March 2003 25

The following is a reprint of a set of fliers that presents an overview of the principal statistics prepared by BEA's regional economics program.



# **BEA's Regional Accounts**

The Bureau of Economic Analysis prepares regional economic accounts for the United States. These accounts consist of estimates of State and local area personal income and of gross state product; these estimates are consistent with estimates of personal income and gross domestic product in the Bureau's national economic accounts. BEA also prepares, on a reimbursable basis, regional economic multipliers for areas specified by users.

# State personal Income

BEA's annual and quarterly estimates of State personal income provide a framework for analyzing individual State economies, and they show how State economies compare with each other. These estimates are widely used by government officials and private citizens to track the levels and types of incomes that are received by the people who live or work in a State.

The personal income of a State is the income received by, or on behalf of, the residents of the State. Estimates of labor and proprietors' earnings by place of work indicate the economic activity of business and government within the State, and estimates of personal income by place of residence indicate the income within a State that is available for spending. BEA's annual estimates of per capita personal income are an indicator of the economic well-being of the residents of a State.

#### Local area personal income

BEA's annual estimates of personal income for local areas provide the most detailed economic pictures of local areas that are available. These estimates are used by State and local governments for economic planning and by businesses to evaluate marketing strategies.

The personal income of a local area is the income received by, or on behalf of, the residents of the area. BEA prepares estimates for 3,110 counties, 335 metropolitan areas, and 172 BEA economic areas. The esti-

mates include labor and proprietors' earnings by place of work that indicate the economic activity of business and government within an area and personal income by place of residence that indicates the income within an area that is available for spending. BEA's estimates of per capita personal income are an indicator of the economic well-being of the residents of an area.

### **Gross state product**

BEA's annual estimates of gross state product (GSP) measure the value added to the Nation's production by the labor and property in each State. GSP is often considered the State counterpart of the Nation's GDP. The GSP estimates provide the basis for analyzing the regional impacts of national economic trends.

GSP is measured as the sum of the distributions by industry and State of the components of gross domestic income—that is, the sum of the costs incurred and incomes earned in the production of GDP. The GSP estimates are presented in current dollars and in real (chained dollars) for 63 industries.

#### Regional economic multipliers

BEA will prepare estimates of economic multipliers for any State or county or combination thereof on a reimbursable basis. The multipliers estimate the effects of the changes in the output of one or more industries in an area on the output, employment, and labor earnings in the other industries in that area. For example, these multipliers can be used by government officials to gauge the potential impact of closing a defense facility.

The regional multipliers are derived using the regional input-output modeling system and are based on estimates of local area personal income and on the national input-output accounts.

For more information about BEA's regional estimates, go to our Web site at <www.bea.gov>.

# **State Personal Income**

The Bureau of Economic Analysis prepares estimates of State personal income. The personal income of a State is the income that is received by, or on behalf of, the residents of that State. Personal income consists of the income that is received by persons from participation in production, from government and business transfer payments, and from government interest.

The State personal income accounts are detailed, comprehensive economic time series that provide comparisons among States and among industries within a State. Estimates of labor and proprietors' earnings by place of work indicate economic activity of establishments within the State, and estimates of personal income by place of residence indicate current income within a State that is available for spending. Annual estimates of per capita personal income are an indicator of economic well-being of the residents of a State.

The Bureau prepares quarterly estimates of State personal income and its components, beginning with 1948. The estimates for a quarter are released 4 months after the end of the quarter and are consistent with the quarterly estimates of personal income in the national accounts. Preliminary annual estimates of State personal income are derived as the average of the quarterly estimates for the year and are prepared 4 months after the end of the year. Quarterly State personal income estimates are presented in two tables—the derivation of personal income, including earnings for 14 major industries, and wage and salary disbursements by major industry.

Annual State personal income estimates are presented in six tables—the derivation of personal income, including per capita personal income and earnings for 77 industries; wage and salary disbursements by industry; transfer payments by major program; the derivation of farm proprietors' income; disposable personal income and tax and nontax pay-

ments by government; and State economic profiles. These estimates, which are derived from more detailed and complete source data than the preliminary annual estimates are available 9 months after the end of the year. The annual State personal income estimates begin with 1929. In addition, annual State employment estimates are presented in two tables—total full and part-time employment by industry, and wage and salary employment by industry.

The Bureau prepares regular analyses of the State personal income estimates that accompany the release of new estimates, and it also periodically prepares and releases special data analyses dealing with topics of particular interest.

#### Uses of the State personal income estimates

The State personal income estimates are used widely in the public and private sectors to study economic trends for States and regions and to measure and track the levels and the types of incomes that are received by the people who live or work in a State. These estimates provide a framework for the analysis of each State's economy, and they serve as a basis for decision making. For example:

- Federal Government agencies use the estimates as a basis for allocating funds and determining matching grants. They also use the estimates in econometric models, such as those used to project energy and water use.
- State governments use the estimates in econometric models to project tax revenues and the need for public services. Many States have set constitutional or statutory limits on State government revenues and spending that are tied to State personal income or to one of its components.
- Academic researchers use the estimates for theoretical and applied economic research.
- Businesses, trade associations, and labor organizations use the estimates for market research.

### **Availability**

The quarterly and annual State personal income estimates, as well as regular and special analyses of the estimates, are published in the Survey of Current Business, the monthly journal of the Bureau. Examples of articles involving detailed analyses include:

- "Convergence in State Per Capita Personal Income, 1950–99," by G. Andrew Bernat, Jr. in the June 2001 SURVEY
- "Comprehensive Revision of State Personal Income: Revised Estimates 1969–98 and Preliminary Estimates for 1999," by Robert L. Brown, et. al., in the June 2000 Survey
- "Industrial Composition of State Earnings in 1958–98," by G. Andrew Bernat, Jr. and Eric S. Repice in

the February 2000 Survey

Survey articles for recent years are available on our Web site at <www.bea.gov>. In addition, the estimates are available in an interactively accessible database and in downloadable files on our Web site. The entire database and a statement of the sources and methods used to produce the estimates are also presented on the State Personal Income CD–ROM.

#### For more information

Call the Regional Economic Information System (REIS) staff at 202–606–5360, or e-mail <reis.remd@bea.gov>. To purchase the State Personal Income CD–ROM, call our Order Desk at 1–800–704–0415 (outside the United States, call 202–606–9666).

Table 1. Personal Income and Per Capita Personal Income by State and Region, 1996–2001

-			Person	al income					Pe	r capita pers	sonal incom	e <sup>1</sup>		
Area name			Millions	of dollars			Percent change 2			Dol	lars			Rank in U.S.
	1996	1997	1998	1999 <sup>r</sup>	2000 <sup>r</sup>	2001 /		1996	1997	1998	1999 <sup>r</sup>	2000 <sup>r</sup>	2001 ′	
United States	6,538,103	6,928,545	7,418,497	7,779,511	8,398,796	8,678,255	3.3	24,270	25,412	26,893	27,880	29,770	30,472	
New England Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	384,144 109,354 26,434 180,237 30,228 24,818 13,073	408,231 116,421 27,773 191,596 32,397 26,293 13,752	437,134 124,880 29,469 205,176 35,198 27,673 14,738	459,770 130,762 30,640 216,822 37,253 28,749 15,544	504,311 141,151 32,793 241,318 41,630 30,728 16,691	<b>520,440</b> 145,341 34,384 248,202 42,986 31,995 17,531	3.2 3.0 4.9 2.9 3.3 4.1 5.0	28,340 32,773 21,163 29,166 25,733 24,310 22,019	29,924 34,759 22,134 30,773 27,238 25,643 23,026	31,829 37,108 23,404 32,714 29,187 26,837 24,547	33,226 38,614 24,187 34,322 30,485 27,632 25,705	<b>36,167</b> 41,392 25,681 37,960 33,576 29,258 27,376	37,115 42,435 26,723 38,907 34,138 30,215 28,594	1 35 2 6 16 26
Mideast Delaware District of Columbia. Maryland New Jersey New York Pennsylvania	1,255,345 19,369 18,517 140,809 246,659 530,990 299,001	1,315,810 20,145 19,135 148,826 260,705 553,543 313,457	1,400,562 21,879 20,255 158,501 278,788 590,406 330,733	1,457,663 22,749 20,501 167,246 288,812 615,903 342,452	1,574,504 24,767 22,158 180,353 317,346 664,927 364,953	1,626,912 25,853 22,959 189,142 326,723 684,774 377,461	3.3 4.4 3.6 4.9 3.0 3.0 3.4	27,661 26,140 32,352 27,545 30,266 28,566 24,467	28,868 26,807 33,704 28,857 31,720 29,670 25,635	30,565 28,662 35,836 30,455 33,640 31,478 27,008	31,616 29,354 35,953 31,829 34,549 32,617 27,924	33,956 31,500 38,801 33,959 37,649 35,016 29,713	34,968 32,472 40,150 35,188 38,509 36,019 30,720	11 5 3 4 15
Great Lakes	1,079,799 322,790 132,890 238,095 264,162 121,864	1,138,557 340,594 139,459 250,216 279,367 128,920	1,206,886 362,081 149,318 264,520 293,208 137,759	1,253,408 373,578 154,919 276,541 304,515 143,855	1,333,919 401,030 165,815 293,744 320,377 152,953	1,365,555 412,200 169,885 297,609 327,745 158,116	2.4 2.8 2.5 1.3 2.3 3.4	24,408 26,672 22,501 24,398 23,496 23,301	25,589 27,950 23,418 25,509 24,772 24,481	26,983 29,505 24,891 26,860 25,921 26,004	27,873 30,227 25,628 27,942 26,864 26,976	29,505 32,248 27,228 29,516 28,202 28,471	30,103 33,023 27,783 29,788 28,816 29,270	9 31 18 24 20
Plains           lowa           Kansas           Minnesota           Missouri           Nebraska           North Dakota           South Dakota	439,948 64,696 60,074 122,080 123,992 39,618 13,607 15,883	462,173 67,938 63,728 129,020 131,144 40,724 13,332 16,288	493,714 71,280 67,896 140,031 138,987 43,313 14,709 17,497	512,109 72,912 69,960 146,891 143,858 45,274 14,846 18,368	547,631 77,790 74,124 158,817 153,830 47,534 16,027 19,509	566,457 79,893 76,973 164,589 158,906 49,489 16,434 20,174	3.4 2.7 3.8 3.6 3.3 4.1 2.5 3.4	23,520 22,464 22,977 25,904 22,828 23,670 20,921 21,399	24,517 23,499 24,182 27,086 23,926 24,148 20,520 21,885	26,001 24,555 25,519 29,092 25,171 25,541 22,716 23,453	26,769 24,990 26,121 30,141 25,865 26,558 23,043 24,477	28,429 26,572 27,537 32,207 27,452 27,756 25,007 25,823	29,313 27,331 28,565 33,101 28,226 28,886 25,902 26,664	33 28 8 29 23 37 36
Southeast Alabama. Arkansas. Florida Georgia Kentucky. Louislana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	1,445,912 87,221 48,700 355,136 172,935 78,221 87,879 48,898 167,638 76,287 119,287 169,938 33,771	1,532,165 91,284 51,055 377,673 183,757 82,927 92,286 51,598 179,691 81,045 125,457 180,190	1,639,428 96,481 53,784 405,146 200,104 88,148 97,458 55,072 192,577 86,672 134,241 193,007 36,738	1,719,649 100,532 56,004 424,726 213,792 91,093 99,047 56,920 202,744 91,249 141,117 204,937 37,488	1,841,660 105,796 59,205 454,106 232,179 98,125 103,824 59,881 218,537 97,659 150,344 222,498 39,506	1,915,549 109,773 61,613 474,626 240,896 101,326 109,560 62,163 225,234 101,110 154,911 233,107 41,230	4.0 3.8 4.1 4.5 3.8 3.3 5.5 3.8 3.1 3.5 3.0 4.8 4.4	22,038 20,138 18,934 23,909 23,055 19,957 19,978 17,793 22,350 20,096 22,022 25,173 18,527	22,986 20,899 19,628 24,869 23,911 20,979 20,874 18,580 23,468 20,998 22,814 26,385 19,351	24,242 21,904 20,479 26,161 25,447 22,118 21,948 19,635 24,661 22,115 24,101 27,968 20,234	25,079 22,693 21,119 26,951 26,571 22,671 22,204 20,124 25,504 22,5504 22,266 29,276 20,691	26,501 23,766 22,108 28,286 28,212 24,244 23,227 21,017 27,055 24,273 26,367 31,320 21,861	27,246 24,589 22,887 28,947 28,733 24,535 21,750 27,514 24,886 26,988 32,431 22,881	43 48 22 25 40 44 50 32 41 34 12 49
Southwest Arizona New Mexico Oklahoma Texas	<b>624,034</b> 95,787 33,232 66,289 428,726	677,462 103,702 34,860 69,951 468,950	<b>736,392</b> 112,895 36,857 74,677 511,964	774,892 120,257 37,772 77,474 539,390	841,016 130,982 39,772 83,035 587,228	<b>875</b> , <b>906</b> 137,314 42,354 86,750 609,489	<b>4.1</b> 4.8 6.5 4.5 3.8	<b>21,504</b> 20,883 18,964 19,846 22,167	22,868 21,892 19,641 20,739 23,756	24,352 23,118 20,551 21,930 25,398	<b>25,137</b> 23,937 20,891 22,540 26,237	26,796 25,358 21,837 24,046 28,035	27,439 25,872 23,155 25,071 28,581	38 47 39 27
Rocky Mountain Colorado	192,141 100,012 24,173 16,992 40,354 10,609	206,847 108,765 25,226 17,726 43,696 11,433	223,322 118,413 27,066 18,942 46,772 12,129	238,279 128,192 28,931 19,380 48,923 12,855	261,082 142,752 31,314 20,678 52,622 13,717	271,486 147,860 32,525 21,673 54,884 14,544	4.0 3.6 3.9 4.8 4.3 6.0	22,432 25,514 20,093 19,173 19,514 21,732	23,651 27,067 20,534 19,920 20,613 23,360	25,041 28,764 21,612 21,225 21,594 24,714	26,200 30,334 22,679 21,593 22,202 26,139	28,190 33,018 24,101 22,895 23,476 27,767	28,859 33,470 24,621 23,963 24,180 29,416	7 42 46 45 19
Far West. Alaska. California Hawaii. Nevada. Oregon. Washington	1,116,779 15,762 812,404 30,393 43,331 75,561 139,328	1,187,299 16,488 861,557 31,218 47,258 80,575 150,203	1,281,057 17,138 931,564 31,841 52,017 85,305 163,192	1,363,741 17,570 994,862 32,573 55,330 89,084 174,321	1,494,673 18,773 1,099,375 34,308 59,948 95,406 186,863	1,535,950 19,641 1,128,256 35,510 62,966 97,814 191,763	2.8 4.6 2.6 3.5 5.0 2.5 2.6	25,201 25,901 25,373 25,249 26,004 23,270 25,015	26,353 26,898 26,521 25,765 26,789 24,385 26,469	27,972 27,645 28,240 26,201 28,069 25,446 28,285	29,324 28,122 29,698 26,913 28,598 26,248 29,836	31,669 29,913 32,334 28,301 29,696 27,821 31,627	32,047 30,936 32,702 29,002 29,897 28,165 32,025	14 10 21 17 30 13

Per capita personal income was computed using midyear population estimates of the Bureau of the Census.
Percent change was calculated from unrounded data.
Nore. The personal income level shown for the United States is derived as the sum of the State estimates. It differs from

the estimate of personal income in the national income and product accounts (NIPA's) because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.

Table 2. Disposable Personal Income and Per Capita Disposable Personal Income by State and Region, 1996–2001

			Disposable per	rsonal income					Per capi	ta disposab	le personal i	ncome 1		
Area name			Millions o	of dollars			Percent change 2		<u> </u>	Dol	lars			Rank in U.S.
	1996	1997	1998	1999 <sup>r</sup>	2000 ′	2001 <sup>r</sup>	Change	1996	1997	1998	1999 <sup>r</sup>	2000 r	2001 ′	0.5.
United States	5,669,393	5,960,749	6,349,151	6,621,480	7,113,559	7,387,363	3.8	21,045	21,863	23,016	23,729	25,214	25,939	
New England Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	326,543 91,536 23,257 151,896 26,610 21,780 11,463	342,605 95,724 24,200 159,674 28,200 22,851 11,955	364,015 101,699 25,480 169,596 30,578 23,898 12,764	379,838 105,830 26,400 177,269 32,116 24,787 13,436	410,306 112,817 28,111 193,290 35,516 26,237 14,336	428,879 117,239 29,593 202,402 37,003 27,503 15,139	4.5 3.9 5.3 4.7 4.2 4.8 5.6	24,091 27,433 18,620 24,580 22,652 21,334 19,308	25,114 28,580 19,286 25,646 23,709 22,286 20,018	26,505 30,219 20,236 27,041 25,356 23,176 21,258	27,450 31,252 20,839 28,061 26,282 23,824 22,220	29,425 33,083 22,014 30,406 28,645 24,982 23,513	30,586 34,230 23,000 31,728 29,387 25,973 24,693	1 37 3 6 16 25
Mideast Delaware District of Columbia Maryland New Jersey New York Pennsylvania	1,073,172 16,547 15,862 119,755 211,334 450,040 259,634	1,114,511 16,987 16,120 125,597 220,964 464,468 270,375	1,178,249 18,470 16,921 133,060 234,080 491,784 283,933	1,217,422 19,202 16,795 140,126 240,089 507,736 293,475	1,309,804 20,935 18,024 150,250 262,179 546,368 312,047	1,360,181 21,967 18,782 158,291 272,356 565,238 323,546	3.8 4.9 4.2 5.4 3.9 3.5 3.7	23,647 22,332 27,712 23,426 25,932 24,211 21,246	24,452 22,605 28,393 24,353 26,885 24,896 22,111	25,714 24,196 29,937 25,566 28,245 26,220 23,186	26,405 24,777 29,454 26,668 28,720 26,889 23,930	28,247 26,628 31,562 28,291 31,104 28,772 25,406	29,235 27,591 32,845 29,449 32,101 29,732 26,332	10 5 2 4 15
Great Lakes	930,464 278,447 114,831 204,949 227,746 104,491	<b>975,464</b> 291,507 119,826 214,500 239,900 109,732	1,029,255 307,987 128,475 225,186 250,838 116,768	1,067,782 316,463 133,378 235,489 260,567 121,886	1,138,249 339,330 143,459 251,045 273,908 130,508	1,167,753 349,489 147,316 254,749 280,623 135,576	2.6 3.0 2.7 1.5 2.5 3.9	21,032 23,008 19,443 21,002 20,257 19,979	21,924 23,922 20,121 21,868 21,273 20,837	23,011 25,097 21,417 22,866 22,175 22,041	23,745 25,606 22,064 23,794 22,987 22,856	25,177 27,286 23,557 25,226 24,112 24,293	25,742 27,999 24,092 25,498 24,673 25,098	8 30 18 26 21
Plains. lowa. Kansas. Minnesota. Missouri Nebraska North Dakota South Dakota	382,827 56,896 52,367 103,586 108,364 34,932 12,226 14,456	399,625 59,294 55,113 109,183 114,001 35,531 11,853 14,650	425,703 62,181 58,652 118,006 120,352 37,620 13,143 15,748	441,836 63,449 60,275 124,709 124,478 39,248 13,245 16,432	471,343 67,935 63,777 133,731 133,054 41,068 14,302 17,475	488,468 69,760 66,307 139,216 137,633 42,868 14,635 18,049	3.6 2.7 4.0 4.1 3.4 4.4 2.3 3.3	20,466 19,756 20,029 21,980 19,951 20,871 18,798 19,477	21,199 20,509 20,913 22,921 20,799 21,069 18,244 19,684	22,420 21,421 22,045 24,516 21,796 22,184 20,297 21,109	23,096 21,747 22,505 25,589 22,380 23,022 20,558 21,897	24,469 23,206 23,694 27,120 23,745 23,980 22,315 23,130	25,278 23,864 24,607 27,998 24,448 25,022 23,068 23,856	33 28 9 29 23 36 34
Southeast Alabama. Arkansas Florida Georgia. Kentucky Louisiana Mississippi North Carolina South Carolina Tennessee Virginia West Virginia	1,269,457 77,079 43,230 312,805 150,182 68,160 78,079 43,943 145,935 66,986 106,568 146,489 30,001	1,336,061 80,342 45,063 329,682 158,350 71,915 81,431 46,245 155,311 70,880 111,632 154,028 31,182	1,423,978 84,855 47,302 351,912 171,711 76,215 86,139 49,256 165,760 75,481 119,346 163,510 32,491	1,490,466 88,376 49,265 368,190 183,084 78,557 87,744 50,865 174,214 79,457 125,616 171,953 33,144	1,594,045 93,060 51,959 391,323 198,513 84,884 91,807 53,590 187,686 85,289 134,141 186,890 34,902	1,661,737 96,677 54,192 410,136 206,772 87,686 96,994 55,779 194,234 88,456 138,241 196,098 36,472	4.2 3.9 4.3 4.8 4.2 3.3 5.6 4.1 3.5 3.7 4.9 4.5	19,348 17,797 16,807 21,060 20,021 17,750 15,990 19,456 17,646 19,674 21,699 16,459	20,044 18,394 17,325 21,709 20,605 18,194 18,419 16,663 20,284 18,364 20,300 22,554 17,141	21,056 19,265 18,011 22,724 21,836 19,124 19,399 17,561 21,226 19,259 21,426 23,694 17,895	21,737 19,949 18,577 23,363 22,755 19,551 19,670 17,984 21,915 19,991 22,278 24,564 18,294	22,938 20,905 19,402 24,375 24,121 20,972 20,539 18,810 23,236 21,198 23,525 26,308 19,314	23,636 21,655 20,130 25,014 24,663 21,721 19,517 23,727 21,771 24,084 27,282 20,241	42 49 24 27 43 41 50 35 40 31 12 48
Southwest Arizona New Mexico Oklahoma Texas	<b>552,859</b> 83,726 29,502 58,473 381,159	<b>596,546</b> 90,217 30,758 61,222 414,349	645,743 97,615 32,496 65,310 450,321	<b>679,123</b> 103,776 33,215 67,744 474,388	<b>733,704</b> 112,945 34,781 72,462 513,516	<b>767,047</b> 119,007 37,173 75,846 535,022	<b>4.5</b> 5.4 6.9 4.7 4.2	19,051 18,253 16,836 17,506 19,708	<b>20,137</b> 19,045 17,330 18,151 20,990	<b>21,354</b> 19,989 18,119 19,179 22,340	22,030 20,657 18,370 19,709 23,075	23,377 21,866 19,097 20,984 24,516	24,029 22,423 20,322 21,920 25,089	38 47 39 22
Rocky Mountain Colorado	166,565 86,111 21,208 15,037 35,002 9,207	<b>178,194</b> 92,927 22,044 15,621 37,715 9,886	191,724 100,489 23,639 16,670 40,460 10,466	203,495 108,190 25,148 16,997 42,112 11,047	221,749 119,717 27,021 18,084 45,258 11,669	231,908 124,947 28,240 19,000 47,302 12,419	<b>4.6</b> 4.4 4.5 5.1 4.5 6.4	19,446 21,967 17,628 16,967 16,926 18,861	20,375 23,126 17,944 17,554 17,792 20,199	21,498 24,410 18,876 18,679 18,680 21,324	22,376 25,601 19,714 18,939 19,112 22,464	23,943 27,690 20,797 20,023 20,191 23,621	24,652 28,283 21,378 21,008 20,840 25,118	7 44 45 46 20
Far West	967,506 13,919 701,878 26,730 37,634 64,801 122,543	1,017,744 14,497 735,173 27,371 41,126 68,539 131,039	1,090,483 15,003 789,557 27,846 44,903 72,660 140,515	1,141,518 15,400 827,255 28,378 47,583 75,398 147,503	1,234,359 16,411 897,310 29,786 51,332 80,241 159,278	1,281,390 17,171 932,835 30,930 54,069 82,917 163,467	3.8 4.6 4.0 3.8 5.3 3.3 2.6	21,833 22,872 21,921 22,206 22,585 19,957 22,001	22,590 23,650 22,630 22,590 23,313 20,742 23,092	23,811 24,201 23,935 22,914 24,230 21,674 24,354	24,546 24,649 24,695 23,447 24,594 22,216 25,246	<b>26,153</b> 26,149 26,391 24,570 25,428 23,399 26,958	26,736 27,045 27,038 25,262 25,673 23,876 27,299	13 14 19 17 32 11

the estimate of personal income in the national income and product accounts (NIPAs) because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data. In particular, it differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.

Revised.
 Per capita disposable personal income was computed using midyear population estimates of the Bureau of the Census.
 Percent change was calculated from unrounded data.
 Nore. The personal income level shown for the United States is derived as the sum of the State estimates. It differs from

# **Local Area Personal Income**

The Bureau of Economic Analysis prepares estimates of personal income for local areas (counties, metropolitan areas, and the Bureau's BEA economic areas). The personal income of an area is the income that is received by, or on behalf of, the residents of that area. Personal income consists of the income that is received by persons from participation in production, from government and business transfer payments, and from government interest.

Local area personal income is the only detailed, broadly inclusive economic time series for local areas that is available annually. Estimates of labor and proprietors' earnings by place of work indicate economic activity of establishments in an area, and estimates of personal income by place of residence indicate income within an area that is available for spending. Annual estimates of per capita personal income are an indicator of economic well-being of the residents of an area.

Estimates of total and per capita personal income, beginning with 1969, are available for each of the 3,110 counties and county equivalents, the 335 metropolitan areas, and the 172 BEA economic areas in the United States. Estimates are released 17 months after the end of the year. Annual estimates for areas of earnings for 77 industries, employment for 14 major industries, transfer payments by major program, farm gross income and expenses by major category, and economic profiles are also available. In addition, 1-page narratives containing information on current estimates of personal income, growth rates, and a breakdown of the sources of personal income are available for each county, metropolitan area, and economic area.

The Bureau prepares regular analyses of the local area personal income estimates that accompany the release of new estimates and also periodically prepares and releases special data analyses on topics of particular interest. For example, special analyses have been used to define, and redefine as necessary, the geographic boundaries of the BEA economic areas.

# Uses of the local area personal income estimates

The local area estimates of personal income and its components, of per capita personal income, and of employment are widely used by both the public and the private sectors to measure and to track the levels and the types of incomes that are received by the people who live or work in a county, metropolitan area, or BEA economic area. These estimates provide a framework for the analysis of each area's economy, and they serve as a basis for decision making. For example:

- Federal Government agencies use the estimates in econometric models, such as those used to project energy and water use.
- State governments use the estimates to measure the economic base of State planning areas. State and local governments also use the estimates in econometric models to project tax revenues and the need for public utilities and for services.
- Academic researchers use the estimates for theoretical and applied economic research.
- Businesses, trade associations, and labor organizations use the estimates for market research.
- The public and private sectors both use the estimates to prepare environmental impact statements required by the National Environmental Policy Act of 1969.

#### **Availability**

The annual local area personal income estimates, as well as regular and special analyses of the estimates, are published in the Survey of Current Business, the monthly journal of the Bureau. Examples of articles involving detailed analyses include:

- "Local Area Personal Income, 1998–2000," by Jeffrey
   L. Newman in the May 2002 Survey
- "Comprehensive Revision of Local Area Personal Income: Revised Estimates for 1969–97 and New Estimates for 1998," by Jeffrey L. Newman, et. al., in the July 2000 Survey

- "Manufacturing Earnings in BEA Component Economic Areas, 1996," by G. Andrew Bernat, Jr. in the November 1998 Survey
- "Redefinition of the BEA Economic Areas," by Kenneth P. Johnson in the February 1995 Survey Survey articles for recent years are available on our Web site at <www.bea.gov>. In addition, the estimates and methodology are available in an interactively accessible database and in downloadable files on our Web site. The entire database and statement of the

sources and methods used to produce the estimates are presented annually on the "Regional Economic Information System" (REIS) CD–ROM.

### For more information

Call the Regional Economic Information System (REIS) staff at 202–606–5360, or e-mail <reis.remd@bea.gov>. To purchase the REIS CD-ROM, call our Order Desk at 1–800–704–0415 (outside the United States, call 202–606–9666).

Table 1. Personal Income and Per Capita Personal Income by Metropolitan Area, 1998–2000

	ıa	Personal		IIIGUIII		pita pers			onal Income by Metropo	JIIIAII A		l income	100	Per c	apita perso	nal incom	ne 1
Area name	Mi	llions of doll		Percent change 2	. 0. 00	Dollars		Rank in U.S.	Area name	Mill	ions of do		Percent change 2				Rank in U.S.
	1998	1999	2000	1999– 2000	1998	1999	2000	2000		1998	1999	2000	1999– 2000	1998	1999	2000	2000
United States <sup>3</sup>	7,418,497 6,309,791 1,108,706	7,769,367 6,622,851 1,146,516	8,314,032 7,103,560 1,210,472	7.0 7.3 5.6	26,893 28,528 20,277	27,843 29,569 20,822	29,469 31,332 21,847		Corvallis, OR Cumberland, MD–WV Dallas, TX*	2,157 1,971 106,605	2,196 2,010 113,699	2,291 2,102 124,705	4.3 4.6 9.7	27,327 19,190 31,840	28,059 19,617 32,974	29,318 20,653 35,216	81 305 23
Consolidated Metropolitan Statistical Areas									Danville, VA	2,150	2,199	2,314	5.2	19,461	19,936	21,028	303
Chicago-Gary-Kenosha, IL-IN-WI Cincinnati-Hamilton, OH-KY-IN Cleveland-Akron, OH Dallas-Fort Worth, TX Denver-Boulder-Greeley, CO Detroit-Ann Arbor-Flint, MI. Houston-Galveston-Brazoria, TX	287,183 54,908 83,338 150,138 78,606 162,694 136,556	298,505 57,245 85,770 160,079 85,196 169,368 142,509	316,620 60,249 89,742 174,907 94,440 178,609 155,001	6.1 5.2 4.6 9.3 10.9 5.5 8.8	31,878 28,078 28,294 30,167 31,947 29,973 30,405	32,820 29,075 29,115 31,267 33,652 31,114 30,982	34,506 30,384 30,464 33,289 36,370 32,694 33,025		Davenport-Moline-Rock Island, IA-IL. Dayton-Springfield, OH. Daytona Beach, FL. Decatur, AL. Decatur, IL. Denver, CO* Des Moines, IA.	9,260 25,427 10,308 3,274 2,927 65,598 13,074	9,250 26,056 10,587 3,423 3,049 70,982 13,700	9,690 27,084 11,232 3,521 3,150 78,793 14,340	4.8 3.9 6.1 2.9 3.3 11.0 4.7	25,824 26,572 21,519 22,707 25,353 32,532 29,503	25,713 27,336 21,754 23,573 26,479 34,267 30,402	27,005 28,504 22,660 24,108 27,516 37,153 31,347	134 99 276 228 124 18 53
Los Angeles-Riverside-Orange County, CA Miami-Fort Lauderdale, FL Milwaukee-Racine, WI New York-No. New Jersey-Long Island, NY-NJ-CT-PA	428,551 95,902 49,851 741,023	451,458 98,951 51,775 774,361	482,176 105,353 54,331 836,234	6.8 6.5 4.9 8.0	26,909 25,637 29,698 35,723	27,892 25,937 30,734 36,956	29,329 27,033 32,137 39,568		Detroit, MI* Dothan, AL. Dover, DE. Dubuque, IA.	134,925 2,943 2,772 2,173	140,283 3,071 2,862 2,174	147,828 3,202 3,025 2,287	5.4 4.3 5.7 5.2	30,410 21,566 22,348 24,481	31,601 22,357 22,787 24,450	33,259 23,197 23,795 25,645	36 259 238 172
Philadelphia—Wilmington—Atlantic City, PA-NJ-DE-MD Portland-Salem, OR-WA Sacramento-Yolo, CA San Francisco-Oakland-San Jose,	187,702 61,119 46,577	194,772 64,272 50,012	206,743 69,210 54,157	6.1 7.7 8.3	30,592 27,732 26,894	31,598 28,687 28,299	33,377 30,453 29,951		Duluth–Superior, MN–WI Dutchess County, NY* Eau Claire, WI	5,789 7,710 3,432	5,978 7,964 3,584	6,339 8,687 3,785	6.0 9.1 5.6	23,893 28,160 23,435	24,590 28,691 24,321	26,005 30,939 25,472	162 57 178
CASeattle-Tacoma-Bremerton, WA Washington-Baltimore, DC-MD-VA-WV.	257,252 112,042 247,605	283,762 121,281 262,832	328,725 127,818 283,865	15.8 5.4 8.0	37,277 32,207 33,416	40,660 34,412 34,955	46,586 35,877 37,168		EI Paso, TX EIkhart–Goshen, IN EImira, NY	11,624 4,372 2,085	11,988 4,627 2,145	12,643 4,857 2,281	5.5 5.0 6.4	17,318 24,578 22,711	17,749 25,614 23,499	18,535 26,485 25,069	312 149 191
Metropolitan Statistical Areas <sup>4</sup>	247,000	202,002		0.0					Enid, OK	1,328	1,326	1,373	3.5	22,841	22,791	23,815	237
Abilene, TX. Akron, OH* Albany, GA. Albany-Schenectady-Troy, NY. Albany-Schenectady-Troy, NY. Albuquerque, NM. Alexandria, LA. Allentown-Bethlehem-Easton, PA. Amarillo, TX. Ann Arbor, MI* Ann Arbor, MI* Ann Arbor, MI* Anniston, AL. Appleton-Oshkosh-Neenah, WI. Asheville, NC. Athens, GA. Atlantic-Cape May, NJ* Auburn-Opelika, AL. Augusta-Aiken, GA-SC. Austin-San Macros, TX. Bakersfield, CA. Baltimore, MD* Bangror, ME (NECMA). Barnstable-Yarmouth, MA (NECMA). Barnstable-Yarmouth, MA (NECMA). Beaumont-Port Arthur, TX. Bellingham, WA. Benton Harbor, MI. Bergen-Passaic, NJ* Billings, MT. Billoxi-Gulfport-Pascagoula, MS. Binghamton, NY. Birmingham, AL. Bismarck, ND. Bloomington, IN. Bloomington, IN. Bloomington, NN.	2,881 18,584 2,567 24,112 16,861 2,833 16,797 2,908 4,981 8,403 17,299 2,361 9,082 5,554 3,262 116,796 10,234 1,920 10,502 74,127 3,124 6,912 14,061 8,795 3,550 3,853 51,904 51,741 5,774 51,741 51,741 52,740 54,740 54,7	2,964 19,186 2,635 24,816 17,372 2,901 17,530 3,031 17,530 3,031 5,047 8,599 18,414 2,369 9,545 5,706 3,407 126,048 10,373 2,021 10,817 7,608 3,244 7,430 14,542 8,798 3,707 4,018 53,692 5,555 2,272 2,779 4,212	3,096 20,194 2,770 26,233 3,006 18,614 3,165 5,333 9,108 19,765 2,364 10,179 6,032 3,589 136,832 10,954 2,135 11,389 40,483 13,787 82,502 3,426 8,128 15,176 8,129 16,176 8,129 17,176 8,129 17,176 8,129 17,176 8,129 17,176 18,1	453175624479324673666635736644496 88420 855655855556554496 8420 85666654496 8666 86767664496 8666 86767664496 8666 86767664496 86766 86767664496 86766 86767664496 86766 86767664496 86766 86767664496 86766 86767664496 86766 86767664496 86766 86767664496 86766 86767664496 86766 86767664496 86766	22,971 26,893 21,313 27,587 24,043 22,566 22,284 23,668 31,002 20,146 22,201 30,121 29,265 21,7466 22,320 20,146 22,320 20,146 22,320 20,146 22,320 20,146 22,320 20,146 22,320 21,7466 22,320 23,787 22,048 23,776 22,781 22,781 22,781 22,781 22,781 22,388	23,460 21,864 28,392 24,598 23,006 32,367 33,367 33,367 33,367 32,312 20,620 425,506 22,506 22,506 21,435 22,431 22,387 30,659 19,714 30,551 22,387 24,312 22,387 24,312 22,525 24,799 39,239 24,697 22,234 23,575 24,107 23,086 24,107 23,086 24,107 23,086 24,107 23,086 24,107 23,086 24,107 23,086 24,107 23,086 24,107 23,086	24,487 29,023 22,920 29,942 25,894 23,777 29,148 24,429 34,950 33,987 21,232 28,332 26,618 23,311 33,013 30,824 42,329 20,765 32,265 23,653 36,417 25,117 25	102 144 253 37 63 313 236 44 304 42 242 242 20 190 240 261 170 4 160 262 198 89	EIIII, ON. Eria, P.A. Eugene-Springfield, O.R. Evansville-Henderson, IN-KY Fargo-Moorhead, ND-MM. Fayetteville, N.C. Fayetteville, O.C. Fayetteville, Springdale-Rogers, AR Flagstaff, AZ-UT Filint, MI* Florence, AL. Florence, AL. Florence, S.C. Fort Collins-Loveland, C.O. Fort Lauderfalle, E.T. Fort Myers-Cape Coral, FL. Fort Pierce-Port St. Lucie, FL. Fort Pierce-Port St. Lucie, FL. Fort Watton Beach, FL. Fort Watton Beach, FL. Fort Wayne, IN. Fort Worth-Arlington, TX* Fresno, C.A. Gadsden, AL. Gainesville, FL. Galveston-Texas City, TX* Gelans Falls, NY. Goldsboro, N.C. Grand Forks, ND-MN. Grand Junction, C.O. Grand Rapids-Muskegon-Holland, MI. Green Bay, WI. Green Bay, WI. Green Bay, WI. Green Bay, WI. Greensboro-Winston-Salem-High Point, N.C. Greenville, N.C. Greenville, N.C. Greenville, N.C. Greenville, N.C. Greenville, N.C. Greenville, N.C. Hagjerstown, MD* Hagierstown, MD* Hamilton-Middletown, OH*	6,504 7,590 7,640 4,258 6,862 6,362 10,470 2,877 2,790 6,219 43,721 10,924 8,644 4,093 12,805 43,532 17,465 2,072 4,938 6,251 15,702 2,698 2,217 2,562 2,692 1,881	6,649 7,904 7,896 4,535 6,806 6,806 6,252 10,672 2,956 6,670 44,556 11,196 13,195 4,254 13,195 13,195 16,380 18,462 2,119 3,000 28,933 1,896 2,709 28,933 1,896 33,716 2,911 22,964 3,012 8,837 3,716 2,911	6,944 8,271 8,310 4,720 4,720 1,7542 7,306 3,085 7,376 47,997 11,017 3,067 47,997 11,536 4,530 13,878 8,202 19,556 10,719 11,196 2,219 5,347 6,659 30,550 1,978 4,126 6,659 31,299 24,403 3,206 3,206 3,206	4.46.2.1.2.4.8.2.5.3.6.7.7.9.1.5.2.2.9.7.6.3.5.2.9.5.5. 6.3.0.6. 2.3. 3.5.3.6.7.5.4.7.6.5.8.5.2.9.5.5. 5.4.8.6. 2.3. 3.6.5.3.6.6. 2.3. 3.6.5.2.6.6. 2.3. 3.6.5.2.6.6. 2.3. 3.6.5.2.6.6. 2.3. 3.6.5.2.6.6. 2.3. 3.6.5.2.6.6. 2.3. 3.6.5.2.6.6.2.6.2.6.2.6.2.6.2.6.2.6.2.6.2.6.2.6.2.6.2.6.2.6.2.6.2.6.2.6.2.6.2.6.2	23,082 23,744 25,940 24,914 22,912 21,588 20,254 20,254 20,254 22,336 28,015 25,246 24,363 25,779 19,454 26,729 19,454 26,729 19,454 21,476 21,476 22,478 26,718 26,718 26,718 27,442 26,718 26,718 27,442 27,442 27,442 22,578 23,404 22,578 23,404 22,578	23, 637 24, 564 26, 712 26, 230 23, 558 22, 442 20, 770 23, 1017 27, 017 27, 917 28, 237 21, 745 20, 260 21, 745 20, 260 21, 604 21, 6	24,769 25,584 28,048 27,024 24,899 23,316 25,217 29,178 29,409 26,501 27,591 29,305 21,121 27,591 29,305 21,121 21,486 24,507 24,572 24,693 27,977 24,572 24,599 28,522 24,599 24,267 24,267 24,267 24,267	1993 1755 108 133 2511 133 2511 187 80 294 282 214 85 282 214 85 229 211 214 212 215 229 211 115 216 217 218 219 219 219 219 219 219 219 219 219 219
Boise Cify, ID. Boston-Worcester-Lawrence- Lowell-Brockton, MA-NH (NECMA) Boulder-Longmont, CO*. Brazoria, TX*. Bremerton, WA* Brownsville-Harlingen-San Benito.	10,380 199,531 9,487 5,314 5,442	11,091 212,497 10,392 5,625 5,636	235,164 11,521 6,014 5,916	11.3 10.7 10.9 6.9 5.0	26,819 25,483 33,411 34,181 22,984 23,777	26,343 35,287 36,347 23,675 24,568	28,329 38,758 39,347 24,723 25,443	16 14 200	Harrisburg-Lebanon-Carlisle, PA  Hartford, CT (NECMA) Hattiesburg, MS Hickory-Morganton-Lenoir, NC Honolulu, HI	37,637 2,195 7,725 24,914	39,103 2,288 8,092 25,263	18,653 41,761 2,393 8,633 26,235	4.6 6.8 4.6 6.7 3.8	27,505 33,179 20,035 23,209 28,091	28,399 34,261 20,679 23,945 28,744	29,624 36,295 21,344 25,178 29,960	76 21 296 189 70
Brewinsville-Harlingen-San Benito, TX. Bryan-College Station, TX Buffalo-Niagara Falls, NY Buffalo-Niagara Falls, NY Burlington, VT (NECMA) Canton-Massillon, OH Casper, WY Cedar Rapids, IA Champaign-Urbana, IL Charleston-North Charleston, SC Charleston, WV Charlotte-Gastonia-Rock Hill, NC-SC Charlottesville, VA Chatlatnooga, TN-GA Cheyenne, WY	4,518 2,760 29,513 5,216 9,853 1,860 5,450 4,129 11,824 6,583 40,359 4,452 11,243 2,067	4,683 2,856 30,160 5,514 10,086 1,917 5,718 4,296 12,686 6,698 43,205 4,598 11,761 2,178	5,916 5,023 3,058 31,371 5,904 10,523 2,137 6,089 4,554 13,463 7,014 46,600 4,947 12,472 2,291	7.3 7.1 4.0 7.1 4.3 11.5 6.5 6.0 6.1 7.9 7.6 6.0 5.2	13,919 18,708 25,043 26,791 24,258 28,117 29,112 23,329 28,212 28,927 24,477 25,674	14,179 19,015 25,710 27,985 24,783 28,920 30,106 24,049 23,227 26,523 29,360 29,223 25,422 26,885	14,906 20,033 26,846 29,611 25,863 32,112 31,686 25,331 24,458 27,898 30,901 30,875 26,781 28,035	317 308 139 77 165 43 50 182 216 113	Houma, LA. Houston, TX* Huntington-Ashland, WV-KY-OH. Huntisville, AL. Indianapolis, IN Iowa City, IA. Jackson, MI. Jackson, MS. Jackson, TN. Jackson, TW. Jacksonville, FL. Jacksonville, NC. Jamestown, NY. Jamesville-Beloit, WI.	4,031 124,991 6,247 8,576 44,755 2,888 3,514 10,716 2,404 28,638 3,166 2,821 3,683 14,950	3,970 130,497 6,348 8,881 46,852 3,058 3,704 11,095 2,512 29,383 3,284 2,842 3,780 15,660	4,185 142,327 6,653 9,471 49,836 3,276 3,865 11,666 2,674 31,413 3,433 2,959 3,918 16,760	5.4 9.1 4.8 6.6 6.4 7.1 4.3 5.1 6.4 6.9 4.5 4.1 3.7	20,817 31,136 19,709 25,483 28,589 26,788 22,524 24,692 22,969 26,673 21,000 20,036 24,416 24,990	20,406 31,726 20,092 26,155 29,485 27,847 23,582 25,369 23,611 26,997 21,950 20,288 24,943 25,927	21,519 33,891 21,106 27,575 30,906 29,441 24,357 26,396 28,456 22,847 21,208 25,694 27,522	293 33 302 119 59 79 219 151 196 100 270 299 169 122
Chicago, IL*	265,559 4,086 46,511 4,089 64,754 12,887 3,327 13,418 6,213 41,976 8,262	276,206 4,280 48,408 4,290 66,584 13,738 3,436 14,089 6,489 44,389 8,409	292,932 4,549 50,946 4,619 69,549 14,957 3,646 14,932 6,823 47,299 8,879	6.1 6.3 5.2 7.7 4.5 8.9 6.1 6.0 5.1 6.6 5.6	32,665 20,433 28,582 20,168 28,723 25,874 25,094 25,621 22,694 27,896 21,646	33,632	35,336 22,325 30,891 22,250 30,909 28,804 26,851 27,741 24,813	22 279 61 281 58 92 138 116 197 66 250	TN-VA	9,857 4,865 1,615 3,224 11,108 2,302 50,305 3,620 6,365 16,490 2,654	10,121 5,069 1,699 3,351 11,333 2,358 53,017 3,795 6,759 17,021 2,784	10,712 5,262 1,793 3,505 11,759 2,494 56,591 3,998 7,132 18,153 2,918	5.8 3.8 5.5 4.6 3.8 5.8 6.7 5.3 5.5 6.7 4.8	20,756 20,634 20,154 20,928 24,700 22,297 28,865 24,731 20,671 24,441 26,292	21,174 21,658 20,968 21,506 25,092 22,740 30,090 25,589 21,933 24,975 27,474	22,302 22,663 21,744 22,230 25,950 24,010 31,765 26,646 22,696 26,345 28,727	280 275 290 283 163 230 48 143 273 153 95

See footnotes at the end of table.

Table 1. Personal Income and Per Capita Personal Income by Metropolitan Area, 1998–2000—Continued

		Personal	income		Per c	apita perso	onal incom	ne 1			Personal	income		Per ca	apita pers	onal inco	ome 1
Area name	Mill	lions of dol	lars	Percent change <sup>2</sup>		Dollars		Rank in U.S.	Area name	Milli	ions of dol	lars	Percent change <sup>2</sup>		Dollars		Rank in U.S.
	1998	1999	2000	1999– 2000	1998	1999	2000	2000		1998	1999	2000	1999– 2000	1998	1999	2000	2000
La Crosse, WI-MN Lafayette, LA Lafayette, LA Latayette, IN Lake Charles, LA Lakeland-Winter Haven, FL Lancaster, PA Lansing-East Lansing, MI Laredo, TX Las Cruces, MM Las Vegas, NV-AZ Lawrence, KS Lawton, OK. Lewiston-Auburn, ME (NECMA) Lexington, KY Lima, OH Lincoln, NE Limd, OH Lincoln, NE Little Rock-Morth Little Rock, AR Longview-Marshall, TX Los Angeles-Long Beach, CA* Louisville, KY-IN Lubbock, TX Lynchburg, VA	3,064 8,201 4,093 3,988 10,122 11,981 10,949 2,572 2,818 37,556 2,285 2,	3,164 8,151 4,205 4,054 10,478 11,526 2,712 2,905 40,561 2,349 2,349 2,349 2,349 3,702 3,702 8,702 12,785 3,702 40,561 12,785 3,702 40,561 12,785 12,	3,323 8,572 4,455 4,166 11,306 11,2050 2,945 3,032 4,615 2,278 2,497 13,743 2,497 16,045 5,009 281,835 3,1008 5,978	5.0 5.2 5.9 2.8 7.9 6.4 4.5 6.7 4.0 3.5 7.4 4.5 5.2 5.2 6.2 6.9	24,438 21,511 22,784 21,849 25,806 24,474 14,053 16,376 26,320 20,941 122,463 26,121 22,463 26,611 25,598 22,492 27,208 27,208 22,851	25,100 21,219 23,179 22,103 21,919 26,706 25,780 14,347 16,705 21,461 20,333 26,975 23,333 26,975 23,235 24,111 26,227 22,804 28,111 28,235	26,165 22,210 24,330 22,701 23,285 28,195 515,114 17,321 27,558 22,747 24,045 28,597 24,045 28,752 27,417 23,992 29,522 39,522 39,522 24,613	136 316 314 121 271 297 229 97	Reno, NV Richland-Kennewick-Pasco, WA Richmond-Petersburg, VA Riverside-San Bernardino, CA* Rochester, MN Rochester, NY Rockford, IL Rocky Mount, NC Sacramento, CA* Saginaw-Bay City-Midland, MI St. Cloud, MN St. Joseph, MO St. Louis, MO-IL Salem, OR* Salinas, CA Sali Lake City-Ogden, UT San Angelo, TX San Angelo, TX San Antonio, TX San Diego, CA San Luis Obispo-Atascadero-Paso Briblise CA* San Louis Obispo-Atascadero-Paso Briblise CA San Lich San San Angelo, CA San Luis Obispo-Atascadero-Paso Briblise CA* San Louis Obispo-Atascadero-Paso Briblise CA San Louis Obispo-Atascadero-Paso Briblise CA San Debelogonery San	10,552 4,150 27,932 66,827 6,288 3,622 29,626 9,165 3,250 42,528 10,028 3,250 3,250 3,250 4,538 10,442 31,226 2,338 36,977 78,165	11,195 4,269 29,358 71,205 6,493 3,867 30,133 9,419 3,080 45,671 10,320 3,280 2,303 77,468 77,468 77,468 48,493 38,704 88,704 88,704 88,598	11,911 4,598 31,271 76,593 6,883 4,151 9,769 3,524 49,567 10,772 2,455 81,709 2,455 81,709 34,868 2,520 41,169 99,425	6.4 7.7 6.5 7.6 6.0 7.3 3.7 14.4 8.5 4.4 7.6 6.7 6.6 6.7 7.6 6.4 8.7 7.6 6.4 8.7	32,502 22,279 28,635 21,500 30,171 27,024 25,083 22,739 27,086 22,650 21,715 29,184 22,391 26,919 23,953 22,475 23,903 22,475 23,903 24,5683	33,636 22,582 29,744 22,325 27,579 31,547 27,488 28,590 23,124 22,601 29,855 23,253 28,081 29,855 23,253 28,081 29,855 23,253 28,081 29,855 23,253 28,081 29,855 23,253 28,081 29,855 23,253 28,081 29,855 20,855 20	34,879 23,872 31,292 23,350 29,181 33,283 24,629 30,252 24,629 30,252 24,210 23,944 24,000 29,695 26,075 24,235 25,741 35,741	25 235 544 248 86 35 101 154 204 67 141 234 52 231 73 159 223 166 41
Macon, GA	4,704 7,490	4,910 7,814	5,194 8,234	5.8 5.4	22,169 23,505	22,976 24,357	24,141 25,474	177		66,666 5,869	76,769 6,231	92,880 6,669	21.0 7.0	40,185 24,453	45,928 25,592	55,157 26,932	135
Madison, WI	13,090 3,826 6,720 4,005 11,116 30,687	13,737 3,908 7,105 4,246 11,374 31,775	14,679 4,101 7,659 4,468 12,261 33,329	6.9 4.9 7.8 5.2 7.8 4.9	31,152 21,746 12,492 22,670 23,772 27,625	32,456 22,156 12,782 23,687 24,090 28,222	34,301 23,347 13,344 24,563 25,650 29,275	30 249 318 209 171 84	Santa Barbara-Santa Maria- Lompoc, CA. Santa Cruz-Watsonville, CA*	11,416 7,686 4,226 13,452 19,092 7,316	12,132 8,398 4,395 14,202 19,594 7,601	13,085 9,610 4,626 16,046 20,503 8,008	7.9 14.4 5.2 13.0 4.6 5.4	28,920 30,636 29,261 30,168 33,319 25,362	30,567 33,107 30,007 31,321 33,672 26,066	32,734 37,567 31,249 34,863 34,577 27,289	38 17 55 26 29 128
Merced, CA Miami, FL* Middlesex–Somerset–Hunterdon,	3,545 52,180	3,742 54,395	3,924 57,356	4.9 5.4	17,528 23,935	18,100 24,492	18,536 25,320	311 183	PA	14,638 84,997	14,950 93,159	15,708 98,384	5.1 5.6	23,206 35,880	23,827 38,858	25,191 40,686	188 8
Middlesex-Somerset-Hunterdon, NJ* Milwaukee-Waukesha, WI* Minneapolis-St. Paul, MN-WI. Missoula, MT. Mobile, AL. Modesto, CA. Monmouth-Ocean, NJ* Monroe, LA. Montgomery, AL. Montgomery, AL. Myrtle Beach, SC. Naples, Ft. Nashville, TN. Nassau-Sutfolk, NY* New Haven-Bridgeport-Stamford-	43,472 44,776 96,082 2,093 11,393 9,178 35,161 3,109 7,860 2,735 4,043 8,951 34,143 101,028	45,564 46,566 101,215 2,161 11,774 9,650 36,478 3,258 8,251 2,813 4,309 9,538 35,748 105,063	49,749 48,860 109,236 2,315 12,280 10,302 39,362 3,396 8,584 2,952 4,616 10,198 38,263 111,360	9.2 4.9 7.9 7.1 4.3 6.8 7.9 4.2 4.0 5.0 7.1 6.9 7.0 6.0	38,155 30,032 33,308 22,307 21,378 21,407 31,952 21,055 23,899 22,889 21,737 38,357 28,598 37,229	39,393 31,122 34,518 22,802 21,930 22,001 32,721 22,135 24,915 23,683 22,461 38,916 29,429 38,387	42,392 32,538 36,666 24,111 22,677 22,889 34,812 23,061 25,740 24,877 23,315 40,121 30,962 40,353	5 39 19 227 274 268 28 265 167 195 252 10 56	Sharon, PA Sheboygan, WI Sherman-Denison, TX. Shreveport-Bossier City, LA. Sioux City, IA-NE. Sioux Falls, SD. South Bend, IN. Spokane, WA. Springfield, IL. Springfield, MO. Springfield, MA (NECMA). State College, PA. Steuberville-Weirton, OH-WV. Stockton-Lodi, CA.	2,559 2,895 2,306 8,780 2,933 4,671 6,727 9,650 5,541 7,296 15,250 3,080 2,751 11,542	2,623 3,031 2,426 9,031 2,974 4,958 6,930 9,977 5,695 7,561 15,780 3,251 2,785 12,297	2,774 3,190 2,597 9,404 3,091 5,322 7,261 10,692 5,976 8,000 16,832 3,428 2,891 13,209	5.8 5.3 7.1 4.1 3.9 7.3 4.8 7.2 4.9 5.8 6.7 5.4 3.8 7.4	21,107 25,852 21,546 22,529 23,791 28,406 25,495 23,336 27,466 23,032 25,173 22,871 20,426 21,364	21,720 27,039 22,218 23,083 24,008 29,413 26,156 24,015 28,286 23,510 25,990 24,026 20,893 22,261	23,080 28,278 23,400 23,972 24,902 30,675 27,335 25,550 29,651 24,473 27,653 25,237 21,969 23,242	263 104 247 233 192 64 127 176 75 215 117 185 289 258
New London-Norwich, CT (NECMA) New Orleans, LA New York, NY*	71,036 7,690 33,225 321,204	74,358 7,918 33,710 337,522	79,510 8,235 34,842 365,961	6.9 4.0 3.4 8.4	42,134 29,967 24,878 35,123	43,806 30,741 25,187 36,504	46,542 31,745 26,056 39,259	3 49 161 15	Tampa-St. Petersburg-Clearwater,	1,964 17,807 16,548 6,569	2,040 18,316 17,219 6,864	2,148 19,126 18,004 7,237	5.3 4.4 4.6 5.4	18,620 24,260 24,371 23,649	19,464 25,010 24,859 24,429	20,493 26,130 25,587 25,382	306 158 173 181
Newark, NJ* Newburgh, NY-PA* Norfolk-Virginia Beach-Newport News, VA-NC Oakland, CA* Ocala, FL Odessa-Midland, TX Oklahoma City, OK Olympia, WA* Omaha, NE-IA Orange County, CA* Orlando, FL Ovensboro, KY Panama City, FL Parkersburg-Marietta, WV-OH Pensacola, FL Penia-Pekin, IL Philadelphia, PA-NJ* Phoenix-Messa, AZ Pine Bluff, AR Pittsburgh, PA Pittsfield, MA (NECMA) Portland-Vancouver, OR-WA* Providence-Warvick-Pawtucket, RI (NECMA) Provo-Orem, UT Pueblo, CO Punta Gorda, FL	72,871 9,167 97,362 78,163 5,251 62,87 24,684 62,87 87,686 38,426 38,426 32,74 43,788 9,219 156,407 77,87,686 3,726 1,469 53,544 25,106 66,086 61,142 2,861 3,253	75,398 9,590 38,836 84,680 5,484 25,793 12,086 21,682 29,2823 40,731 2,086 3,345 3,345 3,345 3,345 3,600 162,631 182,677 1,606 68,840 3,817 1,506 66,551 2,985 3,331	81,529 10,211 41,180 95,167 5,780 6,414 27,606 5,513 22,895 99,583 43,921 2,220 3,483 3,567 9,522 9,689 172,229 90,309 1,670 72,206 4,051 1,597 8,447 60,856 27,693 3,146 3,511	8.1 6.0 12.4 6.1 7.0 6.3 7.8 6.1 7.0 6.3 7.8 6.1 6.1 6.2 6.3 7.8 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3	36,321 24,411 24,154 33,581 20,996 25,995 23,226 25,995 23,226 24,508 24,508 22,471 21,891 26,532 30,868 27,445 21,491 26,532 30,869 27,445 21,491 26,532 29,309 28,700 28,700 20,738 20,738 20,788 20,788	37,298 25,125 24,929 21,361 21,968 23,969 32,963 32,963 32,963 25,337 22,575 22,575 22,043 26,043 26,043 26,043 26,043 26,043 26,043 26,043 26,043 26,043 26,043 26,043 26,043 27,393 28,043 28,043 29,067 22,043 22	40,061 26,211 26,159 39,611 22,139 25,436 31,862 26,523 24,238 23,479 23,479 24,238 23,479 24,238 23,479 24,238 23,479 24,238 21,141 23,063 27,908 33,742 21,141 30,054 21,141 31,620 28,709 19,128 22,174 24,650	244 264 111 34 120 309 65 69 300 47 51 96 310 286	FL Terre Haute, IN Texarkana, TX—Texarkana, AR Toledo, OH. Topeka, KS. Trenton, NJ* Tlucson, AZ Tlusa, OK. Tluscaloosa, AL Tlyer, TX Utica—Rome, NY Vallejo—Fairfield—Napa, CA* Ventura, CA* Victoria, TX Vineland—Millville—Bridgeton, NJ* Visalia—Tulare—Porterville, CA Waco, TX Washington, DC—MD—VA—WV* Waterloo—Cedar Falls, IA West Palm Beach—Boca Raton, FL. Wheeling, WV—OH Wichta, KS. Wichita Falls, TX Williamsport, PA Williamsport, PA Williamsport, PA Williamsport, PA Williamsport, PA Williamsport, PA Wilminigton—Newark, DE—MD* Wilminigton, NC Yakima, WA	61,218 3,173 2,564 15,919 4,369 12,521 18,089 12,450 3,605 4,389 6,583 12,820 20,632 20,632 20,632 21,450 3,025 3,126 6,631 4,467 3,324 4,502 3,252 2,563 17,935 5,363	63,331 3,267 16,490 4,478 13,071 19,037 11,984 3,753 4,518 6,764 13,219 12,140 2,140 2,140 3,182 2,946 3,209 4,705 182,217 4,705 182,217 4,705 182,217 4,705 182,217 4,705 182,217 182,217 183,382 184,638 3,341 2,632 18,587 18,638 18,6	67,824 3,424 2,808 17,011 4,724 14,385 20,117 3,903 15,597 24,166 4,897 13,412 7,396 4,897 14,166 3,381 146,589 3,511 46,589 3,537 24,788 20,149 6,034 4,906	7.1 4.9 5.0 3.2 5.5 10.1 5.7 5.3 4.0 6.5 4.0 13.6 9.2 7.3 7.2 6.1 4.1 8.8 5.8 5.8 4.7 4.7 4.7 5.9 5.9 8.4 7.3 6.8	26,197 21,192 19,916 25,739 25,739 25,739 22,239 27,244 22,062 25,662 21,897 25,628 21,421 118,426 21,281 35,871 23,216 24,782 39,182 21,368 26,868 23,143 21,257 31,301 23,777 20,709	26,732 21,844 20,647 26,667 26,418 37,512 22,967 27,529 22,826 26,152 22,557 26,888 21,748 21,748 21,748 21,748 21,748 21,748 21,748 21,904 21	23,303 20,043 22,878 40,046 24,373 26,860 41,007 23,170 27,904 25,208 23,252 34,262	105 266 291 1123 115 7 241 93 243 125 245 72 45 126 43 207 269 12 218 137 6 6 212 218 137 260 212 218 218 219 218 219 219 219 219 219 219 219 219 219 219
Punta Gorda, FL. Racine, WI* Raleigh-Durham-Chapel Hill, NC Rapid City, SD Reading, PA Redding, CA	3,253 5,076 33,005 2,100 9,620 3,605	3,331 5,209 35,371 2,209 9,934 3,781	3,511 5,470 38,912 2,340 10,509 4,032	5.4 5.0 10.0 5.9 5.8 6.6	23,638 27,042 29,253 24,056 26,208 22,247	23,751 27,654 30,443 25,090 26,781 23,339	24,650 28,949 32,537 26,361 28,078 24,606	91 40 152 107	Yakıma, WA Yolo, CA* York, PA Youngstown-Warren, OH Yuba Gity, CA Yuma, AZ	4,551 4,049 9,518 13,592 2,717 2,445	4,593 4,341 9,805 13,926 2,983 2,491	4,906 4,589 10,387 14,356 3,158 2,578	5.8 5.7 5.9 3.1 5.9 3.5	20,709 25,035 25,328 22,649 19,828 16,404	20,730 26,265 25,877 23,312 21,600 16,004	25,738 22,022 27,038 27,142 24,173 22,624 16,002	287 132 130 225 277 315

Per capita personal income was computed using Census Bureau midyear population estimates. Estimates for 1998–2000 reflect county population estimates available as of April 2002.
 Percent change calculated from unrounded data.
 The personal income level shown for the United States is derived as the sum of the county estimates. It differs from the estimate of personal income in the national income and product accounts (NIPAs) because of differences in coverage, in the methodologies used to prepare the estimates, and in the timing of the availability of source data. In particular, it

differs from the NIPA estimate because, by definition, it omits the earnings of Federal civilian and military personnel stationed abroad and of U.S. residents employed abroad temporarily by private U.S. firms.

4. Includes Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas (PMSA's designated by \*), and New England County Metropolitan Areas (NECMA's). The New Haven-Bridgeport-Stamford-Danbury-Waterbury, CT NECMA is presented as a PMSA (part of the New York CMSA), Source: Table 1 in "Local Area Personal Income, 1998–2000" in the May 2002 issue of the Survey of Current Business.

# **Gross State Product**

The Bureau of Economic Analysis prepares annual estimates of gross state product (GSP) for all States and the District of Columbia, GSP is often considered the State counterpart of the Nation's gross domestic product (GDP), the Bureau's featured and most comprehensive measure of U.S. economic activity. GSP is the value added in production by the labor and property located in a State. In concept, it is the "value added" of all industries in a State and is equivalent to their gross output (sales or receipts and other operating income, commodity taxes, and inventory change) minus their intermediate inputs (consumption of goods and services purchased from other United States industries or imported). In practice, GSP estimates are measured as the sum of the distributions by industry and State of the components of gross domestic income—that is, the sum of the costs incurred and incomes earned in the production of GDP.

The Bureau prepares GSP estimates in millions of current and chained dollars by State for 63 industries, beginning with 1977 (table 1). For each industry, current-dollar GSP is composed of three components: Compensation of employees, indirect business tax and nontax liability, and property-type income.

GSP estimates are released 17 months after the end of the year and 6 months after the annual release of GDP by industry for the United States. The Bureau prepares regular analyses of the GSP estimates that accompany the release of new estimates.

### Uses of the gross state product estimates

The GSP estimates are used widely in the public and private sectors to study economic trends for States and regions and are used by the Federal and State governments for a variety of administrative purposes. For example:

- Federal Government agencies use the estimates as a basis for allocating funds and determining matching grants. They also use the estimates in econometric models, such as those used to project energy and water use.
- State governments use the estimates in econometric models to project tax revenues and the need for public services.
- Academic researchers use the estimates for theoretical and applied economic research.
- Businesses, trade associations, and labor organizations use the estimates for market research.

## **Availability**

The annual GSP estimates and analyses of the estimates are published in the Survey of Current Business, the monthly journal of the Bureau. Examples of articles include:

- "Gross State Product by Industry, 1998–2000," by Sharon D. Panek and George K. Downey in the June 2002 Survey
- "Gross State Product by Industry, 1977–98," by Richard M. Beemiller and Clifford H. Woodruff III in the October 2000 Survey
- "Comprehensive Revision of Gross State Product by Industry, 1977–94," by Howard L. Friedenberg and Richard M. Beemiller in the June 1997 Survey

Survey articles for recent years are available on our Web site at <www.bea.gov>. The estimates are available on our Web site in free, interactively accessible files.

#### For more information

Call the Gross State Product by Industry staff at 202–606–5340, or e-mail <gspread@bea.gov>.

Table 1. Industries for Which Gross State Product Estimates Are Available

	1987 SIC code		1987 SIC code
Private industries		Local and interurban passenger transit	41
		Trucking and warehousing	42
Agriculture, forestry, and fishing	Α	Water transportation	44
Farms	01-02	Transportation by air	45
Agricultural services, forestry, and fishing	07-09	Pipelines, except natural gas	46
	_	Transportation services	47
Mining	В	Communications	48
Metal mining	10	Electric, gas, and sanitary services	49
Coal mining	12		_
Oil and gas extraction	13	Wholesale trade	F
Nonmetallic minerals, except fuels	14		
Construction	С	Retail trade	G
Manufacturing	D		
		Finance, insurance, and real estate	Н
Durable goods		Depository institutions	60
Lumber and wood products		Nondepository institutions	61
Furniture and fixtures	25	Security and commodity brokers	62
Stone, clay, and glass products		Insurance carriers	63
Primary metal industries			64
Fabricated metal products		Real estate	65
Industrial machinery and equipment	35	Holding and other investment offices	67
Electronic and other electric equipment	36		_
Motor vehicles and equipment	371	Services	_!
Other transportation equipment	372-79		70
Instruments and related products	38	Personal services	72
Miscellaneous manufacturing industries	39	Business services	73
		Auto repair, services, and parking	75
Nondurable goods		Miscellaneous repair services	76
Food and kindred products	20	Motion pictures	78
Tobacco products	21	Amusement and recreation services	79
Textile mill products	22	Health services	80
Apparel and other textile products		Legal services	81
Paper and allied products	26	Educational services	82
Printing and publishing	27	Social services	83
Chemicals and allied products	28	Membership organizations	86
Petroleum and coal products	29	Other services	84,87,89
Rubber and miscellaneous plastics products	30	Private households	88
Leather and leather products	31		
	_	Government	J
Transportation and public utilities	E	1000101011011	91–96
Transportation		Federal military	97
Railroad transportation	40	State and local	91–96

Note. The tables of gross domestic product (GDP) by industry for the Nation that were published in the November 2001 Survey of Current Business present estimates for all of the industries shown in this table except Federal civilian and Federal military. In addition, the GDP by industry tables present estimates for the following industries: Telephone and telegraph; radio and television; nonfarm housing services; other real estate; Federal general government; Federal government enterprises; State and local general government; and State and local

government enterprises. SIC Standard Industrial Classification. See Executive Office of the President, Office of Management and Budget, *Standard Industrial Classification Manual 1987* (Washington, DC: U.S. Government Printing Office, 1987).

# **Regional Economic Multipliers**

The Bureau of Economic Analysis prepares, on a reimbursable basis, estimates of economic multipliers for States, counties, and combinations thereof. The multipliers estimate the effects of the changes in the output of one or more industries in an area on the output, employment, and labor earnings in the other industries in that area. The multipliers are produced by BEA's Regional Input-Output Modeling System (RIMS II) using data on the local area personal income and the national input-output accounts. RIMS multipliers can be used to estimate not only total regional impacts but also the impacts on each of 38 industry aggregations (table 1).

# Uses of the regional economic multipliers

The regional economic multipliers are widely used by both the public and private sectors to study economic impacts. For example:

- •Several Federal Government agencies use the regional economic multipliers to study the local impact of government regulations on specific industries (EPA) and to assess the local economic impacts of Federal actions such as military base closings (DOD).
- •State and local governments use the multipliers to estimate the regional economic impacts of government policies and projects and of events, such as firms locating within their State, or to assess the impacts of tourism.
- Businesses and private consultants use the multipliers to estimate the economic impacts of a wide range of projects, such as building a new sports facility or expanding an airport; of natural disasters,

such as Hurricane Andrew; or of special events, such as the 1996 Summer Olympics in Atlanta.

#### Information required from users

To effectively use the RIMS II multipliers for impact analyses, users must provide geographically and industrially detailed information on the initial changes in output, earnings, or employment that are associated with the project or special event under study. To provide this information, the user must answer five questions about the projects or event:

- What is the affected region?
- Which industries are initially affected?
- Is there more than one phase of the project or program?
- What are the initial changes in output, earnings, or employment?
- Should the initial changes be separated into production costs, transportation costs, and trade margins?

#### **Availability**

A more detailed description of the regional economic multipliers is available in *Regional Multipliers: A User Handbook for the Regional Input-Output Modeling System (RIMS II)*, Third Edition (Washington DC: U.S. Government Printing Office, 1997). A version of this publication and other information about the multipliers are available on our Web site at <www.bea.gov>.

#### For more information

Call the Regional Input-Output Modeling System (RIMS) staff at 202–606–5343, or e-mail <rimsread@bea.gov>.

Table 1. RIMS II Industry Aggregations

ber	RIMS Industries	Input-Output Industries Included in Aggregation
	Farm and agricultural services, forestry, and fishing:	
1	Farm products and agricultural, forestry, and fishing services	1.0100-2.0702, 4.0001-4.0002
2	Forestry and fishing products.	3.0001–3.0002
	Mining:	
3	Coal mining	7.0000
4	Oil and gas extraction	8.0001
5	Metal mining and nonmetallic minerals, except fuels	5.0001-6.0200, 9.0001-10.0000
	Construction:	
6	Construction	11.0101–12.0300
U	Manufacturing:	11.0101 12.0000
7		14.0404 45.0000
7 8	Food and kindred products and tobacco products	14.0101–15.0200 16.0100–18.0300
9	Apparel and other textile products	18.0400-19.0306
10	Paper and allied products	24.0100–25.0000
11	Printing and publishing	26.0100–26.0806
12	Chemicals and allied products and petroleum and coal products	27.0100–31.0300
13	Rubber and miscellaneous plastic products and leather and leather products	32.0100-34.0305
14	Lumber and wood products and furniture and fixtures	20.0100–23.0700
15	Stone, clay, and glass products	35.0100–36.2200
16	Primary metal industries	37.0101–38.1400
17	Fabricated metal products	13.0200, 13.0500–13.0700, 39.0100–42.1100
18 19	Industrial machinery and equipment	43.0100–52.0500 53.0200–58.0700
20	Electronic and other electric equipment	59.0100-59.0302
21	Other transportation equipment	13.0100, 13.0300, 60.0100–61.0700
22	Instruments and related products	62.0101–63.0300
23	Miscellaneous manufacturing industries	64.0101-64.1200
	Transportation and public utilities: 1	
24	Transportation	65.0100-65.0702. 78.0100
25	Communications	66.0100–67.0000
26	Electric, gas, and sanitary services	68.0100-68.0302, 78.0200
	Wholesale and retail trade:	
27	Wholesale trade	69.0100
28	Retail trade	69.0200
	Finance, insurance, and real estate:	
29	Depository and nondepository institutions and security and commodity brokers	70.0100-70.0300
30	Insurance	70.0400-70.0500
31	Real estate	71.0100-71.0202
	Services:	
32	Hotels and other lodging places, amusement and recreation services, and motion pictures	72.0101–72.0102, 76.0101–76.0206
33	Personal services	72.0201–72.0300
34	Business services	73.0101–73.0303
35	Eating and drinking places	74.0000
36	Health services	77.0100–77.0305
37	Miscellaneous services	75.0001–75.0003, 77.0401–77.0900, 78.0500–79.0000
	Households:	
38	Households	91,0000

<sup>1.</sup> Includes Federal government enterprises.