

APPENDICES

**Appendix A: 2000 Population Counts and Estimated Undercounts of Persons
Over and Under 18 Years of Age by State**

Table A-1. Unadjusted and Adjusted Year 2000 Census Population Counts by State

State	Unadjusted Population Counts ¹			Adjusted Population Counts ²		
	State/US Total	Over 18	Under 18	State/US Total	Over 18	Under 18
United States	281,421,906	209,128,094	72,293,812	284,777,491	211,341,436	73,436,055
Alabama	4,447,100	3,323,678	1,123,422	4,500,658	3,354,582	1,146,075
Alaska	626,932	436,215	190,717	644,130	448,098	196,033
Arizona	5,130,632	3,763,685	1,366,947	5,205,064	3,814,335	1,390,730
Arkansas	2,673,400	1,993,031	680,369	2,708,063	2,014,343	693,720
California	33,871,648	24,621,819	9,249,829	34,394,444	24,998,670	9,395,773
Colorado	4,301,261	3,200,466	1,100,795	4,356,148	3,237,899	1,118,249
Connecticut	3,405,565	2,563,877	841,688	3,438,923	2,586,781	852,141
Delaware	783,600	589,013	194,587	795,533	596,972	198,561
District of Columbia	572,059	457,067	114,992	584,629	465,879	118,750
Florida	15,982,378	12,336,038	3,646,340	16,183,048	12,468,415	3,714,633
Georgia	8,186,453	6,017,219	2,169,234	8,309,433	6,094,998	2,214,435
Hawaii	1,211,537	915,770	295,767	1,238,284	933,251	305,033
Idaho	1,293,953	924,923	369,030	1,315,528	938,913	376,615
Illinois	12,419,293	9,173,842	3,245,451	12,527,025	9,246,298	3,280,727
Indiana	6,080,485	4,506,089	1,574,396	6,127,668	4,534,460	1,593,208
Iowa	2,926,324	2,192,686	733,638	2,940,438	2,201,785	738,653
Kansas	2,688,418	1,975,425	712,993	2,706,279	1,986,671	719,609
Kentucky	4,041,769	3,046,951	994,818	4,092,102	3,078,249	1,013,852
Louisiana	4,468,976	3,249,177	1,219,799	4,529,674	3,283,507	1,246,167
Maine	1,274,923	973,685	301,238	1,292,108	983,235	308,873
Maryland	5,296,486	3,940,314	1,356,172	5,371,690	3,990,873	1,380,817
Massachusetts	6,349,097	4,849,033	1,500,064	6,397,720	4,884,369	1,513,351
Michigan	9,938,444	7,342,677	2,595,767	10,009,512	7,385,498	2,624,013
Minnesota	4,919,479	3,632,585	1,286,894	4,933,787	3,638,847	1,294,940
Mississippi	2,844,658	2,069,471	775,187	2,880,375	2,089,389	790,985
Missouri	5,595,211	4,167,519	1,427,692	5,621,068	4,180,603	1,440,465
Montana	902,195	672,133	230,062	916,585	681,946	234,639
Nebraska	1,711,263	1,261,021	450,242	1,720,900	1,266,872	454,028
Nevada	1,998,257	1,486,458	511,799	2,032,401	1,511,027	521,375
New Hampshire	1,235,786	926,224	309,562	1,249,910	934,690	315,220
New Jersey	8,414,350	6,326,792	2,087,558	8,512,241	6,397,661	2,114,580
New Mexico	1,819,046	1,310,472	508,574	1,855,034	1,335,507	519,526
New York	18,976,457	14,286,350	4,690,107	19,185,580	14,428,065	4,757,515
North Carolina	8,049,313	6,085,266	1,964,047	8,160,293	6,156,125	2,004,168
North Dakota	642,200	481,351	160,849	645,233	483,302	161,931
Ohio	11,353,140	8,464,801	2,888,339	11,418,224	8,495,548	2,922,676
Oklahoma	3,450,654	2,558,294	892,360	3,499,649	2,586,403	913,246
Oregon	3,421,399	2,574,873	846,526	3,465,410	2,603,182	862,228
Pennsylvania	12,281,054	9,358,833	2,922,221	12,382,591	9,416,396	2,966,196
Rhode Island	1,048,319	800,497	247,822	1,057,306	806,842	250,464
South Carolina	4,012,012	3,002,371	1,009,641	4,060,741	3,031,370	1,029,371
South Dakota	754,844	552,195	202,649	759,095	554,727	204,368
Tennessee	5,689,283	4,290,762	1,398,521	5,760,133	4,333,431	1,426,701
Texas	20,851,820	14,965,061	5,886,759	21,225,387	15,231,864	5,993,523
Utah	2,233,169	1,514,471	718,698	2,263,729	1,533,133	730,597
Vermont	608,827	461,304	147,523	618,161	466,666	151,495
Virginia	7,078,515	5,340,253	1,738,262	7,173,928	5,404,866	1,769,062
Washington	5,894,121	4,380,278	1,513,843	5,978,417	4,435,942	1,542,475
West Virginia	1,808,344	1,405,951	402,393	1,830,122	1,421,169	408,954
Wisconsin	5,363,675	3,994,919	1,368,756	5,401,485	4,017,548	1,383,938
Wyoming	493,782	364,909	128,873	501,607	370,236	131,372

¹Source: U.S. Census Bureau, *Census 2000 Redistricting Data (P.L. 94-171) Summary File, Table 1.*²Equals unadjusted population count plus undercount (See Table A-2).

Table A-2. Year 2000 Census Undercount and Undercount Rate by State

State	Undercount			Undercount Rate ³		
	State/US Total ¹	Over 18 ²	Under 18 ²	State/US Total	Over 18	Under 18
United States	3,355,585	2,213,342	1,142,243	1.18	1.05	1.56
Alabama	53,558	30,904	22,653	1.19	0.92	1.94
Alaska	17,198	11,883	5,316	2.67	2.65	2.72
Arizona	74,432	50,650	23,783	1.43	1.33	1.70
Arkansas	34,663	21,312	13,351	1.28	1.06	1.90
California	522,796	376,851	145,944	1.52	1.51	1.54
Colorado	54,887	37,433	17,454	1.26	1.16	1.55
Connecticut	33,358	22,904	10,453	0.97	0.89	1.22
Delaware	11,933	7,959	3,974	1.50	1.33	2.00
District of Columbia	12,570	8,812	3,758	2.15	1.89	3.09
Florida	200,670	132,377	68,293	1.24	1.06	1.82
Georgia	122,980	77,779	45,201	1.48	1.28	2.04
Hawaii	26,747	17,481	9,266	2.16	1.87	3.01
Idaho	21,575	13,990	7,585	1.64	1.49	2.00
Illinois	107,732	72,456	35,276	0.86	0.78	1.07
Indiana	47,183	28,371	18,812	0.77	0.63	1.15
Iowa	14,114	9,099	5,015	0.48	0.41	0.69
Kansas	17,861	11,246	6,616	0.66	0.57	0.91
Kentucky	50,333	31,298	19,034	1.23	1.02	1.85
Louisiana	60,698	34,330	26,368	1.34	1.05	2.11
Maine	17,185	9,550	7,635	1.33	0.97	2.44
Maryland	75,204	50,559	24,645	1.40	1.27	1.78
Massachusetts	48,623	35,336	13,287	0.76	0.72	0.88
Michigan	71,068	42,821	28,246	0.71	0.58	1.06
Minnesota	14,308	6,262	8,046	0.29	0.17	0.60
Mississippi	35,717	19,918	15,798	1.24	0.95	1.97
Missouri	25,857	13,084	12,773	0.46	0.31	0.88
Montana	14,390	9,813	4,577	1.57	1.44	1.93
Nebraska	9,637	5,851	3,786	0.56	0.46	0.84
Nevada	34,144	24,569	9,576	1.68	1.63	1.82
New Hampshire	14,124	8,466	5,658	1.13	0.91	1.78
New Jersey	97,891	70,869	27,022	1.15	1.11	1.29
New Mexico	35,988	25,035	10,952	1.94	1.87	2.11
New York	209,123	141,715	67,408	1.09	0.98	1.39
North Carolina	110,980	70,859	40,121	1.36	1.15	1.99
North Dakota	3,033	1,951	1,082	0.47	0.40	0.67
Ohio	65,084	30,747	34,337	0.57	0.36	1.14
Oklahoma	48,995	28,109	20,886	1.40	1.09	2.27
Oregon	44,011	28,309	15,702	1.27	1.09	1.81
Pennsylvania	101,537	57,563	43,975	0.82	0.61	1.46
Rhode Island	8,987	6,345	2,642	0.85	0.79	1.05
South Carolina	48,729	28,999	19,730	1.20	0.96	1.88
South Dakota	4,251	2,532	1,719	0.56	0.46	0.84
Tennessee	70,850	42,669	28,180	1.23	0.98	1.94
Texas	373,567	266,803	106,764	1.76	1.75	1.79
Utah	30,560	18,662	11,899	1.35	1.22	1.62
Vermont	9,334	5,362	3,972	1.51	1.15	2.58
Virginia	95,413	64,613	30,800	1.33	1.20	1.74
Washington	84,296	55,664	28,632	1.41	1.25	1.85
West Virginia	21,778	15,218	6,561	1.19	1.07	1.58
Wisconsin	37,810	22,629	15,182	0.70	0.56	1.10
Wyoming	7,825	5,327	2,499	1.56	1.44	1.91

¹Source: Dr. Eugene Ericksen, *Estimates of State and County Undercount Rates*, May 1, 2001.²PricewaterhouseCoopers calculations based on undercount rates provided by Dr. Ericksen.³Undercount as a percent of adjusted population. U.S. Census Bureau and Dr. Eugene Ericksen, *Estimates of State and County Undercount Rates*, May 1, 2001.

Appendix B: 2000 Population Undercount by Selected County

Appendix B. Year 2000 Census Undercount by County

State, County	2000 Population Projection		Estimated Undercount	
	Unadjusted Count ¹	Adjusted Count ²	Number ³	Rate ⁴
Total, All 112 Selected Counties	125,460,358	127,081,879	1,621,521	1.28
Alabama	4,447,100	4,500,658	53,558	1.19
Jefferson County	662,047	672,565	10,518	1.56
Arizona	5,130,632	5,205,064	74,432	1.43
Maricopa County	3,072,149	3,109,081	36,932	1.19
Pima County	843,746	854,259	10,513	1.23
California	33,871,648	34,394,444	522,796	1.52
Alameda County	1,443,741	1,463,267	19,526	1.33
Contra Costa County	948,816	957,328	8,512	0.89
Fresno County	799,407	812,347	12,940	1.59
Kern County	661,645	670,843	9,198	1.37
Los Angeles County	9,519,338	9,694,716	175,378	1.81
Orange County	2,846,289	2,881,546	35,257	1.22
Riverside County	1,545,387	1,563,399	18,012	1.15
Sacramento County	1,223,499	1,236,842	13,343	1.08
San Bernardino County	1,709,434	1,732,375	22,941	1.32
San Diego County	2,813,833	2,850,103	36,270	1.27
San Francisco County	776,733	788,191	11,458	1.45
San Joaquin County	563,598	571,318	7,720	1.35
San Mateo County	707,161	714,694	7,533	1.05
Santa Clara County	1,682,585	1,702,011	19,426	1.14
Ventura County	753,197	761,381	8,184	1.07
Colorado	4,301,261	4,356,148	54,887	1.26
Denver County	554,636	563,619	8,983	1.59
El Paso County	516,929	521,732	4,803	0.92
Jefferson County	527,056	529,927	2,871	0.54
Connecticut	3,405,565	3,438,923	33,358	0.97
Fairfield County	882,567	891,041	8,474	0.95
Hartford County	857,183	866,052	8,869	1.02
New Haven County	824,008	831,688	7,680	0.92
Delaware	783,600	795,533	11,933	1.50
New Castle County	500,265	507,573	7,308	1.44
Florida	15,982,378	16,183,048	200,670	1.24
Broward County	1,623,018	1,642,842	19,824	1.21
Miami-Dade County	2,253,362	2,297,091	43,729	1.90
Duval County	778,879	787,957	9,078	1.15
Hillsborough County	998,948	1,010,386	11,438	1.13
Orange County	896,344	907,877	11,533	1.27
Palm Beach County	1,131,184	1,142,954	11,770	1.03
Pinellas County	921,482	929,008	7,526	0.81
Georgia	8,186,453	8,309,433	122,980	1.48
Cobb County	607,751	616,952	9,201	1.49
DeKalb County	665,865	680,465	14,600	2.15
Fulton County	816,006	833,051	17,045	2.05
Gwinnett County	588,448	596,806	8,358	1.40

Footnotes appear at end of table.

Appendix B. Year 2000 Census Undercount by County, continued

State, County	2000 Population Projection		Estimated Undercount	
	Unadjusted Count ¹	Adjusted Count ²	Number ³	Rate ⁴
Hawaii	1,211,537	1,238,284	26,747	2.16
Honolulu County	876,156	894,559	18,403	2.06
Illinois	12,419,293	12,527,025	107,732	0.86
Cook County	5,376,741	5,453,560	76,819	1.41
DuPage County	904,161	907,141	2,980	0.33
Lake County	644,356	647,892	3,536	0.55
Will County	502,266	503,952	1,686	0.33
Indiana	6,080,485	6,127,668	47,183	0.77
Marion County	860,454	868,891	8,437	0.97
Kentucky	4,041,769	4,092,102	50,333	1.23
Jefferson County	693,604	701,961	8,357	1.19
Maryland	5,296,486	5,371,690	75,204	1.40
Baltimore City ⁵	651,154	664,993	13,839	2.08
Baltimore County	754,292	763,672	9,380	1.23
Montgomery County	873,341	885,453	12,112	1.37
Prince George's County	801,515	817,093	15,578	1.91
Massachusetts	6,349,097	6,397,720	48,623	0.76
Bristol County	534,678	537,658	2,980	0.55
Essex County	723,419	728,856	5,437	0.75
Middlesex County	1,465,396	1,474,743	9,347	0.63
Norfolk County	650,308	653,016	2,708	0.41
Suffolk County	689,807	701,348	11,541	1.65
Worcester County	750,963	755,887	4,924	0.65
Michigan	9,938,444	10,009,512	71,068	0.71
Kent County	574,335	577,662	3,327	0.58
Macomb County	788,149	790,664	2,515	0.32
Oakland County	1,194,156	1,200,981	6,825	0.57
Wayne County	2,061,162	2,091,394	30,232	1.45
Minnesota	4,919,479	4,933,787	14,308	0.29
Hennepin County	1,116,200	1,123,958	7,758	0.69
Ramsey County	511,035	513,913	2,878	0.56
Missouri	5,595,211	5,621,068	25,857	0.46
Jackson County	654,880	661,305	6,425	0.97
St. Louis County	1,016,315	1,022,272	5,957	0.58
Nevada	1,998,257	2,032,401	34,144	1.68
Clark County	1,375,765	1,396,215	20,450	1.46
New Jersey	8,414,350	8,512,241	97,891	1.15
Bergen County	884,118	892,354	8,236	0.92
Camden County	508,932	513,949	5,017	0.98
Essex County	793,633	808,624	14,991	1.85
Hudson County	608,975	622,595	13,620	2.19
Middlesex County	750,162	758,371	8,209	1.08
Monmouth County	615,301	620,014	4,713	0.76
Ocean County	510,916	514,011	3,095	0.60
Union County	522,541	529,612	7,071	1.34

Footnotes appear at end of table.

Appendix B. Year 2000 Census Undercount by County, continued

State, County	2000 Population Projection		Estimated Undercount	
	Unadjusted Count ¹	Adjusted Count ²	Number ³	Rate ⁴
New Mexico	1,819,046	1,855,034	35,988	1.94
Bernalillo County	556,678	564,539	7,861	1.39
New York	18,976,457	19,185,580	209,123	1.09
Bronx County	1,332,650	1,369,358	36,708	2.68
Erie County	950,265	955,016	4,751	0.50
Kings County	2,465,326	2,508,872	43,546	1.74
Monroe County	735,343	739,316	3,973	0.54
Nassau County	1,334,544	1,332,925	-1,619	-0.12
New York County	1,537,195	1,567,060	29,865	1.91
Queens County	2,229,379	2,257,703	28,324	1.25
Richmond County ⁶	443,728	445,203	1,475	0.33
Suffolk County	1,419,369	1,416,194	-3,175	-0.22
Westchester County	923,459	928,775	5,316	0.57
North Carolina	8,049,313	8,160,293	110,980	1.36
Mecklenburg County	695,454	707,386	11,932	1.69
Wake County	627,846	637,077	9,231	1.45
Ohio	11,353,140	11,418,224	65,084	0.57
Cuyahoga County	1,393,978	1,407,137	13,159	0.94
Franklin County	1,068,978	1,077,965	8,987	0.83
Hamilton County	845,303	852,737	7,434	0.87
Montgomery County	559,062	563,089	4,027	0.72
Summit County	542,899	545,497	2,598	0.48
Oklahoma	3,450,654	3,499,649	48,995	1.40
Oklahoma County	660,448	671,690	11,242	1.67
Tulsa County	563,299	571,988	8,689	1.52
Oregon	3,421,399	3,465,410	44,011	1.27
Multnomah County	660,486	666,731	6,245	0.94
Pennsylvania	12,281,054	12,382,591	101,537	0.82
Allegheny County	1,281,666	1,287,406	5,740	0.45
Bucks County	597,635	600,363	2,728	0.45
Delaware County	550,864	554,354	3,490	0.63
Montgomery County	750,097	754,000	3,903	0.52
Philadelphia County	1,517,550	1,536,930	19,380	1.26
Rhode Island	1,048,319	1,057,306	8,987	0.85
Providence County	621,602	625,596	3,994	0.64
Tennessee	5,689,283	5,760,133	70,850	1.23
Davidson County	569,891	578,765	8,874	1.53
Shelby County	897,472	912,769	15,297	1.68
Texas	20,851,820	21,225,387	373,567	1.52
Bexar County	1,392,931	1,419,991	27,060	1.33
Dallas County	2,218,899	2,266,128	47,229	0.89
El Paso County	679,622	693,922	14,300	1.59
Harris County	3,400,578	3,472,170	71,592	1.37
Hidalgo County	569,463	583,365	13,902	1.81
Tarrant County	1,446,219	1,470,880	24,661	1.22
Travis County	812,280	828,012	15,732	1.15

Footnotes appear at end of table.

Appendix B. Year 2000 Census Undercount by County, continued

State, County	2000 Population Projection		Estimated Undercount	
	Unadjusted Count ¹	Adjusted Count ²	Number ³	Rate ⁴
Utah	2,233,169	2,263,729	30,560	1.35
Salt Lake County	898,387	907,947	9,560	1.05
Virginia	7,078,515	7,173,928	95,413	1.33
Fairfax County	969,749	981,909	12,160	1.24
Washington	5,894,121	5,978,417	84,296	1.41
King County	1,737,034	1,757,102	20,068	1.14
Pierce County	700,820	709,038	8,218	1.16
Snohomish County	606,024	611,706	5,682	0.93
Wisconsin	5,363,675	5,401,485	37,810	0.70
Milwaukee County	940,164	951,412	11,248	1.18

¹Source: U.S. Census Bureau, *Census 2000 Redistricting Data (P.L. 94-171) Summary File, Table 1*.

²Equals unadjusted population count plus undercount.

³Equals adjusted minus unadjusted 2000 population projections.

⁴Undercount as a percent of adjusted population. U.S. Census Bureau and Dr. Eugene Ericksen, *Estimates of State and County Undercount Rates*, May 1, 2001.

⁵Baltimore City is an independent city (i.e., it is independent of any county organization).

⁶Richmond County is included in order to comprise the 5 counties of New York City.

Appendix C: 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 D-1 in Appendix D.

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 D-2 in Appendix D 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 D-3 in Appendix D 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 D-4 in Appendix D 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 D-5 in Appendix D 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 D-6 in Appendix D 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 D-7 in Appendix D 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 D-8 in Appendix D 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 D-9 in Appendix D 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 D: Estimated Funding Effect by State by Program

Table D-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	-112	-341	-367	-396	-426	-459	-4,850
Alaska	-293	-7,321	-7,945	-8,633	-9,363	-10,157	-108,455
Arizona	-476	-5,317	-5,745	-6,216	-6,715	-7,258	-77,201
Arkansas	-116	-1,172	-1,268	-1,373	-1,484	-1,606	-17,087
California	-3,823	-102,112	-110,676	-120,163	-130,220	-141,153	-1,506,191
Colorado	-100	-132	-135	-138	-141	-143	-1,429
Connecticut	184	245	249	254	259	264	2,635
Delaware	-88	-90	-92	-93	-95	-97	-963
District of Columbia	-106	-108	-110	-111	-113	-115	-1,145
Florida	-488	-6,247	-6,766	-7,337	-7,942	-8,600	-91,641
Georgia	-1,056	-14,265	-15,441	-16,735	-18,105	-19,598	-208,754
Hawaii	-399	-7,180	-7,778	-8,437	-9,136	-9,896	-105,516
Idaho	-198	-2,612	-2,826	-3,062	-3,311	-3,582	-38,145
Illinois	1,594	1,954	1,994	2,035	2,075	2,117	21,078
Indiana	971	15,518	16,804	18,220	19,720	21,354	227,572
Iowa	832	12,098	13,093	14,192	15,356	16,623	177,085
Kansas	583	8,653	9,366	10,153	10,986	11,893	126,708
Kentucky	-122	-1,314	-1,423	-1,543	-1,669	-1,808	-19,253
Louisiana	-348	-4,684	-5,075	-5,504	-5,959	-6,455	-68,794
Maine	-89	-1,862	-2,020	-2,194	-2,378	-2,578	-27,516
Maryland	-406	-514	-525	-535	-546	-557	-5,545
Massachusetts	744	953	971	991	1,010	1,029	10,258
Michigan	1,806	34,757	37,655	40,858	44,253	47,945	511,279
Minnesota	1,520	1,904	1,942	1,982	2,021	2,062	20,533
Mississippi	-113	-857	-927	-1,004	-1,085	-1,174	-12,481
Missouri	1,570	35,315	38,302	41,589	45,072	48,867	521,486
Montana	-110	-1,454	-1,575	-1,708	-1,848	-2,001	-21,326
Nebraska	431	7,579	8,212	8,908	9,647	10,450	111,424
Nevada	-318	-425	-434	-443	-451	-461	-4,591
New Hampshire	7	7	8	8	8	8	79
New Jersey	162	136	139	142	144	147	1,455
New Mexico	-394	-7,475	-8,100	-8,787	-9,516	-10,309	-109,930
New York	666	850	867	885	903	921	9,173
North Carolina	-660	-11,064	-11,992	-13,013	-14,094	-15,273	-162,873
North Dakota	122	2,164	2,347	2,547	2,760	2,992	31,917
Ohio	2,539	54,039	58,567	63,566	68,864	74,629	796,077
Oklahoma	-360	-3,439	-3,717	-4,023	-4,347	-4,700	-49,990
Oregon	-143	-2,285	-2,476	-2,687	-2,910	-3,153	-33,623
Pennsylvania	1,446	45,229	49,075	53,322	57,823	62,723	669,759
Rhode Island	104	4,765	5,179	5,634	6,117	6,643	71,011
South Carolina	-94	-629	-681	-738	-798	-863	-9,183
South Dakota	173	2,096	2,269	2,459	2,661	2,880	30,678
Tennessee	-216	-2,636	-2,857	-3,100	-3,357	-3,638	-38,777
Texas	-4,648	-69,361	-75,070	-81,350	-88,002	-95,247	-1,014,599
Utah	-111	-1,202	-1,299	-1,404	-1,517	-1,639	-17,424
Vermont	-73	-1,816	-1,971	-2,141	-2,322	-2,519	-26,894
Virginia	-391	-5,974	-6,468	-7,011	-7,588	-8,215	-87,539
Washington	-517	-12,489	-13,549	-14,715	-15,952	-17,299	-184,651
West Virginia	-2	-139	-151	-164	-179	-194	-2,076
Wisconsin	974	17,143	18,570	20,143	21,810	23,624	251,858
Wyoming	-58	-812	-879	-954	-1,032	-1,118	-11,920
Total, United States	0	-31,924	-34,726	-37,826	-41,114	-44,693	-478,297
Funding Gains	16,436	245,656	265,865	288,148	311,756	319,336	3,594,843
Funding Losses	-16,436	-277,580	-300,591	-325,974	-352,870	-364,028	-4,073,140

Source: PricewaterhouseCoopers calculations.

**Table D-2. Estimated Funding Effect of Census 2000 Undercount by State: Adoption Assistance,
FY 2002-2012** [Fiscal years; thousands of dollars]

State	2003	2004	2005	2006	2007	2003-2007	2003-2012
Alabama	-*	-*	-*	-*	-*	-1	-3
Alaska	-129	-138	-150	-162	-175	-755	-1,864
Arizona	-54	-58	-63	-68	-74	-317	-784
Arkansas	-6	-7	-7	-8	-9	-38	-93
California	-1,200	-1,281	-1,390	-1,507	-1,626	-7,005	-17,299
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	-24	-25	-27	-30	-32	-138	-342
Georgia	-88	-93	-101	-110	-119	-511	-1,262
Hawaii	-63	-67	-73	-79	-85	-366	-905
Idaho	-7	-7	-8	-8	-9	-39	-96
Illinois	0	0	0	0	0	0	0
Indiana	119	128	138	150	162	697	1,722
Iowa	178	190	206	224	241	1,039	2,567
Kansas	35	37	40	44	47	203	502
Kentucky	-3	-4	-4	-4	-5	-20	-49
Louisiana	-14	-15	-16	-17	-19	-80	-197
Maine	-12	-12	-14	-15	-16	-68	-168
Maryland	0	0	0	0	0	0	0
Massachusetts	0	0	0	0	0	0	0
Michigan	729	779	845	916	989	4,258	10,515
Minnesota	0	0	0	0	0	0	0
Mississippi	-2	-2	-2	-2	-2	-10	-26
Missouri	132	141	153	166	179	772	1,906
Montana	-7	-7	-8	-8	-9	-38	-94
Nebraska	48	51	56	60	65	281	694
Nevada	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0
New Jersey	0	0	0	0	0	0	0
New Mexico	-52	-55	-60	-65	-70	-303	-748
New York	0	0	0	0	0	0	0
North Carolina	-43	-45	-49	-53	-58	-248	-613
North Dakota	10	11	11	12	13	58	142
Ohio	457	488	530	574	620	2,669	6,592
Oklahoma	-16	-17	-19	-20	-22	-94	-232
Oregon	-22	-23	-25	-28	-30	-128	-316
Pennsylvania	203	216	235	255	275	1,183	2,922
Rhode Island	37	39	43	46	50	214	529
South Carolina	-2	-2	-3	-3	-3	-14	-33
South Dakota	11	11	12	14	15	63	155
Tennessee	-4	-5	-5	-6	-6	-26	-63
Texas	-340	-363	-394	-427	-461	-1,987	-4,906
Utah	-8	-8	-9	-10	-10	-44	-109
Vermont	-19	-21	-22	-24	-26	-113	-280
Virginia	-28	-30	-33	-35	-38	-164	-406
Washington	-85	-91	-99	-107	-115	-497	-1,226
West Virginia	-*	-*	-1	-1	-1	-3	-7
Wisconsin	178	190	206	223	241	1,038	2,563
Wyoming	-2	-2	-2	-3	-3	-12	-30
Total, United States	-93	-99	-108	-117	-126	-543	-1,340
Funding Gains	2,137	2,282	2,476	2,684	2,897	12,476	30,810
Funding Losses	-2,230	-2,381	-2,584	-2,800	-3,023	-13,018	-32,150

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.

States with zeros would have identical reimbursement rates using unadjusted or adjusted population counts. See footnote 12 in main report.

Table D-3. Estimated Funding Effect of Census 2000 Undercount by State: Child Care and Development Block Grant, FY 2002-2012 [Fiscal years; thousands of dollars]

State	2002	2003	2004	2005	2006	2002-2006	2002-2011
Alabama	-63	-64	-65	-67	-68	-327	-691
Alaska	-95	-97	-100	-102	-104	-498	-1,050
Arizona	-133	-136	-139	-142	-144	-693	-1,462
Arkansas	-33	-34	-34	-35	-36	-171	-361
California	-766	-782	-798	-815	-832	-3,993	-8,422
Colorado	-12	-12	-13	-13	-13	-64	-134
Connecticut	35	36	36	37	38	181	383
Delaware	-24	-24	-25	-25	-26	-125	-263
District of Columbia	-18	-18	-18	-19	-19	-91	-193
Florida	-175	-179	-182	-186	-190	-913	-1,925
Georgia	-345	-353	-360	-368	-375	-1,800	-3,798
Hawaii	-148	-152	-155	-158	-161	-774	-1,634
Idaho	-23	-24	-24	-25	-25	-121	-255
Illinois	477	487	497	508	518	2,487	5,245
Indiana	260	266	271	277	283	1,358	2,864
Iowa	230	235	240	245	250	1,200	2,530
Kansas	168	172	175	179	183	878	1,851
Kentucky	-40	-41	-42	-43	-44	-209	-441
Louisiana	-93	-95	-97	-99	-101	-487	-1,026
Maine	-47	-48	-49	-50	-52	-247	-521
Maryland	-90	-92	-94	-96	-98	-472	-995
Massachusetts	241	246	251	256	262	1,255	2,648
Michigan	467	477	487	497	508	2,437	5,140
Minnesota	392	400	409	417	426	2,043	4,311
Mississippi	-44	-45	-46	-47	-48	-231	-488
Missouri	428	437	446	456	465	2,233	4,710
Montana	-11	-11	-12	-12	-12	-58	-123
Nebraska	122	125	128	130	133	638	1,346
Nevada	-70	-72	-73	-75	-76	-367	-774
New Hampshire	-4	-5	-5	-5	-5	-23	-49
New Jersey	87	88	90	92	94	451	952
New Mexico	-39	-40	-41	-42	-43	-205	-432
New York	218	223	228	232	237	1,138	2,401
North Carolina	-225	-230	-235	-240	-245	-1,174	-2,477
North Dakota	23	24	24	25	25	121	256
Ohio	600	613	625	639	652	3,129	6,600
Oklahoma	-97	-99	-101	-103	-105	-505	-1,066
Oregon	-45	-46	-47	-48	-49	-236	-499
Pennsylvania	287	293	299	305	312	1,496	3,156
Rhode Island	36	36	37	38	39	186	392
South Carolina	-45	-46	-47	-48	-49	-234	-494
South Dakota	62	63	65	66	67	324	683
Tennessee	-98	-100	-103	-105	-107	-513	-1,082
Texas	-1,317	-1,345	-1,373	-1,402	-1,431	-6,869	-14,489
Utah	-3	-3	-3	-3	-3	-15	-33
Vermont	-30	-31	-32	-32	-33	-159	-335
Virginia	-91	-93	-95	-97	-99	-476	-1,005
Washington	-128	-131	-134	-137	-139	-669	-1,411
West Virginia	2	2	2	2	2	11	24
Wisconsin	239	244	249	255	260	1,247	2,631
Wyoming	-18	-18	-19	-19	-19	-93	-196
Total, United States	0	0	0	0	0	0	0
Funding Gains	4,375	4,467	4,561	4,657	4,754	22,813	48,122
Funding Losses	-4,375	-4,467	-4,561	-4,657	-4,754	-22,813	-48,122

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 D-4. Estimated Funding Effect of Census 2000 Undercount by State: Foster Care, FY 2002-2012
[Fiscal years; thousands of dollars]

State	2003	2004	2005	2006	2007	2003-2007	2003-2012
Alabama	-*	-1	-1	-1	-1	-3	-7
Alaska	-67	-72	-78	-85	-91	-393	-970
Arizona	-74	-80	-86	-94	-101	-435	-1,074
Arkansas	-8	-8	-9	-10	-11	-45	-112
California	-4,072	-4,349	-4,719	-5,114	-5,520	-23,773	-58,710
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	-63	-67	-73	-79	-85	-367	-907
Georgia	-117	-124	-135	-146	-158	-680	-1,680
Hawaii	-112	-120	-130	-141	-152	-656	-1,620
Idaho	-5	-6	-6	-7	-7	-31	-77
Illinois	0	0	0	0	0	0	0
Indiana	143	153	166	180	194	837	2,068
Iowa	219	233	253	274	296	1,276	3,151
Kansas	222	237	258	279	301	1,298	3,206
Kentucky	-14	-15	-17	-18	-19	-83	-206
Louisiana	-44	-47	-51	-55	-60	-257	-636
Maine	-61	-65	-71	-77	-83	-357	-881
Maryland	0	0	0	0	0	0	0
Massachusetts	0	0	0	0	0	0	0
Michigan	609	651	706	765	826	3,558	8,787
Minnesota	0	0	0	0	0	0	0
Mississippi	-2	-2	-2	-2	-2	-10	-25
Missouri	314	336	364	395	426	1,836	4,534
Montana	-15	-16	-17	-19	-20	-88	-216
Nebraska	126	134	145	158	170	733	1,810
Nevada	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0
New Jersey	0	0	0	0	0	0	0
New Mexico	-39	-41	-45	-49	-52	-225	-557
New York	0	0	0	0	0	0	0
North Carolina	-107	-115	-124	-135	-145	-626	-1,547
North Dakota	34	37	40	43	47	200	495
Ohio	1,310	1,399	1,518	1,645	1,776	7,647	18,885
Oklahoma	-43	-46	-49	-54	-58	-249	-615
Oregon	-18	-19	-21	-23	-25	-106	-262
Pennsylvania	1,203	1,285	1,395	1,512	1,632	7,027	17,354
Rhode Island	32	34	37	40	43	185	457
South Carolina	-2	-2	-3	-3	-3	-13	-32
South Dakota	21	23	25	27	29	124	307
Tennessee	-10	-11	-12	-13	-14	-61	-151
Texas	-596	-636	-690	-748	-808	-3,478	-8,589
Utah	-6	-6	-7	-8	-8	-35	-87
Vermont	-51	-55	-59	-64	-69	-298	-736
Virginia	-83	-88	-96	-104	-112	-482	-1,191
Washington	-83	-89	-97	-105	-113	-486	-1,201
West Virginia	-1	-2	-2	-2	-2	-9	-21
Wisconsin	289	309	335	364	392	1,690	4,173
Wyoming	-8	-9	-10	-11	-12	-50	-122
Total, United States	-1,179	-1,259	-1,367	-1,481	-1,599	-6,885	-17,004
Funding Gains	4,524	4,831	5,243	5,682	6,133	26,412	65,228
Funding Losses	-5,703	-6,091	-6,609	-7,163	-7,732	-33,297	-82,231

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.

States with zeros would have identical reimbursement rates using unadjusted or adjusted population counts. See footnote 12 in main report.

Table D-5. Estimated Funding Effect of Census 2000 Undercount by State: Medicaid, FY 2002-2012 [Fiscal years; thousands of dollars]

State	2003	2004	2005	2006	2007	2003-2007	2003-2012
Alabama	-282	-307	-335	-364	-395	-1,683	-4,233
Alaska	-6,826	-7,430	-8,095	-8,800	-9,568	-40,719	-102,424
Arizona	-4,594	-5,001	-5,448	-5,922	-6,440	-27,404	-68,932
Arkansas	-1,043	-1,135	-1,237	-1,344	-1,462	-6,221	-15,649
California	-91,356	-99,449	-108,343	-117,773	-128,062	-544,984	-1,370,847
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	-5,681	-6,184	-6,737	-7,323	-7,963	-33,889	-85,243
Georgia	-12,836	-13,973	-15,223	-16,548	-17,994	-76,573	-192,612
Hawaii	-6,504	-7,080	-7,713	-8,385	-9,117	-38,798	-97,593
Idaho	-2,353	-2,561	-2,790	-3,033	-3,298	-14,034	-35,301
Illinois	0	0	0	0	0	0	0
Indiana	14,037	15,281	16,647	18,096	19,677	83,739	210,636
Iowa	10,702	11,650	12,692	13,797	15,002	63,842	160,588
Kansas	7,689	8,370	9,119	9,912	10,778	45,868	115,376
Kentucky	-1,191	-1,297	-1,413	-1,536	-1,670	-7,107	-17,876
Louisiana	-4,284	-4,663	-5,080	-5,523	-6,005	-25,555	-64,282
Maine	-1,699	-1,849	-2,015	-2,190	-2,381	-10,134	-25,492
Maryland	0	0	0	0	0	0	0
Massachusetts	0	0	0	0	0	0	0
Michigan	31,167	33,928	36,962	40,179	43,690	185,926	467,677
Minnesota	0	0	0	0	0	0	0
Mississippi	-766	-834	-908	-987	-1,073	-4,568	-11,490
Missouri	32,931	35,848	39,054	42,453	46,162	196,447	494,142
Montana	-1,320	-1,437	-1,566	-1,702	-1,851	-7,876	-19,812
Nebraska	6,883	7,492	8,162	8,873	9,648	41,059	103,278
Nevada	0	0	0	0	0	0	0
New Hampshire	0	0	0	0	0	0	0
New Jersey	0	0	0	0	0	0	0
New Mexico	-6,865	-7,474	-8,142	-8,851	-9,624	-40,955	-103,018
New York	0	0	0	0	0	0	0
North Carolina	-10,194	-11,097	-12,089	-13,142	-14,290	-60,811	-152,964
North Dakota	1,996	2,173	2,367	2,573	2,798	11,908	29,952
Ohio	48,999	53,340	58,110	63,168	68,687	292,304	735,259
Oklahoma	-3,010	-3,276	-3,569	-3,880	-4,219	-17,955	-45,164
Oregon	-2,095	-2,280	-2,484	-2,700	-2,936	-12,495	-31,431
Pennsylvania	41,897	45,609	49,687	54,012	58,731	249,936	628,685
Rhode Island	4,591	4,998	5,445	5,919	6,436	27,390	68,896
South Carolina	-566	-617	-672	-730	-794	-3,379	-8,499
South Dakota	1,888	2,055	2,239	2,433	2,646	11,260	28,324
Tennessee	-2,443	-2,659	-2,897	-3,149	-3,424	-14,573	-36,656
Texas	-62,320	-67,841	-73,908	-80,341	-87,360	-371,770	-935,148
Utah	-1,044	-1,137	-1,239	-1,346	-1,464	-6,231	-15,672
Vermont	-1,671	-1,819	-1,982	-2,155	-2,343	-9,970	-25,078
Virginia	-5,382	-5,858	-6,382	-6,938	-7,544	-32,105	-80,755
Washington	-11,693	-12,729	-13,867	-15,075	-16,391	-69,756	-175,463
West Virginia	-135	-147	-160	-174	-189	-806	-2,027
Wisconsin	15,463	16,833	18,339	19,935	21,676	92,246	232,035
Wyoming	-742	-808	-880	-957	-1,041	-4,429	-11,140
Total, United States	-30,652	-33,368	-36,352	-39,516	-42,968	-182,855	-459,953
Funding Gains	218,243	237,577	258,823	281,352	305,931	1,301,925	3,274,850
Funding Losses	-248,895	-270,945	-295,175	-320,868	-348,899	-1,484,781	-3,734,802

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.

States with zeros would have identical reimbursement rates using unadjusted or adjusted population counts. See footnote 12 in main report.

**Table D-6. Estimated Funding Effect of Census 2000 Undercount by State: Rehabilitation Services,
FY 2002-2012 [Fiscal years; thousands of dollars]**

State	2002	2003	2004	2005	2006	2002-2006	2002-2011
Alabama	-7	-7	-8	-8	-8	-38	-80
Alaska	-139	-142	-146	-150	-153	-730	-1,556
Arizona	-187	-191	-196	-201	-206	-982	-2,095
Arkansas	-41	-42	-43	-44	-45	-216	-460
California	-1,667	-1,707	-1,752	-1,798	-1,843	-8,767	-18,693
Colorado	-48	-49	-50	-51	-53	-251	-535
Connecticut	82	84	87	89	91	433	923
Delaware	-35	-36	-37	-38	-39	-185	-395
District of Columbia	-56	-58	-59	-61	-62	-297	-632
Florida	-139	-143	-146	-150	-154	-732	-1,560
Georgia	-357	-365	-375	-385	-394	-1,876	-4,000
Hawaii	-176	-181	-185	-190	-195	-927	-1,977
Idaho	-92	-95	-97	-100	-102	-485	-1,035
Illinois	549	562	577	592	607	2,887	6,156
Indiana	371	380	390	400	410	1,953	4,163
Iowa	306	314	322	330	339	1,611	3,436
Kansas	209	214	219	225	231	1,097	2,339
Kentucky	-32	-32	-33	-34	-35	-167	-355
Louisiana	-112	-114	-117	-120	-123	-587	-1,251
Maine	-30	-30	-31	-32	-33	-156	-332
Maryland	-162	-166	-170	-175	-179	-852	-1,816
Massachusetts	343	351	361	370	379	1,804	3,847
Michigan	688	705	723	742	761	3,619	7,717
Minnesota	606	620	636	653	669	3,184	6,789
Mississippi	-27	-28	-28	-29	-30	-142	-302
Missouri	596	610	626	642	658	3,132	6,678
Montana	-56	-57	-58	-60	-61	-292	-623
Nebraska	155	159	163	168	172	817	1,742
Nevada	-131	-134	-138	-141	-145	-689	-1,469
New Hampshire	8	8	9	9	9	44	93
New Jersey	29	30	31	31	32	153	327
New Mexico	-214	-220	-225	-231	-237	-1,127	-2,404
New York	218	223	229	235	241	1,145	2,442
North Carolina	-212	-217	-223	-229	-235	-1,116	-2,379
North Dakota	71	72	74	76	78	372	794
Ohio	1,029	1,054	1,082	1,110	1,138	5,413	11,541
Oklahoma	-118	-121	-124	-127	-130	-620	-1,322
Oregon	-46	-47	-48	-50	-51	-242	-515
Pennsylvania	636	652	668	686	703	3,345	7,132
Rhode Island	48	49	50	51	53	251	535
South Carolina	-13	-13	-13	-14	-14	-66	-141
South Dakota	70	72	74	76	78	370	789
Tennessee	-43	-44	-45	-47	-48	-227	-484
Texas	-1,787	-1,829	-1,877	-1,926	-1,974	-9,393	-20,028
Utah	-58	-59	-61	-62	-64	-303	-647
Vermont	-30	-31	-32	-33	-34	-160	-341
Virginia	-153	-157	-161	-165	-169	-805	-1,717
Washington	-195	-200	-205	-210	-216	-1,027	-2,189
West Virginia	-3	-3	-3	-3	-3	-15	-32
Wisconsin	378	387	397	408	418	1,988	4,238
Wyoming	-28	-29	-30	-30	-31	-148	-316
Total, United States	0	0	0	0	0	0	0
Funding Gains	6,394	6,548	6,718	6,893	7,066	33,618	71,680
Funding Losses	-6,394	-6,548	-6,718	-6,893	-7,066	-33,618	-71,680

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 D-7. Estimated Funding Effect of Census 2000 Undercount by State: Social Services Block Grant, FY 2002-2012 [Fiscal years; thousands of dollars]

State	2002	2003	2004	2005	2006	2002-2006	2002-2011
Alabama	-4	-4	-4	-4	-4	-19	-39
Alaska	-59	-59	-59	-59	-59	-295	-590
Arizona	-76	-76	-76	-76	-76	-382	-764
Arkansas	-17	-17	-17	-17	-17	-83	-167
California	-718	-718	-718	-718	-718	-3,589	-7,179
Colorado	-21	-21	-21	-21	-21	-107	-214
Connecticut	42	42	42	42	42	212	423
Delaware	-15	-15	-15	-15	-15	-77	-154
District of Columbia	-32	-32	-32	-32	-32	-160	-320
Florida	-61	-61	-61	-61	-61	-304	-608
Georgia	-149	-149	-149	-149	-149	-745	-1,490
Hawaii	-74	-74	-74	-74	-74	-370	-739
Idaho	-37	-37	-37	-37	-37	-183	-366
Illinois	240	240	240	240	240	1,198	2,396
Indiana	151	151	151	151	151	754	1,507
Iowa	124	124	124	124	124	622	1,244
Kansas	85	85	85	85	85	427	855
Kentucky	-13	-13	-13	-13	-13	-67	-134
Louisiana	-45	-45	-45	-45	-45	-225	-451
Maine	-12	-12	-12	-12	-12	-61	-121
Maryland	-73	-73	-73	-73	-73	-364	-729
Massachusetts	160	160	160	160	160	802	1,604
Michigan	287	287	287	287	287	1,435	2,870
Minnesota	263	263	263	263	263	1,315	2,630
Mississippi	-11	-11	-11	-11	-11	-56	-111
Missouri	244	244	244	244	244	1,219	2,438
Montana	-22	-22	-22	-22	-22	-110	-219
Nebraska	64	64	64	64	64	320	640
Nevada	-58	-58	-58	-58	-58	-288	-575
New Hampshire	3	3	3	3	3	17	35
New Jersey	13	13	13	13	13	66	132
New Mexico	-84	-84	-84	-84	-84	-420	-840
New York	98	98	98	98	98	490	980
North Carolina	-89	-89	-89	-89	-89	-443	-885
North Dakota	28	28	28	28	28	139	279
Ohio	425	425	425	425	425	2,126	4,253
Oklahoma	-47	-47	-47	-47	-47	-237	-473
Oregon	-20	-20	-20	-20	-20	-98	-196
Pennsylvania	267	267	267	267	267	1,334	2,668
Rhode Island	20	20	20	20	20	101	202
South Carolina	-6	-6	-6	-6	-6	-29	-59
South Dakota	28	28	28	28	28	141	282
Tennessee	-19	-19	-19	-19	-19	-93	-186
Texas	-739	-739	-739	-739	-739	-3,694	-7,388
Utah	-23	-23	-23	-23	-23	-116	-233
Vermont	-12	-12	-12	-12	-12	-62	-125
Virginia	-67	-67	-67	-67	-67	-333	-665
Washington	-85	-85	-85	-85	-85	-424	-847
West Virginia	-2	-2	-2	-2	-2	-8	-16
Wisconsin	156	156	156	156	156	780	1,560
Wyoming	-12	-12	-12	-12	-12	-58	-116
Total, United States	0	0	0	0	0	0	0
Funding Gains	2,700	2,700	2,700	2,700	2,700	13,499	26,998
Funding Losses	-2,700	-2,700	-2,700	-2,700	-2,700	-13,499	-26,998

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 D-8. Estimated Funding Effect of Census 2000 Undercount by State: Substance Abuse Prevention and Treatment Block Grant, FY 2002-2012 [Fiscal years; thousands of dollars]

State	2003	2004	2005	2006	2007	2003-2007	2003-2012
Alabama	56	57	59	60	61	293	621
Alaska	0	0	0	0	0	0	0
Arizona	-109	-112	-114	-117	-119	-571	-1,208
Arkansas	3	3	4	4	4	18	38
California	-1,591	-1,626	-1,663	-1,700	-1,738	-8,317	-17,604
Colorado	-30	-31	-32	-32	-33	-158	-335
Connecticut	58	59	60	61	63	301	636
Delaware	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	0	0	0
Florida	17	18	18	18	19	90	190
Georgia	-149	-152	-156	-159	-163	-779	-1,649
Hawaii	-95	-97	-99	-101	-104	-496	-1,049
Idaho	-46	-47	-48	-49	-50	-242	-512
Illinois	330	337	345	352	360	1,724	3,649
Indiana	228	233	238	244	249	1,192	2,523
Iowa	151	154	158	161	165	790	1,672
Kansas	113	115	118	120	123	589	1,248
Kentucky	19	20	20	21	21	100	213
Louisiana	12	13	13	13	13	64	136
Maine	0	0	0	0	0	0	0
Maryland	-100	-102	-105	-107	-109	-524	-1,108
Massachusetts	195	199	204	208	213	1,020	2,158
Michigan	411	420	430	439	449	2,149	4,548
Minnesota	356	363	372	380	388	1,859	3,934
Mississippi	27	28	28	29	30	142	301
Missouri	338	345	353	361	369	1,766	3,737
Montana	0	0	0	0	0	0	0
Nebraska	84	86	88	89	91	438	927
Nevada	-101	-103	-106	-108	-111	-529	-1,120
New Hampshire	0	0	0	0	0	0	0
New Jersey	-29	-30	-31	-31	-32	-153	-324
New Mexico	-118	-121	-124	-127	-129	-619	-1,310
New York	171	174	178	182	186	892	1,887
North Carolina	-47	-48	-49	-50	-51	-246	-520
North Dakota	0	0	0	0	0	0	0
Ohio	685	701	716	732	749	3,583	7,584
Oklahoma	-3	-3	-3	-3	-3	-17	-35
Oregon	-4	-4	-4	-4	-4	-21	-45
Pennsylvania	452	462	473	483	494	2,365	5,006
Rhode Island	0	0	0	0	0	0	0
South Carolina	38	38	39	40	41	196	415
South Dakota	0	0	0	0	0	0	0
Tennessee	42	43	44	45	46	219	464
Texas	-1,368	-1,398	-1,429	-1,461	-1,494	-7,150	-15,134
Utah	-31	-32	-33	-33	-34	-164	-346
Vermont	0	0	0	0	0	0	0
Virginia	-82	-84	-86	-88	-90	-431	-912
Washington	-100	-103	-105	-107	-110	-525	-1,111
West Virginia	*	*	*	*	*	2	4
Wisconsin	220	225	230	235	240	1,148	2,430
Wyoming	0	0	0	0	0	0	0
Total, United States	0	0	0	0	0	0	0
Funding Gains	4,005	4,095	4,186	4,279	4,375	20,940	44,321
Funding Losses	-4,005	-4,095	-4,186	-4,279	-4,375	-20,940	-44,321

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. States with zeros would have identical reimbursement rates using unadjusted or adjusted population counts.

**Table D-9. Estimated Funding Effect of Census 2000 Undercount by State: Vocational Education,
FY 2002-2012** [Fiscal years; thousands of dollars]

State	2002	2003	2004	2005	2006	2002-2006	2002-2011
Alabama	-38	-39	-40	-40	-41	-198	-419
Alaska	0	0	0	0	0	0	0
Arizona	-80	-81	-83	-85	-87	-417	-882
Arkansas	-26	-26	-27	-27	-28	-134	-283
California	-672	-687	-702	-718	-734	-3,514	-7,438
Colorado	-19	-20	-20	-20	-21	-100	-211
Connecticut	24	25	25	26	27	127	270
Delaware	-14	-14	-14	-15	-15	-71	-151
District of Columbia	0	0	0	0	0	0	0
Florida	-113	-115	-118	-120	-123	-589	-1,247
Georgia	-205	-209	-214	-219	-223	-1,069	-2,263
Hawaii	0	0	0	0	0	0	0
Idaho	-46	-47	-48	-49	-50	-238	-504
Illinois	328	335	343	351	358	1,716	3,631
Indiana	189	193	197	202	206	987	2,089
Iowa	171	175	179	183	187	896	1,897
Kansas	120	123	126	129	131	629	1,331
Kentucky	-37	-37	-38	-39	-40	-191	-405
Louisiana	-98	-100	-103	-105	-107	-514	-1,087
Maine	0	0	0	0	0	0	0
Maryland	-81	-83	-85	-87	-89	-424	-898
Massachusetts	0	0	0	0	0	0	0
Michigan	364	372	380	389	397	1,901	4,024
Minnesota	259	265	271	277	283	1,356	2,869
Mississippi	-31	-31	-32	-33	-34	-161	-340
Missouri	302	309	316	323	330	1,579	3,341
Montana	-22	-22	-23	-23	-24	-113	-238
Nebraska	89	91	93	95	97	466	987
Nevada	-59	-60	-62	-63	-64	-308	-653
New Hampshire	0	0	0	0	0	0	0
New Jersey	33	34	35	35	36	174	367
New Mexico	-56	-57	-59	-60	-61	-293	-621
New York	132	135	138	141	144	691	1,462
North Carolina	-134	-137	-141	-144	-147	-703	-1,488
North Dakota	0	0	0	0	0	0	0
Ohio	485	495	507	518	529	2,534	5,363
Oklahoma	-98	-100	-102	-105	-107	-512	-1,083
Oregon	-33	-33	-34	-35	-36	-170	-360
Pennsylvania	256	262	268	274	280	1,340	2,835
Rhode Island	0	0	0	0	0	0	0
South Carolina	-31	-32	-32	-33	-34	-161	-341
South Dakota	13	13	13	13	14	66	139
Tennessee	-56	-57	-58	-60	-61	-292	-618
Texas	-806	-824	-842	-861	-880	-4,213	-8,916
Utah	-27	-27	-28	-29	-29	-140	-297
Vermont	0	0	0	0	0	0	0
Virginia	-80	-82	-84	-86	-88	-419	-887
Washington	-109	-111	-114	-116	-119	-568	-1,203
West Virginia	0	0	0	0	0	0	0
Wisconsin	201	206	210	215	220	1,052	2,227
Wyoming	0	0	0	0	0	0	0
Total, United States	0	0	0	0	0	0	0
Funding Gains	2,967	3,033	3,101	3,170	3,241	15,513	32,835
Funding Losses	-2,967	-3,033	-3,101	-3,170	-3,241	-15,513	-32,835

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. States with zeros would have identical reimbursement rates using unadjusted or adjusted population counts.

Appendix E: Estimated Funding Effect by Selected County

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

State, County	Between- State Effects (Thousands)	Within- State Effects (Thousands)	Net Effect	
			Amount (Thousands)	Percent ¹
Alabama				
Jefferson County	-722	-19,846	-20,568	-0.4%
Arizona				
Maricopa County	-46,227	48,614	2,387	*
Pima County	-12,696	11,000	-1,696	*
California				
Alameda County	-64,200	20,600	-43,599	-0.4%
Contra Costa County	-42,192	45,820	3,628	0.1%
Fresno County	-35,548	-4,494	-40,042	-0.7%
Kern County	-29,422	7,574	-21,848	-0.4%
Los Angeles County	-423,302	-212,558	-635,860	-0.9%
Orange County	-126,568	64,807	-61,761	-0.3%
Riverside County	-68,720	43,634	-25,086	-0.2%
Sacramento County	-54,406	41,399	-13,008	-0.1%
San Bernardino County	-76,014	25,725	-50,289	-0.4%
San Diego County	-125,124	53,499	-71,626	-0.3%
San Francisco County	-34,539	3,962	-30,578	-0.5%
San Joaquin County	-25,062	7,310	-17,752	-0.4%
San Mateo County	-31,446	25,268	-6,177	-0.1%
Santa Clara County	-74,821	48,889	-25,932	-0.2%
Ventura County	-33,493	25,711	-7,782	-0.1%
Colorado				
Denver County	-184	-9,072	-9,257	-0.3%
El Paso County	-172	8,539	8,368	0.3%
Jefferson County	-175	18,354	18,179	0.7%
Connecticut				
Fairfield County	683	1,591	2,274	*
Hartford County	663	-4,412	-3,749	*
New Haven County	638	3,651	4,288	0.1%
Delaware				
New Castle County	-615	2,237	1,622	*
Florida				
Broward County	-9,306	3,303	-6,003	-0.1%
Miami-Dade County	-12,921	-92,026	-104,947	-0.8%
Duval County	-4,466	4,183	-283	*
Hillsborough County	-5,728	6,585	857	*
Orange County	-5,140	-1,665	-6,804	-0.1%
Palm Beach County	-6,486	14,506	8,020	0.1%
Pinellas County	-5,284	24,111	18,827	0.3%
Georgia				
Cobb County	-15,498	-436	-15,934	-0.4%
DeKalb County	-16,980	-28,267	-45,246	-1.1%
Fulton County	-20,808	-29,435	-50,243	-1.0%
Gwinnett County	-15,005	2,965	-12,040	-0.3%

Footnotes appear at end of table.

Appendix E. Estimated Funding Effect of Census 2000 Undercount by County, continued

State, County	Between- State Effects (Thousands)	Within- State Effects (Thousands)	Net Effect	
			Amount (Thousands)	Percent ¹
Hawaii				
Honolulu County	-76,307	5,911	-70,396	-1.3%
Illinois				
Cook County	9,125	-201,695	-192,570	-0.5%
DuPage County	1,535	32,506	34,041	0.6%
Lake County	1,094	13,728	14,821	0.3%
Will County	852	17,852	18,705	0.6%
Indiana				
Marion County	32,204	-13,328	18,875	0.3%
Kentucky				
Jefferson County	-3,304	2,792	-512	*
Maryland				
Baltimore City ²	-682	-28,288	-28,970	-0.7%
Baltimore County	-790	8,194	7,404	0.2%
Montgomery County	-914	1,773	859	*
Prince George's County	-839	-25,851	-26,690	-0.5%
Massachusetts				
Bristol County	864	10,465	11,329	0.2%
Essex County	1,169	969	2,138	*
Middlesex County	2,368	17,610	19,978	0.1%
Norfolk County	1,051	21,335	22,386	0.4%
Suffolk County	1,114	-58,776	-57,661	-0.9%
Worcester County	1,213	7,767	8,980	0.1%
Michigan				
Kent County	29,546	5,806	35,352	0.8%
Macomb County	40,546	23,228	63,774	1.1%
Oakland County	61,433	12,756	74,189	0.8%
Wayne County	106,036	-115,309	-9,273	-0.1%
Minnesota				
Hennepin County	4,659	-36,992	-32,333	-0.4%
Ramsey County	2,133	-11,410	-9,277	-0.2%
Missouri				
Jackson County	61,036	-34,949	26,087	0.4%
St. Louis County	94,723	-12,962	81,761	0.8%
Nevada				
Clark County	-3,161	10,907	7,746	0.2%
New Jersey				
Bergen County	153	15,674	15,826	0.2%
Camden County	88	6,913	7,001	0.2%
Essex County	137	-44,037	-43,900	-0.7%
Hudson County	105	-49,981	-49,876	-1.0%
Middlesex County	130	3,964	4,094	0.1%
Monmouth County	106	18,700	18,807	0.4%
Ocean County	88	21,788	21,876	0.6%
Union County	90	-7,586	-7,496	-0.2%

Footnotes appear at end of table.

Appendix E. Estimated Funding Effect of Census 2000 Undercount by County, continued

State, County	Between- State Effects (Thousands)	Within- State Effects (Thousands)	Net Effect	
			Amount (Thousands)	Percent ¹
New Mexico				
Bernalillo County	-33,641	35,946	2,305	*
New York				
Bronx County	644	-362,643	-361,999	-1.6%
Erie County	459	94,212	94,671	0.6%
Kings County	1,192	-269,695	-268,503	-0.6%
Monroe County	355	68,026	68,381	0.6%
Nassau County	645	268,842	269,487	1.2%
New York County	743	-212,837	-212,094	-0.8%
Queens County	1,078	-61,842	-60,764	-0.2%
Richmond County ³	214	56,239	56,454	0.8%
Suffolk County	686	309,855	310,542	1.3%
Westchester County	446	80,046	80,493	0.5%
North Carolina				
Mecklenburg County	-14,072	-20,426	-34,498	-0.6%
Wake County	-12,704	-5,006	-17,711	-0.3%
Ohio				
Cuyahoga County	97,745	-43,725	54,020	0.5%
Franklin County	74,956	-24,186	50,770	0.6%
Hamilton County	59,272	-21,898	37,374	0.5%
Montgomery County	39,201	-6,952	32,249	0.7%
Summit County	38,068	4,354	42,422	0.9%
Oklahoma				
Oklahoma County	-9,568	-14,869	-24,437	-0.5%
Tulsa County	-8,161	-5,506	-13,667	-0.3%
Oregon				
Multnomah County	-6,491	18,207	11,717	0.2%
Pennsylvania				
Allegheny County	69,897	46,631	116,528	0.9%
Bucks County	32,593	21,247	53,839	0.9%
Delaware County	30,042	10,219	40,261	0.8%
Montgomery County	40,907	22,067	62,974	0.9%
Philadelphia County	82,761	-65,610	17,151	0.1%
Rhode Island				
Providence County	42,106	15,920	58,026	0.8%
Tennessee				
Davidson County	-3,884	-18,895	-22,779	-0.4%
Shelby County	-6,117	-43,818	-49,935	-0.5%
Texas				
Bexar County	-67,777	-13,601	-81,378	-0.9%
Dallas County	-107,966	-48,311	-156,278	-1.1%
El Paso County	-33,069	-13,728	-46,797	-1.0%
Harris County	-165,464	-68,936	-234,400	-1.0%
Hidalgo County	-27,709	-23,907	-51,615	-1.4%
Tarrant County	-70,369	8,068	-62,301	-0.7%
Travis County	-39,524	-7,625	-47,148	-0.9%

Footnotes appear at end of table.

Appendix E. Estimated Funding Effect of Census 2000 Undercount by County, continue

State, County	Between- State Effects (Thousands)	Within- State Effects (Thousands)	Net Effect	
			Amount (Thousands)	Percent ¹
Utah				
Salt Lake County	-7,009	14,914	7,904	0.2%
Virginia				
Fairfax County	-11,993	4,135	-7,858	-0.2%
Washington				
King County	-54,418	35,842	-18,575	-0.1%
Pierce County	-21,955	13,550	-8,405	-0.2%
Snohomish County	-18,986	22,409	3,423	0.1%
Wisconsin				
Milwaukee County	44,147	-33,665	10,481	0.2%

Source: PricewaterhouseCoopers calculations.

* Denotes less than 0.05%.

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

² Baltimore City is an independent city (i.e., it is independent of any county organization).

³ Richmond County is included in order to comprise the 5 counties of New York City.

Appendix F: Contact Information

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