

Effect of Census 2000 Undercount on Federal Funding to States and Local Areas, 2002-2012

prepared

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EFFECT OF CENSUS 2000 UNDERCOUNT ON FEDERAL FUNDING TO STATES AND LOCAL AREAS, 2002-2012

ABSTRACT

Congress relies on the census for purposes of allocating funds under various federal grant programs to state governments. Inaccuracies in the census count can cause federal funds to be distributed in a way that is not fully consistent with congressional intent. Many state-funded grant programs to localities also rely on census counts, compounding the misallocation of grant money. From the perspective of jurisdictions that are counted relatively poorly by the census, this translates into fewer services for families in need.

Using information from the 1990 Post-Enumeration Survey (PES) and more recent census estimates, PricewaterhouseCoopers projects Census 2000 will underestimate the actual U.S. population by almost five million individuals, representing an undercount rate of 1.75 percent of the actual population. This estimate is conservative—the Census Bureau itself has projected an undercount rate of 1.9 percent using confidential administrative records and the PES data.

Federal programs with \$185 billion of obligations were allocated among the states based on census population counts in fiscal year 1998. Because many of these programs use figures adjusted for the census undercount or have formulae that guarantee states a steady share of the funds, the census undercount would affect only a portion of funding under these programs. This study focuses on eight programs with \$113 billion of FY 1998 obligations, representing over 82 percent of the funding of programs affected by the census undercount with obligations over \$500 million in FY 1998. Because this study does not consider all programs affected by census population figures, the effect of the Census 2000 undercount on the allocation of federal funds is likely to exceed the estimates in this report.

For the eight federal grant programs included in this study, the Census 2000 undercount is estimated to cause the District of Columbia and 26 states adversely affected by the undercount to lose \$9.1 billion in federal funding over the 2002-2012 fiscal year period. The shift in federal funds due to the Census 2000 undercount is particularly large in metropolitan areas because relatively poorly counted demographic groups are concentrated in urban areas. These areas not only share in state losses from the undercount but also lose funds to other localities within the state because of the high relative undercounts of urban areas. The federal funding loss to the 169 metropolitan areas adversely affected by the undercount is estimated to reach \$11.1 billion over the period, or \$3,391 per uncaptured person in these jurisdictions.

The census undercount not only redistributes funds among jurisdictions, it also causes a net loss to the states of funds from federal entitlement programs, such as Medicaid or Foster Care. For the programs included in this study, the Census 2000 undercount is estimated to reduce *net* federal funds to the states by \$722 million over the 2002-2012 period.

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EFFECT OF CENSUS 2000 UNDERCOUNT ON FEDERAL FUNDING TO STATES AND LOCAL AREAS, 2002-2012

EXECUTIVE SUMMARY

A number of federal grant programs rely on population counts from the decennial census for purposes of allocating funds among states. Consequently, a population undercount, such as that estimated to have occurred in the 1990 census, can affect the distribution of federal funds to states and localities that benefit from federal programs. From the perspective of jurisdictions that are counted relatively poorly by the census, this translates into fewer services for families in need.

The Presidential Members of the United States Census Monitoring Board¹ retained PricewaterhouseCoopers LLP (PwC) to conduct an independent estimate of the Census 2000 undercount, and to project its effects on the allocation of federal funds among states, metropolitan areas, and center counties of metropolitan areas over the next decade.

Under the programs analyzed in this report, the District of Columbia and 26 states are estimated to lose \$9.1 billion in federal funding over the 2002-2012 period. Metropolitan areas not only share in the state losses but also lose funds to other areas within the state because of the high relative undercounts of urban centers. The federal funding loss in the 169 metropolitan areas adversely affected by the undercount is estimated to reach \$11.1 billion over the 2002-2012 period, which translates into a loss of \$3,391 per uncounted person in these jurisdictions. Because this report does not include all population-based federal programs or any of the state programs distributed using census data, these estimates should be treated as conservative.

Previous Research

In previous studies, the General Accounting Office (GAO) and the U.S. Conference of Mayors have estimated the impact of the 1990 census undercount on the allocation of federal and state grant program funds.

The GAO study looked at the effect of the 1990 census undercount on funding to state governments under 15 federal formula grant programs in fiscal year 1998.² The 1990 census was subject to a net undercount rate of 1.59 percent of the adjusted population. GAO found that the 1990 undercount caused a reallocation of \$449 million in federal funding in 1998. This amounts to a funding loss of approximately \$145 per uncounted individual in the District of Columbia and the 27 states with funding losses in 1998.

¹ The Presidential Members of the U.S. Census Monitoring Board are Gilbert F. Casellas (Co-Chairman), Cruz M. Bustamante, Everett M. Ehrlich, and Lorraine A. Green.

² For several programs, GAO calculated the state allotments for a different year (1997 or 1999) because certain components of the formulas were not available or more recent data were available. See GAO, *Formula Grants: Effects of Adjusted Population Counts on Federal Funding to States*, GAO/HEHS-99-69, February 1999.

According to the Congressional Research Service, federal funding amounting to \$185 billion was distributed using census population counts in 1998. GAO analyzed the 25 largest programs (each had FY 1998 obligations of over \$500 million) with a combined funding level of \$167 billion. Ten of these 25 programs were excluded from the GAO analysis because the data necessary to calculate the effect of the undercount on their allocations were unavailable.

Of the remaining 15 programs, eight programs were responsible for all of the reallocation: (1) Medicaid; (2) Foster Care; (3) Rehabilitation Services Basic Support; (4) Social Services Block Grant; (5) Substance Abuse Prevention and Treatment Block Grant; (6) Adoption Assistance; (7) Child Care and Development Block Grant³; and (8) Vocational Education Basic Grants. The final seven programs were either not affected by the undercount or the effects were insignificant.

The U.S. Conference of Mayors recently surveyed cities regarding the effect of the 1990 census undercount on federal and state funding.⁴ The 34 cities responding to the survey reported a loss of federal and state funds of \$536 million, or \$1,230 per uncounted person, over the ten-year period following the 1990 census. The survey also requested that cities estimate the impact of the Census 2000 undercount. The 20 cities responding to this question reported a loss of federal and state funds of \$677 million, or an average of \$2,263 per uncounted person, over the ten-year period following Census 2000.

Methodology

This study extends the previous research by estimating the federal funding effect of the Census 2000 undercount over the next decade on states and metropolitan areas. The study includes the same programs analyzed in the GAO report, but estimates the impact of the undercount at the metropolitan level over the entire period affected by the Census 2000 figures.

The eight programs studied accounted for \$113 billion in federal grant spending in fiscal year 1998 (see Table A). These programs represented over 82 percent of the funding of grant programs affected by the undercount (for programs with obligations over \$500 million). The effect of the undercount on programs with FY 1998 obligations less than \$500 million has not been included. State programs that rely on census data to distribute funds to localities also have been excluded. Because all federal and state grant programs affected by the undercount were not analyzed in this study, the shift in federal funds due to the Census 2000 undercount is likely to be larger than is estimated in this report.

³ Funding under this program is now distributed under the Child Care and Development Fund Discretionary Funds. This report refers to the program by its original name.

⁴ U.S. Conference of Mayors, *The Fiscal Impact of the Census Undercount on Cities: A 34-City Survey*, January 1999.

Table A. Federal Formula Grant Programs and FY 1998 Obligations
[Dollar amounts in billions; Programs over \$0.5 billion affected by census undercount]

Program	Description	Obligations
1. Medicaid	Provides medical assistance (such as inpatient and outpatient hospital care, laboratory and x-ray services, and physician services) to low-income individuals. Eligible individuals include low-income children and pregnant women, low-income persons with disabilities, and low-income elderly persons.	\$100.5
2. Foster Care	Provides support to homes and facilities that provide homes to needy foster children. Payments cover food, shelter, and supervision costs. Any foster child eligible for Aid to Families with Dependent Children, as in effect in 1995, is eligible for the program.	3.5
3. Social Services Block Grant	Provides support to states to prevent or reduce dependency; promote self-sufficiency; prevent abuse, neglect, or exploitation of children and adults; prevent inappropriate institutional care; and secure institutional care where appropriate. Funds have been used for child day care, protective and emergency services for children and adults, and counseling.	2.3
4. Rehabilitation Services Basic Support	Provides vocational rehabilitation to disabled individuals and their families. Services include reader services for the blind, interpreter services for the deaf, prosthetic devices, and job placement.	2.2
5. Substance Abuse Prevention and Treatment Block Grant	Provides resources to states to design and implement programs to reduce drug and alcohol abuse and provide rehabilitation to individuals with drug and alcohol problems.	1.4
6. Vocational Education Basic Grants	Provides grants to states for vocational education programs for youths and adults. Funds used for activities such as purchasing occupationally-relevant equipment and curriculum materials, providing career counseling and guidance, hiring staff, and offering remedial classes.	1.0
7. Child Care and Development Block Grant	Provides assistance to low-income families to improve the availability and quality of childcare. Name changed to Child Care and Development Fund Discretionary Funds.	1.0
8. Adoption Assistance	Provides support for the adoption of children with special needs. Payments train professional staff and parents involved in the adoptions, provide resources to families adopting the children, and cover costs associated with placing children in adoptive homes.	0.7
Total for eight programs included in this report		\$112.6
Total for grant programs over \$0.5 billion affected by undercount		\$136.7

The methodology used in this report can be summarized as follows:

1. Estimate the Census 2000 undercount at the state, metropolitan area, and county level.
2. Determine the formulae for allocating the eight federal grant programs included in this study.
3. Project national funding levels for these federal programs through 2012.
4. Project the effect of the Census 2000 undercount on the allocation of federal funds to states, metropolitan areas, and center counties over the period affected by Census 2000 (generally, fiscal years 2002-2012).

Several key assumptions underlie the results in this report. First, the undercount rates of demographic groups in Census 2000 are assumed to be the same as in the 1990 census; however, the change in the demographic composition of the population between 1990 and 2000 is taken into account based on the latest official Census Bureau projections. Second, current formulae for allocating federal grant programs are assumed to remain unchanged. Third, the national funding level for these programs over the FY 2002-2012 period is based on the Administration's fiscal year 2000 Current Services Budget. Last, states are assumed to allocate federal funding among local governments in proportion to their respective populations, as enumerated in the decennial census. To the extent possible, the results in this study are based on federal data, estimates, and methodology.

Projected Census 2000 Undercount

Based on the net undercount rates of demographic groups from the 1990 census and the projected population growth since 1990, PricewaterhouseCoopers estimates that the Census 2000 undercount rate will be 1.75 percent of the actual population, or almost five million uncounted individuals. This is a conservative estimate. Using demographic analysis of confidential administrative records to supplement undercount factors from the 1990 Post-Enumeration Survey, the Census Bureau has estimated that the Census 2000 undercount rate will be 1.9 percent of the true population.⁵

Members of minority groups and children experience undercount rates that exceed those for the rest of the population. The net undercount rate for children is estimated to reach 3.36 percent (an estimated 2.5 million children), and the rate for certain minority groups exceeds five percent.

Effect of Census 2000 Undercount on Federal Funding to States

Over the 2002-2012 fiscal year period, for the eight programs analyzed, PricewaterhouseCoopers estimates that the Census 2000 undercount will result in a loss of \$9.1 billion in federal funding among the 26 states adversely affected by the

⁵ Bureau of the Census, *Report to Congress--The Plan for Census 2000*, August 1997.

undercount and the District of Columbia. Medicaid accounts for the largest shift in federal funds, representing 91 percent of all reallocated funds (see Figure A).⁶

The projected 2000 undercount would have the biggest dollar impact on states with the largest numerical undercount i.e., California, Texas and Florida (see Figure B).

Even in states that are relatively well counted by the census, certain portions of the state may have high undercount rates. For example, while Massachusetts is counted relatively well, Suffolk County (containing Boston, MA) is estimated to lose \$154 million in federal funds over the 2002-2012 period as a result of its high undercount. Similarly, while Illinois is counted relatively well, Cook County (containing part of Chicago, IL) is estimated to lose \$219 million in federal funds over the 2002-2012 period.

Note that the funding effects of the Census 2000 undercount are not a “zero-sum game.” The shift in federal funds *away from* states that are counted relatively poorly is greater than the shift in funds *to* states that are counted relatively well. The Census 2000 undercount is projected to result in a *net* loss of \$722 million in federal funds to the states as a whole. This overall loss in federal funding is due to federal entitlement programs such as Medicaid, under which the national level of funding depends on population measures and is not a fixed sum.

Effect of Census 2000 Undercount on Federal Funding to Metropolitan Areas

The Census 2000 undercount also will affect metropolitan areas that receive a portion of federal grants allotted to states. The net impact on metropolitan funding depends on the effect of the undercount on both the allocation of federal funds between states (the “between-state” effect) and the allocation of funds among jurisdictions within a state (the “within-state” effect). The *net* impact of the Census 2000 undercount on the allocation of federal funds to metropolitan areas is the sum of the between-state and within-state effects.

Over the 2002-2012 period, 169 metropolitan areas are estimated to lose \$11.1 billion, or \$3,391 per uncoun­ted person in these jurisdictions, as a result of the Census 2000 undercount. Because metropolitan areas within a state generally experience undercount rates that are higher than the state average, they will fail to receive their proportionate share of any funds distributed by the state based on unadjusted population counts. These “within-state” effects cause the funding losses of metropolitan areas to exceed the funding losses at the state level.

⁶ Because of statutory provisions which guarantee minimum reimbursement rates, Medicaid funding for certain states would remain the same using either adjusted or unadjusted population counts. Some states, like New York, receive the minimum reimbursement of 50 percent of state expenditures under adjusted or unadjusted figures. The District of Columbia has a reimbursement rate set by statute at 70 percent. These areas experience significant undercounts, but the Medicaid minimum reimbursement provisions limit the federal funding losses from the undercount.

Six metropolitan areas are estimated to lose over \$300 million in federal funds: New York, NY; Los Angeles-Long Beach, CA; Houston, TX; Riverside-San Bernardino, CA; San Diego, CA; and Miami, FL (see Figure C). In New York, NY, the funding loss is estimated to exceed \$2 billion. Because some state-funded grant programs also rely on the decennial census for purposes of allocating funds among localities, the impact of the Census 2000 undercount on metropolitan areas will be larger than the federal funding effect.

Effect of Census 2000 Undercount on Federal Funding to Center Counties

The demographic composition of the “center county” within a metropolitan area frequently is quite different from the surrounding suburbs. As a result, census undercount rates can vary dramatically within a metropolitan area, and this can affect the allocation of federal funds. The “center county” generally is defined as the county containing a metropolitan area’s central city.

Seven center counties are estimated to lose over \$300 million in federal funding: Los Angeles County, CA; Kings County, NY (which comprises the borough of Brooklyn, NY); Bronx County, NY; New York County, NY (which comprises the borough of Manhattan, NY); Harris County, TX (which contains the city of Houston, TX); San Diego, CA; and Miami-Dade County, FL (see Figure D). In Los Angeles County, CA the funding loss is estimated at over \$1.8 billion. (As noted above, these estimates exclude the effect of the Census 2000 undercount on the allocation of state-funded grant programs.)

Conclusion

Congress relies on the census for purposes of allocating various federal grants to state governments. Inaccuracies in the census count can cause federal funds to be distributed in a way that is not consistent with congressional intent. Many state-funded grants to localities also rely on census counts, compounding the problem. From the perspective of jurisdictions that are counted relatively poorly by the census, this translates into fewer services for families in need. By participating in Census 2000, all Americans can help ensure that their communities are not short-changed in the allocation of federal and state program funds.

**Figure A. Estimated Effect of Census 2000 Undercount on Eight Federal Grant Programs:
26 States with Funding Losses and the District of Columbia, Fiscal Years 2002-2012
[Millions of Dollars]**

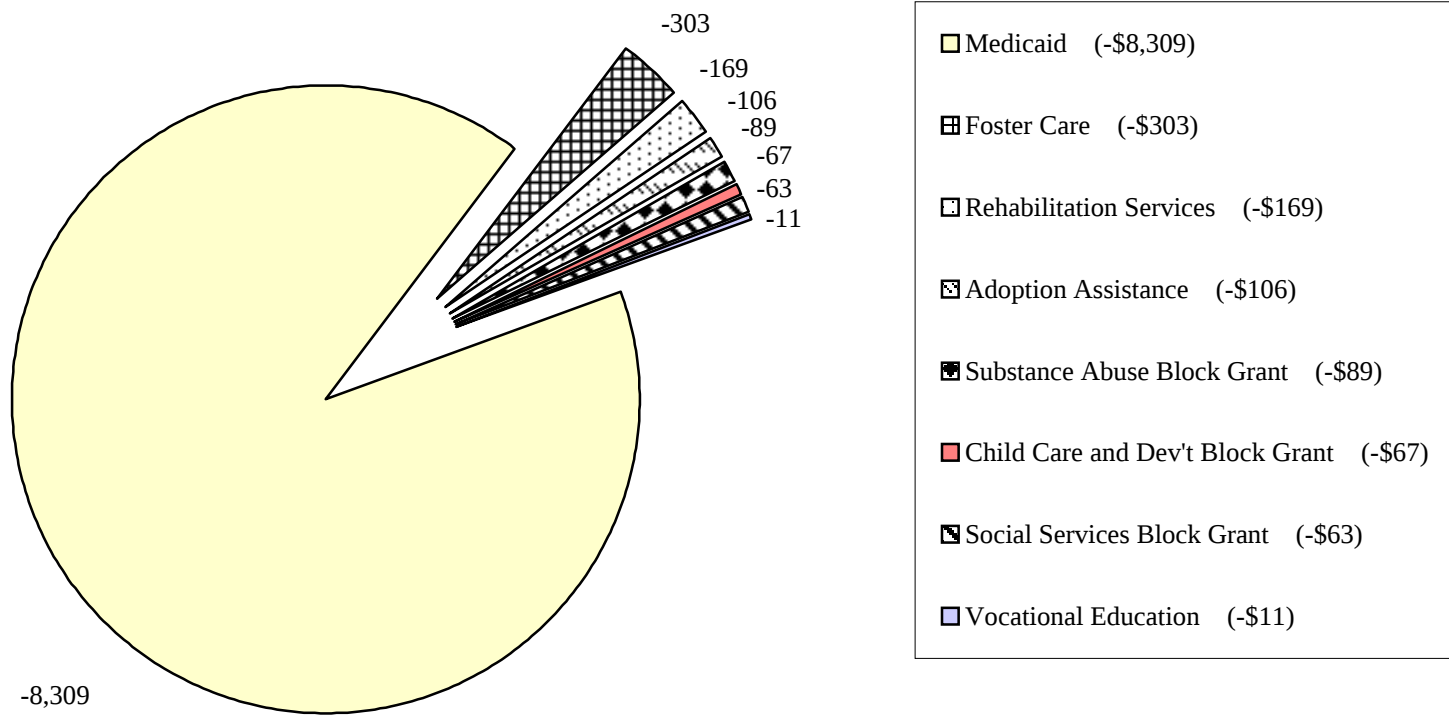
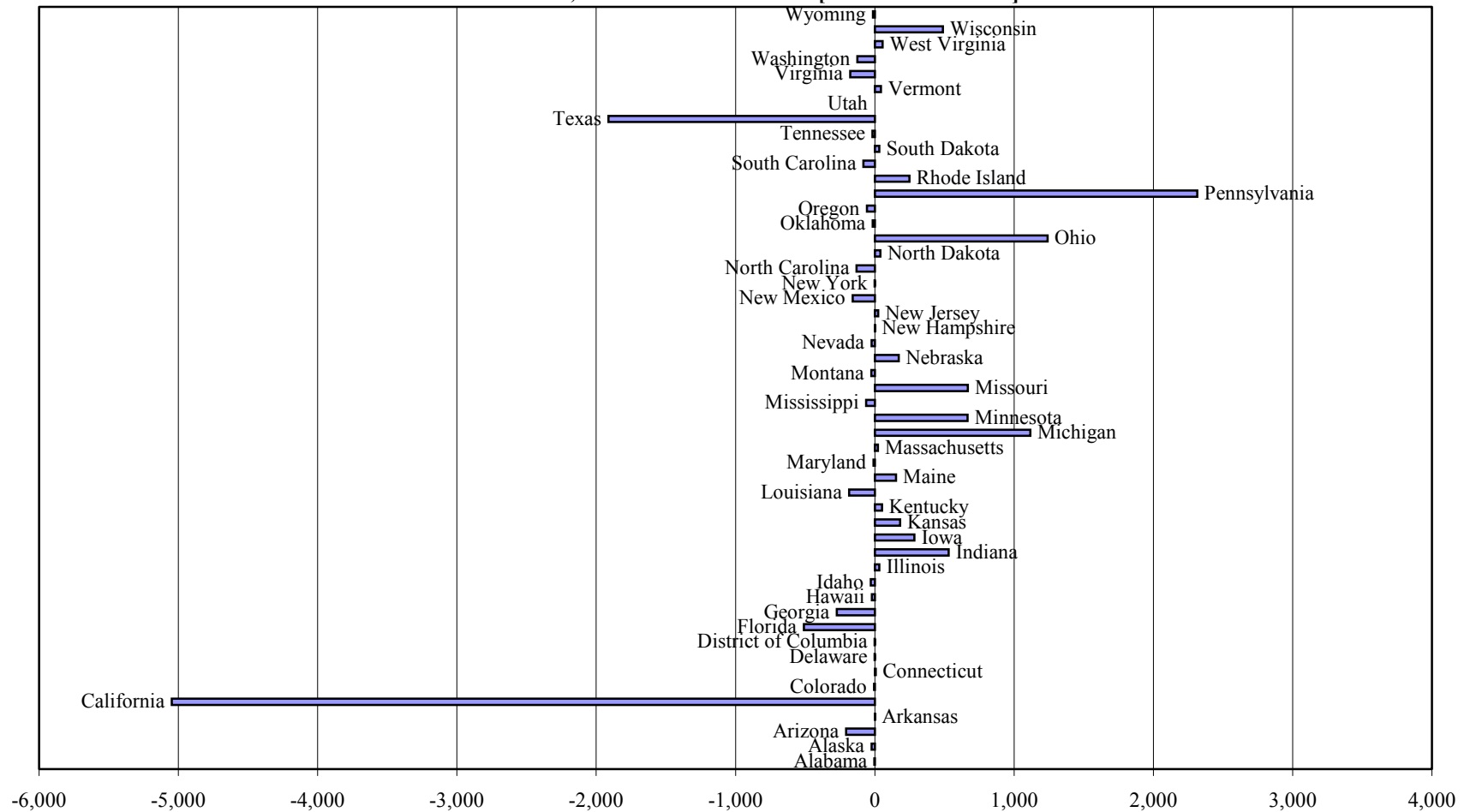
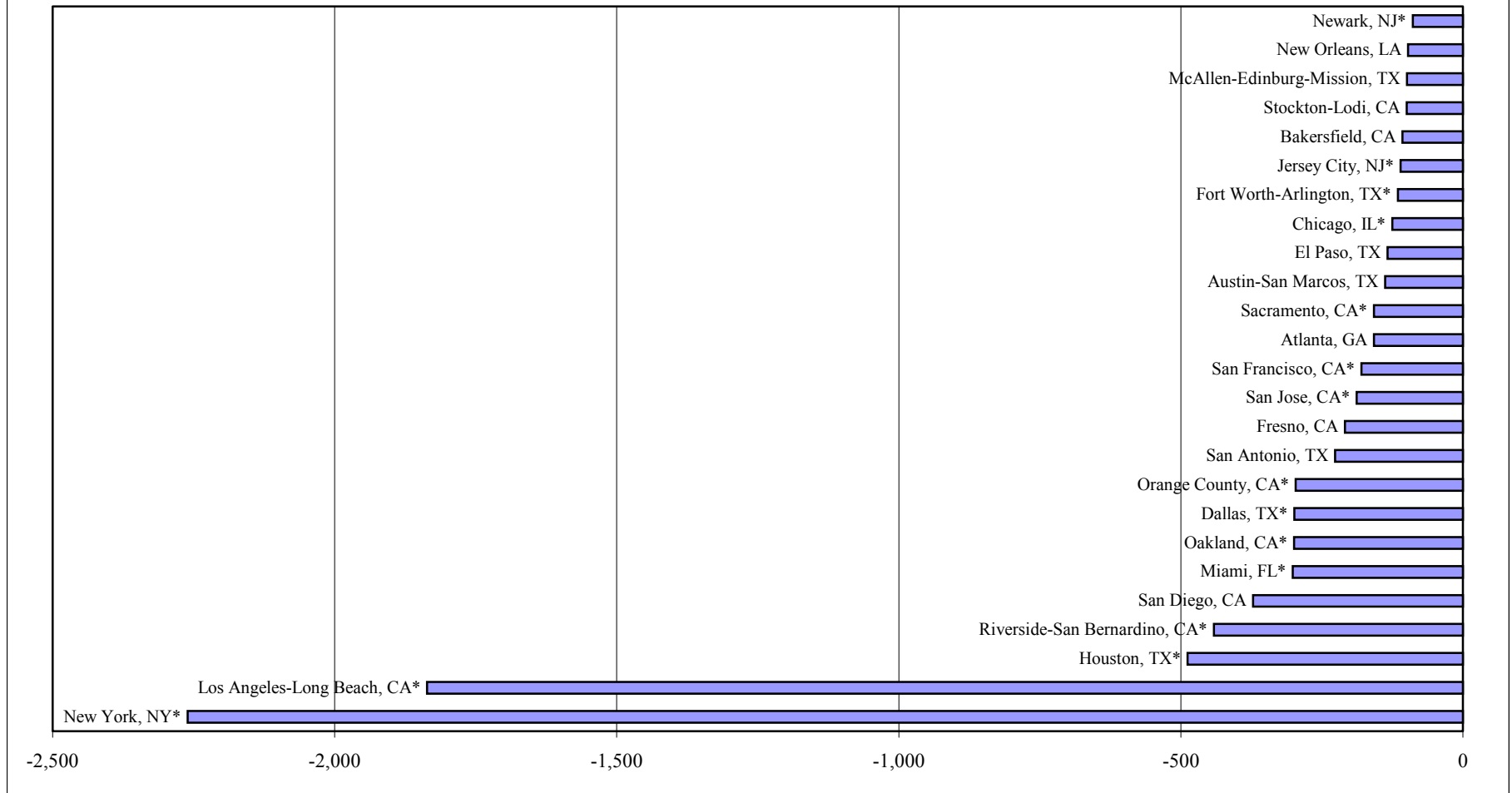


Figure B. Estimated Effect of Census 2000 Undercount on Eight Federal Grant Programs: All States and the District of Columbia, Fiscal Years 2002-2012 [Millions of Dollars]



Source: PricewaterhouseCoopers calculations.

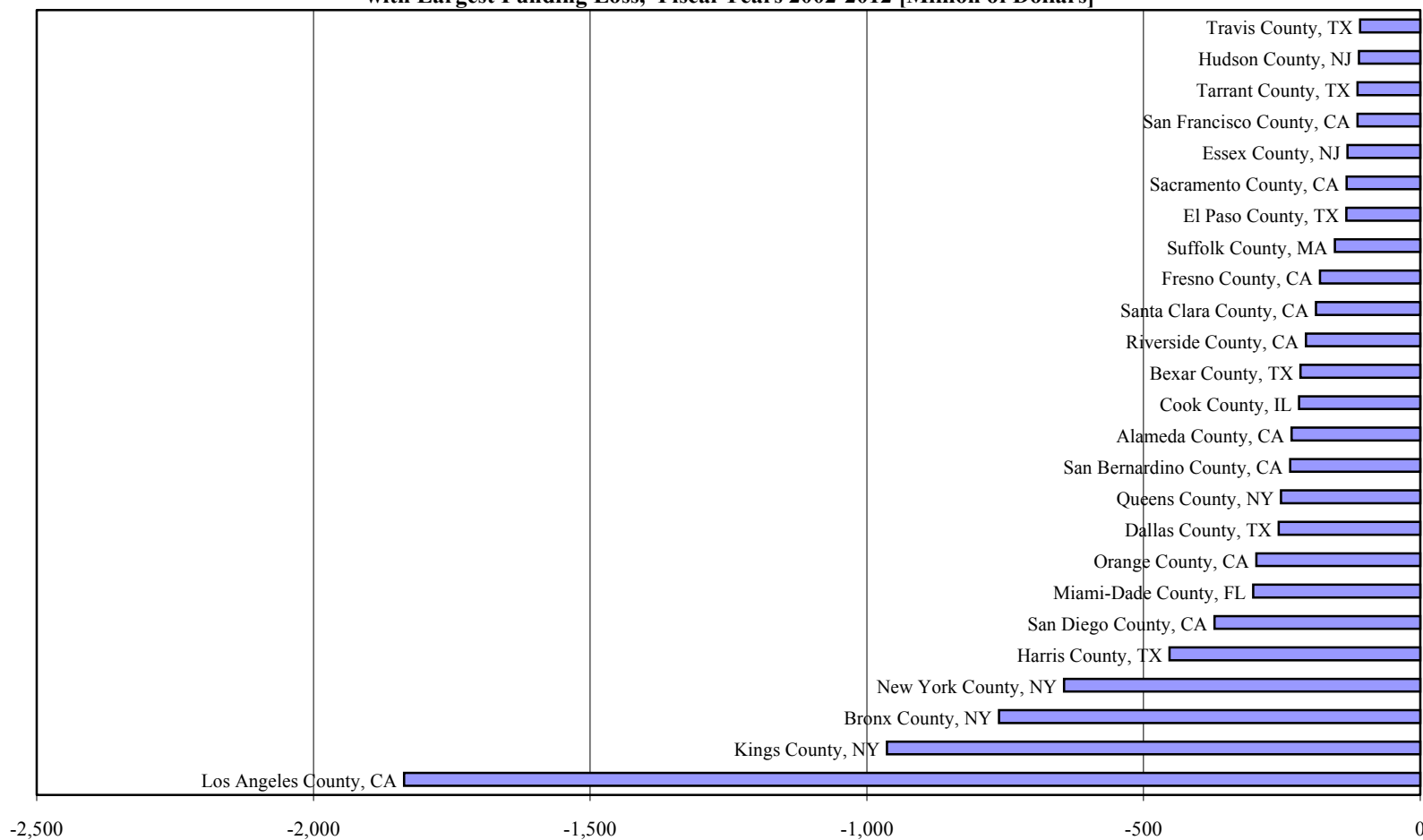
Figure C. Estimated Effect of Census 2000 Undercount on Eight Federal Grant Programs: 25 MSAs with Largest Funding Loss, Fiscal Years 2002-2012 [Million of Dollars]



Source: PricewaterhouseCoopers calculations.

* Primary Metropolitan Statistical Area (PMSA).

Figure D. Estimated Effect of Census 2000 Undercount on Eight Federal Grant Programs: 25 Center Counties with Largest Funding Loss, Fiscal Years 2002-2012 [Million of Dollars]



Source: PricewaterhouseCoopers calculations.

I. INTRODUCTION

The Presidential Members of the United States Census Monitoring Board¹ retained PricewaterhouseCoopers LLP (PwC) to conduct an independent estimate of the Census 2000 undercount, and to project its effects on the allocation of federal funds among states, metropolitan areas, and center counties of metropolitan areas over the next decade.

This report extends previous research undertaken by the General Accounting Office (GAO) and the U.S. Conference of Mayors on the census undercount and its affect on the allocation of federal dollars to states and localities. The Census 2000 undercount is estimated using updated population data by demographic group, and the effect of the undercount is analyzed for a uniform set of federal programs for states and localities over the entire period affected by the census figures.

Under the programs analyzed in this report, the 169 metropolitan areas adversely affected by the Census 2000 undercount are estimated to lose \$11.1 billion over the 2002-2012 period. Metropolitan areas not only share in any state losses from the undercount, which amount to \$9.1 billion in states with high undercounts, but also suffer additional distortions if their undercounts are high relative to other areas within the state. The federal funding loss in these metropolitan areas translates into a loss of \$3,391 per uncounted person in these jurisdictions. Because this report does not include the effect of the undercount on all federal programs or any state programs distributed using census data, these estimates should be treated as conservative.

Section II estimates the Census 2000 undercount at the state, metropolitan area, and center county levels. To estimate the undercount, net undercount rates from the 1990 census by demographic group were applied to unadjusted 2000 population projections by demographic group by county.

Section III estimates the impact of the Census 2000 undercount on the allocation of federal funds to states, metropolitan areas, and counties. Formula allocations under federal grant programs that depend on population counts were calculated with unadjusted and then adjusted population figures to estimate the change in federal funds flowing to each state. Changes in funding levels at the state level were then translated into changes at the metropolitan area level and county level.

The main findings of the report are summarized in Section IV.

Ten appendices accompany this report:

- Appendix A reports the Census Bureau's projections of the unadjusted 2000 population and PricewaterhouseCoopers' estimate of the population undercount, by state and demographic group.

¹ The Presidential Members of the U.S. Census Monitoring Board are Gilbert F. Casellas (Co-Chairman), Cruz M. Bustamante, Everett M. Ehrlich, and Lorraine A. Green.

- Appendix B shows estimated 2000 population totals by metropolitan area with and without adjustments for the estimated undercount.
- Appendix C shows estimated 2000 population totals by center county with and without adjustments for the estimated undercount.
- Appendix D presents the Census 2000 undercount total and undercount rate by center county by demographic group.
- Appendix E describes the federal programs analyzed in this report.
- Appendix F provides detailed information on the estimated funding effects of the Census 2000 undercount by state by program.
- Appendix G provides details on the funding effect of the undercount on metropolitan areas.
- Appendix H provides details on the funding effects for center counties.
- Appendix I provides a listing of central cities and center counties by state and metropolitan area.
- Appendix J lists contact information.

II. ESTIMATE OF CENSUS 2000 UNDERCOUNT

A. 1990 Census Undercount Data

Following the 1990 census, the U.S. Census Bureau undertook a Post-Enumeration Survey (PES) to determine the accuracy of the census count. Historically the census has not achieved an exact count of the population because it has missed certain individuals and incorrectly enumerated others.² For the PES, the Bureau conducted detailed interviews with a sample of households. The results of this intensive interview process were compared to the official 1990 census enumeration to assess the accuracy of the census. This information was used to estimate the net undercount (persons missed less persons incorrectly enumerated) by demographic group, and to prepare an adjusted 1990 population count (i.e., the official count plus an estimate of net uncounted persons).

Pursuant to P.L. 94-171, the Bureau published the official and adjusted 1990 population counts at the Census Block level stratified by 20 demographic groups:

1. Five race groups (White, Black, Asian/Pacific Islander, American Indian/Eskimo/Aleut, and Other);
2. Hispanic origin (yes or no); and
3. Two age groups (over 17 and under 18).

The stratification used in the P.L. 94-171 data differs from the stratification in the Census Bureau's 2000 population projections. The published 2000 population projections have four race groups (i.e., no "Other" race group) and are stratified by age and gender. To make the unadjusted P.L. 94-171 data consistent with the published 2000 population projections, the "Other" race category was reassigned proportionately into the four specified race groups.³ This reassignment was done at the county level stratified by Hispanic origin and age.⁴ Over 97 percent of the population classified in the "Other" race category in the 1990 census are of Hispanic origin (see Table 1). This group is estimated by the Census Bureau to have a very high undercount rate—5.3 net uncounted persons per 100 persons in the adjusted 1990 census enumeration.

² For instance, incorrect enumerations would arise from the inclusion of a child born after April 1, a person who died before April 1, or a college student living away from home but counted in the parents' house.

³ The methodology used to map the "Other" group into the four specified race groups is conceptually similar to the procedure used by the Census Bureau, but does not rely on access to individual Census records. The undercounted "Other" population was reassigned to the other four race groups in the same proportion as the enumerated "Other" population. See Census publication CPH-L-74, *Age, Sex, and Hispanic Origin Information from the 1990 Census: A Comparison of Census Results with Results Where Age and Race Have Been Modified*, August 1991.

⁴ In New England states, Minor Civil Divisions (MCDs) rather than counties were used for this purpose. MCDs function as the components of MSAs in these states. MCDs can also be aggregated into counties. Outside of New England, MSAs are composed of counties.

Table 1. Count of “Other” Race Group in 1990 Census

Age group	Hispanic Origin		Total
	Yes	No	
Official (Unadjusted) 1990 Census Count			
Under 18	3,493,054	113,380	3,611,434
Over 17	6,062,700	130,713	6,193,413
Total	9,555,754	249,093	9,804,847
Adjusted 1990 Census Count			
Under 18	3,683,795	120,815	3,804,610
Over 17	6,408,477	132,205	6,540,682
Total	10,092,272	253,020	10,345,292
Undercount Rate ^a			
Under 18	5.178%	6.154%	5.077%
Over 17	5.396%	1.129%	5.309%
Total	5.316%	1.552%	5.224%

^a Excess of adjusted over unadjusted count as a percent of adjusted count.

Source: U.S. Census Bureau and PricewaterhouseCoopers calculations.

After reclassifying the P.L. 94-171 data from five to four race groups, the official and adjusted data were aggregated up to the state level within 16 demographic groups (four races, two age groups, and Hispanic/non-Hispanic). Adjustment factors (i.e., the ratio of the adjusted to the official population count) were calculated for the 16 demographic groups within each of the 50 states and the District of Columbia (816 adjustment factors in total).

B. Projected 2000 Undercount by State

The Census Bureau projects state population levels through 2025 by age, sex, race (White, Black, Asian/Pacific Islander, and American Indian/Eskimo/Aleut), and Hispanic origin.⁵ These projections start with the most recent decennial census, and the population in subsequent years is estimated using administrative records, such as birth and death certificates and immigration statistics. The Census Bureau’s population projections do not adjust for the population missed in the decennial census nor undocumented immigration. For purposes of this report, the Bureau’s state population projections for 2000 were used as an estimate of the official population counts that will be produced in the upcoming 2000 census. To match the

⁵ Census publication PPL-47, *Population Projections for States by Age, Sex, Race, and Hispanic Origin: 1995-2025*. Note that these projections are based on 1995 population estimates and may differ from actual 2000 population totals.

demographic cell format for the P.L. 94-171 data, the data were aggregated into two age groups (over 17 and under 18) and genders were combined.

Adjusted 2000 state population counts were estimated using the adjustment factors from the 1990 census and the Census Bureau's 2000 population projections. Specifically, for each of the 16 demographic groups within each state, the adjusted 2000 population count was estimated as the product of the Census Bureau's 2000 population projection and the appropriate adjustment factor determined from the P.L. 94-171 data (see Section II.A, above). The Census 2000 undercount for a state was estimated as the difference between the state's adjusted and unadjusted 2000 population projections.

Based on this methodology, the undercount rate for Census 2000 is projected to be 1.75 percent, or 4.9 million persons (see Table 2).⁶ This is higher than the Census Bureau's estimate of the 1990 undercount rate (1.59 percent), and reflects the generally faster growth rates since 1990 of demographic groups that were relatively poorly counted in the 1990 census. The projected 2000 undercount rate used in this report is a conservative estimate. Using demographic analysis of confidential administrative records to supplement undercount factors from the PES, the Census Bureau has estimated that the Census 2000 undercount rate will be 1.9 percent of the true population.⁷ Changes in attitudes within demographic groups could also result in an increased undercount rate. For instance, increased suspicion of government could make individuals less likely to respond to the census.

Table A-4 in Appendix A provides net undercount rates by demographic groups. Children and minorities have undercount rates that exceed the national average. Nationally, persons under the age of 18 have an undercount rate of 3.36 percent of the actual population, resulting in almost 2.5 million uncounted children. Of the population over 18, minority groups and Hispanics generally have undercount rates exceeding 3 percent, with several close to or over 5 percent.

Four states account for over 45 percent of the projected Census 2000 undercount: California (1.01 million), Texas (0.61 million), Florida (0.34 million), and New York (0.33 million). States with the highest percentage undercounts are the District of Columbia (3.6 percent), New Mexico (3.1 percent), and California (3.0 percent). States with the lowest undercount rates are Pennsylvania (0.4 percent), Rhode Island (0.4 percent), and Iowa (0.5 percent).

⁶ The GAO report presents 1.62 as the percentage difference between the unadjusted and adjusted 1990 population. This figure represents the net uncounted population divided by the unadjusted population count. In official Census Bureau terminology, this corresponds to the undercount "factor," while the undercount "rate" is the net undercount divided by the adjusted, or actual, population. As a percent of the unadjusted population, the estimated Census 2000 undercount would be 1.78 percent.

⁷ Bureau of the Census, *Report to Congress--The Plan for Census 2000*, August 1997.

Table 2. Estimated Census 2000 Undercount by State

State	2000 Population Projections		Estimated 2000 Census Undercount		1990 Undercount Rate ^b
	Without adjustment for undercount	With adjustment for undercount	Number ^a	Rate ^b	
United States	274,633,905	279,520,570	4,886,665	1.75	1.59
Alabama	4,450,583	4,529,922	79,339	1.75	1.78
Alaska	653,293	666,937	13,644	2.05	2.00
Arizona	4,797,526	4,920,243	122,717	2.49	2.38
Arkansas	2,631,383	2,677,467	46,084	1.72	1.75
California	32,521,102	33,529,783	1,008,681	3.01	2.74
Colorado	4,168,224	4,258,653	90,429	2.12	2.06
Connecticut	3,284,142	3,312,393	28,251	0.85	0.64
Delaware	767,559	782,464	14,905	1.90	1.80
District of Columbia	523,328	542,830	19,502	3.59	3.41
Florida	15,233,224	15,569,941	336,717	2.16	1.97
Georgia	7,874,792	8,054,395	179,603	2.23	2.15
Hawaii	1,257,404	1,281,917	24,513	1.91	1.85
Idaho	1,346,506	1,377,221	30,715	2.23	2.19
Illinois	12,050,818	12,182,404	131,586	1.08	0.99
Indiana	6,044,528	6,075,839	31,311	0.52	0.50
Iowa	2,899,829	2,913,111	13,282	0.46	0.42
Kansas	2,668,263	2,689,010	20,747	0.77	0.70
Kentucky	3,994,566	4,058,881	64,315	1.58	1.62
Louisiana	4,424,618	4,523,993	99,375	2.20	2.18
Maine	1,259,170	1,268,481	9,311	0.73	0.74
Maryland	5,274,608	5,395,635	121,027	2.24	2.07
Massachusetts	6,198,746	6,244,609	45,863	0.73	0.48
Michigan	9,678,943	9,751,789	72,846	0.75	0.71
Minnesota	4,829,798	4,855,828	26,030	0.54	0.44
Mississippi	2,815,743	2,876,098	60,355	2.10	2.14
Missouri	5,540,378	5,576,552	36,174	0.65	0.62
Montana	949,657	972,459	22,802	2.34	2.36
Nebraska	1,705,467	1,717,719	12,252	0.71	0.65
Nevada	1,871,299	1,919,561	48,262	2.51	2.35
New Hampshire	1,224,230	1,234,846	10,616	0.86	0.84
New Jersey	8,177,791	8,250,120	72,329	0.88	0.57
New Mexico	1,860,397	1,920,618	60,221	3.14	3.10
New York	18,146,185	18,474,607	328,422	1.78	1.49
North Carolina	7,777,253	7,928,110	150,857	1.90	1.86
North Dakota	661,689	666,663	4,974	0.75	0.66
Ohio	11,318,718	11,400,840	82,122	0.72	0.68
Oklahoma	3,372,514	3,435,350	62,836	1.83	1.79
Oregon	3,397,161	3,464,440	67,279	1.94	1.87
Pennsylvania	12,202,050	12,250,280	48,230	0.39	0.29
Rhode Island	997,607	1,001,737	4,130	0.41	0.13
South Carolina	3,858,023	3,937,527	79,504	2.02	2.05
South Dakota	777,073	785,318	8,245	1.05	0.98
Tennessee	5,657,161	5,758,958	101,797	1.77	1.75
Texas	20,119,335	20,727,421	608,086	2.93	2.78
Utah	2,207,013	2,246,639	39,626	1.76	1.73
Vermont	616,803	623,862	7,059	1.13	1.11
Virginia	6,997,006	7,147,001	149,995	2.10	2.00
Washington	5,858,392	5,973,573	115,181	1.93	1.85
West Virginia	1,840,983	1,866,397	25,414	1.36	1.42
Wisconsin	5,326,324	5,363,914	37,590	0.70	0.61
Wyoming	524,700	536,215	11,515	2.15	2.17

Source: PricewaterhouseCoopers calculations.

^a Adjusted minus unadjusted 2000 population projections.^b Undercount as a percent of adjusted population.

Note: Since preparation of this report, the national projection for 2000 has been updated to 275,306,000.

C. Projected 2000 Undercount by MSA and Center County

The Census Bureau does not currently publish 2000 population projections below the state level. The most recent Census Bureau estimates available below the state level with demographic detail is the 1990 to 1998 Annual Time Series of County Population Estimates by Age, Sex, Race and Hispanic Origin. These estimates are not adjusted for the census undercount. The 1998 estimates were aggregated into five demographic groups (Black, American Indian/Eskimo/Aleut, Asian/Pacific Islander, White Hispanic, White Non-Hispanic) by county and projected to 2000 levels.⁸

Adjusted 2000 county population counts were estimated using the adjustment factors from the 1990 census. Specifically, for each of the five demographic groups within each county, the adjusted 2000 population was estimated as the product of the unadjusted 2000 population and the appropriate adjustment factor determined from the 1990 Post-Enumeration Survey (see Section II.A, above). Adjusted and unadjusted 2000 population projections for metropolitan statistical areas (MSAs) were calculated by aggregating the counties within each area.⁹ The Census 2000 undercount for each county was estimated as the difference between the county's adjusted and unadjusted 2000 population projection.

Metropolitan Areas

Because demographic groups with high undercount rates are more concentrated in urban areas, undercount rates in MSAs are generally higher than the national average. In total, the undercount rate for all MSAs reaches 1.82 percent. The 25 MSAs with the highest undercount rates are shown in Table 3. The MSAs with the largest estimated Census 2000 undercount rate are Flagstaff, AZ (5.28 percent); El Paso, TX (4.32 percent); and Merced, CA (4.28 percent). In addition to Arizona, Texas, and California, the top 25 list includes MSAs located in Florida, Washington, the District of Columbia, New Jersey, New Mexico, New York, and Oregon. (The 2000 population projections for all MSAs are contained in Appendix B.)

⁸ The 1990-1998 growth rates by demographic group by county were used to project 2000 population totals. The projections were controlled to match the Census Bureau's 2000 projections at the state level.

⁹ Metropolitan areas are designated as Metropolitan Statistical Areas (MSAs), Primary Metropolitan Statistical Areas (PMSAs), and New England County Metropolitan Areas (NECMAs) by the Census Bureau. For simplicity, all three designations are referred to as MSAs in this report. For MSAs which span state boundaries, components in separate states are reported in the state containing the component.

Table 3. Census 2000 Undercount by Metropolitan Area: 25 MSAs with the Largest Undercount Rates

MSA	2000 Population Projections		Estimated 2000 Undercount	
	Without adjustment for undercount	With adjustment for undercount	Number	Rate ^a
Total, All MSAs	219,885,182	223,969,889	4,084,707	1.82
1. Flagstaff, AZ-UT MSA (AZ portion)	115,603	122,042	6,438	5.28
2. El Paso, TX MSA	695,704	727,138	31,434	4.32
3. Merced, CA MSA	197,539	206,382	8,842	4.28
4. McAllen-Edinburg-Mission, TX MSA	529,394	552,940	23,546	4.26
5. Visalia-Tulare-Porterville, CA MSA	356,810	372,135	15,326	4.12
6. Fresno, CA MSA	878,648	916,099	37,450	4.09
7. Miami, FL PMSA	2,151,727	2,241,902	90,176	4.02
8. Corpus Christi, TX MSA	382,536	397,393	14,858	3.74
9. Yolo, CA PMSA	152,176	158,020	5,844	3.70
10. San Antonio, TX MSA	1,540,126	1,599,034	58,908	3.68
11. Salinas, CA MSA	359,044	372,718	13,675	3.67
12. Yakima, WA MSA	219,116	227,350	8,234	3.62
13. Los Angeles-Long Beach, CA PMSA	9,109,292	9,450,954	341,662	3.62
14. Washington, DC-MD-VA-WV PMSA (DC portion)	523,328	542,830	19,502	3.59
15. Jersey City, NJ PMSA	548,813	568,647	19,833	3.49
16. Bryan-College Station, TX MSA	134,511	139,182	4,671	3.36
17. Stockton-Lodi, CA MSA	554,293	573,393	19,100	3.33
18. Houston, TX PMSA	4,019,454	4,157,348	137,894	3.32
19. Santa Barbara-Santa Maria-Lompoc, CA MSA	382,182	395,191	13,009	3.29
20. Austin-San Marcos, TX MSA	1,162,314	1,201,692	39,378	3.28
21. Brownsville-Harlingen-San Benito, TX MSA	325,178	336,155	10,978	3.27
22. Las Cruces, NM MSA	183,866	190,039	6,173	3.25
23. New York, NY PMSA	8,729,589	9,020,776	291,187	3.23
24. Bakersfield, CA MSA	634,278	655,175	20,897	3.19
25. Corvallis, OR MSA	79,643	82,244	2,600	3.16

Source: PricewaterhouseCoopers calculations.

^a Undercount as a percent of adjusted population.

Center Counties

For purposes of this report, the “center county” of an MSA is defined as the county containing the MSA’s central city.¹⁰ Where the central city boundary crosses a county line, each county that contains a portion of the central city is treated as a center county. In a few instances, an MSA has more than one central city. In these cases the county containing each central city is treated as a center county.¹¹

Because of their demographic composition, the center counties of the MSAs generally experience undercount rates higher than the overall MSA. In total, the undercount rate for all center counties reaches 2.04 percent. The 25 center counties with the highest undercount rates are shown in Table 4. The three center counties with the highest estimated Census 2000 undercount rates are Coconino County, AZ (5.28 percent), Bronx County, NY (5.25 percent), and El Paso County, TX (4.32 percent). In addition to Arizona, New York, and Texas, the top 25 list contains counties in California, Florida, Washington, the District of Columbia, New Jersey, Louisiana, and Maryland. The 2000 population projections for all Center Counties are contained in Appendix C. Appendix D presents the undercount totals and undercount rates for the center counties by demographic group.

¹⁰ Note that this definition of center county, a term specific to this report, differs in a few cases from the Census Bureau definition of “central county.” In some cases, the Bureau designates counties as “central” even when they do not contain a central city. We have excluded such counties from our definition of center county.

¹¹ In addition to the counties containing central cities, we also identify and present results for the remaining counties containing boroughs of New York City. Thus, we include Bronx County, Kings County, Queens County, and Richmond County in our list and tables of counties containing central cities.

**Table 4. Census 2000 Undercount by County containing Central City:
25 Counties with the Largest Undercount Rates**

MSA	2000 Population Projections		Estimated 2000 Undercount	
	Without adjustment for undercount	With adjustment for undercount	Number	Rate ^a
Total, Center Counties	173,685,927	177,300,582	3,614,655	2.04
1. Coconino County, AZ	115,603	122,042	6,438	5.28
2. Bronx County, NY	1,203,154	1,269,772	66,618	5.25
3. El Paso County, TX	695,704	727,138	31,434	4.32
4. Merced County, CA	197,539	206,382	8,842	4.28
5. Hidalgo County, TX	529,394	552,940	23,546	4.26
6. Kings County, NY	2,266,301	2,364,112	97,812	4.14
7. Tulare County, CA	356,810	372,135	15,326	4.12
8. Fresno County, CA	760,018	792,449	32,432	4.09
9. New York County, NY	1,567,069	1,633,366	66,297	4.06
10. Madera County, CA	118,631	123,649	5,019	4.06
11. Miami-Dade County, FL	2,151,727	2,241,902	90,176	4.02
12. Bexar County, TX	1,345,373	1,399,723	54,350	3.88
13. Nueces County, TX	310,288	322,595	12,307	3.81
14. Yolo County, CA	152,176	158,020	5,844	3.70
15. Travis County, TX	733,808	761,968	28,160	3.70
16. Monterey County, CA	359,044	372,718	13,675	3.67
17. Franklin County, WA	46,862	48,644	1,782	3.66
18. Yakima County, WA	219,116	227,350	8,234	3.62
19. Los Angeles County, CA	9,109,292	9,450,954	341,662	3.62
20. District of Columbia	523,328	542,830	19,502	3.59
21. Harris County, TX	3,236,068	3,356,335	120,267	3.58
22. Hudson County, NJ	548,813	568,647	19,833	3.49
23. San Patricio County, TX	72,248	74,798	2,551	3.41
24. Orleans Parish, LA	461,364	477,626	16,262	3.40
25. Baltimore City, MD	627,252	649,222	21,970	3.38

Source: PricewaterhouseCoopers calculations.

^a Undercount as a percent of adjusted population.

III. FUNDING EFFECT OF CENSUS 2000 UNDERCOUNT

A. Federal Programs Analyzed

This study examines the effect of the Census 2000 undercount on the allocation of funds under eight federal grant programs: (1) Medicaid; (2) Foster Care; (3) Rehabilitation Services Basic Support; (4) Social Services Block Grant; (5) Substance Abuse Prevention and Treatment Block Grant; (6) Adoption Assistance; (7) Child Care and Development Block Grant; and (8) Vocational Education Basic Grants. These eight programs account for all of the funding shifts identified in the General Accounting Office study of the effects of the 1990 census undercount on federal funding to states in fiscal year 1998.

According to the Congressional Research Service, \$185 billion in federal grants was allocated to states and localities using census population data in FY 1998. The GAO study focused on 25 large formula grant programs, representing 90 percent of the total. Of the 25 programs analyzed in the GAO study, ten programs (amounting to \$20 billion) were excluded because their funding formulae depended on population variables for which undercount rates are not available (e.g., the population below the poverty line). Of the remaining 15 programs, seven of the programs (amounting to \$30 billion) were not affected by the undercount because the formulae used population figures adjusted for the undercount or the formulae had components which made the undercount immaterial.

The remaining eight programs (listed in Table 5) were affected by the undercount. These programs represent over 82 percent of the funding under programs over \$500 million that depend on unadjusted census counts.

Table 5: Federal Grant Programs and FY 1998 Obligations

[Obligations in billions of dollars; Programs over \$500 million affected by census undercount]

Program	Obligations
Medicaid	\$100.5
Foster Care	3.5
Social Services Block Grant	2.3
Rehabilitation Services Basic Support	2.2
Substance Abuse Prevention and Treatment Block Grant	1.4
Vocational Education Basic Grants	1.0
Child Care and Development Block Grant	1.0
<u>Adoption Assistance</u>	<u>0.7</u>
Subtotal, eight programs included in study	112.6
Total, federal grants over \$500 million affected by census undercount ^a	\$136.7

^a Calculated by subtracting the funding for the seven programs found by GAO to be unaffected by the undercount (\$30 billion) from the funding for the 25 largest programs allocated using census figures (\$167 billion).

Source: Budget of the United States, FY 2000, GAO, and PricewaterhouseCoopers calculations.

B. Current Services Funding Levels over FY 2002-2012 Period

Depending on the first year of impact, Census 2000 will affect federal grant allocations over the 2002-2011 or the 2003-2012 period.¹²

For each of the eight federal grant programs analyzed in this report, the Administration's FY 2000 budget projects Current Services funding levels through 2009. The Current Services Budget estimates funding levels necessary to continue programs at a level equal to the most recently funded year (i.e., 1999 for the 2000 budget). In essence, it is a prediction of the funding necessary to support current law expenditures over the budget period.

The Current Services Budget projects funding of discretionary programs will grow with inflation. Unlike entitlement programs, the funding of discretionary programs is dependent on the annual Congressional appropriations process. Three of the eight federal grant programs included in this study are classified as discretionary: (1) Substance Abuse Block Grant, (2) Vocational Education, and (3) Child Care and Development Block Grant. The Current Services Budget projects that funding for entitlement programs will grow with the underlying eligible population and inflation. Three of the federal programs included in this study are classified as entitlement programs: (1) Medicaid, (2) Foster Care, and (3) Adoption Assistance. The remaining two programs included in this study, Social Services Block Grant and Rehabilitation Services, are mandatory programs that are projected to grow at rates consistent with their enacting legislation.

The fiscal year 2000 budget includes Current Services funding levels through 2009. Funding levels for the eight programs included in this study were extrapolated through 2012 based on the growth rates projected by the Office of Management and Budget over the FY 2000-2009 budget period (see Table 6).¹³

Assuming the Current Services spending levels, census population counts from Census 2000 will be used to distribute almost \$2.3 trillion over the 2002-2012 fiscal year period.

¹² This report assumes that the effects Census 2000 are not incorporated until 2000 population figures are used in allocation formulas. If population estimates from earlier years, such as 1999, are adjusted consistent with Census 2000, allocations could be affected before 2002.

¹³ The Administration's FY 2000 budget projects that the GDP price index (a measure of inflation) will rise at 2.1 percent annually over the 2000-2009 period. Accordingly, Current Services funding levels for discretionary programs are extrapolated through 2012 assuming an annual growth rate of 2.1 percent. The Current Services Budget projects slowing growth for the entitlement programs; this trend is assumed to continue over the 2010-2012 period. Current Services funding levels for the remaining mandatory programs are extrapolated over the 2010-2012 period using their annual growth rates over the 2000-2009 budget period (2.3 percent for Rehabilitation Services, zero percent for the Social Services Block Grant).

Table 6. Current Services Budget Projections for Eight Federal Grant Programs, FY 2002-2012

[Fiscal Years; Millions of Dollars]

Program	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2002-2012
1. Medicaid	-	\$141,197	\$152,321	\$164,900	\$178,800	\$193,600	\$209,400	\$226,000	\$243,403	\$261,609	\$280,616	\$2,051,846
2. Foster Care	-	5,724	6,150	6,612	7,110	7,645	8,222	8,843	9,506	10,219	10,985	81,016
3. Adoption Assistance	-	1,564	1,804	2,061	2,360	2,675	3,034	3,442	3,903	4,426	5,019	30,289
4. Rehabilitation Services Basic Support	2,448	2,504	2,562	2,621	2,681	2,743	2,806	2,870	2,937	3,004	-	27,176
5. Substance Abuse Prevention and Treatment Block Grant	-	1,725	1,761	1,798	1,836	1,875	1,914	1,954	1,995	2,037	2,080	18,977
6. Social Services Block Grant	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	-	17,000
7. Vocational Education Basic Grants	1,113	1,137	1,161	1,185	1,210	1,236	1,262	1,288	1,315	1,343	-	12,252
8. Child Care and Development Block Grant	1,063	1,086	1,108	1,131	1,155	1,179	1,204	1,229	1,255	1,282	-	11,693
Total	\$6,324	\$156,637	\$168,567	\$182,009	\$196,853	\$212,653	\$229,542	\$247,327	\$266,014	\$285,620	\$298,701	\$2,250,248

Source: Administration Fiscal Year 2000 Budget and PricewaterhouseCoopers calculations.

Note: Baseline estimates are shown for the 10-year period over which funding levels are affected by Census 2000.

C. Funding Effect of Census 2000 Undercount on States

State allocation shares under federal grant programs are determined before the onset of the funding year; thus, state allocations for the current year are based on population estimates from several years earlier. The Census Bureau publishes population estimates for the years between decennial censuses. These estimates are based on the decennial population enumeration and are updated using administrative records (e.g., birth and death certificates). Consequently, errors in the decennial population count persist for ten years, until the next census enumeration. Consequently, the Census 2000 undercount will affect federal grant allocations over a ten-year period.

For example, the funding formula for the Social Services Block Grant program depends on population estimates from the second prior year. Thus, Census 2000 will affect Social Services Block Grant allocations over the 2002-2011 period. For the eight programs included in this report, Census 2000 will first affect grant allocations in either 2002 or 2003, and the effect will persist over the 2002-2011 or 2003-2012 period, depending on the program.

The effect of the Census 2000 undercount on the allocation of federal funds to states initially was calculated for a base year and then extrapolated to the 2002-2012 period. The base year for each grant program was determined as the most recent year for which data were available for all of the variables (other than population) in the funding formula. For example, the formula for Vocational Education depends on personal income by state as released by the Bureau of Economic Analysis (BEA). The most recent personal income figures available are for 1998; consequently, the base year for the Vocational Education program in this study is 2000.

Once a base year was established for each program, state funding allocations were calculated using both official and adjusted 2000 state population projections. These calculations take into account all elements of the current funding formulae, including hold harmless and minimum share provisions. Each state's share of national program funding in the base year could then be determined under both the official and adjusted 2000 population projections. The difference between these two shares of national program funding is an estimate of the impact of the Census 2000 undercount on the state's allocation of federal funds. For example, suppose that a state's share of federal program funds increases from 3.0 percent to 3.1 percent, in the base year, as a result of using adjusted versus official 2000 population projections. For this state, the effect of the Census 2000 undercount is estimated to be a loss of 0.1 percent (3.1 percent minus 3.0 percent) of national program funding.

For the eight federal grant programs analyzed in this study, the Census 2000 undercount is estimated to reduce federal funding in 26 states and the District of Columbia by \$9.1 billion over the 2002-2012 period (see Table 7). In 2003 alone, the undercount is estimated to reduce federal funds allocated to these states by \$636 million. By comparison, the General Accounting Office estimated that the effect of the 1990 census undercount on these federal programs was to shift \$449 million among states. The 42 percent increase in the estimated impact of the census

undercount between 1998 and 2003 (from \$449 million to \$636 million) reflects both the increase in the undercount rate between the 1990 and 2000 censuses and the underlying growth in federal grant programs.

States that are counted relatively well in the census are estimated to receive higher levels of federal funding as a result of the undercount; however, the additional federal funds received by these states are less than the loss of federal funds in the other states. The effect of census undercounts on the federal funding of *entitlement* programs is not a “zero-sum game” among the states because an increase in funding to one state does not require a reduction in funding to other states. For the federal programs analyzed in this study, federal funds allocated to all 50 states and the District of Columbia are estimated to be \$722 million less over the 2002-2012 fiscal year period as a result of the Census 2000 undercount.

In the District of Columbia and the 26 states that are estimated to lose federal funding as a result of the Census 2000 undercount, the losses of funds over the 2002-2012 period for the eight analyzed programs range between insignificant and over \$5,000 per person missed by the census in each jurisdictions (see Table 8).¹⁴ The funding loss in these states and the District of Columbia in 2003, the first year fully impacted by the undercount, averages \$159 per uncounted individual. This figure is comparable to GAO’s 1998 estimate of \$145 per uncounted individual.

Of the eight federal programs analyzed in this report, Medicaid accounts for 91 percent of the federal funds that would be shifted as a result of the Census 2000 undercount. As a percent of total program funding, the programs most affected by the Census 2000 undercount are Rehabilitation Services (0.62 percent) and the Child Care and Development Block Grant (0.58 percent). Table 9 summarizes the impact of the Census 2000 undercount by program.

¹⁴ Because of statutory provisions which guarantee minimum reimbursement rates, Medicaid funding for certain states would remain the same using either adjusted or unadjusted population counts. Some states, like New York, receive the minimum reimbursement of 50 percent of state expenditures under adjusted or unadjusted figures. The District of Columbia has a reimbursement rate set by statute at 70 percent. These areas experience significant undercounts, but the Medicaid minimum reimbursement provisions limit the federal funding losses from the undercount. Table F-5 in Appendix F lists the effect of the census undercount on state funding levels under the Medicaid program.

Table 7. Estimated Funding Effect of Census 2000 Undercount by State on Eight Federal Grant Programs, FY 2002-2012
[Fiscal Years; Millions of Dollars]

State	2002	2003	2004	2005	2006	2012	2002-2012	Percent of Total Funding
Alabama	-*	-\$0.1	-\$0.2	-\$0.2	-\$0.2	-\$0.3	-\$2.3	-0.01%
Alaska	-*	-1.5	-1.6	-1.8	-1.9	-3.0	-22.0	-0.36%
Arizona	-0.9	-14.4	-15.5	-16.7	-18.1	-26.8	-205.8	-0.71%
Arkansas	*	0.3	0.3	0.3	0.3	0.5	3.7	0.02%
California	-12.3	-350.9	-377.8	-408.0	-441.4	-672.8	-5,047.8	-2.15%
Colorado	-0.4	-0.5	-0.5	-0.5	-0.5	-0.2	-5.4	-0.03%
Connecticut	0.4	0.6	0.6	0.6	0.6	0.3	6.2	0.02%
Delaware	-*	-*	-*	-*	-*	0.0	-0.4	-0.01%
District of Columbia	-0.2	-0.2	-0.2	-0.2	-0.2	0.0	-2.1	-0.02%
Florida	-1.6	-35.5	-38.2	-41.2	-44.6	-67.3	-509.3	-0.61%
Georgia	-1.1	-19.0	-20.4	-22.1	-23.8	-35.5	-272.0	-0.62%
Hawaii	-*	-1.4	-1.5	-1.6	-1.8	-2.7	-20.3	-0.30%
Idaho	-0.1	-2.0	-2.2	-2.4	-2.5	-3.9	-29.1	-0.37%
Illinois	2.3	3.0	3.1	3.2	3.2	0.9	32.6	0.04%
Indiana	2.1	37.0	39.8	42.9	46.4	69.3	529.3	1.50%
Iowa	1.1	19.8	21.3	23.0	24.9	37.5	284.7	1.45%
Kansas	0.9	12.8	13.8	14.9	16.0	23.7	182.8	1.25%
Kentucky	0.2	3.7	3.9	4.2	4.6	6.9	52.3	0.13%
Louisiana	-0.5	-12.8	-13.7	-14.8	-16.1	-24.3	-183.6	-0.37%
Maine	0.4	10.6	11.4	12.3	13.4	20.4	152.8	1.01%
Maryland	-0.7	-0.8	-0.8	-0.8	-0.9	-0.1	-8.7	-0.03%
Massachusetts	1.6	2.1	2.1	2.1	2.2	0.5	22.1	0.04%
Michigan	3.1	77.3	83.3	90.0	97.4	148.9	1,116.5	1.50%
Minnesota	1.6	46.4	49.9	53.9	58.3	88.9	667.0	2.10%
Mississippi	-0.3	-4.3	-4.7	-5.0	-5.5	-8.1	-62.2	-0.21%
Missouri	1.7	46.5	50.1	54.1	58.5	88.8	668.5	1.39%
Montana	-0.2	-1.8	-1.9	-2.1	-2.2	-3.2	-25.2	-0.43%
Nebraska	0.5	11.9	12.8	13.9	15.0	22.7	171.2	1.26%
Nevada	-0.3	-1.7	-1.8	-1.9	-2.0	-2.5	-22.4	-0.34%
New Hampshire	0.3	0.3	0.3	0.3	0.3	0.0	3.1	0.04%
New Jersey	1.6	2.2	2.3	2.3	2.4	0.8	24.1	0.04%
New Mexico	-0.6	-11.1	-12.0	-12.9	-13.9	-20.9	-159.1	-0.94%
New York	0.1	-0.2	-0.2	-0.2	-0.2	-0.4	-1.8	-*
North Carolina	-0.4	-9.1	-9.8	-10.6	-11.5	-17.4	-131.2	-0.19%
North Dakota	0.2	2.8	3.0	3.3	3.5	5.2	40.1	0.77%
Ohio	3.3	86.3	92.9	100.3	108.5	164.7	1,240.1	1.37%
Oklahoma	-0.1	-1.0	-1.1	-1.1	-1.2	-1.8	-14.2	-0.06%
Oregon	-0.1	-3.9	-4.2	-4.6	-4.9	-7.5	-56.4	-0.24%
Pennsylvania	4.3	160.8	173.1	187.1	202.4	310.3	2,316.2	2.21%
Rhode Island	0.4	17.2	18.5	20.0	21.7	33.6	248.8	2.20%
South Carolina	-0.3	-5.7	-6.1	-6.6	-7.2	-10.8	-81.9	-0.23%
South Dakota	0.2	2.2	2.4	2.6	2.8	4.1	31.9	0.58%
Tennessee	-0.1	-1.1	-1.2	-1.3	-1.4	-2.2	-16.2	-0.03%
Texas	-7.0	-133.8	-143.8	-155.1	-167.6	-250.9	-1,912.2	-1.45%
Utah	0.3	0.1	0.1	0.1	0.1	-0.3	0.8	0.01%
Vermont	0.1	3.1	3.3	3.6	3.9	6.0	44.7	0.68%
Virginia	-0.7	-12.3	-13.3	-14.3	-15.5	-23.2	-176.7	-0.61%
Washington	-0.2	-8.7	-9.3	-10.1	-10.9	-16.8	-125.1	-0.32%
West Virginia	0.2	3.8	4.1	4.5	4.8	7.2	54.9	0.26%
Wisconsin	1.6	34.0	36.6	39.5	42.8	64.7	488.9	1.38%
Wyoming	-*	-0.9	-0.9	-1.0	-1.1	-1.6	-12.3	-0.42%
Total, United States	\$0.0	-\$49.8	-\$53.7	-\$58.1	-\$63.0	-\$98.6	-\$721.9	-0.03%
Funding Gains	\$28.7	\$586.1	\$630.4	\$680.3	\$735.4	\$1,106.2	\$8,396.3	0.38%
Funding Losses	-\$28.7	-\$636.0	-\$684.1	-\$738.4	-\$798.3	-\$1,204.8	-\$9,118.2	-0.42%

Source: PricewaterhouseCoopers calculations.

Note: An asterisk (*) denotes a gain of less than \$50,000; a negative asterisk (-*), a loss of less than \$50,000 or 0.005%.

Table 8. Estimated Funding Effect of Census 2000 Undercount on Eight Federal Programs: States with High Undercounts, FY 2002-2012

State	Funding Loss Per Uncounted Individual
Alabama	-\$28
Alaska	-1,609
Arizona	-1,677
California	-5,004
Colorado	-60
Delaware	-25
District of Columbia	-106
Florida	-1,512
Georgia	-1,514
Hawaii	-828
Idaho	-946
Louisiana	-1,847
Maryland	-72
Mississippi	-1,030
Montana	-1,105
Nevada	-463
New Mexico	-2,642
New York	-5
North Carolina	-870
Oklahoma	-226
Oregon	-839
South Carolina	-1,030
Tennessee	-159
Texas	-3,145
Virginia	-1,178
Washington	-1,086
Wyoming	-\$1,066

Source: PricewaterhouseCoopers calculations.

Table 9. Estimated Funding Effect of Census 2000 Undercount by Federal Grant Program, FY 2002-2012
[Millions of Dollars]

	Total Funding	State Funding Losses Due to Undercount	State Funding Gains Due to Undercount	Losses as a Percent of Total Funding	Gains as a Percent of Total Funding
Medicaid	\$1,996,846	-\$8,309	\$7,664	-0.42%	0.38%
Foster Care	80,991	-303	226	-0.37%	0.28%
Rehabilitation Services Basic Support	27,176	-169	169	-0.62%	0.62%
Social Services Block Grant	16,905	-63	63	-0.38%	0.38%
Substance Abuse Prevention and Treatment Block Grant	17,757	-89	89	-0.50%	0.50%
Adoption Assistance	30,289	-106	106	-0.35%	0.35%
Child Care and Development Block Grant	11,693	-67	67	-0.58%	0.58%
Vocational Education Basic Grants	11,394	-11	11	-0.10%	0.10%
Total	\$2,193,052	-\$9,118	\$8,396	-0.42%	0.38%

Source: PricewaterhouseCoopers calculations.

Note: Total funding levels reflect totals of amounts distributed to states. Amounts distributed to territories and undistributed amounts are excluded.

D. Funding Effect of Census 2000 Undercount on MSAs

This section analyzes the effect of the Census 2000 undercount on metropolitan areas. The metropolitan area effects are estimated under the assumption that states allocate federal funds among MSAs in proportion to their official census population counts.

The Census 2000 undercount can affect federal funding to metropolitan areas in two ways. First, the undercount at the state level affects the allocation of funds among the states, which alters the amount of funds that states have available to pass through to local governments (the “between-state” funding effect). For example, the Census 2000 undercount is estimated to cause the state of Illinois to receive a larger share of the federal funds under the programs analyzed than it would with an accurate census count (other states, therefore, receive a smaller share because of the undercount). Metropolitan areas in the state, such as Chicago, benefit from the fact that the state receives these additional funds. The *between-state* effect measures the effect on metropolitan areas of the funding shifts among the states due to the census undercount.

Second, the undercount at the local level may affect a state’s allocation of federal funds among its counties (the “within-state” funding effect). Assuming the state allocates funds to local areas within the state using population counts, any undercount would distort the flow of funds within the state. Because Chicago is estimated to experience a high undercount rate relative to the other areas in Illinois, it receives a smaller share of the state funds than it would have gotten under an accurate census count. Therefore, it experiences a negative within-state effect. The *within-state* effect measures the impact of the undercount on funding allocations within states.

The “net” funding effect of the census undercount on a metropolitan area is the sum of the between-state and within-state funding effects. Because the between-state and within-state effects could have the same or different signs, the *net* effect could be larger or smaller than the between-state or within-state effects alone.

1. Between-State Funding Effect

For the metropolitan areas within each state, the between-state funding effect was estimated in three steps. First, the effect of the Census 2000 undercount on the state’s level of federal funding was calculated for the 2002-2012 period (see section III.C., above). Second, the funding effect at the state level was apportioned among the counties in proportion to their *unadjusted* population counts. Third, between-state funding effects at the MSA level were determined by summing the county-level effects. Thus, metropolitan areas in states that lose federal funding as a result of the Census 2000 undercount are each estimated to share proportionately in this funding loss.

2. Within-State Funding Effect

For the metropolitan areas within each state, the within-state funding effect was estimated in five steps. First, the state's share of federal funding over the 2002-2012 period was determined based on adjusted 2000 population counts (as described in section III.C., above). Second, state funding was apportioned among the counties in proportion to their projected 2000 *adjusted* census counts. Third, state funding was apportioned among the counties in proportion to their projected 2000 *official* (unadjusted) census counts. Fourth, the within-state funding effect was estimated by subtracting the county funding levels determined in step two (based on *adjusted* population counts) from step three (based on *official* population counts). Finally, within-state funding effects at the MSA level were determined by aggregating the county-level effects.

Metropolitan areas with an undercount rate higher than the overall state average have a negative within-state funding effect, while relatively well counted areas have a positive within-state funding effect.

3. Net Funding Effect

For the metropolitan areas within each state, the net funding effect of the Census 2000 undercount over the 2002-2012 period was calculated as the sum of the between-state and within-state funding effects. For any metropolitan area, these two funding effects can work in the same or opposite directions. For example, Chicago is estimated to have a *positive* \$22 million *between-state* funding effect, because the State of Illinois is relatively well counted by the census. However, Chicago is estimated to have a *negative* \$147 million *within-state* funding effect because it is relatively poorly counted by the census compared to other jurisdictions within the state. Thus, the *net* federal funding effect in Chicago of the Census 2000 undercount is *negative* \$125 million (\$147 million less \$22 million) over the 2002-2012 period, because the funding loss from the within-state effect is larger than the funding gain from the between-state effect.

In total, the 169 metropolitan areas adversely affected by the undercount lose \$11.1 billion in federal funding over the 2002-2012 period, or \$3,391 per uncounted person in these jurisdictions. The within-state effects cause the sum of the losses by metropolitan areas adversely affected by the undercount to exceed the loss by states adversely affected by the undercount (\$9.1 billion).

Table 10 shows the net funding effect of the Census 2000 undercount on the 25 MSAs that are estimated to experience the largest loss in federal funding over the 2002-2012 period. The New York, NY metropolitan area is estimated to suffer the largest federal funding loss (\$2.3 billion), followed by Los Angeles-Long Beach, CA (\$1.8 billion) and Houston, TX (\$0.5 billion). Results for all MSAs are shown in Appendix G.

This analysis only considers the effect of the Census 2000 undercount on *federal* funds allocated to local governments. Because a variety of *state* grant programs are also distributed to local governments on the basis of official population counts, the total shift in funds from federal and state grant programs will likely be larger than the estimates in this report.

Table 10. Estimated Effect of Census 2000 Undercount on Eight Federal Grant Programs: 25 MSAs with Largest Funding Losses, FY 2002-2012

[Dollar amounts in thousands]

MSA	Net Funding Effect
1. New York, NY PMSA	-\$2,260,671
2. Los Angeles-Long Beach, CA PMSA	-1,836,419
3. Houston, TX PMSA	-488,298
4. Riverside-San Bernardino, CA PMSA	-441,468
5. San Diego, CA MSA	-371,816
6. Miami, FL PMSA	-301,651
7. Oakland, CA PMSA	-299,321
8. Dallas, TX PMSA	-298,844
9. Orange County, CA PMSA	-296,314
10. San Antonio, TX MSA	-226,421
11. Fresno, CA MSA	-209,253
12. San Jose, CA PMSA	-188,284
13. San Francisco, CA PMSA	-179,890
14. Atlanta, GA MSA	-157,499
15. Sacramento, CA PMSA	-157,478
16. Austin-San Marcos, TX MSA	-137,984
17. El Paso, TX MSA	-133,519
18. Chicago, IL PMSA	-124,952
19. Fort Worth-Arlington, TX PMSA	-115,273
20. Jersey City, NJ PMSA	-110,615
21. Bakersfield, CA MSA	-107,199
22. Stockton-Lodi, CA MSA	-99,667
23. McAllen-Edinburg-Mission, TX MSA	-99,185
24. New Orleans, LA MSA	-97,116
25. Newark, NJ PMSA	-\$88,969

Source: PricewaterhouseCoopers calculations.

E. Funding Effect of Census 2000 Undercount on Center Counties

The demographic make-up of the central city within a metropolitan area frequently is quite different than the surrounding suburbs. As a result, census undercount rates can vary dramatically between the central city and the surrounding metropolitan area, and this can affect the allocation of federal grants within metropolitan areas. These intra-metropolitan area funding effects are shown in Table 11, which reports the net effect of the Census 2000 undercount on federal funding to the 25 center counties most adversely affected by the undercount. (Funding effects for all center counties are contained in Appendix H.) The center county within an MSA is the county that contains the MSA's central city. For central cities that span several counties, funding effects are reported for each county that includes part of the central city.

The three center counties that are estimated to suffer the largest loss in federal funding over the 2002-2012 period as a result of the Census 2000 undercount are: Los Angeles County, CA (\$1.8 billion); Kings County, NY (\$1.0 billion); and Bronx County, NY (\$0.8 billion).

Because this analysis ignores any state and metropolitan programs that could contribute funds to counties, the figures presented here could underestimate the impact of the Census 2000 undercount. If state and local programs rely on population counts to distribute funds to counties, the distortions caused by the undercount could be larger.

Table 11. Estimated Effect of Census 2000 Undercount on Eight Federal Grant Programs: 25 Center Counties with the Largest Funding Loss, FY 2002-2012

[Dollar amounts in thousands]

Center County	Net Funding Effect
1. Los Angeles County, CA	-\$1,836,419
2. Kings County, NY ^a	-963,822
3. Bronx County, NY ^a	-760,928
4. New York County, NY ^a	-643,772
5. Harris County, TX	-453,026
6. San Diego County, CA	-371,816
7. Miami-Dade County, FL	-301,651
8. Orange County, CA	-296,314
9. Dallas County, TX	-255,883
10. Queens County, NY ^a	-251,623
11. San Bernardino County, CA	-234,917
12. Alameda County, CA	-232,643
13. Cook County, IL	-219,003
14. Bexar County, TX	-216,515
15. Riverside County, CA	-206,551
16. Santa Clara County, CA	-188,284
17. Fresno County, CA	-181,270
18. Suffolk County, MA	-154,058
19. El Paso County, TX	-133,519
20. Sacramento County, CA	-132,891
21. Essex County, NJ	-131,641
22. San Francisco County, CA	-113,461
23. Tarrant County, TX	-113,168
24. Hudson County, NJ	-110,615
25. Travis County, TX	-\$108,483

Source: PricewaterhouseCoopers calculations.

^a Although New York County, NY is the sole “center” county for New York City, the counties containing the other boroughs of New York City have also been included in the analysis.

IV. CONCLUSION

Congress relies on the census for purposes of allocating various federal grant programs to state governments. Inaccuracies in the census count can cause federal funds to be distributed in a way that is not fully consistent with congressional intent. Many state-funded grant programs to localities also rely on census counts, compounding the misallocation of grant money. From the perspective of jurisdictions that are counted relatively poorly by the census, this translates into fewer services provided by programs that generally are directed towards families with special needs. By participating in Census 2000, all Americans can help ensure that their communities are not short-changed in the allocation of federal and state program funding.

This study expands on previous research by the GAO and U.S. Conference of Mayors. First, the Census 2000 undercount is estimated using updated demographic characteristics that affect undercount rates. Second, the funding effects of the undercount are estimated for the entire decade affected by the census figures.

Using information from the 1990 census, the 1990 Post-Enumeration Survey, and more recent census estimates, PwC projects Census 2000 will underestimate the actual population by almost five million individuals, representing an undercount rate of 1.75 percent of the true population. Using demographic analysis of confidential administrative records to supplement undercount factors from the Post-Enumeration Survey, the Census Bureau has estimated that the Census 2000 undercount rate will be 1.9 percent of the true population.

Members of minority groups and children experience undercount rates that exceed those for the rest of the population. The net undercount rate for children is estimated to reach 3.36 percent, and the rate for certain minority groups exceeds five percent.

The census undercount affects the flow of federal funds to metropolitan areas both because it shifts federal resources among state governments and because it alters the way states allocate funds to localities. Because of the high undercount in urban areas, the shift in federal funds due to the Census 2000 undercount is particularly large in metropolitan areas and center counties.

For the eight federal grant programs analyzed in this study, the Census 2000 undercount is estimated to cause the District of Columbia and 26 states adversely affected by the undercount to lose \$9.1 billion in federal funding over the 2002-2012 fiscal year period. The shift in federal funds due to the Census 2000 undercount is particularly large in metropolitan areas because relatively poorly counted demographic groups are concentrated in urban areas. These areas not only share in state losses from the undercount but also lose funds to other localities within the state because of the high relative undercounts of urban areas. The federal funding loss to the 169 metropolitan areas adversely affected by the undercount is estimated to reach \$11.1 billion over the period, or \$3,391 per uncouned person in these jurisdictions. Because this report does not include all population-based federal programs or any of

the state programs distributed using census data, these estimates should be treated as conservative.

The census undercount not only redistributes funds among jurisdictions, it also causes a net loss in federal funding to the states from entitlement programs such as Medicaid and Foster Care. For the programs included in this study, the Census 2000 undercount is estimated to reduce federal funds to *all* states combined by \$722 million over the 2002-2012 period.

APPENDICES

**Appendix A: 2000 Population Projections and Estimated Undercounts by State
by Demographic Group**

Table A-1. Unadjusted Year 2000 Census Population Projection by State, Age, Hispanic Origin, and Race

State	State/US Total	Total, Under 18	Age Under 18							
			Hispanic				Non-Hispanic			
			White	Black	American Indian	Asian/Pacific Is.	White	Black	American Indian	Asian/Pacific Is.
United States	274,633,905	70,781,407	10,014,370	663,336	127,362	228,528	45,375,994	10,604,891	696,366	3,070,560
Alabama	4,450,583	1,104,468	9,465	1,150	169	440	729,195	351,371	3,710	8,968
Alaska	653,293	200,568	9,122	754	465	481	126,392	8,791	38,995	15,568
Arizona	4,797,526	1,312,642	382,601	10,413	12,975	5,568	730,136	47,755	97,843	25,351
Arkansas	2,631,383	653,862	10,557	820	262	302	497,200	135,272	4,132	5,317
California	32,521,102	9,350,149	3,771,138	101,282	43,478	90,797	3,470,988	648,984	43,843	1,179,639
Colorado	4,168,224	1,049,427	185,164	7,269	4,150	3,426	756,855	54,211	9,410	28,942
Connecticut	3,284,142	791,018	87,266	12,187	868	1,448	573,684	92,362	1,333	21,870
Delaware	767,559	190,171	7,143	1,258	85	216	132,803	44,194	452	4,020
District of Columbia	523,328	125,540	8,174	2,153	111	2,152	25,933	83,929	171	2,917
Florida	15,233,224	3,506,925	571,256	52,962	3,813	8,652	2,067,450	733,197	8,770	60,825
Georgia	7,874,792	2,069,354	53,350	5,643	678	1,690	1,242,687	722,392	3,328	39,586
Hawaii	1,257,404	328,839	21,143	1,667	975	19,516	70,590	5,908	1,326	207,714
Idaho	1,346,506	377,236	35,972	1,016	1,116	694	325,600	1,857	6,244	4,737
Illinois	12,050,818	3,140,343	422,904	19,412	2,875	7,556	1,972,664	599,920	4,309	110,703
Indiana	6,044,528	1,517,111	40,701	2,859	567	1,072	1,296,622	155,692	3,062	16,536
Iowa	2,899,829	705,395	16,933	921	437	532	649,382	20,844	2,850	13,496
Kansas	2,668,263	698,076	45,371	2,558	1,229	1,089	570,123	55,958	7,088	14,660
Kentucky	3,994,566	962,092	8,357	854	158	463	858,353	84,755	1,415	7,737
Louisiana	4,424,618	1,213,834	26,099	2,981	467	1,729	672,829	486,539	5,133	18,057
Maine	1,259,170	292,733	2,616	265	61	116	283,780	1,229	1,726	2,940
Maryland	5,274,608	1,318,962	48,466	8,972	589	6,624	770,771	423,830	3,100	56,610
Massachusetts	6,198,746	1,495,987	121,114	38,889	1,358	2,196	1,143,613	110,826	2,584	75,407
Michigan	9,678,943	2,495,197	79,423	6,712	1,992	1,945	1,885,038	457,460	16,312	46,315
Minnesota	4,829,798	1,236,236	30,202	2,451	1,403	1,303	1,064,971	55,971	24,315	55,620
Mississippi	2,815,743	766,855	5,307	733	92	179	410,250	341,031	3,101	6,162
Missouri	5,540,378	1,392,230	25,123	1,890	682	897	1,134,505	205,727	5,721	17,685
Montana	949,657	239,751	6,395	330	541	168	204,668	933	24,289	2,427
Nebraska	1,705,467	443,596	20,317	1,024	477	512	383,726	24,132	6,066	7,342
Nevada	1,871,299	450,570	84,025	3,495	1,941	2,466	292,616	39,002	6,990	20,035
New Hampshire	1,224,230	304,562	5,152	687	64	98	291,793	2,140	605	4,023
New Jersey	8,177,791	2,004,061	267,915	48,723	1,961	6,125	1,224,257	330,143	3,994	120,943
New Mexico	1,860,397	534,676	234,688	5,643	4,916	2,567	205,925	9,932	64,743	6,262
New York	18,146,185	4,620,574	687,218	207,660	5,732	13,469	2,611,354	820,258	14,389	260,494
North Carolina	7,777,253	1,907,829	33,504	3,719	594	1,403	1,286,818	527,250	28,206	26,335
North Dakota	661,689	167,733	2,517	139	139	89	147,381	1,307	14,359	1,802
Ohio	11,318,718	2,816,476	50,604	5,428	881	1,304	2,300,774	414,410	4,684	38,391
Oklahoma	3,372,514	860,897	38,563	2,699	3,514	1,339	621,950	90,521	88,973	13,338
Oregon	3,397,161	809,667	63,980	2,124	2,169	1,869	676,843	18,277	13,423	30,982
Pennsylvania	12,202,050	2,902,303	99,563	16,868	1,103	3,112	2,341,792	372,628	4,091	63,146
Rhode Island	997,607	244,722	22,428	5,084	437	621	189,719	14,844	1,684	9,905
South Carolina	3,858,023	969,625	11,104	1,480	178	659	589,360	356,146	2,000	8,698
South Dakota	777,073	210,147	2,814	181	341	80	175,244	1,630	28,026	1,831
Tennessee	5,657,161	1,376,305	15,246	1,439	276	530	1,046,162	293,723	3,058	15,871
Texas	20,119,335	5,708,788	2,047,238	50,051	12,467	19,408	2,657,688	754,506	14,539	152,891
Utah	2,207,013	719,151	48,473	1,970	1,422	1,326	623,662	6,183	15,140	20,975
Vermont	616,803	151,580	1,488	158	24	77	146,576	914	470	1,873
Virginia	6,997,006	1,696,537	69,785	7,170	835	3,432	1,136,323	405,687	3,300	70,005
Washington	5,858,392	1,459,829	120,340	5,153	4,480	5,307	1,139,854	52,535	31,441	100,719
West Virginia	1,840,983	403,489	2,888	275	48	223	381,400	15,402	458	2,795
Wisconsin	5,326,324	1,344,623	42,189	3,330	1,349	1,069	1,118,921	120,938	16,232	40,595
Wyoming	524,700	138,666	10,969	435	418	192	118,774	1,445	4,933	1,500

See note at end of table.

Table A-1. Unadjusted Year 2000 Census Population Projection by State, Age, Hispanic Origin, and Race, continued

State	State/US Total	Total, 18 and Over	Age 18 and Over							
			Hispanic				Non-Hispanic			
			White	Black	American Indian	Asian/Pacific Is.	White	Black	American Indian	Asian/Pacific Is.
United States	274,633,905	203,852,498	18,456,734	1,222,935	219,910	432,359	151,685,250	22,963,371	1,358,368	7,513,571
Alabama	4,450,583	3,346,115	21,824	2,274	294	679	2,502,106	781,871	13,533	23,534
Alaska	653,293	452,725	16,404	1,086	633	896	334,942	17,975	51,945	28,844
Arizona	4,797,526	3,484,884	616,163	16,263	16,666	9,818	2,522,950	102,333	134,393	66,298
Arkansas	2,631,383	1,977,521	20,963	1,508	430	560	1,657,559	272,159	11,055	13,287
California	32,521,102	23,170,953	6,183,781	185,295	78,174	191,780	12,090,860	1,488,557	126,154	2,826,352
Colorado	4,168,224	3,118,797	369,374	11,504	6,964	6,293	2,510,922	124,182	20,758	68,800
Connecticut	3,284,142	2,493,124	163,136	18,528	1,192	2,697	2,048,580	200,416	4,426	54,149
Delaware	767,559	577,388	14,208	2,004	137	332	449,808	98,405	1,627	10,867
District of Columbia	523,328	397,788	23,341	3,854	356	648	126,476	231,505	680	10,928
Florida	15,233,224	11,726,299	1,612,042	114,091	8,905	19,149	8,337,477	1,426,520	30,143	177,972
Georgia	7,874,792	5,805,438	112,727	11,737	1,345	3,172	4,027,310	1,539,676	12,012	97,459
Hawaii	1,257,404	928,565	38,856	2,332	1,031	22,153	292,200	20,671	3,298	548,024
Idaho	1,346,506	969,270	53,125	1,428	1,955	1,053	885,865	4,244	11,503	10,097
Illinois	12,050,818	8,910,475	761,041	32,018	6,051	16,233	6,580,952	1,212,731	13,882	287,567
Indiana	6,044,528	4,527,417	87,281	5,227	1,031	1,713	4,041,284	339,244	10,316	41,321
Iowa	2,899,829	2,194,434	31,353	1,397	665	830	2,087,265	39,588	5,222	28,114
Kansas	2,668,263	1,970,187	80,281	4,108	1,966	1,827	1,722,870	110,843	15,613	32,679
Kentucky	3,994,566	3,032,474	19,897	1,818	301	731	2,785,185	200,200	4,878	19,464
Louisiana	4,424,618	3,210,784	77,288	7,410	990	1,953	2,118,753	951,827	12,808	39,755
Maine	1,259,170	966,437	5,691	395	89	181	946,240	3,288	4,042	6,511
Maryland	5,274,608	3,955,646	127,244	18,033	1,437	4,275	2,599,702	1,038,967	10,374	155,614
Massachusetts	6,198,746	4,702,759	219,963	45,672	2,260	4,954	4,038,422	220,775	7,752	162,961
Michigan	9,678,943	7,183,746	151,377	11,478	3,322	3,448	5,904,766	960,044	38,845	110,466
Minnesota	4,829,798	3,593,562	52,161	3,307	1,613	2,000	3,322,581	95,962	36,178	79,760
Mississippi	2,815,743	2,048,888	13,677	2,126	208	450	1,344,188	668,907	5,548	13,784
Missouri	5,540,378	4,148,148	55,081	3,578	1,032	1,695	3,610,904	416,019	16,486	43,353
Montana	949,657	709,906	11,572	474	722	267	655,755	2,536	33,835	4,745
Nebraska	1,705,467	1,261,871	34,736	1,539	763	774	1,155,682	45,852	8,156	14,369
Nevada	1,871,299	1,420,729	168,873	6,789	3,375	4,986	1,073,137	88,828	17,877	56,864
New Hampshire	1,224,230	919,668	9,884	958	106	208	891,507	5,075	1,740	10,190
New Jersey	8,177,791	6,173,730	616,575	87,060	4,337	12,588	4,333,380	774,379	10,304	335,107
New Mexico	1,860,397	1,325,721	468,249	9,035	6,771	4,692	705,833	24,094	91,974	15,073
New York	18,146,185	13,525,611	1,419,551	423,713	14,171	33,097	9,028,849	1,848,100	38,036	720,094
North Carolina	7,777,253	5,869,424	69,576	7,804	1,159	2,078	4,461,156	1,198,481	63,431	65,739
North Dakota	661,689	493,956	4,118	218	181	151	464,206	3,404	17,786	3,892
Ohio	11,318,718	8,502,242	112,199	9,186	1,468	2,734	7,371,269	891,583	15,835	97,968
Oklahoma	3,372,514	2,511,617	67,197	4,011	4,249	1,969	2,031,124	185,588	183,633	33,846
Oregon	3,397,161	2,587,494	112,858	3,721	3,285	3,306	2,312,986	41,325	31,315	78,698
Pennsylvania	12,202,050	9,299,747	180,811	26,004	1,814	5,036	8,118,663	808,419	11,727	147,273
Rhode Island	997,607	752,885	37,224	8,358	477	1,118	660,817	25,790	2,549	16,552
South Carolina	3,858,023	2,888,398	25,445	3,145	334	988	2,034,724	795,290	6,264	22,208
South Dakota	777,073	566,926	4,690	234	367	122	522,678	3,402	31,855	3,578
Tennessee	5,657,161	4,280,856	35,224	3,298	494	1,162	3,561,178	631,299	9,488	38,713
Texas	20,119,335	14,410,547	3,599,091	87,439	22,892	36,647	8,614,515	1,651,878	45,676	352,409
Utah	2,207,013	1,487,862	77,215	2,383	1,918	1,830	1,337,168	11,560	18,175	37,613
Vermont	616,803	465,223	3,732	266	35	83	454,077	1,863	1,323	3,844
Virginia	6,997,006	5,300,469	164,038	14,597	2,154	6,192	3,924,980	988,717	12,279	187,512
Washington	5,858,392	4,398,563	198,327	8,623	7,354	10,138	3,741,848	126,612	64,112	241,549
West Virginia	1,840,983	1,437,494	8,129	529	101	236	1,376,508	41,960	1,931	8,100
Wisconsin	5,326,324	3,981,701	78,329	4,502	1,761	2,071	3,612,372	197,454	28,739	56,473
Wyoming	524,700	386,034	20,812	578	575	366	350,671	2,973	6,857	3,202

See note at end of table.

Table A-1. Unadjusted Year 2000 Census Population Projection by State, Age, Hispanic Origin, and Race, continued

State	State/US Total	All Ages							
		Hispanic				Non-Hispanic			
		White	Black	American Indian	Asian/Pacific Is.	White	Black	American Indian	Asian/Pacific Is.
United States	274,633,905	28,471,104	1,886,271	347,272	660,887	197,061,244	33,568,262	2,054,734	10,584,131
Alabama	4,450,583	31,289	3,424	463	1,119	3,231,301	1,133,242	17,243	32,502
Alaska	653,293	25,526	1,840	1,098	1,377	461,334	26,766	90,940	44,412
Arizona	4,797,526	998,764	26,676	29,641	15,386	3,253,086	150,088	232,236	91,649
Arkansas	2,631,383	31,520	2,328	692	862	2,154,759	407,431	15,187	18,604
California	32,521,102	9,954,919	286,577	121,652	282,577	15,561,848	2,137,541	169,997	4,005,991
Colorado	4,168,224	554,538	18,773	11,114	9,719	3,267,777	178,393	30,168	97,742
Connecticut	3,284,142	250,402	30,715	2,060	4,145	2,622,264	292,778	5,759	76,019
Delaware	767,559	21,351	3,262	222	548	582,611	142,599	2,079	14,887
District of Columbia	523,328	31,515	6,007	467	2,800	152,409	315,434	851	13,845
Florida	15,233,224	2,183,298	167,053	12,718	27,801	10,404,927	2,159,717	38,913	238,797
Georgia	7,874,792	166,077	17,380	2,023	4,862	5,269,997	2,262,068	15,340	137,045
Hawaii	1,257,404	59,999	3,999	2,006	41,669	362,790	26,579	4,624	755,738
Idaho	1,346,506	89,097	2,444	3,071	1,747	1,211,465	6,101	17,747	14,834
Illinois	12,050,818	1,183,945	51,430	8,926	23,789	8,553,616	1,812,651	18,191	398,270
Indiana	6,044,528	127,982	8,086	1,598	2,785	5,337,906	494,936	13,378	57,857
Iowa	2,899,829	48,286	2,318	1,102	1,362	2,736,647	60,432	8,072	41,610
Kansas	2,668,263	125,652	6,666	3,195	2,916	2,292,993	166,801	22,701	47,339
Kentucky	3,994,566	28,254	2,672	459	1,194	3,643,538	284,955	6,293	27,201
Louisiana	4,424,618	103,387	10,391	1,457	3,682	2,791,582	1,438,366	17,941	57,812
Maine	1,259,170	8,307	660	150	297	1,230,020	4,517	5,768	9,451
Maryland	5,274,608	175,710	27,005	2,026	10,899	3,370,473	1,462,797	13,474	212,224
Massachusetts	6,198,746	341,077	84,561	3,618	7,150	5,182,035	331,601	10,336	238,368
Michigan	9,678,943	230,800	18,190	5,314	5,393	7,789,804	1,417,504	55,157	156,781
Minnesota	4,829,798	82,363	5,758	3,016	3,303	4,387,552	151,933	60,493	135,380
Mississippi	2,815,743	18,984	2,859	300	629	1,754,438	1,009,938	8,649	19,946
Missouri	5,540,378	80,204	5,468	1,714	2,592	4,745,409	621,746	22,207	61,038
Montana	949,657	17,967	804	1,263	435	860,423	3,469	58,124	7,172
Nebraska	1,705,467	55,053	2,563	1,240	1,286	1,539,408	69,984	14,222	21,711
Nevada	1,871,299	252,898	10,284	5,316	7,452	1,365,753	127,830	24,867	76,899
New Hampshire	1,224,230	15,036	1,645	170	306	1,183,300	7,215	2,345	14,213
New Jersey	8,177,791	884,490	135,783	6,298	18,713	5,557,637	1,104,522	14,298	456,050
New Mexico	1,860,397	702,937	14,678	11,687	7,259	911,758	34,026	156,717	21,335
New York	18,146,185	2,106,769	631,373	19,903	46,566	11,640,203	2,668,358	52,425	980,588
North Carolina	7,777,253	103,080	11,523	1,753	3,481	5,747,974	1,725,731	91,637	92,074
North Dakota	661,689	6,635	357	320	240	611,587	4,711	32,145	5,694
Ohio	11,318,718	162,803	14,614	2,349	4,038	9,672,043	1,305,993	20,519	136,359
Oklahoma	3,372,514	105,760	6,710	7,763	3,308	2,653,074	276,109	272,606	47,184
Oregon	3,397,161	176,838	5,845	5,454	5,175	2,989,829	59,602	44,738	109,680
Pennsylvania	12,202,050	280,374	42,872	2,917	8,148	10,460,455	1,181,047	15,818	210,419
Rhode Island	997,607	59,652	13,442	914	1,739	850,536	40,634	4,233	26,457
South Carolina	3,858,023	36,549	4,625	512	1,647	2,624,084	1,151,436	8,264	30,906
South Dakota	777,073	7,504	415	708	202	697,922	5,032	59,881	5,409
Tennessee	5,657,161	50,470	4,737	770	1,692	4,607,340	925,022	12,546	54,584
Texas	20,119,335	5,646,329	137,490	35,359	56,055	11,272,203	2,406,384	60,215	505,300
Utah	2,207,013	125,688	4,353	3,340	3,156	1,960,830	17,743	33,315	58,588
Vermont	616,803	5,220	424	59	160	600,653	2,777	1,793	5,717
Virginia	6,997,006	233,823	21,767	2,989	9,624	5,061,303	1,394,404	15,579	257,517
Washington	5,858,392	318,667	13,776	11,834	15,445	4,881,702	179,147	95,553	342,268
West Virginia	1,840,983	11,017	804	149	459	1,757,908	57,362	2,389	10,895
Wisconsin	5,326,324	120,518	7,832	3,110	3,140	4,731,293	318,392	44,971	97,068
Wyoming	524,700	31,781	1,013	993	558	469,445	4,418	11,790	4,702

Source: U.S. Census Bureau.

Note: Since preparation of this report, Census has released revised national population projections for 2000 to 275,306,000. The projections used here are from Census Bureau report PPL-47 (See footnote 5 in text).

Table A-2. Adjusted Year 2000 Census Population Projection by State, Age, Hispanic Origin, and Race

State	State/US Total	Total, Under 18	Age Under 18							
			Hispanic				Non-Hispanic			
			White	Black	American Indian	Asian/Pacific Is.	White	Black	American Indian	Asian/Pacific Is.
United States	279,520,570	73,243,504	10,536,254	708,819	134,951	239,442	46,302,197	11,404,654	745,513	3,171,674
Alabama	4,529,922	1,151,402	9,975	1,230	180	456	752,528	373,929	3,830	9,274
Alaska	666,937	206,404	9,520	804	477	499	130,211	9,333	39,472	16,087
Arizona	4,920,243	1,367,529	401,322	11,280	13,891	5,811	745,157	53,758	110,305	26,005
Arkansas	2,677,467	680,807	11,263	878	276	312	514,177	144,139	4,306	5,457
California	33,529,783	9,781,047	3,980,558	110,534	46,053	95,279	3,546,229	734,766	45,459	1,222,168
Colorado	4,258,653	1,087,019	194,563	7,962	4,391	3,572	775,469	61,490	9,780	29,792
Connecticut	3,312,393	806,331	91,249	12,956	909	1,521	576,189	99,676	1,353	22,478
Delaware	782,464	198,255	7,623	1,358	91	229	137,201	47,187	470	4,096
District of Columbia	542,830	133,693	8,881	2,321	120	2,286	26,934	89,904	180	3,068
Florida	15,569,941	3,675,911	608,875	56,388	4,078	9,018	2,143,863	782,140	9,259	62,290
Georgia	8,054,395	2,165,827	57,342	6,051	721	1,792	1,284,947	770,617	3,476	40,881
Hawaii	1,281,917	340,324	22,411	1,866	1,030	20,463	72,406	6,690	1,355	214,102
Idaho	1,377,221	391,935	38,373	1,073	1,215	724	336,866	1,978	6,863	4,843
Illinois	12,182,404	3,217,767	433,084	20,343	2,951	7,798	1,994,315	641,400	4,403	113,471
Indiana	6,075,839	1,542,971	41,317	2,989	580	1,104	1,311,085	165,875	3,103	16,917
Iowa	2,913,111	714,467	17,488	977	462	548	655,900	22,241	2,941	13,909
Kansas	2,689,010	710,737	46,799	2,688	1,278	1,131	576,733	59,711	7,279	15,119
Kentucky	4,058,881	998,750	8,861	908	167	492	888,329	90,523	1,484	7,986
Louisiana	4,523,993	1,271,513	27,587	3,190	495	1,822	695,377	519,052	5,330	18,661
Maine	1,268,481	297,469	2,760	288	63	122	288,067	1,308	1,837	3,024
Maryland	5,395,635	1,379,899	51,596	9,596	624	6,910	797,371	452,775	3,269	57,759
Massachusetts	6,244,609	1,520,773	127,012	41,392	1,426	2,302	1,147,705	119,628	2,629	78,679
Michigan	9,751,789	2,549,347	81,443	7,025	2,063	2,009	1,905,564	487,101	16,742	47,401
Minnesota	4,855,828	1,255,301	30,752	2,573	1,462	1,346	1,075,378	60,077	25,881	57,832
Mississippi	2,876,098	803,210	5,579	782	100	191	423,276	363,415	3,433	6,434
Missouri	5,576,552	1,419,773	25,499	1,973	705	919	1,147,267	219,414	5,830	18,166
Montana	972,459	250,701	6,726	369	592	175	212,100	987	27,259	2,493
Nebraska	1,717,719	450,902	21,028	1,061	506	533	387,910	25,846	6,476	7,542
Nevada	1,919,561	468,914	88,567	3,836	2,082	2,605	299,444	44,228	7,525	20,627
New Hampshire	1,234,846	309,183	5,399	730	67	104	295,868	2,277	621	4,117
New Jersey	8,250,120	2,047,051	277,587	51,744	2,022	6,368	1,222,643	358,967	4,012	123,707
New Mexico	1,920,618	559,059	243,721	6,091	5,211	2,656	211,586	10,868	72,466	6,460
New York	18,474,607	4,754,512	717,861	220,655	5,990	14,211	2,622,008	887,959	14,800	271,028
North Carolina	7,928,110	1,989,675	35,903	3,991	637	1,502	1,328,585	562,355	29,541	27,162
North Dakota	666,663	171,013	2,657	152	151	97	148,839	1,395	15,856	1,865
Ohio	11,400,840	2,876,272	51,961	5,698	908	1,351	2,329,181	443,038	4,757	39,378
Oklahoma	3,435,350	896,788	41,010	2,876	3,753	1,404	644,606	96,606	92,824	13,709
Oregon	3,464,440	838,730	68,105	2,325	2,312	1,966	697,441	20,581	14,122	31,879
Pennsylvania	12,250,280	2,959,546	103,290	17,850	1,138	3,256	2,358,228	406,903	4,136	64,746
Rhode Island	1,001,737	248,057	23,379	5,406	453	656	190,065	16,038	1,698	10,363
South Carolina	3,937,527	1,013,750	11,794	1,578	194	695	609,058	379,402	2,077	8,952
South Dakota	785,318	215,437	2,963	189	368	85	176,875	1,738	31,334	1,885
Tennessee	5,758,958	1,434,204	16,127	1,529	299	551	1,082,625	313,526	3,177	16,371
Texas	20,727,421	5,982,252	2,162,797	53,381	13,252	20,408	2,754,874	805,063	15,222	157,255
Utah	2,246,639	738,175	50,894	2,151	1,501	1,378	637,363	6,999	16,345	21,544
Vermont	623,862	154,551	1,568	163	26	84	149,334	975	493	1,908
Virginia	7,147,001	1,772,444	74,687	7,667	896	3,596	1,176,945	433,571	3,471	71,611
Washington	5,973,573	1,511,697	128,237	5,648	4,848	5,560	1,170,517	59,303	33,643	103,942
West Virginia	1,866,397	417,381	3,046	291	50	231	394,035	16,400	478	2,852
Wisconsin	5,363,914	1,370,882	43,799	3,546	1,430	1,117	1,130,794	129,971	17,383	42,840
Wyoming	536,215	143,866	11,417	464	457	198	122,729	1,531	5,527	1,542

Table A-2. Adjusted Year 2000 Census Population Projection by State, Age, Hispanic Origin, and Race, continued

State	State/US Total	Total, 18 and Over	Age 18 and Over							
			Hispanic				Non-Hispanic			
			White	Black	American Indian	Asian/Pacific Is.	White	Black	American Indian	Asian/Pacific Is.
United States	279,520,570	206,277,066	19,417,252	1,295,292	232,267	449,462	152,121,724	23,687,069	1,407,756	7,666,243
Alabama	4,529,922	3,378,520	23,083	2,342	308	696	2,516,933	797,177	13,635	24,347
Alaska	666,937	460,533	17,165	1,113	656	912	340,480	18,361	52,481	29,365
Arizona	4,920,243	3,552,714	643,205	17,152	17,644	10,174	2,541,179	108,357	147,019	67,983
Arkansas	2,677,467	1,996,660	22,440	1,565	454	586	1,669,394	277,394	11,196	13,631
California	33,529,783	23,748,736	6,487,374	195,902	82,188	199,274	12,204,539	1,578,170	129,044	2,872,245
Colorado	4,258,653	3,171,634	385,951	12,148	7,324	6,503	2,535,752	132,212	21,371	70,374
Connecticut	3,312,393	2,506,062	172,382	19,699	1,255	2,824	2,040,469	209,270	4,462	55,701
Delaware	782,464	584,210	15,219	2,108	145	345	452,584	101,124	1,634	11,051
District of Columbia	542,830	409,136	25,349	4,095	383	696	127,648	238,909	677	11,379
Florida	15,569,941	11,894,029	1,697,811	118,825	9,515	19,721	8,369,878	1,466,872	30,563	180,845
Georgia	8,054,395	5,888,568	122,011	12,390	1,447	3,360	4,057,521	1,579,671	12,170	99,998
Hawaii	1,281,917	941,594	40,850	2,454	1,084	22,797	298,224	22,044	3,385	550,755
Idaho	1,377,221	985,286	57,173	1,488	2,136	1,124	896,483	4,331	12,216	10,335
Illinois	12,182,404	8,964,638	782,834	32,979	6,255	16,725	6,579,936	1,238,686	13,950	293,272
Indiana	6,075,839	4,532,867	89,308	5,322	1,064	1,750	4,036,803	345,461	10,345	42,816
Iowa	2,913,111	2,198,644	32,582	1,428	697	852	2,087,810	40,438	5,293	29,544
Kansas	2,689,010	1,978,273	83,327	4,219	2,036	1,891	1,724,004	113,154	15,754	33,888
Kentucky	4,058,881	3,060,131	20,980	1,885	318	754	2,806,523	204,669	4,947	20,056
Louisiana	4,523,993	3,252,480	81,490	7,670	1,048	2,020	2,131,822	974,620	12,945	40,865
Maine	1,268,481	971,012	6,041	400	91	190	950,035	3,365	4,197	6,693
Maryland	5,395,635	4,015,736	135,667	19,012	1,547	4,452	2,614,272	1,073,028	10,466	157,291
Massachusetts	6,244,609	4,723,836	233,254	48,746	2,402	5,223	4,023,164	233,883	7,816	169,348
Michigan	9,751,789	7,202,442	155,423	11,747	3,434	3,521	5,897,270	978,560	39,142	113,346
Minnesota	4,855,828	3,600,527	53,575	3,411	1,673	2,065	3,320,473	99,412	37,440	82,479
Mississippi	2,876,098	2,072,888	14,414	2,192	230	468	1,352,799	682,632	5,896	14,257
Missouri	5,576,552	4,156,779	56,357	3,647	1,063	1,730	3,608,570	424,115	16,560	44,738
Montana	972,459	721,758	12,241	487	773	269	663,713	2,587	36,785	4,902
Nebraska	1,717,719	1,266,817	36,135	1,586	797	804	1,157,082	47,018	8,478	14,918
Nevada	1,919,561	1,450,646	177,468	7,192	3,568	5,201	1,086,076	94,520	18,753	57,868
New Hampshire	1,234,846	925,663	10,464	993	115	212	896,404	5,191	1,766	10,516
New Jersey	8,250,120	6,203,069	651,704	92,373	4,583	13,057	4,282,772	808,284	10,293	340,004
New Mexico	1,920,618	1,361,558	487,355	9,456	7,132	4,828	712,141	25,069	100,154	15,422
New York	18,474,607	13,720,095	1,511,600	454,813	15,122	34,826	8,972,480	1,951,253	38,729	741,273
North Carolina	7,928,110	5,938,434	74,714	8,192	1,236	2,189	4,496,631	1,223,260	64,633	67,578
North Dakota	666,663	495,650	4,358	223	192	153	464,057	3,489	19,090	4,087
Ohio	11,400,840	8,524,568	115,497	9,463	1,516	2,808	7,368,810	909,710	15,880	100,885
Oklahoma	3,435,350	2,538,562	71,573	4,193	4,538	2,069	2,044,505	190,571	185,994	35,119
Oregon	3,464,440	2,625,710	120,617	3,933	3,498	3,455	2,337,125	43,800	32,212	81,070
Pennsylvania	12,250,280	9,290,733	189,995	27,178	1,917	5,226	8,072,722	830,974	11,747	150,975
Rhode Island	1,001,737	753,680	39,430	8,986	511	1,173	656,481	27,311	2,563	17,224
South Carolina	3,937,527	2,923,777	27,107	3,260	351	1,032	2,049,490	813,522	6,341	22,674
South Dakota	785,318	569,880	4,953	247	393	133	522,357	3,474	34,593	3,731
Tennessee	5,758,958	4,324,754	37,459	3,422	518	1,208	3,584,403	648,287	9,584	39,873
Texas	20,727,421	14,745,169	3,805,226	92,232	24,347	38,470	8,678,128	1,699,074	46,199	361,493
Utah	2,246,639	1,508,464	80,735	2,507	2,037	1,899	1,350,810	12,318	19,370	38,789
Vermont	623,862	469,311	3,983	270	43	82	457,636	1,914	1,352	4,032
Virginia	7,147,001	5,374,558	176,316	15,392	2,299	6,429	3,955,259	1,015,997	12,444	190,419
Washington	5,973,573	4,461,876	211,223	9,167	7,831	10,507	3,775,506	134,701	66,910	246,032
West Virginia	1,866,397	1,449,016	8,623	544	106	249	1,386,620	42,589	1,963	8,323
Wisconsin	5,363,914	3,993,032	81,476	4,654	1,830	2,155	3,610,638	203,219	29,924	59,137
Wyoming	536,215	392,349	21,736	593	616	375	355,315	3,022	7,397	3,296

Table A-2. Adjusted Year 2000 Census Population Projection by State, Age, Hispanic Origin, and Race, continued

State	State/US Total	All Ages							
		Hispanic				Non-Hispanic			
		White	Black	American Indian	Asian/Pacific Is.	White	Black	American Indian	Asian/Pacific Is.
United States	279,520,570	29,953,507	2,004,111	367,219	688,904	198,423,921	35,091,723	2,153,269	10,837,916
Alabama	4,529,922	33,057	3,572	488	1,153	3,269,460	1,171,106	17,465	33,620
Alaska	666,937	26,686	1,917	1,133	1,411	470,691	27,694	91,953	45,452
Arizona	4,920,243	1,044,528	28,432	31,535	15,985	3,286,336	162,115	257,324	93,988
Arkansas	2,677,467	33,702	2,443	730	897	2,183,572	421,533	15,502	19,088
California	33,529,783	10,467,932	306,437	128,241	294,553	15,750,769	2,312,936	174,503	4,094,413
Colorado	4,258,653	580,514	20,111	11,715	10,075	3,311,221	193,702	31,150	100,166
Connecticut	3,312,393	263,631	32,655	2,164	4,344	2,616,658	308,946	5,814	78,179
Delaware	782,464	22,841	3,466	236	574	589,784	148,311	2,104	15,147
District of Columbia	542,830	34,230	6,416	503	2,982	154,583	328,812	856	14,447
Florida	15,569,941	2,306,686	175,213	13,593	28,739	10,513,741	2,249,011	39,822	243,135
Georgia	8,054,395	179,354	18,441	2,167	5,152	5,342,468	2,350,288	15,646	140,879
Hawaii	1,281,917	63,261	4,320	2,114	43,260	370,630	28,734	4,741	764,857
Idaho	1,377,221	95,546	2,561	3,351	1,848	1,233,349	6,308	19,079	15,178
Illinois	12,182,404	1,215,918	53,322	9,207	24,523	8,574,251	1,880,086	18,354	406,743
Indiana	6,075,839	130,625	8,312	1,644	2,854	5,347,888	511,336	13,448	59,733
Iowa	2,913,111	50,070	2,405	1,159	1,401	2,743,710	62,679	8,234	43,453
Kansas	2,689,010	130,126	6,907	3,314	3,022	2,300,737	172,866	23,033	49,006
Kentucky	4,058,881	29,841	2,793	484	1,245	3,694,852	295,192	6,431	28,042
Louisiana	4,523,993	109,076	10,859	1,543	3,842	2,827,199	1,493,672	18,275	59,527
Maine	1,268,481	8,801	689	154	312	1,238,102	4,673	6,034	9,717
Maryland	5,395,635	187,263	28,607	2,172	11,362	3,411,643	1,525,804	13,735	215,050
Massachusetts	6,244,609	360,266	90,138	3,829	7,525	5,170,869	353,510	10,445	248,026
Michigan	9,751,789	236,865	18,772	5,497	5,530	7,802,834	1,465,661	55,884	160,747
Minnesota	4,855,828	84,326	5,984	3,135	3,410	4,395,850	159,489	63,321	140,311
Mississippi	2,876,098	19,994	2,973	330	658	1,776,076	1,046,047	9,329	20,691
Missouri	5,576,552	81,856	5,619	1,769	2,649	4,755,837	643,529	22,390	62,904
Montana	972,459	18,968	856	1,365	444	875,812	3,575	64,044	7,395
Nebraska	1,717,719	57,164	2,646	1,303	1,337	1,544,992	72,863	14,954	22,460
Nevada	1,919,561	266,034	11,029	5,650	7,806	1,385,520	138,749	26,279	78,495
New Hampshire	1,234,846	15,863	1,723	182	316	1,192,272	7,468	2,388	14,633
New Jersey	8,250,120	929,291	144,117	6,605	19,425	5,505,416	1,167,251	14,305	463,711
New Mexico	1,920,618	731,076	15,547	12,343	7,484	923,727	35,937	172,620	21,882
New York	18,474,607	2,229,461	675,467	21,112	49,037	11,594,488	2,839,212	53,529	1,012,302
North Carolina	7,928,110	110,617	12,184	1,872	3,691	5,825,217	1,785,615	94,174	94,740
North Dakota	666,663	7,015	375	343	251	612,896	4,883	34,947	5,952
Ohio	11,400,840	167,458	15,161	2,423	4,159	9,697,990	1,352,748	20,637	140,263
Oklahoma	3,435,350	112,583	7,069	8,291	3,473	2,689,111	287,178	278,818	48,828
Oregon	3,464,440	188,722	6,258	5,811	5,421	3,034,565	64,381	46,334	112,949
Pennsylvania	12,250,280	293,285	45,028	3,055	8,482	10,430,950	1,237,877	15,882	215,721
Rhode Island	1,001,737	62,810	14,391	964	1,829	846,545	43,350	4,262	27,587
South Carolina	3,937,527	38,901	4,838	545	1,727	2,658,548	1,192,924	8,418	31,626
South Dakota	785,318	7,916	436	760	218	699,232	5,212	65,927	5,617
Tennessee	5,758,958	53,586	4,951	817	1,759	4,667,028	961,813	12,761	56,243
Texas	20,727,421	5,968,023	145,613	37,599	58,877	11,433,002	2,504,137	61,421	518,748
Utah	2,246,639	131,629	4,657	3,538	3,277	1,988,173	19,317	35,715	60,333
Vermont	623,862	5,551	433	69	167	606,970	2,889	1,845	5,939
Virginia	7,147,001	251,003	23,059	3,195	10,026	5,132,204	1,449,569	15,915	262,031
Washington	5,973,573	339,460	14,815	12,680	16,066	4,946,022	194,004	100,552	349,974
West Virginia	1,866,397	11,669	835	156	480	1,780,654	58,989	2,441	11,174
Wisconsin	5,363,914	125,274	8,200	3,260	3,272	4,741,432	333,190	47,308	101,977
Wyoming	536,215	33,153	1,057	1,073	572	478,044	4,553	12,924	4,838

Source: PricewaterhouseCoopers calculations.

Table A-3. Year 2000 Census Undercount by State, Age, Hispanic Origin, and Race

State	State/US Total	Total, Under 18	Age Under 18							
			Hispanic				Non-Hispanic			
			White	Black	American Indian	Asian/Pacific Is.	White	Black	American Indian	Asian/Pacific Is.
United States	4,886,665	2,462,097	521,884	45,483	7,589	10,914	926,203	799,763	49,147	101,114
Alabama	79,339	46,934	510	80	11	16	23,333	22,558	120	306
Alaska	13,644	5,836	398	50	12	18	3,819	542	477	519
Arizona	122,717	54,887	18,721	867	916	243	15,021	6,003	12,462	654
Arkansas	46,084	26,945	706	58	14	10	16,977	8,867	174	140
California	1,008,681	430,898	209,420	9,252	2,575	4,482	75,241	85,782	1,616	42,529
Colorado	90,429	37,592	9,399	693	241	146	18,614	7,279	370	850
Connecticut	28,251	15,313	3,983	769	41	73	2,505	7,314	20	608
Delaware	14,905	8,084	480	100	6	13	4,398	2,993	18	76
District of Columbia	19,502	8,153	707	168	9	134	1,001	5,975	9	151
Florida	336,717	168,986	37,619	3,426	265	366	76,413	48,943	489	1,465
Georgia	179,603	96,473	3,992	408	43	102	42,260	48,225	148	1,295
Hawaii	24,513	11,485	1,268	199	55	947	1,816	782	29	6,388
Idaho	30,715	14,699	2,401	57	99	30	11,266	121	619	106
Illinois	131,586	77,424	10,180	931	76	242	21,651	41,480	94	2,768
Indiana	31,311	25,860	616	130	13	32	14,463	10,183	41	381
Iowa	13,282	9,072	555	56	25	16	6,518	1,397	91	413
Kansas	20,747	12,661	1,428	130	49	42	6,610	3,753	191	459
Kentucky	64,315	36,658	504	54	9	29	29,976	5,768	69	249
Louisiana	99,375	57,679	1,488	209	28	93	22,548	32,513	197	604
Maine	9,311	4,736	144	23	2	6	4,287	79	111	84
Maryland	121,027	60,937	3,130	624	35	286	26,600	28,945	169	1,149
Massachusetts	45,863	24,786	5,898	2,503	68	106	4,092	8,802	45	3,272
Michigan	72,846	54,150	2,020	313	71	64	20,526	29,641	430	1,086
Minnesota	26,030	19,065	550	122	59	43	10,407	4,106	1,566	2,212
Mississippi	60,355	36,355	272	49	8	12	13,026	22,384	332	272
Missouri	36,174	27,543	376	83	23	22	12,762	13,687	109	481
Montana	22,802	10,950	331	39	51	7	7,432	54	2,970	66
Nebraska	12,252	7,306	711	37	29	21	4,184	1,714	410	200
Nevada	48,262	18,344	4,542	341	141	139	6,828	5,226	535	592
New Hampshire	10,616	4,621	247	43	3	6	4,075	137	16	94
New Jersey	72,329	42,990	9,672	3,021	61	243	-1,614	28,824	18	2,764
New Mexico	60,221	24,383	9,033	448	295	89	5,661	936	7,723	198
New York	328,422	133,938	30,643	12,995	258	742	10,654	67,701	411	10,534
North Carolina	150,857	81,846	2,399	272	43	99	41,767	35,105	1,335	827
North Dakota	4,974	3,280	140	13	12	8	1,458	88	1,497	63
Ohio	82,122	59,796	1,357	270	27	47	28,407	28,628	73	987
Oklahoma	62,836	35,891	2,447	177	239	65	22,656	6,085	3,851	371
Oregon	67,279	29,063	4,125	201	143	97	20,598	2,304	699	897
Pennsylvania	48,230	57,243	3,727	982	35	144	16,436	34,275	45	1,600
Rhode Island	4,130	3,335	951	322	16	35	346	1,194	14	458
South Carolina	79,504	44,125	690	98	16	36	19,698	23,256	77	254
South Dakota	8,245	5,290	149	8	27	5	1,631	108	3,308	54
Tennessee	101,797	57,899	881	90	23	21	36,463	19,803	119	500
Texas	608,086	273,464	115,559	3,330	785	1,000	97,186	50,557	683	4,364
Utah	39,626	19,024	2,421	181	79	52	13,701	816	1,205	569
Vermont	7,059	2,971	80	5	2	7	2,758	61	23	35
Virginia	149,995	75,907	4,902	497	61	164	40,622	27,884	171	1,606
Washington	115,181	51,868	7,897	495	368	253	30,663	6,768	2,202	3,223
West Virginia	25,414	13,892	158	16	2	8	12,635	998	20	57
Wisconsin	37,590	26,259	1,610	216	81	48	11,873	9,033	1,151	2,245
Wyoming	11,515	5,200	448	29	39	6	3,955	86	594	42

Table A-3. Year 2000 Census Undercount by State, Age, Hispanic Origin, and Race, continued

State	State/US Total	Total, 18 and Over	Age 18 and Over							
			Hispanic				Non-Hispanic			
			White	Black	American Indian	Asian/ Pacific Is.	White	Black	American Indian	Asian/ Pacific Is.
United States	4,886,665	2,424,568	960,518	72,357	12,357	17,103	436,474	723,698	49,388	152,672
Alabama	79,339	32,405	1,259	68	14	17	14,827	15,306	102	813
Alaska	13,644	7,808	761	27	23	16	5,538	386	536	521
Arizona	122,717	67,830	27,042	889	978	356	18,229	6,024	12,626	1,685
Arkansas	46,084	19,139	1,477	57	24	26	11,835	5,235	141	344
California	1,008,681	577,783	303,593	10,607	4,014	7,494	113,679	89,613	2,890	45,893
Colorado	90,429	52,837	16,577	644	360	210	24,830	8,030	613	1,574
Connecticut	28,251	12,938	9,246	1,171	63	127	-8,111	8,854	36	1,552
Delaware	14,905	6,822	1,011	104	8	13	2,776	2,719	7	184
District of Columbia	19,502	11,348	2,008	241	27	48	1,172	7,404	-3	451
Florida	336,717	167,730	85,769	4,734	610	572	32,401	40,352	420	2,873
Georgia	179,603	83,130	9,284	653	102	188	30,211	39,995	158	2,539
Hawaii	24,513	13,029	1,994	122	53	644	6,024	1,373	87	2,731
Idaho	30,715	16,016	4,048	60	181	71	10,618	87	713	238
Illinois	131,586	54,163	21,793	961	204	492	-1,016	25,955	68	5,705
Indiana	31,311	5,450	2,027	95	33	37	-4,481	6,217	29	1,495
Iowa	13,282	4,210	1,229	31	32	22	545	850	71	1,430
Kansas	20,747	8,086	3,046	111	70	64	1,134	2,311	141	1,209
Kentucky	64,315	27,657	1,083	67	17	23	21,338	4,469	69	592
Louisiana	99,375	41,696	4,202	260	58	67	13,069	22,793	137	1,110
Maine	9,311	4,575	350	5	2	9	3,795	77	155	182
Maryland	121,027	60,090	8,423	979	110	177	14,570	34,061	92	1,677
Massachusetts	45,863	21,077	13,291	3,074	142	269	-15,258	13,108	64	6,387
Michigan	72,846	18,696	4,046	269	112	73	-7,496	18,516	297	2,880
Minnesota	26,030	6,965	1,414	104	60	65	-2,108	3,450	1,262	2,719
Mississippi	60,355	24,000	737	66	22	18	8,611	13,725	348	473
Missouri	36,174	8,631	1,276	69	31	35	-2,334	8,096	74	1,385
Montana	22,802	11,852	669	13	51	2	7,958	51	2,950	157
Nebraska	12,252	4,946	1,399	47	34	30	1,400	1,166	322	549
Nevada	48,262	29,917	8,595	403	193	215	12,939	5,692	876	1,004
New Hampshire	10,616	5,995	580	35	9	4	4,897	116	26	326
New Jersey	72,329	29,339	35,129	5,313	246	469	-50,608	33,905	-11	4,897
New Mexico	60,221	35,837	19,106	421	361	136	6,308	975	8,180	349
New York	328,422	194,484	92,049	31,100	951	1,729	-56,369	103,153	693	21,179
North Carolina	150,857	69,010	5,138	388	77	111	35,475	24,779	1,202	1,839
North Dakota	4,974	1,694	240	5	11	2	-149	85	1,304	195
Ohio	82,122	22,326	3,298	277	48	74	-2,459	18,127	45	2,917
Oklahoma	62,836	26,945	4,376	182	289	100	13,381	4,983	2,361	1,273
Oregon	67,279	38,216	7,759	212	213	149	24,139	2,475	897	2,372
Pennsylvania	48,230	-9,014	9,184	1,174	103	190	-45,941	22,555	20	3,702
Rhode Island	4,130	795	2,206	628	34	55	-4,336	1,521	14	672
South Carolina	79,504	35,379	1,662	115	17	44	14,766	18,232	77	466
South Dakota	8,245	2,954	263	13	26	11	-321	72	2,738	153
Tennessee	101,797	43,898	2,235	124	24	46	23,225	16,988	96	1,160
Texas	608,086	334,622	206,135	4,793	1,455	1,823	63,613	47,196	523	9,084
Utah	39,626	20,602	3,520	124	119	69	13,642	758	1,195	1,176
Vermont	7,059	4,088	251	4	8	-1	3,559	51	29	188
Virginia	149,995	74,089	12,278	795	145	237	30,279	27,280	165	2,907
Washington	115,181	63,313	12,896	544	477	369	33,658	8,089	2,798	4,483
West Virginia	25,414	11,522	494	15	5	13	10,112	629	32	223
Wisconsin	37,590	11,331	3,147	152	69	84	-1,734	5,765	1,185	2,664
Wyoming	11,515	6,315	924	15	41	9	4,644	49	540	94

Table A-3. Year 2000 Census Undercount by State, Age, Hispanic Origin, and Race, continued

State	State/US Total	All Ages							
		Hispanic				Non-Hispanic			
		White	Black	American Indian	Asian/Pacific Is.	White	Black	American Indian	Asian/Pacific Is.
United States	4,886,665	1,482,403	117,840	19,947	28,017	1,362,677	1,523,461	98,535	253,785
Alabama	79,339	1,768	148	25	34	38,159	37,864	222	1,118
Alaska	13,644	1,160	77	35	34	9,357	928	1,013	1,040
Arizona	122,717	45,764	1,756	1,894	599	33,250	12,027	25,088	2,339
Arkansas	46,084	2,182	115	38	35	28,813	14,102	315	484
California	1,008,681	513,013	19,860	6,589	11,976	188,921	175,395	4,506	88,422
Colorado	90,429	25,976	1,338	601	356	43,444	15,309	982	2,424
Connecticut	28,251	13,229	1,940	104	199	-5,606	16,168	55	2,160
Delaware	14,905	1,490	204	14	26	7,173	5,712	25	260
District of Columbia	19,502	2,715	409	36	182	2,174	13,378	5	602
Florida	336,717	123,388	8,160	875	938	108,814	89,294	909	4,338
Georgia	179,603	13,277	1,061	144	290	72,471	88,220	306	3,834
Hawaii	24,513	3,262	321	108	1,591	7,840	2,155	117	9,119
Idaho	30,715	6,449	117	280	101	21,884	207	1,332	344
Illinois	131,586	31,973	1,892	281	734	20,635	67,435	163	8,473
Indiana	31,311	2,643	226	46	69	9,982	16,400	70	1,876
Iowa	13,282	1,784	87	57	39	7,063	2,247	162	1,843
Kansas	20,747	4,474	241	119	106	7,744	6,065	332	1,667
Kentucky	64,315	1,587	121	25	51	51,314	10,237	138	841
Louisiana	99,375	5,689	468	86	160	35,617	55,306	334	1,715
Maine	9,311	494	29	4	15	8,082	156	266	266
Maryland	121,027	11,553	1,602	146	463	41,170	63,007	261	2,826
Massachusetts	45,863	19,189	5,577	211	375	-11,166	21,909	109	9,658
Michigan	72,846	6,065	582	183	137	13,030	48,157	727	3,966
Minnesota	26,030	1,963	226	119	107	8,298	7,556	2,828	4,931
Mississippi	60,355	1,010	114	30	29	21,638	36,109	680	745
Missouri	36,174	1,652	151	55	57	10,428	21,783	183	1,866
Montana	22,802	1,001	52	102	9	15,389	106	5,920	223
Nebraska	12,252	2,111	83	63	51	5,584	2,879	732	749
Nevada	48,262	13,136	745	334	354	19,767	10,919	1,412	1,596
New Hampshire	10,616	827	78	12	10	8,972	253	43	420
New Jersey	72,329	44,801	8,334	307	712	-52,221	62,729	7	7,661
New Mexico	60,221	28,139	869	656	225	11,969	1,911	15,903	547
New York	328,422	122,692	44,094	1,209	2,471	-45,715	170,854	1,104	31,714
North Carolina	150,857	7,537	661	119	210	77,243	59,884	2,537	2,666
North Dakota	4,974	380	18	23	11	1,309	172	2,802	258
Ohio	82,122	4,655	547	74	121	25,947	46,755	118	3,904
Oklahoma	62,836	6,823	359	528	165	36,037	11,069	6,212	1,644
Oregon	67,279	11,884	413	357	246	44,736	4,779	1,596	3,269
Pennsylvania	48,230	12,911	2,156	138	334	-29,505	56,830	64	5,302
Rhode Island	4,130	3,158	949	50	90	-3,991	2,716	29	1,130
South Carolina	79,504	2,352	213	33	80	34,464	41,488	154	720
South Dakota	8,245	412	21	52	16	1,310	180	6,046	208
Tennessee	101,797	3,116	214	47	67	59,688	36,791	215	1,659
Texas	608,086	321,694	8,123	2,240	2,822	160,799	97,753	1,206	13,448
Utah	39,626	5,941	304	198	121	27,343	1,574	2,400	1,745
Vermont	7,059	331	9	10	7	6,317	112	52	222
Virginia	149,995	17,180	1,292	206	402	70,901	55,165	336	4,514
Washington	115,181	20,793	1,039	846	621	64,320	14,857	4,999	7,706
West Virginia	25,414	652	31	7	21	22,746	1,627	52	279
Wisconsin	37,590	4,756	368	150	132	10,139	14,798	2,337	4,909
Wyoming	11,515	1,372	44	80	14	8,599	135	1,134	136

Source: PricewaterhouseCoopers calculations.

Table A-4. Year 2000 Census Undercount as Percent of Adjusted Count by State, Age, Hispanic Origin, and Race

State	State/US Total	Total, Under 18	Age Under 18							
			Hispanic				Non-Hispanic			
			White	Black	American Indian	Asian/Pacific Is.	White	Black	American Indian	Asian/Pacific Is.
United States	1.75	3.36	4.95	6.42	5.62	4.56	2.00	7.01	6.59	3.19
Alabama	1.75	4.08	5.11	6.49	6.16	3.58	3.10	6.03	3.14	3.30
Alaska	2.05	2.83	4.18	6.25	2.57	3.53	2.93	5.81	1.21	3.23
Arizona	2.49	4.01	4.66	7.69	6.59	4.17	2.02	11.17	11.30	2.52
Arkansas	1.72	3.96	6.27	6.61	5.01	3.07	3.30	6.15	4.04	2.56
California	3.01	4.41	5.26	8.37	5.59	4.70	2.12	11.67	3.56	3.48
Colorado	2.12	3.46	4.83	8.70	5.48	4.10	2.40	11.84	3.78	2.85
Connecticut	0.85	1.90	4.37	5.94	4.51	4.77	0.43	7.34	1.47	2.70
Delaware	1.90	4.08	6.29	7.38	7.02	5.63	3.21	6.34	3.88	1.85
District of Columbia	3.59	6.10	7.96	7.25	7.21	5.85	3.72	6.65	4.84	4.92
Florida	2.16	4.60	6.18	6.08	6.50	4.06	3.56	6.26	5.28	2.35
Georgia	2.23	4.45	6.96	6.74	5.92	5.69	3.29	6.26	4.26	3.17
Hawaii	1.91	3.37	5.66	10.66	5.37	4.63	2.51	11.69	2.17	2.98
Idaho	2.23	3.75	6.26	5.35	8.12	4.11	3.34	6.10	9.02	2.20
Illinois	1.08	2.41	2.35	4.58	2.59	3.11	1.09	6.47	2.14	2.44
Indiana	0.52	1.68	1.49	4.36	2.22	2.93	1.10	6.14	1.32	2.25
Iowa	0.46	1.27	3.17	5.77	5.42	3.00	0.99	6.28	3.11	2.97
Kansas	0.77	1.78	3.05	4.83	3.83	3.71	1.15	6.29	2.62	3.03
Kentucky	1.58	3.67	5.69	5.97	5.31	5.82	3.37	6.37	4.67	3.12
Louisiana	2.20	4.54	5.39	6.54	5.70	5.10	3.24	6.26	3.69	3.24
Maine	0.73	1.59	5.22	8.06	2.91	5.21	1.49	6.02	6.03	2.77
Maryland	2.24	4.42	6.07	6.50	5.67	4.14	3.34	6.39	5.17	1.99
Massachusetts	0.73	1.63	4.64	6.05	4.78	4.61	0.36	7.36	1.73	4.16
Michigan	0.75	2.12	2.48	4.45	3.44	3.18	1.08	6.09	2.57	2.29
Minnesota	0.54	1.52	1.79	4.76	4.04	3.17	0.97	6.84	6.05	3.83
Mississippi	2.10	4.53	4.88	6.23	8.06	6.09	3.08	6.16	9.67	4.23
Missouri	0.65	1.94	1.48	4.19	3.32	2.42	1.11	6.24	1.87	2.65
Montana	2.34	4.37	4.93	10.57	8.63	4.18	3.50	5.51	10.89	2.63
Nebraska	0.71	1.62	3.38	3.45	5.73	3.87	1.08	6.63	6.34	2.65
Nevada	2.51	3.91	5.13	8.90	6.76	5.33	2.28	11.82	7.11	2.87
New Hampshire	0.86	1.49	4.58	5.93	4.78	5.35	1.38	6.01	2.64	2.28
New Jersey	0.88	2.10	3.48	5.84	3.03	3.82	-0.13	8.03	0.44	2.23
New Mexico	3.14	4.36	3.71	7.35	5.66	3.34	2.68	8.62	10.66	3.07
New York	1.78	2.82	4.27	5.89	4.30	5.22	0.41	7.62	2.78	3.89
North Carolina	1.90	4.11	6.68	6.82	6.71	6.59	3.14	6.24	4.52	3.04
North Dakota	0.75	1.92	5.26	8.75	7.97	8.69	0.98	6.28	9.44	3.38
Ohio	0.72	2.08	2.61	4.75	2.93	3.46	1.22	6.46	1.54	2.51
Oklahoma	1.83	4.00	5.97	6.16	6.37	4.64	3.51	6.30	4.15	2.70
Oregon	1.94	3.47	6.06	8.64	6.20	4.92	2.95	11.19	4.95	2.81
Pennsylvania	0.39	1.93	3.61	5.50	3.06	4.43	0.70	8.42	1.08	2.47
Rhode Island	0.41	1.34	4.07	5.95	3.57	5.29	0.18	7.45	0.83	4.42
South Carolina	2.02	4.35	5.85	6.24	8.22	5.25	3.23	6.13	3.71	2.83
South Dakota	1.05	2.46	5.04	4.28	7.22	5.87	0.92	6.19	10.56	2.89
Tennessee	1.77	4.04	5.46	5.86	7.63	3.80	3.37	6.32	3.74	3.05
Texas	2.93	4.57	5.34	6.24	5.92	4.90	3.53	6.28	4.49	2.78
Utah	1.76	2.58	4.76	8.41	5.29	3.78	2.15	11.66	7.37	2.64
Vermont	1.13	1.92	5.12	3.27	7.05	8.76	1.85	6.24	4.62	1.81
Virginia	2.10	4.28	6.56	6.48	6.82	4.57	3.45	6.43	4.92	2.24
Washington	1.93	3.43	6.16	8.77	7.59	4.54	2.62	11.41	6.54	3.10
West Virginia	1.36	3.33	5.19	5.39	3.96	3.44	3.21	6.09	4.09	1.98
Wisconsin	0.70	1.92	3.68	6.09	5.67	4.34	1.05	6.95	6.62	5.24
Wyoming	2.15	3.61	3.93	6.22	8.55	2.80	3.22	5.62	10.75	2.75

Table A-4. Year 2000 Census Undercount as Percent of Adjusted Count, continued

State	State/US Total	Total, 18 and Over	Age 18 and Over							
			Hispanic				Non-Hispanic			
			White	Black	American Indian	Asian/Pacific Is.	White	Black	American Indian	Asian/Pacific Is.
United States	1.75	1.18	4.95	5.59	5.32	3.81	0.29	3.06	3.51	1.99
Alabama	1.75	0.96	5.45	2.91	4.55	2.49	0.59	1.92	0.75	3.34
Alaska	2.05	1.70	4.44	2.44	3.50	1.80	1.63	2.10	1.02	1.77
Arizona	2.49	1.91	4.20	5.18	5.54	3.50	0.72	5.56	8.59	2.48
Arkansas	1.72	0.96	6.58	3.67	5.25	4.39	0.71	1.89	1.26	2.52
California	3.01	2.43	4.68	5.41	4.88	3.76	0.93	5.68	2.24	1.60
Colorado	2.12	1.67	4.30	5.31	4.91	3.22	0.98	6.07	2.87	2.24
Connecticut	0.85	0.52	5.36	5.94	5.01	4.50	-0.40	4.23	0.80	2.79
Delaware	1.90	1.17	6.64	4.92	5.41	3.88	0.61	2.69	0.41	1.67
District of Columbia	3.59	2.77	7.92	5.88	7.13	6.89	0.92	3.10	-0.47	3.96
Florida	2.16	1.41	5.05	3.98	6.41	2.90	0.39	2.75	1.37	1.59
Georgia	2.23	1.41	7.61	5.27	7.04	5.60	0.74	2.53	1.30	2.54
Hawaii	1.91	1.38	4.88	4.96	4.89	2.83	2.02	6.23	2.58	0.50
Idaho	2.23	1.63	7.08	4.04	8.48	6.31	1.18	2.01	5.84	2.30
Illinois	1.08	0.60	2.78	2.91	3.27	2.94	-0.02	2.10	0.49	1.95
Indiana	0.52	0.12	2.27	1.79	3.07	2.09	-0.11	1.80	0.28	3.49
Iowa	0.46	0.19	3.77	2.16	4.57	2.60	0.03	2.10	1.34	4.84
Kansas	0.77	0.41	3.66	2.63	3.43	3.38	0.07	2.04	0.90	3.57
Kentucky	1.58	0.90	5.16	3.55	5.20	3.01	0.76	2.18	1.39	2.95
Louisiana	2.20	1.28	5.16	3.38	5.54	3.31	0.61	2.34	1.06	2.72
Maine	0.73	0.47	5.79	1.35	2.19	4.79	0.40	2.30	3.69	2.72
Maryland	2.24	1.50	6.21	5.15	7.14	3.98	0.56	3.17	0.88	1.07
Massachusetts	0.73	0.45	5.70	6.31	5.92	5.15	-0.38	5.60	0.82	3.77
Michigan	0.75	0.26	2.60	2.29	3.26	2.07	-0.13	1.89	0.76	2.54
Minnesota	0.54	0.19	2.64	3.04	3.60	3.13	-0.06	3.47	3.37	3.30
Mississippi	2.10	1.16	5.12	3.00	9.62	3.82	0.64	2.01	5.90	3.32
Missouri	0.65	0.21	2.26	1.88	2.93	2.03	-0.06	1.91	0.45	3.10
Montana	2.34	1.64	5.47	2.65	6.63	0.71	1.20	1.98	8.02	3.21
Nebraska	0.71	0.39	3.87	2.94	4.21	3.75	0.12	2.48	3.79	3.68
Nevada	2.51	2.06	4.84	5.61	5.41	4.13	1.19	6.02	4.67	1.74
New Hampshire	0.86	0.65	5.54	3.52	8.03	2.09	0.55	2.24	1.49	3.10
New Jersey	0.88	0.47	5.39	5.75	5.36	3.59	-1.18	4.19	-0.11	1.44
New Mexico	3.14	2.63	3.92	4.45	5.07	2.83	0.89	3.89	8.17	2.26
New York	1.78	1.42	6.09	6.84	6.29	4.96	-0.63	5.29	1.79	2.86
North Carolina	1.90	1.16	6.88	4.74	6.21	5.09	0.79	2.03	1.86	2.72
North Dakota	0.75	0.34	5.52	2.21	5.92	1.35	-0.03	2.43	6.83	4.77
Ohio	0.72	0.26	2.86	2.92	3.14	2.64	-0.03	1.99	0.28	2.89
Oklahoma	1.83	1.06	6.11	4.35	6.37	4.81	0.65	2.61	1.27	3.62
Oregon	1.94	1.46	6.43	5.39	6.10	4.33	1.03	5.65	2.78	2.93
Pennsylvania	0.39	-0.10	4.83	4.32	5.40	3.64	-0.57	2.71	0.17	2.45
Rhode Island	0.41	0.11	5.60	6.98	6.65	4.70	-0.66	5.57	0.56	3.90
South Carolina	2.02	1.21	6.13	3.52	4.86	4.25	0.72	2.24	1.22	2.06
South Dakota	1.05	0.52	5.30	5.25	6.60	8.05	-0.06	2.08	7.91	4.11
Tennessee	1.77	1.02	5.97	3.63	4.64	3.80	0.65	2.62	1.00	2.91
Texas	2.93	2.27	5.42	5.20	5.98	4.74	0.73	2.78	1.13	2.51
Utah	1.76	1.37	4.36	4.93	5.83	3.62	1.01	6.15	6.17	3.03
Vermont	1.13	0.87	6.29	1.31	19.44	-0.93	0.78	2.66	2.15	4.65
Virginia	2.10	1.38	6.96	5.17	6.32	3.69	0.77	2.69	1.33	1.53
Washington	1.93	1.42	6.11	5.94	6.10	3.51	0.89	6.00	4.18	1.82
West Virginia	1.36	0.80	5.72	2.83	4.37	5.12	0.73	1.48	1.64	2.68
Wisconsin	0.70	0.28	3.86	3.26	3.78	3.89	-0.05	2.84	3.96	4.51
Wyoming	2.15	1.61	4.25	2.55	6.66	2.32	1.31	1.61	7.29	2.84

Table A-4. Year 2000 Census Undercount as Percent of Adjusted Count, continued

State	State/US Total	All Ages							
		Hispanic				Non-Hispanic			
		White	Black	American Indian	Asian/Pacific Is.	White	Black	American Indian	Asian/Pacific Is.
United States	1.75	4.95	5.88	5.43	4.07	0.69	4.34	4.58	2.34
Alabama	1.75	5.35	4.14	5.14	2.92	1.17	3.23	1.27	3.33
Alaska	2.05	4.35	4.04	3.11	2.41	1.99	3.35	1.10	2.29
Arizona	2.49	4.38	6.18	6.01	3.74	1.01	7.42	9.75	2.49
Arkansas	1.72	6.48	4.72	5.16	3.93	1.32	3.35	2.03	2.54
California	3.01	4.90	6.48	5.14	4.07	1.20	7.58	2.58	2.16
Colorado	2.12	4.47	6.65	5.13	3.53	1.31	7.90	3.15	2.42
Connecticut	0.85	5.02	5.94	4.80	4.59	-0.21	5.23	0.95	2.76
Delaware	1.90	6.52	5.89	6.04	4.58	1.22	3.85	1.18	1.72
District of Columbia	3.59	7.93	6.38	7.15	6.09	1.41	4.07	0.64	4.17
Florida	2.16	5.35	4.66	6.44	3.27	1.03	3.97	2.28	1.78
Georgia	2.23	7.40	5.75	6.66	5.63	1.36	3.75	1.96	2.72
Hawaii	1.91	5.16	7.42	5.12	3.68	2.12	7.50	2.46	1.19
Idaho	2.23	6.75	4.59	8.35	5.44	1.77	3.29	6.98	2.27
Illinois	1.08	2.63	3.55	3.05	2.99	0.24	3.59	0.89	2.08
Indiana	0.52	2.02	2.71	2.77	2.42	0.19	3.21	0.52	3.14
Iowa	0.46	3.56	3.63	4.91	2.76	0.26	3.58	1.97	4.24
Kansas	0.77	3.44	3.49	3.59	3.50	0.34	3.51	1.44	3.40
Kentucky	1.58	5.32	4.33	5.24	4.12	1.39	3.47	2.15	3.00
Louisiana	2.20	5.22	4.31	5.59	4.16	1.26	3.70	1.83	2.88
Maine	0.73	5.61	4.16	2.48	4.95	0.65	3.34	4.40	2.74
Maryland	2.24	6.17	5.60	6.71	4.07	1.21	4.13	1.90	1.31
Massachusetts	0.73	5.33	6.19	5.50	4.98	-0.22	6.20	1.05	3.89
Michigan	0.75	2.56	3.10	3.33	2.47	0.17	3.29	1.30	2.47
Minnesota	0.54	2.33	3.78	3.81	3.15	0.19	4.74	4.47	3.51
Mississippi	2.10	5.05	3.84	9.14	4.48	1.22	3.45	7.29	3.60
Missouri	0.65	2.02	2.69	3.08	2.17	0.22	3.38	0.82	2.97
Montana	2.34	5.28	6.07	7.50	2.08	1.76	2.96	9.24	3.01
Nebraska	0.71	3.69	3.15	4.80	3.80	0.36	3.95	4.89	3.34
Nevada	2.51	4.94	6.75	5.91	4.53	1.43	7.87	5.37	2.03
New Hampshire	0.86	5.22	4.54	6.83	3.16	0.75	3.39	1.78	2.87
New Jersey	0.88	4.82	5.78	4.65	3.66	-0.95	5.37	0.05	1.65
New Mexico	3.14	3.85	5.59	5.32	3.01	1.30	5.32	9.21	2.50
New York	1.78	5.50	6.53	5.72	5.04	-0.39	6.02	2.06	3.13
North Carolina	1.90	6.81	5.42	6.38	5.70	1.33	3.35	2.69	2.81
North Dakota	0.75	5.42	4.87	6.82	4.21	0.21	3.53	8.02	4.33
Ohio	0.72	2.78	3.61	3.06	2.91	0.27	3.46	0.57	2.78
Oklahoma	1.83	6.06	5.08	6.37	4.74	1.34	3.85	2.23	3.37
Oregon	1.94	6.30	6.60	6.14	4.54	1.47	7.42	3.44	2.89
Pennsylvania	0.39	4.40	4.79	4.53	3.94	-0.28	4.59	0.40	2.46
Rhode Island	0.41	5.03	6.59	5.20	4.91	-0.47	6.26	0.67	4.10
South Carolina	2.02	6.04	4.41	6.05	4.65	1.30	3.48	1.83	2.28
South Dakota	1.05	5.21	4.83	6.90	7.20	0.19	3.45	9.17	3.70
Tennessee	1.77	5.81	4.32	5.73	3.80	1.28	3.83	1.68	2.95
Texas	2.93	5.39	5.58	5.96	4.79	1.41	3.90	1.96	2.59
Utah	1.76	4.51	6.54	5.60	3.69	1.38	8.15	6.72	2.89
Vermont	1.13	5.96	2.05	14.82	3.98	1.04	3.87	2.81	3.74
Virginia	2.10	6.84	5.60	6.46	4.01	1.38	3.81	2.11	1.72
Washington	1.93	6.13	7.02	6.67	3.87	1.30	7.66	4.97	2.20
West Virginia	1.36	5.58	3.72	4.24	4.31	1.28	2.76	2.12	2.50
Wisconsin	0.70	3.80	4.49	4.61	4.04	0.21	4.44	4.94	4.81
Wyoming	2.15	4.14	4.16	7.46	2.49	1.80	2.96	8.77	2.81

Source: PricewaterhouseCoopers calculations.

**Appendix B: 2000 Population Projections by Metropolitan Area
(Adjusted and Unadjusted)**

Appendix B. Estimated 2000 Census Undercount by Metropolitan Statistical Area (MSA)

State, MSA	2000 Population Projections		Estimated 2000 Undercount	
	Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
Total, All MSAs	219,885,182	223,969,889	4,084,707	1.82
Alabama	4,450,583	4,529,922	79,339	1.75
Anniston, AL MSA	117,681	119,549	1,868	1.56
Auburn-Opelika, AL MSA	104,456	106,885	2,429	2.27
Birmingham, AL MSA	930,367	948,239	17,873	1.88
Columbus, GA-AL MSA (AL portion)	51,144	52,195	1,051	2.01
Decatur, AL MSA	147,058	149,161	2,103	1.41
Dothan, AL MSA	136,048	138,610	2,562	1.85
Florence, AL MSA	139,761	141,666	1,905	1.34
Gadsden, AL MSA	105,842	107,170	1,328	1.24
Huntsville, AL MSA	354,827	360,668	5,842	1.62
Mobile, AL MSA	548,712	560,006	11,294	2.02
Montgomery, AL MSA	329,421	335,294	5,873	1.75
Tuscaloosa, AL MSA	163,714	166,934	3,220	1.93
Alaska	653,293	666,937	13,644	2.05
Anchorage, AK MSA	278,564	285,736	7,172	2.51
Arizona	4,797,526	4,920,243	122,717	2.49
Flagstaff, AZ-UT MSA (AZ portion)	115,603	122,042	6,438	5.28
Las Vegas, NV-AZ MSA (AZ portion)	137,559	140,042	2,483	1.77
Phoenix-Mesa, AZ MSA	3,032,975	3,096,068	63,093	2.04
Tucson, AZ MSA	796,420	815,910	19,490	2.39
Yuma, AZ MSA	133,652	137,660	4,008	2.91
Arkansas	2,631,383	2,677,467	46,084	1.72
Fayetteville-Springdale-Rogers, AR MSA	295,230	300,381	5,151	1.71
Fort Smith, AR-OK MSA (AR portion)	162,908	165,269	2,361	1.43
Jonesboro, AR MSA	81,481	82,918	1,436	1.73
Little Rock-North Little Rock, AR MSA	576,294	587,867	11,573	1.97
Memphis, TN-AR-MS MSA (AR portion)	50,092	51,483	1,391	2.70
Pine Bluff, AR MSA	81,121	82,638	1,517	1.84
Texarkana, TX-Texarkana, AR MSA (AR portion)	40,705	41,417	712	1.72
California	32,521,102	33,529,783	1,008,681	3.01
Bakersfield, CA MSA	634,278	655,175	20,897	3.19
Chico-Paradise, CA MSA	189,163	194,464	5,301	2.73
Fresno, CA MSA	878,648	916,099	37,450	4.09
Los Angeles-Long Beach, CA PMSA	9,109,292	9,450,954	341,662	3.62
Merced, CA MSA	197,539	206,382	8,842	4.28
Modesto, CA MSA	426,322	439,445	13,123	2.99
Oakland, CA PMSA	2,309,416	2,372,770	63,354	2.67
Orange County, CA PMSA	2,727,406	2,794,224	66,818	2.39
Redding, CA MSA	160,751	164,350	3,600	2.19
Riverside-San Bernardino, CA PMSA	3,151,825	3,242,901	91,076	2.81
Sacramento, CA PMSA	1,527,067	1,563,299	36,232	2.32
Salinas, CA MSA	359,044	372,718	13,675	3.67
San Diego, CA MSA	2,769,168	2,846,940	77,772	2.73
San Francisco, CA PMSA	1,668,190	1,708,870	40,680	2.38
San Jose, CA PMSA	1,642,551	1,684,168	41,617	2.47
San Luis Obispo-Atascadero-Paso Robles, CA MSA	229,196	235,708	6,513	2.76
Santa Barbara-Santa Maria-Lompoc, CA MSA	382,182	395,191	13,009	3.29
Santa Cruz-Watsonville, CA PMSA	238,120	245,298	7,178	2.93
Santa Rosa, CA PMSA	426,890	438,175	11,285	2.58
Stockton-Lodi, CA MSA	554,293	573,393	19,100	3.33
Vallejo-Fairfield-Napa, CA PMSA	492,896	505,256	12,360	2.45
Ventura, CA PMSA	725,776	744,147	18,371	2.47
Visalia-Tulare-Porterville, CA MSA	356,810	372,135	15,326	4.12
Yolo, CA PMSA	152,176	158,020	5,844	3.70
Yuba City, CA MSA	136,218	140,638	4,420	3.14

Footnotes at end of table.

Appendix B. Estimated 2000 Census Undercount by MSA, continued

State, MSA	2000 Population Projections		Estimated 2000 Undercount	
	Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
Colorado	4,168,224	4,258,653	90,429	2.12
Boulder-Longmont, CO PMSA	278,482	285,272	6,790	2.38
Colorado Springs, CO MSA	519,179	530,627	11,449	2.16
Denver, CO PMSA	2,036,996	2,075,065	38,068	1.83
Fort Collins-Loveland, CO MSA	243,542	249,436	5,894	2.36
Grand Junction, CO MSA	118,002	120,463	2,461	2.04
Greeley, CO PMSA	165,654	170,904	5,250	3.07
Pueblo, CO MSA	135,955	139,031	3,076	2.21
Connecticut	3,284,142	3,312,393	28,251	0.85
Hartford, CT NECMA	1,111,341	1,121,323	9,982	0.89
New Haven-Bridgeport-Stamford-Waterbury-Danbury, CT NECMA	1,639,619	1,652,649	13,031	0.79
New London-Norwich, CT NECMA	244,020	246,709	2,689	1.09
Delaware	767,559	782,464	14,905	1.90
Dover, DE MSA	127,936	130,336	2,400	1.84
Wilmington-Newark, DE-MD PMSA (DE portion)	495,256	505,280	10,025	1.98
District of Columbia	523,328	542,830	19,502	3.59
Washington, DC-MD-VA-WV PMSA (DC portion)	523,328	542,830	19,502	3.59
Florida	15,233,224	15,569,941	336,717	2.16
Daytona Beach, FL MSA	485,632	492,739	7,107	1.44
Fort Lauderdale, FL PMSA	1,550,294	1,582,531	32,236	2.04
Fort Myers-Cape Coral, FL MSA	404,528	410,456	5,928	1.44
Fort Pierce-Port St. Lucie, FL MSA	303,154	307,908	4,754	1.54
Fort Walton Beach, FL MSA	173,779	177,041	3,262	1.84
Gainesville, FL MSA	199,868	205,104	5,235	2.55
Jacksonville, FL MSA	1,066,794	1,090,023	23,229	2.13
Lakeland-Winter Haven, FL MSA	459,788	467,922	8,134	1.74
Melbourne-Titusville-Palm Bay, FL MSA	478,448	486,261	7,813	1.61
Miami, FL PMSA	2,151,727	2,241,902	90,176	4.02
Naples, FL MSA ³	210,540	215,073	4,533	2.11
Ocala, FL MSA	251,659	255,785	4,127	1.61
Orlando, FL MSA	1,559,722	1,595,499	35,777	2.24
Panama City, FL MSA	150,475	153,098	2,623	1.71
Pensacola, FL MSA	409,600	418,182	8,582	2.05
Punta Gorda, FL MSA	140,112	141,338	1,226	0.87
Sarasota-Bradenton, FL MSA	552,369	559,124	6,755	1.21
Tallahassee, FL MSA	263,623	269,902	6,279	2.33
Tampa-St. Petersburg-Clearwater, FL MSA	2,281,187	2,321,254	40,066	1.73
West Palm Beach-Boca Raton, FL MSA	1,065,442	1,084,711	19,269	1.78
Georgia	7,874,792	8,054,395	179,603	2.23
Albany, GA MSA	118,758	121,636	2,878	2.37
Athens, GA MSA	140,224	143,898	3,674	2.55
Atlanta, GA MSA	3,918,075	4,011,494	93,419	2.33
Augusta-Aiken, GA-SC MSA (GA portion)	307,310	315,054	7,744	2.46
Chattanooga, TN-GA MSA (GA portion)	132,167	134,071	1,904	1.42
Columbus, GA-AL MSA (GA portion)	219,141	224,212	5,071	2.26
Macon, GA MSA	323,904	330,779	6,875	2.08
Savannah, GA MSA	290,277	296,053	5,776	1.95
Hawaii	1,257,404	1,281,917	24,513	1.91
Honolulu, HI MSA	910,501	928,185	17,685	1.91
Idaho	1,346,506	1,377,221	30,715	2.23
Boise City, ID MSA	442,392	451,769	9,377	2.08
Pocatello, ID MSA	80,775	82,531	1,756	2.13

Footnotes at end of table.

Appendix B. Estimated 2000 Census Undercount by MSA, continued

State, MSA	2000 Population Projections		Estimated 2000 Undercount	
	Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
Illinois	12,050,818	12,182,404	131,586	1.08
Bloomington-Normal, IL MSA	144,322	145,456	1,135	0.78
Champaign-Urbana, IL MSA	164,426	166,971	2,545	1.52
Chicago, IL PMSA	7,971,158	8,079,923	108,765	1.35
Davenport-Moline-Rock Island, IA-IL MSA (IL portion)	196,588	197,842	1,254	0.63
Decatur, IL MSA	111,646	112,327	682	0.61
Kankakee, IL PMSA	102,376	103,339	963	0.93
Peoria-Pekin, IL MSA	342,197	344,098	1,901	0.55
Rockford, IL MSA	359,430	361,587	2,156	0.60
Springfield, IL MSA	205,059	206,010	951	0.46
St. Louis, MO-IL MSA (IL portion)	601,981	607,291	5,311	0.87
Indiana	6,044,528	6,075,839	31,311	0.52
Bloomington, IN MSA	117,756	119,032	1,277	1.07
Cincinnati, OH-KY-IN PMSA (IN portion)	55,609	55,616	6	0.01
Elkhart-Goshen, IN MSA	178,048	178,827	779	0.44
Evansville-Henderson, IN-KY MSA (IN portion)	251,684	252,428	744	0.29
Fort Wayne, IN MSA	491,662	493,474	1,812	0.37
Gary, IN PMSA	626,849	632,085	5,237	0.83
Indianapolis, IN MSA	1,572,462	1,585,713	13,251	0.84
Kokomo, IN MSA	101,943	102,275	333	0.33
Lafayette, IN MSA	176,557	178,419	1,862	1.04
Louisville, KY-IN MSA (IN portion)	231,319	232,158	839	0.36
Muncie, IN MSA	117,336	118,040	704	0.60
South Bend, IN MSA	262,715	264,319	1,604	0.61
Terre Haute, IN MSA	150,488	150,992	504	0.33
Iowa	2,899,829	2,913,111	13,282	0.46
Cedar Rapids, IA MSA	187,310	187,956	646	0.34
Davenport-Moline-Rock Island, IA-IL MSA (IA portion)	161,050	162,507	1,457	0.90
Des Moines, IA MSA	451,263	454,287	3,025	0.67
Dubuque, IA MSA	88,645	88,857	212	0.24
Iowa City, IA MSA	105,279	106,653	1,374	1.29
Omaha, NE-IA MSA (IA portion)	87,241	87,623	382	0.44
Sioux City, IA-NE MSA (IA portion)	102,908	103,497	589	0.57
Waterloo-Cedar Falls, IA MSA	121,584	122,330	746	0.61
Kansas	2,668,263	2,689,010	20,747	0.77
Kansas City, MO-KS MSA (KS portion)	702,076	707,459	5,383	0.76
Lawrence, KS MSA	96,164	97,478	1,314	1.35
Topeka, KS MSA	166,662	167,759	1,098	0.65
Wichita, KS MSA	560,815	566,402	5,587	0.99
Kentucky	3,994,566	4,058,881	64,315	1.58
Cincinnati, OH-KY-IN PMSA (KY portion)	365,220	370,663	5,443	1.47
Clarksville-Hopkinsville, TN-KY MSA (KY portion)	73,041	74,660	1,619	2.17
Evansville-Henderson, IN-KY MSA (KY portion)	44,719	45,386	668	1.47
Huntington-Ashland, WV-KY-OH MSA (KY portion)	113,401	114,704	1,304	1.14
Lexington, KY MSA	459,797	468,819	9,021	1.92
Louisville, KY-IN MSA (KY portion)	781,667	794,860	13,192	1.66
Owensboro, KY MSA	91,983	93,219	1,236	1.33
Louisiana	4,424,618	4,523,993	99,375	2.20
Alexandria, LA MSA	125,957	128,339	2,383	1.86
Baton Rouge, LA MSA	589,573	603,905	14,332	2.37
Houma, LA MSA	196,923	200,314	3,390	1.69
Lafayette, LA MSA	384,915	392,850	7,935	2.02
Lake Charles, LA MSA	183,883	187,016	3,133	1.68
Monroe, LA MSA	148,651	151,600	2,949	1.95
New Orleans, LA MSA	1,322,427	1,355,983	33,556	2.47
Shreveport-Bossier City, LA MSA	380,874	390,014	9,139	2.34

Footnotes at end of table.

Appendix B. Estimated 2000 Census Undercount by MSA, continued

State, MSA	2000 Population Projections		Estimated 2000 Undercount	
	Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
Maine	1,259,170	1,268,481	9,311	0.73
Bangor, ME NECMA	142,487	143,591	1,103	0.77
Lewiston-Auburn, ME NECMA	101,140	101,989	848	0.83
Portland, ME NECMA	258,218	260,458	2,240	0.86
Maryland	5,274,608	5,395,635	121,027	2.24
Baltimore, MD PMSA	2,535,095	2,590,294	55,198	2.13
Cumberland, MD-WV MSA (MD portion)	71,207	72,123	916	1.27
Hagerstown, MD PMSA	130,017	132,058	2,041	1.55
Washington, DC-MD-VA-WV PMSA (MD portion)	2,065,815	2,119,201	53,386	2.52
Wilmington-Newark, DE-MD PMSA (MD portion)	86,291	87,794	1,503	1.71
Massachusetts	6,198,746	6,244,609	45,863	0.73
Barnstable-Yarmouth, MA NECMA	213,660	215,304	1,644	0.76
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA (MA portion)	5,171,003	5,207,498	36,495	0.70
Pittsfield, MA NECMA	131,287	132,474	1,187	0.90
Springfield, MA NECMA	589,449	594,773	5,324	0.90
Michigan	9,678,943	9,751,789	72,846	0.75
Ann Arbor, MI PMSA	545,691	549,633	3,942	0.72
Benton Harbor, MI MSA	155,736	157,131	1,395	0.89
Detroit, MI PMSA	4,416,136	4,458,625	42,488	0.95
Flint, MI PMSA	426,501	430,940	4,439	1.03
Grand Rapids-Muskegon-Holland, MI MSA	1,031,539	1,038,034	6,495	0.63
Jackson, MI MSA	153,099	153,549	450	0.29
Kalamazoo-Battle Creek, MI MSA	437,407	440,395	2,988	0.68
Lansing-East Lansing, MI MSA	439,909	444,836	4,927	1.11
Saginaw-Bay City-Midland, MI MSA	390,635	392,731	2,096	0.53
Minnesota	4,829,798	4,855,828	26,030	0.54
Duluth-Superior, MN-WI MSA (MN portion)	192,425	192,729	304	0.16
Fargo-Moorhead, ND-MN MSA (MN portion)	51,893	52,223	330	0.63
Grand Forks, ND-MN MSA (MN portion)	30,565	30,684	120	0.39
La Crosse, WI-MN MSA (MN portion)	19,432	19,444	12	0.06
Minneapolis-St. Paul, MN-WI MSA (MN portion)	2,822,228	2,842,741	20,513	0.72
Rochester, MN MSA	119,379	119,805	426	0.36
St. Cloud, MN MSA	165,400	166,027	626	0.38
Mississippi	2,815,743	2,876,098	60,355	2.10
Biloxi-Gulfport-Pascagoula, MS MSA	362,481	368,654	6,172	1.67
Hattiesburg, MS MSA	115,637	117,918	2,281	1.93
Jackson, MS MSA	441,307	452,195	10,889	2.41
Memphis, TN-AR-MS MSA (MS portion)	107,001	108,801	1,800	1.65
Missouri	5,540,378	5,576,552	36,174	0.65
Columbia, MO MSA	133,781	135,481	1,700	1.25
Joplin, MO MSA	153,024	153,450	426	0.28
Kansas City, MO-KS MSA (MO portion)	1,080,015	1,090,752	10,738	0.98
Springfield, MO MSA	317,239	318,500	1,261	0.40
St. Joseph, MO MSA	97,478	97,816	338	0.35
St. Louis, MO-IL MSA (MO portion)	1,980,109	1,996,868	16,759	0.84
Montana	949,657	972,459	22,802	2.34
Billings, MT MSA	136,789	139,359	2,570	1.84
Great Falls, MT MSA	83,811	85,460	1,650	1.93
Missoula, MT MSA	96,593	98,805	2,212	2.24
Nebraska	1,705,467	1,717,719	12,252	0.71
Lincoln, NE MSA	244,604	246,364	1,761	0.71
Omaha, NE-IA MSA (NE portion)	628,069	634,182	6,113	0.96
Sioux City, IA-NE MSA (NE portion)	19,138	19,270	132	0.68
Nevada	1,871,299	1,919,561	48,262	2.51
Las Vegas, NV-AZ MSA (NV portion)	1,291,870	1,324,375	32,505	2.45
Reno, NV MSA	324,768	333,380	8,611	2.58

Footnotes at end of table.

Appendix B. Estimated 2000 Census Undercount by MSA, continued

State, MSA	2000 Population Projections		Estimated 2000 Undercount	
	Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
New Hampshire	1,224,230	1,234,846	10,616	0.86
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA (NH portion)	769,223	775,517	6,294	0.81
New Jersey	8,177,791	8,250,120	72,329	0.88
Atlantic-Cape May, NJ PMSA	340,034	344,198	4,164	1.21
Bergen-Passaic, NJ PMSA	1,346,939	1,355,775	8,836	0.65
Jersey City, NJ PMSA	548,813	568,647	19,833	3.49
Middlesex-Somerset-Hunterdon, NJ PMSA	1,141,587	1,146,203	4,616	0.40
Monmouth-Ocean, NJ PMSA	1,119,292	1,114,963	-4,329	-0.39
Newark, NJ PMSA	1,958,556	1,988,523	29,967	1.51
Philadelphia, PA-NJ PMSA (NJ portion)	1,249,408	1,252,527	3,119	0.25
Trenton, NJ PMSA	332,810	336,874	4,063	1.21
Vineland-Millville-Bridgeton, NJ PMSA	140,352	142,412	2,060	1.45
New Mexico	1,860,397	1,920,618	60,221	3.14
Albuquerque, NM MSA	729,650	748,542	18,892	2.52
Las Cruces, NM MSA	183,866	190,039	6,173	3.25
Santa Fe, NM MSA	154,134	157,863	3,729	2.36
New York	18,146,185	18,474,607	328,422	1.78
Albany-Schenectady-Troy, NY MSA	866,097	869,978	3,881	0.45
Binghamton, NY MSA	242,841	244,643	1,801	0.74
Buffalo-Niagara Falls, NY MSA	1,134,916	1,137,964	3,048	0.27
Dutchess County, NY PMSA	264,629	267,248	2,618	0.98
Elmira, NY MSA	90,413	90,981	568	0.62
Glens Falls, NY MSA	121,257	122,082	825	0.68
Jamestown, NY MSA	135,947	137,195	1,247	0.91
Nassau-Suffolk, NY PMSA	2,672,200	2,659,106	-13,095	-0.49
New York, NY PMSA	8,729,589	9,020,776	291,187	3.23
Newburgh, NY-PA PMSA (NY portion)	332,467	336,477	4,010	1.19
Rochester, NY MSA	1,078,414	1,085,693	7,279	0.67
Syracuse, NY MSA	725,692	729,676	3,984	0.55
Utica-Rome, NY MSA	286,897	289,340	2,443	0.84
North Carolina	7,777,253	7,928,110	150,857	1.90
Asheville, NC MSA	219,713	222,810	3,098	1.39
Charlotte-Gastonia-Rock Hill, NC-SC MSA (NC portion)	1,281,013	1,306,573	25,559	1.96
Fayetteville, NC MSA	278,834	285,083	6,249	2.19
Goldsboro, NC MSA	113,890	116,250	2,359	2.03
Greensboro--Winston-Salem--High Point, NC MSA	1,199,672	1,219,429	19,756	1.62
Greenville, NC MSA	131,641	134,888	3,247	2.41
Hickory-Morganton-Lenoir, NC MSA	331,118	336,004	4,885	1.45
Jacksonville, NC MSA	136,403	139,493	3,090	2.22
Norfolk-Virginia Beach-Newport News, VA-NC MSA (NC portion)	19,101	19,424	322	1.66
Raleigh-Durham-Chapel Hill, NC MSA	1,137,033	1,162,650	25,616	2.20
Rocky Mount, NC MSA	150,335	153,714	3,380	2.20
Wilmington, NC MSA	232,071	236,062	3,991	1.69
North Dakota	661,689	666,663	4,974	0.75
Bismarck, ND MSA	96,620	96,852	232	0.24
Fargo-Moorhead, ND-MN MSA (ND portion)	124,700	125,447	747	0.60
Grand Forks, ND-MN MSA (ND portion)	68,541	69,235	694	1.00

Footnotes at end of table.

Appendix B. Estimated 2000 Census Undercount by MSA, continued

State, MSA	2000 Population Projections		Estimated 2000 Undercount	
	Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
Ohio	11,318,718	11,400,840	82,122	0.72
Akron, OH PMSA	697,768	703,476	5,707	0.81
Canton-Massillon, OH MSA	404,730	406,126	1,396	0.34
Cincinnati, OH-KY-IN PMSA (OH portion)	1,224,621	1,236,907	12,286	0.99
Cleveland-Lorain-Elyria, OH PMSA	2,230,158	2,249,833	19,675	0.87
Columbus, OH MSA	1,504,282	1,521,356	17,074	1.12
Dayton-Springfield, OH MSA	949,061	957,736	8,675	0.91
Hamilton-Middletown, OH PMSA	341,067	342,864	1,797	0.52
Huntington-Ashland, WV-KY-OH MSA (OH portion)	65,171	65,290	120	0.18
Lima, OH MSA	154,419	155,017	597	0.39
Mansfield, OH MSA	174,967	175,484	517	0.29
Parkersburg-Marietta, WV-OH MSA (OH portion)	63,810	63,872	62	0.10
Steubenville-Weirton, OH-WV MSA (OH portion)	73,338	73,463	125	0.17
Toledo, OH MSA	609,339	615,160	5,821	0.95
Wheeling, WV-OH MSA (OH portion)	68,870	68,897	27	0.04
Youngstown-Warren, OH MSA	590,115	592,906	2,791	0.47
Oklahoma	3,372,514	3,435,350	62,836	1.83
Enid, OK MSA	56,095	56,988	892	1.57
Fort Smith, AR-OK MSA (OK portion)	38,463	39,067	604	1.54
Lawton, OK MSA	113,469	115,853	2,384	2.06
Oklahoma City, OK MSA	1,050,889	1,073,188	22,299	2.08
Tulsa, OK MSA	788,335	803,325	14,990	1.87
Oregon	3,397,161	3,464,440	67,279	1.94
Corvallis, OR MSA	79,643	82,244	2,600	3.16
Eugene-Springfield, OR MSA	322,771	330,093	7,322	2.22
Medford-Ashland, OR MSA	180,047	183,771	3,724	2.03
Portland-Vancouver, OR-WA PMSA (OR portion)	1,549,465	1,574,639	25,174	1.60
Salem, OR PMSA	341,263	349,342	8,080	2.31
Pennsylvania	12,202,050	12,250,280	48,230	0.39
Allentown-Bethlehem-Easton, PA MSA	629,057	628,615	-442	-0.07
Altoona, PA MSA	132,139	132,665	526	0.40
Erie, PA MSA	280,149	281,988	1,840	0.65
Harrisburg-Lebanon-Carlisle, PA MSA	631,131	634,399	3,269	0.52
Johnstown, PA MSA	238,012	239,321	1,309	0.55
Lancaster, PA MSA	470,100	474,514	4,414	0.93
Newburgh, NY-PA PMSA (PA portion)	44,209	44,550	341	0.77
Philadelphia, PA-NJ PMSA (PA portion)	3,767,703	3,787,017	19,314	0.51
Pittsburgh, PA MSA	2,366,547	2,364,746	-1,801	-0.08
Reading, PA MSA	364,836	367,401	2,565	0.70
Scranton--Wilkes-Barre--Hazleton, PA MSA	616,878	614,334	-2,544	-0.41
Sharon, PA MSA	123,745	124,404	659	0.53
State College, PA MSA	136,329	138,516	2,187	1.58
Williamsport, PA MSA	118,350	119,133	783	0.66
York, PA MSA	386,535	388,635	2,100	0.54
Rhode Island	997,607	1,001,737	4,130	0.41
Providence-Warwick-Pawtucket, RI NECMA	915,124	918,343	3,220	0.35
South Carolina	3,858,023	3,937,527	79,504	2.02
Augusta-Aiken, GA-SC MSA (SC portion)	155,075	158,164	3,090	1.95
Charleston-North Charleston, SC MSA	538,486	552,247	13,761	2.49
Charlotte-Gastonia-Rock Hill, NC-SC MSA (SC portion)	157,724	160,417	2,694	1.68
Columbia, SC MSA	517,545	529,120	11,575	2.19
Florence, SC MSA	125,616	128,234	2,618	2.04
Greenville-Spartanburg-Anderson, SC MSA	925,006	940,515	15,509	1.65
Myrtle Beach, SC MSA	179,932	183,149	3,217	1.76
Sumter, SC MSA	106,562	109,026	2,463	2.26

Footnotes at end of table.

Appendix B. Estimated 2000 Census Undercount by MSA, continued

State, MSA	2000 Population Projections		Estimated 2000 Undercount	
	Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
South Dakota	777,073	785,318	8,245	1.05
Rapid City, SD MSA	92,376	93,037	661	0.71
Sioux Falls, SD MSA	176,926	177,505	579	0.33
Tennessee	5,657,161	5,758,958	101,797	1.77
Chattanooga, TN-GA MSA (TN portion)	328,660	334,588	5,928	1.77
Clarksville-Hopkinsville, TN-KY MSA (TN portion)	135,290	138,051	2,761	2.00
Jackson, TN MSA	104,421	106,322	1,901	1.79
Johnson City-Kingsport-Bristol, TN-VA MSA (TN portion)	386,125	390,984	4,859	1.24
Knoxville, TN MSA	689,476	700,252	10,775	1.54
Memphis, TN-AR-MS MSA (TN portion)	967,795	993,684	25,889	2.61
Nashville, TN MSA	1,221,257	1,244,232	22,974	1.85
Texas	20,119,335	20,727,421	608,086	2.93
Abilene, TX MSA	121,201	123,776	2,576	2.08
Amarillo, TX MSA	211,725	215,816	4,091	1.90
Austin-San Marcos, TX MSA	1,162,314	1,201,692	39,378	3.28
Beaumont-Port Arthur, TX MSA	378,088	384,737	6,649	1.73
Brazoria, TX PMSA	237,543	242,737	5,194	2.14
Brownsville-Harlingen-San Benito, TX MSA	325,178	336,155	10,978	3.27
Bryan-College Station, TX MSA	134,511	139,182	4,671	3.36
Corpus Christi, TX MSA	382,536	397,393	14,858	3.74
Dallas, TX PMSA	3,322,711	3,420,519	97,808	2.86
El Paso, TX MSA	695,704	727,138	31,434	4.32
Fort Worth-Arlington, TX PMSA	1,637,223	1,680,478	43,256	2.57
Galveston-Texas City, TX PMSA	249,892	255,203	5,311	2.08
Houston, TX PMSA	4,019,454	4,157,348	137,894	3.32
Killeen-Temple, TX MSA	310,405	318,172	7,767	2.44
Laredo, TX MSA	191,377	197,312	5,936	3.01
Longview-Marshall, TX MSA	212,738	216,874	4,136	1.91
Lubbock, TX MSA	227,003	232,994	5,991	2.57
McAllen-Edinburg-Mission, TX MSA	529,394	552,940	23,546	4.26
Odessa-Midland, TX MSA	245,634	250,603	4,969	1.98
San Angelo, TX MSA	101,835	104,078	2,243	2.16
San Antonio, TX MSA	1,540,126	1,599,034	58,908	3.68
Sherman-Denison, TX MSA	104,662	106,429	1,768	1.66
Texarkana, TX-Texarkana, AR MSA (TX portion)	83,925	85,387	1,462	1.71
Tyler, TX MSA	172,817	176,455	3,638	2.06
Victoria, TX MSA	82,686	84,838	2,152	2.54
Waco, TX MSA	205,175	209,992	4,817	2.29
Wichita Falls, TX MSA	138,102	140,611	2,509	1.78
Utah	2,207,013	2,246,639	39,626	1.76
Flagstaff, AZ-UT MSA (UT portion)	6,517	6,615	98	1.48
Provo-Orem, UT MSA	356,712	366,722	10,010	2.73
Salt Lake City-Ogden, UT MSA	1,317,850	1,334,532	16,681	1.25
Vermont	616,803	623,862	7,059	1.13
Burlington, VT NECMA	203,268	205,288	2,020	0.98
Virginia	6,997,006	7,147,001	149,995	2.10
Charlottesville, VA MSA	155,381	159,057	3,676	2.31
Danville, VA MSA	108,728	110,788	2,060	1.86
Johnson City-Kingsport-Bristol, TN-VA MSA (VA portion)	90,545	91,789	1,244	1.36
Lynchburg, VA MSA	213,341	216,853	3,512	1.62
Norfolk-Virginia Beach-Newport News, VA-NC MSA (VA portion)	1,559,205	1,599,952	40,746	2.55
Richmond-Petersburg, VA MSA	987,409	1,007,676	20,267	2.01
Roanoke, VA MSA	230,405	233,603	3,198	1.37
Washington, DC-MD-VA-WV PMSA (VA portion)	2,138,046	2,185,278	47,232	2.16

Footnotes at end of table.

Appendix B. Estimated 2000 Census Undercount by MSA, continued

State, MSA	2000 Population Projections		Estimated 2000 Undercount	
	Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
Washington	5,858,392	5,973,573	115,181	1.93
Bellingham, WA MSA	163,995	168,156	4,161	2.47
Bremerton, WA PMSA	242,520	247,610	5,090	2.06
Olympia, WA PMSA	212,267	216,582	4,315	1.99
Portland-Vancouver, OR-WA PMSA (WA portion)	351,365	356,173	4,808	1.35
Richland-Kennewick-Pasco, WA MSA	187,839	192,946	5,107	2.65
Seattle-Bellevue-Everett, WA PMSA	2,367,312	2,405,895	38,583	1.60
Spokane, WA MSA	419,421	424,960	5,539	1.30
Tacoma, WA PMSA	691,982	705,630	13,648	1.93
Yakima, WA MSA	219,116	227,350	8,234	3.62
West Virginia	1,840,983	1,866,397	25,414	1.36
Charleston, WV MSA	257,450	260,692	3,242	1.24
Cumberland, MD-WV MSA (WV portion)	27,090	27,395	305	1.11
Huntington-Ashland, WV-KY-OH MSA (WV portion)	137,506	139,386	1,880	1.35
Parkersburg-Marietta, WV-OH MSA (WV portion)	87,881	88,880	999	1.12
Steubenville-Weirton, OH-WV MSA (WV portion)	60,215	60,871	656	1.08
Washington, DC-MD-VA-WV PMSA (WV portion)	118,446	120,401	1,955	1.62
Wheeling, WV-OH MSA (WV portion)	83,799	84,764	965	1.14
Wisconsin	5,326,324	5,363,914	37,590	0.70
Appleton-Oshkosh-Neenah, WI MSA	351,958	353,453	1,496	0.42
Duluth-Superior, MN-WI MSA (WI portion)	43,285	43,366	81	0.19
Eau Claire, WI MSA	145,598	146,316	719	0.49
Green Bay, WI MSA	220,773	221,866	1,093	0.49
Janesville-Beloit, WI MSA	154,092	154,898	806	0.52
Kenosha, WI PMSA	148,413	149,393	980	0.66
La Crosse, WI-MN MSA (WI portion)	104,093	104,828	734	0.70
Madison, WI MSA	441,748	446,064	4,316	0.97
Milwaukee-Waukesha, WI PMSA	1,484,050	1,503,683	19,633	1.31
Minneapolis-St. Paul, MN-WI MSA (WI portion)	97,382	97,648	266	0.27
Racine, WI PMSA	189,953	191,608	1,655	0.86
Sheboygan, WI MSA	111,898	112,420	522	0.46
Wausau, WI MSA	125,429	125,824	395	0.31
Wyoming	524,700	536,215	11,515	2.15
Casper, WY MSA	68,405	69,624	1,220	1.75
Cheyenne, WY MSA	87,144	88,947	1,804	2.03

Source: U.S. Census Bureau and PricewaterhouseCoopers calculations.

Note: Adjusted county totals, and therefore the undercount amount, will not sum to state total because of the different methodologies used to calculate the state and county population amounts.

¹ Adjusted minus unadjusted 2000 population projections.

² Undercount as a percent of unadjusted population projection.

³ Naples, Florida (Collier County) successfully protested its official census count from 1990. Figures used in this report represent the original figures.

**Appendix C: 2000 Population Projections by Center County
(Adjusted and Unadjusted)**

Appendix C. Census 2000 Undercount by County

St	County	Center City in County (in whole or part)	2000 Population Projections		Estimated 2000 Undercount	
			Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
Total, All Center Counties			173,685,927	177,300,582	3,614,655	2.04
Alabama			4,450,583	4,529,922	79,339	1.75
	Calhoun County	Anniston, AL	117,681	119,549	1,868	1.56
	Dale County	Dothan (part), AL	48,727	49,782	1,055	2.12
	Etowah County	Gadsden, AL	105,842	107,170	1,328	1.24
	Houston County	Dothan (part), AL	87,320	88,828	1,508	1.70
	Jefferson County	Birmingham (part), AL	661,145	675,167	14,022	2.08
	Lauderdale County	Florence, AL	86,202	87,360	1,158	1.33
	Lee County	Auburn, AL; Opelika, AL	104,456	106,885	2,429	2.27
	Limestone County	Huntsville (part), AL	64,852	65,786	934	1.42
	Madison County	Huntsville (part), AL	289,974	294,882	4,908	1.66
	Mobile County	Mobile, AL	404,965	414,106	9,141	2.21
	Montgomery County	Montgomery, AL	219,107	223,315	4,208	1.88
	Morgan County	Decatur (part), AL	112,587	114,136	1,548	1.36
	Shelby County	Birmingham (part), AL	154,615	157,057	2,441	1.55
	Tuscaloosa County	Tuscaloosa, AL	163,714	166,934	3,220	1.93
Alaska			653,293	666,937	13,644	2.05
	Anchorage Borough	Anchorage, AK	278,564	285,736	7,172	2.51
Arizona			4,797,526	4,920,243	122,717	2.49
	Coconino County	Flagstaff, AZ	115,603	122,042	6,438	5.28
	Maricopa County	Mesa, AZ; Phoenix, AZ; Scottsdale, AZ; Tempe, AZ	2,882,749	2,940,924	58,175	1.98
	Pima County	Tucson, AZ	796,420	815,910	19,490	2.39
	Yuma County	Yuma, AZ	133,652	137,660	4,008	2.91
Arkansas			2,631,383	2,677,467	46,084	1.72
	Benton County	Rogers, AR; Springdale (part), AR	147,507	149,735	2,228	1.49
	Craighead County	Jonesboro, AR	81,481	82,918	1,436	1.73
	Crittenden County	West Memphis, AR	50,092	51,483	1,391	2.70
	Faulkner County	Conway, AR	85,411	86,923	1,512	1.74
	Jefferson County	Pine Bluff, AR	81,121	82,638	1,517	1.84
	Miller County	Texarkana, AR	40,705	41,417	712	1.72
	Pulaski County	Jacksonville, AR; Little Rock, AR; North Little Rock, AR	353,569	361,657	8,088	2.24
	Sebastian County	Fort Smith, AR	109,390	111,024	1,634	1.47
	Washington County	Fayetteville, AR; Springdale (part), AR	147,722	150,645	2,923	1.94
California			32,521,102	33,529,783	1,008,681	3.01
	Alameda County	Alameda, CA; Berkeley, CA; Oakland, CA	1,391,368	1,436,857	45,489	3.17
	Butte County	Chico, CA; Paradise, CA	189,163	194,464	5,301	2.73
	Fresno County	Fresno, CA	760,018	792,449	32,432	4.09
	Kern County	Bakersfield, CA	634,278	655,175	20,897	3.19
	Los Angeles County	Lancaster, CA; Long Beach, CA; Los Angeles, CA; Pasadena, CA	9,109,292	9,450,954	341,662	3.62
	Madera County	Madera, CA	118,631	123,649	5,019	4.06
	Merced County	Merced, CA	197,539	206,382	8,842	4.28
	Monterey County	Monterey, CA; Salinas, CA	359,044	372,718	13,675	3.67
	Napa County	Napa, CA	116,775	119,814	3,039	2.54
	Orange County	Anaheim, CA; Irvine, CA; Santa Ana, CA	2,727,406	2,794,224	66,818	2.39
	Riverside County	Hemet, CA; Palm Desert, CA; Palm Springs, CA; Riverside, CA; Temecula, CA	1,512,416	1,555,379	42,963	2.76
	Sacramento County	Sacramento, CA	1,132,435	1,161,558	29,123	2.51
	San Bernardino County	San Bernardino, CA	1,639,409	1,687,522	48,113	2.85
	San Diego County	Coronado, CA; Escondido, CA; San Diego, CA	2,769,168	2,846,940	77,772	2.73
	San Francisco County	San Francisco, CA	742,033	764,808	22,775	2.98
	San Joaquin County	Lodi, CA; Stockton, CA	554,293	573,393	19,100	3.33
	San Luis Obispo County	Atascadero, CA; El Paso de Robles (Paso Robles), CA; San Luis Obispo, CA	229,196	235,708	6,513	2.76
	Santa Barbara County	Lompoc, CA; Santa Barbara, CA; Santa Maria, CA	382,182	395,191	13,009	3.29
	Santa Clara County	Gilroy, CA; Palo Alto, CA; San Jose, CA; Santa Clara, CA; Sunnyvale, CA	1,642,551	1,684,168	41,617	2.47
	Santa Cruz County	Santa Cruz, CA; Watsonville, CA	238,120	245,298	7,178	2.93
	Shasta County	Redding, CA	160,751	164,350	3,600	2.19
	Solano County	Fairfield, CA; Vallejo, CA	376,121	385,442	9,321	2.42
	Sonoma County	Petaluma, CA; Santa Rosa, CA	426,890	438,175	11,285	2.58
	Stanislaus County	Modesto, CA; Turlock, CA	426,322	439,445	13,123	2.99
	Sutter County	Yuba City, CA	77,850	80,209	2,360	2.94
	Tulare County	Porterville, CA; Tulare, CA; Visalia, CA	356,810	372,135	15,326	4.12
	Ventura County	San Buenaventura (Ventura), CA	725,776	744,147	18,371	2.47
	Yolo County	Davis, CA; Woodland, CA	152,176	158,020	5,844	3.70

Footnotes at end of table. For Estimated Undercount and Undercount Rate by demographic group, see Appendix D.

Appendix C. Estimated 2000 Census Undercount by County, continued

St	County	Center City in County (in whole or part)	2000 Population Projections		Estimated 2000 Undercount	
			Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
Colorado			4,168,224	4,258,653	90,429	2.12
	Boulder County	Boulder, CO; Longmont, CO	278,482	285,272	6,790	2.38
	Denver County	Denver, CO	509,478	525,580	16,103	3.06
	El Paso County	Colorado Springs, CO	519,179	530,627	11,449	2.16
	Larimer County	Fort Collins, CO; Loveland, CO	243,542	249,436	5,894	2.36
	Mesa County	Grand Junction, CO	118,002	120,463	2,461	2.04
	Pueblo County	Pueblo, CO	135,955	139,031	3,076	2.21
	Weld County	Greeley, CO	165,654	170,904	5,250	3.07
Connecticut			3,284,142	3,312,393	28,251	0.85
	Fairfield County	Bridgeport city, CT; Danbury city, CT; Norwalk city, CT; Stamford city, CT	844,495	851,758	7,263	0.85
	Hartford County	Hartford city, CT	826,628	834,847	8,219	0.98
	Middlesex County	Middletown city, CT	152,120	152,947	827	0.54
	New Haven County	Meriden city, CT; New Haven city, CT; Waterbury city, CT	795,124	800,891	5,767	0.72
	New London County	New London city, CT; Norwich city, CT	244,020	246,709	2,689	1.09
Delaware			767,559	782,464	14,905	1.90
	Kent County	Dover, DE	127,936	130,336	2,400	1.84
	New Castle County	Newark, DE; Wilmington, DE	495,256	505,280	10,025	1.98
District of Columbia			523,328	542,830	19,502	3.59
	District of Columbia	Washington, DC	523,328	542,830	19,502	3.59
Florida			15,233,224	15,569,941	336,717	2.16
	Alachua County	Gainesville, FL	199,868	205,104	5,235	2.55
	Bay County	Panama City, FL	150,475	153,098	2,623	1.71
	Brevard County	Melbourne, FL; Palm Bay, FL; Titusville, FL	478,448	486,261	7,813	1.61
	Broward County	Fort Lauderdale, FL	1,550,294	1,582,531	32,236	2.04
	Charlotte County	Punta Gorda, FL	140,112	141,338	1,226	0.87
	Collier County ³	Naples, FL	210,540	215,073	4,533	2.11
	Duval County	Jacksonville, FL	739,165	756,799	17,633	2.33
	Escambia County	Pensacola, FL	282,573	289,005	6,432	2.23
	Hillsborough County	Tampa, FL	936,057	960,795	24,738	2.57
	Lee County	Cape Coral, FL; Fort Myers, FL	404,528	410,456	5,928	1.44
	Leon County	Tallahassee, FL	219,874	224,837	4,963	2.21
	Manatee County	Bradenton, FL	244,693	248,720	4,027	1.62
	Marion County	Ocala, FL	251,659	255,785	4,127	1.61
	Miami-Dade County	Miami, FL; Miami Beach, FL	2,151,727	2,241,902	90,176	4.02
	Okaloosa County	Fort Walton Beach, FL	173,779	177,041	3,262	1.84
	Orange County	Orlando, FL	826,968	849,164	22,196	2.61
	Palm Beach County	Boca Raton, FL; West Palm Beach, FL	1,065,442	1,084,711	19,269	1.78
	Pinellas County	Clearwater, FL; St Petersburg, FL	876,035	886,387	10,352	1.17
	Polk County	Lakeland, FL; Winter Haven, FL	459,788	467,922	8,134	1.74
	Sarasota County	Sarasota, FL	307,676	310,404	2,728	0.88
	St. Lucie County	Fort Pierce, FL; Port St Lucie, FL	184,407	187,576	3,169	1.69
	Volusia County	Daytona Beach, FL	432,674	439,074	6,401	1.46
Georgia			7,874,792	8,054,395	179,603	2.23
	Bibb County	Macon (part), GA	156,378	159,703	3,325	2.08
	Chatham County	Savannah, GA	224,949	229,442	4,493	1.96
	Clarke County	Athens-Clarke County, GA	89,861	92,649	2,788	3.01
	DeKalb County	Atlanta (part), GA	591,193	609,329	18,135	2.98
	Dougherty County	Albany, GA	94,160	96,532	2,372	2.46
	Fulton County	Atlanta (part), GA	751,394	776,047	24,653	3.18
	Jones County	Macon (part), GA	23,505	23,947	442	1.85
	Muscogee County	Columbus, GA	179,949	184,093	4,144	2.25
	Richmond County	Augusta-Richmond, GA	188,290	193,734	5,444	2.81
Hawaii			1,257,404	1,281,917	24,513	1.91
	Honolulu County	Honolulu, HI	910,501	928,185	17,685	1.91
Idaho			1,346,506	1,377,221	30,715	2.23
	Ada County	Boise City, ID	308,867	314,524	5,657	1.80
	Bannock County	Pocatello (part), ID	80,775	82,531	1,756	2.13
	Canyon County	Nampa, ID	133,524	137,245	3,721	2.71

Footnotes at end of table. For Estimated Undercount and Undercount Rate by demographic group, see Appendix D.

Appendix C. Estimated 2000 Census Undercount by County, continued

St	County	Center City in County (in whole or part)	2000 Population Projections		Estimated 2000 Undercount	
			Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
Illinois			12,050,818	12,182,404	131,586	1.08
	Champaign County	Champaign, IL; Urbana, IL	164,426	166,971	2,545	1.52
	Cook County	Chicago (part), IL; Elgin, IL; Evanston, IL	5,139,356	5,230,008	90,651	1.73
	DeKalb County	DeKalb, IL	84,585	85,667	1,082	1.26
	DuPage County	Chicago (part), IL; Aurora, IL	893,723	897,754	4,031	0.45
	Kane County	Elgin, IL; Aurora, IL	405,421	409,876	4,455	1.09
	Kankakee County	Kankakee, IL	102,376	103,339	963	0.93
	Lake County	North Chicago, IL	619,997	624,315	4,318	0.69
	Macon County	Decatur, IL	111,646	112,327	682	0.61
	Madison County	Alton, IL; Granite City, IL	258,693	260,081	1,387	0.53
	McLean County	Bloomington, IL; Normal, IL	144,322	145,456	1,135	0.78
	Peoria County	Pekin (part), IL; Peoria, IL	179,159	180,674	1,515	0.84
	Rock Island County	Moline, IL; Rock Island, IL	145,524	146,636	1,113	0.76
	Sangamon County	Springfield, IL	192,400	193,337	937	0.48
	St. Clair County	Belleville, IL; East St Louis, IL	259,040	262,857	3,817	1.45
	Tazewell County	Pekin (part), IL	127,642	127,972	331	0.26
	Will County	Joliet, IL	482,058	485,002	2,944	0.61
	Winnebago County	Rockford, IL	267,994	269,705	1,711	0.63
Indiana			6,044,528	6,075,839	31,311	0.52
	Allen County	Fort Wayne, IN	319,963	321,671	1,708	0.53
	Delaware County	Muncie, IN	117,336	118,040	704	0.60
	Elkhart County	Elkhart, IN; Goshen, IN	178,048	178,827	779	0.44
	Floyd County	New Albany, IN	74,733	75,064	331	0.44
	Howard County	Kokomo, IN	84,882	85,204	322	0.38
	Lake County	East Chicago, IN; Gary, IN	475,625	480,468	4,843	1.01
	Madison County	Anderson, IN	132,820	133,274	453	0.34
	Marion County	Indianapolis, IN	822,941	834,888	11,947	1.43
	Monroe County	Bloomington, IN	117,756	119,032	1,277	1.07
	St. Joseph County	South Bend, IN	262,715	264,319	1,604	0.61
	Tippecanoe County	Lafayette, IN	142,439	144,239	1,800	1.25
	Vanderburgh County	Evansville, IN	170,689	171,429	741	0.43
	Vigo County	Terre Haute, IN	105,890	106,420	531	0.50
Iowa			2,899,829	2,913,111	13,282	0.46
	Black Hawk County	Cedar Falls, IA; Waterloo, IA	121,584	122,330	746	0.61
	Dubuque County	Dubuque, IA	88,645	88,857	212	0.24
	Johnson County	Iowa City, IA	105,279	106,653	1,374	1.29
	Linn County	Cedar Rapids, IA	187,310	187,956	646	0.34
	Polk County	Des Moines, IA	370,711	373,583	2,872	0.77
	Pottawattamie County	Council Bluffs, IA	87,241	87,623	382	0.44
	Scott County	Davenport, IA	161,050	162,507	1,457	0.90
	Woodbury County	Sioux City, IA	102,908	103,497	589	0.57
Kansas			2,668,263	2,689,010	20,747	0.77
	Douglas County	Lawrence, KS	96,164	97,478	1,314	1.35
	Johnson County	Olathe, KS	448,228	450,830	2,602	0.58
	Leavenworth County	Leavenworth, KS	73,452	73,959	507	0.69
	Sedgwick County	Wichita, KS	460,949	466,127	5,178	1.11
	Shawnee County	Topeka, KS	166,662	167,759	1,098	0.65
	Wyandotte County	Kansas City, KS	153,049	155,275	2,226	1.43
Kentucky			3,994,566	4,058,881	64,315	1.58
	Boyd County	Ashland, KY	49,076	49,616	540	1.09
	Christian County	Hopkinsville, KY	73,041	74,660	1,619	2.17
	Daviess County	Owensboro, KY	91,983	93,219	1,236	1.33
	Fayette County	Lexington-Fayette, KY	244,882	249,831	4,949	1.98
	Henderson County	Henderson, KY	44,719	45,386	668	1.47
	Jefferson County	Louisville, KY	671,661	683,521	11,860	1.74
Louisiana			4,424,618	4,523,993	99,375	2.20
	Bossier Parish	Shreveport (part), LA; Bossier City, LA	95,673	97,879	2,206	2.25
	Caddo Parish	Shreveport (part), LA	242,164	248,324	6,160	2.48
	Calcasieu Parish	Lake Charles, LA	183,883	187,016	3,133	1.68
	East Baton Rouge Parish	Baton Rouge, LA	399,890	410,856	10,966	2.67
	Lafayette Parish	Lafayette, LA	192,868	196,868	4,000	2.03
	Orleans Parish	New Orleans, LA	461,364	477,626	16,262	3.40
	Ouachita Parish	Monroe, LA	148,651	151,600	2,949	1.95
	Rapides Parish	Alexandria, LA	125,957	128,339	2,383	1.86
	St. Tammany Parish	Slidell, LA	201,943	205,282	3,339	1.63
	Terrebonne Parish	Houma, LA	106,610	108,444	1,834	1.69

Footnotes at end of table. For Estimated Undercount and Undercount Rate by demographic group, see Appendix D.

Appendix C. Estimated 2000 Census Undercount by County, continued

St	County	Center City in County (in whole or part)	2000 Population Projections		Estimated 2000 Undercount		
			Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²	
Maine			1,259,170	1,268,481	9,311	0.73	
	Androscoggin County	Auburn city, ME; Lewiston city, ME	101,140	101,989	848	0.83	
	Cumberland County	Portland city, ME	258,218	260,458	2,240	0.86	
	Penobscot County	Bangor city, ME	142,487	143,591	1,103	0.77	
Maryland			5,274,608	5,395,635	121,027	2.24	
	Allegany County	Cumberland, MD	71,207	72,123	916	1.27	
	Anne Arundel County	Annapolis, MD	493,545	502,659	9,114	1.81	
	Baltimore city	Baltimore, MD	627,252	649,222	21,970	3.38	
	Frederick County	Frederick, MD	198,944	202,378	3,434	1.70	
	Washington County	Hagerstown, MD	130,017	132,058	2,041	1.55	
Massachusetts			6,198,746	6,244,609	45,863	0.73	
	Barnstable County	Barnstable city, MA; Yarmouth town, MA	213,660	215,304	1,644	0.76	
	Berkshire County	Pittsfield city, MA	131,287	132,474	1,187	0.90	
	Bristol County	Attleboro city, MA; Fall River city, MA; New Bedford city, MA	520,487	524,537	4,049	0.77	
	Essex County	Gloucester city, MA; Lawrence city, MA; Lynn city, MA	709,064	712,670	3,607	0.51	
	Hampden County	Holyoke city, MA; Springfield city, MA; Westfield city, MA	439,338	443,020	3,681	0.83	
	Hampshire County	Northampton city, MA	150,110	151,753	1,643	1.08	
	Middlesex County	Cambridge city, MA; Lowell city, MA; Waltham city, MA	1,433,576	1,438,406	4,831	0.34	
	Plymouth County	Brockton city, MA	475,716	477,470	1,754	0.37	
	Suffolk County	Boston city, MA	643,674	664,717	21,043	3.17	
		Worcester County	Fitchburg city, MA; Leominster city, MA; Worcester city, MA	739,344	744,826	5,482	0.74
	Michigan			9,678,943	9,751,789	72,846	0.75
Allegan County		Holland (part), MI	101,141	101,390	249	0.25	
Bay County		Midland (part), MI; Bay City, MI	106,070	106,257	187	0.18	
Calhoun County		Battle Creek, MI	138,193	138,985	792	0.57	
Eaton County		Lansing (part), MI	99,959	100,429	471	0.47	
Genesee County		Flint, MI	426,501	430,940	4,439	1.03	
Ingham County		Lansing (part), MI; East Lansing, MI	277,277	281,696	4,419	1.57	
Jackson County		Jackson, MI	153,099	153,549	450	0.29	
Kalamazoo County		Kalamazoo, MI	224,448	226,186	1,738	0.77	
Kent County		Grand Rapids, MI	539,990	544,377	4,387	0.81	
Midland County		Midland (part), MI	80,719	80,851	132	0.16	
Muskegon County		Muskegon, MI	164,123	165,038	915	0.55	
Oakland County		Pontiac, MI	1,164,108	1,169,759	5,651	0.48	
Ottawa County		Holland (part), MI	226,285	227,229	944	0.42	
Saginaw County		Saginaw, MI	203,846	205,623	1,777	0.86	
St. Clair County		Port Huron, MI	158,210	158,517	307	0.19	
Washtenaw County		Ann Arbor, MI	299,098	302,795	3,698	1.22	
		Wayne County	Detroit, MI; Dearborn, MI	2,082,922	2,117,608	34,686	1.64
Minnesota				4,829,798	4,855,828	26,030	0.54
		Benton County	St Cloud (part), MN	35,129	35,186	57	0.16
	Clay County	Moorhead, MN	51,893	52,223	330	0.63	
	Hennepin County	Minneapolis, MN	1,071,290	1,082,881	11,591	1.07	
	Olmsted County	Rochester, MN	119,379	119,805	426	0.36	
	Ramsey County	St Paul, MN	487,415	493,405	5,990	1.21	
	St. Louis County	Duluth, MN	192,425	192,729	304	0.16	
		Stearns County	St Cloud (part), MN	130,272	130,841	569	0.43
	Mississippi			2,815,743	2,876,098	60,355	2.10
Forrest County		Hattiesburg (part), MS	76,443	78,074	1,631	2.09	
Harrison County		Biloxi, MS; Gulfport, MS	182,758	186,197	3,440	1.85	
Hinds County		Jackson (part), MS	245,444	252,471	7,027	2.78	
Jackson County		Pascagoula, MS	136,438	138,618	2,180	1.57	
Lamar County		Hattiesburg (part), MS	39,194	39,844	650	1.63	
Madison County		Jackson (part), MS	78,622	80,544	1,922	2.39	
Rankin County		Jackson (part), MS	117,241	119,181	1,940	1.63	

Footnotes at end of table. For Estimated Undercount and Undercount Rate by demographic group, see Appendix D.

Appendix C. Estimated 2000 Census Undercount by County, continued

St	County	Center City in County (in whole or part)	2000 Population Projections		Estimated 2000 Undercount	
			Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
Missouri			5,540,378	5,576,552	36,174	0.65
	Boone County	Columbia, MO	133,781	135,481	1,700	1.25
	Buchanan County	St Joseph, MO	81,643	81,970	327	0.40
	Cass County	Kansas City (part), MO	85,474	85,767	293	0.34
	Christian County	Springfield (part), MO	54,263	54,321	58	0.11
	Clay County	Kansas City (part), MO	182,630	183,743	1,113	0.61
	Greene County	Springfield (part), MO	232,261	233,442	1,182	0.51
	Jackson County	Kansas City (part), MO	661,197	669,850	8,653	1.29
	Jasper County	Joplin (part), MO	102,382	102,716	333	0.32
	Newton County	Joplin (part), MO	50,641	50,734	93	0.18
	Platte County	Kansas City (part), MO	73,548	74,136	588	0.79
	St. Charles County	St Charles, MO	289,842	291,148	1,305	0.45
	St. Louis city	St Louis, MO	326,551	334,299	7,748	2.32
Montana			949,657	972,459	22,802	2.34
	Cascade County	Great Falls, MT	83,811	85,460	1,650	1.93
	Missoula County	Missoula, MT	96,593	98,805	2,212	2.24
	Yellowstone County	Billings, MT	136,789	139,359	2,570	1.84
Nebraska			1,705,467	1,717,719	12,252	0.71
	Douglas County	Omaha, NE	456,053	460,536	4,483	0.97
	Lancaster County	Lincoln, NE	244,604	246,364	1,761	0.71
Nevada			1,871,299	1,919,561	48,262	2.51
	Clark County	Las Vegas, NV	1,259,642	1,291,332	31,690	2.45
	Washoe County	Reno, NV	324,768	333,380	8,611	2.58
New Hampshire			1,224,230	1,234,846	10,616	0.86
	Hillsborough County	Manchester city, NH; Nashua city, NH	375,368	378,704	3,336	0.88
	Rockingham County	Portsmouth city, NH	282,229	284,262	2,033	0.72
	Strafford County	Rochester city, NH	111,626	112,551	925	0.82
New Jersey			8,177,791	8,250,120	72,329	0.88
	Atlantic County	Atlantic City, NJ	241,261	244,720	3,459	1.41
	Camden County	Camden, NJ	505,358	507,832	2,474	0.49
	Cumberland County	Bridgeton, NJ; Millville, NJ; Vineland, NJ	140,352	142,412	2,060	1.45
	Essex County	Newark, NJ	744,355	768,801	24,446	3.18
	Hudson County	Bayonne, NJ; Jersey City, NJ	548,813	568,647	19,833	3.49
	Mercer County	Trenton, NJ	332,810	336,874	4,063	1.21
	Morris County	Dover, NJ	467,833	466,302	-1,532	-0.33
New Mexico			1,860,397	1,920,618	60,221	3.14
	Bernalillo County	Albuquerque, NM	558,254	571,893	13,638	2.38
	Dona Ana County	Las Cruces, NM	183,866	190,039	6,173	3.25
	Santa Fe County	Santa Fe, NM	134,671	138,142	3,471	2.51
New York			18,146,185	18,474,607	328,422	1.78
	Albany County	Albany, NY	290,170	292,003	1,833	0.63
	Bronx County	Borough of the Bronx, NY	1,203,154	1,269,772	66,618	5.25
	Broome County	Binghamton, NY	190,900	192,438	1,537	0.80
	Cayuga County	Auburn, NY	80,208	80,823	615	0.76
	Chautauqua County	Jamestown, NY	135,947	137,195	1,247	0.91
	Chemung County	Elmira, NY	90,413	90,981	568	0.62
	Dutchess County	Poughkeepsie, NY	264,629	267,248	2,618	0.98
	Erie County	Buffalo, NY	919,572	922,426	2,854	0.31
	Kings County	Borough of Brooklyn, NY	2,266,301	2,364,112	97,812	4.14
	Monroe County	Rochester, NY	711,696	715,666	3,970	0.55
	New York County	Borough of Manhattan, NY	1,567,069	1,633,366	66,297	4.06
	Niagara County	Niagara Falls, NY	215,344	215,538	194	0.09
	Oneida County	Rome, NY; Utica, NY	223,943	225,990	2,046	0.91
	Onondaga County	Syracuse, NY	451,565	453,174	1,609	0.36
	Orange County	Newburgh, NY	332,467	336,477	4,010	1.19
	Queens County	Borough of Queens, NY	2,003,457	2,054,536	51,079	2.49
	Rensselaer County	Troy, NY	150,739	151,593	854	0.56
	Richmond County	Borough of Staten Island, NY	411,503	412,459	956	0.23
	Saratoga County	Saratoga Springs, NY	199,629	200,348	719	0.36
	Schenectady County	Schenectady, NY	143,275	142,783	-492	-0.34
	Warren County	Glens Falls, NY	61,091	61,510	419	0.68

Footnotes at end of table. For Estimated Undercount and Undercount Rate by demographic group, see Appendix D.

Appendix C. Estimated 2000 Census Undercount by County, continued

St	County	Center City in County (in whole or part)	2000 Population Projections		Estimated 2000 Undercount	
			Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
North Carolina			7,777,253	7,928,110	150,857	1.90
	Alamance County	Burlington, NC	122,536	124,388	1,851	1.49
	Buncombe County	Asheville, NC	200,430	203,188	2,758	1.36
	Burke County	Hickory (part), NC; Morganton, NC	84,653	85,908	1,255	1.46
	Cabarrus County	Concord, NC; Kannapolis, NC	126,285	127,983	1,699	1.33
	Caldwell County	Lenoir, NC	77,829	78,980	1,152	1.46
	Catawba County	Hickory (part), NC	136,284	138,306	2,022	1.46
	Cumberland County	Fayetteville, NC	278,834	285,083	6,249	2.19
	Davidson County	High Point (part), NC	145,501	147,710	2,210	1.50
	Durham County	Chapel Hill (part), NC; Durham (part), NC	206,954	211,538	4,584	2.17
	Edgecombe County	Rocky Mount (part), NC	55,253	56,643	1,391	2.46
	Forsyth County	Winston-Salem, NC; High Point, NC	293,663	298,710	5,047	1.69
	Gaston County	Gastonia, NC	187,181	190,219	3,037	1.60
	Guilford County	Greensboro, NC; High Point, NC	398,147	405,417	7,269	1.79
	Mecklenburg County	Charlotte, NC	660,076	675,797	15,722	2.33
	Nash County	Rocky Mount (part), NC	95,082	97,071	1,989	2.05
	New Hanover County	Wilmington, NC	158,323	161,103	2,780	1.73
	Onslow County	Jacksonville, NC	136,403	139,493	3,090	2.22
	Orange County	Chapel Hill (part), NC; Durham (part), NC	113,442	116,410	2,968	2.55
	Pitt County	Greenville, NC	131,641	134,888	3,247	2.41
	Randolph County	High Point (part), NC	125,385	127,178	1,793	1.41
	Rowan County	Kannapolis, NC	129,834	131,898	2,064	1.56
	Wake County	Raleigh, NC	608,753	622,566	13,814	2.22
	Wayne County	Goldsboro, NC	113,890	116,250	2,359	2.03
North Dakota			661,689	666,663	4,974	0.75
	Burleigh County	Bismarck, ND	70,983	71,202	219	0.31
	Cass County	Fargo, ND	124,700	125,447	747	0.60
	Grand Forks County	Grand Forks, ND	68,541	69,235	694	1.00
Ohio			11,318,718	11,400,840	82,122	0.72
	Allen County	Lima, OH	106,618	107,159	541	0.51
	Butler County	Hamilton, OH; Middletown, OH	341,067	342,864	1,797	0.52
	Clark County	Springfield, OH	144,978	145,673	695	0.48
	Cuyahoga County	Cleveland, OH	1,373,914	1,390,675	16,762	1.21
	Fairfield County	Columbus (part), OH; Lancaster, OH	129,790	129,946	156	0.12
	Franklin County	Columbus (part), OH; Springfield, OR	1,037,326	1,053,533	16,207	1.54
	Greene County	Fairborn, OH	149,285	150,403	1,117	0.74
	Hamilton County	Cincinnati, OH	843,685	854,843	11,157	1.31
	Jefferson County	Steubenville, OH	73,338	73,463	125	0.17
	Licking County	Newark, OH	139,203	139,484	281	0.20
	Lorain County	Elyria, OH; Lorain, OH	284,820	286,677	1,857	0.65
	Lucas County	Toledo, OH	445,364	450,318	4,954	1.10
	Mahoning County	Youngstown (part), OH	252,959	254,709	1,749	0.69
	Montgomery County	Dayton, OH	555,232	561,878	6,647	1.18
	Portage County	Kent, OH	153,649	154,795	1,146	0.74
	Richland County	Mansfield, OH	127,825	128,269	444	0.35
	Stark County	Canton, OH; Massillon, OH	374,922	376,301	1,380	0.37
	Summit County	Akron, OH	544,119	548,680	4,561	0.83
	Trumbull County	Youngstown (part), OH; Warren, OH	224,689	225,627	939	0.42
	Washington County	Marietta, OH	63,810	63,872	62	0.10
	Wood County	Bowling Green, OH	121,202	121,925	723	0.59
Oklahoma			3,372,514	3,435,350	62,836	1.83
	Canadian County	Oklahoma City (part), OK	87,171	88,476	1,306	1.48
	Cleveland County	Oklahoma City (part), OK; Norman, OK	205,646	209,981	4,335	2.06
	Comanche County	Lawton, OK	113,469	115,853	2,384	2.06
	Garfield County	Enid, OK	56,095	56,988	892	1.57
	McClain County	Oklahoma City (part), OK	26,730	27,148	418	1.54
	Oklahoma County	Oklahoma City (part), OK	637,385	652,161	14,776	2.27
	Osage County	Tulsa (part), OK	43,168	44,555	1,387	3.11
	Pottawatomie County	Oklahoma City (part), OK; Shawnee, OK	62,627	63,568	941	1.48
	Rogers County	Tulsa (part), OK	71,138	72,075	937	1.30
	Tulsa County	Tulsa (part), OK	549,176	560,063	10,887	1.94

Footnotes at end of table. For Estimated Undercount and Undercount Rate by demographic group, see Appendix D.

Appendix C. Estimated 2000 Census Undercount by County, continued

St	County	Center City in County (in whole or part)	2000 Population Projections		Estimated 2000 Undercount	
			Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
Oregon			3,397,161	3,464,440	67,279	1.94
	Benton County	Corvallis, OR	79,643	82,244	2,600	3.16
	Clackamas County	Portland (part), OR	350,296	354,295	3,998	1.13
	Jackson County	Ashland, OR; Medford, OR	180,047	183,771	3,724	2.03
	Lane County	Eugene, OR; Springfield, OR	322,771	330,093	7,322	2.22
	Marion County	Salem (part), OR	276,673	283,318	6,645	2.35
	Multnomah County	Portland (part), OR	643,736	655,661	11,925	1.82
	Polk County	Salem (part), OR	64,590	66,024	1,434	2.17
	Washington County	Portland (part), OR	422,878	429,229	6,351	1.48
Pennsylvania			12,202,050	12,250,280	48,230	0.39
	Allegheny County	Pittsburgh, PA	1,270,697	1,268,552	-2,144	-0.17
	Berks County	Reading, PA	364,836	367,401	2,565	0.70
	Blair County	Altoona,PA	132,139	132,665	526	0.40
	Cambria County	Johnstown, PA	156,304	157,118	814	0.52
	Centre County	State College, PA	136,329	138,516	2,187	1.58
	Cumberland County	Carlisle, PA	214,548	214,602	55	0.03
	Dauphin County	Harrisburg, PA	251,275	253,319	2,044	0.81
	Erie County	Erie, PA	280,149	281,988	1,840	0.65
	Lackawanna County	Scranton, PA	208,280	206,627	-1,653	-0.80
	Lancaster County	Lancaster, PA	470,100	474,514	4,414	0.93
	Lebanon County	Lebanon, PA	119,620	120,483	862	0.72
	Lehigh County	Allentown, PA; Bethlehem, PA	304,666	303,906	-760	-0.25
	Luzerne County	Wilkes-Barre, PA	313,789	312,136	-1,653	-0.53
	Lycoming County	Williamsport, PA	118,350	119,133	783	0.66
	Mercer County	Sharon, PA	123,745	124,404	659	0.53
	Northampton County	Bethlehem, PA	264,395	264,550	155	0.06
	Philadelphia County	Philadelphia, PA	1,432,266	1,459,337	27,070	1.85
	York County	York, PA	386,535	388,635	2,100	0.54
Rhode Island			997,607	1,001,737	4,130	0.41
	Kent County	Warwick city, RI	162,869	161,156	-1,713	-1.06
	Providence County	Pawtucket city, RI; Providence city, RI; Woonsocket city, RI	578,675	582,840	4,165	0.71
South Carolina			3,858,023	3,937,527	79,504	2.02
	Aiken County	Aiken, SC	134,974	137,608	2,633	1.91
	Anderson County	Anderson, SC	162,361	164,663	2,303	1.40
	Berkeley County	North Charleston (part), SC	135,175	138,686	3,510	2.53
	Charleston County	Charleston, SC; North Charleston, SC	315,760	324,059	8,299	2.56
	Dorchester County	North Charleston (part), SC	87,550	89,503	1,952	2.18
	Florence County	Florence, SC	125,616	128,234	2,618	2.04
	Greenville County	Greenville, SC	355,953	361,919	5,965	1.65
	Horry County	Myrtle Beach, SC	179,932	183,149	3,217	1.76
	Richland County	Columbia, SC	305,697	313,827	8,130	2.59
	Spartanburg County	Spartanburg, SC	248,434	252,601	4,167	1.65
	Sumter County	Sumter, SC	106,562	109,026	2,463	2.26
	York County	Rock Hill, SC	157,724	160,417	2,694	1.68
South Dakota			777,073	785,318	8,245	1.05
	Lincoln County	Sioux Falls (part), SD	22,784	22,793	9	0.04
	Minnehaha County	Sioux Falls (part), SD	154,142	154,712	570	0.37
	Pennington County	Rapid City, SD	92,376	93,037	661	0.71
Tennessee			5,657,161	5,758,958	101,797	1.77
	Anderson County	Oak Ridge (part), TN	73,001	74,026	1,025	1.38
	Carter County	Johnson City (part), TN	54,748	55,375	627	1.13
	Davidson County	Nashville-Davidson, TN	545,452	557,984	12,532	2.25
	Hamilton County	Chattanooga, TN	300,813	306,379	5,565	1.82
	Hawkins County	Kingsport, TN	52,021	52,656	635	1.21
	Knox County	Knoxville, TN	380,457	387,114	6,657	1.72
	Madison County	Jackson, TN	88,968	90,612	1,644	1.81
	Montgomery County	Clarksville, TN	135,290	138,051	2,761	2.00
	Rutherford County	Murfreesboro, TN	182,756	186,182	3,426	1.84
	Shelby County	Memphis, TN	885,067	908,997	23,930	2.63
	Sullivan County	Johnson City (part), TN; Kingsport, TN; Bristol, TN	155,119	156,920	1,801	1.15
	Washington County	Johnson City (part), TN	106,540	108,115	1,574	1.46

Footnotes at end of table. For Estimated Undercount and Undercount Rate by demographic group, see Appendix D.

Appendix C. Estimated 2000 Census Undercount by County, continued

St	County	Center City in County (in whole or part)	2000 Population Projections		Estimated 2000 Undercount	
			Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
Texas			20,119,335	20,727,421	608,086	2.93
	Archer County	Wichita Falls (part), TX	8,416	8,570	154	1.80
	Bell County	Killeen, TX; Temple, TX	229,366	235,303	5,937	2.52
	Bexar County	San Antonio, TX	1,345,373	1,399,723	54,350	3.88
	Bowie County	Texarkana, TX	83,925	85,387	1,462	1.71
	Brazos County	Bryan, TX; College Station, TX	134,511	139,182	4,671	3.36
	Caldwell County	San Marcos (part), TX	33,252	34,379	1,127	3.28
	Cameron County	Brownsville, TX; Harlingen, TX; San Benito, TX	325,178	336,155	10,978	3.27
	Chambers County	Baytown, TX	24,652	25,215	564	2.24
	Collin County	Dallas (part), TX	478,882	488,700	9,818	2.01
	Comal County	New Braunfels (part), TX	78,643	80,043	1,400	1.75
	Dallas County	Dallas (part), TX; Irving, TX	2,068,687	2,140,363	71,675	3.35
	Denton County	Dallas (part), TX; Denton, TX	413,742	423,185	9,443	2.23
	Ector County	Odessa (part), TX	124,529	127,087	2,558	2.01
	El Paso County	El Paso, TX	695,704	727,138	31,434	4.32
	Fort Bend County	Houston (part), TX	364,286	373,326	9,041	2.42
	Galveston County	Galveston, TX; Texas City, TX	249,892	255,203	5,311	2.08
	Grayson County	Denison, TX; Sherman, TX	104,662	106,429	1,768	1.66
	Gregg County	Longview (part), TX	115,271	117,543	2,272	1.93
	Guadalupe County	New Braunfels (part), TX	82,975	85,194	2,218	2.60
	Harris County	Houston (part), TX; Baytown, TX	3,236,068	3,356,335	120,267	3.58
	Harrison County	Longview (part), TX; Marshall, TX	60,373	61,582	1,208	1.96
	Hays County	San Marcos (part), TX	93,365	96,402	3,037	3.15
	Hidalgo County	Edinburg, TX; McAllen, TX; Mission, TX	529,394	552,940	23,546	4.26
	Jefferson County	Beaumont, TX; Port Arthur, TX	241,353	245,929	4,576	1.86
	Kaufman County	Dallas (part), TX	69,269	70,513	1,245	1.77
	Lubbock County	Lubbock, TX	227,003	232,994	5,991	2.57
	McLennan County	Waco, TX	205,175	209,992	4,817	2.29
	Midland County	Odessa (part), TX; Midland (part), TX	121,105	123,516	2,412	1.95
	Montgomery County	Houston (part), TX; Conroe, TX	297,987	303,992	6,005	1.98
	Nueces County	Corpus Christi (part), TX	310,288	322,595	12,307	3.81
	Potter County	Amarillo (part), TX	109,932	112,331	2,400	2.14
	Randall County	Amarillo (part), TX	101,793	103,484	1,691	1.63
	Rockwall County	Dallas (part), TX	40,522	41,247	725	1.76
	San Patricio County	Corpus Christi (part), TX	72,248	74,798	2,551	3.41
	Smith County	Tyler, TX	172,817	176,455	3,638	2.06
	Tarrant County	Fort Worth, TX; Arlington, TX	1,387,813	1,426,866	39,053	2.74
	Taylor County	Abilene (part), TX	121,201	123,776	2,576	2.08
	Tom Green County	San Angelo, TX	101,835	104,078	2,243	2.16
	Travis County	Austin (part), TX	733,808	761,968	28,160	3.70
	Victoria County	Victoria, TX	82,686	84,838	2,152	2.54
	Webb County	Laredo, TX	191,377	197,312	5,936	3.01
	Wichita County	Wichita Falls (part), TX	129,686	132,041	2,355	1.78
	Williamson County	Austin (part), TX	248,587	254,531	5,944	2.34
Utah			2,207,013	2,246,639	39,626	1.76
	Davis County	Clearfield, UT	245,819	248,593	2,774	1.12
	Salt Lake County	Salt Lake City, UT	881,941	893,379	11,437	1.28
	Utah County	Orem, UT; Provo, UT	356,712	366,722	10,010	2.73
	Weber County	Ogden, UT	190,090	192,560	2,470	1.28
Vermont			616,803	623,862	7,059	1.13
	Chittenden County	Burlington city, VT	150,057	151,549	1,492	0.98
Virginia			6,997,006	7,147,001	149,995	2.10
	Arlington County	Arlington, VA	178,616	184,546	5,930	3.21
	Bristol city	Bristol, VA	17,408	17,641	233	1.32
	Charlottesville city	Charlottesville, VA	37,872	38,934	1,062	2.73
	Danville city	Danville, VA	50,559	51,472	914	1.78
	Fredericksburg city	Fredericksburg, VA	22,458	23,069	611	2.65
	Hampton city	Hampton, VA	138,239	142,213	3,973	2.79
	Lynchburg city	Lynchburg, VA	65,696	66,978	1,282	1.91
	Newport News city	Newport News, VA	180,936	186,708	5,772	3.09
	Norfolk city	Norfolk, VA	205,790	212,375	6,585	3.10
	Petersburg city	Petersburg, VA	34,172	34,907	735	2.11
	Portsmouth city	Portsmouth, VA	98,107	101,043	2,936	2.91
	Richmond city	Richmond, VA	192,342	198,279	5,937	2.99
	Roanoke city	Roanoke, VA	93,631	95,278	1,647	1.73
	Suffolk city	Suffolk, VA	65,906	67,619	1,713	2.53
	Virginia Beach city	Virginia Beach, VA	444,305	454,953	10,648	2.34

Footnotes at end of table. For Estimated Undercount and Undercount Rate by demographic group, see Appendix D.

Appendix C. Estimated 2000 Census Undercount by County, continued

St	County	Center City in County (in whole or part)	2000 Population Projections		Estimated 2000 Undercount	
			Unadjusted for undercount	Adjusted for undercount	Number ¹	Rate ²
Washington			5,858,392	5,973,573	115,181	1.93
	Benton County	Kennewick, WA; Richland, WA	140,977	144,302	3,325	2.30
	Clark County	Vancouver, WA	351,365	356,173	4,808	1.35
	Franklin County	Pasco, WA	46,862	48,644	1,782	3.66
	King County	Bellevue, WA; Seattle, WA	1,676,120	1,704,694	28,575	1.68
	Kitsap County	Bremerton, WA	242,520	247,610	5,090	2.06
	Pierce County	Tacoma, WA	691,982	705,630	13,648	1.93
	Snohomish County	Everett, WA	618,763	627,133	8,370	1.33
	Spokane County	Spokane, WA	419,421	424,960	5,539	1.30
	Thurston County	Olympia, WA	212,267	216,582	4,315	1.99
	Whatcom County	Bellingham, WA	163,995	168,156	4,161	2.47
	Yakima County	Yakima, WA	219,116	227,350	8,234	3.62
West Virginia			1,840,983	1,866,397	25,414	1.36
	Brooke County	Weirton (part), WV	26,101	26,397	296	1.12
	Cabell County	Huntington (part), WV	94,939	96,294	1,355	1.41
	Hancock County	Weirton (part), WV	34,114	34,474	360	1.04
	Kanawha County	Charleston, WV	203,307	206,006	2,699	1.31
	Marshall County	Wheeling, WV	35,466	35,833	367	1.02
	Wayne County	Huntington (part), WV	42,568	43,092	525	1.22
	Wood County	Parkersburg, WV	87,881	88,880	999	1.12
Wisconsin			5,326,324	5,363,914	37,590	0.70
	Brown County	Green Bay, WI	220,773	221,866	1,093	0.49
	Calumet County	Appleton (part), WI	39,379	39,410	31	0.08
	Chippewa County	Eau Claire (part), WI	55,022	55,091	69	0.13
	Dane County	Madison, WI	441,748	446,064	4,316	0.97
	Douglas County	Superior, WI	43,285	43,366	81	0.19
	Eau Claire County	Eau Claire (part), WI	90,576	91,226	650	0.71
	Kenosha County	Kenosha, WI	148,413	149,393	980	0.66
	La Crosse County	La Crosse, WI	104,093	104,828	734	0.70
	Marathon County	Wausau, WI	125,429	125,824	395	0.31
	Milwaukee County	Milwaukee (part), WI	917,187	935,582	18,395	1.97
	Outagamie County	Appleton (part), WI	160,378	161,178	800	0.50
	Racine County	Racine, WI	189,953	191,608	1,655	0.86
	Rock County	Beloit, WI; Janesville, WI	154,092	154,898	806	0.52
	Sheboygan County	Sheboygan, WI	111,898	112,420	522	0.46
	Washington County	Milwaukee (part), WI	118,610	118,776	166	0.14
	Waukesha County	Milwaukee (part), WI; Waukesha, WI	365,172	366,012	840	0.23
	Winnebago County	Appleton (part), WI; Neenah, WI; Oshkosh, WI	152,201	152,866	665	0.44
Wyoming			524,700	536,215	11,515	2.15
	Laramie County	Cheyenne, WY	87,144	88,947	1,804	2.03
	Natrona County	Casper, WY	68,405	69,624	1,220	1.75

Source: U.S. Census Bureau and PricewaterhouseCoopers calculations.

¹ Adjusted minus unadjusted 2000 population projections.

² Undercount as a percent of unadjusted population projection.

³ Naples, Florida (Collier County) successfully protested its official census count from 1990. Figures used in this report represent the original figures.

**Appendix D: Estimated Census 2000 Undercount and Undercount Rate by
Center County by Demographic Group**

Appendix D. Estimated Census 2000 Undercount and Undercount Rate by Center County by Demographic Group

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
Alabama	38,159	1,768	38,012	247	1,152	79,339	1.17	5.35	3.24	1.38	3.31	1.75
Calhoun County	1,150	65	609	2	42	1,868	1.24	4.07	2.61	0.74	3.15	1.56
Dale County	656	66	307	2	24	1,055	1.74	4.65	3.29	0.98	2.15	2.12
Etowah County	876	16	393	5	39	1,328	0.97	3.61	2.47	1.70	6.94	1.24
Houston County	774	26	674	6	28	1,508	1.19	4.34	3.04	1.78	3.64	1.70
Jefferson County	4,279	209	9,345	12	177	14,022	1.03	6.26	3.71	1.09	3.77	2.08
Lauderdale County	866	26	257	1	8	1,158	1.12	5.48	2.80	0.33	2.60	1.33
Lee County	1,475	41	752	1	160	2,429	1.95	5.04	2.73	0.52	6.09	2.27
Limestone County	675	24	234	2	-1	934	1.22	5.63	2.45	1.08	-0.49	1.42
Madison County	2,853	161	1,696	22	177	4,908	1.31	3.78	2.69	1.21	2.45	1.66
Mobile County	3,263	233	5,398	27	219	9,141	1.23	5.76	3.92	1.31	4.18	2.21
Montgomery County	1,463	82	2,608	1	55	4,208	1.21	4.37	2.67	0.22	2.41	1.88
Morgan County	1,166	39	332	-2	14	1,548	1.17	4.13	2.67	-0.58	2.24	1.36
Shelby County	1,934	61	426	6	13	2,441	1.37	5.07	3.19	1.58	0.97	1.55
Tuscaloosa County	1,757	59	1,269	5	130	3,220	1.50	4.96	2.71	1.70	6.87	1.93
Alaska	9,357	1,160	1,006	1,048	1,074	13,644	1.99	4.35	3.40	1.13	2.29	2.05
Anchorage Borough	4,610	614	704	509	734	7,172	2.23	4.24	3.48	2.98	2.67	2.51
Arizona	33,250	45,764	13,783	26,982	2,938	122,717	1.01	4.38	7.23	9.34	2.67	2.49
Coconino County	1,869	587	64	3,840	79	6,438	2.82	4.33	2.86	9.98	5.22	5.28
Maricopa County	17,342	25,629	10,557	2,779	1,867	58,175	0.82	4.54	7.90	4.68	2.46	1.98
Pima County	4,854	9,048	2,641	2,213	734	19,490	0.96	4.02	7.72	7.50	3.50	2.39
Yuma County	1,145	2,512	139	134	78	4,008	1.71	4.13	2.84	5.83	2.84	2.91
Arkansas	28,813	2,182	14,217	353	519	46,084	1.32	6.48	3.35	2.17	2.60	1.72
Benton County	1,925	209	9	70	15	2,228	1.35	6.09	3.10	3.24	1.43	1.49
Craighead County	1,197	55	135	5	46	1,436	1.57	7.38	2.58	1.76	7.34	1.73
Crittenden County	402	20	959	3	7	1,391	1.51	4.68	3.99	3.13	2.71	2.70
Faulkner County	1,224	37	225	6	20	1,512	1.58	4.69	2.89	1.48	4.66	1.74
Jefferson County	499	16	997	1	4	1,517	1.15	3.99	2.60	0.35	0.90	1.84
Miller County	366	29	309	3	5	712	1.22	6.33	2.95	1.97	2.24	1.72
Pulaski County	3,092	291	4,586	18	102	8,088	1.27	6.24	4.25	1.41	2.57	2.24
Sebastian County	1,208	101	210	26	89	1,634	1.27	4.59	2.86	1.72	1.75	1.47
Washington County	2,460	203	72	53	135	2,923	1.75	6.21	2.72	2.69	6.90	1.94

Footnotes at end of table.

Appendix D. Estimated Census 2000 Undercount by Center County by Demographic Group, continued

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
California	188,921	513,013	195,255	11,094	100,398	1,008,681	1.20	4.90	7.45	3.66	2.29	3.01
Alameda County	5,532	10,455	22,797	302	6,404	45,489	0.93	4.31	7.96	2.75	2.12	3.17
Butte County	3,394	1,180	85	124	519	5,301	2.15	5.56	2.89	3.28	5.76	2.73
Fresno County	3,405	20,572	3,514	407	4,534	32,432	1.11	6.02	8.14	4.34	4.92	4.09
Kern County	4,422	12,080	3,174	361	859	20,897	1.33	5.20	6.96	3.29	2.61	3.19
Los Angeles County	27,730	196,639	83,994	1,856	31,444	341,662	0.96	4.81	7.68	3.45	2.34	3.62
Madera County	948	3,760	158	93	60	5,019	1.60	6.85	3.41	3.98	2.38	4.06
Merced County	1,858	5,279	346	82	1,277	8,842	2.13	6.33	3.53	3.89	5.32	4.28
Monterey County	3,105	8,523	765	155	1,127	13,675	2.05	5.59	3.31	4.24	2.70	3.67
Napa County	1,380	1,469	46	28	116	3,039	1.58	6.02	3.46	2.91	1.98	2.54
Orange County	12,452	40,948	4,851	422	8,145	66,818	0.84	4.91	8.86	2.77	2.00	2.39
Riverside County	9,020	25,607	6,126	735	1,475	42,963	1.09	4.79	6.39	4.20	1.83	2.76
Sacramento County	6,961	7,474	10,238	349	4,102	29,123	1.01	4.38	8.32	2.39	2.52	2.51
San Bernardino County	9,609	25,000	11,046	564	1,894	48,113	1.15	4.30	7.50	3.09	1.85	2.85
San Diego County	17,302	35,131	15,811	997	8,531	77,772	1.12	4.72	8.22	4.08	2.53	2.73
San Francisco County	4,795	5,229	6,257	113	6,381	22,775	1.82	4.43	7.46	3.11	2.15	2.98
San Joaquin County	3,859	8,720	2,526	175	3,820	19,100	1.43	5.33	7.29	2.95	3.83	3.33
San Luis Obispo County	3,700	2,072	152	102	486	6,513	2.12	5.07	2.18	3.66	4.70	2.76
Santa Barbara County	4,785	6,691	402	212	919	13,009	2.18	5.02	3.26	4.52	3.55	3.29
Santa Clara County	7,574	19,947	5,806	309	7,980	41,617	0.98	4.65	8.62	2.83	2.00	2.47
Santa Cruz County	3,184	3,441	112	94	347	7,178	2.01	5.10	3.25	4.07	2.50	2.93
Shasta County	2,637	477	53	158	275	3,600	1.83	5.15	3.79	3.46	5.65	2.19
Solano County	3,012	2,371	3,201	106	632	9,321	1.54	4.07	5.73	2.80	0.87	2.42
Sonoma County	6,158	4,258	248	189	432	11,285	1.81	6.35	3.48	3.47	2.25	2.58
Stanislaus County	5,179	6,243	283	145	1,273	13,123	1.97	4.82	3.39	2.85	3.77	2.99
Sutter County	926	1,113	73	43	204	2,360	1.88	6.58	4.56	3.06	1.84	2.94
Tulare County	2,925	10,909	227	354	910	15,326	1.85	6.15	3.65	5.82	3.81	4.12
Ventura County	4,218	12,011	1,371	208	562	18,371	1.04	4.69	7.18	3.34	1.02	2.47
Yolo County	2,120	2,283	152	108	1,180	5,844	2.32	5.51	3.87	4.35	6.33	3.70
Colorado	43,444	25,976	16,646	1,583	2,780	90,429	1.31	4.47	7.79	3.69	2.52	2.12
Boulder County	5,186	981	108	70	445	6,790	2.09	4.47	3.33	3.54	4.51	2.38
Denver County	2,731	5,508	6,912	272	680	16,103	0.97	4.31	7.66	3.45	3.75	3.06
El Paso County	4,635	2,114	4,116	132	452	11,449	1.14	4.26	8.53	2.58	2.32	2.16
Larimer County	4,790	768	57	62	217	5,894	2.16	4.07	2.97	3.39	4.09	2.36
Mesa County	1,906	438	27	41	49	2,461	1.79	3.90	3.89	4.04	3.93	2.04
Pueblo County	1,087	1,810	94	49	35	3,076	1.39	3.31	2.61	3.60	2.82	2.21
Weld County	2,656	2,434	33	60	66	5,250	2.13	5.84	3.10	4.43	3.09	3.07

Footnotes at end of table.

Appendix D. Estimated Census 2000 Undercount by Center County by Demographic Group, continued

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
Connecticut	-5,606	13,229	18,108	159	2,359	28,251	-0.21	5.02	5.30	2.00	2.86	0.85
Fairfield County	-2,529	4,427	4,681	33	651	7,263	-0.40	4.87	4.59	2.13	2.28	0.85
Hartford County	-3,079	4,309	6,367	34	588	8,219	-0.50	5.19	5.89	1.87	2.75	0.98
Middlesex County	10	206	521	2	86	827	0.01	5.12	6.43	0.93	3.30	0.54
New Haven County	-3,773	3,041	5,858	15	627	5,767	-0.61	4.76	5.75	0.80	3.73	0.72
New London County	1,564	474	460	57	134	2,689	0.73	4.85	3.16	3.90	2.40	1.09
Delaware	7,173	1,490	5,916	39	287	14,905	1.22	6.52	3.90	1.67	1.82	1.90
Kent County	1,334	169	846	9	43	2,400	1.38	5.01	3.10	1.26	1.64	1.84
New Castle County	4,616	1,126	4,028	17	239	10,025	1.22	6.54	4.17	1.92	1.99	1.98
District of Columbia	2,174	2,715	13,788	41	784	19,502	1.41	7.93	4.11	3.05	4.50	3.59
District of Columbia	2,174	2,715	13,788	41	784	19,502	1.41	7.93	4.11	3.05	4.50	3.59
Florida	108,814	123,388	97,454	1,784	5,277	336,717	1.03	5.35	4.02	3.34	1.94	2.16
Alachua County	2,782	510	1,469	16	458	5,235	1.98	5.00	3.15	3.45	6.15	2.55
Bay County	1,759	139	600	32	94	2,623	1.42	3.72	3.01	2.54	2.31	1.71
Brevard County	4,571	1,095	1,853	42	252	7,813	1.12	5.20	3.97	2.18	2.56	1.61
Broward County	7,549	10,363	13,647	202	475	32,236	0.72	5.43	4.54	4.95	1.46	2.04
Charlotte County	953	139	129	9	-4	1,226	0.74	3.15	1.94	2.71	-0.28	0.87
Collier County	1,799	2,163	481	57	33	4,533	1.10	5.83	3.87	6.15	2.44	2.11
Duval County	6,828	1,387	9,046	57	315	17,633	1.39	5.85	4.14	2.37	1.40	2.33
Escambia County	2,881	423	2,858	62	208	6,432	1.43	6.10	4.15	2.08	2.46	2.23
Hillsborough County	8,148	9,497	6,591	97	406	24,738	1.32	5.51	4.44	2.80	2.15	2.57
Lee County	3,507	1,194	1,115	45	69	5,928	1.01	4.57	3.35	3.81	1.83	1.44
Leon County	2,703	273	1,771	14	202	4,963	1.81	4.16	2.79	2.07	4.33	2.21
Manatee County	1,520	1,339	1,108	29	30	4,027	0.74	8.05	4.54	3.37	1.34	1.62
Marion County	2,191	670	1,224	22	20	4,127	1.07	6.08	3.21	2.48	1.02	1.61
Miami-Dade County	4,285	64,742	20,094	288	767	90,176	0.87	5.16	4.44	5.25	2.08	4.02
Okaloosa County	2,186	258	613	27	179	3,262	1.53	3.60	3.29	2.38	2.60	1.84
Orange County	7,965	6,696	6,955	88	493	22,196	1.44	5.94	4.48	2.90	1.88	2.61
Palm Beach County	5,061	6,571	7,243	72	323	19,269	0.64	5.83	4.43	3.33	1.93	1.78
Pinellas County	4,831	1,508	3,659	50	303	10,352	0.65	4.84	4.17	2.05	1.87	1.17
Polk County	4,192	1,429	2,385	52	77	8,134	1.16	5.39	3.19	3.16	1.73	1.74
Sarasota County	1,414	532	733	13	36	2,728	0.50	5.35	4.32	2.09	1.42	0.88
St. Lucie County	1,514	403	1,204	11	36	3,169	1.09	4.24	3.30	2.09	1.80	1.69
Volusia County	3,719	1,199	1,326	36	121	6,401	1.03	5.00	2.74	2.77	2.34	1.46

Footnotes at end of table.

Appendix D. Estimated Census 2000 Undercount by Center County by Demographic Group, continued

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
Georgia	72,471	13,277	89,281	451	4,124	179,603	1.36	7.40	3.77	2.53	2.82	2.23
Bibb County	1,014	43	2,224	1	43	3,325	1.26	4.27	2.89	0.55	3.43	2.08
Chatham County	1,566	139	2,681	16	91	4,493	1.30	4.06	2.64	3.21	2.38	1.96
Clarke County	1,474	125	953	12	224	2,788	2.57	6.22	3.22	6.30	6.47	3.01
DeKalb County	2,650	1,592	12,846	23	1,023	18,135	0.99	7.54	4.38	1.85	3.89	2.98
Dougherty County	575	35	1,738	6	18	2,372	1.42	4.17	3.20	2.39	2.76	2.46
Fulton County	3,088	1,381	19,523	26	634	24,653	1.02	7.78	4.43	2.13	4.45	3.18
Jones County	197	6	237	0	2	442	1.23	5.43	3.09	0.00	2.26	1.85
Muscogee County	1,332	334	2,379	9	90	4,144	1.44	5.26	2.95	1.45	2.28	2.25
Richmond County	1,206	269	3,860	20	89	5,444	1.34	5.96	4.14	3.29	1.73	2.81
Hawaii	7,840	3,262	2,476	225	10,711	24,513	2.12	5.16	7.49	3.28	1.33	1.91
Honolulu County	4,976	2,033	2,386	136	8,153	17,685	1.98	4.87	7.91	3.07	1.36	1.91
Idaho	21,884	6,449	325	1,612	445	30,715	1.77	6.75	3.66	7.19	2.61	2.23
Ada County	5,024	356	64	93	119	5,657	1.72	3.11	2.72	3.68	2.13	1.80
Bannock County	1,333	145	36	199	41	1,756	1.82	3.55	3.27	7.25	3.44	2.13
Canyon County	1,910	1,679	37	54	41	3,721	1.76	6.81	5.03	3.96	1.96	2.71
Illinois	20,635	31,973	69,327	443	9,208	131,586	0.24	2.63	3.59	1.61	2.14	1.08
Champaign County	956	173	589	2	824	2,545	0.72	4.83	3.17	0.65	7.15	1.52
Cook County	8,539	22,287	53,127	277	6,421	90,651	0.33	2.53	3.66	2.03	2.36	1.73
DeKalb County	593	215	75	3	195	1,082	0.77	6.19	3.02	2.05	7.26	1.26
DuPage County	2,231	545	931	16	307	4,031	0.29	1.03	4.50	1.35	0.47	0.45
Kane County	411	2,931	913	16	184	4,455	0.14	3.88	3.23	1.72	2.21	1.09
Kankakee County	149	169	635	0	9	963	0.18	5.96	3.54	0.00	0.91	0.93
Lake County	1,317	1,035	1,742	20	205	4,318	0.27	1.70	3.72	1.26	0.93	0.69
Macon County	128	22	519	2	11	682	0.13	3.14	3.32	1.39	1.63	0.61
Madison County	553	45	733	6	51	1,387	0.24	1.12	3.69	0.84	2.27	0.53
McLean County	666	116	207	7	139	1,135	0.50	4.57	2.84	2.24	5.15	0.78
Peoria County	289	125	996	1	105	1,515	0.20	3.63	3.51	0.18	3.30	0.84
Rock Island County	508	68	504	5	27	1,113	0.42	0.63	4.13	1.15	1.87	0.76
Sangamon County	227	67	608	0	34	937	0.13	3.50	3.32	0.00	1.51	0.48
St. Clair County	580	48	3,090	14	85	3,817	0.33	0.99	3.81	2.42	2.91	1.45
Tazewell County	205	70	51	-2	5	331	0.17	4.71	3.67	-0.73	0.80	0.26
Will County	368	814	1,732	8	22	2,944	0.10	2.26	2.93	0.79	0.23	0.61
Winnebago County	328	380	907	11	84	1,711	0.15	3.34	3.16	1.45	1.83	0.63

Footnotes at end of table.

Appendix D. Estimated Census 2000 Undercount by Center County by Demographic Group, continued

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
Indiana	9,982	2,643	16,626	115	1,945	31,311	0.19	2.02	3.20	0.76	3.11	0.52
Allen County	251	236	1,131	3	88	1,708	0.09	3.08	2.95	0.25	2.00	0.53
Delaware County	390	43	219	5	47	704	0.36	4.28	2.62	1.59	4.76	0.60
Elkhart County	222	234	295	2	26	779	0.14	5.03	3.07	0.39	1.47	0.44
Floyd County	174	4	145	1	6	331	0.25	1.11	3.95	1.05	1.83	0.44
Howard County	106	57	143	0	15	322	0.14	3.87	2.62	0.00	2.08	0.38
Lake County	705	-35	4,117	10	47	4,843	0.24	-0.07	3.11	0.79	1.09	1.01
Madison County	96	45	307	-1	6	453	0.08	3.92	2.63	-0.19	0.91	0.34
Marion County	4,084	92	7,475	17	279	11,947	0.68	0.94	3.63	0.85	2.31	1.43
Monroe County	770	103	87	8	309	1,277	0.71	5.28	2.44	2.77	7.21	1.07
St. Joseph County	364	260	824	14	142	1,604	0.16	3.66	2.73	1.48	3.46	0.61
Tippecanoe County	984	163	85	4	565	1,800	0.76	5.22	2.53	1.05	7.46	1.25
Vanderburgh County	210	48	441	2	40	741	0.14	3.99	2.93	0.74	2.80	0.43
Vigo County	281	31	127	0	92	531	0.29	2.92	1.90	0.00	5.28	0.50
Iowa	7,063	1,784	2,334	219	1,882	13,282	0.26	3.56	3.59	2.33	4.20	0.46
Black Hawk County	338	40	318	6	44	746	0.31	3.16	3.13	2.23	2.66	0.61
Dubuque County	135	26	7	0	44	212	0.16	3.96	1.57	0.00	5.74	0.24
Johnson County	706	119	86	6	456	1,374	0.75	5.12	3.00	2.42	6.88	1.29
Linn County	349	60	148	6	84	646	0.20	2.37	3.15	1.20	3.24	0.34
Polk County	1,660	87	804	14	307	2,872	0.50	0.89	3.77	1.11	2.70	0.77
Pottawattamie County	330	11	23	6	11	382	0.39	0.48	3.62	2.07	2.19	0.44
Scott County	744	98	537	8	70	1,457	0.52	1.54	4.92	1.30	2.84	0.90
Woodbury County	162	190	87	43	107	589	0.17	5.15	3.45	1.97	4.62	0.57
Kansas	7,744	4,474	6,305	451	1,773	20,747	0.34	3.44	3.51	1.71	3.41	0.77
Douglas County	662	154	127	49	321	1,314	0.80	5.01	2.70	1.83	7.58	1.35
Johnson County	1,881	51	493	16	160	2,602	0.45	0.42	4.46	0.97	1.43	0.58
Leavenworth County	121	111	222	1	53	507	0.20	3.81	2.37	0.16	3.14	0.69
Sedgwick County	1,986	457	2,130	76	529	5,178	0.54	1.81	4.21	1.35	3.60	1.11
Shawnee County	159	341	532	39	27	1,098	0.12	3.27	3.09	1.85	1.34	0.65
Wyandotte County	410	10	1,718	7	81	2,226	0.46	0.08	3.50	0.56	3.09	1.43
Kentucky	51,314	1,587	10,358	164	892	64,315	1.39	5.32	3.48	2.37	3.05	1.58
Boyd County	513	6	6	8	7	540	1.08	1.23	0.54	6.84	3.25	1.09
Christian County	796	143	588	10	81	1,619	1.55	5.11	3.16	2.55	5.46	2.17
Daviess County	1,109	16	112	1	-2	1,236	1.26	3.63	2.72	0.87	-0.43	1.33
Fayette County	3,523	116	1,012	14	284	4,949	1.72	3.43	2.88	2.93	4.62	1.98
Henderson County	557	10	97	2	2	668	1.34	4.42	2.85	2.60	0.79	1.47
Jefferson County	6,174	302	5,162	25	197	11,860	1.13	5.58	4.15	2.34	2.65	1.74

Footnotes at end of table.

Appendix D. Estimated Census 2000 Undercount by Center County by Demographic Group, continued

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
Louisiana	35,617	5,689	55,775	420	1,874	99,375	1.26	5.22	3.71	2.12	2.96	2.20
Bossier Parish	1,058	148	968	4	29	2,206	1.49	6.15	4.31	1.08	1.76	2.25
Caddo Parish	1,418	160	4,519	14	50	6,160	1.06	6.07	4.11	2.41	3.02	2.48
Calcasieu Parish	1,679	83	1,359	2	9	3,133	1.25	3.62	2.79	0.47	0.92	1.68
East Baton Rouge Parish	3,434	444	6,700	14	374	10,966	1.46	6.33	4.20	1.91	4.41	2.67
Lafayette Parish	2,212	143	1,475	12	159	4,000	1.58	4.01	2.94	2.85	5.61	2.03
Orleans Parish	969	878	13,888	22	505	16,262	0.71	5.90	4.46	2.72	3.81	3.40
Ouachita Parish	1,280	52	1,554	7	56	2,949	1.33	3.79	2.98	2.77	4.80	1.95
Rapides Parish	1,065	76	1,193	8	40	2,383	1.26	4.66	2.96	1.49	2.94	1.86
St. Tammany Parish	2,280	229	785	24	21	3,339	1.33	4.10	2.98	2.99	1.24	1.63
Terrebonne Parish	996	54	626	84	74	1,834	1.25	3.16	3.00	1.65	5.89	1.69
Maine	8,082	494	185	269	281	9,311	0.65	5.61	3.45	4.35	2.80	0.73
Androscoggin County	732	67	19	4	26	848	0.74	6.89	3.86	1.73	3.37	0.83
Cumberland County	1,935	116	60	23	105	2,240	0.77	5.79	3.53	2.98	3.23	0.86
Penobscot County	921	42	18	68	54	1,103	0.66	4.95	3.14	5.23	4.08	0.77
Maryland	41,170	11,553	64,609	407	3,289	121,027	1.21	6.17	4.16	2.56	1.45	2.24
Allegany County	826	24	54	1	10	916	1.20	4.67	2.59	1.80	1.98	1.27
Anne Arundel County	5,177	632	2,985	42	278	9,114	1.32	5.45	3.60	2.39	2.01	1.81
Baltimore city	1,847	357	19,349	62	355	21,970	0.99	6.07	4.34	2.92	4.07	3.38
Frederick County	2,699	176	474	10	75	3,434	1.50	4.65	3.05	2.23	2.29	1.70
Washington County	1,737	81	183	6	35	2,041	1.46	5.78	1.89	1.94	2.51	1.55
Massachusetts	-11,166	19,189	27,486	320	10,033	45,863	-0.22	5.33	6.20	2.24	3.93	0.73
Barnstable County	1,133	247	163	45	56	1,644	0.56	6.40	3.49	3.14	2.67	0.76
Berkshire County	931	94	88	12	62	1,187	0.74	4.86	2.63	4.42	3.93	0.90
Bristol County	2,193	993	554	27	282	4,049	0.46	4.88	4.03	2.42	3.27	0.77
Essex County	-2,302	2,944	2,233	63	669	3,607	-0.38	5.28	5.96	3.75	3.39	0.51
Hampden County	-2,766	3,115	3,086	20	225	3,681	-0.84	5.38	6.28	2.44	3.36	0.83
Hampshire County	607	338	189	2	506	1,643	0.45	5.87	5.20	0.74	6.63	1.08
Middlesex County	-6,497	3,487	4,073	25	3,742	4,831	-0.53	5.14	6.88	1.17	4.04	0.34
Plymouth County	170	566	896	16	106	1,754	0.04	4.52	3.31	1.58	1.52	0.37
Suffolk County	334	4,061	13,653	51	2,944	21,043	0.10	5.65	6.78	2.12	5.48	3.17
Worcester County	333	2,758	1,499	42	850	5,482	0.05	5.71	6.16	2.46	3.91	0.74

Footnotes at end of table.

Appendix D. Estimated Census 2000 Undercount by Center County by Demographic Group, continued

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
Michigan	13,030	6,065	48,739	910	4,103	72,846	0.17	2.56	3.28	1.48	2.47	0.75
Allegan County	-66	253	46	7	8	249	-0.07	5.98	2.82	1.12	1.22	0.25
Bay County	-29	153	44	9	9	187	-0.03	3.74	3.12	1.18	1.38	0.18
Calhoun County	139	105	500	6	42	792	0.12	3.43	2.90	0.89	2.46	0.57
Eaton County	174	90	190	3	14	471	0.19	3.14	4.46	0.56	1.53	0.47
Genesee County	776	45	3,539	29	50	4,439	0.24	0.48	3.65	0.91	1.16	1.03
Ingham County	1,954	277	1,522	36	631	4,419	0.89	1.85	4.61	1.66	5.51	1.57
Jackson County	68	97	269	2	14	450	0.05	3.56	1.99	0.31	1.29	0.29
Kalamazoo County	602	192	715	15	214	1,738	0.31	4.29	3.02	1.41	4.38	0.77
Kent County	1,639	270	2,227	60	192	4,387	0.36	1.61	4.15	1.77	2.14	0.81
Midland County	52	47	23	2	8	132	0.07	3.46	2.58	0.64	0.61	0.16
Muskegon County	24	145	729	8	9	915	0.02	3.39	2.76	0.56	1.03	0.55
Oakland County	1,947	59	3,099	23	522	5,651	0.19	0.25	3.12	0.51	1.27	0.48
Ottawa County	272	512	42	11	108	944	0.13	4.32	2.77	1.26	2.46	0.42
Saginaw County	-35	470	1,287	14	42	1,777	-0.02	3.30	3.09	1.23	2.21	0.86
St. Clair County	17	153	123	9	5	307	0.01	4.43	3.10	1.07	0.61	0.19
Washtenaw County	1,227	286	1,097	12	1,075	3,698	0.52	4.33	2.82	0.98	5.73	1.22
Wayne County	2,931	139	30,907	58	651	34,686	0.27	0.27	3.27	0.72	2.03	1.64
Minnesota	8,298	1,963	7,782	2,947	5,038	26,030	0.19	2.33	4.70	4.43	3.51	0.54
Benton County	42	9	6	4	-4	57	0.12	3.02	4.65	2.25	-1.39	0.16
Clay County	153	108	12	11	47	330	0.32	5.54	4.06	1.51	6.35	0.63
Hennepin County	3,914	190	5,218	383	1,886	11,591	0.44	1.03	5.03	2.13	3.55	1.07
Olmsted County	116	54	33	6	217	426	0.11	3.38	2.45	1.59	3.37	0.36
Ramsey County	1,769	246	1,764	102	2,110	5,990	0.45	1.32	4.70	1.86	5.06	1.21
St. Louis County	8	47	53	137	59	304	*	3.47	3.11	3.10	3.23	0.16
Stearns County	416	49	23	4	77	569	0.33	5.31	3.02	0.88	4.84	0.43
Mississippi	21,638	1,010	36,223	710	775	60,355	1.22	5.05	3.45	7.35	3.63	2.10
Forrest County	812	32	719	0	69	1,631	1.60	4.27	2.78	0.00	8.77	2.09
Harrison County	1,885	154	1,096	11	293	3,440	1.40	3.71	2.80	2.01	4.04	1.85
Hinds County	1,239	61	5,656	6	65	7,027	1.09	5.88	4.17	2.32	3.62	2.78
Jackson County	1,211	64	851	6	48	2,180	1.17	3.46	2.76	2.01	2.50	1.57
Lamar County	441	19	188	0	2	650	1.30	6.03	3.54	0.00	0.92	1.63
Madison County	519	24	1,377	1	1	1,922	1.24	5.47	3.63	2.44	0.14	2.39
Rankin County	1,134	48	750	1	7	1,940	1.20	5.01	3.30	1.49	1.05	1.63

Footnotes at end of table.

Appendix D. Estimated Census 2000 Undercount by Center County by Demographic Group, continued

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
Missouri	10,428	1,652	21,934	237	1,923	36,174	0.22	2.02	3.38	0.98	2.93	0.65
Boone County	803	96	454	6	341	1,700	0.70	5.26	3.56	1.28	6.04	1.25
Buchanan County	161	61	89	6	9	327	0.21	2.67	2.74	1.84	2.29	0.40
Cass County	168	32	60	12	21	293	0.21	2.21	4.88	2.06	3.62	0.34
Christian County	23	19	4	10	3	58	0.04	3.57	2.82	3.02	1.36	0.11
Clay County	854	20	186	13	40	1,113	0.50	0.35	4.55	1.32	1.86	0.61
Greene County	821	112	140	24	85	1,182	0.37	4.17	2.64	1.60	3.19	0.51
Jackson County	2,130	44	6,182	26	273	8,653	0.46	0.19	3.54	0.76	2.67	1.29
Jasper County	191	49	42	19	32	333	0.20	3.86	2.49	1.09	3.98	0.32
Newton County	37	35	7	-3	16	93	0.08	6.26	2.29	-0.23	3.77	0.18
Platte County	380	42	105	11	50	588	0.56	2.23	5.16	2.52	3.22	0.79
St. Charles County	895	9	346	12	43	1,305	0.33	0.20	3.90	1.63	1.44	0.45
St. Louis city	836	76	6,589	4	243	7,748	0.59	1.71	3.62	0.44	5.46	2.32
Montana	15,389	1,001	158	6,022	232	22,802	1.76	5.28	3.56	9.21	2.96	2.34
Cascade County	1,324	71	61	144	50	1,650	1.73	3.96	3.63	3.68	3.66	1.93
Missoula County	1,941	55	9	138	68	2,212	2.10	3.71	2.12	5.08	4.33	2.24
Yellowstone County	2,101	219	36	188	26	2,570	1.65	4.23	3.55	4.02	2.23	1.84
Nebraska	5,584	2,111	2,963	794	800	12,252	0.36	3.69	3.92	4.89	3.36	0.71
Douglas County	1,739	139	2,297	69	239	4,483	0.46	0.83	3.92	1.98	3.13	0.97
Lancaster County	946	260	201	36	318	1,761	0.42	4.04	3.09	1.90	4.95	0.71
Nevada	19,767	13,136	11,663	1,745	1,950	48,262	1.43	4.94	7.79	5.47	2.26	2.51
Clark County	9,925	8,780	11,324	332	1,328	31,690	1.12	4.61	8.25	2.78	2.09	2.45
Washoe County	5,360	2,056	264	403	529	8,611	2.06	5.19	3.11	5.73	2.89	2.58
New Hampshire	8,972	827	331	55	430	10,616	0.75	5.22	3.61	2.14	2.88	0.86
Hillsborough County	2,613	409	146	16	152	3,336	0.73	5.19	3.65	2.10	2.46	0.88
Rockingham County	1,668	170	113	11	72	2,033	0.61	4.95	4.01	2.10	1.89	0.72
Strafford County	788	49	21	6	61	925	0.72	4.23	3.32	2.42	4.20	0.82
New Jersey	-52,221	44,801	71,063	314	8,373	72,329	-0.95	4.82	5.42	1.50	1.73	0.88
Atlantic County	520	1,159	1,537	13	230	3,459	0.32	5.55	2.93	1.63	2.51	1.41
Camden County	-4,585	1,464	5,395	14	186	2,474	-1.35	3.62	5.07	0.88	0.90	0.49
Cumberland County	113	988	922	26	11	2,060	0.13	4.36	3.11	1.61	0.51	1.45
Essex County	-3,531	5,422	21,963	11	582	24,446	-1.27	5.18	6.24	0.60	1.78	3.18
Hudson County	-1,021	12,340	6,513	60	1,940	19,833	-0.51	5.73	6.84	2.83	3.43	3.49
Mercer County	-1,318	1,168	3,860	13	341	4,063	-0.60	4.94	5.00	1.85	1.96	1.21
Morris County	-4,096	1,243	1,022	4	296	-1,532	-1.06	4.09	5.79	0.64	0.92	-0.33

Footnotes at end of table.

Appendix D. Estimated Census 2000 Undercount by Center County by Demographic Group, continued

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
New Mexico	11,969	28,139	2,780	16,560	772	60,221	1.30	3.85	5.40	8.95	2.63	3.14
Bernalillo County	2,427	7,943	1,904	981	383	13,638	0.80	3.83	8.00	4.57	2.63	2.38
Dona Ana County	1,592	4,301	106	51	124	6,173	2.14	3.99	2.91	3.45	4.76	3.25
Santa Fe County	983	2,128	41	305	13	3,471	1.55	3.15	2.85	6.82	1.02	2.51
New York	-45,715	122,692	214,949	2,312	34,185	328,422	-0.39	5.50	6.12	3.10	3.22	1.78
Albany County	-967	296	2,211	5	288	1,833	-0.39	4.83	7.07	0.79	3.57	0.63
Bronx County	-1,255	27,330	37,735	278	2,529	66,618	-0.60	6.04	6.86	3.78	4.92	5.25
Broome County	965	136	178	7	251	1,537	0.54	4.77	3.63	1.96	4.65	0.80
Cayuga County	513	30	56	10	5	615	0.68	2.80	1.70	3.39	0.96	0.76
Chautauqua County	831	274	107	17	19	1,247	0.66	4.96	3.15	2.70	2.10	0.91
Chemung County	392	23	145	5	4	568	0.48	1.98	2.38	2.20	0.35	0.62
Dutchess County	1,319	439	707	3	152	2,618	0.60	3.81	2.72	0.58	1.57	0.98
Erie County	-6,846	1,195	7,620	268	617	2,854	-0.92	4.48	5.77	4.41	3.93	0.31
Kings County	-3,645	24,644	70,233	294	6,286	97,812	-0.48	5.85	6.90	3.03	3.90	4.14
Monroe County	-4,664	1,406	6,651	8	569	3,970	-0.84	4.35	6.30	0.33	2.78	0.55
New York County	1,489	24,602	31,534	324	8,348	66,297	0.24	6.77	6.83	3.91	4.84	4.06
Niagara County	-875	111	890	48	19	194	-0.45	3.97	5.96	2.25	1.44	0.09
Oneida County	1,222	249	455	18	102	2,046	0.61	4.24	2.86	3.26	3.16	0.91
Onondaga County	-2,307	349	3,096	26	446	1,609	-0.60	4.29	6.74	0.77	4.15	0.36
Orange County	1,646	1,384	900	18	62	4,010	0.61	4.65	3.13	1.76	0.98	1.19
Queens County	-6,856	22,148	25,084	107	10,597	51,079	-0.87	5.37	5.04	1.35	3.01	2.49
Rensselaer County	-4	111	470	3	274	854	*	4.63	7.19	1.09	8.13	0.56
Richmond County	-3,683	1,480	2,839	9	311	956	-1.22	3.71	6.86	0.99	1.06	0.23
Saratoga County	457	117	110	4	32	719	0.24	4.27	3.51	1.12	1.24	0.36
Schenectady County	-1,156	118	500	4	43	-492	-0.90	4.01	6.32	1.26	1.46	-0.34
Warren County	383	29	6	1	0	419	0.64	3.93	1.42	0.91	0.00	0.68
North Carolina	77,243	7,537	60,544	2,656	2,876	150,857	1.33	6.81	3.37	2.77	2.92	1.90
Alamance County	1,136	53	632	7	23	1,851	1.17	4.48	2.53	1.90	2.60	1.49
Buncombe County	2,172	92	458	10	27	2,758	1.20	4.67	2.59	1.55	1.94	1.36
Burke County	994	40	182	1	39	1,255	1.29	7.01	2.65	0.73	2.69	1.46
Cabarrus County	1,183	47	454	7	8	1,699	1.09	5.39	2.62	1.52	1.06	1.33
Caldwell County	973	33	142	1	2	1,152	1.32	6.51	3.06	1.16	1.15	1.46
Catawba County	1,509	85	385	12	31	2,022	1.24	5.50	2.95	4.07	2.02	1.46
Cumberland County	2,689	576	2,680	104	200	6,249	1.66	3.75	2.87	2.06	2.12	2.19
Davidson County	1,605	72	489	15	29	2,210	1.23	7.44	3.22	2.97	3.37	1.50
Durham County	1,898	152	2,271	14	250	4,584	1.56	5.57	2.81	2.28	4.51	2.17
Edgecombe County	300	11	1,073	1	6	1,391	1.26	5.92	3.30	1.33	5.68	2.46

Footnotes at end of table.

Appendix D. Estimated Census 2000 Undercount by Center County by Demographic Group, continued

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
North Carolina, continued												
Forsyth County	2,702	129	2,130	14	72	5,047	1.26	4.33	2.77	2.08	2.51	1.69
Gaston County	2,160	52	763	8	55	3,037	1.34	4.23	2.94	1.69	3.47	1.60
Guilford County	3,729	201	3,028	58	254	7,269	1.32	5.05	2.75	2.79	3.78	1.79
Mecklenburg County	6,075	735	8,394	58	459	15,722	1.33	6.54	4.50	2.03	2.69	2.33
Nash County	826	78	1,068	6	11	1,989	1.29	9.35	3.37	1.90	2.63	2.05
New Hanover County	1,754	47	951	18	10	2,780	1.42	2.97	2.80	2.82	0.79	1.73
Onslow County	1,869	323	725	22	151	3,090	1.90	4.09	2.61	2.14	3.26	2.22
Orange County	2,016	134	572	8	238	2,968	2.25	5.91	2.93	2.04	5.42	2.55
Pitt County	1,536	116	1,531	9	55	3,247	1.82	8.06	3.24	3.06	3.92	2.41
Randolph County	1,404	109	253	18	9	1,793	1.20	8.67	3.12	2.97	1.36	1.41
Rowan County	1,236	81	728	6	13	2,064	1.15	7.45	3.24	1.54	1.57	1.56
Wake County	6,509	781	5,900	46	578	13,814	1.43	7.36	4.37	2.40	3.12	2.22
Wayne County	1,022	142	1,144	10	41	2,359	1.39	7.49	2.91	2.95	2.90	2.03
Burleigh County	147	18	8	43	3	219	0.22	3.30	5.38	1.79	0.61	0.31
Cass County	545	59	27	14	102	747	0.45	4.36	4.08	0.89	5.10	0.60
Grand Forks County	433	83	69	26	83	694	0.69	5.50	3.54	1.64	6.08	1.00
Ohio	25,947	4,655	47,302	192	4,025	82,122	0.27	2.78	3.46	0.83	2.79	0.72
Allen County	93	41	403	-1	5	541	0.10	2.84	2.80	-0.34	0.60	0.51
Butler County	1,096	60	536	4	101	1,797	0.35	2.85	2.89	0.81	2.13	0.52
Clark County	194	48	433	3	17	695	0.15	4.41	2.82	0.81	1.77	0.48
Cuyahoga County	2,499	643	12,969	44	607	16,762	0.27	1.89	3.29	1.53	2.24	1.21
Fairfield County	106	26	18	1	4	156	0.08	3.41	1.13	0.56	0.56	0.12
Franklin County	6,847	221	7,879	20	1,240	16,207	0.84	2.12	4.00	0.86	3.90	1.54
Greene County	638	46	328	2	104	1,117	0.48	2.68	2.66	0.33	2.90	0.74
Hamilton County	2,568	52	8,169	6	363	11,157	0.41	1.02	3.93	0.44	2.66	1.31
Jefferson County	-31	19	138	0	-1	125	-0.05	3.79	2.83	0.00	-0.27	0.17
Licking County	131	33	89	0	28	281	0.10	4.00	3.06	0.00	3.50	0.20
Lorain County	318	664	809	7	59	1,857	0.13	3.37	2.94	0.83	2.56	0.65
Lucas County	1,466	180	2,988	15	306	4,954	0.42	1.03	3.80	1.11	4.22	1.10
Mahoning County	175	25	1,516	1	33	1,749	0.09	0.40	3.37	0.28	2.20	0.69
Montgomery County	2,331	51	4,046	8	211	6,647	0.54	1.08	3.50	0.76	2.45	1.18
Portage County	777	40	229	0	100	1,146	0.53	3.80	4.65	0.00	5.12	0.74
Richland County	56	48	322	3	14	444	0.05	4.38	2.54	1.34	1.57	0.35
Stark County	317	112	915	-2	37	1,380	0.09	3.12	2.99	-0.19	1.52	0.37
Summit County	1,533	7	2,785	8	228	4,561	0.33	0.21	3.60	0.65	2.86	0.83
Trumbull County	280	24	611	4	20	939	0.14	1.35	3.40	1.16	1.35	0.42
Washington County	26	12	25	0	0	62	0.04	3.82	2.52	0.00	0.00	0.10
Wood County	478	145	32	5	63	723	0.42	3.55	2.36	2.03	3.76	0.59

Footnotes at end of table.

Appendix D. Estimated Census 2000 Undercount by Center County by Demographic Group, continued

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
Oklahoma	36,037	6,823	11,428	6,740	1,808	62,836	1.34	6.06	3.88	2.35	3.46	1.83
Canadian County	1,037	124	66	79	-1	1,306	1.34	4.56	2.66	2.09	-0.05	1.48
Cleveland County	3,029	425	312	241	327	4,335	1.70	5.67	4.35	2.19	5.18	2.06
Comanche County	1,169	315	689	106	106	2,384	1.56	4.04	3.02	1.93	2.22	2.06
Garfield County	693	59	73	26	41	892	1.36	4.49	3.12	1.99	4.68	1.57
McClain County	294	68	11	42	4	418	1.22	7.57	3.32	2.26	5.42	1.54
Oklahoma County	6,245	2,211	4,951	726	643	14,776	1.35	6.72	4.48	2.64	3.44	2.27
Osage County	347	45	196	800	-1	1,387	1.12	6.39	3.58	11.14	-0.65	3.11
Pottawatomie County	697	49	55	126	15	941	1.32	4.67	3.23	1.67	2.69	1.48
Rogers County	685	50	13	172	18	937	1.13	5.04	1.70	1.82	5.60	1.30
Tulsa County	5,932	1,111	2,885	639	320	10,887	1.35	6.55	4.45	2.21	3.38	1.94
Oregon	44,736	11,884	5,192	1,952	3,515	67,279	1.47	6.30	7.35	3.74	2.97	1.94
Benton County	1,949	148	30	20	454	2,600	2.70	5.68	3.30	2.76	7.78	3.16
Clackamas County	2,903	820	141	45	89	3,998	0.89	6.33	7.61	1.62	1.02	1.13
Jackson County	2,851	694	21	73	86	3,724	1.70	6.52	3.58	2.76	3.43	2.03
Lane County	6,132	540	97	112	441	7,322	2.02	4.85	3.19	2.71	5.01	2.22
Marion County	4,089	2,042	86	161	268	6,645	1.73	6.58	2.46	3.30	3.63	2.35
Multnomah County	5,036	1,227	4,296	180	1,186	11,925	0.96	4.74	8.21	2.13	2.71	1.82
Polk County	1,046	300	4	41	43	1,434	1.79	5.90	1.48	3.58	3.63	2.17
Washington County	3,547	1,679	382	80	663	6,351	0.96	6.19	9.24	2.82	2.51	1.48
Pennsylvania	-29,505	12,911	58,986	203	5,636	48,230	-0.28	4.40	4.60	1.07	2.51	0.39
Allegheny County	-13,167	357	9,933	-5	737	-2,144	-1.25	3.36	5.46	-0.29	3.51	-0.17
Berks County	730	1,215	443	21	155	2,565	0.23	5.04	3.02	3.93	2.76	0.70
Blair County	451	24	39	0	13	526	0.35	3.73	2.61	0.00	1.92	0.40
Cambria County	594	65	145	1	9	814	0.40	4.52	2.81	0.93	1.39	0.52
Centre County	1,486	106	69	8	518	2,187	1.19	5.22	1.79	3.75	7.39	1.58
Cumberland County	-280	96	175	3	61	55	-0.14	4.62	3.52	0.88	1.37	0.03
Dauphin County	-1,104	313	2,695	3	137	2,044	-0.57	4.39	5.59	0.55	2.83	0.81
Erie County	819	233	699	11	78	1,840	0.32	5.11	3.59	1.93	3.31	0.65
Lackawanna County	-1,923	63	135	4	67	-1,653	-0.96	4.20	6.78	2.39	3.09	-0.80
Lancaster County	2,552	1,101	574	21	166	4,414	0.60	4.86	3.59	2.94	1.95	0.93
Lebanon County	570	226	41	-1	26	862	0.50	5.64	3.95	-0.87	1.62	0.72
Lehigh County	-2,439	913	662	13	92	-760	-0.92	4.40	6.46	2.43	1.49	-0.25
Luzerne County	-2,031	114	196	-1	70	-1,653	-0.67	4.38	4.20	-0.37	3.03	-0.53
Lycoming County	630	32	109	5	8	783	0.55	3.58	3.15	1.79	0.97	0.66
Mercer County	415	33	196	4	11	659	0.36	4.49	2.52	2.53	1.61	0.53
Northampton County	-1,285	786	482	8	164	155	-0.55	4.44	6.19	2.95	3.51	0.06
Philadelphia County	-7,780	3,044	29,699	-7	2,115	27,070	-1.22	3.50	4.44	-0.18	3.48	1.85
York County	1,118	354	571	1	56	2,100	0.31	4.89	3.39	0.12	1.41	0.54

Footnotes at end of table.

Appendix D. Estimated Census 2000 Undercount by Center County by Demographic Group, continued

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
Rhode Island	-3,991	3,158	3,665	79	1,220	4,130	-0.47	5.03	6.35	1.51	4.15	0.41
Kent County	-1,905	92	88	-2	15	-1,713	-1.24	2.95	5.92	-0.68	0.68	-1.06
Providence County	-3,076	2,787	3,388	38	1,027	4,165	-0.68	5.16	6.70	1.26	4.59	0.71
South Carolina	34,464	2,352	41,702	187	800	79,504	1.30	6.04	3.48	2.09	2.40	2.02
Aiken County	1,220	81	1,312	6	15	2,633	1.21	6.35	3.77	2.28	1.83	1.91
Anderson County	1,413	35	841	4	9	2,303	1.05	4.20	2.91	2.26	1.70	1.40
Berkeley County	1,842	220	1,408	7	34	3,510	1.92	6.82	3.98	1.60	0.90	2.53
Charleston County	2,916	309	4,941	9	123	8,299	1.49	7.13	4.13	1.28	3.20	2.56
Dorchester County	1,068	77	796	3	8	1,952	1.65	5.76	3.64	0.58	0.74	2.18
Florence County	944	33	1,630	5	7	2,618	1.25	6.19	3.18	2.74	1.48	2.04
Greenville County	3,677	208	1,997	15	68	5,965	1.29	4.58	2.92	2.73	2.13	1.65
Horry County	1,932	98	1,139	9	39	3,217	1.32	5.15	3.46	2.33	2.09	1.76
Richland County	2,216	324	5,396	16	177	8,130	1.33	5.84	3.99	1.96	3.15	2.59
Spartanburg County	2,389	126	1,587	5	60	4,167	1.24	6.12	2.90	1.33	2.40	1.65
Sumter County	853	75	1,493	9	34	2,463	1.48	5.88	3.07	4.23	2.72	2.26
York County	1,619	70	950	31	25	2,694	1.31	6.02	2.83	3.48	2.17	1.68
South Dakota	1,310	412	201	6,098	223	8,245	0.19	5.21	3.56	9.14	3.83	1.05
Lincoln County	-2	0	2	9	0	9	-0.01	0.00	4.36	6.76	0.00	0.04
Minnehaha County	316	69	63	68	56	570	0.21	5.05	4.02	2.33	3.52	0.37
Pennington County	290	106	78	127	59	661	0.37	4.08	3.50	1.70	3.62	0.71
Tennessee	59,688	3,116	37,005	262	1,726	101,797	1.28	5.81	3.83	1.93	2.98	1.77
Anderson County	866	36	100	3	20	1,025	1.26	5.48	2.96	0.85	2.04	1.38
Carter County	599	12	7	3	5	627	1.11	4.01	1.31	3.22	2.20	1.13
Davidson County	5,305	490	6,246	41	450	12,532	1.35	7.03	4.35	2.68	3.76	2.25
Hamilton County	2,618	177	2,683	8	79	5,565	1.12	6.27	4.15	1.14	1.92	1.82
Hawkins County	597	8	25	3	2	635	1.17	3.11	2.51	2.53	1.72	1.21
Knox County	4,525	234	1,616	26	256	6,657	1.34	6.63	4.22	2.40	4.20	1.72
Madison County	705	20	903	0	16	1,644	1.19	4.44	2.96	0.00	3.53	1.81
Montgomery County	1,694	228	758	18	63	2,761	1.67	4.02	2.87	2.80	1.61	2.00
Rutherford County	2,649	81	580	8	109	3,426	1.64	4.15	3.16	1.79	2.61	1.84
Shelby County	5,433	481	17,604	24	388	23,930	1.18	5.45	4.14	1.25	2.99	2.63
Sullivan County	1,664	38	76	9	14	1,801	1.10	4.37	2.42	1.90	1.70	1.15
Washington County	1,380	43	113	7	32	1,574	1.35	4.90	2.66	3.27	4.41	1.46
Texas	160,799	321,694	105,876	3,446	16,271	608,086	1.41	5.39	4.00	3.48	2.82	2.93
Archer County	124	30	0	0	0	154	1.51	9.98	0.00	0.00	0.00	1.80
Bell County	2,538	1,569	1,554	36	240	5,937	1.80	4.46	3.29	2.67	2.25	2.52
Bexar County	6,349	42,743	4,322	275	662	54,350	1.31	5.48	4.24	4.28	2.57	3.88
Bowie County	750	69	634	3	7	1,462	1.20	4.34	3.09	0.71	1.66	1.71

Footnotes at end of table.

Appendix D. Estimated Census 2000 Undercount by Center County by Demographic Group, continued

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
Texas, continued												
Brazos County	2,423	1,164	516	18	549	4,671	2.66	4.99	2.95	4.50	7.99	3.36
Caldwell County	185	785	137	7	13	1,127	1.22	5.24	3.45	7.06	7.53	3.28
Cameron County	454	10,439	39	17	28	10,978	0.96	3.66	2.67	2.48	2.04	3.27
Chambers County	250	178	132	2	1	564	1.29	9.06	3.66	2.71	0.45	2.24
Collin County	5,950	2,668	960	87	153	9,818	1.49	6.30	4.17	3.57	0.75	2.01
Comal County	559	807	21	4	9	1,400	1.00	3.60	2.68	1.29	2.06	1.75
Dallas County	15,574	30,218	22,092	551	3,240	71,675	1.35	7.15	4.76	3.89	3.62	3.35
Denton County	6,200	1,928	824	69	422	9,443	1.80	5.20	3.47	2.83	2.61	2.23
Ector County	964	1,354	195	25	20	2,558	1.33	2.95	2.85	2.92	1.78	2.01
El Paso County	2,028	27,629	1,314	167	297	31,434	1.36	5.14	4.93	4.37	2.74	4.32
Fort Bend County	2,346	3,943	2,905	20	-173	9,041	1.33	4.80	3.56	1.88	-0.53	2.42
Galveston County	2,173	1,572	1,396	21	150	5,311	1.39	3.67	2.85	2.01	2.41	2.08
Grayson County	1,247	235	235	24	27	1,768	1.35	5.92	2.80	1.94	3.59	1.66
Gregg County	1,238	261	747	8	19	2,272	1.43	5.16	3.03	1.30	2.23	1.93
Guadalupe County	609	1,418	173	9	9	2,218	1.25	4.81	3.20	2.30	0.91	2.60
Harris County	22,398	60,865	31,782	456	4,766	120,267	1.41	6.94	4.62	3.79	2.52	3.58
Harrison County	517	100	586	4	2	1,208	1.28	6.49	3.05	1.99	0.69	1.96
Hays County	1,324	1,576	64	21	52	3,037	2.26	4.81	1.67	4.76	5.61	3.15
Hidalgo County	348	22,994	85	51	68	23,546	0.57	4.73	4.74	3.73	2.99	4.26
Jefferson County	1,598	452	2,257	19	249	4,576	1.16	3.18	2.65	2.89	3.29	1.86
Kaufman County	636	279	300	11	19	1,245	1.19	5.05	2.80	3.82	3.65	1.77
Lubbock County	2,491	2,666	590	22	222	5,991	1.73	4.19	2.91	2.53	5.39	2.57
McLennan County	2,154	1,390	1,128	29	117	4,817	1.55	4.37	3.12	3.57	4.98	2.29
Midland County	1,103	965	315	12	16	2,412	1.38	3.13	2.90	2.20	1.00	1.95
Montgomery County	3,882	1,539	501	33	50	6,005	1.51	5.56	3.37	2.52	1.52	1.98
Nueces County	1,552	9,969	630	63	93	12,307	1.36	5.30	4.24	4.13	2.22	3.81
Potter County	968	917	373	41	100	2,400	1.38	3.73	3.24	2.81	2.28	2.14
Randall County	1,277	335	33	11	35	1,691	1.40	3.62	2.15	1.84	3.00	1.63
Rockwall County	470	204	44	2	6	725	1.30	6.63	2.74	1.22	1.40	1.76
San Patricio County	410	2,036	70	19	16	2,551	1.34	4.95	3.14	4.96	2.98	3.41
Smith County	1,675	667	1,252	25	19	3,638	1.38	5.42	3.08	3.54	1.64	2.06
Tarrant County	14,645	13,610	8,666	248	1,883	39,053	1.52	6.54	4.54	3.13	3.50	2.74
Taylor County	1,455	751	275	19	75	2,576	1.60	3.57	3.15	3.12	3.06	2.08
Tom Green County	950	1,069	158	16	49	2,243	1.46	3.36	3.16	2.92	3.14	2.16
Travis County	7,522	13,863	4,757	192	1,827	28,160	1.71	7.24	4.95	4.95	5.87	3.70
Victoria County	566	1,395	177	8	7	2,152	1.28	4.16	2.77	2.44	1.50	2.54
Webb County	132	5,738	17	20	28	5,936	1.54	3.07	4.03	4.48	2.76	3.01

Footnotes at end of table.

Appendix D. Estimated Census 2000 Undercount by Center County by Demographic Group, continued

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
Texas, continued												
Wichita County	1,384	459	431	28	53	2,355	1.39	3.40	2.88	2.44	1.75	1.78
Williamson County	3,149	2,224	458	36	78	5,944	1.67	4.92	3.13	3.37	1.52	2.34
Utah	27,343	5,941	1,878	2,598	1,866	39,626	1.38	4.51	7.83	6.62	2.93	1.76
Davis County	1,699	491	390	56	137	2,774	0.76	4.23	8.95	3.12	2.10	1.12
Salt Lake County	6,463	2,752	1,045	310	867	11,437	0.84	4.19	8.39	3.12	2.36	1.28
Utah County	8,749	667	18	162	414	10,010	2.57	4.61	2.36	4.94	5.00	2.73
Weber County	1,242	704	384	53	88	2,470	0.75	4.28	7.96	2.87	2.12	1.28
Vermont	6,317	331	121	62	229	7,059	1.04	5.96	3.63	3.25	3.75	1.13
Chittenden County	1,213	76	59	14	131	1,492	0.84	4.27	3.86	3.21	4.54	0.98
Virginia	70,901	17,180	56,457	542	4,915	149,995	1.38	6.84	3.83	2.84	1.81	2.10
Arlington County	1,005	2,979	1,079	32	835	5,930	0.92	8.64	5.02	3.85	4.53	3.21
Bristol city	201	0	26	1	5	233	1.24	0.00	2.15	7.37	4.31	1.32
Charlottesville city	615	34	313	1	99	1,062	2.25	5.64	3.25	2.77	7.43	2.73
Danville city	272	10	630	2	-1	914	0.91	4.05	3.03	2.94	-0.26	1.78
Fredericksburg city	362	46	186	1	17	611	2.24	6.19	3.20	3.81	4.81	2.65
Hampton city	1,137	191	2,559	7	80	3,973	1.56	6.18	4.12	1.62	2.24	2.79
Lynchburg city	673	13	564	5	27	1,282	1.48	2.54	2.82	3.91	3.75	1.91
Newport News city	1,725	423	3,436	23	166	5,772	1.68	7.22	4.84	3.13	2.56	3.09
Norfolk city	1,661	322	4,307	25	269	6,585	1.63	6.09	4.49	2.76	3.19	3.10
Petersburg city	50	13	671	0	1	735	0.62	4.59	2.57	0.00	0.30	2.11
Portsmouth city	596	91	2,214	10	27	2,936	1.31	7.06	4.19	3.21	2.28	2.91
Richmond city	741	123	4,927	10	137	5,937	0.98	7.22	4.18	2.08	5.49	2.99
Roanoke city	843	32	725	5	42	1,647	1.27	4.00	2.69	2.62	3.98	1.73
Suffolk city	366	14	1,326	6	1	1,713	1.11	4.05	3.94	3.72	0.23	2.53
Virginia Beach city	5,921	1,100	3,325	57	244	10,648	1.78	6.39	4.53	3.30	0.83	2.34
Washington	64,320	20,793	15,896	5,845	8,327	115,181	1.30	6.13	7.61	5.16	2.27	1.93
Benton County	2,215	929	55	36	90	3,325	1.83	5.89	3.35	2.84	2.11	2.30
Clark County	3,363	611	496	77	260	4,808	1.04	4.96	8.84	2.03	2.07	1.35
Franklin County	399	1,219	69	18	76	1,782	1.53	6.55	3.42	4.14	4.91	3.66
King County	12,768	2,772	8,429	530	4,075	28,575	0.96	4.57	8.22	2.52	2.11	1.68
Kitsap County	3,938	417	199	230	306	5,090	1.86	4.48	3.03	4.96	1.93	2.06
Pierce County	5,759	1,339	4,805	346	1,401	13,648	1.03	4.61	8.38	3.18	2.73	1.93
Snohomish County	5,723	987	782	389	489	8,370	1.03	4.87	8.44	4.06	1.49	1.33
Spokane County	3,945	532	545	158	359	5,539	1.02	4.64	7.50	2.22	3.18	1.30
Thurston County	3,328	440	148	159	241	4,315	1.77	5.19	3.32	4.29	2.03	1.99
Whatcom County	2,992	495	25	489	160	4,161	2.00	7.08	2.59	8.28	3.55	2.47
Yakima County	2,350	4,370	135	1,223	156	8,234	1.68	6.62	3.68	8.91	3.50	3.62

Footnotes at end of table.

Appendix D. Estimated Census 2000 Undercount by Center County by Demographic Group, continued

State, Center County	Estimated Census 2000 Undercount						Estimated Census 2000 Undercount Rate ¹					
	White		Black	American Indian	Asian/ Pacific Is.	Total	White		Black	American Indian	Asian/ Pacific Is.	Total
	Nonhispanic	Hispanic					Nonhispanic	Hispanic				
West Virginia	22,746	652	1,658	58	300	25,414	1.28	5.58	2.77	2.25	2.57	1.36
Brooke County	281	5	7	1	3	296	1.08	4.43	2.78	3.26	3.35	1.12
Cabell County	1,204	23	99	2	27	1,355	1.33	4.00	2.45	1.70	3.40	1.41
Hancock County	334	6	19	0	0	360	1.01	2.39	2.06	0.00	0.00	1.04
Kanawha County	2,210	52	402	7	28	2,699	1.17	4.49	2.83	2.35	1.43	1.31
Marshall County	349	11	2	2	2	367	0.99	3.76	1.34	5.66	1.34	1.02
Wayne County	507	11	2	2	3	525	1.19	6.51	4.89	2.59	4.12	1.22
Wood County	954	15	20	2	7	999	1.10	4.64	2.36	1.46	1.32	1.12
Wisconsin	10,139	4,756	15,166	2,487	5,042	37,590	0.21	3.80	4.44	4.92	4.79	0.70
Brown County	421	88	33	220	331	1,093	0.20	4.44	2.14	4.28	6.00	0.49
Calumet County	26	5	2	2	-5	31	0.07	1.96	3.31	1.15	-1.12	0.08
Chippewa County	31	14	2	3	20	69	0.06	5.38	3.10	1.76	3.52	0.13
Dane County	1,883	521	722	9	1,181	4,316	0.47	5.64	3.85	0.54	6.45	0.97
Douglas County	39	10	3	9	20	81	0.09	3.42	1.14	0.92	4.00	0.19
Eau Claire County	310	24	12	7	295	650	0.36	4.04	3.25	1.33	6.99	0.71
Kenosha County	218	385	346	4	27	980	0.17	4.23	3.78	0.64	1.87	0.66
La Crosse County	334	20	26	7	347	734	0.34	2.73	3.75	1.84	6.52	0.70
Marathon County	58	24	12	6	296	395	0.05	3.91	5.29	1.04	5.93	0.31
Milwaukee County	3,397	1,364	12,358	150	1,126	18,395	0.57	2.72	4.80	1.95	4.44	1.97
Outagamie County	237	76	21	227	239	800	0.16	5.02	5.07	8.10	5.69	0.50
Racine County	155	498	961	8	33	1,655	0.10	3.88	3.49	1.13	1.62	0.86
Rock County	281	112	352	1	60	806	0.20	4.23	3.21	0.16	2.97	0.52
Sheboygan County	137	121	18	7	239	522	0.13	4.88	2.08	1.34	5.65	0.46
Washington County	97	46	6	5	13	166	0.08	3.77	2.34	1.73	1.57	0.14
Waukesha County	630	127	52	6	25	840	0.18	1.40	2.55	0.59	0.42	0.23
Winnebago County	383	67	31	9	175	665	0.26	3.90	2.23	0.99	4.98	0.44
Wyoming	8,599	1,372	179	1,214	150	11,515	1.80	4.14	3.18	8.67	2.78	2.15
Laramie County	1,310	320	109	21	44	1,804	1.79	3.28	3.26	2.38	2.54	2.03
Natrona County	1,088	87	25	12	7	1,220	1.67	3.17	3.41	2.05	1.23	1.75

Source: PricewaterhouseCoopers calculations.

¹ Undercount as a percent of adjusted population projections.

Appendix E: Federal Program Descriptions

Federal Program Descriptions

The federal programs analyzed in the report are summarized below. Additional information, such as the formulas used to allocate funds to states, is available from the General Accounting Office report.¹ The total effect on the eight federal programs analyzed appears in Table F-1 in Appendix F.

1. Adoption Assistance

The Adoption Assistance program supports the adoption of children with special needs. Specifically, the program provides maintenance payments to the families adopting the qualifying children, payments to state agencies for the administrative costs involved with placing the children in adoptive homes, and payments for training professional staff and parents involved in the adoptions. States determine which children qualify for the assistance; in general, children with special circumstances that make their adoption less likely, such as a mental or physical handicap, are eligible for the program.

The federal government provides a specified percentage of the payments made to the qualifying families, and states provide the remainder. Administrative and training expenses are matched at the same rate in all states (50 percent and 75 percent, respectively). The federal government reimburses maintenance payments based on a state-specific percentage that depends on each state's per capita income. This percentage, the Federal medical assistance percentage (FMAP), ranges from 50 percent to 83 percent and also determines reimbursement rates under the Medicaid program.

To calculate the effect of the 2000 undercount on the Adoption Assistance funding received by each state, the FMAP for each state was calculated using adjusted and unadjusted per capita income, which relied on adjusted and unadjusted population counts. Adjusted and unadjusted funding levels by state were produced by calculating the product of the FMAP (adjusted or unadjusted) and the maintenance payments.² Table F-2 in Appendix F summarizes the estimated effect of the Census 2000 undercount on this program.

¹ General Accounting Office, *Formula Grants: Effects of Adjusted Population Counts on Federal Funding to States*, GAO/HEHS-99-69, February 1999. The formula used to allocate the Vocational Education differs slightly from that presented in the GAO report. See the listing for the program in the Catalog of Federal Domestic Assistance (CFDA# 84.048).

² Administrative and training expenses would not be affected by the undercount since those expenses are matched at rates that do not depend on population counts.

2. Child Care and Development Fund Discretionary Funds (formerly the Child Care and Development Block Grant)

This program provides funding to assist low-income families with child care and to improve the availability and quality of child care. States establish programs with the funds subject to certain Federal restrictions. For instance, to qualify for services under the program, children must be from families that earn less than 85 percent of the state median income.

The program allocates funding amounts to states based on a formula that includes the state population under 5 years old, the number of children qualifying for the School Lunch program, and the state per capita income. To calculate the effect of the 2000 undercount on the funding received by each state, adjusted and unadjusted population (under 5 and overall) figures were used in the formula to calculate adjusted and unadjusted state shares. Multiplying these shares by the total funding level for the program yielded the adjusted and unadjusted state funding levels. Table F-3 in Appendix F summarizes the estimated effect of the Census 2000 undercount on this program.

3. Foster Care

The Foster Care program supports families and facilities that provide homes to needy foster children. The program provides funding for maintenance payments to the homes hosting the children, payments to the state agencies for administrative costs, and payments to state and local agencies for training expenses. Any foster child that would have qualified for the Aid to Families with Dependent Children (AFDC) program, as in effect in 1995, qualifies for Foster Care payments, which are made to the foster care family home, private child care facility, or public child care institution (with more than 25 people). The maintenance payments are intended to cover the costs associated with raising a child, such as expenses for food, shelter, and supervision.

Similar to the Adoption Assistance program, administrative and training expenses are matched at the same rate in all states (50 percent and 75 percent, respectively). The federal government reimburses maintenance payments based on the FMAP.

To calculate the effect of the 2000 undercount on the Foster Care funding received by each state, the FMAP for each state was calculated using adjusted and unadjusted per capita income, which relied on adjusted and unadjusted population counts. Adjusted and unadjusted funding levels by state were produced by calculating the product of the FMAP (adjusted or unadjusted) and the maintenance payments. Table F-4 in Appendix F summarizes the estimated effect of the Census 2000 undercount on this program.

4. Medicaid

The Medicaid program provides medical assistance to certain low-income individuals. States design and administer their own programs, subject to Federal regulations, and receive reimbursements from the Federal government for their expenses. In general, low-income children and pregnant women, adults in families with dependent children, low-income persons with disabilities, and low-income elderly persons qualify for the program. The program covers expenses for medical assistance such as inpatient and outpatient hospital care, laboratory and x-ray services, and physician services.

Administrative expenses, amounts for family planning, and amounts paid to Indian Health Services facilities are matched at the same rate in all states (50 percent, 90 percent, and 75 percent, respectively). Medical assistance payments (i.e., payments for care) are matched based on the FMAP.

To calculate the effect of the 2000 undercount on the Foster Care funding received by each state, the FMAP for each state was calculated using adjusted and unadjusted per capita income, which relied on adjusted and unadjusted population counts. Adjusted and unadjusted funding levels by state were produced by calculating the product of the FMAP (adjusted or unadjusted) and the medical assistance payments. Table F-5 in Appendix F summarizes the estimated effect of the Census 2000 undercount on this program.

5. Rehabilitation Services, Basic Grants

This program provides vocational rehabilitation to disabled individuals and their families. Specifically, individuals with physical or mental impairments receive services such as reader services for the blind, interpreter services for the deaf, prosthetic devices, job placement, and transportation to vocational rehabilitation facilities. States administer independent programs, subject to Federal guidelines, and receive grants annually from the Federal government.

The program allocates funding to states based on a formula that considers the amount received by the state in 1978, state population, and per capita income. To calculate the effect of the 2000 undercount, state shares were calculated using adjusted and unadjusted state and national population figures. Adjusted and unadjusted state funding levels were calculated by multiplying the state shares (adjusted and unadjusted) by the total funding for the program. States are guaranteed to receive at least one-third of one percent of the total appropriation; state funding levels (adjusted and unadjusted) were adjusted to conform to this restriction. Table F-6 in Appendix F summarizes the estimated effect of the Census 2000 undercount on this program.

6. Social Services Block Grant

This program provides grants to states for providing social services. States determine the use of the funds at their own discretion but must use the funds towards one of five goals: (1) to prevent, reduce, or eliminate dependency; (2) to achieve or maintain self-sufficiency; (3) to prevent neglect, abuse, or exploitation of children and adults; (4) to prevent or reduce inappropriate institutional care; and (5) to secure admission or referral for institutional care when other forms of care are inappropriate.³ In the past, states have used the funds for child day care, protective and emergency services for children and adults, adoption, foster care, and counseling.

States receive allotments under the program based on a formula that relies on the state's share of the national population. To calculate the effect of the 2000 undercount, state shares were calculated using adjusted and unadjusted state and national population figures. Adjusted and unadjusted state funding levels were calculated by multiplying the state shares (adjusted and unadjusted) by the total funding for the program. Table F-7 in Appendix F summarizes the estimated effect of the Census 2000 undercount on this program.

7. Substance Abuse Prevention and Treatment Block Grant

This program provides grants to states for the prevention and treatment of drug and alcohol abuse. Subject to certain federal restrictions, states design and implement programs to reduce drug and alcohol abuse and provide rehabilitation to individuals with drug and alcohol problems.

States receive allocations under the program based on a formula that depends on the population aged 18 to 24, population aged 25 to 64, urban population aged 18 to 24, per capita income, and a cost index. The cost index, which is recalculated every three years, consists of a wage component and a measure of average rental prices for housing.

To calculate the effect of the 2000 undercount, state shares were calculated using adjusted and unadjusted state and national population figures (the cost index and urban share of population were assumed to remain constant). Adjusted and unadjusted state funding levels were calculated by multiplying the state shares (adjusted and unadjusted) by the total funding for the program. After the calculation of these funding levels, additional adjustments were made to guarantee that each state received a minimum share of the increase in the national funding level and a minimum share of the national funding level, as is standard practice under current

³ As described in the Catalog of Federal Domestic Assistance (CFDA), General Services Administration.

law.⁴ Table F-8 in Appendix F summarizes the estimated effect of the Census 2000 undercount on this program.

8. Vocational Education

This program provides grants to states for vocational education programs for youths and adults. State programs offer courses to prepare individuals for employment in occupations not requiring a baccalaureate or an advanced degree. States use the funds provided by this program for a variety of activities, including purchasing occupationally-relevant equipment and curriculum materials, providing career counseling and guidance, hiring staff, and offering remedial classes.

The formula used to allot the funding amount to states depends on the population aged 15 to 19, population aged 20 to 24, population aged 25 to 65, and per capita income. To calculate the effect of the 2000 undercount, state shares were calculated using adjusted and unadjusted state and national population figures. Adjusted and unadjusted state funding levels were calculated by multiplying the state shares (adjusted and unadjusted) by the total funding for the program. Current law contains a “hold-harmless” provision to guarantee that the amount a state receives in the current year always exceeds the amount received in the prior year (assuming the national funding level rises). State funding levels were adjusted to ensure that this provision was satisfied. Table F-9 in Appendix F summarizes the estimated effect of the Census 2000 undercount on this program.

⁴ Specifically, the guaranteed increases used for 1999 funding levels have been used for future years. The actual rules governing minimum increases and shares of the national total have varied by year; we have assumed the 1999 rules continue to apply since newer rules are unavailable.

Appendix F: Estimated Funding Effect by State by Program

Table F-1. Estimated Funding Effect of Census 2000 Undercount by State on Eight Federal Programs, FY 2002-2012 [Fiscal years; thousands of dollars]

State	2002	2003	2004	2005	2006	2007	2002-2012
Alabama	-32	-138	-153	-170	-189	-210	-2,254
Alaska	-36	-1,512	-1,631	-1,765	-1,913	-2,071	-21,953
Arizona	-929	-14,446	-15,518	-16,726	-18,059	-19,477	-205,773
Arkansas	6	268	286	305	326	349	3,663
California	-12,268	-350,915	-377,762	-407,988	-441,361	-476,885	-5,047,786
Colorado	-352	-504	-513	-523	-532	-542	-5,409
Connecticut	356	588	596	605	614	623	6,247
Delaware	-35	-36	-36	-37	-37	-38	-379
District of Columbia	-192	-195	-198	-201	-204	-207	-2,058
Florida	-1,631	-35,467	-38,164	-41,207	-44,568	-48,145	-509,280
Georgia	-1,130	-19,016	-20,445	-22,057	-23,837	-25,731	-271,962
Hawaii	-42	-1,408	-1,516	-1,638	-1,773	-1,917	-20,287
Idaho	-78	-2,028	-2,181	-2,354	-2,545	-2,747	-29,053
Illinois	2,286	3,042	3,097	3,154	3,212	3,272	32,636
Indiana	2,118	37,020	39,799	42,929	46,387	50,066	529,252
Iowa	1,086	19,835	21,342	23,039	24,915	26,910	284,721
Kansas	858	12,822	13,776	14,852	16,039	17,303	182,786
Kentucky	159	3,669	3,942	4,249	4,589	4,950	52,303
Louisiana	-528	-12,765	-13,740	-14,841	-16,056	-17,350	-183,560
Maine	374	10,598	11,415	12,336	13,352	14,435	152,821
Maryland	-680	-814	-828	-843	-858	-874	-8,700
Massachusetts	1,586	2,063	2,100	2,138	2,176	2,216	22,098
Michigan	3,104	77,268	83,255	89,992	97,444	105,373	1,116,520
Minnesota	1,589	46,373	49,918	53,916	58,330	63,028	666,954
Mississippi	-273	-4,347	-4,674	-5,044	-5,451	-5,885	-62,190
Missouri	1,749	46,546	50,089	54,087	58,501	63,199	668,527
Montana	-164	-1,776	-1,906	-2,053	-2,215	-2,388	-25,194
Nebraska	518	11,926	12,832	13,854	14,983	16,185	171,196
Nevada	-339	-1,664	-1,767	-1,881	-2,006	-2,140	-22,365
New Hampshire	287	292	297	302	307	313	3,105
New Jersey	1,588	2,247	2,287	2,327	2,369	2,411	24,082
New Mexico	-595	-11,131	-11,965	-12,906	-13,945	-15,050	-159,075
New York	141	-161	-164	-167	-170	-173	-1,785
North Carolina	-376	-9,111	-9,810	-10,600	-11,472	-12,401	-131,225
North Dakota	170	2,804	3,015	3,253	3,515	3,795	40,114
Ohio	3,273	86,329	92,904	100,318	108,504	117,217	1,240,121
Oklahoma	-79	-983	-1,059	-1,145	-1,240	-1,342	-14,198
Oregon	-148	-3,924	-4,224	-4,562	-4,936	-5,333	-56,449
Pennsylvania	4,333	160,794	173,147	187,072	202,444	218,809	2,316,212
Rhode Island	364	17,179	18,519	20,032	21,704	23,484	248,793
South Carolina	-288	-5,705	-6,139	-6,628	-7,168	-7,743	-81,885
South Dakota	164	2,236	2,403	2,591	2,799	3,020	31,901
Tennessee	-61	-1,103	-1,192	-1,293	-1,405	-1,525	-16,173
Texas	-7,016	-133,796	-143,828	-155,143	-167,634	-180,927	-1,912,193
Utah	261	119	114	108	101	93	800
Vermont	111	3,094	3,333	3,603	3,901	4,218	44,672
Virginia	-670	-12,343	-13,272	-14,321	-15,479	-16,711	-176,651
Washington	-228	-8,678	-9,345	-10,099	-10,931	-11,817	-125,096
West Virginia	181	3,844	4,132	4,456	4,815	5,196	54,911
Wisconsin	1,553	34,039	36,630	39,549	42,774	46,206	488,887
Wyoming	-50	-858	-923	-996	-1,076	-1,162	-12,276
Total, United States	0	-49,829	-53,728	-58,119	-62,960	-68,117	-721,888
Funding Gains	28,710	586,149	630,413	680,285	735,355	793,961	8,396,305
Funding Losses	-28,710	-635,978	-684,141	-738,404	-798,315	-862,078	-9,118,193

Source: PricewaterhouseCoopers calculations.

Table F-2. Estimated Funding Effect of Census 2000 Undercount by State: Adoption Assistance, FY 2003-2012 [Fiscal years; thousands of dollars]

State	2003	2004	2005	2006	2007	2003-2007	2003-2012
Alabama	-*	-*	-*	-*	-*	-1	-3
Alaska	-27	-31	-36	-41	-46	-180	-522
Arizona	-141	-162	-185	-212	-240	-941	-2,723
Arkansas	1	1	1	1	1	6	17
California	-3,847	-4,439	-5,072	-5,807	-6,582	-25,748	-74,530
Colorado	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	0	0	0
Florida	-256	-296	-338	-387	-438	-1,715	-4,965
Georgia	-114	-131	-150	-171	-194	-760	-2,199
Hawaii	-10	-12	-14	-16	-18	-69	-201
Idaho	-7	-8	-9	-11	-12	-48	-139
Illinois	0	0	0	0	0	0	0
Indiana	386	445	509	583	660	2,583	7,476
Iowa	354	408	466	534	605	2,367	6,852
Kansas	107	124	141	162	184	718	2,079
Kentucky	10	11	13	15	17	65	188
Louisiana	-54	-62	-71	-81	-92	-359	-1,040
Maine	91	105	120	137	155	607	1,757
Maryland	0	0	0	0	0	0	0
Massachusetts	0	0	0	0	0	0	0
Michigan	1,977	2,281	2,606	2,984	3,382	13,230	38,295
Minnesota	266	307	351	401	455	1,780	5,151
Mississippi	-5	-6	-7	-8	-9	-36	-103
Missouri	192	222	254	291	329	1,288	3,729
Montana	-9	-10	-11	-13	-15	-58	-167
Nebraska	85	99	113	129	146	572	1,656
Nevada	-4	-5	-6	-6	-7	-29	-83
New Hampshire	0	0	0	0	0	0	0
New Jersey	0	0	0	0	0	0	0
New Mexico	-85	-98	-112	-129	-146	-571	-1,652
New York	0	0	0	0	0	0	0
North Carolina	-38	-44	-50	-57	-65	-255	-737
North Dakota	13	15	17	20	22	87	251
Ohio	558	644	736	843	956	3,738	10,819
Oklahoma	-8	-9	-10	-12	-13	-51	-148
Oregon	-49	-57	-65	-74	-84	-328	-949
Pennsylvania	842	971	1,110	1,270	1,440	5,633	16,305
Rhode Island	138	159	182	208	236	922	2,669
South Carolina	-16	-18	-21	-24	-27	-106	-306
South Dakota	11	12	14	16	19	72	210
Tennessee	-2	-3	-3	-4	-4	-17	-48
Texas	-684	-789	-902	-1,033	-1,170	-4,578	-13,253
Utah	-1	-1	-1	-2	-2	-7	-20
Vermont	37	43	49	57	64	251	726
Virginia	-56	-65	-74	-85	-96	-375	-1,086
Washington	-50	-57	-66	-75	-85	-333	-963
West Virginia	4	5	6	7	7	29	85
Wisconsin	424	490	560	641	726	2,841	8,222
Wyoming	-1	-1	-2	-2	-2	-8	-22
Total, United States	32	37	43	49	56	217	629
Funding Gains	5,497	6,342	7,247	8,297	9,405	36,788	106,488
Funding Losses	-5,464	-6,305	-7,204	-8,248	-9,349	-36,570	-105,858

Source: PricewaterhouseCoopers calculations.

Note: An asterisk (*) denotes a positive shift of less than \$500. A negative asterisk (-*) denotes a negative shift of less than \$500.

Table F-3. Estimated Funding Effect of Census 2000 Undercount by State: Child Care and Development Block Grant, FY 2002-2011 [Fiscal years; thousands of dollars]

State	2002	2003	2004	2005	2006	2002-2006	2002-2011
Alabama	-41	-42	-43	-44	-45	-215	-454
Alaska	4	4	4	4	4	19	39
Arizona	-224	-229	-234	-239	-244	-1,171	-2,469
Arkansas	-18	-18	-18	-19	-19	-92	-194
California	-2,305	-2,355	-2,402	-2,453	-2,504	-12,018	-25,350
Colorado	-37	-38	-39	-40	-40	-194	-409
Connecticut	80	82	84	86	87	419	884
Delaware	-10	-10	-10	-10	-10	-50	-105
District of Columbia	-17	-17	-18	-18	-19	-89	-187
Florida	-515	-527	-537	-548	-560	-2,688	-5,669
Georgia	-323	-330	-337	-344	-351	-1,684	-3,552
Hawaii	-2	-2	-2	-2	-2	-9	-19
Idaho	-4	-4	-4	-5	-5	-22	-47
Illinois	563	576	587	600	612	2,938	6,197
Indiana	495	506	516	527	538	2,583	5,448
Iowa	260	266	271	277	283	1,356	2,861
Kansas	197	201	205	209	214	1,026	2,163
Kentucky	_*	_*	_*	_*	_*	-2	-5
Louisiana	-88	-90	-92	-94	-96	-461	-973
Maine	87	89	91	93	95	456	961
Maryland	-148	-152	-155	-158	-161	-774	-1,632
Massachusetts	328	336	342	350	357	1,713	3,613
Michigan	601	614	626	639	653	3,133	6,607
Minnesota	356	364	372	379	387	1,859	3,921
Mississippi	-56	-57	-58	-59	-61	-291	-613
Missouri	415	424	433	442	451	2,165	4,567
Montana	-14	-14	-14	-15	-15	-72	-151
Nebraska	135	137	140	143	146	702	1,480
Nevada	-58	-59	-60	-61	-63	-300	-633
New Hampshire	63	64	66	67	68	329	693
New Jersey	184	188	192	196	200	961	2,027
New Mexico	-32	-32	-33	-34	-35	-166	-349
New York	230	235	239	244	250	1,198	2,526
North Carolina	-132	-135	-138	-141	-143	-689	-1,453
North Dakota	23	24	24	25	25	120	254
Ohio	717	732	747	763	779	3,738	7,885
Oklahoma	-27	-28	-28	-29	-30	-142	-300
Oregon	-14	-14	-15	-15	-15	-73	-154
Pennsylvania	813	830	847	865	883	4,238	8,939
Rhode Island	78	80	81	83	85	406	856
South Carolina	-59	-61	-62	-63	-64	-309	-652
South Dakota	45	46	47	48	49	234	493
Tennessee	-51	-52	-53	-55	-56	-267	-564
Texas	-1,760	-1,798	-1,834	-1,873	-1,912	-9,178	-19,359
Utah	69	71	72	74	75	362	764
Vermont	28	29	30	30	31	148	313
Virginia	-164	-167	-171	-174	-178	-854	-1,801
Washington	-16	-16	-17	-17	-17	-84	-177
West Virginia	12	13	13	13	13	65	136
Wisconsin	339	346	353	361	368	1,767	3,728
Wyoming	-8	-8	-8	-8	-8	-40	-84
Total, United States	0	0	0	0	0	0	0
Funding Gains	6,123	6,256	6,383	6,517	6,653	31,932	67,354
Funding Losses	-6,123	-6,256	-6,383	-6,517	-6,653	-31,932	-67,354

Source: PricewaterhouseCoopers calculations.

Note: An asterisk (*) denotes a positive shift of less than \$500. A negative asterisk (-*) denotes a negative shift of less than \$500.

Table F-4. Estimated Funding Effect of Census 2000 Undercount by State: Foster Care, FY 2003-2012 [Fiscal years; thousands of dollars]

State	2003	2004	2005	2006	2007	2003-2007	2003-2012
Alabama	-*	-*	-1	-1	-1	-3	-7
Alaska	-32	-35	-37	-40	-43	-187	-455
Arizona	-367	-395	-424	-456	-490	-2,132	-5,197
Arkansas	2	2	2	3	3	12	29
California	-18,182	-19,534	-21,000	-22,584	-24,282	-105,582	-257,329
Colorado	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	0	0	0
Florida	-421	-452	-486	-523	-562	-2,443	-5,955
Georgia	-185	-199	-213	-230	-247	-1,073	-2,616
Hawaii	-17	-18	-19	-21	-22	-96	-235
Idaho	-9	-9	-10	-11	-12	-51	-124
Illinois	0	0	0	0	0	0	0
Indiana	572	614	660	710	763	3,319	8,090
Iowa	277	298	320	345	370	1,611	3,926
Kansas	112	121	130	140	150	653	1,592
Kentucky	62	67	72	77	83	360	878
Louisiana	-186	-200	-214	-231	-248	-1,078	-2,628
Maine	411	442	475	511	549	2,387	5,818
Maryland	0	0	0	0	0	0	0
Massachusetts	0	0	0	0	0	0	0
Michigan	1,940	2,085	2,241	2,410	2,591	11,268	27,463
Minnesota	1,351	1,451	1,560	1,678	1,804	7,844	19,119
Mississippi	-28	-30	-32	-34	-37	-160	-391
Missouri	786	844	907	976	1,049	4,562	11,119
Montana	-33	-36	-38	-41	-44	-192	-469
Nebraska	180	193	208	223	240	1,045	2,546
Nevada	-21	-23	-25	-26	-28	-124	-302
New Hampshire	0	0	0	0	0	0	0
New Jersey	0	0	0	0	0	0	0
New Mexico	-54	-58	-63	-68	-73	-316	-771
New York	0	0	0	0	0	0	0
North Carolina	-140	-150	-162	-174	-187	-813	-1,981
North Dakota	40	43	47	50	54	235	572
Ohio	2,237	2,404	2,584	2,779	2,988	12,992	31,664
Oklahoma	-14	-15	-17	-18	-19	-84	-204
Oregon	-67	-72	-77	-83	-90	-389	-949
Pennsylvania	7,024	7,547	8,113	8,725	9,381	40,790	99,415
Rhode Island	205	220	237	255	274	1,191	2,902
South Carolina	-35	-38	-41	-44	-47	-205	-500
South Dakota	16	17	18	19	21	90	219
Tennessee	-10	-10	-11	-12	-13	-56	-135
Texas	-1,418	-1,524	-1,638	-1,762	-1,894	-8,237	-20,075
Utah	-2	-2	-2	-3	-3	-12	-29
Vermont	82	88	95	102	110	477	1,162
Virginia	-98	-105	-113	-122	-131	-570	-1,389
Washington	-64	-69	-74	-80	-86	-372	-907
West Virginia	64	68	73	79	85	369	900
Wisconsin	618	664	713	767	825	3,587	8,741
Wyoming	-18	-20	-21	-23	-24	-106	-258
Total, United States	-5,423	-5,826	-6,263	-6,736	-7,242	-31,490	-76,749
Funding Gains	15,979	17,167	18,456	19,848	21,340	92,791	226,154
Funding Losses	-21,402	-22,993	-24,719	-26,584	-28,583	-124,281	-302,903

Source: PricewaterhouseCoopers calculations.

Note: An asterisk (*) denotes a positive shift of less than \$500. A negative asterisk (-*) denotes a negative shift of less than \$500.

Table F-5. Estimated Funding Effect of Census 2000 Undercount by State: Medicaid, FY 2003-2012 [Fiscal years; thousands of dollars]

State	2003	2004	2005	2006	2007	2003-2007	2003-2012
Alabama	-211	-228	-247	-268	-290	-1,244	-3,073
Alaska	-1,417	-1,529	-1,655	-1,795	-1,943	-8,339	-20,594
Arizona	-12,707	-13,708	-14,840	-16,091	-17,423	-74,769	-184,655
Arkansas	199	214	232	252	273	1,170	2,889
California	-312,177	-336,772	-364,583	-395,315	-428,037	-1,836,884	-4,536,496
Colorado	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	0	0	0
Florida	-32,923	-35,517	-38,450	-41,691	-45,142	-193,724	-478,435
Georgia	-17,457	-18,833	-20,388	-22,107	-23,936	-102,721	-253,688
Hawaii	-1,323	-1,427	-1,545	-1,675	-1,814	-7,784	-19,225
Idaho	-1,895	-2,044	-2,213	-2,399	-2,598	-11,148	-27,533
Illinois	0	0	0	0	0	0	0
Indiana	33,338	35,965	38,935	42,217	45,711	196,167	484,467
Iowa	17,860	19,267	20,858	22,616	24,488	105,089	259,534
Kansas	11,547	12,456	13,485	14,622	15,832	67,941	167,793
Kentucky	3,321	3,582	3,878	4,205	4,553	19,539	48,255
Louisiana	-11,978	-12,922	-13,989	-15,168	-16,424	-70,481	-174,065
Maine	9,716	10,481	11,347	12,303	13,322	57,170	141,190
Maryland	0	0	0	0	0	0	0
Massachusetts	0	0	0	0	0	0	0
Michigan	69,361	74,826	81,005	87,833	95,103	408,128	1,007,942
Minnesota	42,736	46,103	49,911	54,118	58,597	251,465	621,036
Mississippi	-4,059	-4,379	-4,741	-5,140	-5,566	-23,884	-58,986
Missouri	43,333	46,747	50,608	54,874	59,416	254,977	629,710
Montana	-1,568	-1,691	-1,831	-1,985	-2,149	-9,224	-22,781
Nebraska	11,017	11,885	12,866	13,951	15,106	64,825	160,095
Nevada	-1,155	-1,246	-1,349	-1,463	-1,584	-6,799	-16,791
New Hampshire	0	0	0	0	0	0	0
New Jersey	0	0	0	0	0	0	0
New Mexico	-10,184	-10,987	-11,894	-12,896	-13,964	-59,925	-147,994
New York	0	0	0	0	0	0	0
North Carolina	-8,602	-9,279	-10,046	-10,892	-11,794	-50,613	-124,997
North Dakota	2,577	2,780	3,009	3,263	3,533	15,163	37,446
Ohio	79,263	85,507	92,569	100,371	108,680	466,389	1,151,828
Oklahoma	-935	-1,009	-1,092	-1,184	-1,282	-5,503	-13,590
Oregon	-3,601	-3,885	-4,206	-4,560	-4,938	-21,190	-52,332
Pennsylvania	147,197	158,793	171,907	186,398	201,826	866,121	2,139,033
Rhode Island	16,466	17,763	19,230	20,851	22,577	96,887	239,279
South Carolina	-5,376	-5,800	-6,279	-6,808	-7,371	-31,633	-78,124
South Dakota	2,043	2,204	2,386	2,587	2,802	12,023	29,693
Tennessee	-1,136	-1,225	-1,327	-1,438	-1,557	-6,683	-16,506
Texas	-122,521	-132,174	-143,089	-155,151	-167,993	-720,928	-1,780,453
Utah	-124	-133	-144	-156	-169	-727	-1,795
Vermont	2,861	3,087	3,341	3,623	3,923	16,835	41,578
Virginia	-11,424	-12,324	-13,342	-14,467	-15,664	-67,221	-166,014
Washington	-8,244	-8,893	-9,628	-10,439	-11,303	-48,508	-119,798
West Virginia	3,528	3,806	4,120	4,467	4,837	20,757	51,264
Wisconsin	31,006	33,449	36,212	39,264	42,514	182,445	450,580
Wyoming	-788	-850	-921	-998	-1,081	-4,639	-11,456
Total, United States	-44,438	-47,939	-51,898	-56,273	-60,931	-261,480	-645,768
Funding Gains	527,369	568,917	615,899	667,815	723,093	3,103,092	7,663,613
Funding Losses	-571,807	-616,856	-667,797	-724,088	-784,024	-3,364,572	-8,309,382

Source: PricewaterhouseCoopers calculations.

Note: An asterisk (*) denotes a positive shift of less than \$500. A negative asterisk (-*) denotes a negative shift of less than \$500.

Table F-6. Estimated Funding Effect of Census 2000 Undercount by State: Rehabilitation Services, FY 2002-2011 [Fiscal years; thousands of dollars]

State	2002	2003	2004	2005	2006	2002-2006	2002-2011
Alabama	11	11	11	12	12	57	120
Alaska	-27	-28	-29	-29	-30	-143	-304
Arizona	-561	-573	-587	-600	-614	-2,935	-6,223
Arkansas	20	20	21	21	22	104	220
California	-6,345	-6,490	-6,641	-6,793	-6,950	-33,219	-70,440
Colorado	-219	-224	-230	-235	-240	-1,148	-2,434
Connecticut	91	93	95	97	99	475	1,007
Delaware	-16	-16	-17	-17	-18	-84	-179
District of Columbia	-112	-115	-117	-120	-123	-587	-1,245
Florida	-942	-964	-986	-1,009	-1,032	-4,934	-10,462
Georgia	-571	-584	-597	-611	-625	-2,988	-6,337
Hawaii	-28	-29	-29	-30	-31	-146	-311
Idaho	-95	-98	-100	-102	-105	-500	-1,059
Illinois	1,215	1,243	1,271	1,301	1,330	6,360	13,486
Indiana	1,166	1,193	1,220	1,249	1,277	6,105	12,946
Iowa	594	608	622	636	651	3,110	6,595
Kansas	410	419	429	439	449	2,147	4,552
Kentucky	119	122	125	127	130	623	1,321
Louisiana	-314	-322	-329	-337	-344	-1,646	-3,490
Maine	207	212	217	222	227	1,085	2,301
Maryland	-368	-377	-386	-394	-403	-1,929	-4,090
Massachusetts	865	885	905	926	947	4,528	9,602
Michigan	1,542	1,577	1,614	1,651	1,689	8,072	17,117
Minnesota	873	893	914	935	956	4,571	9,692
Mississippi	-155	-159	-163	-166	-170	-813	-1,725
Missouri	957	979	1,002	1,025	1,048	5,012	10,627
Montana	-86	-88	-90	-92	-94	-451	-955
Nebraska	275	281	288	295	301	1,440	3,054
Nevada	-203	-208	-212	-217	-222	-1,062	-2,253
New Hampshire	158	161	165	169	173	825	1,749
New Jersey	958	980	1,003	1,026	1,050	5,017	10,639
New Mexico	-407	-417	-426	-436	-446	-2,132	-4,520
New York	-54	-55	-56	-58	-59	-281	-597
North Carolina	-169	-173	-177	-181	-185	-886	-1,878
North Dakota	107	109	112	115	117	560	1,187
Ohio	1,831	1,872	1,916	1,960	2,005	9,584	20,322
Oklahoma	-35	-36	-36	-37	-38	-182	-386
Oregon	-94	-96	-98	-100	-103	-491	-1,041
Pennsylvania	2,500	2,557	2,617	2,677	2,738	13,089	27,755
Rhode Island	203	208	213	218	223	1,065	2,257
South Carolina	-162	-165	-169	-173	-177	-847	-1,796
South Dakota	86	88	91	93	95	453	960
Tennessee	-3	-3	-3	-3	-3	-16	-33
Texas	-3,745	-3,831	-3,920	-4,010	-4,102	-19,608	-41,579
Utah	1	1	1	1	1	6	12
Vermont	60	61	62	64	65	312	663
Virginia	-354	-362	-371	-379	-388	-1,855	-3,933
Washington	-146	-150	-153	-157	-160	-766	-1,623
West Virginia	125	127	130	133	136	652	1,383
Wisconsin	870	890	910	931	953	4,554	9,657
Wyoming	-30	-31	-31	-32	-33	-157	-334
Total, United States	0	0	0	0	0	0	0
Funding Gains	15,244	15,592	15,954	16,320	16,696	79,806	169,225
Funding Losses	-15,244	-15,592	-15,954	-16,320	-16,696	-79,806	-169,225

Source: PricewaterhouseCoopers calculations.

Note: An asterisk (*) denotes a positive shift of less than \$500. A negative asterisk (-*) denotes a negative shift of less than \$500.

Table F-7. Estimated Funding Effect of Census 2000 Undercount by State: Social Services Block Grant, FY 2002-2011 [Fiscal years; thousands of dollars]

State	2002	2003	2004	2005	2006	2002-2006	2002-2011
Alabama	-1	-1	-1	-1	-1	-5	-11
Alaska	-12	-12	-12	-12	-12	-58	-117
Arizona	-224	-224	-224	-224	-224	-1,118	-2,236
Arkansas	4	4	4	4	4	21	42
California	-2,656	-2,656	-2,656	-2,656	-2,656	-13,279	-26,558
Colorado	-95	-95	-95	-95	-95	-477	-954
Connecticut	185	185	185	185	185	924	1,848
Delaware	-7	-7	-7	-7	-7	-37	-75
District of Columbia	-63	-63	-63	-63	-63	-313	-626
Florida	-396	-396	-396	-396	-396	-1,979	-3,958
Georgia	-236	-236	-236	-236	-236	-1,179	-2,358
Hawaii	-13	-13	-13	-13	-13	-63	-125
Idaho	-38	-38	-38	-38	-38	-190	-379
Illinois	508	508	508	508	508	2,541	5,082
Indiana	457	457	457	457	457	2,285	4,569
Iowa	232	232	232	232	232	1,161	2,323
Kansas	162	162	162	162	162	809	1,617
Kentucky	41	41	41	41	41	204	408
Louisiana	-125	-125	-125	-125	-125	-627	-1,255
Maine	79	79	79	79	79	397	794
Maryland	-163	-163	-163	-163	-163	-814	-1,628
Massachusetts	392	392	392	392	392	1,962	3,923
Michigan	619	619	619	619	619	3,094	6,189
Minnesota	360	360	360	360	360	1,800	3,599
Mississippi	-62	-62	-62	-62	-62	-309	-617
Missouri	376	376	376	376	376	1,881	3,762
Montana	-34	-34	-34	-34	-34	-168	-337
Nebraska	108	108	108	108	108	542	1,083
Nevada	-86	-86	-86	-86	-86	-430	-859
New Hampshire	66	66	66	66	66	332	664
New Jersey	446	446	446	446	446	2,229	4,458
New Mexico	-156	-156	-156	-156	-156	-778	-1,557
New York	-35	-35	-35	-35	-35	-175	-350
North Carolina	-75	-75	-75	-75	-75	-374	-747
North Dakota	40	40	40	40	40	201	403
Ohio	725	725	725	725	725	3,627	7,253
Oklahoma	-17	-17	-17	-17	-17	-87	-174
Oregon	-41	-41	-41	-41	-41	-204	-407
Pennsylvania	1,020	1,020	1,020	1,020	1,020	5,101	10,201
Rhode Island	83	83	83	83	83	414	829
South Carolina	-67	-67	-67	-67	-67	-333	-665
South Dakota	33	33	33	33	33	163	325
Tennessee	-7	-7	-7	-7	-7	-35	-70
Texas	-1,510	-1,510	-1,510	-1,510	-1,510	-7,551	-15,103
Utah	-2	-2	-2	-2	-2	-11	-22
Vermont	23	23	23	23	23	115	230
Virginia	-152	-152	-152	-152	-152	-762	-1,524
Washington	-66	-66	-66	-66	-66	-328	-656
West Virginia	44	44	44	44	44	222	443
Wisconsin	344	344	344	344	344	1,722	3,444
Wyoming	-12	-12	-12	-12	-12	-61	-123
Total, United States	0	0	0	0	0	0	0
Funding Gains	6,349	6,349	6,349	6,349	6,349	31,746	63,491
Funding Losses	-6,349	-6,349	-6,349	-6,349	-6,349	-31,746	-63,491

Source: PricewaterhouseCoopers calculations.

Note: An asterisk (*) denotes a positive shift of less than \$500. A negative asterisk (-*) denotes a negative shift of less than \$500.

Table F-8. Estimated Funding Effect of Census 2000 Undercount by State: Substance Abuse Prevention and Treatment Block Grant, FY 2003-2012 [Fiscal years; thousands of dollars]

State	2003	2004	2005	2006	2007	2003-2007	2003-2012
Alabama	107	109	111	113	116	556	1,173
Alaska	0	0	0	0	0	0	0
Arizona	-286	-292	-298	-305	-311	-1,492	-3,147
Arkansas	60	61	62	64	65	312	659
California	-4,225	-4,316	-4,407	-4,499	-4,594	-22,040	-46,496
Colorado	-147	-150	-153	-156	-159	-764	-1,612
Connecticut	228	233	238	243	248	1,189	2,508
Delaware	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	0	0	0
Florida	-208	-212	-217	-221	-226	-1,085	-2,288
Georgia	-110	-113	-115	-117	-120	-575	-1,212
Hawaii	-16	-16	-16	-17	-17	-81	-172
Idaho	-39	-40	-41	-42	-42	-204	-430
Illinois	715	731	746	762	778	3,731	7,871
Indiana	568	581	593	605	618	2,965	6,255
Iowa	239	244	249	254	260	1,246	2,629
Kansas	183	187	190	194	199	953	2,010
Kentucky	114	117	119	122	124	596	1,258
Louisiana	-10	-10	-10	-10	-11	-51	-107
Maine	0	0	0	0	0	0	0
Maryland	-123	-125	-128	-131	-133	-640	-1,350
Massachusetts	451	460	470	480	490	2,351	4,960
Michigan	831	848	866	884	903	4,332	9,139
Minnesota	403	412	420	429	438	2,103	4,436
Mississippi	22	23	23	24	24	116	245
Missouri	456	465	475	485	495	2,377	5,013
Montana	0	0	0	0	0	0	0
Nebraska	117	119	122	124	127	608	1,282
Nevada	-139	-142	-145	-148	-151	-725	-1,529
New Hampshire	0	0	0	0	0	0	0
New Jersey	632	646	659	673	687	3,298	6,958
New Mexico	-203	-207	-211	-216	-220	-1,058	-2,232
New York	-306	-312	-319	-326	-332	-1,595	-3,365
North Carolina	52	53	54	55	56	269	568
North Dakota	0	0	0	0	0	0	0
Ohio	941	961	981	1,002	1,023	4,906	10,350
Oklahoma	55	56	57	58	60	286	604
Oregon	-56	-57	-58	-60	-61	-292	-617
Pennsylvania	1,323	1,352	1,380	1,409	1,439	6,904	14,564
Rhode Island	0	0	0	0	0	0	0
South Carolina	14	14	15	15	15	74	156
South Dakota	0	0	0	0	0	0	0
Tennessee	108	110	112	114	117	561	1,183
Texas	-2,033	-2,077	-2,120	-2,165	-2,210	-10,605	-22,372
Utah	-21	-22	-22	-22	-23	-110	-232
Vermont	0	0	0	0	0	0	0
Virginia	-82	-84	-86	-88	-89	-429	-905
Washington	-88	-90	-92	-94	-96	-461	-972
West Virginia	64	65	66	68	69	332	700
Wisconsin	410	419	428	437	446	2,140	4,514
Wyoming	0	0	0	0	0	0	0
Total, United States	0	0	0	0	0	0	0
Funding Gains	8,091	8,265	8,438	8,616	8,796	42,206	89,038
Funding Losses	-8,091	-8,265	-8,438	-8,616	-8,796	-42,206	-89,038

Source: PricewaterhouseCoopers calculations.

Note: An asterisk (*) denotes a positive shift of less than \$500. A negative asterisk (-*) denotes a negative shift of less than \$500.

Table F-9. Estimated Funding Effect of Census 2000 Undercount by State: Vocational Education, FY 2002-2011 [Fiscal years; thousands of dollars]

State	2002	2003	2004	2005	2006	2002-2006	2002-2011
Alabama	0	0	0	0	0	0	0
Alaska	0	0	0	0	0	0	0
Arizona	80	81	83	85	87	416	877
Arkansas	0	0	0	0	0	0	0
California	-962	-983	-1,003	-1,024	-1,046	-5,019	-10,587
Colorado	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	0
Delaware	-2	-2	-2	-2	-2	-10	-20
District of Columbia	0	0	0	0	0	0	0
Florida	223	228	232	237	242	1,162	2,452
Georgia	0	0	0	0	0	0	0
Hawaii	0	0	0	0	0	0	0
Idaho	60	61	62	64	65	312	658
Illinois	0	0	0	0	0	0	0
Indiana	0	0	0	0	0	0	0
Iowa	0	0	0	0	0	0	0
Kansas	89	91	93	95	97	465	980
Kentucky	0	0	0	0	0	0	0
Louisiana	0	0	0	0	0	0	0
Maine	0	0	0	0	0	0	0
Maryland	0	0	0	0	0	0	0
Massachusetts	0	0	0	0	0	0	0
Michigan	342	350	357	365	372	1,786	3,768
Minnesota	0	0	0	0	0	0	0
Mississippi	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0
Montana	-30	-31	-32	-32	-33	-158	-334
Nebraska	0	0	0	0	0	0	0
Nevada	8	8	8	8	8	40	84
New Hampshire	0	0	0	0	0	0	0
New Jersey	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
New York	0	0	0	0	0	0	0
North Carolina	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0
Ohio	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0
Oregon	0	0	0	0	0	0	0
Pennsylvania	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0
South Carolina	0	0	0	0	0	0	0
South Dakota	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Texas	0	0	0	0	0	0	0
Utah	193	197	201	205	210	1,006	2,122
Vermont	0	0	0	0	0	0	0
Virginia	0	0	0	0	0	0	0
Washington	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0
Wisconsin	0	0	0	0	0	0	0
Wyoming	0	0	0	0	0	0	0
Total, United States	0	0	0	0	0	0	0
Funding Gains	994	1,016	1,037	1,059	1,081	5,186	10,941
Funding Losses	-994	-1,016	-1,037	-1,059	-1,081	-5,186	-10,941

Source: PricewaterhouseCoopers calculations.

Note: An asterisk (*) denotes a positive shift of less than \$500. A negative asterisk (-*) denotes a negative shift of less than \$500.

Appendix G: Estimated Funding Effect by Metropolitan Area

Appendix G. Estimated Funding Effect of Census 2000 Undercount by MSA: Eight Federal Grant Programs, FY 2002-2012

State, MSA	Between- State Effects (Thousands)	Within-State Effects (Thousands)	Net Effect	
			Amount (Thousands)	Percent ¹
Alabama				
Anniston, AL MSA	-60	1,731	1,671	0.2%
Auburn-Opelika, AL MSA	-53	-4,270	-4,323	-0.5%
Birmingham, AL MSA	-471	-9,700	-10,171	-0.1%
Columbus, GA-AL MSA (AL portion)	-26	-1,047	-1,073	-0.3%
Decatur, AL MSA	-74	3,907	3,833	0.3%
Dothan, AL MSA	-69	-1,032	-1,101	-0.1%
Florence, AL MSA	-71	4,418	4,347	0.4%
Gadsden, AL MSA	-54	4,213	4,159	0.5%
Huntsville, AL MSA	-180	3,643	3,463	0.1%
Mobile, AL MSA	-278	-11,398	-11,676	-0.3%
Montgomery, AL MSA	-167	-6	-173	0.0%
Tuscaloosa, AL MSA	-83	-2,273	-2,356	-0.2%
Alaska				
Anchorage, AK MSA	-9,361	-12,475	-21,836	-0.8%
Arizona				
Flagstaff, AZ-UT MSA (AZ portion)	-4,958	-20,751	-25,710	-3.5%
Las Vegas, NV-AZ MSA (AZ portion)	-5,900	6,176	276	0.0%
Phoenix-Mesa, AZ MSA	-130,089	86,364	-43,724	-0.2%
Tucson, AZ MSA	-34,160	5,258	-28,902	-0.6%
Yuma, AZ MSA	-5,733	-3,512	-9,245	-1.1%
Arkansas				
Fayetteville-Springdale-Rogers, AR MSA	411	161	572	0.0%
Fort Smith, AR-OK MSA (AR portion)	227	4,098	4,325	0.3%
Jonesboro, AR MSA	113	-77	36	0.0%
Little Rock-North Little Rock, AR MSA	802	-12,332	-11,530	-0.2%
Memphis, TN-AR-MS MSA (AR portion)	70	-4,279	-4,209	-1.0%
Pine Bluff, AR MSA	113	-801	-688	-0.1%
Texarkana, TX-Texarkana, AR MSA (AR portion)	57	8	64	0.0%
California				
Bakersfield, CA MSA	-98,450	-8,749	-107,199	-2.3%
Chico-Paradise, CA MSA	-29,361	4,042	-25,319	-1.8%
Fresno, CA MSA	-136,380	-72,873	-209,253	-3.2%
Los Angeles-Long Beach, CA PMSA	-1,413,905	-422,514	-1,836,419	-2.7%
Merced, CA MSA	-30,661	-19,404	-50,066	-3.4%
Modesto, CA MSA	-66,172	717	-65,455	-2.1%
Oakland, CA PMSA	-358,458	59,136	-299,321	-1.8%
Orange County, CA PMSA	-423,336	127,023	-296,314	-1.5%
Redding, CA MSA	-24,951	9,905	-15,046	-1.3%
Riverside-San Bernardino, CA PMSA	-489,213	47,745	-441,468	-1.9%
Sacramento, CA PMSA	-237,025	79,546	-157,478	-1.4%
Salinas, CA MSA	-55,729	-18,141	-73,870	-2.8%
San Diego, CA MSA	-429,818	58,002	-371,816	-1.8%
San Francisco, CA PMSA	-258,929	79,039	-179,890	-1.5%
San Jose, CA PMSA	-254,950	66,665	-188,284	-1.6%
San Luis Obispo-Atascadero-Paso Robles, CA MSA	-35,575	4,261	-31,314	-1.9%
Santa Barbara-Santa Maria-Lompoc, CA MSA	-59,321	-8,252	-67,572	-2.4%
Santa Cruz-Watsonville, CA PMSA	-36,960	1,485	-35,475	-2.0%
Santa Rosa, CA PMSA	-66,260	13,975	-52,285	-1.7%
Stockton-Lodi, CA MSA	-86,035	-13,632	-99,667	-2.4%
Vallejo-Fairfield-Napa, CA PMSA	-76,505	20,923	-55,582	-1.5%
Ventura, CA PMSA	-112,652	29,583	-83,069	-1.6%
Visalia-Tulare-Porterville, CA MSA	-55,382	-30,433	-85,816	-3.2%
Yolo, CA PMSA	-23,620	-8,029	-31,650	-2.8%
Yuba City, CA MSA	-21,143	-1,397	-22,540	-2.2%

Footnotes at end of table.

Appendix G. Estimated Funding Effect of Census 2000 Undercount by MSA, continued

State, MSA	Between- State Effects (Thousands)	Within-State Effects (Thousands)	Net Effect	
			Amount (Thousands)	Percent ¹
Colorado				
Boulder-Longmont, CO PMSA	-361	-3,379	-3,741	-0.3%
Colorado Springs, CO MSA	-674	-837	-1,511	-0.1%
Denver, CO PMSA	-2,644	27,645	25,002	0.3%
Fort Collins-Loveland, CO MSA	-316	-2,754	-3,070	-0.3%
Grand Junction, CO MSA	-153	446	293	0.1%
Greeley, CO PMSA	-215	-7,475	-7,690	-1.0%
Pueblo, CO MSA	-176	-571	-747	-0.1%
Connecticut				
Hartford, CT NECMA	2,114	-3,685	-1,571	0.0%
New Haven-Bridgeport-Stamford-Waterbury-Danbury, CT NECMA	3,119	9,383	12,502	0.1%
New London-Norwich, CT NECMA	464	-5,157	-4,692	-0.2%
Delaware				
Dover, DE MSA	-63	514	451	0.1%
Wilmington-Newark, DE-MD PMSA (DE portion)	-244	-2,472	-2,716	-0.1%
District of Columbia				
Washington, DC-MD-VA-WV PMSA (DC portion)	-2,058	0	-2,058	0.0%
Florida				
Daytona Beach, FL MSA	-16,236	19,553	3,317	0.1%
Fort Lauderdale, FL PMSA	-51,830	10,951	-40,879	-0.5%
Fort Myers-Cape Coral, FL MSA	-13,524	16,244	2,719	0.1%
Fort Pierce-Port St. Lucie, FL MSA	-10,135	10,496	361	0.0%
Fort Walton Beach, FL MSA	-5,810	3,122	-2,688	-0.3%
Gainesville, FL MSA	-6,682	-4,407	-11,089	-1.0%
Jacksonville, FL MSA	-35,665	1,895	-33,771	-0.6%
Lakeland-Winter Haven, FL MSA	-15,372	10,940	-4,432	-0.2%
Melbourne-Titusville-Palm Bay, FL MSA	-15,996	14,893	-1,102	0.0%
Miami, FL PMSA	-71,937	-229,714	-301,651	-2.5%
Naples, FL MSA ²	-7,039	650	-6,389	-0.6%
Ocala, FL MSA	-8,413	7,740	-674	0.0%
Orlando, FL MSA	-52,145	-7,013	-59,158	-0.7%
Panama City, FL MSA	-5,031	3,792	-1,239	-0.2%
Pensacola, FL MSA	-13,694	2,541	-11,153	-0.5%
Punta Gorda, FL MSA	-4,684	10,084	5,400	0.7%
Sarasota-Bradenton, FL MSA	-18,467	29,405	10,939	0.4%
Tallahassee, FL MSA	-8,814	-2,436	-11,250	-0.8%
Tampa-St. Petersburg-Clearwater, FL MSA	-76,265	55,832	-20,433	-0.2%
West Palm Beach-Boca Raton, FL MSA	-35,620	23,079	-12,541	-0.2%
Georgia				
Albany, GA MSA	-4,101	-926	-5,027	-0.8%
Athens, GA MSA	-4,843	-2,601	-7,444	-0.9%
Atlanta, GA MSA	-135,314	-22,185	-157,499	-0.7%
Augusta-Aiken, GA-SC MSA (GA portion)	-10,613	-4,019	-14,632	-0.8%
Chattanooga, TN-GA MSA (GA portion)	-4,564	6,069	1,505	0.2%
Columbus, GA-AL MSA (GA portion)	-7,568	-399	-7,967	-0.6%
Macon, GA MSA	-11,186	2,800	-8,386	-0.5%
Savannah, GA MSA	-10,025	4,618	-5,407	-0.3%
Hawaii				
Honolulu, HI MSA	-14,690	350	-14,340	-0.3%
Idaho				
Boise City, ID MSA	-9,545	4,060	-5,485	-0.2%
Pocatello, ID MSA	-1,743	494	-1,248	-0.3%

Footnotes at end of table.

Appendix G. Estimated Funding Effect of Census 2000 Undercount by MSA, continued

State, MSA	Between- State Effects (Thousands)	Within-State Effects (Thousands)	Net Effect	
			Amount (Thousands)	Percent ¹
Illinois				
Bloomington-Normal, IL MSA	391	2,975	3,366	0.3%
Champaign-Urbana, IL MSA	445	-5,054	-4,609	-0.4%
Chicago, IL PMSA	21,587	-146,539	-124,952	-0.2%
Davenport-Moline-Rock Island, IA-IL MSA (IL portion)	532	6,023	6,556	0.5%
Decatur, IL MSA	302	3,626	3,928	0.5%
Kankakee, IL PMSA	277	1,045	1,323	0.2%
Peoria-Pekin, IL MSA	927	12,379	13,306	0.6%
Rockford, IL MSA	973	11,927	12,901	0.5%
Springfield, IL MSA	555	8,686	9,241	0.7%
St. Louis, MO-IL MSA (IL portion)	1,630	8,515	10,145	0.2%
Indiana				
Bloomington, IN MSA	10,311	-3,810	6,500	1.0%
Cincinnati, OH-KY-IN PMSA (IN portion)	4,869	1,611	6,480	2.0%
Elkhart-Goshen, IN MSA	15,590	817	16,407	1.6%
Evansville-Henderson, IN-KY MSA (IN portion)	22,037	3,201	25,238	1.7%
Fort Wayne, IN MSA	43,049	4,199	47,249	1.7%
Gary, IN PMSA	54,886	-11,373	43,513	1.2%
Indianapolis, IN MSA	137,683	-29,183	108,500	1.2%
Kokomo, IN MSA	8,926	1,116	10,042	1.7%
Lafayette, IN MSA	15,459	-5,416	10,043	1.0%
Louisville, KY-IN MSA (IN portion)	20,254	2,054	22,308	1.7%
Muncie, IN MSA	10,274	-550	9,724	1.4%
South Bend, IN MSA	23,003	-1,388	21,615	1.4%
Terre Haute, IN MSA	13,177	1,575	14,751	1.7%
Iowa				
Cedar Rapids, IA MSA	18,391	1,409	19,800	1.6%
Davenport-Moline-Rock Island, IA-IL MSA (IA portion)	15,813	-4,779	11,033	1.0%
Des Moines, IA MSA	44,307	-6,359	37,948	1.3%
Dubuque, IA MSA	8,704	1,289	9,993	1.7%
Iowa City, IA MSA	10,337	-5,921	4,416	0.6%
Omaha, NE-IA MSA (IA portion)	8,566	118	8,683	1.5%
Sioux City, IA-NE MSA (IA portion)	10,104	-784	9,321	1.4%
Waterloo-Cedar Falls, IA MSA	11,938	-1,258	10,680	1.3%
Kansas				
Kansas City, MO-KS MSA (KS portion)	48,095	409	48,504	1.3%
Lawrence, KS MSA	6,588	-3,031	3,557	0.7%
Topeka, KS MSA	11,417	1,061	12,478	1.4%
Wichita, KS MSA	38,418	-6,564	31,854	1.1%
Kentucky				
Cincinnati, OH-KY-IN PMSA (KY portion)	4,782	4,286	9,068	0.2%
Clarksville-Hopkinsville, TN-KY MSA (KY portion)	956	-4,339	-3,383	-0.5%
Evansville-Henderson, IN-KY MSA (KY portion)	586	513	1,099	0.2%
Huntington-Ashland, WV-KY-OH MSA (KY portion)	1,485	5,119	6,604	0.6%
Lexington, KY MSA	6,020	-15,867	-9,847	-0.2%
Louisville, KY-IN MSA (KY portion)	10,235	-5,951	4,284	0.1%
Owensboro, KY MSA	1,204	2,398	3,603	0.4%
Louisiana				
Alexandria, LA MSA	-5,225	4,892	-334	0.0%
Baton Rouge, LA MSA	-24,459	-11,954	-36,413	-0.6%
Houma, LA MSA	-8,170	11,319	3,150	0.1%
Lafayette, LA MSA	-15,969	7,784	-8,184	-0.2%
Lake Charles, LA MSA	-7,629	10,932	3,303	0.2%
Monroe, LA MSA	-6,167	4,272	-1,895	-0.1%
New Orleans, LA MSA	-54,862	-42,253	-97,116	-0.7%
Shreveport-Bossier City, LA MSA	-15,801	-6,415	-22,216	-0.5%

Footnotes at end of table.

Appendix G. Estimated Funding Effect of Census 2000 Undercount by MSA, continued

State, MSA	Between- State Effects (Thousands)	Within-State Effects (Thousands)	Net Effect	
			Amount (Thousands)	Percent ¹
Maine				
Bangor, ME NECMA	17,293	-590	16,703	1.0%
Lewiston-Auburn, ME NECMA	12,275	-1,191	11,084	0.9%
Portland, ME NECMA	31,339	-3,919	27,420	0.9%
Maryland				
Baltimore, MD PMSA	-4,181	18,051	13,870	0.1%
Cumberland, MD-WV MSA (MD portion)	-117	4,365	4,247	1.0%
Hagerstown, MD PMSA	-214	5,728	5,514	0.7%
Washington, DC-MD-VA-WV PMSA (MD portion)	-3,407	-36,377	-39,785	-0.3%
Wilmington-Newark, DE-MD PMSA (MD portion)	-142	2,900	2,758	0.5%
Massachusetts				
Barnstable-Yarmouth, MA NECMA	762	-611	151	0.0%
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA (MA portion)	18,434	16,940	35,374	0.1%
Pittsfield, MA NECMA	468	-2,071	-1,603	-0.1%
Springfield, MA NECMA	2,101	-9,250	-7,149	-0.1%
Michigan				
Ann Arbor, MI PMSA	62,948	1,239	64,187	1.6%
Benton Harbor, MI MSA	17,965	-1,672	16,293	1.4%
Detroit, MI PMSA	509,426	-69,396	440,029	1.3%
Flint, MI PMSA	49,199	-9,219	39,980	1.2%
Grand Rapids-Muskegon-Holland, MI MSA	118,994	9,516	128,510	1.7%
Jackson, MI MSA	17,661	5,270	22,931	2.0%
Kalamazoo-Battle Creek, MI MSA	50,457	2,280	52,737	1.6%
Lansing-East Lansing, MI MSA	50,746	-12,122	38,624	1.2%
Saginaw-Bay City-Midland, MI MSA	45,062	6,329	51,391	1.7%
Minnesota				
Duluth-Superior, MN-WI MSA (MN portion)	26,572	4,707	31,280	2.5%
Fargo-Moorhead, ND-MN MSA (MN portion)	7,166	-324	6,842	2.0%
Grand Forks, ND-MN MSA (MN portion)	4,221	289	4,510	2.3%
La Crosse, WI-MN MSA (MN portion)	2,683	597	3,280	2.6%
Minneapolis-St. Paul, MN-WI MSA (MN portion)	389,726	-34,034	355,692	1.9%
Rochester, MN MSA	16,485	1,396	17,881	2.3%
St. Cloud, MN MSA	22,840	1,702	24,543	2.3%
Mississippi				
Biloxi-Gulfport-Pascagoula, MS MSA	-8,006	16,189	8,183	0.2%
Hattiesburg, MS MSA	-2,554	2,000	-554	0.0%
Jackson, MS MSA	-9,747	-14,486	-24,233	-0.5%
Memphis, TN-AR-MS MSA (MS portion)	-2,363	5,003	2,640	0.2%
Missouri				
Columbia, MO MSA	16,143	-7,017	9,125	0.8%
Joplin, MO MSA	18,465	4,863	23,328	1.8%
Kansas City, MO-KS MSA (MO portion)	130,319	-31,292	99,027	1.1%
Springfield, MO MSA	38,279	6,882	45,162	1.7%
St. Joseph, MO MSA	11,762	2,536	14,298	1.7%
St. Louis, MO-IL MSA (MO portion)	238,929	-32,516	206,412	1.2%
Montana				
Billings, MT MSA	-3,629	4,341	712	0.1%
Great Falls, MT MSA	-2,223	2,202	-21	0.0%
Missoula, MT MSA	-2,563	654	-1,908	-0.3%
Nebraska				
Lincoln, NE MSA	24,554	-26	24,528	1.3%
Omaha, NE-IA MSA (NE portion)	63,046	-12,459	50,587	1.0%
Sioux City, IA-NE MSA (NE portion)	1,921	45	1,967	1.3%
Nevada				
Las Vegas, NV-AZ MSA (NV portion)	-15,440	2,823	-12,617	-0.3%
Reno, NV MSA	-3,882	-818	-4,699	-0.4%

Footnotes at end of table.

Appendix G. Estimated Funding Effect of Census 2000 Undercount by MSA, continued

State, MSA	Between- State Effects (Thousands)	Within-State Effects (Thousands)	Net Effect	
			Amount (Thousands)	Percent ¹
New Hampshire				
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA (NH portion)	1,951	2,184	4,135	0.1%
New Jersey				
Atlantic-Cape May, NJ PMSA	1,001	-8,666	-7,665	-0.3%
Bergen-Passaic, NJ PMSA	3,967	23,056	27,023	0.3%
Jersey City, NJ PMSA	1,616	-112,231	-110,615	-2.6%
Middlesex-Somerset-Hunterdon, NJ PMSA	3,362	41,065	44,427	0.5%
Monmouth-Ocean, NJ PMSA	3,296	106,609	109,906	1.3%
Newark, NJ PMSA	5,768	-94,736	-88,969	-0.6%
Philadelphia, PA-NJ PMSA (NJ portion)	3,679	59,428	63,107	0.7%
Trenton, NJ PMSA	980	-8,391	-7,410	-0.3%
Vineland-Millville-Bridgeton, NJ PMSA	413	-6,134	-5,721	-0.5%
New Mexico				
Albuquerque, NM MSA	-62,389	41,879	-20,510	-0.3%
Las Cruces, NM MSA	-15,722	-1,958	-17,679	-1.1%
Santa Fe, NM MSA	-13,179	11,165	-2,014	-0.1%
New York				
Albany-Schenectady-Troy, NY MSA	-85	200,100	200,015	1.4%
Binghamton, NY MSA	-24	44,007	43,983	1.1%
Buffalo-Niagara Falls, NY MSA	-112	296,783	296,671	1.5%
Dutchess County, NY PMSA	-26	36,834	36,808	0.8%
Elmira, NY MSA	-9	18,121	18,113	1.2%
Glens Falls, NY MSA	-12	23,234	23,222	1.1%
Jamestown, NY MSA	-13	20,583	20,570	0.9%
Nassau-Suffolk, NY PMSA	-263	1,042,719	1,042,456	2.3%
New York, NY PMSA	-859	-2,259,813	-2,260,671	-1.5%
Newburgh, NY-PA PMSA (NY portion)	-33	34,048	34,015	0.6%
Rochester, NY MSA	-106	207,649	207,543	1.1%
Syracuse, NY MSA	-71	155,246	155,174	1.3%
Utica-Rome, NY MSA	-28	46,642	46,614	0.9%
North Carolina				
Asheville, NC MSA	-3,707	10,221	6,514	0.3%
Charlotte-Gastonia-Rock Hill, NC-SC MSA (NC portion)	-21,614	-6,246	-27,860	-0.2%
Fayetteville, NC MSA	-4,705	-7,382	-12,087	-0.5%
Goldsboro, NC MSA	-1,922	-1,317	-3,239	-0.3%
Greensboro--Winston-Salem--High Point, NC MSA	-20,242	30,849	10,607	0.1%
Greenville, NC MSA	-2,221	-6,089	-8,311	-0.7%
Hickory-Morganton-Lenoir, NC MSA	-5,587	13,497	7,910	0.3%
Jacksonville, NC MSA	-2,302	-3,902	-6,204	-0.5%
Norfolk-Virginia Beach-Newport News, VA-NC MSA (NC portion)	-322	422	100	0.1%
Raleigh-Durham-Chapel Hill, NC MSA	-19,185	-31,264	-50,449	-0.5%
Rocky Mount, NC MSA	-2,537	-4,069	-6,606	-0.5%
Wilmington, NC MSA	-3,916	4,481	565	0.0%
North Dakota				
Bismarck, ND MSA	5,857	3,820	9,678	1.3%
Fargo-Moorhead, ND-MN MSA (ND portion)	7,560	1,473	9,032	0.9%
Grand Forks, ND-MN MSA (ND portion)	4,155	-1,386	2,769	0.5%

Footnotes at end of table.

Appendix G. Estimated Funding Effect of Census 2000 Undercount by MSA, continued

State, MSA	Between- State Effects (Thousands)	Within-State Effects (Thousands)	Net Effect	
			Amount (Thousands)	Percent ¹
Ohio				
Akron, OH PMSA	76,450	-5,041	71,410	1.3%
Canton-Massillon, OH MSA	44,344	12,044	56,388	1.8%
Cincinnati, OH-KY-IN PMSA (OH portion)	134,174	-26,583	107,591	1.1%
Cleveland-Lorain-Elyria, OH PMSA	244,344	-27,318	217,026	1.2%
Columbus, OH MSA	164,815	-48,153	116,662	1.0%
Dayton-Springfield, OH MSA	103,983	-13,986	89,997	1.2%
Hamilton-Middletown, OH PMSA	37,369	5,297	42,665	1.6%
Huntington-Ashland, WV-KY-OH MSA (OH portion)	7,140	2,761	9,902	1.9%
Lima, OH MSA	16,919	4,088	21,007	1.7%
Mansfield, OH MSA	19,170	5,880	25,050	1.8%
Parkersburg-Marietta, WV-OH MSA (OH portion)	6,991	3,134	10,125	2.0%
Steubenville-Weirton, OH-WV MSA (OH portion)	8,035	3,180	11,215	2.0%
Toledo, OH MSA	66,761	-10,941	55,821	1.2%
Wheeling, WV-OH MSA (OH portion)	7,546	3,695	11,240	2.1%
Youngstown-Warren, OH MSA	64,655	11,654	76,309	1.6%
Oklahoma				
Enid, OK MSA	-236	1,003	767	0.2%
Fort Smith, AR-OK MSA (OK portion)	-162	743	581	0.2%
Lawton, OK MSA	-478	-1,776	-2,253	-0.3%
Oklahoma City, OK MSA	-4,424	-17,859	-22,283	-0.3%
Tulsa, OK MSA	-3,319	-1,983	-5,302	-0.1%
Oregon				
Corvallis, OR MSA	-1,323	-6,883	-8,206	-1.5%
Eugene-Springfield, OR MSA	-5,363	-6,256	-11,619	-0.5%
Medford-Ashland, OR MSA	-2,992	-1,068	-4,060	-0.3%
Portland-Vancouver, OR-WA PMSA (OR portion)	-25,747	37,090	11,343	0.1%
Salem, OR PMSA	-5,671	-8,889	-14,560	-0.6%
Pennsylvania				
Allentown-Bethlehem-Easton, PA MSA	119,409	24,477	143,886	2.7%
Altoona, PA MSA	25,083	-32	25,051	2.3%
Erie, PA MSA	53,178	-6,123	47,056	2.0%
Harrisburg-Lebanon-Carlisle, PA MSA	119,802	-6,469	113,333	2.1%
Johnstown, PA MSA	45,180	-3,076	42,103	2.1%
Lancaster, PA MSA	89,235	-21,366	67,869	1.7%
Newburgh, NY-PA PMSA (PA portion)	8,392	-1,393	6,999	1.9%
Philadelphia, PA-NJ PMSA (PA portion)	715,191	-36,962	678,230	2.1%
Pittsburgh, PA MSA	449,222	93,248	542,470	2.7%
Reading, PA MSA	69,254	-9,388	59,866	1.9%
Scranton--Wilkes-Barre--Hazleton, PA MSA	117,097	41,646	158,743	3.1%
Sharon, PA MSA	23,490	-1,417	22,072	2.1%
State College, PA MSA	25,878	-13,777	12,101	1.0%
Williamsport, PA MSA	22,465	-2,639	19,827	2.0%
York, PA MSA	73,373	-4,784	68,589	2.1%
Rhode Island				
Providence-Warwick-Pawtucket, RI NECMA	228,223	6,270	234,493	2.3%
South Carolina				
Augusta-Aiken, GA-SC MSA (SC portion)	-3,291	961	-2,330	-0.2%
Charleston-North Charleston, SC MSA	-11,429	-24,155	-35,584	-0.7%
Charlotte-Gastonia-Rock Hill, NC-SC MSA (SC portion)	-3,348	5,046	1,698	0.1%
Columbia, SC MSA	-10,985	-8,245	-19,230	-0.4%
Florence, SC MSA	-2,666	-268	-2,935	-0.3%
Greenville-Spartanburg-Anderson, SC MSA	-19,633	32,212	12,579	0.1%
Myrtle Beach, SC MSA	-3,819	4,449	630	0.0%
Sumter, SC MSA	-2,262	-2,425	-4,687	-0.5%

Footnotes at end of table.

Appendix G. Estimated Funding Effect of Census 2000 Undercount by MSA, continued

State, MSA	Between- State Effects (Thousands)	Within-State Effects (Thousands)	Net Effect	
			Amount (Thousands)	Percent ¹
South Dakota				
Rapid City, SD MSA	3,792	2,242	6,034	0.9%
Sioux Falls, SD MSA	7,263	9,110	16,373	1.3%
Tennessee				
Chattanooga, TN-GA MSA (TN portion)	-940	-131	-1,070	0.0%
Clarksville-Hopkinsville, TN-KY MSA (TN portion)	-387	-3,100	-3,487	-0.3%
Jackson, TN MSA	-299	-206	-505	-0.1%
Johnson City-Kingsport-Bristol, TN-VA MSA (TN portion)	-1,104	19,833	18,729	0.5%
Knoxville, TN MSA	-1,971	15,483	13,512	0.2%
Memphis, TN-AR-MS MSA (TN portion)	-2,767	-80,437	-83,204	-0.9%
Nashville, TN MSA	-3,491	-9,480	-12,972	-0.1%
Texas				
Abilene, TX MSA	-11,519	7,043	-4,476	-0.6%
Amarillo, TX MSA	-20,123	14,949	-5,174	-0.4%
Austin-San Marcos, TX MSA	-110,469	-27,515	-137,984	-1.8%
Beaumont-Port Arthur, TX MSA	-35,934	30,945	-4,989	-0.2%
Brazoria, TX PMSA	-22,577	12,862	-9,715	-0.6%
Brownsville-Harlingen-San Benito, TX MSA	-30,906	-7,444	-38,350	-1.8%
Bryan-College Station, TX MSA	-12,784	-3,921	-16,705	-1.9%
Corpus Christi, TX MSA	-36,357	-21,345	-57,702	-2.2%
Dallas, TX PMSA	-315,799	16,954	-298,844	-1.3%
El Paso, TX MSA	-66,121	-67,398	-133,519	-2.8%
Fort Worth-Arlington, TX PMSA	-155,606	40,333	-115,273	-1.1%
Galveston-Texas City, TX PMSA	-23,750	14,519	-9,232	-0.6%
Houston, TX PMSA	-382,019	-106,279	-488,298	-1.8%
Killeen-Temple, TX MSA	-29,502	10,456	-19,045	-0.9%
Laredo, TX MSA	-18,189	-982	-19,171	-1.5%
Longview-Marshall, TX MSA	-20,219	14,856	-5,364	-0.4%
Lubbock, TX MSA	-21,575	5,635	-15,940	-1.1%
McAllen-Edinburg-Mission, TX MSA	-50,315	-48,871	-99,185	-2.8%
Odessa-Midland, TX MSA	-23,346	15,898	-7,448	-0.5%
San Angelo, TX MSA	-9,679	5,407	-4,271	-0.6%
San Antonio, TX MSA	-146,377	-80,043	-226,421	-2.2%
Sherman-Denison, TX MSA	-9,947	9,040	-908	-0.1%
Texarkana, TX-Texarkana, AR MSA (TX portion)	-7,976	6,960	-1,017	-0.2%
Tyler, TX MSA	-16,425	10,266	-6,159	-0.5%
Victoria, TX MSA	-7,859	2,246	-5,612	-1.0%
Waco, TX MSA	-19,500	8,964	-10,536	-0.8%
Wichita Falls, TX MSA	-13,126	10,782	-2,343	-0.3%
Utah				
Flagstaff, AZ-UT MSA (UT portion)	2	98	100	0.3%
Provo-Orem, UT MSA	129	-18,641	-18,512	-1.0%
Salt Lake City-Ogden, UT MSA	478	36,094	36,571	0.5%
Vermont				
Burlington, VT NECMA	14,722	3,202	17,923	0.8%
Virginia				
Charlottesville, VA MSA	-3,923	-1,398	-5,321	-0.8%
Danville, VA MSA	-2,745	1,097	-1,648	-0.4%
Johnson City-Kingsport-Bristol, TN-VA MSA (VA portion)	-2,286	2,824	538	0.1%
Lynchburg, VA MSA	-5,386	4,304	-1,082	-0.1%
Norfolk-Virginia Beach-Newport News, VA-NC MSA (VA portion)	-39,365	-29,681	-69,046	-1.1%
Richmond-Petersburg, VA MSA	-24,929	3,649	-21,280	-0.5%
Roanoke, VA MSA	-5,817	7,058	1,241	0.1%
Washington, DC-MD-VA-WV PMSA (VA portion)	-53,979	-5,670	-59,649	-0.7%

Footnotes at end of table.

Appendix G. Estimated Funding Effect of Census 2000 Undercount by MSA, continued

State, MSA	Between- State Effects (Thousands)	Within-State Effects (Thousands)	Net Effect	
			Amount (Thousands)	Percent ¹
Washington				
Bellingham, WA MSA	-3,502	-6,195	-9,696	-0.9%
Bremerton, WA PMSA	-5,179	-2,129	-7,307	-0.4%
Olympia, WA PMSA	-4,533	-938	-5,471	-0.4%
Portland-Vancouver, OR-WA PMSA (WA portion)	-7,503	13,897	6,394	0.3%
Richland-Kennewick-Pasco, WA MSA	-4,011	-9,358	-13,369	-1.0%
Seattle-Bellevue-Everett, WA PMSA	-50,550	52,671	2,121	0.0%
Spokane, WA MSA	-8,956	17,914	8,958	0.3%
Tacoma, WA PMSA	-14,776	-287	-15,063	-0.3%
Yakima, WA MSA	-4,679	-25,978	-30,657	-2.0%
West Virginia				
Charleston, WV MSA	7,679	3,567	11,246	0.4%
Cumberland, MD-WV MSA (WV portion)	808	784	1,592	0.5%
Huntington-Ashland, WV-KY-OH MSA (WV portion)	4,101	213	4,315	0.3%
Parkersburg-Marietta, WV-OH MSA (WV portion)	2,621	2,455	5,076	0.5%
Steubenville-Weirton, OH-WV MSA (WV portion)	1,796	2,004	3,800	0.5%
Washington, DC-MD-VA-WV PMSA (WV portion)	3,533	-3,661	-129	0.0%
Wheeling, WV-OH MSA (WV portion)	2,499	2,199	4,698	0.5%
Wisconsin				
Appleton-Oshkosh-Neenah, WI MSA	32,305	6,436	38,741	1.7%
Duluth-Superior, MN-WI MSA (WI portion)	3,973	1,465	5,438	1.9%
Eau Claire, WI MSA	13,364	2,011	15,375	1.6%
Green Bay, WI MSA	20,264	3,029	23,293	1.6%
Janesville-Beloit, WI MSA	14,144	1,836	15,979	1.6%
Kenosha, WI PMSA	13,622	440	14,062	1.4%
La Crosse, WI-MN MSA (WI portion)	9,554	2	9,556	1.4%
Madison, WI MSA	40,547	-7,805	32,742	1.1%
Milwaukee-Waukesha, WI PMSA	136,216	-59,662	76,554	0.8%
Minneapolis-St. Paul, MN-WI MSA (WI portion)	8,938	2,746	11,684	1.8%
Racine, WI PMSA	17,435	-2,051	15,384	1.2%
Sheboygan, WI MSA	10,271	1,745	12,016	1.6%
Wausau, WI MSA	11,513	3,193	14,705	1.8%
Wyoming				
Casper, WY MSA	-1,600	1,535	-66	0.0%
Cheyenne, WY MSA	-2,039	593	-1,446	-0.3%

Source: PricewaterhouseCoopers calculations.

¹ Net Effect as a percent of the adjusted funding level under the eight programs over 2002-2012.

² Naples, Florida (Collier County) successfully protested its official census count from 1990. Figures used in this report represent the original figures.

Appendix H: Estimated Funding Effect by Center County

Appendix H. Estimated Funding Effect of Census 2000 Undercount by County containing Central Cities of MSAs: Eight Federal Grant Programs, FY 2002-2012

State, County	Central City in County (in whole or part)	Between-State	Within-State	Net Effect	
		Effects (Thousands)	Effects (Thousands)	Amount (Thousands)	Percent ¹
Alabama					
Calhoun County	Anniston, AL	-60	1,731	1,671	0.2%
Dale County	Dothan (part), AL	-25	-1,401	-1,426	-0.4%
Etowah County	Gadsden, AL	-54	4,213	4,159	0.5%
Houston County	Dothan (part), AL	-44	369	325	0.0%
Jefferson County	Birmingham (part), AL	-335	-16,848	-17,183	-0.3%
Lauderdale County	Florence, AL	-44	2,856	2,812	0.4%
Lee County	Auburn, AL; Opelika, AL	-53	-4,270	-4,323	-0.5%
Limestone County	Huntsville (part), AL	-33	1,675	1,642	0.3%
Madison County	Huntsville (part), AL	-147	1,968	1,821	0.1%
Mobile County	Mobile, AL	-205	-14,479	-14,685	-0.5%
Montgomery County	Montgomery, AL	-111	-2,278	-2,389	-0.1%
Morgan County	Decatur (part), AL	-57	3,455	3,398	0.4%
Shelby County	Birmingham (part), AL	-78	2,373	2,295	0.2%
Tuscaloosa County	Tuscaloosa, AL	-83	-2,273	-2,356	-0.2%
Alaska					
Anchorage Borough	Anchorage, AK	-9,361	-12,475	-21,836	-0.8%
Arizona					
Coconino County	Flagstaff, AZ	-4,958	-20,751	-25,710	-3.5%
Maricopa County	Mesa, AZ; Phoenix, AZ; Scottsdale, AZ; Tempe, AZ	-123,645	92,775	-30,870	-0.2%
Pima County	Tucson, AZ	-34,160	5,258	-28,902	-0.6%
Yuma County	Yuma, AZ	-5,733	-3,512	-9,245	-1.1%
Arkansas					
Benton County	Rogers, AR; Springdale (part), AR	205	2,958	3,163	0.3%
Craighead County	Jonesboro, AR	113	-77	36	0.0%
Crittenden County	West Memphis, AR	70	-4,279	-4,209	-1.0%
Faulkner County	Conway, AR	119	-131	-12	0.0%
Jefferson County	Pine Bluff, AR	113	-801	-688	-0.1%
Miller County	Texarkana, AR	57	8	64	0.0%
Pulaski County	Jacksonville, AR; Little Rock, AR; North Little Rock, AR	492	-15,794	-15,302	-0.5%
Sebastian County	Fort Smith, AR	152	2,350	2,502	0.3%
Washington County	Fayetteville, AR; Springdale (part), AR	206	-2,797	-2,591	-0.2%
California					
Alameda County	Alameda, CA; Berkeley, CA; Oakland, CA	-215,962	-16,681	-232,643	-2.3%
Butte County	Chico, CA; Paradise, CA	-29,361	4,042	-25,319	-1.8%
Fresno County	Fresno, CA	-117,967	-63,304	-181,270	-3.2%
Kern County	Bakersfield, CA	-98,450	-8,749	-107,199	-2.3%
Los Angeles County	Lancaster, CA; Long Beach, CA; Los Angeles, CA; Pasadena, CA	-1,413,905	-422,514	-1,836,419	-2.7%
Madera County	Madera, CA	-18,413	-9,570	-27,983	-3.2%
Merced County	Merced, CA	-30,661	-19,404	-50,066	-3.4%
Monterey County	Monterey, CA; Salinas, CA	-55,729	-18,141	-73,870	-2.8%
Napa County	Napa, CA	-18,125	4,166	-13,959	-1.6%
Orange County	Anaheim, CA; Irvine, CA; Santa Ana, CA	-423,336	127,023	-296,314	-1.5%
Riverside County	Hemet, CA; Palm Desert, CA; Palm Springs, CA; Riverside, CA; Temecula, CA	-234,751	28,200	-206,551	-1.9%
Sacramento County	Sacramento, CA	-175,772	42,881	-132,891	-1.6%
San Bernardino County	San Bernardino, CA	-254,462	19,545	-234,917	-1.9%
San Diego County	Coronado, CA; Escondido, CA; San Diego, CA	-429,818	58,002	-371,816	-1.8%
San Francisco County	San Francisco, CA	-115,175	1,715	-113,461	-2.1%
San Joaquin County	Lodi, CA; Stockton, CA	-86,035	-13,632	-99,667	-2.4%
San Luis Obispo County	Atascadero, CA; El Paso de Robles (Paso Robles), CA; San Luis Obispo, CA	-35,575	4,261	-31,314	-1.9%
Santa Barbara County	Lompoc, CA; Santa Barbara, CA; Santa Maria, CA	-59,321	-8,252	-67,572	-2.4%
Santa Clara County	Gilroy, CA; Palo Alto, CA; San Jose, CA; Santa Clara, CA; Sunnyvale, CA	-254,950	66,665	-188,284	-1.6%
Santa Cruz County	Santa Cruz, CA; Watsonville, CA	-36,960	1,485	-35,475	-2.0%
Shasta County	Redding, CA	-24,951	9,905	-15,046	-1.3%
Solano County	Fairfield, CA; Vallejo, CA	-58,380	16,757	-41,623	-1.5%
Sonoma County	Petaluma, CA; Santa Rosa, CA	-66,260	13,975	-52,285	-1.7%
Stanislaus County	Modesto, CA; Turlock, CA	-66,172	717	-65,455	-2.1%
Sutter County	Yuba City, CA	-12,083	391	-11,692	-2.0%
Tulare County	Porterville, CA; Tulare, CA; Visalia, CA	-55,382	-30,433	-85,816	-3.2%
Ventura County	San Buenaventura (Ventura), CA	-112,652	29,583	-83,069	-1.6%
Yolo County	Davis, CA; Woodland, CA	-23,620	-8,029	-31,650	-2.8%

Footnotes appear at end of table.

Appendix H. Estimated Funding Effect of Census 2000 Undercount by County containing Central Cities of MSAs, continued

State, County	Central City in County (in whole or part)	Between-State	Within-State	Net Effect	
		Effects	Effects	Amount	Percent ¹
		(Thousands)	(Thousands)	(Thousands)	
Colorado					
Boulder County	Boulder, CO; Longmont, CO	-361	-3,379	-3,741	-0.3%
Denver County	Denver, CO	-661	-22,795	-23,456	-1.0%
El Paso County	Colorado Springs, CO	-674	-837	-1,511	-0.1%
Larimer County	Fort Collins, CO; Loveland, CO	-316	-2,754	-3,070	-0.3%
Mesa County	Grand Junction, CO	-153	446	293	0.1%
Pueblo County	Pueblo, CO	-176	-571	-747	-0.1%
Weld County	Greeley, CO	-215	-7,475	-7,690	-1.0%
Connecticut					
Fairfield County	Bridgeport city, CT; Danbury city, CT; Norwalk city, CT; Stamford city, CT	1,606	11	1,617	0.0%
Hartford County	Hartford city, CT	1,572	-9,685	-8,112	-0.1%
Middlesex County	Middletown city, CT	289	4,212	4,501	0.3%
New Haven County	Meriden city, CT; New Haven city, CT; Waterbury city, CT	1,512	9,372	10,885	0.2%
New London County	New London city, CT; Norwich city, CT	464	-5,157	-4,692	-0.2%
Delaware					
Kent County	Dover, DE	-63	514	451	0.1%
New Castle County	Newark, DE; Wilmington, DE	-244	-2,472	-2,716	-0.1%
District of Columbia					
District of Columbia	Washington, DC	-2,058	0	-2,058	0.0%
Florida					
Alachua County	Gainesville, FL	-6,682	-4,407	-11,089	-1.0%
Bay County	Panama City, FL	-5,031	3,792	-1,239	-0.2%
Brevard County	Melbourne, FL; Palm Bay, FL; Titusville, FL	-15,996	14,893	-1,102	0.0%
Broward County	Fort Lauderdale, FL	-51,830	10,951	-40,879	-0.5%
Charlotte County	Punta Gorda, FL	-4,684	10,084	5,400	0.7%
Collier County ²	Naples, FL	-7,039	650	-6,389	-0.6%
Duval County	Jacksonville, FL	-24,712	-6,980	-31,692	-0.8%
Escambia County	Pensacola, FL	-9,447	-1,003	-10,450	-0.7%
Hillsborough County	Tampa, FL	-31,294	-21,819	-53,114	-1.0%
Lee County	Cape Coral, FL; Fort Myers, FL	-13,524	16,244	2,719	0.1%
Leon County	Tallahassee, FL	-7,351	-557	-7,908	-0.7%
Manatee County	Bradenton, FL	-8,181	7,450	-731	-0.1%
Marion County	Ocala, FL	-8,413	7,740	-674	0.0%
Miami-Dade County	Miami, FL; Miami Beach, FL	-71,937	-229,714	-301,651	-2.5%
Okaloosa County	Fort Walton Beach, FL	-5,810	3,122	-2,688	-0.3%
Orange County	Orlando, FL	-27,647	-21,116	-48,763	-1.1%
Palm Beach County	Boca Raton, FL; West Palm Beach, FL	-35,620	23,079	-12,541	-0.2%
Pinellas County	Clearwater, FL; St Petersburg, FL	-29,288	48,583	19,295	0.4%
Polk County	Lakeland, FL; Winter Haven, FL	-15,372	10,940	-4,432	-0.2%
Sarasota County	Sarasota, FL	-10,286	21,955	11,669	0.7%
St. Lucie County	Fort Pierce, FL; Port St Lucie, FL	-6,165	4,888	-1,277	-0.1%
Volusia County	Daytona Beach, FL	-14,465	17,051	2,586	0.1%
Georgia					
Bibb County	Macon (part), GA	-5,401	1,321	-4,080	-0.5%
Chatham County	Savannah, GA	-7,769	3,486	-4,283	-0.3%
Clarke County	Athens-Clarke County, GA	-3,103	-4,035	-7,139	-1.4%
DeKalb County	Atlanta (part), GA	-20,417	-25,432	-45,850	-1.4%
Dougherty County	Albany, GA	-3,252	-1,226	-4,478	-0.8%
Fulton County	Atlanta (part), GA	-25,950	-41,089	-67,039	-1.6%
Jones County	Macon (part), GA	-812	514	-297	-0.2%
Muscogee County	Columbus, GA	-6,215	-219	-6,434	-0.6%
Richmond County	Augusta-Richmond, GA	-6,503	-6,285	-12,788	-1.2%
Hawaii					
Honolulu County	Honolulu, HI	-14,690	350	-14,340	-0.3%
Idaho					
Ada County	Boise City, ID	-6,664	7,897	1,232	0.1%
Bannock County	Pocatello (part), ID	-1,743	494	-1,248	-0.3%
Canyon County	Nampa, ID	-2,881	-3,837	-6,718	-0.9%

Footnotes appear at end of table.

Appendix H. Estimated Funding Effect of Census 2000 Undercount by County containing Central Cities of MSAs, continued

State, County	Central City in County (in whole or part)	Between-State	Within-State	Net Effect	
		Effects	Effects	Amount	Percent ¹
		(Thousands)	(Thousands)	(Thousands)	
Illinois					
Champaign County	Champaign, IL; Urbana, IL	445	-5,054	-4,609	-0.4%
Cook County	Chicago (part), IL; Elgin, IL; Evanston, IL	13,918	-232,921	-219,003	-0.6%
DeKalb County	DeKalb, IL	229	-1,068	-839	-0.1%
DuPage County	Chicago (part), IL; Aurora, IL	2,420	38,631	41,052	0.7%
Kane County	Elgin, IL; Aurora, IL	1,098	-187	911	0.0%
Kankakee County	Kankakee, IL	277	1,045	1,323	0.2%
Lake County	North Chicago, IL	1,679	16,535	18,214	0.4%
Macon County	Decatur, IL	302	3,626	3,928	0.5%
Madison County	Alton, IL; Granite City, IL	701	9,695	10,396	0.6%
McLean County	Bloomington, IL; Normal, IL	391	2,975	3,366	0.3%
Peoria County	Pekin (part), IL; Peoria, IL	485	2,975	3,460	0.3%
Rock Island County	Moline, IL; Rock Island, IL	394	3,213	3,607	0.4%
Sangamon County	Springfield, IL	521	7,850	8,371	0.6%
St. Clair County	Belleville, IL; East St Louis, IL	702	-6,664	-5,963	-0.3%
Tazewell County	Pekin (part), IL	346	7,170	7,516	0.9%
Will County	Joliet, IL	1,305	15,644	16,950	0.5%
Winnebago County	Rockford, IL	726	8,196	8,922	0.5%
Indiana					
Allen County	Fort Wayne, IN	28,016	-289	27,727	1.5%
Delaware County	Muncie, IN	10,274	-550	9,724	1.4%
Elkhart County	Elkhart, IN; Goshen, IN	15,590	817	16,407	1.6%
Floyd County	New Albany, IN	6,544	319	6,862	1.6%
Howard County	Kokomo, IN	7,432	674	8,106	1.7%
Lake County	East Chicago, IN; Gary, IN	41,645	-13,603	28,042	1.0%
Madison County	Anderson, IN	11,630	1,341	12,971	1.7%
Marion County	Indianapolis, IN	72,056	-43,923	28,133	0.6%
Monroe County	Bloomington, IN	10,311	-3,810	6,500	1.0%
St. Joseph County	South Bend, IN	23,003	-1,388	21,615	1.4%
Tippecanoe County	Lafayette, IN	12,472	-6,074	6,398	0.8%
Vanderburgh County	Evansville, IN	14,945	820	15,765	1.6%
Vigo County	Terre Haute, IN	9,272	101	9,373	1.5%
Iowa					
Black Hawk County	Cedar Falls, IA; Waterloo, IA	11,938	-1,258	10,680	1.3%
Dubuque County	Dubuque, IA	8,704	1,289	9,993	1.7%
Johnson County	Iowa City, IA	10,337	-5,921	4,416	0.6%
Linn County	Cedar Rapids, IA	18,391	1,409	19,800	1.6%
Polk County	Des Moines, IA	36,398	-7,797	28,601	1.2%
Pottawattamie County	Council Bluffs, IA	8,566	118	8,683	1.5%
Scott County	Davenport, IA	15,813	-4,779	11,033	1.0%
Woodbury County	Sioux City, IA	10,104	-784	9,321	1.4%
Kansas					
Douglas County	Lawrence, KS	6,588	-3,031	3,557	0.7%
Johnson County	Olathe, KS	30,705	4,725	35,431	1.5%
Leavenworth County	Leavenworth, KS	5,032	343	5,375	1.4%
Sedgwick County	Wichita, KS	31,577	-8,530	23,047	0.9%
Shawnee County	Topeka, KS	11,417	1,061	12,478	1.4%
Wyandotte County	Kansas City, KS	10,484	-5,544	4,941	0.6%
Kentucky					
Boyd County	Ashland, KY	643	2,455	3,097	0.6%
Christian County	Hopkinsville, KY	956	-4,339	-3,383	-0.5%
Daviess County	Owensboro, KY	1,204	2,398	3,603	0.4%
Fayette County	Lexington-Fayette, KY	3,206	-9,868	-6,662	-0.3%
Henderson County	Henderson, KY	586	513	1,099	0.2%
Jefferson County	Louisville, KY	8,794	-10,257	-1,463	0.0%

Footnotes appear at end of table.

Appendix H. Estimated Funding Effect of Census 2000 Undercount by County containing Central Cities of MSAs, continued

State, County	Central City in County (in whole or part)	Between-State	Within-State	Net Effect	
		Effects (Thousands)	Effects (Thousands)	Amount (Thousands)	Percent ¹
Louisiana					
Bossier Parish	Shreveport (part), LA; Bossier City, LA	-3,969	-626	-4,595	-0.4%
Caddo Parish	Shreveport (part), LA	-10,046	-7,910	-17,957	-0.7%
Calcasieu Parish	Lake Charles, LA	-7,629	10,932	3,303	0.2%
East Baton Rouge Parish	Baton Rouge, LA	-16,590	-21,755	-38,345	-0.9%
Lafayette Parish	Lafayette, LA	-8,001	3,637	-4,364	-0.2%
Orleans Parish	New Orleans, LA	-19,140	-64,675	-83,815	-1.6%
Ouachita Parish	Monroe, LA	-6,167	4,272	-1,895	-0.1%
Rapides Parish	Alexandria, LA	-5,225	4,892	-334	0.0%
St. Tammany Parish	Slidell, LA	-8,378	13,118	4,740	0.2%
Terrebonne Parish	Houma, LA	-4,423	6,145	1,722	0.1%
Maine					
Androscoggin County	Auburn city, ME; Lewiston city, ME	12,275	-1,191	11,084	0.9%
Cumberland County	Portland city, ME	31,339	-3,919	27,420	0.9%
Penobscot County	Bangor city, ME	17,293	-590	16,703	1.0%
Maryland					
Allegany County	Cumberland, MD	-117	4,365	4,247	1.0%
Anne Arundel County	Annapolis, MD	-814	13,433	12,619	0.4%
Baltimore city	Baltimore, MD	-1,035	-46,056	-47,091	-1.2%
Frederick County	Frederick, MD	-328	6,874	6,546	0.5%
Washington County	Hagerstown, MD	-214	5,728	5,514	0.7%
Massachusetts					
Barnstable County	Barnstable city, MA; Yarmouth town, MA	762	-611	151	0.0%
Berkshire County	Pittsfield city, MA	468	-2,071	-1,603	-0.1%
Bristol County	Attleboro city, MA; Fall River city, MA; New Bedford city, MA	1,856	-1,905	-49	0.0%
Essex County	Gloucester city, MA; Lawrence city, MA; Lynn city, MA	2,528	15,745	18,273	0.3%
Hampden County	Holyoke city, MA; Springfield city, MA; Westfield city, MA	1,566	-4,137	-2,571	-0.1%
Hampshire County	Northampton city, MA	535	-5,113	-4,578	-0.3%
Middlesex County	Cambridge city, MA; Lowell city, MA; Waltham city, MA	5,111	55,473	60,584	0.4%
Plymouth County	Brockton city, MA	1,696	16,958	18,654	0.4%
Suffolk County	Boston city, MA	2,295	-156,352	-154,058	-2.4%
Worcester County	Fitchburg city, MA; Leominster city, MA; Worcester city, MA	2,636	-110	2,526	0.0%
Michigan					
Allegan County	Holland (part), MI	11,667	3,845	15,512	2.0%
Bay County	Midland (part), MI; Bay City, MI	12,236	4,588	16,823	2.1%
Calhoun County	Battle Creek, MI	15,941	1,863	17,805	1.7%
Eaton County	Lansing (part), MI	11,531	2,113	13,644	1.8%
Genesee County	Flint, MI	49,199	-9,219	39,980	1.2%
Ingham County	Lansing (part), MI; East Lansing, MI	31,985	-17,497	14,489	0.7%
Jackson County	Jackson, MI	17,661	5,270	22,931	2.0%
Kalamazoo County	Kalamazoo, MI	25,891	-365	25,526	1.5%
Kent County	Grand Rapids, MI	62,291	-2,424	59,867	1.5%
Midland County	Midland (part), MI	9,311	3,563	12,875	2.1%
Muskegon County	Muskegon, MI	18,932	2,404	21,337	1.7%
Oakland County	Pontiac, MI	134,286	23,334	157,620	1.8%
Ottawa County	Holland (part), MI	26,103	5,691	31,794	1.9%
Saginaw County	Saginaw, MI	23,515	-1,822	21,693	1.4%
St. Clair County	Port Huron, MI	18,250	6,630	24,880	2.1%
Washtenaw County	Ann Arbor, MI	34,503	-10,850	23,652	1.0%
Wayne County	Detroit, MI; Dearborn, MI	240,277	-142,597	97,680	0.6%
Minnesota					
Benton County	St Cloud (part), MN	4,851	849	5,700	2.5%
Clay County	Moorhead, MN	7,166	-324	6,842	2.0%
Hennepin County	Minneapolis, MN	147,936	-37,335	110,601	1.6%
Olmsted County	Rochester, MN	16,485	1,396	17,881	2.3%
Ramsey County	St Paul, MN	67,308	-21,585	45,723	1.4%
St. Louis County	Duluth, MN	26,572	4,707	31,280	2.5%
Stearns County	St Cloud (part), MN	17,989	854	18,843	2.2%

Footnotes appear at end of table.

Appendix H. Estimated Funding Effect of Census 2000 Undercount by County containing Central Cities of MSAs, continued

State, County	Central City in County (in whole or part)	Between-State	Within-State	Net Effect	
		Effects (Thousands)	Effects (Thousands)	Amount (Thousands)	Percent ¹
Mississippi					
Forrest County	Hattiesburg (part), MS	-1,688	75	-1,613	-0.2%
Harrison County	Biloxi, MS; Gulfport, MS	-4,036	4,842	805	0.0%
Hinds County	Jackson (part), MS	-5,421	-17,898	-23,319	-0.9%
Jackson County	Pascagoula, MS	-3,013	7,547	4,533	0.3%
Lamar County	Hattiesburg (part), MS	-866	1,925	1,059	0.3%
Madison County	Jackson (part), MS	-1,736	-2,399	-4,135	-0.5%
Rankin County	Jackson (part), MS	-2,589	5,810	3,220	0.3%
Missouri					
Boone County	Columbia, MO	16,143	-7,017	9,125	0.8%
Buchanan County	St Joseph, MO	9,851	1,747	11,599	1.7%
Cass County	Kansas City (part), MO	10,314	2,250	12,564	1.7%
Christian County	Springfield (part), MO	6,548	2,513	9,060	2.0%
Clay County	Kansas City (part), MO	22,037	678	22,715	1.5%
Greene County	Springfield (part), MO	28,026	2,843	30,869	1.6%
Jackson County	Kansas City (part), MO	79,783	-36,813	42,970	0.8%
Jasper County	Joplin (part), MO	12,354	2,844	15,198	1.7%
Newton County	Joplin (part), MO	6,111	2,019	8,130	1.9%
Platte County	Kansas City (part), MO	8,875	-916	7,958	1.3%
St. Charles County	St Charles, MO	34,974	4,983	39,957	1.6%
St. Louis city	St Louis, MO	39,403	-47,672	-8,268	-0.3%
Montana					
Cascade County	Great Falls, MT	-2,223	2,202	-21	0.0%
Missoula County	Missoula, MT	-2,563	654	-1,908	-0.3%
Yellowstone County	Billings, MT	-3,629	4,341	712	0.1%
Nebraska					
Douglas County	Omaha, NE	45,779	-9,396	36,383	1.0%
Lancaster County	Lincoln, NE	24,554	-26	24,528	1.3%
Nevada					
Clark County	Las Vegas, NV	-15,055	2,768	-12,287	-0.3%
Washoe County	Reno, NV	-3,882	-818	-4,699	-0.4%
New Hampshire					
Hillsborough County	Manchester city, NH; Nashua city, NH	952	-471	481	0.0%
Rockingham County	Portsmouth city, NH	716	2,405	3,120	0.2%
Strafford County	Rochester city, NH	283	251	534	0.1%
New Jersey					
Atlantic County	Atlantic City, NJ	710	-9,931	-9,221	-0.5%
Camden County	Camden, NJ	1,488	14,949	16,437	0.4%
Cumberland County	Bridgeton, NJ; Millville, NJ; Vineland, NJ	413	-6,134	-5,721	-0.5%
Essex County	Newark, NJ	2,192	-133,833	-131,641	-2.3%
Hudson County	Bayonne, NJ; Jersey City, NJ	1,616	-112,231	-110,615	-2.6%
Mercer County	Trenton, NJ	980	-8,391	-7,410	-0.3%
Morris County	Dover, NJ	1,378	42,477	43,854	1.3%
New Mexico					
Bernalillo County	Albuquerque, NM	-47,734	39,267	-8,467	-0.2%
Dona Ana County	Las Cruces, NM	-15,722	-1,958	-17,679	-1.1%
Santa Fe County	Santa Fe, NM	-11,515	7,872	-3,643	-0.3%

Footnotes appear at end of table.

Appendix H. Estimated Funding Effect of Census 2000 Undercount by County containing Central Cities of MSAs, continued

State, County	Central City in County (in whole or part)	Between-State	Within-State	Net Effect	
		Effects (Thousands)	Effects (Thousands)	Amount (Thousands)	Percent ¹
New York					
Albany County	Albany, NY	-29	57,996	57,968	1.2%
Bronx County	Borough of the Bronx, NY	-118	-760,810	-760,928	-3.5%
Broome County	Binghamton, NY	-19	32,535	32,516	1.0%
Cayuga County	Auburn, NY	-8	14,196	14,188	1.0%
Chautauqua County	Jamestown, NY	-13	20,583	20,570	0.9%
Chemung County	Elmira, NY	-9	18,121	18,113	1.2%
Dutchess County	Poughkeepsie, NY	-26	36,834	36,808	0.8%
Erie County	Buffalo, NY	-90	233,948	233,857	1.5%
Kings County	Borough of Brooklyn, NY	-223	-963,599	-963,822	-2.4%
Monroe County	Rochester, NY	-70	151,187	151,117	1.2%
New York County	Borough of Manhattan, NY	-154	-643,618	-643,772	-2.3%
Niagara County	Niagara Falls, NY	-21	62,835	62,814	1.7%
Oneida County	Rome, NY; Utica, NY	-22	34,048	34,026	0.9%
Onondaga County	Syracuse, NY	-44	111,357	111,313	1.4%
Orange County	Newburgh, NY	-33	34,048	34,015	0.6%
Queens County	Borough of Queens, NY	-197	-251,426	-251,623	-0.7%
Rensselaer County	Troy, NY	-15	31,804	31,790	1.2%
Richmond County	Borough of Staten Island, NY	-40	110,132	110,091	1.6%
Saratoga County	Saratoga Springs, NY	-20	49,095	49,075	1.4%
Schenectady County	Schenectady, NY	-14	52,339	52,324	2.2%
Warren County	Glens Falls, NY	-6	11,656	11,650	1.1%
North Carolina					
Alamance County	Burlington, NC	-2,068	4,613	2,545	0.2%
Buncombe County	Asheville, NC	-3,382	9,916	6,534	0.4%
Burke County	Hickory (part), NC; Morganton, NC	-1,428	3,396	1,967	0.3%
Cabarrus County	Concord, NC; Kannapolis, NC	-2,131	6,591	4,460	0.4%
Caldwell County	Lenoir, NC	-1,313	3,144	1,831	0.3%
Catawba County	Hickory (part), NC	-2,300	5,460	3,160	0.3%
Cumberland County	Fayetteville, NC	-4,705	-7,382	-12,087	-0.5%
Davidson County	High Point (part), NC	-2,455	5,380	2,925	0.2%
Durham County	Chapel Hill (part), NC; Durham (part), NC	-3,492	-5,003	-8,495	-0.5%
Edgecombe County	Rocky Mount (part), NC	-932	-2,800	-3,732	-0.8%
Forsyth County	Winston-Salem, NC; High Point, NC	-4,955	5,703	748	0.0%
Gaston County	Gastonia, NC	-3,158	5,211	2,052	0.1%
Guilford County	Greensboro, NC; High Point, NC	-6,718	3,981	-2,737	-0.1%
Mecklenburg County	Charlotte, NC	-11,137	-25,618	-36,755	-0.6%
Nash County	Rocky Mount (part), NC	-1,604	-1,270	-2,874	-0.3%
New Hanover County	Wilmington, NC	-2,671	2,552	-119	0.0%
Onslow County	Jacksonville, NC	-2,302	-3,902	-6,204	-0.5%
Orange County	Chapel Hill (part), NC; Durham (part), NC	-1,914	-6,741	-8,655	-0.8%
Pitt County	Greenville, NC	-2,221	-6,089	-8,311	-0.7%
Randolph County	High Point (part), NC	-2,116	5,609	3,493	0.3%
Rowan County	Kannapolis, NC	-2,191	3,992	1,801	0.2%
Wake County	Raleigh, NC	-10,271	-17,608	-27,879	-0.5%
Wayne County	Goldsboro, NC	-1,922	-1,317	-3,239	-0.3%
North Dakota					
Burleigh County	Bismarck, ND	4,303	2,435	6,738	1.2%
Cass County	Fargo, ND	7,560	1,473	9,032	0.9%
Grand Forks County	Grand Forks, ND	4,155	-1,386	2,769	0.5%

Footnotes appear at end of table.

Appendix H. Estimated Funding Effect of Census 2000 Undercount by County containing Central Cities of MSAs, continued

State, County	Central City in County (in whole or part)	Between-State	Within-State	Net Effect	
		Effects (Thousands)	Effects (Thousands)	Amount (Thousands)	Percent ¹
Ohio					
Allen County	Lima, OH	11,681	1,816	13,497	1.6%
Butler County	Hamilton, OH; Middletown, OH	37,369	5,297	42,665	1.6%
Clark County	Springfield, OH	15,884	2,791	18,676	1.6%
Cuyahoga County	Cleveland, OH	150,531	-53,106	97,426	0.9%
Fairfield County	Columbus (part), OH; Lancaster, OH	14,220	6,144	20,364	2.0%
Franklin County	Columbus (part), OH; Springfield, OR	113,653	-67,859	45,795	0.6%
Greene County	Fairborn, OH	16,356	-268	16,088	1.4%
Hamilton County	Cincinnati, OH	92,437	-39,368	53,069	0.8%
Jefferson County	Steubenville, OH	8,035	3,180	11,215	2.0%
Licking County	Newark, OH	15,252	5,698	20,949	1.9%
Lorain County	Elyria, OH; Lorain, OH	31,206	1,638	32,844	1.5%
Lucas County	Toledo, OH	48,796	-13,466	35,330	1.0%
Mahoning County	Youngstown (part), OH	27,715	671	28,387	1.4%
Montgomery County	Dayton, OH	60,833	-20,468	40,366	0.9%
Portage County	Kent, OH	16,834	-244	16,590	1.4%
Richland County	Mansfield, OH	14,005	3,782	17,787	1.8%
Stark County	Canton, OH; Massillon, OH	41,078	10,480	51,558	1.8%
Summit County	Akron, OH	59,616	-4,796	54,820	1.3%
Trumbull County	Youngstown (part), OH; Warren, OH	24,618	5,407	30,024	1.7%
Washington County	Marietta, OH	6,991	3,134	10,125	2.0%
Wood County	Bowling Green, OH	13,279	1,221	14,500	1.5%
Oklahoma					
Canadian County	Oklahoma City (part), OK	-367	2,092	1,725	0.3%
Cleveland County	Oklahoma City (part), OK; Norman, OK	-866	-3,303	-4,169	-0.3%
Comanche County	Lawton, OK	-478	-1,776	-2,253	-0.3%
Garfield County	Enid, OK	-236	1,003	767	0.2%
McClain County	Oklahoma City (part), OK	-113	524	412	0.2%
Oklahoma County	Oklahoma City (part), OK	-2,683	-19,048	-21,731	-0.5%
Osage County	Tulsa (part), OK	-182	-3,828	-4,010	-1.4%
Pottawatomie County	Oklahoma City (part), OK; Shawnee, OK	-264	1,482	1,218	0.3%
Rogers County	Tulsa (part), OK	-299	2,552	2,253	0.5%
Tulsa County	Tulsa (part), OK	-2,312	-4,303	-6,615	-0.2%
Oregon					
Benton County	Corvallis, OR	-1,323	-6,883	-8,206	-1.5%
Clackamas County	Portland (part), OR	-5,821	19,775	13,954	0.6%
Jackson County	Ashland, OR; Medford, OR	-2,992	-1,068	-4,060	-0.3%
Lane County	Eugene, OR; Springfield, OR	-5,363	-6,256	-11,619	-0.5%
Marion County	Salem (part), OR	-4,597	-7,845	-12,443	-0.7%
Multnomah County	Portland (part), OR	-10,697	5,540	-5,157	-0.1%
Polk County	Salem (part), OR	-1,073	-1,044	-2,117	-0.5%
Washington County	Portland (part), OR	-7,027	13,615	6,588	0.2%
Pennsylvania					
Allegheny County	Pittsburgh, PA	241,206	59,908	301,114	2.8%
Berks County	Reading, PA	69,254	-9,388	59,866	1.9%
Blair County	Altoona, PA	25,083	-32	25,051	2.3%
Cambria County	Johnstown, PA	29,670	-1,639	28,031	2.1%
Centre County	State College, PA	25,878	-13,777	12,101	1.0%
Cumberland County	Carlisle, PA	40,726	6,632	47,357	2.6%
Dauphin County	Harrisburg, PA	47,697	-8,781	38,917	1.8%
Erie County	Erie, PA	53,178	-6,123	47,056	2.0%
Lackawanna County	Scranton, PA	39,536	20,699	60,235	3.5%
Lancaster County	Lancaster, PA	89,235	-21,366	67,869	1.7%
Lebanon County	Lebanon, PA	22,706	-3,257	19,450	1.9%
Lehigh County	Allentown, PA; Bethlehem, PA	57,832	16,417	74,249	2.9%
Luzerne County	Wilkes-Barre, PA	59,564	24,182	83,746	3.2%
Lycoming County	Williamsport, PA	22,465	-2,639	19,827	2.0%
Mercer County	Sharon, PA	23,490	-1,417	22,072	2.1%
Northampton County	Bethlehem, PA	50,188	7,440	57,628	2.6%
Philadelphia County	Philadelphia, PA	271,875	-178,965	92,910	0.8%
York County	York, PA	73,373	-4,784	68,589	2.1%
Rhode Island					
Kent County	Warwick city, RI	40,618	26,311	66,929	3.8%
Providence County	Pawtucket city, RI; Providence city, RI; Woonsocket city, RI	144,316	-19,502	124,814	1.9%

Footnotes appear at end of table.

Appendix H. Estimated Funding Effect of Census 2000 Undercount by County containing Central Cities of MSAs, continued

State, County	Central City in County (in whole or part)	Between-State	Within-State	Net Effect	
		Effects (Thousands)	Effects (Thousands)	Amount (Thousands)	Percent ¹
South Carolina					
Aiken County	Aiken, SC	-2,865	1,342	-1,522	-0.1%
Anderson County	Anderson, SC	-3,446	9,458	6,012	0.4%
Berkeley County	North Charleston (part), SC	-2,869	-6,569	-9,438	-0.8%
Charleston County	Charleston, SC; North Charleston, SC	-6,702	-16,243	-22,945	-0.8%
Dorchester County	North Charleston (part), SC	-1,858	-1,343	-3,201	-0.4%
Florence County	Florence, SC	-2,666	-268	-2,935	-0.3%
Greenville County	Greenville, SC	-7,555	12,419	4,864	0.1%
Horry County	Myrtle Beach, SC	-3,819	4,449	630	0.0%
Richland County	Columbia, SC	-6,488	-16,592	-23,080	-0.8%
Spartanburg County	Spartanburg, SC	-5,273	8,639	3,366	0.1%
Sumter County	Sumter, SC	-2,262	-2,425	-4,687	-0.5%
York County	Rock Hill, SC	-3,348	5,046	1,698	0.1%
South Dakota					
Lincoln County	Sioux Falls (part), SD	935	1,634	2,569	1.6%
Minnehaha County	Sioux Falls (part), SD	6,328	7,476	13,804	1.3%
Pennington County	Rapid City, SD	3,792	2,242	6,034	0.9%
Tennessee					
Anderson County	Oak Ridge (part), TN	-209	2,739	2,531	0.4%
Carter County	Johnson City (part), TN	-157	3,396	3,240	0.6%
Davidson County	Nashville-Davidson, TN	-1,559	-25,789	-27,348	-0.5%
Hamilton County	Chattanooga, TN	-860	-1,448	-2,308	-0.1%
Hawkins County	Kingsport, TN	-149	2,859	2,710	0.5%
Knox County	Knoxville, TN	-1,088	1,792	704	0.0%
Madison County	Jackson, TN	-254	-412	-666	-0.1%
Montgomery County	Clarksville, TN	-387	-3,100	-3,487	-0.3%
Rutherford County	Murfreesboro, TN	-522	-1,309	-1,831	-0.1%
Shelby County	Memphis, TN	-2,530	-75,973	-78,503	-0.9%
Sullivan County	Johnson City (part), TN; Kingsport, TN; Bristol, TN	-443	9,402	8,958	0.6%
Washington County	Johnson City (part), TN	-305	3,253	2,948	0.3%
Texas					
Archer County	Wichita Falls (part), TX	-800	649	-151	-0.3%
Bell County	Killeen, TX; Temple, TX	-21,800	6,447	-15,353	-1.0%
Bexar County	San Antonio, TX	-127,868	-88,647	-216,515	-2.4%
Bowie County	Texarkana, TX	-7,976	6,960	-1,017	-0.2%
Brazos County	Bryan, TX; College Station, TX	-12,784	-3,921	-16,705	-1.9%
Caldwell County	San Marcos (part), TX	-3,160	-792	-3,952	-1.8%
Cameron County	Brownsville, TX; Harlingen, TX; San Benito, TX	-30,906	-7,444	-38,350	-1.8%
Chambers County	Baytown, TX	-2,343	1,175	-1,168	-0.7%
Collin County	Dallas (part), TX	-45,514	30,150	-15,364	-0.5%
Comal County	New Braunfels (part), TX	-7,474	6,327	-1,147	-0.2%
Dallas County	Dallas (part), TX; Irving, TX	-196,613	-59,269	-255,883	-1.8%
Denton County	Dallas (part), TX; Denton, TX	-39,323	19,833	-19,490	-0.7%
Ector County	Odessa (part), TX	-11,836	7,810	-4,025	-0.5%
El Paso County	El Paso, TX	-66,121	-67,398	-133,519	-2.8%
Fort Bend County	Houston (part), TX	-34,623	12,755	-21,868	-0.9%
Galveston County	Galveston, TX; Texas City, TX	-23,750	14,519	-9,232	-0.6%
Grayson County	Denison, TX; Sherman, TX	-9,947	9,040	-908	-0.1%
Gregg County	Longview (part), TX	-10,956	7,848	-3,108	-0.4%
Guadalupe County	New Braunfels (part), TX	-7,886	1,877	-6,009	-1.1%
Harris County	Houston (part), TX; Baytown, TX	-307,564	-145,462	-453,026	-2.1%
Harrison County	Longview (part), TX; Marshall, TX	-5,738	3,992	-1,746	-0.4%
Hays County	San Marcos (part), TX	-8,874	-1,393	-10,266	-1.6%
Hidalgo County	Edinburg, TX; McAllen, TX; Mission, TX	-50,315	-48,871	-99,185	-2.8%
Jefferson County	Beaumont, TX; Port Arthur, TX	-22,939	17,610	-5,329	-0.3%
Kaufman County	Dallas (part), TX	-6,583	5,496	-1,087	-0.2%
Lubbock County	Lubbock, TX	-21,575	5,635	-15,940	-1.1%
McLennan County	Waco, TX	-19,500	8,964	-10,536	-0.8%
Midland County	Odessa (part), TX; Midland (part), TX	-11,510	8,087	-3,423	-0.4%
Montgomery County	Houston (part), TX; Conroe, TX	-28,321	19,437	-8,884	-0.5%
Nueces County	Corpus Christi (part), TX	-29,491	-18,966	-48,456	-2.3%
Potter County	Amarillo (part), TX	-10,448	5,977	-4,471	-0.6%
Randall County	Amarillo (part), TX	-9,675	8,972	-703	-0.1%
Rockwall County	Dallas (part), TX	-3,851	3,236	-615	-0.2%
San Patricio County	Corpus Christi (part), TX	-6,867	-2,379	-9,245	-1.9%

Footnotes appear at end of table.

Appendix H. Estimated Funding Effect of Census 2000 Undercount by County containing Central Cities of MSAs, continued

State, County	Central City in County (in whole or part)	Between-State	Within-State	Net Effect	
		Effects (Thousands)	Effects (Thousands)	Amount (Thousands)	Percent ¹
Texas, cont.					
Smith County	Tyler, TX	-16,425	10,266	-6,159	-0.5%
Tarrant County	Fort Worth, TX; Arlington, TX	-131,901	18,733	-113,168	-1.2%
Taylor County	Abilene (part), TX	-11,519	7,043	-4,476	-0.6%
Tom Green County	San Angelo, TX	-9,679	5,407	-4,271	-0.6%
Travis County	Austin (part), TX	-69,743	-38,740	-108,483	-2.2%
Victoria County	Victoria, TX	-7,859	2,246	-5,612	-1.0%
Webb County	Laredo, TX	-18,189	-982	-19,171	-1.5%
Wichita County	Wichita Falls (part), TX	-12,326	10,134	-2,192	-0.3%
Williamson County	Austin (part), TX	-23,626	10,161	-13,465	-0.8%
Utah					
Davis County	Clearfield, UT	89	8,480	8,569	0.7%
Salt Lake County	Salt Lake City, UT	320	22,738	23,058	0.5%
Utah County	Orem, UT; Provo, UT	129	-18,641	-18,512	-1.0%
Weber County	Ogden, UT	69	4,876	4,945	0.5%
Vermont					
Chittenden County	Burlington city, VT	10,868	2,349	13,217	0.8%
Virginia					
Arlington County	Arlington, VA	-4,509	-8,517	-13,026	-1.7%
Bristol city	Bristol, VA	-439	569	129	0.2%
Charlottesville city	Charlottesville, VA	-956	-1,014	-1,970	-1.2%
Danville city	Danville, VA	-1,276	689	-587	-0.3%
Fredericksburg city	Fredericksburg, VA	-567	-526	-1,093	-1.2%
Hampton city	Hampton, VA	-3,490	-4,095	-7,585	-1.3%
Lynchburg city	Lynchburg, VA	-1,659	513	-1,146	-0.4%
Newport News city	Newport News, VA	-4,568	-7,677	-12,245	-1.6%
Norfolk city	Norfolk, VA	-5,196	-8,810	-14,005	-1.6%
Petersburg city	Petersburg, VA	-863	-10	-873	-0.6%
Portsmouth city	Portsmouth, VA	-2,477	-3,378	-5,855	-1.4%
Richmond city	Richmond, VA	-4,856	-7,352	-12,208	-1.5%
Roanoke city	Roanoke, VA	-2,364	1,460	-904	-0.2%
Suffolk city	Suffolk, VA	-1,664	-1,217	-2,881	-1.1%
Virginia Beach city	Virginia Beach, VA	-11,217	-4,554	-15,771	-0.9%
Washington					
Benton County	Kennewick, WA; Richland, WA	-3,010	-3,664	-6,674	-0.7%
Clark County	Vancouver, WA	-7,503	13,897	6,394	0.3%
Franklin County	Pasco, WA	-1,001	-5,694	-6,695	-2.1%
King County	Bellevue, WA; Seattle, WA	-35,791	28,976	-6,815	-0.1%
Kitsap County	Bremerton, WA	-5,179	-2,129	-7,307	-0.4%
Pierce County	Tacoma, WA	-14,776	-287	-15,063	-0.3%
Snohomish County	Everett, WA	-13,213	25,113	11,900	0.3%
Spokane County	Spokane, WA	-8,956	17,914	8,958	0.3%
Thurston County	Olympia, WA	-4,533	-938	-5,471	-0.4%
Whatcom County	Bellingham, WA	-3,502	-6,195	-9,696	-0.9%
Yakima County	Yakima, WA	-4,679	-25,978	-30,657	-2.0%
West Virginia					
Brooke County	Weirton (part), WV	779	730	1,509	0.5%
Cabell County	Huntington (part), WV	2,832	-507	2,325	0.2%
Hancock County	Weirton (part), WV	1,018	1,274	2,291	0.6%
Kanawha County	Charleston, WV	6,064	1,234	7,298	0.3%
Marshall County	Wheeling, WV	1,058	1,407	2,465	0.6%
Wayne County	Huntington (part), WV	1,270	720	1,990	0.4%
Wood County	Parkersburg, WV	2,621	2,455	5,076	0.5%

Footnotes appear at end of table.

Appendix H. Estimated Funding Effect of Census 2000 Undercount by County containing Central Cities of MSAs, continued

State, County	Central City in County (in whole or part)	Between-State	Within-State	Net Effect	
		Effects	Effects	Amount	Percent ¹
		(Thousands)	(Thousands)	(Thousands)	
Wisconsin					
Brown County	Green Bay, WI	20,264	3,029	23,293	1.6%
Calumet County	Appleton (part), WI	3,614	1,609	5,224	2.0%
Chippewa County	Eau Claire (part), WI	5,050	2,080	7,130	2.0%
Dane County	Madison, WI	40,547	-7,805	32,742	1.1%
Douglas County	Superior, WI	3,973	1,465	5,438	1.9%
Eau Claire County	Eau Claire (part), WI	8,314	-69	8,245	1.4%
Kenosha County	Kenosha, WI	13,622	440	14,062	1.4%
La Crosse County	La Crosse, WI	9,554	2	9,556	1.4%
Marathon County	Wausau, WI	11,513	3,193	14,705	1.8%
Milwaukee County	Milwaukee (part), WI	84,186	-77,653	6,532	0.1%
Outagamie County	Appleton (part), WI	14,721	2,163	16,883	1.6%
Racine County	Racine, WI	17,435	-2,051	15,384	1.2%
Rock County	Beloit, WI; Janesville, WI	14,144	1,836	15,979	1.6%
Sheboygan County	Sheboygan, WI	10,271	1,745	12,016	1.6%
Washington County	Milwaukee (part), WI	10,887	4,368	15,255	2.0%
Waukesha County	Milwaukee (part), WI; Waukesha, WI	33,518	11,315	44,833	1.9%
Winnebago County	Appleton (part), WI; Neenah, WI; Oshkosh, WI	13,970	2,664	16,634	1.7%
Wyoming					
Laramie County	Cheyenne, WY	-2,039	593	-1,446	-0.3%
Natrona County	Casper, WY	-1,600	1,535	-66	0.0%

Source: PricewaterhouseCoopers calculations.

¹ Net Effect as a percent of the adjusted funding level under the eight programs over 2002-2012.

² Naples, Florida (Collier County) successfully protested its official census count from 1990. Figures used in this report represent the original figures.

Appendix I: Metropolitan Areas with Center Counties and Central Cities

Appendix I. Metropolitan Areas with Center Counties and Central Cities

State, MSA	Center County	Central City in County (in whole or part)
Alabama		
Anniston, AL MSA	Calhoun County	Anniston, AL
Dothan, AL MSA	Dale County	Dothan (part), AL
Gadsden, AL MSA	Etowah County	Gadsden, AL
Dothan, AL MSA	Houston County	Dothan (part), AL
Birmingham, AL MSA	Jefferson County	Birmingham (part), AL
Florence, AL MSA	Lauderdale County	Florence, AL
Auburn-Opelika, AL MSA	Lee County	Auburn, AL; Opelika, AL
Huntsville, AL MSA	Limestone County	Huntsville (part), AL
Huntsville, AL MSA	Madison County	Huntsville (part), AL
Mobile, AL MSA	Mobile County	Mobile, AL
Montgomery, AL MSA	Montgomery County	Montgomery, AL
Decatur, AL MSA	Morgan County	Decatur (part), AL
Birmingham, AL MSA	Shelby County	Birmingham (part), AL
Tuscaloosa, AL MSA	Tuscaloosa County	Tuscaloosa, AL
Alaska		
Anchorage, AK MSA	Anchorage Borough	Anchorage, AK
Arizona		
Flagstaff, AZ-UT MSA	Coconino County	Flagstaff, AZ
Phoenix-Mesa, AZ MSA	Maricopa County	Mesa, AZ; Phoenix, AZ; Scottsdale, AZ; Tempe, AZ
Tucson, AZ MSA	Pima County	Tucson, AZ
Yuma, AZ MSA	Yuma County	Yuma, AZ
Arkansas		
Fayetteville-Springdale-Rogers, AR MSA	Benton County	Rogers, AR; Springdale (part), AR
Jonesboro, AR MSA	Craighead County	Jonesboro, AR
Memphis, TN-AR-MS MSA	Crittenden County	West Memphis, AR
Little Rock-North Little Rock, AR MSA	Faulkner County	Conway, AR
Pine Bluff, AR MSA	Jefferson County	Pine Bluff, AR
Texarkana, TX-Texarkana, AR MSA	Miller County	Texarkana, AR
Little Rock-North Little Rock, AR MSA	Pulaski County	Jacksonville, AR; Little Rock, AR; North Little Rock, AR
Fort Smith, AR-OK MSA	Sebastian County	Fort Smith, AR
Fayetteville-Springdale-Rogers, AR MSA	Washington County	Fayetteville, AR; Springdale (part), AR
California		
Oakland, CA PMSA	Alameda County	Alameda, CA; Berkeley, CA; Oakland, CA
Chico-Paradise, CA MSA	Butte County	Chico, CA; Paradise, CA
Fresno, CA MSA	Fresno County	Fresno, CA
Bakersfield, CA MSA	Kern County	Bakersfield, CA
Los Angeles-Long Beach, CA PMSA	Los Angeles County	Lancaster, CA; Long Beach, CA; Los Angeles, CA; Pasadena, CA
Fresno, CA MSA	Madera County	Madera, CA
Merced, CA MSA	Merced County	Merced, CA
Salinas, CA MSA	Monterey County	Monterey, CA; Salinas, CA
Vallejo-Fairfield-Napa, CA PMSA	Napa County	Napa, CA
Orange County, CA PMSA	Orange County	Anaheim, CA; Irvine, CA; Santa Ana, CA

Appendix I. MSAs with Center Counties and Central Cities, continued

State, MSA	Center County	Central City in County (in whole or part)
California, continued		
Riverside-San Bernardino, CA PMSA	Riverside County	Hemet, CA; Palm Desert, CA; Palm Springs, CA; Riverside, CA; Temecula, CA
Sacramento, CA PMSA	Sacramento County	Sacramento, CA
Riverside-San Bernardino, CA PMSA	San Bernardino County	San Bernardino, CA
San Diego, CA MSA	San Diego County	Coronado, CA; Escondido, CA; San Diego, CA
San Francisco, CA PMSA	San Francisco County	San Francisco, CA
Stockton-Lodi, CA MSA	San Joaquin County	Lodi, CA; Stockton, CA
San Luis Obispo-Atascadero-Paso Robles, CA MSA	San Luis Obispo County	Atascadero, CA; El Paso de Robles (Paso Robles), CA; San Luis Obispo, CA
Santa Barbara-Santa Maria-Lompoc, CA MSA	Santa Barbara County	Lompoc, CA; Santa Barbara, CA; Santa Maria, CA
San Jose, CA PMSA	Santa Clara County	Gilroy, CA; Palo Alto, CA; San Jose, CA; Santa Clara, CA; Sunnyvale, CA
Santa Cruz-Watsonville, CA PMSA	Santa Cruz County	Santa Cruz, CA; Watsonville, CA
Redding, CA MSA	Shasta County	Redding, CA
Vallejo-Fairfield-Napa, CA PMSA	Solano County	Fairfield, CA; Vallejo, CA
Santa Rosa, CA PMSA	Sonoma County	Petaluma, CA; Santa Rosa, CA
Modesto, CA MSA	Stanislaus County	Modesto, CA; Turlock, CA
Yuba City, CA MSA	Sutter County	Yuba City, CA
Visalia-Tulare-Porterville, CA MSA	Tulare County	Porterville, CA; Tulare, CA; Visalia, CA
Ventura, CA PMSA	Ventura County	San Buenaventura (Ventura), CA
Yolo, CA PMSA	Yolo County	Davis, CA; Woodland, CA
Colorado		
Boulder-Longmont, CO PMSA	Boulder County	Boulder, CO; Longmont, CO
Denver, CO PMSA	Denver County	Denver, CO
Colorado Springs, CO MSA	El Paso County	Colorado Springs, CO
Fort Collins-Loveland, CO MSA	Larimer County	Fort Collins, CO; Loveland, CO
Grand Junction, CO MSA	Mesa County	Grand Junction, CO
Pueblo, CO MSA	Pueblo County	Pueblo, CO
Greeley, CO PMSA	Weld County	Greeley, CO
Connecticut		
New Haven-Bridgeport-Stamford-Waterbury-Danbury, CT NECMA	Fairfield County	Bridgeport city, CT; Danbury city, CT; Norwalk city, CT; Stamford city, CT
Hartford, CT NECMA	Hartford County	Hartford city, CT
Hartford, CT NECMA	Middlesex County	Middletown city, CT
New Haven-Bridgeport-Stamford-Waterbury-Danbury, CT NECMA	New Haven County	Meriden city, CT; New Haven city, CT; Waterbury city, CT
New London-Norwich, CT NECMA	New London County	New London city, CT; Norwich city, CT
Delaware		
Dover, DE MSA	Kent County	Dover, DE
Wilmington-Newark, DE-MD PMSA	New Castle County	Newark, DE; Wilmington, DE
District of Columbia		
Washington, DC-MD-VA-WV PMSA	District of Columbia	Washington, DC
Florida		
Gainesville, FL MSA	Alachua County	Gainesville, FL
Panama City, FL MSA	Bay County	Panama City, FL
Melbourne-Titusville-Palm Bay, FL MSA	Brevard County	Melbourne, FL; Palm Bay, FL; Titusville, FL
Fort Lauderdale, FL PMSA	Broward County	Fort Lauderdale, FL

Appendix I. MSAs with Center Counties and Central Cities, continued

State, MSA	Center County	Central City in County (in whole or part)
Florida, continued		
Punta Gorda, FL MSA	Charlotte County	Punta Gorda, FL
Naples, FL MSA	Collier County	Naples, FL
Jacksonville, FL MSA	Duval County	Jacksonville, FL
Pensacola, FL MSA	Escambia County	Pensacola, FL
Tampa-St. Petersburg-Clearwater, FL MSA	Hillsborough County	Tampa, FL
Fort Myers-Cape Coral, FL MSA	Lee County	Cape Coral, FL; Fort Myers, FL
Tallahassee, FL MSA	Leon County	Tallahassee, FL
Sarasota-Bradenton, FL MSA	Manatee County	Bradenton, FL
Ocala, FL MSA	Marion County	Ocala, FL
Miami, FL PMSA	Miami-Dade County	Miami, FL; Miami Beach, FL
Fort Walton Beach, FL MSA	Okaloosa County	Fort Walton Beach, FL
Orlando, FL MSA	Orange County	Orlando, FL
West Palm Beach-Boca Raton, FL MSA	Palm Beach County	Boca Raton, FL; West Palm Beach, FL
Tampa-St. Petersburg-Clearwater, FL MSA	Pinellas County	Clearwater, FL; St Petersburg, FL
Lakeland-Winter Haven, FL MSA	Polk County	Lakeland, FL; Winter Haven, FL
Sarasota-Bradenton, FL MSA	Sarasota County	Sarasota, FL
Fort Pierce-Port St. Lucie, FL MSA	St. Lucie County	Fort Pierce, FL; Port St Lucie, FL
Daytona Beach, FL MSA	Volusia County	Daytona Beach, FL
Georgia		
Macon, GA MSA	Bibb County	Macon (part), GA
Savannah, GA MSA	Chatham County	Savannah, GA
Athens, GA MSA	Clarke County	Athens-Clarke County, GA
Atlanta, GA MSA	DeKalb County	Atlanta (part), GA
Albany, GA MSA	Dougherty County	Albany, GA
Atlanta, GA MSA	Fulton County	Atlanta (part), GA
Macon, GA MSA	Jones County	Macon (part), GA
Columbus, GA-AL MSA	Muscogee County	Columbus, GA
Augusta-Aiken, GA-SC MSA	Richmond County	Augusta-Richmond, GA
Hawaii		
Honolulu, HI MSA	Honolulu County	Honolulu, HI
Idaho		
Boise City, ID MSA	Ada County	Boise City, ID
Pocatello, ID MSA	Bannock County	Pocatello (part), ID
Boise City, ID MSA	Canyon County	Nampa, ID
Illinois		
Champaign-Urbana, IL MSA	Champaign County	Champaign, IL; Urbana, IL
Chicago, IL PMSA	Cook County	Chicago (part), IL; Elgin, IL; Evanston, IL
Chicago, IL PMSA	DeKalb County	DeKalb, IL
Chicago, IL PMSA	DuPage County	Chicago (part), IL; Aurora, IL
Chicago, IL PMSA	Kane County	Elgin, IL; Aurora, IL
Kankakee, IL PMSA	Kankakee County	Kankakee, IL
Chicago, IL PMSA	Lake County	North Chicago, IL

Appendix I. MSAs with Center Counties and Central Cities, continued

State, MSA	Center County	Central City in County (in whole or part)
Illinois, continued		
Decatur, IL MSA	Macon County	Decatur, IL
St. Louis, MO-IL MSA	Madison County	Alton, IL; Granite City, IL
Bloomington-Normal, IL MSA	McLean County	Bloomington, IL; Normal, IL
Peoria-Pekin, IL MSA	Peoria County	Pekin (part), IL; Peoria, IL
Davenport-Moline-Rock Island, IA-IL MSA	Rock Island County	Moline, IL; Rock Island, IL
Springfield, IL MSA	Sangamon County	Springfield, IL
St. Louis, MO-IL MSA	St. Clair County	Belleville, IL; East St Louis, IL
Peoria-Pekin, IL MSA	Tazewell County	Pekin (part), IL
Chicago, IL PMSA	Will County	Joliet, IL
Rockford, IL MSA	Winnebago County	Rockford, IL
Indiana		
Fort Wayne, IN MSA	Allen County	Fort Wayne, IN
Muncie, IN MSA	Delaware County	Muncie, IN
Elkhart-Goshen, IN MSA	Elkhart County	Elkhart, IN; Goshen, IN
Louisville, KY-IN MSA	Floyd County	New Albany, IN
Kokomo, IN MSA	Howard County	Kokomo, IN
Gary, IN PMSA	Lake County	East Chicago, IN; Gary, IN
Indianapolis, IN MSA	Madison County	Anderson, IN
Indianapolis, IN MSA	Marion County	Indianapolis, IN
Bloomington, IN MSA	Monroe County	Bloomington, IN
South Bend, IN MSA	St. Joseph County	South Bend, IN
Lafayette, IN MSA	Tippecanoe County	Lafayette, IN
Evansville-Henderson, IN-KY MSA	Vanderburgh County	Evansville, IN
Terre Haute, IN MSA	Vigo County	Terre Haute, IN
Iowa		
Waterloo-Cedar Falls, IA MSA	Black Hawk County	Cedar Falls, IA; Waterloo, IA
Dubuque, IA MSA	Dubuque County	Dubuque, IA
Iowa City, IA MSA	Johnson County	Iowa City, IA
Cedar Rapids, IA MSA	Linn County	Cedar Rapids, IA
Des Moines, IA MSA	Polk County	Des Moines, IA
Omaha, NE-IA MSA	Pottawattamie County	Council Bluffs, IA
Davenport-Moline-Rock Island, IA-IL MSA	Scott County	Davenport, IA
Sioux City, IA-NE MSA	Woodbury County	Sioux City, IA
Kansas		
Lawrence, KS MSA	Douglas County	Lawrence, KS
Kansas City, MO-KS MSA	Johnson County	Olathe, KS
Kansas City, MO-KS MSA	Leavenworth County	Leavenworth, KS
Wichita, KS MSA	Sedgwick County	Wichita, KS
Topeka, KS MSA	Shawnee County	Topeka, KS
Kansas City, MO-KS MSA	Wyandotte County	Kansas City, KS
Kentucky		
Huntington-Ashland, WV-KY-OH MSA	Boyd County	Ashland, KY

Appendix I. MSAs with Center Counties and Central Cities, continued

State, MSA	Center County	Central City in County (in whole or part)
Kentucky, continued		
Clarksville-Hopkinsville, TN-KY MSA	Christian County	Hopkinsville, KY
Owensboro, KY MSA	Daviess County	Owensboro, KY
Lexington, KY MSA	Fayette County	Lexington-Fayette, KY
Evansville-Henderson, IN-KY MSA	Henderson County	Henderson, KY
Louisville, KY-IN MSA	Jefferson County	Louisville, KY
Louisiana		
Shreveport-Bossier City, LA MSA	Bossier Parish	Shreveport (part), LA; Bossier City, LA
Shreveport-Bossier City, LA MSA	Caddo Parish	Shreveport (part), LA
Lake Charles, LA MSA	Calcasieu Parish	Lake Charles, LA
Baton Rouge, LA MSA	East Baton Rouge Parish	Baton Rouge, LA
Lafayette, LA MSA	Lafayette Parish	Lafayette, LA
New Orleans, LA MSA	Orleans Parish	New Orleans, LA
Monroe, LA MSA	Ouachita Parish	Monroe, LA
Alexandria, LA MSA	Rapides Parish	Alexandria, LA
New Orleans, LA MSA	St. Tammany Parish	Slidell, LA
Houma, LA MSA	Terrebonne Parish	Houma, LA
Maine		
Lewiston-Auburn, ME NECMA	Androscoggin County	Auburn city, ME; Lewiston city, ME
Portland, ME NECMA	Cumberland County	Portland city, ME
Bangor, ME NECMA	Penobscot County	Bangor city, ME
Maryland		
Cumberland, MD-WV MSA	Allegany County	Cumberland, MD
Baltimore, MD PMSA	Anne Arundel County	Annapolis, MD
Baltimore, MD PMSA	Baltimore city	Baltimore, MD
Washington, DC-MD-VA-WV PMSA	Frederick County	Frederick, MD
Hagerstown, MD PMSA	Washington County	Hagerstown, MD
Massachusetts		
Barnstable-Yarmouth, MA NECMA	Barnstable County	Barnstable city, MA; Yarmouth town, MA
Pittsfield, MA NECMA	Berkshire County	Pittsfield city, MA
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA	Bristol County	Attleboro city, MA; Fall River city, MA; New Bedford city, MA
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA	Essex County	Gloucester city, MA; Lawrence city, MA; Lynn city, MA
Springfield, MA NECMA	Hampden County	Holyoke city, MA; Springfield city, MA; Westfield city, MA
Springfield, MA NECMA	Hampshire County	Northampton city, MA
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA	Middlesex County	Cambridge city, MA; Lowell city, MA; Waltham city, MA
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA	Plymouth County	Brockton city, MA
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA	Suffolk County	Boston city, MA
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA	Worcester County	Fitchburg city, MA; Leominster city, MA; Worcester city, MA
Michigan		
Grand Rapids-Muskegon-Holland, MI MSA	Allegan County	Holland (part), MI
Saginaw-Bay City-Midland, MI MSA	Bay County	Midland (part), MI; Bay City, MI
Kalamazoo-Battle Creek, MI MSA	Calhoun County	Battle Creek, MI
Lansing-East Lansing, MI MSA	Eaton County	Lansing (part), MI

Appendix I. MSAs with Center Counties and Central Cities, continued

State, MSA	Center County	Central City in County (in whole or part)
Michigan, continued		
Flint, MI PMSA	Genesee County	Flint, MI
Lansing-East Lansing, MI MSA	Ingham County	Lansing (part), MI; East Lansing, MI
Jackson, MI MSA	Jackson County	Jackson, MI
Kalamazoo-Battle Creek, MI MSA	Kalamazoo County	Kalamazoo, MI
Grand Rapids-Muskegon-Holland, MI MSA	Kent County	Grand Rapids, MI
Saginaw-Bay City-Midland, MI MSA	Midland County	Midland (part), MI
Grand Rapids-Muskegon-Holland, MI MSA	Muskegon County	Muskegon, MI
Detroit, MI PMSA	Oakland County	Pontiac, MI
Grand Rapids-Muskegon-Holland, MI MSA	Ottawa County	Holland (part), MI
Saginaw-Bay City-Midland, MI MSA	Saginaw County	Saginaw, MI
Detroit, MI PMSA	St. Clair County	Port Huron, MI
Ann Arbor, MI PMSA	Washtenaw County	Ann Arbor, MI
Detroit, MI PMSA	Wayne County	Detroit, MI; Dearborn, MI
Minnesota		
St. Cloud, MN MSA	Benton County	St Cloud (part), MN
Fargo-Moorhead, ND-MN MSA	Clay County	Moorhead, MN
Minneapolis-St. Paul, MN-WI MSA	Hennepin County	Minneapolis, MN
Rochester, MN MSA	Olmsted County	Rochester, MN
Minneapolis-St. Paul, MN-WI MSA	Ramsey County	St Paul, MN
Duluth-Superior, MN-WI MSA	St. Louis County	Duluth, MN
St. Cloud, MN MSA	Stearns County	St Cloud (part), MN
Mississippi		
Hattiesburg, MS MSA	Forrest County	Hattiesburg (part), MS
Biloxi-Gulfport-Pascagoula, MS MSA	Harrison County	Biloxi, MS; Gulfport, MS
Jackson, MS MSA	Hinds County	Jackson (part), MS
Biloxi-Gulfport-Pascagoula, MS MSA	Jackson County	Pascagoula, MS
Hattiesburg, MS MSA	Lamar County	Hattiesburg (part), MS
Jackson, MS MSA	Madison County	Jackson (part), MS
Jackson, MS MSA	Rankin County	Jackson (part), MS
Missouri		
Columbia, MO MSA	Boone County	Columbia, MO
St. Joseph, MO MSA	Buchanan County	St Joseph, MO
Kansas City, MO-KS MSA	Cass County	Kansas City (part), MO
Springfield, MO MSA	Christian County	Springfield (part), MO
Kansas City, MO-KS MSA	Clay County	Kansas City (part), MO
Springfield, MO MSA	Greene County	Springfield (part), MO
Kansas City, MO-KS MSA	Jackson County	Kansas City (part), MO
Joplin, MO MSA	Jasper County	Joplin (part), MO
Joplin, MO MSA	Newton County	Joplin (part), MO
Kansas City, MO-KS MSA	Platte County	Kansas City (part), MO
St. Louis, MO-IL MSA	St. Charles County	St Charles, MO
St. Louis, MO-IL MSA	St. Louis city	St Louis, MO

Appendix I. MSAs with Center Counties and Central Cities, continued

State, MSA	Center County	Central City in County (in whole or part)
Montana		
Great Falls, MT MSA	Cascade County	Great Falls, MT
Missoula, MT MSA	Missoula County	Missoula, MT
Billings, MT MSA	Yellowstone County	Billings, MT
Nebraska		
Omaha, NE-IA MSA	Douglas County	Omaha, NE
Lincoln, NE MSA	Lancaster County	Lincoln, NE
Nevada		
Las Vegas, NV-AZ MSA	Clark County	Las Vegas, NV
Reno, NV MSA	Washoe County	Reno, NV
New Hampshire		
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA	Hillsborough County	Manchester city, NH; Nashua city, NH
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA	Rockingham County	Portsmouth city, NH
Boston-Worcester-Lawrence-Lowell-Brockton, MA-NH NECMA	Strafford County	Rochester city, NH
New Jersey		
Atlantic-Cape May, NJ PMSA	Atlantic County	Atlantic City, NJ
Philadelphia, PA-NJ PMSA	Camden County	Camden, NJ
Vineland-Millville-Bridgeton, NJ PMSA	Cumberland County	Bridgeton, NJ; Millville, NJ; Vineland, NJ
Newark, NJ PMSA	Essex County	Newark, NJ
Jersey City, NJ PMSA	Hudson County	Bayonne, NJ; Jersey City, NJ
Trenton, NJ PMSA	Mercer County	Trenton, NJ
Newark, NJ PMSA	Morris County	Dover, NJ
New Mexico		
Albuquerque, NM MSA	Bernalillo County	Albuquerque, NM
Las Cruces, NM MSA	Dona Ana County	Las Cruces, NM
Santa Fe, NM MSA	Santa Fe County	Santa Fe, NM
New York		
Albany-Schenectady-Troy, NY MSA	Albany County	Albany, NY
New York, NY PMSA	Bronx County	Borough of the Bronx, NY
Binghamton, NY MSA	Broome County	Binghamton, NY
Syracuse, NY MSA	Cayuga County	Auburn, NY
Jamestown, NY MSA	Chautauqua County	Jamestown, NY
Elmira, NY MSA	Chemung County	Elmira, NY
Dutchess County, NY PMSA	Dutchess County	Poughkeepsie, NY
Buffalo-Niagara Falls, NY MSA	Erie County	Buffalo, NY
New York, NY PMSA	Kings County	Borough of Brooklyn, NY
Rochester, NY MSA	Monroe County	Rochester, NY
New York, NY PMSA	New York County	Borough of Manhattan, NY
Buffalo-Niagara Falls, NY MSA	Niagara County	Niagara Falls, NY
Utica-Rome, NY MSA	Oneida County	Rome, NY; Utica, NY
Syracuse, NY MSA	Onondaga County	Syracuse, NY
Newburgh, NY-PA PMSA	Orange County	Newburgh, NY
New York, NY PMSA	Queens County	Borough of Queens, NY

Appendix I. MSAs with Center Counties and Central Cities, continued

State, MSA	Center County	Central City in County (in whole or part)
New York, continued		
Albany-Schenectady-Troy, NY MSA	Rensselaer County	Troy, NY
New York, NY PMSA	Richmond County	Borough of Staten Island, NY
Albany-Schenectady-Troy, NY MSA	Saratoga County	Saratoga Springs, NY
Albany-Schenectady-Troy, NY MSA	Schenectady County	Schenectady, NY
Glens Falls, NY MSA	Warren County	Glens Falls, NY
North Carolina		
Greensboro--Winston-Salem--High Point, NC MSA	Alamance County	Burlington, NC
Asheville, NC MSA	Buncombe County	Asheville, NC
Hickory-Morganton-Lenoir, NC MSA	Burke County	Hickory (part), NC; Morganton, NC
Charlotte-Gastonia-Rock Hill, NC-SC MSA	Cabarrus County	Concord, NC; Kannapolis, NC
Hickory-Morganton-Lenoir, NC MSA	Caldwell County	Lenoir, NC
Hickory-Morganton-Lenoir, NC MSA	Catawba County	Hickory (part), NC
Fayetteville, NC MSA	Cumberland County	Fayetteville, NC
Greensboro--Winston-Salem--High Point, NC MSA	Davidson County	High Point (part), NC
Raleigh-Durham-Chapel Hill, NC MSA	Durham County	Chapel Hill (part), NC; Durham (part), NC
Rocky Mount, NC MSA	Edgecombe County	Rocky Mount (part), NC
Greensboro--Winston-Salem--High Point, NC MSA	Forsyth County	Winston-Salem, NC; High Point, NC
Charlotte-Gastonia-Rock Hill, NC-SC MSA	Gaston County	Gastonia, NC
Greensboro--Winston-Salem--High Point, NC MSA	Guilford County	Greensboro, NC; High Point, NC
Charlotte-Gastonia-Rock Hill, NC-SC MSA	Mecklenburg County	Charlotte, NC
Rocky Mount, NC MSA	Nash County	Rocky Mount (part), NC
Wilmington, NC MSA	New Hanover County	Wilmington, NC
Jacksonville, NC MSA	Onslow County	Jacksonville, NC
Raleigh-Durham-Chapel Hill, NC MSA	Orange County	Chapel Hill (part), NC; Durham (part), NC
Greenville, NC MSA	Pitt County	Greenville, NC
Greensboro--Winston-Salem--High Point, NC MSA	Randolph County	High Point (part), NC
Charlotte-Gastonia-Rock Hill, NC-SC MSA	Rowan County	Kannapolis, NC
Raleigh-Durham-Chapel Hill, NC MSA	Wake County	Raleigh, NC
Goldsboro, NC MSA	Wayne County	Goldsboro, NC
North Dakota		
Bismarck, ND MSA	Burleigh County	Bismarck, ND
Fargo-Moorhead, ND-MN MSA	Cass County	Fargo, ND
Grand Forks, ND-MN MSA	Grand Forks County	Grand Forks, ND
Ohio		
Lima, OH MSA	Allen County	Lima, OH
Hamilton-Middletown, OH PMSA	Butler County	Hamilton, OH; Middletown, OH
Dayton-Springfield, OH MSA	Clark County	Springfield, OH
Cleveland-Lorain-Elyria, OH PMSA	Cuyahoga County	Cleveland, OH
Columbus, OH MSA	Fairfield County	Columbus (part), OH; Lancaster, OH
Columbus, OH MSA	Franklin County	Columbus (part), OH; Springfield, OR
Dayton-Springfield, OH MSA	Greene County	Fairborn, OH
Cincinnati, OH-KY-IN PMSA	Hamilton County	Cincinnati, OH

Appendix I. MSAs with Center Counties and Central Cities, continued

State, MSA	Center County	Central City in County (in whole or part)
Ohio, continued		
Steubenville-Weirton, OH-WV MSA	Jefferson County	Steubenville, OH
Columbus, OH MSA	Licking County	Newark, OH
Cleveland-Lorain-Elyria, OH PMSA	Lorain County	Elyria, OH; Lorain, OH
Toledo, OH MSA	Lucas County	Toledo, OH
Youngstown-Warren, OH MSA	Mahoning County	Youngstown (part), OH
Dayton-Springfield, OH MSA	Montgomery County	Dayton, OH
Akron, OH PMSA	Portage County	Kent, OH
Mansfield, OH MSA	Richland County	Mansfield, OH
Canton-Massillon, OH MSA	Stark County	Canton, OH; Massillon, OH
Akron, OH PMSA	Summit County	Akron, OH
Youngstown-Warren, OH MSA	Trumbull County	Youngstown (part), OH; Warren, OH
Parkersburg-Marietta, WV-OH MSA	Washington County	Marietta, OH
Toledo, OH MSA	Wood County	Bowling Green, OH
Oklahoma		
Oklahoma City, OK MSA	Canadian County	Oklahoma City (part), OK
Oklahoma City, OK MSA	Cleveland County	Oklahoma City (part), OK; Norman, OK
Lawton, OK MSA	Comanche County	Lawton, OK
Enid, OK MSA	Garfield County	Enid, OK
Oklahoma City, OK MSA	McClain County	Oklahoma City (part), OK
Oklahoma City, OK MSA	Oklahoma County	Oklahoma City (part), OK
Tulsa, OK MSA	Osage County	Tulsa (part), OK
Oklahoma City, OK MSA	Pottawatomie County	Oklahoma City (part), OK; Shawnee, OK
Tulsa, OK MSA	Rogers County	Tulsa (part), OK
Tulsa, OK MSA	Tulsa County	Tulsa (part), OK
Oregon		
Corvallis, OR MSA	Benton County	Corvallis, OR
Portland-Vancouver, OR-WA PMSA	Clackamas County	Portland (part), OR
Medford-Ashland, OR MSA	Jackson County	Ashland, OR; Medford, OR
Eugene-Springfield, OR MSA	Lane County	Eugene, OR; Springfield, OR
Salem, OR PMSA	Marion County	Salem (part), OR
Portland-Vancouver, OR-WA PMSA	Multnomah County	Portland (part), OR
Salem, OR PMSA	Polk County	Salem (part), OR
Portland-Vancouver, OR-WA PMSA	Washington County	Portland (part), OR
Pennsylvania		
Pittsburgh, PA MSA	Allegheny County	Pittsburgh, PA
Reading, PA MSA	Berks County	Reading, PA
Altoona, PA MSA	Blair County	Altoona, PA
Johnstown, PA MSA	Cambria County	Johnstown, PA
State College, PA MSA	Centre County	State College, PA
Harrisburg-Lebanon-Carlisle, PA MSA	Cumberland County	Carlisle, PA
Harrisburg-Lebanon-Carlisle, PA MSA	Dauphin County	Harrisburg, PA
Erie, PA MSA	Erie County	Erie, PA

Appendix I. MSAs with Center Counties and Central Cities, continued

State, MSA	Center County	Central City in County (in whole or part)
Pennsylvania, continued		
Scranton--Wilkes-Barre--Hazleton, PA MSA	Lackawanna County	Scranton, PA
Lancaster, PA MSA	Lancaster County	Lancaster, PA
Harrisburg-Lebanon-Carlisle, PA MSA	Lebanon County	Lebanon, PA
Allentown-Bethlehem-Easton, PA MSA	Lehigh County	Allentown, PA; Bethlehem, PA
Scranton--Wilkes-Barre--Hazleton, PA MSA	Luzerne County	Wilkes-Barre, PA
Williamsport, PA MSA	Lycoming County	Williamsport, PA
Sharon, PA MSA	Mercer County	Sharon, PA
Allentown-Bethlehem-Easton, PA MSA	Northampton County	Bethlehem, PA
Philadelphia, PA-NJ PMSA	Philadelphia County	Philadelphia, PA
York, PA MSA	York County	York, PA
Rhode Island		
Providence-Warwick-Pawtucket, RI NECMA	Kent County	Warwick city, RI
Providence-Warwick-Pawtucket, RI NECMA	Providence County	Pawtucket city, RI; Providence city, RI; Woonsocket city, RI
South Carolina		
Augusta-Aiken, GA-SC MSA	Aiken County	Aiken, SC
Greenville-Spartanburg-Anderson, SC MSA	Anderson County	Anderson, SC
Charleston-North Charleston, SC MSA	Berkeley County	North Charleston (part), SC
Charleston-North Charleston, SC MSA	Charleston County	Charleston, SC; North Charleston, SC
Charleston-North Charleston, SC MSA	Dorchester County	North Charleston (part), SC
Florence, SC MSA	Florence County	Florence, SC
Greenville-Spartanburg-Anderson, SC MSA	Greenville County	Greenville, SC
Myrtle Beach, SC MSA	Horry County	Myrtle Beach, SC
Columbia, SC MSA	Richland County	Columbia, SC
Greenville-Spartanburg-Anderson, SC MSA	Spartanburg County	Spartanburg, SC
Sumter, SC MSA	Sumter County	Sumter, SC
Charlotte-Gastonia-Rock Hill, NC-SC MSA	York County	Rock Hill, SC
South Dakota		
Sioux Falls, SD MSA	Lincoln County	Sioux Falls (part), SD
Sioux Falls, SD MSA	Minnehaha County	Sioux Falls (part), SD
Rapid City, SD MSA	Pennington County	Rapid City, SD
Tennessee		
Knoxville, TN MSA	Anderson County	Oak Ridge (part), TN
Johnson City-Kingsport-Bristol, TN-VA MSA	Carter County	Johnson City (part), TN
Nashville, TN MSA	Davidson County	Nashville-Davidson, TN
Chattanooga, TN-GA MSA	Hamilton County	Chattanooga, TN
Johnson City-Kingsport-Bristol, TN-VA MSA	Hawkins County	Kingsport, TN
Knoxville, TN MSA	Knox County	Knoxville, TN
Jackson, TN MSA	Madison County	Jackson, TN
Clarksville-Hopkinsville, TN-KY MSA	Montgomery County	Clarksville, TN
Nashville, TN MSA	Rutherford County	Murfreesboro, TN
Memphis, TN-AR-MS MSA	Shelby County	Memphis, TN
Johnson City-Kingsport-Bristol, TN-VA MSA	Sullivan County	Johnson City (part), TN; Kingsport, TN; Bristol, TN

Appendix I. MSAs with Center Counties and Central Cities, continued

State, MSA	Center County	Central City in County (in whole or part)
Tennessee, continued		
Johnson City-Kingsport-Bristol, TN-VA MSA	Washington County	Johnson City (part), TN
Texas		
Wichita Falls, TX MSA	Archer County	Wichita Falls (part), TX
Killeen-Temple, TX MSA	Bell County	Killeen, TX; Temple, TX
San Antonio, TX MSA	Bexar County	San Antonio, TX
Texarkana, TX-Texarkana, AR MSA	Bowie County	Texarkana, TX
Bryan-College Station, TX MSA	Brazos County	Bryan, TX; College Station, TX
Austin-San Marcos, TX MSA	Caldwell County	San Marcos (part), TX
Brownsville-Harlingen-San Benito, TX MSA	Cameron County	Brownsville, TX; Harlingen, TX; San Benito, TX
Houston, TX PMSA	Chambers County	Baytown, TX
Dallas, TX PMSA	Collin County	Dallas (part), TX
San Antonio, TX MSA	Comal County	New Braunfels (part), TX
Dallas, TX PMSA	Dallas County	Dallas (part), TX; Irving, TX
Dallas, TX PMSA	Denton County	Dallas (part), TX; Denton, TX
Odessa-Midland, TX MSA	Ector County	Odessa (part), TX
El Paso, TX MSA	El Paso County	El Paso, TX
Houston, TX PMSA	Fort Bend County	Houston (part), TX
Galveston-Texas City, TX PMSA	Galveston County	Galveston, TX; Texas City, TX
Sherman-Denison, TX MSA	Grayson County	Denison, TX; Sherman, TX
Longview-Marshall, TX MSA	Gregg County	Longview (part), TX
San Antonio, TX MSA	Guadalupe County	New Braunfels (part), TX
Houston, TX PMSA	Harris County	Houston (part), TX; Baytown, TX
Longview-Marshall, TX MSA	Harrison County	Longview (part), TX; Marshall, TX
Austin-San Marcos, TX MSA	Hays County	San Marcos (part), TX
McAllen-Edinburg-Mission, TX MSA	Hidalgo County	Edinburg, TX; McAllen, TX; Mission, TX
Beaumont-Port Arthur, TX MSA	Jefferson County	Beaumont, TX; Port Arthur, TX
Dallas, TX PMSA	Kaufman County	Dallas (part), TX
Lubbock, TX MSA	Lubbock County	Lubbock, TX
Waco, TX MSA	McLennan County	Waco, TX
Odessa-Midland, TX MSA	Midland County	Odessa (part), TX; Midland (part), TX
Houston, TX PMSA	Montgomery County	Houston (part), TX; Conroe, TX
Corpus Christi, TX MSA	Nueces County	Corpus Christi (part), TX
Amarillo, TX MSA	Potter County	Amarillo (part), TX
Amarillo, TX MSA	Randall County	Amarillo (part), TX
Dallas, TX PMSA	Rockwall County	Dallas (part), TX
Corpus Christi, TX MSA	San Patricio County	Corpus Christi (part), TX
Tyler, TX MSA	Smith County	Tyler, TX
Fort Worth-Arlington, TX PMSA	Tarrant County	Fort Worth, TX; Arlington, TX
Abilene, TX MSA	Taylor County	Abilene (part), TX
San Angelo, TX MSA	Tom Green County	San Angelo, TX
Austin-San Marcos, TX MSA	Travis County	Austin (part), TX
Victoria, TX MSA	Victoria County	Victoria, TX

Appendix I. MSAs with Center Counties and Central Cities, continued

State, MSA	Center County	Central City in County (in whole or part)
Texas, continued		
Laredo, TX MSA	Webb County	Laredo, TX
Wichita Falls, TX MSA	Wichita County	Wichita Falls (part), TX
Austin-San Marcos, TX MSA	Williamson County	Austin (part), TX
Utah		
Salt Lake City-Ogden, UT MSA	Davis County	Clearfield, UT
Salt Lake City-Ogden, UT MSA	Salt Lake County	Salt Lake City, UT
Provo-Orem, UT MSA	Utah County	Orem, UT; Provo, UT
Salt Lake City-Ogden, UT MSA	Weber County	Ogden, UT
Vermont		
Burlington, VT NECMA	Chittenden County	Burlington city, VT
Virginia		
Washington, DC-MD-VA-WV PMSA	Arlington County	Arlington, VA
Johnson City-Kingsport-Bristol, TN-VA MSA	Bristol city	Bristol, VA
Charlottesville, VA MSA	Charlottesville city	Charlottesville, VA
Danville, VA MSA	Danville city	Danville, VA
Washington, DC-MD-VA-WV PMSA	Fredericksburg city	Fredericksburg, VA
Norfolk-Virginia Beach-Newport News, VA-NC MSA	Hampton city	Hampton, VA
Lynchburg, VA MSA	Lynchburg city	Lynchburg, VA
Norfolk-Virginia Beach-Newport News, VA-NC MSA	Newport News city	Newport News, VA
Norfolk-Virginia Beach-Newport News, VA-NC MSA	Norfolk city	Norfolk, VA
Richmond-Petersburg, VA MSA	Petersburg city	Petersburg, VA
Norfolk-Virginia Beach-Newport News, VA-NC MSA	Portsmouth city	Portsmouth, VA
Richmond-Petersburg, VA MSA	Richmond city	Richmond, VA
Roanoke, VA MSA	Roanoke city	Roanoke, VA
Norfolk-Virginia Beach-Newport News, VA-NC MSA	Suffolk city	Suffolk, VA
Norfolk-Virginia Beach-Newport News, VA-NC MSA	Virginia Beach city	Virginia Beach, VA
Washington		
Richland-Kennewick-Pasco, WA MSA	Benton County	Kennewick, WA; Richland, WA
Portland-Vancouver, OR-WA PMSA	Clark County	Vancouver, WA
Richland-Kennewick-Pasco, WA MSA	Franklin County	Pasco, WA
Seattle-Bellevue-Everett, WA PMSA	King County	Bellevue, WA; Seattle, WA
Bremerton, WA PMSA	Kitsap County	Bremerton, WA
Tacoma, WA PMSA	Pierce County	Tacoma, WA
Seattle-Bellevue-Everett, WA PMSA	Snohomish County	Everett, WA
Spokane, WA MSA	Spokane County	Spokane, WA
Olympia, WA PMSA	Thurston County	Olympia, WA
Bellingham, WA MSA	Whatcom County	Bellingham, WA
Yakima, WA MSA	Yakima County	Yakima, WA
West Virginia		
Steubenville-Weirton, OH-WV MSA	Brooke County	Weirton (part), WV
Huntington-Ashland, WV-KY-OH MSA	Cabell County	Huntington (part), WV
Steubenville-Weirton, OH-WV MSA	Hancock County	Weirton (part), WV

Appendix I. MSAs with Center Counties and Central Cities, continued

State, MSA	Center County	Central City in County (in whole or part)
West Virginia, continued		
Charleston, WV MSA	Kanawha County	Charleston, WV
Wheeling, WV-OH MSA	Marshall County	Wheeling, WV
Huntington-Ashland, WV-KY-OH MSA	Wayne County	Huntington (part), WV
Parkersburg-Marietta, WV-OH MSA	Wood County	Parkersburg, WV
Wisconsin		
Green Bay, WI MSA	Brown County	Green Bay, WI
Appleton-Oshkosh-Neenah, WI MSA	Calumet County	Appleton (part), WI
Eau Claire, WI MSA	Chippewa County	Eau Claire (part), WI
Madison, WI MSA	Dane County	Madison, WI
Duluth-Superior, MN-WI MSA	Douglas County	Superior, WI
Eau Claire, WI MSA	Eau Claire County	Eau Claire (part), WI
Kenosha, WI PMSA	Kenosha County	Kenosha, WI
La Crosse, WI-MN MSA	La Crosse County	La Crosse, WI
Wausau, WI MSA	Marathon County	Wausau, WI
Milwaukee-Waukesha, WI PMSA	Milwaukee County	Milwaukee (part), WI
Appleton-Oshkosh-Neenah, WI MSA	Outagamie County	Appleton (part), WI
Racine, WI PMSA	Racine County	Racine, WI
Janesville-Beloit, WI MSA	Rock County	Beloit, WI; Janesville, WI
Sheboygan, WI MSA	Sheboygan County	Sheboygan, WI
Milwaukee-Waukesha, WI PMSA	Washington County	Milwaukee (part), WI
Milwaukee-Waukesha, WI PMSA	Waukesha County	Milwaukee (part), WI; Waukesha, WI
Appleton-Oshkosh-Neenah, WI MSA	Winnebago County	Appleton (part), WI; Neenah, WI; Oshkosh, WI
Wyoming		
Cheyenne, WY MSA	Laramie County	Cheyenne, WY
Casper, WY MSA	Natrona County	Casper, WY

Source: U.S. Census Bureau and PricewaterhouseCoopers.

Appendix J: Contact Information

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