



**Department of
Development**

Policy Research and Strategic Planning
A State Affiliate of the U.S. Census Bureau

A large graphic of the state of Ohio, composed of a grid of small, light gray circles. The circles are arranged to form the outline and internal features of the state, with some circles missing to create a dotted effect.

GROSS DOMESTIC PRODUCT OF OHIO

January 2010



Ted Strickland, Governor of Ohio
Lee Fisher, Lt. Governor of Ohio
Lisa Patt-McDaniel, Director, Ohio Department of Development



**Department of
Development**

Ted Strickland, Governor
Lee Fisher, Lt. Governor

Lisa Patt-McDaniel, Director

Dear Fellow Ohioan:

I am pleased to present Ohio's Gross Domestic Product Report, which contains the most current facts and statistics on the size and direction of all 20 major sectors of our state's economy.

The report shows that our Gross Domestic Product stands at \$471.5 billion, making Ohio the seventh-largest state economy and contributing 3.3 percent of the national Gross Domestic Product total. If Ohio were a separate country, it would be the 26th largest in the world.

Our manufacturing heritage continues to drive Ohio's economy into the 21st century. The manufacturing sector contributed \$84 billion to Ohio's economy in 2008, ranking the state third in the nation. Manufacturing represented 17.8 percent of the state's total economic output and 5.1 percent of the entire nation's output. Within manufacturing, the electrical equipment and appliances industries, as well as the plastics and rubber products industries were ranked first in the nation for total output.

Ohio's diversity of industries has placed our state among world market leaders. This diversity is complemented by an unmatched business environment that encourages the corporate growth and profitability necessary for success on the job, and a variety of cultural, educational, and recreational opportunities that provide a comfortable, satisfying life away from the workplace. Ohio's unique combination of life and work amenities makes our state a leader in providing the balance all people strive for in their professional and personal lives.

We invite you to review the attached report to expand your understanding of Ohio's large and diverse economy. We welcome your input. Should you have any questions or comments, please contact John Magill, Chief Strategic Officer, at (614) 466-2116.

Sincerely,

Lisa Patt-McDaniel
Director

GROSS DOMESTIC PRODUCT FROM OHIO

DECEMBER 2009

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TERMINOLOGY

The *Gross Domestic Product* of Ohio is the final value of goods produced and services provided by capital and labor located in the state. Put another way, a state's total Gross Domestic Product is the sum of the value-added – revenue less the costs of goods and services purchased – for all industries therein. It “is the most comprehensive measure of overall economic activity... the state counterpart to GDP in the national income and products accounts” (Coakley, *et.al.* 2009: 62). It is actually measured using data such as employees' compensation, taxes on production and imports less subsidies, and gross operating surplus. See Downey and Aman (2006), Woodruff, *et.al.* (2007), and Coakley, *et.al.* (2009) for details about the data sources and the calculations for each industry.

Beginning in 1997, statistics on the nation's industries have been organized under the North American Industrial Classification System (NAICS). Establishments producing goods or providing services sufficiently alike are classified in the same *industry*. A six-digit NAICS code is assigned to each industry. Closely related industries formed an *industry group*. The first four digits of the code indicate the group to which the industries belong. (The first five digits occasionally indicate a sub-group.) Industry groups with common elements and shared characteristics comprise a *major industry*. The first three digits of the code indicate a major industry, and the first two digits indicate the *sector* (Office of Management and Budget, 1998, 2002). The U.S. BEA (2009) usually publishes Gross Domestic Product-by-state figures down to the major industry level. However, figures are available only at the sector level in some instances, while in a few others, they are available for industry groups or a combination of industry groups within a major industry.

The NAICS uses guidelines that may be new or different from the 1987 Standard Industrial Classification (SIC) system that it replaced. Occasionally, this has meant that establishments classified in the same industry under the SIC system were classified in different industries – even different groups, major industries, and sectors – under the NAICS. Summary results of this change are shown in the table on the following page. Under the SIC system, almost all the 270,540 non-agricultural private-sector establishments in Ohio in 1997 were classified in nine divisions. Under the NAICS, the same establishments were spread across 20 sectors. (Less than one percent of the establishments were unclassifiable in either system). Counts of establishments in divisions or sectors with the same name differed between the systems in 1997: 877 vs. 843 in mining, 18,669 vs. 18,166 in manufacturing, 26,863 vs. 27,420 in construction, etc. Consequently, the change from the SIC system to the NAICS represents an insurmountable discontinuity in charting the changes in Ohio's economy. Presentations of trends have been limited to the times where the effects of inflation and deflation have been removed: 1990-1997 for the SIC system, and 1998-2007/8 for the NAICS. This report concentrates mostly on the latter period.

Table: Classification of Private Sector Establishments in Ohio, 1997, Under the 1987 SIC System and the 1997 NAICS

| 1987 SIC System | | | 1997 NAICS | | |
|-----------------|---|----------------|------------|--|----------------|
| Code | Division Title | Establishments | Code | Sector Title | Establishments |
| | Total* | 270,540 | | Total* | 270,540 |
| A | Agricultural services-forestry-fishing-etc. | 4,763 | 11 | Forestry-fishing-etc. | 380 |
| B | Mining | 877 | 21 | Mining | 843 |
| C | Construction | 26,863 | 23 | Construction | 27,420 |
| D | Manufacturing | 18,669 | 31-33 | Manufacturing | 18,166 |
| E | Transportation-communications-utilities | 10,828 | 48-49 | Transportation & warehousing | 6,812 |
| | | | 22 | Utilities | 535 |
| F | Wholesale trade | 20,419 | 42 | Wholesale trade | 17,464 |
| G | Retail trade | 64,626 | 44-45 | Retail trade | 44,620 |
| H | Finance-insurance-real estate | 24,694 | 52 | Finance & insurance | 16,316 |
| | | | 53 | Real estate, rental, & leasing | 9,612 |
| I | Services | 97,616 | 51 | Information | 3,522 |
| | | | 54 | Professional-scientific-technical services | 22,677 |
| | | | 55 | Management of companies, etc. | 1,765 |
| | | | 56 | Administrative support, etc. | 13,700 |
| | | | 61 | Educational services | 2,330 |
| | | | 62 | Health care & social assistance | 25,195 |
| | | | 71 | Arts, entertainment & recreation | 3,813 |
| | | | 72 | Accommodation & food services | 22,756 |
| | | | 81 | Other services (except government) | 30,712 |
| | | | 95 | Auxiliaries (except code 55) | 645 |
| | Unclassified establishments | 1,185 | 99 | Unclassified establishments | 1,257 |

Note * - All self-employed and agricultural workers, as well as most government and railroad employees, are excluded.
Sources: U.S. Bureau of the Census (1999, 2000).

DETAILED TABLES

Table A1: Ohio's Gross Domestic Product by Sector*, 2008 (in millions of current dollars, except percentages and ratios)

| 1997 NAICS Codes | Sector Titles | Ohio GDP 2008 | | U.S. GDP 2008 | | Ohio as a Percentage of the U.S. | Ohio::U.S. Concentra- tion Ratio |
|------------------------|---|---------------|-------------------------|---------------|-------------------------|--|--|
| | | (000,000) | Percent Distribution | (000,000) | Percent Distribution | | |
| 11-92 | All Industries | \$471,508 | 100.00% | \$14,165,600 | 100.00% | 3.33% | 1.00 |
| 11-81 | Private industries | \$417,409 | 88.53% | \$12,424,600 | 87.71% | 3.36% | 1.01 |
| 11 | Agriculture, forestry, fishing & hunting | \$3,324 | 0.70% | \$157,695 | 1.11% | 2.11% | 0.63 |
| 21 | Mining | \$2,569 | 0.54% | \$325,343 | 2.30% | 0.79% | 0.24 |
| 22 | Utilities | \$10,996 | 2.33% | \$306,024 | 2.16% | 3.59% | 1.08 |
| 23 | Construction | \$16,262 | 3.45% | \$581,537 | 4.11% | 2.80% | 0.84 |
| 31-33 | Manufacturing | \$84,058 | 17.83% | \$1,637,670 | 11.56% | 5.13% | 1.54 |
| 32p & 33 | Durable goods | \$55,372 | 11.74% | \$914,711 | 6.46% | 6.05% | 1.82 |
| 31 & 32p | Nondurable goods | \$28,686 | 6.08% | \$722,960 | 5.10% | 3.97% | 1.19 |
| 42 | Wholesale trade | \$30,118 | 6.39% | \$818,787 | 5.78% | 3.68% | 1.11 |
| 44-45 | Retail trade | \$30,282 | 6.42% | \$885,486 | 6.25% | 3.42% | 1.03 |
| 48-49 (exc. 491) | Transportation & warehousing, exc. Postal Service | \$16,483 | 3.50% | \$414,858 | 2.93% | 3.97% | 1.19 |
| 51 | Information | \$12,436 | 2.64% | \$621,986 | 4.39% | 2.00% | 0.60 |
| 52 | Finance & insurance | \$34,716 | 7.36% | \$1,064,900 | 7.52% | 3.26% | 0.98 |
| 53 | Real estate, rental & leasing | \$46,746 | 9.91% | \$1,783,510 | 12.59% | 2.62% | 0.79 |
| 54 | Professional & technical services | \$28,985 | 6.15% | \$1,095,570 | 7.73% | 2.65% | 0.79 |
| 55 | Management of companies & enterprises | \$16,218 | 3.44% | \$283,750 | 2.00% | 5.72% | 1.72 |
| 56 | Administrative & waste services | \$14,401 | 3.05% | \$426,451 | 3.01% | 3.38% | 1.01 |
| 61 | Educational services | \$3,922 | 0.83% | \$138,254 | 0.98% | 2.84% | 0.85 |
| 62 | Health care & social assistance | \$40,212 | 8.53% | \$1,019,660 | 7.20% | 3.94% | 1.18 |
| 71 | Arts, entertainment & recreation | \$3,626 | 0.77% | \$140,134 | 0.99% | 2.59% | 0.78 |
| 72 | Accommodation & food services | \$11,047 | 2.34% | \$396,212 | 2.80% | 2.79% | 0.84 |
| 81 | Other services, exc. government | \$11,009 | 2.33% | \$326,796 | 2.31% | 3.37% | 1.01 |
| 92 | Government (inc. Postal Service) | \$54,098 | 11.47% | \$1,740,940 | 12.29% | 3.11% | 0.93 |

Notes: * - sector figures are preliminary, major industry data are not available; exc. - except; inc. - including; p - part. Components may not sum to totals due to rounding.

Source: U.S. Bureau Economic Analysis (2009).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 7/09).

Table A2: Ohio and U.S. Gross Domestic Product by Sector, 1998-2008 (in millions of chained 2000 dollars)

| 1997 NAICS Codes | Industry Titles | Area | Gross Domestic Product (standardized on 2000) | | | | | | | | | | | Percent Change 1998-2008 |
|------------------------|---|------|---|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------------------|
| | | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008* | |
| 11-92 | All Industries | U.S. | \$9,004,670 | \$9,404,250 | \$9,749,100 | \$9,836,580 | \$9,981,850 | \$10,225,700 | \$10,580,200 | \$10,912,200 | \$11,218,800 | \$11,439,200 | \$11,523,600 | 28.0% |
| | | Ohio | \$362,724 | \$368,482 | \$372,006 | \$365,735 | \$373,457 | \$378,719 | \$387,436 | \$390,602 | \$387,345 | \$388,281 | \$385,559 | 6.3% |
| 11-81 | Private industries | U.S. | \$7,896,070 | \$8,285,470 | \$8,614,290 | \$8,692,540 | \$8,817,040 | \$9,050,830 | \$9,406,660 | \$9,739,980 | \$10,043,500 | \$10,250,100 | \$10,309,400 | 30.6% |
| | | Ohio | \$324,141 | \$329,933 | \$332,758 | \$326,274 | \$333,559 | \$339,195 | \$348,559 | \$352,173 | \$349,453 | \$350,417 | \$347,144 | 7.1% |
| 11 | Agriculture, forestry, fishing & hunting | U.S. | \$84,578 | \$87,396 | \$98,020 | \$91,806 | \$96,811 | \$104,070 | \$111,043 | \$120,476 | \$114,128 | \$122,057 | \$121,401 | 43.5% |
| | | Ohio | \$1,789 | \$1,410 | \$1,815 | \$1,601 | \$1,517 | \$1,778 | \$2,036 | \$2,045 | \$2,121 | \$2,359 | \$2,474 | 38.3% |
| 21 | Mining | U.S. | \$123,375 | \$126,552 | \$121,334 | \$114,922 | \$107,646 | \$106,680 | \$107,708 | \$103,668 | \$111,336 | \$111,427 | \$110,482 | -10.5% |
| | | Ohio | \$1,456 | \$1,491 | \$1,486 | \$1,305 | \$1,365 | \$1,249 | \$1,230 | \$1,103 | \$1,082 | \$1,009 | \$966 | -33.7% |
| 22 | Utilities | U.S. | \$171,272 | \$179,204 | \$189,291 | \$179,980 | \$187,670 | \$200,629 | \$212,150 | \$199,594 | \$201,855 | \$204,209 | \$208,116 | 21.5% |
| | | Ohio | \$7,256 | \$7,365 | \$7,481 | \$7,405 | \$7,397 | \$7,383 | \$7,561 | \$6,891 | \$7,036 | \$7,086 | \$7,478 | 3.1% |
| 23 | Construction | U.S. | \$423,216 | \$433,346 | \$435,914 | \$436,624 | \$428,070 | \$419,300 | \$420,351 | \$418,461 | \$401,209 | \$356,441 | \$336,449 | -20.5% |
| | | Ohio | \$16,043 | \$16,120 | \$15,553 | \$14,683 | \$14,159 | \$13,551 | \$13,280 | \$12,435 | \$11,335 | \$10,034 | \$9,408 | -41.4% |
| 31-33 | Manufacturing | U.S. | \$1,286,190 | \$1,342,120 | \$1,426,220 | \$1,346,870 | \$1,384,380 | \$1,400,090 | \$1,478,320 | \$1,491,020 | \$1,573,290 | \$1,618,580 | \$1,574,290 | 22.4% |
| | | Ohio | \$84,744 | \$83,144 | \$83,968 | \$75,961 | \$80,612 | \$79,307 | \$83,240 | \$82,066 | \$82,827 | \$82,939 | \$78,404 | -7.5% |
| 32p & 33 | Durable goods | U.S. | \$729,898 | \$775,515 | \$865,268 | \$813,625 | \$827,746 | \$849,426 | \$898,784 | \$948,528 | \$1,025,750 | \$1,074,580 | \$1,061,000 | 45.4% |
| | | Ohio | \$58,823 | \$57,262 | \$59,949 | \$52,391 | \$54,417 | \$54,104 | \$56,918 | \$58,215 | \$59,239 | \$59,618 | \$56,403 | -4.1% |
| 31 & 32p | Nondurable goods | U.S. | \$559,614 | \$568,228 | \$560,950 | \$533,096 | \$555,657 | \$551,218 | \$580,406 | \$551,369 | \$563,125 | \$565,545 | \$539,441 | -3.6% |
| | | Ohio | \$25,940 | \$25,923 | \$24,019 | \$23,516 | \$26,064 | \$25,122 | \$26,249 | \$24,024 | \$23,838 | \$23,628 | \$22,302 | -14.0% |
| 42 | Wholesale trade | U.S. | \$564,655 | \$594,132 | \$591,687 | \$633,123 | \$639,370 | \$653,105 | \$666,322 | \$688,007 | \$692,156 | \$698,004 | \$687,776 | 21.8% |
| | | Ohio | \$22,892 | \$22,574 | \$22,097 | \$24,160 | \$24,921 | \$24,921 | \$25,569 | \$25,569 | \$25,507 | \$25,507 | \$25,299 | 10.5% |
| 44-45 | Retail trade | U.S. | \$598,829 | \$633,853 | \$662,430 | \$708,602 | \$723,996 | \$752,246 | \$771,948 | \$840,778 | \$887,545 | \$927,914 | \$923,403 | 54.2% |
| | | Ohio | \$24,598 | \$25,535 | \$26,448 | \$27,971 | \$28,120 | \$29,220 | \$29,264 | \$30,909 | \$30,590 | \$31,790 | \$31,579 | 28.4% |
| 48-49p | Transportation & warehousing ¹ | U.S. | \$275,845 | \$287,449 | \$301,622 | \$293,641 | \$300,207 | \$306,250 | \$334,136 | \$347,628 | \$354,790 | \$363,732 | \$350,157 | 26.9% |
| | | Ohio | \$10,688 | \$11,038 | \$11,325 | \$10,657 | \$10,778 | \$10,811 | \$11,904 | \$12,678 | \$13,259 | \$13,485 | \$13,144 | 23.0% |
| 51 | Information | U.S. | \$376,962 | \$437,528 | \$458,304 | \$476,793 | \$487,009 | \$501,522 | \$560,146 | \$608,999 | \$625,600 | \$676,190 | \$711,339 | 88.7% |
| | | Ohio | \$9,556 | \$10,517 | \$10,190 | \$10,671 | \$10,966 | \$11,385 | \$12,503 | \$13,395 | \$13,105 | \$13,770 | \$14,221 | 48.8% |
| 52 | Finance & insurance | U.S. | \$634,611 | \$678,143 | \$740,488 | \$772,833 | \$789,961 | \$817,876 | \$826,490 | \$889,877 | \$945,600 | \$946,085 | \$917,453 | 44.6% |
| | | Ohio | \$24,028 | \$25,482 | \$26,395 | \$25,750 | \$26,519 | \$29,043 | \$29,913 | \$31,261 | \$30,740 | \$30,224 | \$28,452 | 18.4% |
| 53 | Real estate, rental & leasing | U.S. | \$1,108,620 | \$1,156,980 | \$1,190,460 | \$1,232,580 | \$1,233,880 | \$1,254,310 | \$1,305,950 | \$1,332,660 | \$1,368,660 | \$1,414,080 | \$1,439,500 | 29.8% |
| | | Ohio | \$36,512 | \$38,503 | \$39,755 | \$40,917 | \$40,785 | \$40,075 | \$40,997 | \$39,707 | \$37,857 | \$37,818 | \$37,729 | 3.3% |
| 54 | Professional & technical services | U.S. | \$585,863 | \$623,894 | \$675,122 | \$679,057 | \$668,771 | \$695,309 | \$749,984 | \$791,593 | \$837,285 | \$896,532 | \$974,398 | 66.3% |
| | | Ohio | \$18,083 | \$18,908 | \$19,181 | \$19,439 | \$19,154 | \$19,723 | \$20,936 | \$21,659 | \$22,226 | \$23,940 | \$25,882 | 43.1% |
| 55 | Management of companies & enterprises | U.S. | \$184,040 | \$185,587 | \$183,354 | \$179,923 | \$185,334 | \$190,528 | \$181,333 | \$185,970 | \$183,338 | \$179,325 | \$179,686 | -2.4% |
| | | Ohio | \$8,701 | \$8,948 | \$8,470 | \$8,323 | \$10,049 | \$10,983 | \$9,812 | \$10,948 | \$10,501 | \$9,972 | \$10,270 | 18.0% |
| 56 | Administrative & waste services | U.S. | \$281,005 | \$296,887 | \$282,373 | \$274,423 | \$277,739 | \$295,512 | \$298,762 | \$320,933 | \$324,270 | \$330,931 | \$335,001 | 19.2% |
| | | Ohio | \$10,959 | \$11,060 | \$10,094 | \$9,476 | \$9,618 | \$10,432 | \$10,571 | \$10,990 | \$10,898 | \$11,072 | \$11,314 | 3.2% |
| 61 | Educational services | U.S. | \$75,627 | \$77,139 | \$79,239 | \$79,108 | \$81,171 | \$84,038 | \$85,719 | \$85,483 | \$86,983 | \$89,800 | \$92,939 | 22.9% |
| | | Ohio | \$2,391 | \$2,331 | \$2,473 | \$2,382 | \$2,372 | \$2,441 | \$2,485 | \$2,482 | \$2,534 | \$2,556 | \$2,636 | 10.2% |
| 62 | Health care & social assistance | U.S. | \$572,975 | \$583,006 | \$599,197 | \$620,972 | \$648,411 | \$677,678 | \$701,136 | \$723,938 | \$748,488 | \$763,068 | \$797,946 | 39.3% |
| | | Ohio | \$24,779 | \$25,073 | \$25,678 | \$26,377 | \$27,006 | \$27,962 | \$28,773 | \$29,374 | \$30,074 | \$30,068 | \$31,051 | 25.3% |
| 71 | Arts, entertainment & recreation | U.S. | \$84,691 | \$87,884 | \$88,676 | \$91,464 | \$94,691 | \$96,501 | \$99,411 | \$100,187 | \$104,297 | \$106,232 | \$108,323 | 27.9% |
| | | Ohio | \$2,405 | \$2,623 | \$2,623 | \$2,727 | \$2,754 | \$2,752 | \$2,719 | \$2,692 | \$2,730 | \$2,759 | \$2,801 | 16.5% |
| 72 | Accommodation & food services | U.S. | \$242,495 | \$251,175 | \$261,443 | \$256,161 | \$258,982 | \$268,093 | \$279,119 | \$286,249 | \$295,412 | \$300,364 | \$305,007 | 25.8% |
| | | Ohio | \$8,072 | \$7,928 | \$8,169 | \$7,961 | \$7,929 | \$8,169 | \$8,418 | \$8,417 | \$8,311 | \$8,502 | \$8,475 | 5.0% |
| 81 | Other services, exc. government | U.S. | \$233,400 | \$229,656 | \$229,109 | \$225,302 | \$226,057 | \$230,521 | \$230,875 | \$235,472 | \$234,567 | \$235,426 | \$236,045 | 1.1% |
| | | Ohio | \$9,129 | \$8,952 | \$8,914 | \$8,641 | \$8,583 | \$8,703 | \$8,586 | \$8,518 | \$8,201 | \$8,171 | \$7,952 | -12.9% |
| 92 | Government ² | U.S. | \$1,100,170 | \$1,113,470 | \$1,134,820 | \$1,146,460 | \$1,166,230 | \$1,177,390 | \$1,179,710 | \$1,184,450 | \$1,191,320 | \$1,207,330 | \$1,230,220 | 11.8% |
| | | Ohio | \$38,596 | \$38,547 | \$39,248 | \$39,456 | \$39,903 | \$39,582 | \$39,062 | \$38,692 | \$38,177 | \$38,164 | \$38,600 | 0.0% |

Notes: * - preliminary; 1 - excludes the Postal Service; 2 - includes the Postal Service; p - part. Components may not sum to totals due to rounding and/or different inflators/deflators used for different industries.

Source: Downey and Aman (2006), U.S. Bureau Economic Analysis (2008), Woodruff, et.al. (2006).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 7/09).

Table A3: Ohio's Gross Domestic Product by Industry, 1998-2007 (in millions of current dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | |
|------------------|---|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r |
| 11-92 | All Industries* | \$348,723 | \$360,614 | \$372,006 | \$374,719 | \$389,773 | \$402,399 | \$423,735 | \$438,848 | \$449,000 | \$462,506 |
| 11-81 | Private industries | \$312,647 | \$323,413 | \$332,758 | \$333,804 | \$346,524 | \$357,434 | \$377,268 | \$390,716 | \$399,450 | \$410,857 |
| 11 | Agriculture, forestry, fishing & hunting | \$2,217 | \$1,523 | \$1,815 | \$1,737 | \$1,510 | \$1,996 | \$2,697 | \$2,306 | \$2,279 | \$3,367 |
| 111-2 | Crop & animal production (farms) | \$1,987 | \$1,251 | \$1,509 | \$1,470 | \$1,261 | \$1,721 | \$2,400 | \$1,996 | \$1,960 | \$3,043 |
| 113-5 | Forestry, fishing & related activities | \$230 | \$272 | \$306 | \$267 | \$249 | \$275 | \$297 | \$309 | \$319 | \$325 |
| 21 | Mining | \$1,196 | \$1,244 | \$1,486 | \$1,355 | \$1,395 | \$1,580 | \$1,809 | \$2,097 | \$2,261 | \$2,245 |
| 211 | Oil & gas extraction | \$265 | \$335 | \$483 | \$447 | \$570 | \$695 | \$830 | \$1,031 | \$1,060 | \$1,023 |
| 212 | Mining, except oil & gas | \$855 | \$843 | \$930 | \$816 | \$724 | \$756 | \$824 | \$900 | \$970 | \$976 |
| 213 | Support activities for mining | \$77 | \$67 | \$73 | \$91 | \$101 | \$128 | \$154 | \$166 | \$232 | \$245 |
| 22 | Utilities | \$7,660 | \$7,620 | \$7,481 | \$8,322 | \$8,172 | \$8,095 | \$8,564 | \$8,268 | \$9,507 | \$9,766 |
| 23 | Construction | \$14,192 | \$15,125 | \$15,553 | \$15,790 | \$15,952 | \$16,036 | \$17,035 | \$17,991 | \$18,251 | \$17,195 |
| 31-33 | Manufacturing | \$84,977 | \$83,502 | \$83,968 | \$76,824 | \$80,419 | \$78,481 | \$82,446 | \$82,922 | \$84,618 | \$84,986 |
| 32p & 33 | Durable goods | \$59,984 | \$58,119 | \$59,949 | \$52,055 | \$53,124 | \$51,825 | \$54,711 | \$56,038 | \$56,703 | \$56,950 |
| 321 | Wood products | \$1,108 | \$1,110 | \$1,170 | \$1,100 | \$1,146 | \$909 | \$1,299 | \$1,192 | \$1,027 | \$984 |
| 327 | Nonmetallic mineral products | \$3,397 | \$3,473 | \$3,486 | \$3,116 | \$3,389 | \$3,188 | \$3,055 | \$2,915 | \$3,014 | \$2,728 |
| 331 | Primary metals | \$8,367 | \$7,058 | \$6,679 | \$5,068 | \$4,584 | \$3,919 | \$5,778 | \$6,921 | \$6,808 | \$6,483 |
| 332 | Fabricated metal products | \$9,694 | \$10,065 | \$10,390 | \$9,074 | \$8,974 | \$9,248 | \$9,824 | \$10,304 | \$11,089 | \$11,758 |
| 333 | Machinery | \$7,758 | \$6,814 | \$6,566 | \$6,196 | \$5,642 | \$5,729 | \$6,226 | \$6,940 | \$6,787 | \$6,767 |
| 334 | Computer & electronic products | \$3,493 | \$3,201 | \$3,048 | \$2,223 | \$1,616 | \$1,469 | \$1,698 | \$2,127 | \$2,082 | \$2,338 |
| 335 | Electrical equipment & appliances | \$3,517 | \$4,078 | \$4,441 | \$4,233 | \$4,372 | \$5,210 | \$4,458 | \$4,533 | \$4,429 | \$4,726 |
| 336 | Transportation equipment | \$19,386 | \$19,010 | \$20,735 | \$17,822 | \$19,856 | \$18,645 | \$18,859 | \$17,494 | \$17,847 | \$17,630 |
| 3361-3 | Motor vehicles, bodies, trailers & parts | \$16,530 | \$15,828 | \$16,786 | \$13,934 | \$16,235 | \$15,338 | \$15,034 | \$13,345 | \$13,196 | \$12,607 |
| 3364-9 | Other transportation equipment | \$2,856 | \$3,182 | \$3,949 | \$3,888 | \$3,621 | \$3,307 | \$3,825 | \$4,149 | \$4,651 | \$5,023 |
| 337 | Furniture & related products | \$1,326 | \$1,422 | \$1,446 | \$1,365 | \$1,511 | \$1,627 | \$1,448 | \$1,642 | \$1,601 | \$1,650 |
| 339 | Miscellaneous mfg. | \$1,939 | \$1,888 | \$1,988 | \$1,857 | \$2,034 | \$1,881 | \$2,066 | \$1,969 | \$2,020 | \$1,886 |
| 31 & 32p | Nondurable goods ¹ | \$24,993 | \$25,384 | \$24,019 | \$24,769 | \$27,295 | \$26,656 | \$27,735 | \$26,883 | \$27,915 | \$28,036 |
| 311-2 | Food products | \$6,423 | \$6,679 | \$6,250 | \$7,263 | \$7,911 | \$7,098 | \$7,106 | \$6,414 | \$6,607 | \$7,162 |
| 313-4 | Textile & textile product mills | \$398 | \$436 | \$457 | \$424 | \$388 | \$401 | \$372 | \$375 | \$356 | \$341 |
| 315 | Apparel | \$250 | \$146 | \$171 | \$217 | \$208 | \$234 | \$223 | \$240 | \$218 | \$196 |
| 322 | Paper | \$2,175 | \$2,204 | \$2,164 | \$2,051 | \$2,203 | \$2,025 | \$2,075 | \$2,039 | \$2,327 | \$2,051 |
| 323 | Printing & related support activities | \$2,335 | \$2,352 | \$2,278 | \$2,204 | \$2,348 | \$2,451 | \$2,490 | \$2,530 | \$2,503 | \$2,388 |
| 324 | Petroleum & coal products | \$1,007 | \$613 | \$1,023 | \$1,106 | \$824 | \$973 | \$1,336 | \$1,876 | \$2,189 | \$2,045 |
| 325 | Chemical | \$6,948 | \$7,324 | \$6,290 | \$6,516 | \$7,763 | \$8,021 | \$8,588 | \$7,847 | \$8,567 | \$8,775 |
| 326 | Plastics & rubber products | \$5,458 | \$5,630 | \$5,387 | \$4,989 | \$5,650 | \$5,453 | \$5,547 | \$5,561 | \$5,148 | \$5,079 |
| 42 | Wholesale trade | \$22,012 | \$22,922 | \$22,740 | \$23,105 | \$23,253 | \$23,888 | \$25,682 | \$26,848 | \$28,495 | \$29,487 |
| 44-45 | Retail trade | \$24,590 | \$25,599 | \$26,448 | \$27,299 | \$27,948 | \$29,190 | \$29,453 | \$30,316 | \$29,865 | \$30,577 |
| 48-49p | Transportation & warehousing ² | \$10,403 | \$10,923 | \$11,325 | \$10,966 | \$11,245 | \$11,499 | \$12,857 | \$14,054 | \$15,280 | \$15,972 |
| 481 | Air transportation | \$1,057 | \$1,154 | \$1,200 | \$868 | \$947 | \$977 | \$1,027 | \$1,091 | \$1,309 | \$1,393 |
| 482 | Rail transportation | \$1,079 | \$1,066 | \$1,003 | \$1,007 | \$1,058 | \$1,109 | \$1,317 | \$1,520 | \$1,749 | \$1,812 |
| 483 | Water transportation | \$218 | \$198 | \$229 | \$206 | \$179 | \$194 | \$145 | \$147 | \$135 | \$106 |
| 484 | Truck transportation | \$4,358 | \$4,507 | \$4,596 | \$4,597 | \$4,819 | \$4,885 | \$5,545 | \$5,923 | \$6,039 | \$6,343 |
| 485 | Transit & ground passenger transportation | \$210 | \$215 | \$229 | \$232 | \$253 | \$255 | \$283 | \$283 | \$284 | \$304 |
| 486 | Pipeline transportation | \$112 | \$153 | \$116 | \$118 | \$157 | \$158 | \$146 | \$148 | \$166 | \$170 |
| 487-8, 492 | Other transportation & support activities | \$2,440 | \$2,637 | \$2,897 | \$2,919 | \$2,749 | \$2,698 | \$2,971 | \$3,190 | \$3,639 | \$3,653 |
| 493 | Warehousing & storage | \$930 | \$992 | \$1,056 | \$1,020 | \$1,082 | \$1,223 | \$1,422 | \$1,752 | \$1,959 | \$2,191 |
| 51 | Information | \$9,726 | \$10,586 | \$10,190 | \$10,658 | \$10,846 | \$11,064 | \$11,751 | \$12,129 | \$11,611 | \$11,937 |
| 511 | Publishing including software | \$2,874 | \$3,274 | \$2,919 | \$3,151 | \$3,439 | \$3,724 | \$4,082 | \$4,377 | \$3,918 | \$3,862 |
| 512 | Motion picture & sound recording industries | \$161 | \$222 | \$237 | \$227 | \$217 | \$211 | \$206 | \$208 | \$207 | \$204 |
| 513 | Broadcasting & telecommunications | \$5,903 | \$6,145 | \$6,273 | \$6,279 | \$6,156 | \$6,034 | \$6,368 | \$6,426 | \$6,372 | \$6,959 |
| 514 | Information & data processing svcs. | \$789 | \$944 | \$760 | \$1,001 | \$1,034 | \$1,095 | \$1,095 | \$1,117 | \$1,114 | \$912 |

Table A3: Ohio's Gross Domestic Product by Industry, 1998-2007 (in millions of current dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | |
|------------------|---|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r |
| 52 | Finance & insurance | \$23,234 | \$24,835 | \$26,395 | \$26,344 | \$28,124 | \$31,733 | \$34,044 | \$36,155 | \$36,271 | \$36,548 |
| 521-2 | Federal Reserve, credit intermediation, etc. | \$11,155 | \$12,665 | \$12,701 | \$13,785 | \$15,836 | \$19,079 | \$20,722 | \$22,145 | \$21,608 | \$20,574 |
| 523 | Securities, commodity contracts, investments | \$2,178 | \$2,365 | \$2,685 | \$2,479 | \$2,262 | \$2,151 | \$2,227 | \$2,438 | \$2,613 | \$2,837 |
| 524 | Insurance carriers & related activities | \$9,815 | \$9,684 | \$10,857 | \$9,903 | \$9,865 | \$10,366 | \$10,946 | \$11,414 | \$11,907 | \$13,002 |
| 525 | Funds, trusts & other financial vehicles | \$86 | \$122 | \$152 | \$177 | \$161 | \$136 | \$149 | \$158 | \$142 | \$135 |
| 53 | Real estate, rental & leasing | \$34,366 | \$37,225 | \$39,755 | \$42,379 | \$43,610 | \$44,095 | \$46,178 | \$45,841 | \$44,944 | \$45,995 |
| 531 | Real estate | \$31,364 | \$33,902 | \$36,162 | \$38,954 | \$40,274 | \$40,893 | \$43,062 | \$42,499 | \$41,288 | \$42,246 |
| 532-3 | Rental & leasing svcs., leasing intangible assets | \$3,002 | \$3,323 | \$3,593 | \$3,426 | \$3,336 | \$3,201 | \$3,115 | \$3,342 | \$3,656 | \$3,749 |
| 54 | Professional & technical svcs. | \$17,461 | \$18,616 | \$19,181 | \$20,005 | \$20,195 | \$20,789 | \$22,109 | \$23,479 | \$24,655 | \$26,838 |
| 5411 | Legal svcs. | \$3,537 | \$3,669 | \$3,837 | \$4,080 | \$4,200 | \$4,283 | \$4,582 | \$4,734 | \$4,622 | \$4,868 |
| 5415 | Computer systems design & related svcs. | \$2,795 | \$3,263 | \$3,251 | \$3,620 | \$3,778 | \$3,794 | \$3,862 | \$3,999 | \$4,533 | \$5,230 |
| 5412-4, 6-9 | Other professional, scientific & technical svcs. | \$11,129 | \$11,684 | \$12,093 | \$12,305 | \$12,218 | \$12,712 | \$13,664 | \$14,747 | \$15,500 | \$16,740 |
| 55 | Management of companies & enterprises | \$7,413 | \$8,219 | \$8,470 | \$8,217 | \$9,966 | \$11,270 | \$11,371 | \$13,906 | \$14,144 | \$15,084 |
| 56 | Administrative & waste svcs. | \$9,920 | \$10,445 | \$10,094 | \$9,992 | \$10,389 | \$11,313 | \$11,880 | \$12,613 | \$13,070 | \$13,887 |
| 561 | Administrative & support svcs. | \$8,900 | \$9,410 | \$9,056 | \$8,958 | \$9,321 | \$10,068 | \$10,605 | \$11,302 | \$11,851 | \$12,735 |
| 562 | Waste management & remediation svcs. | \$1,020 | \$1,035 | \$1,038 | \$1,034 | \$1,068 | \$1,245 | \$1,275 | \$1,311 | \$1,219 | \$1,152 |
| 61 | Educational svcs. | \$2,138 | \$2,199 | \$2,473 | \$2,562 | \$2,025 | \$2,907 | \$3,139 | \$3,299 | \$3,527 | \$3,687 |
| 62 | Health care & social assistance | \$23,043 | \$24,129 | \$25,678 | \$27,847 | \$29,558 | \$31,438 | \$33,434 | \$35,089 | \$36,782 | \$38,115 |
| 621 | Ambulatory health care svcs. | \$10,915 | \$11,361 | \$12,205 | \$13,296 | \$14,002 | \$14,791 | \$15,467 | \$16,555 | \$17,433 | \$18,237 |
| 622-3 | Hospitals & nursing & residential care facilities | \$10,666 | \$11,156 | \$11,711 | \$12,614 | \$13,479 | \$14,485 | \$15,743 | \$16,118 | \$16,766 | \$17,135 |
| 624 | Social assistance | \$1,462 | \$1,613 | \$1,761 | \$1,937 | \$2,077 | \$2,162 | \$2,225 | \$2,416 | \$2,583 | \$2,743 |
| 71 | Arts, entertainment & recreation | \$2,184 | \$2,501 | \$2,623 | \$2,852 | \$2,978 | \$3,057 | \$3,111 | \$3,174 | \$3,322 | \$3,478 |
| 711-2 | Performing arts, museums & related activities | \$890 | \$1,117 | \$1,164 | \$1,315 | \$1,376 | \$1,414 | \$1,422 | \$1,468 | \$1,577 | \$1,690 |
| 713 | Amusements, gambling & recreation | \$1,294 | \$1,384 | \$1,458 | \$1,537 | \$1,603 | \$1,644 | \$1,689 | \$1,706 | \$1,744 | \$1,788 |
| 72 | Accommodation & food svcs. | \$7,656 | \$7,707 | \$8,169 | \$8,288 | \$8,650 | \$8,989 | \$9,522 | \$9,830 | \$10,098 | \$10,738 |
| 721 | Accommodation | \$1,276 | \$1,315 | \$1,357 | \$1,275 | \$1,328 | \$1,308 | \$1,405 | \$1,443 | \$1,485 | \$1,579 |
| 722 | Food services & drinking places | \$6,380 | \$6,392 | \$6,812 | \$7,012 | \$7,322 | \$7,681 | \$8,117 | \$8,387 | \$8,612 | \$9,159 |
| 81 | Other svcs., except government | \$8,259 | \$8,490 | \$8,914 | \$9,260 | \$9,587 | \$10,015 | \$10,186 | \$10,400 | \$10,470 | \$10,955 |
| 92 | Government | \$36,076 | \$37,201 | \$39,248 | \$40,915 | \$43,250 | \$44,965 | \$46,467 | \$48,132 | \$49,550 | \$51,649 |
| 92a & b | Federal government | \$7,120 | \$7,160 | \$7,699 | \$7,665 | \$8,363 | \$8,976 | \$9,435 | \$9,790 | \$10,045 | \$10,415 |
| 92a | Civilian ^a | \$5,963 | \$5,977 | \$6,457 | \$6,394 | \$6,777 | \$7,039 | \$7,350 | \$7,541 | \$7,849 | \$8,226 |
| 92b | Military | \$1,157 | \$1,183 | \$1,242 | \$1,271 | \$1,586 | \$1,937 | \$2,085 | \$2,249 | \$2,196 | \$2,189 |
| 92c | State & local | \$28,956 | \$30,041 | \$31,549 | \$33,250 | \$34,887 | \$35,989 | \$37,032 | \$38,342 | \$39,506 | \$41,235 |

Notes: * - components may not sum to totals due to rounding; P - preliminary; 1 - leather and allied products included but not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

Abbreviations used: etc. - related services; mfg. - manufacturing; p - part; svcs. - services.

Source: U.S. Bureau Economic Analysis (2009).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 7/09).

Table A4: Percentage Distribution of Ohio's Gross Domestic Product by Industry, 1998-2007 (based on current dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | |
|------------------|---|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r |
| 11-92 | All Industries* | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| 11-81 | Private industries | 89.65% | 89.68% | 89.45% | 89.08% | 88.90% | 88.83% | 89.03% | 89.03% | 88.96% | 88.83% |
| 11 | Agriculture, forestry, fishing & hunting | 0.64% | 0.42% | 0.49% | 0.46% | 0.39% | 0.50% | 0.64% | 0.53% | 0.51% | 0.73% |
| 111-2 | Crop & animal production (farms) | 0.57% | 0.35% | 0.41% | 0.39% | 0.32% | 0.43% | 0.57% | 0.45% | 0.44% | 0.66% |
| 113-5 | Forestry, fishing & related activities | 0.07% | 0.08% | 0.08% | 0.07% | 0.06% | 0.07% | 0.07% | 0.07% | 0.07% | 0.07% |
| 21 | Mining | 0.34% | 0.34% | 0.40% | 0.36% | 0.36% | 0.39% | 0.43% | 0.48% | 0.50% | 0.49% |
| 211 | Oil & gas extraction | 0.08% | 0.09% | 0.13% | 0.12% | 0.15% | 0.17% | 0.20% | 0.23% | 0.24% | 0.22% |
| 212 | Mining, except oil & gas | 0.25% | 0.23% | 0.25% | 0.22% | 0.19% | 0.19% | 0.19% | 0.21% | 0.22% | 0.21% |
| 213 | Support activities for mining | 0.02% | 0.02% | 0.02% | 0.02% | 0.03% | 0.03% | 0.04% | 0.04% | 0.05% | 0.05% |
| 22 | Utilities | 2.20% | 2.11% | 2.01% | 2.22% | 2.10% | 2.01% | 2.02% | 1.88% | 2.12% | 2.11% |
| 23 | Construction | 4.07% | 4.19% | 4.18% | 4.21% | 4.09% | 3.99% | 4.02% | 4.10% | 4.06% | 3.72% |
| 31-33 | Manufacturing | 24.37% | 23.16% | 22.57% | 20.50% | 20.63% | 19.50% | 19.46% | 18.90% | 18.85% | 18.38% |
| 32p & 33 | Durable goods | 17.20% | 16.12% | 16.12% | 13.89% | 13.63% | 12.88% | 12.91% | 12.77% | 12.63% | 12.31% |
| 321 | Wood products | 0.32% | 0.31% | 0.31% | 0.29% | 0.29% | 0.23% | 0.31% | 0.27% | 0.23% | 0.21% |
| 327 | Nonmetallic mineral products | 0.97% | 0.96% | 0.94% | 0.83% | 0.87% | 0.79% | 0.72% | 0.66% | 0.67% | 0.59% |
| 331 | Primary metals | 2.40% | 1.96% | 1.80% | 1.35% | 1.18% | 0.97% | 1.36% | 1.58% | 1.52% | 1.40% |
| 332 | Fabricated metal products | 2.78% | 2.79% | 2.79% | 2.42% | 2.30% | 2.30% | 2.32% | 2.35% | 2.47% | 2.54% |
| 333 | Machinery | 2.22% | 1.89% | 1.77% | 1.65% | 1.45% | 1.42% | 1.47% | 1.58% | 1.51% | 1.46% |
| 334 | Computer & electronic products | 1.00% | 0.89% | 0.82% | 0.59% | 0.41% | 0.37% | 0.40% | 0.48% | 0.46% | 0.51% |
| 335 | Electrical equipment & appliances | 1.01% | 1.13% | 1.19% | 1.13% | 1.12% | 1.29% | 1.05% | 1.03% | 0.99% | 1.02% |
| 336 | Transportation equipment | 5.56% | 5.27% | 5.57% | 4.76% | 5.09% | 4.63% | 4.45% | 3.99% | 3.97% | 3.81% |
| 3361-3 | Motor vehicles, bodies, trailers & parts | 4.74% | 4.39% | 4.51% | 3.72% | 4.17% | 3.81% | 3.55% | 3.04% | 2.94% | 2.73% |
| 3364-9 | Other transportation equipment | 0.82% | 0.88% | 1.06% | 1.04% | 0.93% | 0.82% | 0.90% | 0.95% | 1.04% | 1.09% |
| 337 | Furniture & related products | 0.38% | 0.39% | 0.39% | 0.36% | 0.39% | 0.40% | 0.34% | 0.37% | 0.36% | 0.36% |
| 339 | Miscellaneous mfg. | 0.56% | 0.52% | 0.53% | 0.50% | 0.52% | 0.47% | 0.49% | 0.45% | 0.45% | 0.41% |
| 31 & 32p | Nondurable goods ¹ | 7.17% | 7.04% | 6.46% | 6.61% | 7.00% | 6.62% | 6.55% | 6.13% | 6.22% | 6.06% |
| 311-2 | Food products | 1.84% | 1.85% | 1.68% | 1.94% | 2.03% | 1.76% | 1.68% | 1.46% | 1.47% | 1.55% |
| 313-4 | Textile & textile product mills | 0.11% | 0.12% | 0.12% | 0.11% | 0.10% | 0.10% | 0.09% | 0.09% | 0.08% | 0.07% |
| 315 | Apparel | 0.07% | 0.04% | 0.05% | 0.06% | 0.05% | 0.06% | 0.05% | 0.05% | 0.05% | 0.04% |
| 322 | Paper | 0.62% | 0.61% | 0.58% | 0.55% | 0.57% | 0.50% | 0.49% | 0.46% | 0.52% | 0.44% |
| 323 | Printing & related support activities | 0.67% | 0.65% | 0.61% | 0.59% | 0.60% | 0.61% | 0.59% | 0.58% | 0.56% | 0.52% |
| 324 | Petroleum & coal products | 0.29% | 0.17% | 0.27% | 0.30% | 0.21% | 0.24% | 0.32% | 0.43% | 0.49% | 0.44% |
| 325 | Chemical | 1.99% | 2.03% | 1.69% | 1.74% | 1.99% | 1.99% | 2.03% | 1.79% | 1.91% | 1.90% |
| 326 | Plastics & rubber products | 1.57% | 1.56% | 1.45% | 1.33% | 1.45% | 1.36% | 1.31% | 1.27% | 1.15% | 1.10% |
| 42 | Wholesale trade | 6.31% | 6.36% | 6.11% | 6.17% | 5.97% | 5.94% | 6.06% | 6.12% | 6.35% | 6.38% |
| 44-45 | Retail trade | 7.05% | 7.10% | 7.11% | 7.29% | 7.17% | 7.25% | 6.95% | 6.91% | 6.65% | 6.61% |
| 48-49p | Transportation & warehousing ² | 2.98% | 3.03% | 3.04% | 2.93% | 2.89% | 2.86% | 3.03% | 3.20% | 3.40% | 3.45% |
| 481 | Air transportation | 0.30% | 0.32% | 0.32% | 0.23% | 0.24% | 0.24% | 0.24% | 0.25% | 0.29% | 0.30% |
| 482 | Rail transportation | 0.31% | 0.30% | 0.27% | 0.27% | 0.27% | 0.28% | 0.31% | 0.35% | 0.39% | 0.39% |
| 483 | Water transportation | 0.06% | 0.05% | 0.06% | 0.05% | 0.05% | 0.05% | 0.03% | 0.03% | 0.03% | 0.02% |
| 484 | Truck transportation | 1.25% | 1.25% | 1.24% | 1.23% | 1.24% | 1.21% | 1.31% | 1.35% | 1.34% | 1.37% |
| 485 | Transit & ground passenger transportation | 0.06% | 0.06% | 0.06% | 0.06% | 0.06% | 0.06% | 0.07% | 0.06% | 0.06% | 0.07% |
| 486 | Pipeline transportation | 0.03% | 0.04% | 0.03% | 0.03% | 0.04% | 0.04% | 0.03% | 0.03% | 0.04% | 0.04% |
| 487-8, 492 | Other transportation & support activities | 0.70% | 0.73% | 0.78% | 0.78% | 0.71% | 0.67% | 0.70% | 0.73% | 0.81% | 0.79% |
| 493 | Warehousing & storage | 0.27% | 0.28% | 0.28% | 0.27% | 0.28% | 0.30% | 0.34% | 0.40% | 0.44% | 0.47% |
| 51 | Information | 2.79% | 2.94% | 2.74% | 2.84% | 2.78% | 2.75% | 2.77% | 2.76% | 2.59% | 2.58% |
| 511 | Publishing including software | 0.82% | 0.91% | 0.78% | 0.84% | 0.88% | 0.93% | 0.96% | 1.00% | 0.87% | 0.84% |
| 512 | Motion picture & sound recording industries | 0.05% | 0.06% | 0.06% | 0.06% | 0.06% | 0.05% | 0.05% | 0.05% | 0.05% | 0.04% |
| 513 | Broadcasting & telecommunications | 1.69% | 1.70% | 1.69% | 1.68% | 1.58% | 1.50% | 1.50% | 1.46% | 1.42% | 1.50% |
| 514 | Information & data processing svcs. | 0.23% | 0.26% | 0.20% | 0.27% | 0.27% | 0.27% | 0.26% | 0.25% | 0.25% | 0.20% |

Table A4: Percentage Distribution of Ohio's Gross Domestic Product by Industry, 1998-2007 (based on current dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | |
|------------------|---|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r |
| 52 | Finance & insurance | 6.66% | 6.89% | 7.10% | 7.03% | 7.22% | 7.89% | 8.03% | 8.24% | 8.08% | 7.90% |
| 521-2 | Federal Reserve, credit intermediation, etc. | 3.20% | 3.51% | 3.41% | 3.68% | 4.06% | 4.74% | 4.89% | 5.05% | 4.81% | 4.45% |
| 523 | Securities, commodity contracts, investments | 0.62% | 0.66% | 0.72% | 0.66% | 0.58% | 0.53% | 0.53% | 0.56% | 0.58% | 0.61% |
| 524 | Insurance carriers & related activities | 2.81% | 2.69% | 2.92% | 2.64% | 2.53% | 2.58% | 2.58% | 2.60% | 2.65% | 2.81% |
| 525 | Funds, trusts & other financial vehicles | 0.02% | 0.03% | 0.04% | 0.05% | 0.04% | 0.03% | 0.04% | 0.04% | 0.03% | 0.03% |
| 53 | Real estate, rental & leasing | 9.85% | 10.32% | 10.69% | 11.31% | 11.19% | 10.96% | 10.90% | 10.45% | 10.01% | 9.94% |
| 531 | Real estate | 8.99% | 9.40% | 9.72% | 10.40% | 10.33% | 10.16% | 10.16% | 9.68% | 9.20% | 9.13% |
| 532-3 | Rental & leasing svcs., leasing intangible assets | 0.86% | 0.92% | 0.97% | 0.91% | 0.86% | 0.80% | 0.74% | 0.76% | 0.81% | 0.81% |
| 54 | Professional & technical svcs. | 5.01% | 5.16% | 5.16% | 5.34% | 5.18% | 5.17% | 5.22% | 5.35% | 5.49% | 5.80% |
| 5411 | Legal svcs. | 1.01% | 1.02% | 1.03% | 1.09% | 1.08% | 1.06% | 1.08% | 1.08% | 1.03% | 1.05% |
| 5415 | Computer systems design & related svcs. | 0.80% | 0.90% | 0.87% | 0.97% | 0.97% | 0.94% | 0.91% | 0.91% | 1.01% | 1.13% |
| 5412-4, 6-9 | Other professional, scientific & technical svcs. | 3.19% | 3.24% | 3.25% | 3.28% | 3.13% | 3.16% | 3.22% | 3.36% | 3.45% | 3.62% |
| 55 | Management of companies & enterprises | 2.13% | 2.28% | 2.28% | 2.19% | 2.56% | 2.80% | 2.68% | 3.17% | 3.15% | 3.26% |
| 56 | Administrative & waste svcs. | 2.84% | 2.90% | 2.71% | 2.67% | 2.67% | 2.81% | 2.80% | 2.87% | 2.91% | 3.00% |
| 561 | Administrative & support svcs. | 2.55% | 2.61% | 2.43% | 2.39% | 2.39% | 2.50% | 2.50% | 2.58% | 2.64% | 2.75% |
| 562 | Waste management & remediation svcs. | 0.29% | 0.29% | 0.28% | 0.28% | 0.27% | 0.31% | 0.30% | 0.30% | 0.27% | 0.25% |
| 61 | Educational svcs. | 0.61% | 0.61% | 0.66% | 0.68% | 0.70% | 0.72% | 0.74% | 0.75% | 0.79% | 0.80% |
| 62 | Health care & social assistance | 6.61% | 6.69% | 6.90% | 7.43% | 7.58% | 7.81% | 7.89% | 8.00% | 8.19% | 8.24% |
| 621 | Ambulatory health care svcs. | 3.13% | 3.15% | 3.28% | 3.55% | 3.59% | 3.68% | 3.65% | 3.77% | 3.88% | 3.94% |
| 622-3 | Hospitals & nursing & residential care facilities | 3.06% | 3.09% | 3.15% | 3.37% | 3.46% | 3.60% | 3.72% | 3.67% | 3.73% | 3.70% |
| 624 | Social assistance | 0.42% | 0.45% | 0.47% | 0.52% | 0.53% | 0.54% | 0.53% | 0.55% | 0.58% | 0.59% |
| 71 | Arts, entertainment & recreation | 0.63% | 0.69% | 0.71% | 0.76% | 0.76% | 0.76% | 0.73% | 0.72% | 0.74% | 0.75% |
| 711-2 | Performing arts, museums & related activities | 0.26% | 0.31% | 0.31% | 0.35% | 0.35% | 0.35% | 0.34% | 0.33% | 0.35% | 0.37% |
| 713 | Amusements, gambling & recreation | 0.37% | 0.38% | 0.39% | 0.41% | 0.41% | 0.41% | 0.40% | 0.39% | 0.39% | 0.39% |
| 72 | Accommodation & food svcs. | 2.20% | 2.14% | 2.20% | 2.21% | 2.22% | 2.23% | 2.25% | 2.24% | 2.25% | 2.32% |
| 721 | Accommodation | 0.37% | 0.36% | 0.36% | 0.34% | 0.34% | 0.33% | 0.33% | 0.33% | 0.33% | 0.34% |
| 722 | Food services & drinking places | 1.83% | 1.77% | 1.83% | 1.87% | 1.88% | 1.91% | 1.92% | 1.91% | 1.92% | 1.98% |
| 81 | Other svcs., except government | 2.37% | 2.35% | 2.40% | 2.47% | 2.46% | 2.49% | 2.40% | 2.37% | 2.33% | 2.37% |
| 92 | Government | 10.35% | 10.32% | 10.55% | 10.92% | 11.10% | 11.17% | 10.97% | 10.97% | 11.04% | 11.17% |
| 92a & b | Federal government | 2.04% | 1.99% | 2.07% | 2.05% | 2.15% | 2.23% | 2.23% | 2.23% | 2.24% | 2.25% |
| 92a | Civilian ¹ | 1.71% | 1.66% | 1.74% | 1.71% | 1.74% | 1.75% | 1.73% | 1.72% | 1.75% | 1.78% |
| 92b | Military | 0.33% | 0.33% | 0.33% | 0.34% | 0.41% | 0.48% | 0.49% | 0.51% | 0.49% | 0.47% |
| 92c | State & local | 8.30% | 8.33% | 8.48% | 8.87% | 8.95% | 8.94% | 8.74% | 8.74% | 8.80% | 8.92% |

Notes: * - components may not sum to totals due to rounding; P - preliminary; 1 - leather and allied products included but not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

Abbreviations used: etc. - related services; mfg. - manufacturing; p - part; svcs. - services.

Source: U.S. Bureau Economic Analysis (2009).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 7/09).

Table A5: Ohio's Gross Domestic Product by Industry, 1998-2007 (in millions of chained 2000 dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | | Percent Change 1998-2007 |
|---------------------|---|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|--------------------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r | |
| 11-92 | All Industries* | \$362,724 | \$368,482 | \$372,006 | \$365,735 | \$373,457 | \$378,719 | \$387,436 | \$390,602 | \$387,345 | \$388,281 | 7.0% |
| 11-81 | Private industries | \$324,141 | \$329,933 | \$332,758 | \$326,274 | \$333,559 | \$339,195 | \$348,559 | \$352,173 | \$349,453 | \$350,417 | 8.1% |
| 11 | Agriculture, forestry, fishing & hunting | \$1,789 | \$1,410 | \$1,815 | \$1,601 | \$1,517 | \$1,778 | \$2,036 | \$2,045 | \$2,121 | \$2,359 | 31.9% |
| 111-2 | Crop & animal production (farms) | \$1,551 | \$1,144 | \$1,509 | \$1,318 | \$1,248 | \$1,481 | \$1,719 | \$1,719 | \$1,795 | \$2,029 | 30.8% |
| 113-5 | Forestry, fishing & related activities | \$224 | \$266 | \$306 | \$284 | \$270 | \$295 | \$307 | \$319 | \$316 | \$313 | 39.7% |
| 21 | Mining | \$1,456 | \$1,491 | \$1,486 | \$1,305 | \$1,365 | \$1,249 | \$1,230 | \$1,103 | \$1,082 | \$1,009 | -30.7% |
| 211 | Oil & gas extraction | \$682 | \$649 | \$483 | \$479 | \$744 | \$579 | \$550 | \$476 | \$476 | \$432 | -36.7% |
| 212 | Mining, except oil & gas | \$775 | \$819 | \$930 | \$776 | \$652 | \$666 | \$653 | \$616 | \$578 | \$535 | -31.0% |
| 213 | Support activities for mining | \$71 | \$69 | \$73 | \$55 | \$41 | \$46 | \$56 | \$47 | \$51 | \$56 | -21.1% |
| 22 | Utilities | \$7,256 | \$7,365 | \$7,481 | \$7,405 | \$7,397 | \$7,383 | \$7,561 | \$6,891 | \$7,036 | \$7,086 | -2.3% |
| 23 | Construction | \$16,043 | \$16,120 | \$15,553 | \$14,683 | \$14,159 | \$13,551 | \$13,280 | \$12,435 | \$11,335 | \$10,034 | -37.5% |
| 31-33 | Manufacturing | \$84,744 | \$83,144 | \$83,968 | \$75,961 | \$80,612 | \$79,307 | \$83,240 | \$82,066 | \$82,827 | \$82,939 | -2.1% |
| 32p & 33 | Durable goods | \$58,823 | \$57,262 | \$59,949 | \$52,391 | \$54,417 | \$54,104 | \$56,918 | \$58,215 | \$59,239 | \$59,618 | 1.4% |
| 321 | Wood products | \$1,129 | \$1,058 | \$1,170 | \$1,085 | \$1,143 | \$861 | \$1,064 | \$993 | \$909 | \$909 | -12.1% |
| 327 | Nonmetallic mineral products | \$3,543 | \$3,474 | \$3,486 | \$3,137 | \$3,359 | \$3,194 | \$2,987 | \$2,655 | \$2,461 | \$2,223 | -37.3% |
| 331 | Primary metals | \$7,769 | \$7,181 | \$6,679 | \$5,327 | \$4,823 | \$4,324 | \$5,170 | \$5,422 | \$4,525 | \$4,267 | -45.1% |
| 332 | Fabricated metal products | \$9,838 | \$9,935 | \$10,390 | \$8,864 | \$8,721 | \$9,095 | \$9,415 | \$9,420 | \$10,110 | \$10,335 | 5.1% |
| 333 | Machinery | \$7,920 | \$6,771 | \$6,566 | \$6,030 | \$5,454 | \$5,567 | \$6,239 | \$6,813 | \$6,638 | \$6,513 | -17.8% |
| 334 | Computer & electronic products | \$2,030 | \$2,466 | \$3,048 | \$2,953 | \$2,418 | \$2,542 | \$3,368 | \$4,841 | \$5,483 | \$7,288 | 259.0% |
| 335 | Electrical equipment & appliances | \$3,504 | \$4,063 | \$4,441 | \$4,173 | \$4,377 | \$5,350 | \$4,551 | \$4,519 | \$4,153 | \$4,183 | 19.4% |
| 336 | Transportation equipment | \$20,057 | \$19,059 | \$20,735 | \$17,722 | \$20,753 | \$19,871 | \$20,945 | \$20,954 | \$23,684 | \$23,932 | 19.3% |
| 3361-3 | Motor vehicles, bodies, trailers & parts | \$16,977 | \$15,720 | \$16,786 | \$14,056 | \$17,413 | \$16,930 | \$17,634 | \$17,467 | \$19,888 | \$19,873 | 17.1% |
| 3364-9 | Other transportation equipment | \$3,080 | \$3,339 | \$3,949 | \$3,666 | \$3,340 | \$2,941 | \$3,311 | \$3,487 | \$3,796 | \$4,059 | 31.8% |
| 337 | Furniture & related products | \$1,377 | \$1,446 | \$1,446 | \$1,315 | \$1,420 | \$1,528 | \$1,414 | \$1,549 | \$1,480 | \$1,482 | 7.6% |
| 339 | Miscellaneous mfg. | \$1,958 | \$1,872 | \$1,988 | \$1,793 | \$1,911 | \$1,767 | \$1,980 | \$1,906 | \$1,972 | \$1,830 | -6.5% |
| 31 & 32p | Nondurable goods ¹ | \$25,940 | \$25,923 | \$24,019 | \$23,516 | \$26,064 | \$25,122 | \$26,249 | \$24,024 | \$23,838 | \$23,628 | -8.9% |
| 311-2 | Food products | \$7,150 | \$6,744 | \$6,250 | \$6,780 | \$7,033 | \$6,401 | \$6,594 | \$5,880 | \$6,294 | \$6,816 | -4.7% |
| 313-4 | Textile & textile product mills | \$385 | \$421 | \$457 | \$402 | \$377 | \$410 | \$373 | \$379 | \$349 | \$341 | -11.4% |
| 315 | Apparel | \$254 | \$144 | \$171 | \$216 | \$210 | \$237 | \$229 | \$250 | \$228 | \$204 | -19.7% |
| 322 | Paper | \$2,503 | \$2,484 | \$2,164 | \$2,044 | \$2,226 | \$2,097 | \$2,210 | \$2,156 | \$2,355 | \$2,068 | -17.4% |
| 323 | Printing & related support activities | \$2,397 | \$2,367 | \$2,278 | \$2,128 | \$2,238 | \$2,354 | \$2,432 | \$2,483 | \$2,435 | \$2,346 | -2.1% |
| 324 | Petroleum & coal products | \$1,198 | \$915 | \$1,023 | \$793 | \$1,020 | \$763 | \$937 | \$797 | \$783 | \$630 | -47.4% |
| 325 | Chemical | \$6,784 | \$7,322 | \$6,290 | \$6,345 | \$7,591 | \$7,577 | \$7,889 | \$6,711 | \$6,945 | \$6,959 | 2.6% |
| 326 | Plastics & rubber products | \$5,356 | \$5,508 | \$5,387 | \$4,833 | \$5,421 | \$5,362 | \$5,629 | \$5,545 | \$4,609 | \$4,657 | -13.1% |
| 42 | Wholesale trade | \$22,892 | \$23,574 | \$22,740 | \$24,097 | \$24,160 | \$24,491 | \$24,921 | \$25,569 | \$25,507 | \$25,557 | 11.6% |
| 44-45 | Retail trade | \$24,598 | \$25,535 | \$26,448 | \$27,971 | \$28,120 | \$29,220 | \$29,264 | \$30,909 | \$30,590 | \$31,790 | 29.2% |
| 48-49p | Transportation & warehousing ² | \$10,688 | \$11,038 | \$11,325 | \$10,657 | \$10,778 | \$10,811 | \$11,904 | \$12,678 | \$13,259 | \$13,485 | 26.2% |
| 481 | Air transportation | \$980 | \$1,112 | \$1,200 | \$990 | \$1,230 | \$1,268 | \$1,579 | \$1,836 | \$2,122 | \$2,276 | 132.2% |
| 482 | Rail transportation | \$1,074 | \$1,072 | \$1,003 | \$976 | \$987 | \$1,014 | \$1,151 | \$1,241 | \$1,290 | \$1,282 | 19.4% |
| 483 | Water transportation | \$234 | \$197 | \$229 | \$190 | \$145 | \$119 | \$93 | \$89 | \$90 | \$79 | -66.2% |
| 484 | Truck transportation | \$4,598 | \$4,611 | \$4,596 | \$4,331 | \$4,409 | \$4,413 | \$4,846 | \$5,052 | \$5,021 | \$5,235 | 13.9% |
| 485 | Transit & ground passenger transportation | \$218 | \$220 | \$229 | \$222 | \$236 | \$227 | \$248 | \$238 | \$231 | \$241 | 10.6% |
| 486 | Pipeline transportation | \$84 | \$128 | \$116 | \$108 | \$131 | \$149 | \$145 | \$181 | \$168 | \$164 | 95.2% |
| 487-8, 492 | Other transportation & support activities | \$2,552 | \$2,695 | \$2,897 | \$2,837 | \$2,645 | \$2,514 | \$2,695 | \$2,690 | \$2,939 | \$2,760 | 8.2% |
| 493 | Warehousing & storage | \$969 | \$1,002 | \$1,056 | \$992 | \$1,033 | \$1,164 | \$1,291 | \$1,594 | \$1,750 | \$1,887 | 94.7% |
| 51 | Information | \$9,556 | \$10,517 | \$10,190 | \$10,671 | \$10,966 | \$11,385 | \$12,503 | \$13,395 | \$13,105 | \$13,770 | 44.1% |
| 511 | Publishing including software | \$2,998 | \$3,343 | \$2,919 | \$3,072 | \$3,336 | \$3,732 | \$4,254 | \$4,583 | \$4,062 | \$4,019 | 34.1% |
| 512 | Motion picture & sound recording industries | \$186 | \$238 | \$237 | \$215 | \$200 | \$199 | \$188 | \$174 | \$170 | \$173 | -7.0% |
| 513 | Broadcasting & telecommunications | \$5,583 | \$6,011 | \$6,273 | \$6,410 | \$6,440 | \$6,391 | \$6,958 | \$7,489 | \$7,708 | \$8,350 | 49.6% |
| 514 | Information & data processing svcs. | \$787 | \$932 | \$760 | \$970 | \$979 | \$1,032 | \$1,073 | \$1,126 | \$1,190 | \$1,296 | 64.7% |

Table A5: Ohio's Gross Domestic Product by Industry, 1998-2007 (in millions of chained 2000 dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | | Percent Change 1998-2007 |
|---------------------|---|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-------------------|--------------------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r | |
| 52 | Finance & insurance | \$24,028 | \$25,482 | \$26,395 | \$25,750 | \$26,519 | \$29,043 | \$29,913 | \$31,261 | \$30,740 | \$30,224 | 25.8% |
| 521-2 | Federal Reserve, credit intermediation, etc. | \$12,281 | \$13,504 | \$12,701 | \$13,244 | \$14,460 | \$17,095 | \$18,078 | \$19,128 | \$18,054 | \$16,820 | 37.0% |
| 523 | Securities, commodity contracts, investments | \$1,496 | \$1,920 | \$2,685 | \$2,714 | \$2,587 | \$2,628 | \$2,682 | \$2,983 | \$3,320 | \$3,485 | 133.0% |
| 524 | Insurance carriers & related activities | \$10,290 | \$10,005 | \$10,857 | \$9,670 | \$9,338 | \$9,124 | \$8,960 | \$9,025 | \$9,325 | \$9,924 | -3.6% |
| 525 | Funds, trusts & other financial vehicles | \$187 | \$165 | \$152 | \$124 | \$99 | \$102 | \$107 | \$114 | \$117 | \$94 | -49.7% |
| 53 | Real estate, rental & leasing | \$36,512 | \$38,503 | \$39,755 | \$40,917 | \$40,785 | \$40,075 | \$40,997 | \$39,707 | \$37,857 | \$37,818 | 3.6% |
| 531 | Real estate | \$33,337 | \$35,015 | \$36,162 | \$37,488 | \$37,407 | \$36,970 | \$38,051 | \$36,703 | \$34,655 | \$34,608 | 3.8% |
| 532-3 | Rental & leasing svcs., leasing intangible assets | \$3,175 | \$3,488 | \$3,593 | \$3,424 | \$3,370 | \$3,081 | \$2,907 | \$2,974 | \$3,185 | \$3,193 | 0.6% |
| 54 | Professional & technical svcs. | \$18,083 | \$18,908 | \$19,181 | \$19,439 | \$19,154 | \$19,723 | \$20,936 | \$21,659 | \$22,226 | \$23,940 | 32.4% |
| 5411 | Legal svcs. | \$3,793 | \$3,821 | \$3,837 | \$3,859 | \$3,820 | \$3,752 | \$3,785 | \$3,688 | \$3,397 | \$3,323 | -12.4% |
| 5415 | Computer systems design & related svcs. | \$3,002 | \$3,403 | \$3,251 | \$3,569 | \$3,786 | \$3,883 | \$4,056 | \$4,211 | \$4,698 | \$5,378 | 79.1% |
| 5412-4, 6-9 | Other professional, scientific & technical svcs. | \$11,287 | \$11,689 | \$12,093 | \$12,013 | \$11,558 | \$12,109 | \$13,137 | \$13,847 | \$14,351 | \$15,613 | 38.3% |
| 55 | Management of companies & enterprises | \$8,701 | \$8,948 | \$8,470 | \$8,323 | \$10,049 | \$10,983 | \$9,812 | \$10,948 | \$10,501 | \$9,972 | 14.6% |
| 56 | Administrative & waste svcs. | \$10,959 | \$11,060 | \$10,094 | \$9,476 | \$9,618 | \$10,432 | \$10,571 | \$10,990 | \$10,898 | \$11,072 | 1.0% |
| 561 | Administrative & support svcs. | \$9,935 | \$10,033 | \$9,056 | \$8,488 | \$8,638 | \$9,314 | \$9,513 | \$9,845 | \$9,871 | \$10,139 | 2.1% |
| 562 | Waste management & remediation svcs. | \$1,027 | \$1,031 | \$1,038 | \$988 | \$980 | \$1,117 | \$1,061 | \$1,147 | \$1,028 | \$932 | -9.3% |
| 61 | Educational svcs. | \$2,391 | \$2,331 | \$2,473 | \$2,382 | \$2,372 | \$2,441 | \$2,485 | \$2,482 | \$2,534 | \$2,556 | 6.9% |
| 62 | Health care & social assistance | \$24,779 | \$25,073 | \$25,678 | \$26,377 | \$27,006 | \$27,962 | \$28,773 | \$29,374 | \$30,074 | \$30,006 | 21.1% |
| 621 | Ambulatory health care svcs. | \$11,441 | \$11,623 | \$12,205 | \$12,798 | \$13,280 | \$13,769 | \$14,078 | \$14,796 | \$15,430 | \$15,505 | 35.5% |
| 622-3 | Hospitals & nursing & residential care facilities | \$11,733 | \$11,752 | \$11,711 | \$11,721 | \$11,777 | \$12,172 | \$12,607 | \$12,391 | \$12,395 | \$12,172 | 3.7% |
| 624 | Social assistance | \$1,611 | \$1,703 | \$1,761 | \$1,864 | \$1,969 | \$2,042 | \$2,100 | \$2,277 | \$2,397 | \$2,524 | 56.7% |
| 71 | Arts, entertainment & recreation | \$2,405 | \$2,623 | \$2,623 | \$2,727 | \$2,754 | \$2,752 | \$2,719 | \$2,692 | \$2,730 | \$2,759 | 14.7% |
| 711-2 | Performing arts, museums & related activities | \$1,012 | \$1,188 | \$1,164 | \$1,251 | \$1,264 | \$1,253 | \$1,211 | \$1,196 | \$1,241 | \$1,266 | 25.1% |
| 713 | Amusements, gambling & recreation | \$1,390 | \$1,435 | \$1,458 | \$1,475 | \$1,490 | \$1,500 | \$1,509 | \$1,497 | \$1,488 | \$1,491 | 7.3% |
| 72 | Accommodation & food svcs. | \$8,072 | \$7,928 | \$8,169 | \$7,961 | \$7,929 | \$8,169 | \$8,418 | \$8,417 | \$8,311 | \$8,502 | 5.3% |
| 721 | Accommodation | \$1,369 | \$1,358 | \$1,357 | \$1,244 | \$1,292 | \$1,256 | \$1,280 | \$1,246 | \$1,236 | \$1,245 | -9.1% |
| 722 | Food services & drinking places | \$6,702 | \$6,570 | \$6,812 | \$6,716 | \$6,639 | \$6,909 | \$7,134 | \$7,166 | \$7,070 | \$7,252 | 8.2% |
| 81 | Other svcs., except government | \$9,129 | \$8,952 | \$8,914 | \$8,641 | \$8,583 | \$8,703 | \$8,586 | \$8,518 | \$8,201 | \$8,171 | -10.5% |
| 92 | Government | \$38,596 | \$38,547 | \$39,248 | \$39,456 | \$39,903 | \$39,582 | \$39,062 | \$38,692 | \$38,177 | \$38,164 | -1.1% |
| 92a & b | Federal government | \$7,748 | \$7,489 | \$7,699 | \$7,458 | \$7,614 | \$7,697 | \$7,553 | \$7,463 | \$7,329 | \$7,297 | -5.8% |
| 92a | Civilian ^a | \$6,505 | \$6,260 | \$6,457 | \$6,237 | \$6,209 | \$6,116 | \$5,955 | \$5,871 | \$5,878 | \$5,928 | -8.9% |
| 92b | Military | \$1,243 | \$1,229 | \$1,242 | \$1,221 | \$1,405 | \$1,581 | \$1,598 | \$1,592 | \$1,451 | \$1,369 | 10.1% |
| 92c | State & local | \$30,851 | \$31,058 | \$31,549 | \$31,997 | \$32,283 | \$31,868 | \$31,491 | \$31,211 | \$30,847 | \$30,879 | 0.1% |

Notes: * - components may not sum to totals due to rounding and/or different inflators and deflators used for different industries; P - preliminary; 1 - leather and allied products included by not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

Abbreviations used: etc. - related services; mfg. - manufacturing; p - part; svcs. - services.

Source: U.S. Bureau Economic Analysis (2009).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 7/09).

Table A6: Percentage Distribution of Ohio's Gross Domestic Product by Industry, 1998-2007 (based on chained 2000 dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | | Difference 1998-2007 | |
|---------------------|---|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|-------------------------|--------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r | | |
| 11-92 | All Industries* | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 0.00% |
| 11-81 | Private industries | 89.36% | 89.54% | 89.45% | 89.21% | 89.32% | 89.56% | 89.97% | 90.16% | 90.22% | 90.25% | 90.25% | 0.89% |
| 11 | Agriculture, forestry, fishing & hunting | 0.49% | 0.38% | 0.49% | 0.44% | 0.41% | 0.47% | 0.53% | 0.52% | 0.55% | 0.61% | 0.61% | 0.11% |
| 111-2 | Crop & animal production (farms) | 0.43% | 0.31% | 0.41% | 0.36% | 0.33% | 0.39% | 0.44% | 0.44% | 0.46% | 0.52% | 0.52% | 0.09% |
| 113-5 | Forestry, fishing & related activities | 0.06% | 0.07% | 0.08% | 0.08% | 0.07% | 0.08% | 0.08% | 0.08% | 0.08% | 0.08% | 0.08% | 0.02% |
| 21 | Mining | 0.40% | 0.40% | 0.40% | 0.36% | 0.37% | 0.33% | 0.32% | 0.28% | 0.28% | 0.26% | 0.26% | -0.14% |
| 211 | Oil & gas extraction | 0.19% | 0.18% | 0.13% | 0.13% | 0.20% | 0.15% | 0.14% | 0.12% | 0.12% | 0.11% | 0.11% | -0.08% |
| 212 | Mining, except oil & gas | 0.21% | 0.22% | 0.25% | 0.21% | 0.17% | 0.18% | 0.17% | 0.16% | 0.15% | 0.14% | 0.14% | -0.08% |
| 213 | Support activities for mining | 0.02% | 0.02% | 0.02% | 0.02% | 0.01% | 0.01% | 0.01% | 0.01% | 0.01% | 0.01% | 0.01% | -0.01% |
| 22 | Utilities | 2.00% | 2.00% | 2.01% | 2.02% | 1.98% | 1.95% | 1.95% | 1.76% | 1.82% | 1.82% | 1.82% | -0.18% |
| 23 | Construction | 4.42% | 4.37% | 4.18% | 4.01% | 3.79% | 3.58% | 3.43% | 3.18% | 2.93% | 2.58% | 2.58% | -1.84% |
| 31-33 | Manufacturing | 23.36% | 22.56% | 22.57% | 20.77% | 21.59% | 20.94% | 21.48% | 21.01% | 21.38% | 21.36% | 21.36% | -2.00% |
| 32p & 33 | Durable goods | 16.22% | 15.54% | 16.12% | 14.32% | 14.57% | 14.29% | 14.69% | 14.90% | 15.29% | 15.35% | 15.35% | -0.86% |
| 321 | Wood products | 0.31% | 0.29% | 0.31% | 0.30% | 0.31% | 0.23% | 0.27% | 0.25% | 0.23% | 0.26% | 0.26% | -0.06% |
| 327 | Nonmetallic mineral products | 0.98% | 0.94% | 0.94% | 0.86% | 0.90% | 0.84% | 0.77% | 0.68% | 0.64% | 0.57% | 0.57% | -0.40% |
| 331 | Primary metals | 2.14% | 1.95% | 1.80% | 1.46% | 1.29% | 1.14% | 1.33% | 1.39% | 1.17% | 1.10% | 1.10% | -1.04% |
| 332 | Fabricated metal products | 2.71% | 2.70% | 2.79% | 2.42% | 2.34% | 2.40% | 2.43% | 2.41% | 2.61% | 2.66% | 2.66% | -0.05% |
| 333 | Machinery | 2.18% | 1.84% | 1.77% | 1.65% | 1.46% | 1.47% | 1.61% | 1.74% | 1.71% | 1.68% | 1.68% | -0.51% |
| 334 | Computer & electronic products | 0.56% | 0.67% | 0.82% | 0.81% | 0.65% | 0.67% | 0.87% | 1.24% | 1.42% | 1.88% | 1.88% | 1.32% |
| 335 | Electrical equipment & appliances | 0.97% | 1.10% | 1.19% | 1.14% | 1.17% | 1.41% | 1.17% | 1.16% | 1.07% | 1.08% | 1.08% | 0.11% |
| 336 | Transportation equipment | 5.53% | 5.17% | 5.57% | 4.85% | 5.56% | 5.25% | 5.41% | 5.36% | 6.11% | 6.16% | 6.16% | 0.63% |
| 3361-3 | Motor vehicles, bodies, trailers & parts | 4.68% | 4.27% | 4.51% | 3.84% | 4.66% | 4.47% | 4.55% | 4.47% | 5.13% | 5.12% | 5.12% | 0.44% |
| 3364-9 | Other transportation equipment | 0.85% | 0.91% | 1.06% | 1.00% | 0.89% | 0.78% | 0.85% | 0.89% | 0.98% | 1.05% | 1.05% | 0.20% |
| 337 | Furniture & related products | 0.38% | 0.39% | 0.39% | 0.36% | 0.38% | 0.40% | 0.36% | 0.40% | 0.38% | 0.38% | 0.38% | 0.00% |
| 339 | Miscellaneous mfg. | 0.54% | 0.51% | 0.53% | 0.49% | 0.51% | 0.47% | 0.51% | 0.49% | 0.51% | 0.47% | 0.47% | -0.07% |
| 31 & 32p | Nondurable goods ¹ | 7.15% | 7.04% | 6.46% | 6.43% | 6.98% | 6.63% | 6.78% | 6.15% | 6.15% | 6.09% | 6.09% | -1.07% |
| 311-2 | Food products | 1.97% | 1.83% | 1.68% | 1.85% | 1.88% | 1.69% | 1.70% | 1.51% | 1.62% | 1.76% | 1.76% | -0.22% |
| 313-4 | Textile & textile product mills | 0.11% | 0.11% | 0.12% | 0.11% | 0.10% | 0.11% | 0.10% | 0.10% | 0.09% | 0.09% | 0.09% | -0.02% |
| 315 | Apparel | 0.07% | 0.04% | 0.05% | 0.06% | 0.06% | 0.06% | 0.06% | 0.06% | 0.06% | 0.05% | 0.05% | -0.02% |
| 322 | Paper | 0.69% | 0.67% | 0.58% | 0.56% | 0.60% | 0.55% | 0.57% | 0.55% | 0.61% | 0.53% | 0.53% | -0.16% |
| 323 | Printing & related support activities | 0.66% | 0.64% | 0.61% | 0.58% | 0.60% | 0.62% | 0.63% | 0.64% | 0.63% | 0.60% | 0.60% | -0.06% |
| 324 | Petroleum & coal products | 0.33% | 0.25% | 0.27% | 0.22% | 0.27% | 0.20% | 0.24% | 0.20% | 0.20% | 0.16% | 0.16% | -0.17% |
| 325 | Chemical | 1.87% | 1.99% | 1.69% | 1.73% | 2.03% | 2.00% | 2.04% | 1.72% | 1.79% | 1.79% | 1.79% | -0.08% |
| 326 | Plastics & rubber products | 1.48% | 1.49% | 1.45% | 1.32% | 1.45% | 1.42% | 1.45% | 1.42% | 1.19% | 1.20% | 1.20% | -0.28% |
| 42 | Wholesale trade | 6.31% | 6.40% | 6.11% | 6.59% | 6.47% | 6.47% | 6.43% | 6.55% | 6.59% | 6.58% | 6.58% | 0.27% |
| 44-45 | Retail trade | 6.78% | 6.93% | 7.11% | 7.65% | 7.53% | 7.72% | 7.55% | 7.91% | 7.90% | 8.19% | 8.19% | 1.41% |
| 48-49p | Transportation & warehousing ² | 2.95% | 3.00% | 3.04% | 2.91% | 2.89% | 2.85% | 3.07% | 3.25% | 3.42% | 3.47% | 3.47% | 0.53% |
| 481 | Air transportation | 0.27% | 0.30% | 0.32% | 0.27% | 0.33% | 0.33% | 0.41% | 0.47% | 0.55% | 0.59% | 0.59% | 0.32% |
| 482 | Rail transportation | 0.30% | 0.29% | 0.27% | 0.27% | 0.26% | 0.27% | 0.30% | 0.32% | 0.33% | 0.33% | 0.33% | 0.03% |
| 483 | Water transportation | 0.06% | 0.05% | 0.06% | 0.05% | 0.04% | 0.03% | 0.02% | 0.02% | 0.02% | 0.02% | 0.02% | -0.04% |
| 484 | Truck transportation | 1.27% | 1.25% | 1.24% | 1.18% | 1.18% | 1.17% | 1.25% | 1.29% | 1.30% | 1.35% | 1.35% | 0.08% |
| 485 | Transit & ground passenger transportation | 0.06% | 0.06% | 0.06% | 0.06% | 0.06% | 0.06% | 0.06% | 0.06% | 0.06% | 0.06% | 0.06% | 0.00% |
| 486 | Pipeline transportation | 0.02% | 0.03% | 0.03% | 0.03% | 0.04% | 0.04% | 0.04% | 0.05% | 0.04% | 0.04% | 0.04% | 0.02% |
| 487-8, 492 | Other transportation & support activities | 0.70% | 0.73% | 0.78% | 0.78% | 0.71% | 0.66% | 0.70% | 0.69% | 0.76% | 0.71% | 0.71% | 0.01% |
| 493 | Warehousing & storage | 0.27% | 0.27% | 0.28% | 0.27% | 0.28% | 0.31% | 0.33% | 0.41% | 0.45% | 0.49% | 0.49% | 0.22% |
| 51 | Information | 2.63% | 2.85% | 2.74% | 2.92% | 2.94% | 3.01% | 3.23% | 3.43% | 3.38% | 3.55% | 3.55% | 0.91% |
| 511 | Publishing including software | 0.83% | 0.91% | 0.78% | 0.84% | 0.89% | 0.99% | 1.10% | 1.17% | 1.05% | 1.04% | 1.04% | 0.21% |
| 512 | Motion picture & sound recording industries | 0.05% | 0.06% | 0.06% | 0.06% | 0.05% | 0.05% | 0.05% | 0.04% | 0.04% | 0.04% | 0.04% | -0.01% |
| 513 | Broadcasting & telecommunications | 1.54% | 1.63% | 1.69% | 1.75% | 1.72% | 1.69% | 1.80% | 1.92% | 1.99% | 2.15% | 2.15% | 0.61% |
| 514 | Information & data processing svcs. | 0.22% | 0.25% | 0.20% | 0.27% | 0.26% | 0.27% | 0.28% | 0.29% | 0.31% | 0.33% | 0.33% | 0.12% |

Table A6: Percentage Distribution of Ohio's Gross Domestic Product by Industry, 1998-2007 (based on chained 2000 dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | | Difference 1998-2007 |
|------------------|---|------------------------|--------|--------|--------|--------|--------|--------|--------|-------|-------------------|----------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r | |
| 52 | Finance & insurance | 6.62% | 6.92% | 7.10% | 7.04% | 7.10% | 7.67% | 7.72% | 8.00% | 7.94% | 7.78% | 1.16% |
| 521-2 | Federal Reserve, credit intermediation, etc. | 3.39% | 3.66% | 3.41% | 3.62% | 3.87% | 4.51% | 4.67% | 4.90% | 4.66% | 4.33% | 0.95% |
| 523 | Securities, commodity contracts, investments | 0.41% | 0.52% | 0.72% | 0.74% | 0.69% | 0.69% | 0.69% | 0.76% | 0.86% | 0.90% | 0.49% |
| 524 | Insurance carriers & related activities | 2.84% | 2.72% | 2.92% | 2.64% | 2.50% | 2.41% | 2.31% | 2.31% | 2.41% | 2.56% | -0.28% |
| 525 | Funds, trusts & other financial vehicles | 0.05% | 0.04% | 0.04% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.03% | 0.02% | -0.03% |
| 53 | Real estate, rental & leasing | 10.07% | 10.45% | 10.69% | 11.19% | 10.92% | 10.58% | 10.58% | 10.17% | 9.77% | 9.74% | -0.33% |
| 531 | Real estate | 9.19% | 9.50% | 9.72% | 10.25% | 10.02% | 9.76% | 9.82% | 9.40% | 8.95% | 8.91% | -0.28% |
| 532-3 | Rental & leasing svcs., leasing intangible assets | 0.88% | 0.95% | 0.97% | 0.94% | 0.90% | 0.81% | 0.75% | 0.76% | 0.82% | 0.82% | -0.05% |
| 54 | Professional & technical svcs. | 4.99% | 5.13% | 5.16% | 5.32% | 5.13% | 5.21% | 5.40% | 5.55% | 5.74% | 6.17% | 1.18% |
| 5411 | Legal svcs. | 1.05% | 1.04% | 1.03% | 1.06% | 1.02% | 0.99% | 0.98% | 0.94% | 0.88% | 0.86% | -0.19% |
| 5415 | Computer systems design & related svcs. | 0.83% | 0.92% | 0.87% | 0.98% | 1.01% | 1.03% | 1.05% | 1.08% | 1.21% | 1.39% | 0.56% |
| 5412-4, 6-9 | Other professional, scientific & technical svcs. | 3.11% | 3.17% | 3.25% | 3.28% | 3.09% | 3.20% | 3.39% | 3.55% | 3.70% | 4.02% | 0.91% |
| 55 | Management of companies & enterprises | 2.40% | 2.43% | 2.28% | 2.28% | 2.69% | 2.90% | 2.53% | 2.80% | 2.71% | 2.57% | 0.17% |
| 56 | Administrative & waste svcs. | 3.02% | 3.00% | 2.71% | 2.59% | 2.58% | 2.75% | 2.73% | 2.81% | 2.81% | 2.85% | -0.17% |
| 561 | Administrative & support svcs. | 2.74% | 2.72% | 2.43% | 2.32% | 2.31% | 2.46% | 2.46% | 2.52% | 2.55% | 2.61% | -0.13% |
| 562 | Waste management & remediation svcs. | 0.28% | 0.28% | 0.28% | 0.27% | 0.26% | 0.29% | 0.27% | 0.29% | 0.27% | 0.24% | -0.04% |
| 61 | Educational svcs. | 0.66% | 0.63% | 0.66% | 0.65% | 0.64% | 0.64% | 0.64% | 0.64% | 0.65% | 0.66% | 0.00% |
| 62 | Health care & social assistance | 6.83% | 6.80% | 6.90% | 7.21% | 7.23% | 7.38% | 7.43% | 7.52% | 7.76% | 7.73% | 0.90% |
| 621 | Ambulatory health care svcs. | 3.15% | 3.15% | 3.28% | 3.50% | 3.56% | 3.64% | 3.63% | 3.79% | 3.98% | 3.99% | 0.84% |
| 622-3 | Hospitals & nursing & residential care facilities | 3.23% | 3.19% | 3.15% | 3.20% | 3.15% | 3.21% | 3.25% | 3.17% | 3.20% | 3.13% | -0.10% |
| 624 | Social assistance | 0.44% | 0.46% | 0.47% | 0.51% | 0.53% | 0.54% | 0.54% | 0.58% | 0.62% | 0.65% | 0.21% |
| 71 | Arts, entertainment & recreation | 0.66% | 0.71% | 0.71% | 0.75% | 0.74% | 0.73% | 0.70% | 0.69% | 0.70% | 0.71% | 0.05% |
| 711-2 | Performing arts, museums & related activities | 0.28% | 0.32% | 0.31% | 0.34% | 0.34% | 0.33% | 0.31% | 0.31% | 0.32% | 0.33% | 0.05% |
| 713 | Amusements, gambling & recreation | 0.38% | 0.39% | 0.39% | 0.40% | 0.40% | 0.40% | 0.39% | 0.38% | 0.38% | 0.38% | 0.00% |
| 72 | Accommodation & food svcs. | 2.23% | 2.15% | 2.20% | 2.18% | 2.12% | 2.16% | 2.17% | 2.15% | 2.15% | 2.19% | -0.04% |
| 721 | Accommodation | 0.38% | 0.37% | 0.36% | 0.34% | 0.35% | 0.33% | 0.33% | 0.32% | 0.32% | 0.32% | -0.06% |
| 722 | Food services & drinking places | 1.85% | 1.78% | 1.83% | 1.84% | 1.78% | 1.82% | 1.84% | 1.83% | 1.83% | 1.87% | 0.02% |
| 81 | Other svcs., except government | 2.52% | 2.43% | 2.40% | 2.36% | 2.30% | 2.30% | 2.22% | 2.18% | 2.12% | 2.10% | -0.41% |
| 92 | Government | 10.64% | 10.46% | 10.55% | 10.79% | 10.68% | 10.45% | 10.08% | 9.91% | 9.86% | 9.83% | -0.81% |
| 92a & b | Federal government | 2.14% | 2.03% | 2.07% | 2.04% | 2.04% | 2.03% | 1.95% | 1.91% | 1.89% | 1.88% | -0.26% |
| 92a | Civilian [*] | 1.79% | 1.70% | 1.74% | 1.71% | 1.66% | 1.61% | 1.54% | 1.50% | 1.52% | 1.53% | -0.27% |
| 92b | Military | 0.34% | 0.33% | 0.33% | 0.33% | 0.38% | 0.42% | 0.41% | 0.41% | 0.37% | 0.35% | 0.01% |
| 92c | State & local | 8.51% | 8.43% | 8.48% | 8.75% | 8.64% | 8.41% | 8.13% | 7.99% | 7.96% | 7.95% | -0.55% |

Notes: * - components may not sum to totals due to rounding and/or different inflators and deflators used for different industries; P - preliminary; 1 - leather and allied products included by not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

Abbreviations used: etc. - related services; mfg. - manufacturing; p - part; svcs. - services.

Source: U.S. Bureau Economic Analysis (2009).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 7/09).

Table A7: U.S. Gross Domestic Product by Industry, 1998-2007 (in millions of current dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | |
|------------------|---|------------------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r |
| 11-92 | All Industries* | \$8,679,660 | \$9,201,140 | \$9,749,100 | \$10,058,200 | \$10,398,400 | \$10,886,200 | \$11,607,000 | \$12,339,000 | \$13,090,800 | \$13,715,700 |
| 11-81 | Private industries | \$7,652,500 | \$8,127,190 | \$8,614,290 | \$8,869,650 | \$9,131,170 | \$9,542,340 | \$10,194,300 | \$10,853,100 | \$11,529,300 | \$12,064,600 |
| 11 | Agriculture, forestry, fishing & hunting | \$102,395 | \$93,779 | \$98,020 | \$97,895 | \$95,444 | \$114,383 | \$142,160 | \$133,337 | \$121,627 | \$167,907 |
| 111-2 | Crop & animal production (farms) | \$78,901 | \$68,774 | \$71,526 | \$73,134 | \$70,819 | \$88,267 | \$114,673 | \$104,123 | \$91,118 | \$137,251 |
| 113-5 | Forestry, fishing & related activities | \$23,494 | \$25,005 | \$26,494 | \$24,761 | \$24,625 | \$26,116 | \$27,487 | \$29,214 | \$30,509 | \$30,656 |
| 21 | Mining | \$74,785 | \$85,397 | \$121,334 | \$118,737 | \$106,534 | \$143,345 | \$171,341 | \$223,815 | \$262,406 | \$275,012 |
| 211 | Oil & gas extraction | \$35,173 | \$47,217 | \$80,990 | \$72,515 | \$62,753 | \$93,817 | \$114,315 | \$150,491 | \$160,557 | \$164,678 |
| 212 | Mining, except oil & gas | \$27,031 | \$27,492 | \$26,992 | \$27,082 | \$26,834 | \$27,238 | \$30,333 | \$36,755 | \$43,196 | \$45,310 |
| 213 | Support activities for mining | \$12,581 | \$10,688 | \$13,352 | \$19,140 | \$16,946 | \$22,290 | \$26,693 | \$36,569 | \$58,653 | \$65,025 |
| 22 | Utilities | \$180,806 | \$185,416 | \$189,291 | \$202,286 | \$207,326 | \$219,976 | \$240,271 | \$239,454 | \$272,736 | \$281,424 |
| 23 | Construction | \$374,387 | \$406,602 | \$435,914 | \$469,535 | \$482,277 | \$496,212 | \$539,216 | \$605,450 | \$646,015 | \$680,842 |
| 31-33 | Manufacturing | \$1,343,850 | \$1,373,110 | \$1,426,220 | \$1,341,330 | \$1,352,640 | \$1,359,330 | \$1,427,890 | \$1,480,590 | \$1,577,400 | \$1,616,830 |
| 32p & 33 | Durable goods | \$806,865 | \$820,392 | \$865,268 | \$778,871 | \$774,784 | \$771,794 | \$807,475 | \$845,060 | \$899,423 | \$921,964 |
| 321 | Wood products | \$29,358 | \$31,930 | \$31,437 | \$31,313 | \$30,421 | \$32,103 | \$37,477 | \$38,437 | \$33,780 | \$31,449 |
| 327 | Nonmetallic mineral products | \$42,327 | \$45,103 | \$45,743 | \$44,862 | \$45,941 | \$45,134 | \$49,335 | \$53,018 | \$57,964 | \$54,421 |
| 331 | Primary metals | \$49,422 | \$47,302 | \$48,192 | \$41,072 | \$41,943 | \$38,352 | \$54,533 | \$56,352 | \$63,449 | \$62,387 |
| 332 | Fabricated metal products | \$112,705 | \$116,360 | \$121,686 | \$112,040 | \$107,403 | \$106,304 | \$115,193 | \$123,732 | \$131,647 | \$140,391 |
| 333 | Machinery | \$111,472 | \$105,630 | \$109,296 | \$103,157 | \$96,525 | \$94,277 | \$103,446 | \$111,643 | \$119,511 | \$125,680 |
| 334 | Computer & electronic products | \$165,673 | \$162,777 | \$185,563 | \$136,931 | \$124,152 | \$124,001 | \$125,461 | \$133,736 | \$144,407 | \$146,294 |
| 335 | Electrical equipment & appliances | \$44,735 | \$48,196 | \$50,580 | \$49,194 | \$48,785 | \$48,804 | \$45,659 | \$46,268 | \$55,270 | \$58,381 |
| 336 | Transportation equipment | \$172,171 | \$179,650 | \$182,544 | \$172,869 | \$188,524 | \$186,445 | \$177,819 | \$178,798 | \$185,980 | \$194,594 |
| 3361-3 | Motor vehicles, bodies, trailers & parts | \$108,827 | \$115,397 | \$118,105 | \$103,694 | \$118,882 | \$124,093 | \$106,942 | \$98,225 | \$98,315 | \$98,454 |
| 3364-9 | Other transportation equipment | \$63,344 | \$64,253 | \$64,439 | \$69,175 | \$69,642 | \$62,352 | \$70,877 | \$80,573 | \$87,665 | \$96,140 |
| 337 | Furniture & related products | \$29,101 | \$30,965 | \$32,712 | \$30,200 | \$31,061 | \$33,447 | \$31,196 | \$34,738 | \$36,620 | \$35,383 |
| 339 | Miscellaneous mfg. | \$49,902 | \$52,480 | \$57,514 | \$57,234 | \$60,029 | \$62,928 | \$67,357 | \$68,339 | \$70,795 | \$72,984 |
| 31 & 32p | Nondurable goods ¹ | \$536,985 | \$552,720 | \$560,950 | \$562,459 | \$577,855 | \$587,533 | \$620,413 | \$635,529 | \$677,976 | \$694,861 |
| 311-2 | Food products | \$137,539 | \$153,567 | \$154,809 | \$167,129 | \$172,880 | \$167,940 | \$161,045 | \$159,206 | \$160,181 | \$174,696 |
| 313-4 | Textile & textile product mills | \$27,127 | \$26,440 | \$26,453 | \$22,713 | \$21,948 | \$23,107 | \$23,119 | \$23,230 | \$21,720 | \$19,783 |
| 315 | Apparel | \$26,049 | \$24,739 | \$25,052 | \$22,796 | \$20,913 | \$18,259 | \$17,325 | \$17,071 | \$16,679 | \$16,077 |
| 322 | Paper | \$52,154 | \$54,150 | \$55,594 | \$48,946 | \$50,311 | \$50,310 | \$50,687 | \$50,245 | \$56,943 | \$50,659 |
| 323 | Printing & related support activities | \$46,508 | \$48,183 | \$49,009 | \$46,868 | \$45,662 | \$45,249 | \$45,554 | \$46,319 | \$47,488 | \$47,854 |
| 324 | Petroleum & coal products | \$30,643 | \$22,399 | \$26,248 | \$33,376 | \$26,246 | \$39,148 | \$56,621 | \$70,903 | \$73,600 | \$70,412 |
| 325 | Chemical | \$153,362 | \$157,142 | \$157,057 | \$157,227 | \$174,363 | \$179,485 | \$198,746 | \$201,497 | \$236,003 | \$249,195 |
| 326 | Plastics & rubber products | \$63,603 | \$66,100 | \$66,728 | \$63,406 | \$65,534 | \$64,034 | \$67,314 | \$67,060 | \$65,362 | \$66,186 |
| 42 | Wholesale trade | \$542,940 | \$577,702 | \$591,687 | \$607,078 | \$615,365 | \$637,005 | \$686,657 | \$722,433 | \$773,243 | \$805,319 |
| 44-45 | Retail trade | \$598,633 | \$635,456 | \$662,430 | \$691,578 | \$719,578 | \$751,483 | \$776,919 | \$824,653 | \$866,527 | \$892,522 |
| 48-49p | Transportation & warehousing ² | \$273,703 | \$287,409 | \$301,622 | \$296,948 | \$304,557 | \$316,576 | \$344,625 | \$364,727 | \$387,381 | \$407,188 |
| 481 | Air transportation | \$52,501 | \$54,888 | \$57,678 | \$49,960 | \$48,336 | \$51,729 | \$49,142 | \$48,282 | \$50,289 | \$55,244 |
| 482 | Rail transportation | \$24,532 | \$24,668 | \$25,530 | \$25,559 | \$26,191 | \$28,079 | \$29,835 | \$33,549 | \$38,970 | \$40,548 |
| 483 | Water transportation | \$6,516 | \$6,414 | \$7,222 | \$7,417 | \$6,958 | \$8,739 | \$9,510 | \$9,984 | \$10,826 | \$10,700 |
| 484 | Truck transportation | \$86,196 | \$89,838 | \$92,821 | \$93,315 | \$95,651 | \$98,360 | \$111,395 | \$118,425 | \$122,488 | \$127,622 |
| 485 | Transit & ground passenger transportation | \$13,778 | \$14,400 | \$14,457 | \$15,088 | \$15,684 | \$16,066 | \$17,580 | \$17,850 | \$18,309 | \$19,316 |
| 486 | Pipeline transportation | \$9,245 | \$9,243 | \$8,718 | \$9,166 | \$11,519 | \$9,858 | \$10,671 | \$9,473 | \$11,353 | \$12,018 |
| 487-8, 492 | Other transportation & support activities | \$59,852 | \$64,750 | \$70,225 | \$71,359 | \$73,378 | \$75,425 | \$85,337 | \$91,581 | \$97,806 | \$101,484 |
| 493 | Warehousing & storage | \$21,085 | \$23,209 | \$24,971 | \$25,084 | \$26,841 | \$28,320 | \$31,155 | \$35,584 | \$37,339 | \$40,255 |
| 51 | Information | \$381,572 | \$439,313 | \$458,304 | \$476,934 | \$482,981 | \$489,083 | \$530,619 | \$557,770 | \$559,587 | \$586,269 |
| 511 | Publishing including software | \$96,656 | \$118,664 | \$116,733 | \$118,671 | \$118,993 | \$123,546 | \$130,830 | \$143,300 | \$134,284 | \$138,792 |
| 512 | Motion picture & sound recording industries | \$25,288 | \$30,107 | \$32,525 | \$33,568 | \$38,884 | \$38,282 | \$40,243 | \$42,318 | \$42,883 | \$43,430 |
| 513 | Broadcasting & telecommunications | \$229,782 | \$253,833 | \$271,301 | \$283,196 | \$278,949 | \$277,937 | \$302,218 | \$310,409 | \$317,042 | \$342,391 |
| 514 | Information & data processing svcs. | \$29,847 | \$36,709 | \$37,746 | \$41,499 | \$46,156 | \$49,318 | \$57,328 | \$61,734 | \$65,377 | \$61,656 |

Table A7: U.S. Gross Domestic Product by Industry, 1998-2007 (in millions of current dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | |
|------------------|---|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r |
| 52 | Finance & insurance | \$641,118 | \$679,841 | \$740,488 | \$782,627 | \$822,728 | \$864,623 | \$907,883 | \$989,473 | \$1,060,930 | \$1,091,420 |
| 521-2 | Federal Reserve, credit intermediation, etc. | \$277,742 | \$308,007 | \$319,025 | \$360,055 | \$417,443 | \$445,015 | \$457,792 | \$495,860 | \$518,776 | \$504,425 |
| 523 | Securities, commodity contracts, investments | \$134,070 | \$139,929 | \$167,713 | \$170,223 | \$148,390 | \$145,887 | \$158,266 | \$188,535 | \$211,922 | \$237,501 |
| 524 | Insurance carriers & related activities | \$217,437 | \$216,867 | \$238,264 | \$234,393 | \$237,439 | \$254,999 | \$267,747 | \$279,995 | \$311,757 | \$332,486 |
| 525 | Funds, trusts & other financial vehicles | \$11,869 | \$15,038 | \$15,486 | \$17,956 | \$19,456 | \$18,723 | \$24,077 | \$25,083 | \$18,470 | \$17,003 |
| 53 | Real estate, rental & leasing | \$1,043,490 | \$1,118,550 | \$1,190,460 | \$1,276,570 | \$1,319,160 | \$1,380,000 | \$1,470,890 | \$1,538,480 | \$1,624,850 | \$1,719,800 |
| 531 | Real estate | \$950,297 | \$1,017,950 | \$1,082,120 | \$1,169,700 | \$1,215,890 | \$1,274,230 | \$1,366,740 | \$1,428,180 | \$1,498,260 | \$1,586,550 |
| 532-3 | Rental & leasing svcs., leasing intangible assets | \$93,192 | \$100,608 | \$108,345 | \$106,872 | \$103,269 | \$105,765 | \$104,149 | \$110,302 | \$126,589 | \$133,253 |
| 54 | Professional & technical svcs. | \$565,310 | \$613,935 | \$675,122 | \$698,825 | \$705,227 | \$733,125 | \$792,709 | \$859,400 | \$930,568 | \$1,007,780 |
| 5411 | Legal svcs. | \$120,893 | \$127,345 | \$136,126 | \$145,563 | \$145,752 | \$154,213 | \$168,743 | \$179,768 | \$187,516 | \$198,351 |
| 5415 | Computer systems design & related svcs. | \$92,862 | \$107,792 | \$125,744 | \$127,064 | \$127,323 | \$124,333 | \$126,870 | \$134,870 | \$152,409 | \$169,262 |
| 5412-4, 6-9 | Other professional, scientific & technical svcs. | \$351,555 | \$378,798 | \$413,251 | \$426,198 | \$432,152 | \$454,580 | \$497,096 | \$544,762 | \$590,643 | \$640,168 |
| 55 | Management of companies & enterprises | \$156,810 | \$170,458 | \$183,354 | \$177,636 | \$183,799 | \$195,502 | \$210,146 | \$236,230 | \$246,938 | \$271,251 |
| 56 | Administrative & waste svcs. | \$254,047 | \$280,150 | \$282,373 | \$289,419 | \$299,958 | \$320,303 | \$335,335 | \$368,298 | \$388,927 | \$415,113 |
| 561 | Administrative & support svcs. | \$231,877 | \$255,407 | \$257,207 | \$264,073 | \$273,252 | \$290,899 | \$304,336 | \$335,193 | \$356,869 | \$381,215 |
| 562 | Waste management & remediation svcs. | \$22,170 | \$24,742 | \$25,166 | \$25,346 | \$26,706 | \$29,403 | \$30,999 | \$33,104 | \$32,058 | \$33,898 |
| 61 | Educational svcs. | \$67,634 | \$72,774 | \$79,239 | \$85,094 | \$93,268 | \$100,096 | \$108,296 | \$113,584 | \$121,060 | \$129,531 |
| 62 | Health care & social assistance | \$533,904 | \$561,713 | \$599,197 | \$654,233 | \$706,300 | \$757,169 | \$807,972 | \$856,145 | \$904,753 | \$957,440 |
| 621 | Ambulatory health care svcs. | \$276,083 | \$288,565 | \$307,624 | \$338,120 | \$361,803 | \$385,673 | \$406,661 | \$438,712 | \$467,011 | \$498,101 |
| 622-3 | Hospitals & nursing & residential care facilities | \$214,539 | \$225,565 | \$238,552 | \$258,044 | \$281,113 | \$303,854 | \$330,483 | \$340,961 | \$356,825 | \$373,681 |
| 624 | Social assistance | \$43,282 | \$47,583 | \$53,022 | \$58,069 | \$63,384 | \$67,641 | \$70,828 | \$76,472 | \$80,917 | \$85,658 |
| 71 | Arts, entertainment & recreation | \$76,824 | \$83,801 | \$88,676 | \$95,664 | \$102,390 | \$107,188 | \$113,744 | \$118,141 | \$126,898 | \$133,847 |
| 711-2 | Performing arts, museums & related activities | \$34,634 | \$37,757 | \$40,012 | \$42,695 | \$46,731 | \$49,577 | \$52,713 | \$54,218 | \$58,760 | \$61,808 |
| 713 | Amusements, gambling & recreation | \$42,190 | \$46,044 | \$48,664 | \$52,969 | \$55,659 | \$57,611 | \$61,031 | \$63,924 | \$68,138 | \$72,038 |
| 72 | Accommodation & food svcs. | \$229,148 | \$243,973 | \$261,443 | \$265,805 | \$279,115 | \$291,674 | \$313,718 | \$333,625 | \$357,970 | \$379,489 |
| 721 | Accommodation | \$78,072 | \$84,297 | \$90,672 | \$87,487 | \$89,100 | \$90,692 | \$98,428 | \$106,068 | \$113,713 | \$120,894 |
| 722 | Food services & drinking places | \$151,077 | \$159,677 | \$170,771 | \$178,318 | \$190,015 | \$200,982 | \$215,290 | \$227,557 | \$244,257 | \$258,594 |
| 81 | Other svcs., except government | \$211,147 | \$217,810 | \$229,109 | \$241,458 | \$252,521 | \$265,274 | \$273,890 | \$287,493 | \$299,464 | \$315,634 |
| 92 | Government | \$1,027,160 | \$1,073,940 | \$1,134,820 | \$1,188,520 | \$1,267,230 | \$1,343,830 | \$1,412,770 | \$1,485,910 | \$1,561,510 | \$1,651,130 |
| 92a & b | Federal government | \$285,571 | \$294,588 | \$310,885 | \$315,894 | \$346,126 | \$373,990 | \$400,494 | \$419,021 | \$439,988 | \$462,212 |
| 92a | Civilian ^a | \$199,071 | \$205,804 | \$217,540 | \$217,867 | \$235,469 | \$247,827 | \$264,376 | \$271,600 | \$285,323 | \$299,283 |
| 92b | Military | \$86,500 | \$88,784 | \$93,345 | \$98,027 | \$110,657 | \$126,163 | \$136,118 | \$147,421 | \$154,665 | \$162,929 |
| 92c | State & local | \$741,584 | \$779,356 | \$823,931 | \$872,623 | \$921,107 | \$969,844 | \$1,012,270 | \$1,066,890 | \$1,121,520 | \$1,188,920 |

Notes: * - components may not sum to totals due to rounding; P - preliminary; 1 - leather and allied products included but not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

Abbreviations used: etc. - related services; mfg. - manufacturing; p - part; svcs. - services.

Source: U.S. Bureau Economic Analysis (2009).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 7/09).

Table A8: Percentage Distribution of U.S. Gross Domestic Product by Industry, 1998-2007 (based on current dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | |
|---------------------|---|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r |
| 11-92 | All Industries* | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
| 11-81 | Private industries | 88.17% | 88.33% | 88.36% | 88.18% | 87.81% | 87.66% | 87.83% | 87.96% | 88.07% | 87.96% |
| 11 | Agriculture, forestry, fishing & hunting | 1.18% | 1.02% | 1.01% | 0.97% | 0.92% | 1.05% | 1.22% | 1.08% | 0.93% | 1.22% |
| 111-2 | Crop & animal production (farms) | 0.91% | 0.75% | 0.73% | 0.73% | 0.68% | 0.81% | 0.99% | 0.84% | 0.70% | 1.00% |
| 113-5 | Forestry, fishing & related activities | 0.27% | 0.27% | 0.27% | 0.25% | 0.24% | 0.24% | 0.24% | 0.24% | 0.23% | 0.22% |
| 21 | Mining | 0.86% | 0.93% | 1.24% | 1.18% | 1.02% | 1.32% | 1.48% | 1.81% | 2.00% | 2.01% |
| 211 | Oil & gas extraction | 0.41% | 0.51% | 0.83% | 0.72% | 0.60% | 0.86% | 0.98% | 1.22% | 1.23% | 1.20% |
| 212 | Mining, except oil & gas | 0.31% | 0.30% | 0.28% | 0.27% | 0.26% | 0.25% | 0.26% | 0.30% | 0.33% | 0.33% |
| 213 | Support activities for mining | 0.14% | 0.12% | 0.14% | 0.19% | 0.16% | 0.20% | 0.23% | 0.30% | 0.45% | 0.47% |
| 22 | Utilities | 2.08% | 2.02% | 1.94% | 2.01% | 1.99% | 2.02% | 2.07% | 1.94% | 2.08% | 2.05% |
| 23 | Construction | 4.31% | 4.42% | 4.47% | 4.67% | 4.64% | 4.56% | 4.65% | 4.91% | 4.93% | 4.45% |
| 31-33 | Manufacturing | 15.48% | 14.92% | 14.63% | 13.34% | 13.01% | 12.49% | 12.30% | 12.00% | 12.05% | 11.79% |
| 32p & 33 | Durable goods | 9.30% | 8.92% | 8.88% | 7.74% | 7.45% | 7.09% | 6.96% | 6.85% | 6.87% | 6.72% |
| 321 | Wood products | 0.34% | 0.35% | 0.32% | 0.31% | 0.29% | 0.29% | 0.32% | 0.31% | 0.26% | 0.23% |
| 327 | Nonmetallic mineral products | 0.49% | 0.49% | 0.47% | 0.45% | 0.44% | 0.41% | 0.43% | 0.43% | 0.44% | 0.40% |
| 331 | Primary metals | 0.57% | 0.51% | 0.49% | 0.41% | 0.40% | 0.35% | 0.47% | 0.46% | 0.48% | 0.45% |
| 332 | Fabricated metal products | 1.30% | 1.26% | 1.25% | 1.11% | 1.03% | 0.98% | 0.99% | 1.00% | 1.01% | 1.02% |
| 333 | Machinery | 1.28% | 1.15% | 1.12% | 1.03% | 0.93% | 0.87% | 0.89% | 0.90% | 0.91% | 0.92% |
| 334 | Computer & electronic products | 1.91% | 1.77% | 1.90% | 1.36% | 1.19% | 1.14% | 1.08% | 1.08% | 1.10% | 1.07% |
| 335 | Electrical equipment & appliances | 0.52% | 0.52% | 0.52% | 0.49% | 0.47% | 0.45% | 0.39% | 0.37% | 0.42% | 0.43% |
| 336 | Transportation equipment | 1.98% | 1.95% | 1.87% | 1.72% | 1.81% | 1.71% | 1.53% | 1.45% | 1.42% | 1.42% |
| 3361-3 | Motor vehicles, bodies, trailers & parts | 1.25% | 1.25% | 1.21% | 1.03% | 1.14% | 1.14% | 0.92% | 0.80% | 0.75% | 0.72% |
| 3364-9 | Other transportation equipment | 0.73% | 0.70% | 0.66% | 0.69% | 0.67% | 0.57% | 0.61% | 0.65% | 0.67% | 0.70% |
| 337 | Furniture & related products | 0.34% | 0.34% | 0.34% | 0.30% | 0.30% | 0.31% | 0.27% | 0.28% | 0.28% | 0.26% |
| 339 | Miscellaneous mfg. | 0.57% | 0.57% | 0.59% | 0.57% | 0.58% | 0.58% | 0.58% | 0.55% | 0.54% | 0.53% |
| 31 & 32p | Nondurable goods ¹ | 6.19% | 6.01% | 5.75% | 5.59% | 5.56% | 5.40% | 5.35% | 5.15% | 5.18% | 5.07% |
| 311-2 | Food products | 1.58% | 1.67% | 1.59% | 1.66% | 1.66% | 1.54% | 1.39% | 1.29% | 1.22% | 1.27% |
| 313-4 | Textile & textile product mills | 0.31% | 0.29% | 0.27% | 0.23% | 0.21% | 0.21% | 0.20% | 0.19% | 0.17% | 0.14% |
| 315 | Apparel | 0.30% | 0.27% | 0.26% | 0.23% | 0.20% | 0.17% | 0.15% | 0.14% | 0.13% | 0.12% |
| 322 | Paper | 0.60% | 0.59% | 0.57% | 0.49% | 0.48% | 0.46% | 0.44% | 0.41% | 0.43% | 0.37% |
| 323 | Printing & related support activities | 0.54% | 0.52% | 0.50% | 0.47% | 0.44% | 0.42% | 0.39% | 0.38% | 0.36% | 0.35% |
| 324 | Petroleum & coal products | 0.35% | 0.24% | 0.27% | 0.33% | 0.25% | 0.36% | 0.49% | 0.57% | 0.56% | 0.51% |
| 325 | Chemical | 1.77% | 1.71% | 1.61% | 1.56% | 1.68% | 1.65% | 1.71% | 1.63% | 1.80% | 1.82% |
| 326 | Plastics & rubber products | 0.73% | 0.72% | 0.68% | 0.63% | 0.63% | 0.59% | 0.58% | 0.54% | 0.50% | 0.48% |
| 42 | Wholesale trade | 6.26% | 6.28% | 6.07% | 6.04% | 5.92% | 5.85% | 5.92% | 5.85% | 5.91% | 5.87% |
| 44-45 | Retail trade | 6.90% | 6.91% | 6.79% | 6.88% | 6.92% | 6.90% | 6.69% | 6.68% | 6.62% | 6.51% |
| 48-49p | Transportation & warehousing ² | 3.15% | 3.12% | 3.09% | 2.95% | 2.93% | 2.91% | 2.97% | 2.96% | 2.96% | 2.97% |
| 481 | Air transportation | 0.60% | 0.60% | 0.59% | 0.50% | 0.46% | 0.48% | 0.42% | 0.39% | 0.38% | 0.40% |
| 482 | Rail transportation | 0.28% | 0.27% | 0.26% | 0.25% | 0.25% | 0.26% | 0.26% | 0.27% | 0.30% | 0.30% |
| 483 | Water transportation | 0.08% | 0.07% | 0.07% | 0.07% | 0.07% | 0.08% | 0.08% | 0.08% | 0.08% | 0.08% |
| 484 | Truck transportation | 0.99% | 0.98% | 0.95% | 0.93% | 0.92% | 0.90% | 0.96% | 0.96% | 0.94% | 0.93% |
| 485 | Transit & ground passenger transportation | 0.16% | 0.16% | 0.15% | 0.15% | 0.15% | 0.15% | 0.15% | 0.14% | 0.14% | 0.14% |
| 486 | Pipeline transportation | 0.11% | 0.10% | 0.09% | 0.09% | 0.11% | 0.09% | 0.09% | 0.08% | 0.09% | 0.09% |
| 487-8, 492 | Other transportation & support activities | 0.69% | 0.70% | 0.72% | 0.71% | 0.71% | 0.69% | 0.74% | 0.74% | 0.75% | 0.74% |
| 493 | Warehousing & storage | 0.24% | 0.25% | 0.26% | 0.25% | 0.26% | 0.26% | 0.27% | 0.29% | 0.29% | 0.29% |
| 51 | Information | 4.40% | 4.77% | 4.70% | 4.74% | 4.64% | 4.49% | 4.57% | 4.52% | 4.27% | 4.27% |
| 511 | Publishing including software | 1.11% | 1.29% | 1.20% | 1.18% | 1.14% | 1.13% | 1.16% | 1.16% | 1.03% | 1.01% |
| 512 | Motion picture & sound recording industries | 0.29% | 0.33% | 0.33% | 0.33% | 0.37% | 0.35% | 0.35% | 0.34% | 0.33% | 0.32% |
| 513 | Broadcasting & telecommunications | 2.65% | 2.76% | 2.78% | 2.82% | 2.68% | 2.55% | 2.60% | 2.52% | 2.42% | 2.50% |
| 514 | Information & data processing svcs. | 0.34% | 0.40% | 0.39% | 0.41% | 0.44% | 0.45% | 0.49% | 0.50% | 0.50% | 0.45% |

Table A8: Percentage Distribution of U.S. Gross Domestic Product by Industry, 1998-2007 (based on current dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | |
|---------------------|---|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r |
| 52 | Finance & insurance | 7.39% | 7.39% | 7.60% | 7.78% | 7.91% | 7.94% | 7.82% | 8.02% | 8.10% | 7.96% |
| 521-2 | Federal Reserve, credit intermediation, etc. | 3.20% | 3.35% | 3.27% | 3.58% | 4.01% | 4.09% | 3.94% | 4.02% | 3.96% | 3.68% |
| 523 | Securities, commodity contracts, investments | 1.54% | 1.52% | 1.72% | 1.69% | 1.43% | 1.34% | 1.36% | 1.53% | 1.62% | 1.73% |
| 524 | Insurance carriers & related activities | 2.51% | 2.36% | 2.44% | 2.33% | 2.28% | 2.34% | 2.31% | 2.27% | 2.38% | 2.42% |
| 525 | Funds, trusts & other financial vehicles | 0.14% | 0.16% | 0.16% | 0.18% | 0.19% | 0.17% | 0.21% | 0.20% | 0.14% | 0.12% |
| 53 | Real estate, rental & leasing | 12.02% | 12.16% | 12.21% | 12.69% | 12.69% | 12.68% | 12.67% | 12.47% | 12.41% | 12.54% |
| 531 | Real estate | 10.95% | 11.06% | 11.10% | 11.63% | 11.69% | 11.71% | 11.78% | 11.57% | 11.45% | 11.57% |
| 532-3 | Rental & leasing svcs., leasing intangible assets | 1.07% | 1.09% | 1.11% | 1.06% | 0.99% | 0.97% | 0.90% | 0.89% | 0.97% | 0.97% |
| 54 | Professional & technical svcs. | 6.51% | 6.67% | 6.92% | 6.95% | 6.78% | 6.73% | 6.83% | 6.96% | 7.11% | 7.35% |
| 5411 | Legal svcs. | 1.39% | 1.38% | 1.40% | 1.45% | 1.40% | 1.42% | 1.45% | 1.46% | 1.43% | 1.45% |
| 5415 | Computer systems design & related svcs. | 1.07% | 1.17% | 1.29% | 1.26% | 1.22% | 1.14% | 1.09% | 1.09% | 1.16% | 1.23% |
| 5412-4, 6-9 | Other professional, scientific & technical svcs. | 4.05% | 4.12% | 4.24% | 4.24% | 4.16% | 4.18% | 4.28% | 4.41% | 4.51% | 4.67% |
| 55 | Management of companies & enterprises | 1.81% | 1.85% | 1.88% | 1.77% | 1.77% | 1.80% | 1.81% | 1.91% | 1.89% | 1.98% |
| 56 | Administrative & waste svcs. | 2.93% | 3.04% | 2.90% | 2.88% | 2.88% | 2.94% | 2.89% | 2.98% | 2.97% | 3.03% |
| 561 | Administrative & support svcs. | 2.67% | 2.78% | 2.64% | 2.63% | 2.63% | 2.67% | 2.62% | 2.72% | 2.73% | 2.78% |
| 562 | Waste management & remediation svcs. | 0.26% | 0.27% | 0.26% | 0.25% | 0.26% | 0.27% | 0.27% | 0.27% | 0.24% | 0.25% |
| 61 | Educational svcs. | 0.78% | 0.79% | 0.81% | 0.85% | 0.90% | 0.92% | 0.93% | 0.92% | 0.92% | 0.94% |
| 62 | Health care & social assistance | 6.15% | 6.10% | 6.15% | 6.50% | 6.79% | 6.96% | 6.96% | 6.94% | 6.91% | 6.98% |
| 621 | Ambulatory health care svcs. | 3.18% | 3.14% | 3.16% | 3.36% | 3.48% | 3.54% | 3.50% | 3.56% | 3.57% | 3.63% |
| 622-3 | Hospitals & nursing & residential care facilities | 2.47% | 2.45% | 2.45% | 2.57% | 2.70% | 2.79% | 2.85% | 2.76% | 2.73% | 2.72% |
| 624 | Social assistance | 0.50% | 0.52% | 0.54% | 0.58% | 0.61% | 0.62% | 0.61% | 0.62% | 0.62% | 0.62% |
| 71 | Arts, entertainment & recreation | 0.89% | 0.91% | 0.91% | 0.95% | 0.98% | 0.98% | 0.98% | 0.96% | 0.97% | 0.98% |
| 711-2 | Performing arts, museums & related activities | 0.40% | 0.41% | 0.41% | 0.42% | 0.45% | 0.46% | 0.45% | 0.44% | 0.45% | 0.45% |
| 713 | Amusements, gambling & recreation | 0.49% | 0.50% | 0.50% | 0.53% | 0.54% | 0.53% | 0.53% | 0.52% | 0.52% | 0.53% |
| 72 | Accommodation & food svcs. | 2.64% | 2.65% | 2.68% | 2.64% | 2.68% | 2.68% | 2.70% | 2.70% | 2.73% | 2.77% |
| 721 | Accommodation | 0.90% | 0.92% | 0.93% | 0.87% | 0.86% | 0.83% | 0.85% | 0.86% | 0.87% | 0.88% |
| 722 | Food services & drinking places | 1.74% | 1.74% | 1.75% | 1.77% | 1.83% | 1.85% | 1.85% | 1.84% | 1.87% | 1.89% |
| 81 | Other svcs., except government | 2.43% | 2.37% | 2.35% | 2.40% | 2.43% | 2.44% | 2.36% | 2.33% | 2.29% | 2.30% |
| 92 | Government | 11.83% | 11.67% | 11.64% | 11.82% | 12.19% | 12.34% | 12.17% | 12.04% | 11.93% | 12.04% |
| 92a & b | Federal government | 3.29% | 3.20% | 3.19% | 3.14% | 3.33% | 3.44% | 3.45% | 3.40% | 3.36% | 3.37% |
| 92a | Civilian ^a | 2.29% | 2.24% | 2.23% | 2.17% | 2.26% | 2.28% | 2.28% | 2.20% | 2.18% | 2.18% |
| 92b | Military | 1.00% | 0.96% | 0.96% | 0.97% | 1.06% | 1.16% | 1.17% | 1.19% | 1.18% | 1.19% |
| 92c | State & local | 8.54% | 8.47% | 8.45% | 8.68% | 8.86% | 8.91% | 8.72% | 8.65% | 8.57% | 8.67% |

Notes: * - components may not sum to totals due to rounding; P - preliminary; 1 - leather and allied products included but not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

Abbreviations used: etc. - related services; mfg. - manufacturing; p - part; svcs. - services.

Source: U.S. Bureau Economic Analysis (2009).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 7/09).

Table A9: U.S. Gross Domestic Product by Industry, 1998-2007 (in millions of chained 2000 dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | | Percent Change 1998-2007 |
|------------------|---|------------------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|-------------------|--------------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r | |
| 11-92 | All Industries* | \$9,004,670 | \$9,404,250 | \$9,749,100 | \$9,836,580 | \$9,981,850 | \$10,225,700 | \$10,580,200 | \$10,912,200 | \$11,218,800 | \$11,439,200 | 27.0% |
| 11-81 | Private industries | \$7,896,070 | \$8,285,470 | \$8,614,290 | \$8,692,540 | \$8,817,040 | \$9,050,830 | \$9,406,660 | \$9,739,980 | \$10,043,500 | \$10,250,100 | 29.8% |
| 11 | Agriculture, forestry, fishing & hunting | \$84,578 | \$87,396 | \$98,020 | \$91,806 | \$96,811 | \$104,070 | \$111,043 | \$120,476 | \$114,128 | \$122,057 | 44.3% |
| 111-2 | Crop & animal production (farms) | \$61,587 | \$62,883 | \$71,526 | \$65,607 | \$70,096 | \$75,975 | \$82,136 | \$89,649 | \$83,447 | \$91,512 | 48.6% |
| 113-5 | Forestry, fishing & related activities | \$22,896 | \$24,539 | \$26,494 | \$26,305 | \$26,700 | \$27,979 | \$28,423 | \$30,150 | \$30,240 | \$29,532 | 29.0% |
| 21 | Mining | \$123,375 | \$126,552 | \$121,334 | \$114,922 | \$107,646 | \$106,680 | \$107,708 | \$103,668 | \$111,336 | \$111,427 | -9.7% |
| 211 | Oil & gas extraction | \$90,621 | \$91,535 | \$80,990 | \$77,708 | \$81,961 | \$78,110 | \$75,649 | \$69,486 | \$72,195 | \$69,520 | -23.3% |
| 212 | Mining, except oil & gas | \$24,498 | \$26,703 | \$26,992 | \$25,759 | \$24,164 | \$23,984 | \$24,044 | \$25,172 | \$25,747 | \$24,822 | 1.3% |
| 213 | Support activities for mining | \$11,707 | \$10,997 | \$13,352 | \$11,585 | \$6,943 | \$7,978 | \$9,680 | \$10,347 | \$12,946 | \$14,730 | 25.8% |
| 22 | Utilities | \$171,272 | \$179,204 | \$189,291 | \$179,980 | \$187,670 | \$200,629 | \$212,150 | \$199,594 | \$201,855 | \$204,209 | 19.2% |
| 23 | Construction | \$423,216 | \$433,346 | \$435,914 | \$436,624 | \$428,070 | \$419,300 | \$420,351 | \$418,461 | \$401,209 | \$356,441 | -15.8% |
| 31-33 | Manufacturing | \$1,286,190 | \$1,342,120 | \$1,426,220 | \$1,346,870 | \$1,384,380 | \$1,400,090 | \$1,478,320 | \$1,491,020 | \$1,573,290 | \$1,618,580 | 25.8% |
| 32p & 33 | Durable goods | \$729,898 | \$775,515 | \$865,268 | \$813,625 | \$827,746 | \$849,426 | \$898,784 | \$948,528 | \$1,025,750 | \$1,074,580 | 47.2% |
| 321 | Wood products | \$29,928 | \$30,448 | \$31,437 | \$30,889 | \$30,324 | \$30,422 | \$30,706 | \$32,033 | \$29,896 | \$31,706 | 5.9% |
| 327 | Nonmetallic mineral products | \$44,149 | \$45,121 | \$45,743 | \$45,171 | \$45,531 | \$45,222 | \$48,239 | \$48,288 | \$47,317 | \$44,334 | 0.4% |
| 331 | Primary metals | \$45,894 | \$48,130 | \$48,192 | \$43,172 | \$44,123 | \$42,315 | \$48,800 | \$44,143 | \$42,173 | \$41,059 | -10.5% |
| 332 | Fabricated metal products | \$114,384 | \$114,862 | \$121,686 | \$109,444 | \$104,382 | \$104,553 | \$110,400 | \$113,121 | \$120,030 | \$123,400 | 7.9% |
| 333 | Machinery | \$113,799 | \$104,960 | \$109,296 | \$100,402 | \$93,306 | \$91,617 | \$103,650 | \$109,599 | \$116,890 | \$120,976 | 6.3% |
| 334 | Computer & electronic products | \$96,264 | \$125,407 | \$185,563 | \$181,894 | \$185,757 | \$214,559 | \$248,911 | \$304,359 | \$380,331 | \$456,022 | 373.7% |
| 335 | Electrical equipment & appliances | \$44,573 | \$48,017 | \$50,580 | \$48,495 | \$48,839 | \$50,119 | \$46,608 | \$46,121 | \$51,833 | \$51,674 | 15.9% |
| 336 | Transportation equipment | \$180,083 | \$182,019 | \$182,544 | \$169,816 | \$191,740 | \$192,425 | \$186,781 | \$196,279 | \$219,741 | \$232,887 | 29.3% |
| 3361-3 | Motor vehicles, bodies, trailers & parts | \$111,774 | \$114,607 | \$118,105 | \$104,597 | \$127,512 | \$136,971 | \$125,433 | \$128,565 | \$148,176 | \$155,200 | 38.9% |
| 3364-9 | Other transportation equipment | \$68,309 | \$67,412 | \$64,439 | \$65,219 | \$64,228 | \$55,454 | \$61,348 | \$67,714 | \$71,565 | \$77,687 | 13.7% |
| 337 | Furniture & related products | \$30,208 | \$31,487 | \$32,712 | \$29,078 | \$29,193 | \$31,416 | \$30,450 | \$32,768 | \$33,843 | \$31,786 | 5.2% |
| 339 | Miscellaneous mfg. | \$50,388 | \$52,056 | \$57,514 | \$55,251 | \$56,383 | \$59,104 | \$64,559 | \$66,159 | \$69,116 | \$70,816 | 40.5% |
| 31 & 32p | Nondurable goods ¹ | \$559,614 | \$568,228 | \$560,950 | \$533,096 | \$555,657 | \$551,218 | \$580,406 | \$551,369 | \$563,125 | \$565,545 | 1.1% |
| 311-2 | Food products | \$153,108 | \$155,057 | \$154,809 | \$156,012 | \$153,684 | \$151,442 | \$149,438 | \$145,950 | \$152,589 | \$166,249 | 8.6% |
| 313-4 | Textile & textile product mills | \$26,262 | \$25,561 | \$26,453 | \$21,548 | \$21,375 | \$23,581 | \$23,219 | \$23,512 | \$21,301 | \$19,769 | -24.7% |
| 315 | Apparel | \$26,378 | \$24,392 | \$25,052 | \$22,716 | \$21,120 | \$18,487 | \$17,848 | \$17,786 | \$17,432 | \$16,674 | -36.8% |
| 322 | Paper | \$60,013 | \$61,016 | \$55,594 | \$48,784 | \$50,835 | \$52,107 | \$53,996 | \$53,137 | \$57,640 | \$51,094 | -14.9% |
| 323 | Printing & related support activities | \$47,737 | \$48,488 | \$49,009 | \$45,271 | \$43,522 | \$43,459 | \$44,496 | \$45,453 | \$46,203 | \$47,018 | -1.5% |
| 324 | Petroleum & coal products | \$36,471 | \$33,470 | \$26,248 | \$23,939 | \$32,494 | \$30,690 | \$39,699 | \$30,120 | \$26,314 | \$21,713 | -40.5% |
| 325 | Chemical | \$149,755 | \$157,095 | \$157,057 | \$153,090 | \$170,484 | \$169,560 | \$182,577 | \$172,312 | \$191,320 | \$197,625 | 32.0% |
| 326 | Plastics & rubber products | \$62,423 | \$64,662 | \$66,728 | \$61,420 | \$62,874 | \$62,959 | \$68,314 | \$66,861 | \$58,515 | \$60,680 | -2.8% |
| 42 | Wholesale trade | \$564,655 | \$594,132 | \$591,687 | \$633,123 | \$639,370 | \$653,105 | \$666,322 | \$688,007 | \$692,156 | \$698,004 | 23.6% |
| 44-45 | Retail trade | \$598,829 | \$633,853 | \$662,430 | \$708,602 | \$723,996 | \$752,246 | \$771,948 | \$840,778 | \$887,545 | \$927,914 | 55.0% |
| 48-49p | Transportation & warehousing ² | \$275,845 | \$287,449 | \$301,622 | \$293,641 | \$300,207 | \$306,250 | \$334,136 | \$347,628 | \$354,790 | \$363,732 | 31.9% |
| 481 | Air transportation | \$48,680 | \$52,877 | \$57,678 | \$57,027 | \$62,766 | \$67,172 | \$75,544 | \$81,267 | \$81,532 | \$90,256 | 85.4% |
| 482 | Rail transportation | \$24,418 | \$24,804 | \$25,530 | \$24,776 | \$24,448 | \$25,674 | \$26,072 | \$27,387 | \$28,749 | \$28,690 | 17.5% |
| 483 | Water transportation | \$7,005 | \$6,367 | \$7,222 | \$6,842 | \$5,624 | \$5,355 | \$6,056 | \$6,034 | \$7,188 | \$7,984 | 14.0% |
| 484 | Truck transportation | \$90,953 | \$91,923 | \$92,821 | \$87,934 | \$87,510 | \$88,858 | \$97,349 | \$101,008 | \$101,841 | \$105,335 | 15.8% |
| 485 | Transit & ground passenger transportation | \$14,274 | \$14,732 | \$14,457 | \$14,481 | \$14,620 | \$14,317 | \$15,378 | \$15,041 | \$14,870 | \$15,356 | 7.6% |
| 486 | Pipeline transportation | \$6,950 | \$7,738 | \$8,718 | \$8,339 | \$9,612 | \$9,291 | \$10,586 | \$11,579 | \$11,491 | \$11,610 | 67.1% |
| 487-8, 492 | Other transportation & support activities | \$62,594 | \$66,172 | \$70,225 | \$69,376 | \$70,587 | \$70,285 | \$77,417 | \$77,217 | \$78,982 | \$76,674 | 22.5% |
| 493 | Warehousing & storage | \$21,975 | \$23,444 | \$24,971 | \$24,392 | \$25,631 | \$26,943 | \$28,287 | \$32,360 | \$33,350 | \$34,670 | 57.8% |
| 51 | Information | \$376,962 | \$437,528 | \$458,304 | \$476,793 | \$487,009 | \$501,522 | \$560,146 | \$608,999 | \$625,600 | \$676,190 | 79.4% |
| 511 | Publishing including software | \$100,827 | \$121,159 | \$116,733 | \$115,688 | \$115,418 | \$123,817 | \$136,341 | \$150,057 | \$139,237 | \$144,432 | 43.2% |
| 512 | Motion picture & sound recording industries | \$29,357 | \$32,264 | \$32,525 | \$31,876 | \$35,793 | \$36,142 | \$36,819 | \$35,354 | \$35,170 | \$36,876 | 25.6% |
| 513 | Broadcasting & telecommunications | \$217,315 | \$248,295 | \$271,301 | \$289,116 | \$291,824 | \$294,375 | \$330,222 | \$361,762 | \$383,498 | \$410,829 | 89.0% |
| 514 | Information & data processing svcs. | \$29,785 | \$36,225 | \$37,746 | \$40,205 | \$43,691 | \$46,481 | \$56,136 | \$62,211 | \$69,813 | \$87,598 | 194.1% |

Table A9: U.S. Gross Domestic Product by Industry, 1998-2007 (in millions of chained 2000 dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | | Percent Change 1998-2007 |
|---------------------|---|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|--------------------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r | |
| 52 | Finance & insurance | \$634,611 | \$678,143 | \$740,488 | \$772,833 | \$789,961 | \$817,876 | \$826,490 | \$889,877 | \$945,600 | \$946,085 | 49.1% |
| 521-2 | Federal Reserve, credit intermediation, etc. | \$305,769 | \$328,422 | \$319,025 | \$345,930 | \$381,172 | \$398,738 | \$399,399 | \$428,305 | \$433,435 | \$412,380 | 34.9% |
| 523 | Securities, commodity contracts, investments | \$92,120 | \$113,619 | \$167,713 | \$186,356 | \$169,752 | \$178,170 | \$190,624 | \$230,722 | \$269,242 | \$291,754 | 216.7% |
| 524 | Insurance carriers & related activities | \$227,952 | \$224,064 | \$238,264 | \$228,892 | \$224,737 | \$224,455 | \$219,164 | \$221,390 | \$244,156 | \$253,791 | 11.3% |
| 525 | Funds, trusts & other financial vehicles | \$25,716 | \$20,409 | \$15,486 | \$12,565 | \$11,975 | \$14,064 | \$17,360 | \$18,059 | \$15,251 | \$11,828 | -54.0% |
| 53 | Real estate, rental & leasing | \$1,108,620 | \$1,156,980 | \$1,190,460 | \$1,232,580 | \$1,233,880 | \$1,254,310 | \$1,305,950 | \$1,332,660 | \$1,368,660 | \$1,414,080 | 27.6% |
| 531 | Real estate | \$1,010,070 | \$1,051,360 | \$1,082,120 | \$1,125,690 | \$1,129,340 | \$1,151,970 | \$1,207,690 | \$1,233,400 | \$1,257,550 | \$1,299,710 | 28.7% |
| 532-3 | Rental & leasing svcs., leasing intangible assets | \$98,563 | \$105,592 | \$108,345 | \$106,816 | \$104,328 | \$101,806 | \$97,202 | \$98,138 | \$110,265 | \$113,480 | 15.1% |
| 54 | Professional & technical svcs. | \$585,863 | \$623,894 | \$675,122 | \$679,057 | \$668,771 | \$695,309 | \$749,984 | \$791,593 | \$837,285 | \$896,532 | 53.0% |
| 5411 | Legal svcs. | \$129,660 | \$132,603 | \$136,126 | \$137,688 | \$132,564 | \$135,082 | \$139,375 | \$140,042 | \$137,843 | \$135,411 | 4.4% |
| 5415 | Computer systems design & related svcs. | \$99,725 | \$112,424 | \$125,744 | \$125,273 | \$127,597 | \$127,256 | \$133,239 | \$142,020 | \$157,944 | \$174,045 | 74.5% |
| 5412-4, 6-9 | Other professional, scientific & technical svcs. | \$356,568 | \$378,963 | \$413,251 | \$416,064 | \$408,827 | \$433,030 | \$477,919 | \$511,543 | \$546,832 | \$597,057 | 67.4% |
| 55 | Management of companies & enterprises | \$184,040 | \$185,587 | \$183,354 | \$179,923 | \$185,334 | \$190,528 | \$181,333 | \$185,970 | \$183,338 | \$179,325 | -2.6% |
| 56 | Administrative & waste svcs. | \$281,005 | \$296,887 | \$282,373 | \$274,423 | \$277,739 | \$295,512 | \$298,762 | \$320,933 | \$324,270 | \$330,931 | 17.8% |
| 561 | Administrative & support svcs. | \$258,839 | \$272,314 | \$257,207 | \$250,206 | \$253,233 | \$269,109 | \$273,008 | \$291,981 | \$297,238 | \$303,517 | 17.3% |
| 562 | Waste management & remediation svcs. | \$22,326 | \$24,647 | \$25,166 | \$24,215 | \$24,506 | \$26,395 | \$25,799 | \$28,963 | \$27,031 | \$27,410 | 22.8% |
| 61 | Educational svcs. | \$75,627 | \$77,139 | \$79,239 | \$79,108 | \$81,171 | \$84,038 | \$85,719 | \$85,483 | \$86,983 | \$89,800 | 18.7% |
| 62 | Health care & social assistance | \$572,975 | \$583,006 | \$599,197 | \$620,972 | \$648,411 | \$677,678 | \$701,136 | \$723,938 | \$748,488 | \$763,068 | 33.2% |
| 621 | Ambulatory health care svcs. | \$289,376 | \$295,220 | \$307,624 | \$325,447 | \$343,133 | \$359,022 | \$370,161 | \$392,116 | \$413,369 | \$423,470 | 46.3% |
| 622-3 | Hospitals & nursing & residential care facilities | \$236,010 | \$237,614 | \$238,552 | \$239,783 | \$245,615 | \$255,346 | \$264,660 | \$262,116 | \$263,803 | \$265,440 | 12.5% |
| 624 | Social assistance | \$47,683 | \$50,239 | \$53,022 | \$55,867 | \$60,074 | \$63,877 | \$66,863 | \$72,072 | \$75,083 | \$78,827 | 65.3% |
| 71 | Arts, entertainment & recreation | \$84,691 | \$87,884 | \$88,676 | \$91,464 | \$94,691 | \$96,501 | \$99,411 | \$100,187 | \$104,297 | \$106,232 | 25.4% |
| 711-2 | Performing arts, museums & related activities | \$39,414 | \$40,169 | \$40,012 | \$40,631 | \$42,951 | \$43,932 | \$44,889 | \$44,187 | \$46,215 | \$46,302 | 17.5% |
| 713 | Amusements, gambling & recreation | \$45,313 | \$47,722 | \$48,664 | \$50,835 | \$51,734 | \$52,558 | \$54,526 | \$56,071 | \$58,138 | \$60,063 | 32.6% |
| 72 | Accommodation & food svcs. | \$242,495 | \$251,175 | \$261,443 | \$256,161 | \$258,982 | \$268,093 | \$279,119 | \$286,249 | \$295,412 | \$300,364 | 23.9% |
| 721 | Accommodation | \$83,775 | \$87,056 | \$90,672 | \$85,363 | \$86,683 | \$87,120 | \$89,659 | \$91,557 | \$94,639 | \$95,349 | 13.8% |
| 722 | Food services & drinking places | \$158,716 | \$164,119 | \$170,771 | \$170,768 | \$172,285 | \$180,787 | \$189,214 | \$194,430 | \$200,505 | \$204,738 | 29.0% |
| 81 | Other svcs., except government | \$233,400 | \$229,656 | \$229,109 | \$225,302 | \$226,057 | \$230,521 | \$230,875 | \$235,472 | \$234,567 | \$235,426 | 0.9% |
| 92 | Government | \$1,100,170 | \$1,113,470 | \$1,134,820 | \$1,146,460 | \$1,166,230 | \$1,177,390 | \$1,179,710 | \$1,184,450 | \$1,191,320 | \$1,207,330 | 9.7% |
| 92a & b | Federal government | \$310,157 | \$307,744 | \$310,885 | \$306,681 | \$313,766 | \$318,280 | \$318,515 | \$315,802 | \$315,873 | \$317,607 | 2.4% |
| 92a | Civilian ² | \$217,167 | \$215,542 | \$217,540 | \$212,518 | \$215,736 | \$215,319 | \$214,183 | \$211,440 | \$213,682 | \$215,657 | -0.7% |
| 92b | Military | \$92,990 | \$92,202 | \$93,345 | \$94,163 | \$98,030 | \$102,961 | \$104,332 | \$104,362 | \$102,191 | \$101,950 | 9.6% |
| 92c | State & local | \$790,114 | \$805,743 | \$823,931 | \$839,726 | \$852,365 | \$858,789 | \$860,809 | \$868,480 | \$875,698 | \$890,319 | 12.7% |

Notes: * - components may not sum to totals due to rounding and/or different inflators and deflators used for different industries; P - preliminary; 1 - leather and allied products included by not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

Abbreviations used: etc. - related services; mfg. - manufacturing; p - part; svcs. - services.

Source: U.S. Bureau Economic Analysis (2009).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 7/09).

Table A10: Percentage Distribution of U.S. Gross Domestic Product by Industry, 1998-2007 (based on chained 2000 dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | | Difference 1998-2007 | |
|------------------|---|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------------------|----------------------|--------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r | | |
| 11-92 | All Industries* | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 0.00% |
| 11-81 | Private industries | 87.69% | 88.10% | 88.36% | 88.37% | 88.33% | 88.51% | 88.91% | 89.26% | 89.52% | 89.61% | 89.61% | 1.92% |
| 11 | Agriculture, forestry, fishing & hunting | 0.94% | 0.93% | 1.01% | 0.93% | 0.97% | 1.02% | 1.05% | 1.10% | 1.02% | 1.07% | 1.07% | 0.13% |
| 111-2 | Crop & animal production (farms) | 0.68% | 0.67% | 0.73% | 0.67% | 0.70% | 0.74% | 0.78% | 0.82% | 0.74% | 0.80% | 0.80% | 0.12% |
| 113-5 | Forestry, fishing & related activities | 0.25% | 0.26% | 0.27% | 0.27% | 0.27% | 0.27% | 0.27% | 0.28% | 0.27% | 0.26% | 0.26% | 0.00% |
| 21 | Mining | 1.37% | 1.35% | 1.24% | 1.17% | 1.08% | 1.04% | 1.02% | 0.95% | 0.99% | 0.97% | 0.97% | -0.40% |
| 211 | Oil & gas extraction | 1.01% | 0.97% | 0.83% | 0.79% | 0.82% | 0.76% | 0.72% | 0.64% | 0.64% | 0.61% | 0.61% | -0.40% |
| 212 | Mining, except oil & gas | 0.27% | 0.28% | 0.28% | 0.26% | 0.24% | 0.23% | 0.23% | 0.23% | 0.23% | 0.22% | 0.22% | -0.06% |
| 213 | Support activities for mining | 0.13% | 0.12% | 0.14% | 0.12% | 0.07% | 0.08% | 0.09% | 0.09% | 0.12% | 0.13% | 0.13% | 0.00% |
| 22 | Utilities | 1.90% | 1.91% | 1.94% | 1.83% | 1.88% | 1.96% | 2.01% | 1.83% | 1.80% | 1.79% | 1.79% | -0.12% |
| 23 | Construction | 4.70% | 4.61% | 4.47% | 4.44% | 4.29% | 4.10% | 3.97% | 3.83% | 3.58% | 3.12% | 3.12% | -1.58% |
| 31-33 | Manufacturing | 14.28% | 14.27% | 14.63% | 13.69% | 13.87% | 13.69% | 13.97% | 13.66% | 14.02% | 14.15% | 14.15% | -0.13% |
| 32p & 33 | Durable goods | 8.11% | 8.25% | 8.88% | 8.27% | 8.29% | 8.31% | 8.49% | 8.69% | 9.14% | 9.39% | 9.39% | 1.29% |
| 321 | Wood products | 0.33% | 0.32% | 0.32% | 0.31% | 0.30% | 0.30% | 0.29% | 0.29% | 0.27% | 0.28% | 0.28% | -0.06% |
| 327 | Nonmetallic mineral products | 0.49% | 0.48% | 0.47% | 0.46% | 0.46% | 0.44% | 0.46% | 0.44% | 0.42% | 0.39% | 0.39% | -0.10% |
| 331 | Primary metals | 0.51% | 0.51% | 0.49% | 0.44% | 0.44% | 0.41% | 0.46% | 0.40% | 0.38% | 0.36% | 0.36% | -0.15% |
| 332 | Fabricated metal products | 1.27% | 1.22% | 1.25% | 1.11% | 1.05% | 1.02% | 1.04% | 1.04% | 1.07% | 1.08% | 1.08% | -0.19% |
| 333 | Machinery | 1.26% | 1.12% | 1.12% | 1.02% | 0.93% | 0.90% | 0.98% | 1.00% | 1.04% | 1.06% | 1.06% | -0.21% |
| 334 | Computer & electronic products | 1.07% | 1.33% | 1.90% | 1.85% | 1.86% | 2.10% | 2.35% | 2.79% | 3.39% | 3.99% | 3.99% | 2.92% |
| 335 | Electrical equipment & appliances | 0.49% | 0.51% | 0.52% | 0.49% | 0.49% | 0.49% | 0.44% | 0.42% | 0.46% | 0.45% | 0.45% | -0.04% |
| 336 | Transportation equipment | 2.00% | 1.94% | 1.87% | 1.73% | 1.92% | 1.88% | 1.77% | 1.80% | 1.96% | 2.04% | 2.04% | 0.04% |
| 3361-3 | Motor vehicles, bodies, trailers & parts | 1.24% | 1.22% | 1.21% | 1.06% | 1.28% | 1.34% | 1.19% | 1.18% | 1.32% | 1.36% | 1.36% | 0.12% |
| 3364-9 | Other transportation equipment | 0.76% | 0.72% | 0.66% | 0.66% | 0.64% | 0.54% | 0.58% | 0.62% | 0.64% | 0.68% | 0.68% | -0.08% |
| 337 | Furniture & related products | 0.34% | 0.33% | 0.34% | 0.30% | 0.29% | 0.31% | 0.29% | 0.30% | 0.30% | 0.28% | 0.28% | -0.06% |
| 339 | Miscellaneous mfg. | 0.56% | 0.55% | 0.59% | 0.56% | 0.56% | 0.58% | 0.61% | 0.61% | 0.62% | 0.62% | 0.62% | 0.06% |
| 31 & 32p | Nondurable goods ¹ | 6.21% | 6.04% | 5.75% | 5.42% | 5.57% | 5.39% | 5.49% | 5.05% | 5.02% | 4.94% | 4.94% | -1.27% |
| 311-2 | Food products | 1.70% | 1.65% | 1.59% | 1.59% | 1.54% | 1.48% | 1.41% | 1.34% | 1.36% | 1.45% | 1.45% | -0.25% |
| 313-4 | Textile & textile product mills | 0.29% | 0.27% | 0.27% | 0.22% | 0.21% | 0.23% | 0.22% | 0.22% | 0.19% | 0.17% | 0.17% | -0.12% |
| 315 | Apparel | 0.29% | 0.26% | 0.26% | 0.23% | 0.21% | 0.18% | 0.17% | 0.16% | 0.16% | 0.15% | 0.15% | -0.15% |
| 322 | Paper | 0.67% | 0.65% | 0.57% | 0.50% | 0.51% | 0.51% | 0.51% | 0.49% | 0.51% | 0.45% | 0.45% | -0.22% |
| 323 | Printing & related support activities | 0.53% | 0.52% | 0.50% | 0.46% | 0.44% | 0.42% | 0.42% | 0.42% | 0.41% | 0.41% | 0.41% | -0.12% |
| 324 | Petroleum & coal products | 0.41% | 0.36% | 0.27% | 0.24% | 0.33% | 0.30% | 0.38% | 0.28% | 0.23% | 0.19% | 0.19% | -0.22% |
| 325 | Chemical | 1.66% | 1.67% | 1.61% | 1.56% | 1.71% | 1.66% | 1.73% | 1.58% | 1.71% | 1.73% | 1.73% | 0.06% |
| 326 | Plastics & rubber products | 0.69% | 0.69% | 0.68% | 0.62% | 0.63% | 0.62% | 0.65% | 0.61% | 0.52% | 0.53% | 0.53% | -0.16% |
| 42 | Wholesale trade | 6.27% | 6.32% | 6.07% | 6.44% | 6.41% | 6.39% | 6.30% | 6.30% | 6.17% | 6.10% | 6.10% | -0.17% |
| 44-45 | Retail trade | 6.65% | 6.74% | 6.79% | 7.20% | 7.25% | 7.36% | 7.30% | 7.70% | 7.91% | 8.11% | 8.11% | 1.46% |
| 48-49p | Transportation & warehousing ² | 3.06% | 3.06% | 3.09% | 2.99% | 3.01% | 2.99% | 3.16% | 3.19% | 3.16% | 3.18% | 3.18% | 0.12% |
| 481 | Air transportation | 0.54% | 0.56% | 0.59% | 0.58% | 0.63% | 0.66% | 0.71% | 0.74% | 0.73% | 0.79% | 0.79% | 0.25% |
| 482 | Rail transportation | 0.27% | 0.26% | 0.26% | 0.25% | 0.24% | 0.25% | 0.25% | 0.25% | 0.26% | 0.25% | 0.25% | -0.02% |
| 483 | Water transportation | 0.08% | 0.07% | 0.07% | 0.07% | 0.06% | 0.05% | 0.06% | 0.06% | 0.06% | 0.07% | 0.07% | -0.01% |
| 484 | Truck transportation | 1.01% | 0.98% | 0.95% | 0.89% | 0.88% | 0.87% | 0.92% | 0.93% | 0.91% | 0.92% | 0.92% | -0.09% |
| 485 | Transit & ground passenger transportation | 0.16% | 0.16% | 0.15% | 0.15% | 0.15% | 0.14% | 0.15% | 0.14% | 0.13% | 0.13% | 0.13% | -0.02% |
| 486 | Pipeline transportation | 0.08% | 0.08% | 0.09% | 0.08% | 0.10% | 0.09% | 0.10% | 0.11% | 0.10% | 0.10% | 0.10% | 0.02% |
| 487-8, 492 | Other transportation & support activities | 0.70% | 0.70% | 0.72% | 0.71% | 0.71% | 0.69% | 0.73% | 0.71% | 0.70% | 0.67% | 0.67% | -0.02% |
| 493 | Warehousing & storage | 0.24% | 0.25% | 0.26% | 0.25% | 0.26% | 0.26% | 0.27% | 0.30% | 0.30% | 0.30% | 0.30% | 0.06% |
| 51 | Information | 4.19% | 4.65% | 4.70% | 4.85% | 4.88% | 4.90% | 5.29% | 5.58% | 5.58% | 5.91% | 5.91% | 1.72% |
| 511 | Publishing including software | 1.12% | 1.29% | 1.20% | 1.18% | 1.16% | 1.21% | 1.29% | 1.38% | 1.24% | 1.26% | 1.26% | 0.14% |
| 512 | Motion picture & sound recording industries | 0.33% | 0.34% | 0.33% | 0.32% | 0.36% | 0.35% | 0.35% | 0.32% | 0.31% | 0.32% | 0.32% | 0.00% |
| 513 | Broadcasting & telecommunications | 2.41% | 2.64% | 2.78% | 2.94% | 2.92% | 2.88% | 3.12% | 3.32% | 3.42% | 3.59% | 3.59% | 1.18% |
| 514 | Information & data processing svcs. | 0.33% | 0.39% | 0.39% | 0.41% | 0.44% | 0.45% | 0.53% | 0.57% | 0.62% | 0.77% | 0.77% | 0.43% |

Table A10: Percentage Distribution of U.S. Gross Domestic Product by Industry, 1998-2007 (based on chained 2000 dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | | Difference 1998-2007 |
|---------------------|---|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|-------------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r | |
| 52 | Finance & insurance | 7.05% | 7.21% | 7.60% | 7.86% | 7.91% | 8.00% | 7.81% | 8.15% | 8.43% | 8.27% | 1.22% |
| 521-2 | Federal Reserve, credit intermediation, etc. | 3.40% | 3.49% | 3.27% | 3.52% | 3.82% | 3.90% | 3.77% | 3.93% | 3.86% | 3.60% | 0.21% |
| 523 | Securities, commodity contracts, investments | 1.02% | 1.21% | 1.72% | 1.89% | 1.70% | 1.74% | 1.80% | 2.11% | 2.40% | 2.55% | 1.53% |
| 524 | Insurance carriers & related activities | 2.53% | 2.38% | 2.44% | 2.33% | 2.25% | 2.20% | 2.07% | 2.03% | 2.18% | 2.22% | -0.31% |
| 525 | Funds, trusts & other financial vehicles | 0.29% | 0.22% | 0.16% | 0.13% | 0.12% | 0.14% | 0.16% | 0.17% | 0.14% | 0.10% | -0.18% |
| 53 | Real estate, rental & leasing | 12.31% | 12.30% | 12.21% | 12.53% | 12.36% | 12.27% | 12.34% | 12.21% | 12.20% | 12.36% | 0.05% |
| 531 | Real estate | 11.22% | 11.18% | 11.10% | 11.44% | 11.31% | 11.27% | 11.41% | 11.30% | 11.21% | 11.36% | 0.14% |
| 532-3 | Rental & leasing svcs., leasing intangible assets | 1.09% | 1.12% | 1.11% | 1.09% | 1.05% | 1.00% | 0.92% | 0.90% | 0.98% | 0.99% | -0.10% |
| 54 | Professional & technical svcs. | 6.51% | 6.63% | 6.92% | 6.90% | 6.70% | 6.80% | 7.09% | 7.25% | 7.46% | 7.84% | 1.33% |
| 5411 | Legal svcs. | 1.44% | 1.41% | 1.40% | 1.40% | 1.33% | 1.32% | 1.32% | 1.28% | 1.23% | 1.18% | -0.26% |
| 5415 | Computer systems design & related svcs. | 1.11% | 1.20% | 1.29% | 1.27% | 1.28% | 1.24% | 1.26% | 1.30% | 1.41% | 1.52% | 0.41% |
| 5412-4, 6-9 | Other professional, scientific & technical svcs. | 3.96% | 4.03% | 4.24% | 4.23% | 4.10% | 4.23% | 4.52% | 4.69% | 4.87% | 5.22% | 1.26% |
| 55 | Management of companies & enterprises | 2.04% | 1.97% | 1.88% | 1.83% | 1.86% | 1.86% | 1.71% | 1.70% | 1.63% | 1.57% | -0.48% |
| 56 | Administrative & waste svcs. | 3.12% | 3.16% | 2.90% | 2.79% | 2.78% | 2.89% | 2.82% | 2.94% | 2.89% | 2.89% | -0.23% |
| 561 | Administrative & support svcs. | 2.87% | 2.90% | 2.64% | 2.54% | 2.54% | 2.63% | 2.58% | 2.68% | 2.65% | 2.65% | -0.22% |
| 562 | Waste management & remediation svcs. | 0.25% | 0.26% | 0.26% | 0.25% | 0.25% | 0.26% | 0.24% | 0.27% | 0.24% | 0.24% | -0.01% |
| 61 | Educational svcs. | 0.84% | 0.82% | 0.81% | 0.80% | 0.81% | 0.82% | 0.81% | 0.78% | 0.78% | 0.79% | -0.05% |
| 62 | Health care & social assistance | 6.36% | 6.20% | 6.15% | 6.31% | 6.50% | 6.63% | 6.63% | 6.63% | 6.67% | 6.67% | 0.31% |
| 621 | Ambulatory health care svcs. | 3.21% | 3.14% | 3.16% | 3.31% | 3.44% | 3.51% | 3.50% | 3.59% | 3.68% | 3.70% | 0.49% |
| 622-3 | Hospitals & nursing & residential care facilities | 2.62% | 2.53% | 2.45% | 2.44% | 2.46% | 2.50% | 2.50% | 2.40% | 2.35% | 2.32% | -0.30% |
| 624 | Social assistance | 0.53% | 0.53% | 0.54% | 0.57% | 0.60% | 0.62% | 0.63% | 0.66% | 0.67% | 0.69% | 0.16% |
| 71 | Arts, entertainment & recreation | 0.94% | 0.93% | 0.91% | 0.93% | 0.95% | 0.94% | 0.94% | 0.92% | 0.93% | 0.93% | -0.01% |
| 711-2 | Performing arts, museums & related activities | 0.44% | 0.43% | 0.41% | 0.41% | 0.43% | 0.43% | 0.42% | 0.40% | 0.41% | 0.40% | -0.03% |
| 713 | Amusements, gambling & recreation | 0.50% | 0.51% | 0.50% | 0.52% | 0.52% | 0.51% | 0.52% | 0.51% | 0.52% | 0.53% | 0.02% |
| 72 | Accommodation & food svcs. | 2.69% | 2.67% | 2.68% | 2.60% | 2.59% | 2.62% | 2.64% | 2.62% | 2.63% | 2.63% | -0.07% |
| 721 | Accommodation | 0.93% | 0.93% | 0.93% | 0.87% | 0.87% | 0.85% | 0.85% | 0.84% | 0.84% | 0.83% | -0.10% |
| 722 | Food services & drinking places | 1.76% | 1.75% | 1.75% | 1.74% | 1.73% | 1.77% | 1.79% | 1.78% | 1.79% | 1.79% | 0.03% |
| 81 | Other svcs., except government | 2.59% | 2.44% | 2.35% | 2.29% | 2.26% | 2.25% | 2.18% | 2.16% | 2.09% | 2.06% | -0.53% |
| 92 | Government | 12.22% | 11.84% | 11.64% | 11.66% | 11.68% | 11.51% | 11.15% | 10.85% | 10.62% | 10.55% | -1.66% |
| 92a & b | Federal government | 3.44% | 3.27% | 3.19% | 3.12% | 3.14% | 3.11% | 3.01% | 2.89% | 2.82% | 2.78% | -0.67% |
| 92a | Civilian ¹ | 2.41% | 2.29% | 2.23% | 2.16% | 2.16% | 2.11% | 2.02% | 1.94% | 1.90% | 1.89% | -0.53% |
| 92b | Military | 1.03% | 0.98% | 0.96% | 0.96% | 0.98% | 1.01% | 0.99% | 0.96% | 0.91% | 0.89% | -0.14% |
| 92c | State & local | 8.77% | 8.57% | 8.45% | 8.54% | 8.54% | 8.40% | 8.14% | 7.96% | 7.81% | 7.78% | -0.99% |

Notes: * - components may not sum to totals due to rounding and/or different inflators and deflators used for different industries; P - preliminary; 1 - leather and allied products included by not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

Abbreviations used: etc. - related services; mfg. - manufacturing; p - part; svcs. - services.

Source: U.S. Bureau Economic Analysis (2009).

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Table A11: Concentration Ratio of Ohio::U.S. Gross Domestic Product by Industry, 1998-2007 (based on chained 2000 dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | | Difference 1998-2007 | |
|---------------------|---|------------------------|------|------|------|------|------|------|------|------|-------------------|-------------------------|-------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ¹ | | |
| 11-92 | All Industries | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.00 |
| 11-81 | Private industries | 1.02 | 1.02 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | 1.01 | -0.01 |
| 11 | Agriculture, forestry, fishing & hunting | 0.53 | 0.41 | 0.49 | 0.47 | 0.42 | 0.46 | 0.50 | 0.47 | 0.54 | 0.57 | 0.57 | 0.04 |
| 111-2 | Crop & animal production (farms) | 0.63 | 0.46 | 0.55 | 0.54 | 0.48 | 0.53 | 0.57 | 0.54 | 0.62 | 0.65 | 0.65 | 0.03 |
| 113-5 | Forestry, fishing & related activities | 0.24 | 0.28 | 0.30 | 0.29 | 0.27 | 0.28 | 0.29 | 0.30 | 0.30 | 0.31 | 0.31 | 0.07 |
| 21 | Mining | 0.29 | 0.30 | 0.32 | 0.31 | 0.34 | 0.32 | 0.31 | 0.30 | 0.28 | 0.27 | 0.27 | -0.03 |
| 211 | Oil & gas extraction | 0.19 | 0.18 | 0.16 | 0.17 | 0.24 | 0.20 | 0.20 | 0.19 | 0.19 | 0.18 | 0.18 | 0.00 |
| 212 | Mining, except oil & gas | 0.79 | 0.78 | 0.90 | 0.81 | 0.72 | 0.75 | 0.74 | 0.68 | 0.65 | 0.63 | 0.63 | -0.15 |
| 213 | Support activities for mining | 0.15 | 0.16 | 0.14 | 0.13 | 0.16 | 0.16 | 0.16 | 0.13 | 0.11 | 0.11 | 0.11 | -0.04 |
| 22 | Utilities | 1.05 | 1.05 | 1.04 | 1.11 | 1.05 | 0.99 | 0.97 | 0.96 | 1.01 | 1.02 | 1.02 | -0.03 |
| 23 | Construction | 0.94 | 0.95 | 0.94 | 0.90 | 0.88 | 0.87 | 0.86 | 0.83 | 0.82 | 0.83 | 0.83 | -0.11 |
| 31-33 | Manufacturing | 1.64 | 1.58 | 1.54 | 1.52 | 1.56 | 1.53 | 1.54 | 1.54 | 1.52 | 1.51 | 1.51 | -0.13 |
| 32p & 33 | Durable goods | 2.00 | 1.88 | 1.82 | 1.73 | 1.76 | 1.72 | 1.73 | 1.71 | 1.67 | 1.63 | 1.63 | -0.37 |
| 321 | Wood products | 0.94 | 0.89 | 0.98 | 0.94 | 1.01 | 0.76 | 0.95 | 0.87 | 0.88 | 0.92 | 0.92 | -0.01 |
| 327 | Nonmetallic mineral products | 1.99 | 1.96 | 2.00 | 1.87 | 1.97 | 1.91 | 1.69 | 1.54 | 1.51 | 1.48 | 1.48 | -0.51 |
| 331 | Primary metals | 4.20 | 3.81 | 3.63 | 3.32 | 2.92 | 2.76 | 2.89 | 3.43 | 3.11 | 3.06 | 3.06 | -1.14 |
| 332 | Fabricated metal products | 2.14 | 2.21 | 2.24 | 2.18 | 2.23 | 2.35 | 2.33 | 2.33 | 2.44 | 2.47 | 2.47 | 0.33 |
| 333 | Machinery | 1.73 | 1.65 | 1.57 | 1.62 | 1.56 | 1.64 | 1.64 | 1.74 | 1.64 | 1.59 | 1.59 | -0.14 |
| 334 | Computer & electronic products | 0.52 | 0.50 | 0.43 | 0.44 | 0.35 | 0.32 | 0.37 | 0.44 | 0.42 | 0.47 | 0.47 | -0.05 |
| 335 | Electrical equipment & appliances | 1.95 | 2.16 | 2.30 | 2.31 | 2.40 | 2.88 | 2.67 | 2.74 | 2.32 | 2.38 | 2.38 | 0.43 |
| 336 | Transportation equipment | 2.76 | 2.67 | 2.98 | 2.81 | 2.89 | 2.79 | 3.06 | 2.98 | 3.12 | 3.03 | 3.03 | 0.26 |
| 3361-3 | Motor vehicles, bodies, trailers & parts | 3.77 | 3.50 | 3.72 | 3.61 | 3.65 | 3.34 | 3.84 | 3.80 | 3.89 | 3.77 | 3.77 | 0.00 |
| 3364-9 | Other transportation equipment | 1.12 | 1.26 | 1.61 | 1.51 | 1.39 | 1.43 | 1.47 | 1.44 | 1.54 | 1.54 | 1.54 | 0.42 |
| 337 | Furniture & related products | 1.13 | 1.17 | 1.16 | 1.22 | 1.30 | 1.31 | 1.27 | 1.32 | 1.27 | 1.37 | 1.37 | 0.24 |
| 339 | Miscellaneous mfg. | 0.96 | 0.92 | 0.91 | 0.87 | 0.91 | 0.81 | 0.84 | 0.80 | 0.83 | 0.76 | 0.76 | -0.20 |
| 31 & 32p | Nondurable goods ¹ | 1.15 | 1.16 | 1.12 | 1.19 | 1.25 | 1.23 | 1.24 | 1.22 | 1.23 | 1.23 | 1.23 | 0.08 |
| 311-2 | Food products | 1.16 | 1.11 | 1.06 | 1.17 | 1.22 | 1.14 | 1.20 | 1.13 | 1.19 | 1.21 | 1.21 | 0.05 |
| 313-4 | Textile & textile product mills | 0.36 | 0.42 | 0.45 | 0.50 | 0.47 | 0.47 | 0.44 | 0.45 | 0.47 | 0.51 | 0.51 | 0.14 |
| 315 | Apparel | 0.24 | 0.15 | 0.18 | 0.26 | 0.27 | 0.35 | 0.35 | 0.39 | 0.38 | 0.36 | 0.36 | 0.12 |
| 322 | Paper | 1.04 | 1.04 | 1.02 | 1.13 | 1.17 | 1.09 | 1.12 | 1.13 | 1.18 | 1.19 | 1.19 | 0.16 |
| 323 | Printing & related support activities | 1.25 | 1.25 | 1.22 | 1.26 | 1.37 | 1.46 | 1.49 | 1.53 | 1.53 | 1.47 | 1.47 | 0.22 |
| 324 | Petroleum & coal products | 0.82 | 0.70 | 1.02 | 0.89 | 0.84 | 0.67 | 0.64 | 0.74 | 0.86 | 0.85 | 0.85 | 0.04 |
| 325 | Chemical | 1.12 | 1.19 | 1.05 | 1.11 | 1.19 | 1.21 | 1.18 | 1.09 | 1.05 | 1.04 | 1.04 | -0.09 |
| 326 | Plastics & rubber products | 2.13 | 2.17 | 2.12 | 2.12 | 2.30 | 2.30 | 2.25 | 2.32 | 2.28 | 2.26 | 2.26 | 0.13 |
| 42 | Wholesale trade | 1.01 | 1.01 | 1.01 | 1.02 | 1.01 | 1.01 | 1.02 | 1.04 | 1.07 | 1.08 | 1.08 | 0.07 |
| 44-45 | Retail trade | 1.02 | 1.03 | 1.05 | 1.06 | 1.04 | 1.05 | 1.04 | 1.03 | 1.00 | 1.01 | 1.01 | -0.01 |
| 48-49p | Transportation & warehousing ² | 0.96 | 0.98 | 0.98 | 0.98 | 0.96 | 0.95 | 0.97 | 1.02 | 1.08 | 1.09 | 1.09 | 0.13 |
| 481 | Air transportation | 0.50 | 0.54 | 0.55 | 0.47 | 0.52 | 0.51 | 0.57 | 0.63 | 0.75 | 0.74 | 0.74 | 0.24 |
| 482 | Rail transportation | 1.09 | 1.10 | 1.03 | 1.06 | 1.08 | 1.07 | 1.21 | 1.27 | 1.30 | 1.32 | 1.32 | 0.22 |
| 483 | Water transportation | 0.83 | 0.79 | 0.83 | 0.75 | 0.69 | 0.60 | 0.42 | 0.41 | 0.36 | 0.29 | 0.29 | -0.54 |
| 484 | Truck transportation | 1.25 | 1.28 | 1.30 | 1.32 | 1.35 | 1.34 | 1.36 | 1.40 | 1.43 | 1.46 | 1.46 | 0.21 |
| 485 | Transit & ground passenger transportation | 0.38 | 0.38 | 0.42 | 0.41 | 0.43 | 0.43 | 0.44 | 0.44 | 0.45 | 0.46 | 0.46 | 0.08 |
| 486 | Pipeline transportation | 0.30 | 0.42 | 0.35 | 0.35 | 0.36 | 0.43 | 0.37 | 0.44 | 0.42 | 0.42 | 0.42 | 0.12 |
| 487-8, 492 | Other transportation & support activities | 1.01 | 1.04 | 1.08 | 1.10 | 1.00 | 0.97 | 0.95 | 0.97 | 1.08 | 1.06 | 1.06 | 0.05 |
| 493 | Warehousing & storage | 1.09 | 1.09 | 1.11 | 1.09 | 1.08 | 1.17 | 1.25 | 1.38 | 1.52 | 1.60 | 1.60 | 0.51 |
| 51 | Information | 0.63 | 0.61 | 0.58 | 0.60 | 0.60 | 0.61 | 0.61 | 0.61 | 0.61 | 0.60 | 0.60 | -0.03 |
| 511 | Publishing including software | 0.74 | 0.70 | 0.66 | 0.71 | 0.77 | 0.81 | 0.85 | 0.85 | 0.84 | 0.82 | 0.82 | 0.08 |
| 512 | Motion picture & sound recording industries | 0.16 | 0.19 | 0.19 | 0.18 | 0.15 | 0.15 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | -0.02 |
| 513 | Broadcasting & telecommunications | 0.64 | 0.62 | 0.61 | 0.60 | 0.59 | 0.59 | 0.58 | 0.58 | 0.58 | 0.60 | 0.60 | -0.04 |
| 514 | Information & data processing svcs. | 0.66 | 0.66 | 0.53 | 0.65 | 0.60 | 0.60 | 0.52 | 0.51 | 0.49 | 0.44 | 0.44 | -0.22 |

Table A11: Concentration Ratio of Ohio::U.S. Gross Domestic Product by Industry, 1998-2007 (based on chained 2000 dollars)

| 1997 NAICS Codes | Sector & Major Industry Titles | Gross Domestic Product | | | | | | | | | | Difference 1998-2007 |
|------------------|---|------------------------|------|------|------|------|------|------|------|------|-------------------|----------------------|
| | | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 ^r | |
| 52 | Finance & insurance | 0.94 | 0.96 | 0.93 | 0.90 | 0.90 | 0.96 | 0.99 | 0.98 | 0.94 | 0.94 | 0.00 |
| 521-2 | Federal Reserve, credit intermediation, etc. | 1.00 | 1.05 | 1.04 | 1.03 | 1.01 | 1.16 | 1.24 | 1.25 | 1.21 | 1.20 | 0.20 |
| 523 | Securities, commodity contracts, investments | 0.40 | 0.43 | 0.42 | 0.39 | 0.41 | 0.40 | 0.38 | 0.36 | 0.36 | 0.35 | -0.05 |
| 524 | Insurance carriers & related activities | 1.12 | 1.14 | 1.19 | 1.14 | 1.11 | 1.10 | 1.12 | 1.14 | 1.11 | 1.15 | 0.03 |
| 525 | Funds, trusts & other financial vehicles | 0.18 | 0.21 | 0.26 | 0.27 | 0.22 | 0.20 | 0.17 | 0.18 | 0.22 | 0.23 | 0.05 |
| 53 | Real estate, rental & leasing | 0.82 | 0.85 | 0.88 | 0.89 | 0.88 | 0.86 | 0.86 | 0.83 | 0.80 | 0.79 | -0.03 |
| 531 | Real estate | 0.82 | 0.85 | 0.88 | 0.90 | 0.89 | 0.87 | 0.86 | 0.83 | 0.80 | 0.78 | -0.03 |
| 532-3 | Rental & leasing svcs., leasing intangible assets | 0.80 | 0.84 | 0.87 | 0.86 | 0.86 | 0.82 | 0.82 | 0.85 | 0.84 | 0.83 | 0.03 |
| 54 | Professional & technical svcs. | 0.77 | 0.77 | 0.74 | 0.77 | 0.77 | 0.77 | 0.76 | 0.76 | 0.77 | 0.79 | 0.02 |
| 5411 | Legal svcs. | 0.73 | 0.74 | 0.74 | 0.75 | 0.77 | 0.75 | 0.74 | 0.74 | 0.71 | 0.72 | 0.00 |
| 5415 | Computer systems design & related svcs. | 0.75 | 0.77 | 0.68 | 0.77 | 0.79 | 0.82 | 0.83 | 0.83 | 0.86 | 0.91 | 0.16 |
| 5412-4, 6-9 | Other professional, scientific & technical svcs. | 0.79 | 0.79 | 0.77 | 0.78 | 0.76 | 0.76 | 0.75 | 0.76 | 0.76 | 0.77 | -0.02 |
| 55 | Management of companies & enterprises | 1.17 | 1.23 | 1.21 | 1.24 | 1.45 | 1.56 | 1.48 | 1.64 | 1.66 | 1.64 | 0.46 |
| 56 | Administrative & waste svcs. | 0.97 | 0.95 | 0.94 | 0.93 | 0.93 | 0.95 | 0.97 | 0.96 | 0.97 | 0.99 | 0.02 |
| 561 | Administrative & support svcs. | 0.95 | 0.94 | 0.92 | 0.91 | 0.91 | 0.93 | 0.95 | 0.94 | 0.96 | 0.98 | 0.03 |
| 562 | Waste management & remediation svcs. | 1.14 | 1.07 | 1.08 | 1.10 | 1.07 | 1.14 | 1.12 | 1.11 | 1.10 | 1.00 | -0.14 |
| 61 | Educational svcs. | 0.78 | 0.77 | 0.82 | 0.81 | 0.78 | 0.78 | 0.79 | 0.81 | 0.84 | 0.84 | 0.05 |
| 62 | Health care & social assistance | 1.07 | 1.10 | 1.12 | 1.14 | 1.11 | 1.11 | 1.12 | 1.13 | 1.16 | 1.16 | 0.08 |
| 621 | Ambulatory health care svcs. | 0.98 | 1.00 | 1.04 | 1.06 | 1.03 | 1.04 | 1.04 | 1.05 | 1.08 | 1.08 | 0.10 |
| 622-3 | Hospitals & nursing & residential care facilities | 1.23 | 1.26 | 1.29 | 1.31 | 1.28 | 1.29 | 1.30 | 1.32 | 1.36 | 1.35 | 0.12 |
| 624 | Social assistance | 0.84 | 0.87 | 0.87 | 0.90 | 0.88 | 0.86 | 0.86 | 0.88 | 0.92 | 0.94 | 0.10 |
| 71 | Arts, entertainment & recreation | 0.70 | 0.76 | 0.78 | 0.80 | 0.78 | 0.77 | 0.75 | 0.75 | 0.76 | 0.77 | 0.06 |
| 711-2 | Performing arts, museums & related activities | 0.64 | 0.75 | 0.76 | 0.83 | 0.79 | 0.77 | 0.74 | 0.76 | 0.78 | 0.81 | 0.17 |
| 713 | Amusements, gambling & recreation | 0.76 | 0.77 | 0.79 | 0.78 | 0.77 | 0.77 | 0.76 | 0.75 | 0.74 | 0.73 | -0.03 |
| 72 | Accommodation & food svcs. | 0.83 | 0.81 | 0.82 | 0.84 | 0.82 | 0.82 | 0.82 | 0.82 | 0.81 | 0.83 | 0.01 |
| 721 | Accommodation | 0.41 | 0.40 | 0.39 | 0.39 | 0.40 | 0.39 | 0.39 | 0.38 | 0.38 | 0.38 | -0.02 |
| 722 | Food services & drinking places | 1.05 | 1.02 | 1.05 | 1.06 | 1.03 | 1.03 | 1.03 | 1.03 | 1.02 | 1.04 | 0.00 |
| 81 | Other svcs., except government | 0.97 | 0.99 | 1.02 | 1.03 | 1.01 | 1.02 | 1.02 | 1.01 | 1.01 | 1.02 | 0.05 |
| 92 | Government | 0.87 | 0.88 | 0.91 | 0.93 | 0.91 | 0.91 | 0.90 | 0.91 | 0.93 | 0.93 | 0.06 |
| 92a & b | Federal government | 0.62 | 0.62 | 0.65 | 0.65 | 0.65 | 0.65 | 0.65 | 0.66 | 0.67 | 0.68 | 0.06 |
| 92a | Civilian ^a | 0.74 | 0.74 | 0.78 | 0.79 | 0.77 | 0.77 | 0.76 | 0.78 | 0.80 | 0.81 | 0.07 |
| 92b | Military | 0.33 | 0.34 | 0.35 | 0.35 | 0.38 | 0.41 | 0.42 | 0.43 | 0.41 | 0.40 | 0.06 |
| 92c | State & local | 0.97 | 0.98 | 1.00 | 1.02 | 1.01 | 1.00 | 1.00 | 1.00 | 1.02 | 1.02 | 0.05 |

Notes: P - preliminary; 1 - leather and allied products included but not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

Abbreviations used: etc. - related services; mfg. - manufacturing; p - part; svcs. - services.

Source: U.S. Bureau Economic Analysis (2009).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 7/09).

Table A12: Ohio's Gross Domestic Product by Industry - Sorted by 2007 Concentration Ratio

| 1997 NAICS Codes | Industry Titles | Concentration Ratio 2007* | GDP 2007^ | Percent Change 1998-2007* | 1997 NAICS Codes | Industry Titles | Concentration Ratio 2007* | GDP 2007^ | Percent Change 1998-2007* |
|------------------|---|---------------------------|-----------|---------------------------|------------------|---|---------------------------|-----------|---------------------------|
| 11-92 | All Industries | 1.00 | \$462,506 | 7.0% | 92 | Government sector summary | 0.93 | \$51,649 | -1.1% |
| | | | | | 321 | Wood products mfg. | 0.92 | \$984 | -12.1% |
| 3361-3 | Motor vehicles, bodies, trailers & parts mfg. | 3.77 | \$12,607 | 17.1% | 5415 | Computer systems design & related svcs. | 0.91 | \$5,230 | 79.1% |
| 331 | Primary metals mfg. | 3.06 | \$6,483 | -45.1% | 324 | Petroleum & coal products mfg. | 0.85 | \$2,045 | -47.4% |
| 336 | Transportation equipment mfg. | 3.03 | \$17,630 | 19.3% | 61 | Educational svcs. | 0.84 | \$3,687 | 6.9% |
| 332 | Fabricated metal products mfg. | 2.47 | \$11,758 | 5.1% | 72 | Accommodation & food svcs. | 0.83 | \$10,738 | 5.3% |
| 335 | Electrical equipment & appliances mfg. | 2.38 | \$4,726 | 19.4% | 23 | Construction | 0.83 | \$17,195 | -37.5% |
| 326 | Plastics & rubber products mfg. | 2.26 | \$5,079 | -13.1% | 532-3 | Rental & leasing svcs., leasing intangible assets | 0.83 | \$3,749 | 0.6% |
| 55 | Management of companies & enterprises | 1.64 | \$15,084 | 14.6% | 511 | Publishing including software | 0.82 | \$3,862 | 34.1% |
| 32p & 33 | Durable goods mfg. subtotal | 1.63 | \$56,950 | 1.4% | 92a | Federal government - civilian ³ | 0.81 | \$8,226 | -8.9% |
| 493 | Warehousing & storage | 1.60 | \$2,191 | 94.7% | 711-2 | Performing arts, museums & related activities | 0.81 | \$1,690 | 25.1% |
| 333 | Machinery mfg. | 1.59 | \$6,767 | -17.8% | 53 | Real estate, rental & leasing | 0.79 | \$45,995 | 3.6% |
| 3364-9 | Other transportation equipment mfg. | 1.54 | \$5,023 | 31.8% | 54 | Professional & technical svcs. | 0.79 | \$26,838 | 32.4% |
| 31-33 | Manufacturing subtotal | 1.51 | \$84,986 | -2.1% | 531 | Real estate | 0.78 | \$42,246 | 3.8% |
| 327 | Nonmetallic mineral products mfg. | 1.48 | \$2,728 | -37.3% | 5412-4, 6-9 | Other professional, scientific & technical svcs. | 0.77 | \$16,740 | 38.3% |
| 323 | Printing & related support activities | 1.47 | \$2,388 | -2.1% | 71 | Arts, entertainment & recreation | 0.77 | \$3,478 | 14.7% |
| 484 | Truck transportation | 1.46 | \$6,343 | 13.9% | 339 | Miscellaneous mfg. | 0.76 | \$1,886 | -6.5% |
| 337 | Furniture & related products mfg. | 1.37 | \$1,650 | 7.6% | 481 | Air transportation | 0.74 | \$1,393 | 132.2% |
| 622-3 | Hospitals & nursing & residential care facilities | 1.35 | \$17,135 | 3.7% | 713 | Amusements, gambling & recreation | 0.73 | \$1,788 | 7.3% |
| 482 | Rail transportation | 1.32 | \$1,812 | 19.4% | 5411 | Legal svcs. | 0.72 | \$4,868 | -12.4% |
| 31 & 32p | Nondurable goods mfg. subtotal ¹ | 1.23 | \$28,036 | -8.9% | 92a & b | Federal government subtotal | 0.68 | \$10,415 | -5.8% |
| 311-2 | Food products mfg. | 1.21 | \$7,162 | -4.7% | 111-2 | Crop & animal production (farms) | 0.65 | \$3,043 | 30.8% |
| 521-2 | Federal Reserve, credit intermediation, & related svcs. | 1.20 | \$20,574 | 37.0% | 212 | Mining, except oil & gas | 0.63 | \$976 | -31.0% |
| 322 | Paper mfg. | 1.19 | \$2,051 | -17.4% | 51 | Information | 0.60 | \$11,937 | 44.1% |
| 62 | Health care & social assistance | 1.16 | \$38,115 | 21.1% | 513 | Broadcasting & telecommunications | 0.60 | \$6,959 | 49.6% |
| 524 | Insurance carriers & related activities | 1.15 | \$13,002 | -3.6% | 11 | Agriculture, forestry, fishing & hunting | 0.57 | \$3,367 | 31.9% |
| 48-49p | Transportation & warehousing ² | 1.09 | \$15,972 | 26.2% | 313-4 | Textile & textile product mills mfg. | 0.51 | \$341 | -11.4% |
| 42 | Wholesale trade | 1.08 | \$29,487 | 11.6% | 334 | Computer & electronic products mfg. | 0.47 | \$2,338 | 259.0% |
| 621 | Ambulatory health care svcs. | 1.08 | \$18,237 | 35.5% | 485 | Transit & ground passenger transportation | 0.46 | \$304 | 10.6% |
| 487-8, 492 | Other transportation & support activities | 1.06 | \$3,653 | 8.2% | 514 | Information & data processing svcs. | 0.44 | \$912 | 64.7% |
| 722 | Food services & drinking places | 1.04 | \$9,159 | 8.2% | 486 | Pipeline transportation | 0.42 | \$170 | 95.2% |
| 325 | Chemical mfg. | 1.04 | \$8,775 | 2.6% | 92b | Federal government - military | 0.40 | \$2,189 | 10.1% |
| 81 | Other svcs., except government | 1.02 | \$10,955 | -10.5% | 721 | Accommodation | 0.38 | \$1,579 | -9.1% |
| 22 | Utilities | 1.02 | \$9,766 | -2.3% | 315 | Apparel mfg. | 0.36 | \$196 | -19.7% |
| 92c | State & local government | 1.02 | \$41,235 | 0.1% | 523 | Securities, commodity contracts, investments | 0.35 | \$2,837 | 133.0% |
| 44-45 | Retail trade | 1.01 | \$30,577 | 29.2% | 113-5 | Forestry, fishing & related activities | 0.31 | \$325 | 39.7% |
| 11-81 | Private sector summary | 1.01 | \$410,857 | 8.1% | 483 | Water transportation | 0.29 | \$106 | -66.2% |
| 562 | Waste management & remediation svcs. | 1.00 | \$1,152 | -9.3% | 21 | Mining | 0.27 | \$2,245 | -30.7% |
| 56 | Administrative & waste svcs. | 0.99 | \$13,887 | 1.0% | 525 | Funds, trusts & other financial vehicles | 0.23 | \$135 | -49.7% |
| 561 | Administrative & support svcs. | 0.98 | \$12,735 | 2.1% | 211 | Oil & gas extraction | 0.18 | \$1,023 | -36.7% |
| 624 | Social assistance | 0.94 | \$2,743 | 56.7% | 512 | Motion picture & sound recording industries | 0.14 | \$204 | -7.0% |
| 52 | Finance & insurance | 0.94 | \$36,548 | 25.8% | 213 | Support activities for mining | 0.11 | \$245 | -21.1% |

Notes: ^ - based on current dollars; * - based on chained dollars standardized on 2000; 1 - leather and allied products included but not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

Abbreviations used: mfg. - manufacturing; p - part; svcs. - services.

Source: U.S. Bureau Economic Analysis (2009).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 7/09).

Table A13: Ohio's Gross Domestic Product by Industry - Sorted by Percentage Change, 1998-2007

| 1997 NAICS Codes | Industry Titles | Percent Change 1998-2007* | Concentration Ratio GDP 2007^ | 1997 NAICS Codes | Industry Titles | Percent Change 1998-2007* | Concentration Ratio GDP 2007^ |
|------------------|---|---------------------------|-------------------------------|------------------|---|---------------------------|-------------------------------|
| 11-92 | All Industries | 7.0% | \$462,506 1.00 | 72 | Accommodation & food svcs. | 5.3% | \$10,738 0.83 |
| 334 | Computer & electronic products mfg. | 259.0% | \$2,338 0.47 | 332 | Fabricated metal products mfg. | 5.1% | \$11,758 2.47 |
| 523 | Securities, commodity contracts, investments | 133.0% | \$2,837 0.35 | 531 | Real estate | 3.8% | \$42,246 0.78 |
| 481 | Air transportation | 132.2% | \$1,393 0.74 | 622-3 | Hospitals & nursing & residential care facilities | 3.7% | \$17,135 1.35 |
| 486 | Pipeline transportation | 95.2% | \$170 0.42 | 53 | Real estate, rental & leasing | 3.6% | \$45,995 0.79 |
| 493 | Warehousing & storage | 94.7% | \$2,191 1.60 | 325 | Chemical mfg. | 2.6% | \$8,775 1.04 |
| 5415 | Computer systems design & related svcs. | 79.1% | \$5,230 0.91 | 561 | Administrative & support svcs. | 2.1% | \$12,735 0.98 |
| 514 | Information & data processing svcs. | 64.7% | \$912 0.44 | 32p & 33 | Durable goods mfg. subtotal | 1.4% | \$56,950 1.63 |
| 624 | Social assistance | 56.7% | \$2,743 0.94 | 56 | Administrative & waste svcs. | 1.0% | \$13,887 0.99 |
| 513 | Broadcasting & telecommunications | 49.6% | \$6,959 0.60 | 532-3 | Rental & leasing svcs., leasing intangible assets | 0.6% | \$3,749 0.83 |
| 51 | Information | 44.1% | \$11,937 0.60 | 92c | State & local government | 0.1% | \$41,235 1.02 |
| 113-5 | Forestry, fishing & related activities | 39.7% | \$325 0.31 | 92 | Government sector summary | -1.1% | \$51,649 0.93 |
| 5412-4, 6-9 | Other professional, scientific & technical svcs. | 38.3% | \$16,740 0.77 | 323 | Printing & related support activities | -2.1% | \$2,388 1.47 |
| 521-2 | Federal Reserve, credit intermediation, & related svcs. | 37.0% | \$20,574 1.20 | 31-33 | Manufacturing subtotal | -2.1% | \$84,986 1.51 |
| 621 | Ambulatory health care svcs. | 35.5% | \$18,237 1.08 | 22 | Utilities | -2.3% | \$9,766 1.02 |
| 511 | Publishing including software | 34.1% | \$3,862 0.82 | 524 | Insurance carriers & related activities | -3.6% | \$13,002 1.15 |
| 54 | Professional & technical svcs. | 32.4% | \$26,838 0.79 | 311-2 | Food products mfg. | -4.7% | \$7,162 1.21 |
| 11 | Agriculture, forestry, fishing & hunting | 31.9% | \$3,367 0.57 | 92a & b | Federal government subtotal | -5.8% | \$10,415 0.68 |
| 3364-9 | Other transportation equipment mfg. | 31.8% | \$5,023 1.54 | 339 | Miscellaneous mfg. | -6.5% | \$1,886 0.76 |
| 111-2 | Crop & animal production (farms) | 30.8% | \$3,043 0.65 | 512 | Motion picture & sound recording industries | -7.0% | \$204 0.14 |
| 44-45 | Retail trade | 29.2% | \$30,577 1.01 | 92a | Federal government - civilian ³ | -8.9% | \$8,226 0.81 |
| 48-49p | Transportation & warehousing ² | 26.2% | \$15,972 1.09 | 31 & 32p | Nondurable goods mfg. subtotal ¹ | -8.9% | \$28,036 1.23 |
| 52 | Finance & insurance | 25.8% | \$36,548 0.94 | 721 | Accommodation | -9.1% | \$1,579 0.38 |
| 711-2 | Performing arts, museums & related activities | 25.1% | \$1,690 0.81 | 562 | Waste management & remediation svcs. | -9.3% | \$1,152 1.00 |
| 62 | Health care & social assistance | 21.1% | \$38,115 1.16 | 81 | Other svcs., except government | -10.5% | \$10,955 1.02 |
| 335 | Electrical equipment & appliances mfg. | 19.4% | \$4,726 2.38 | 313-4 | Textile & textile product mills mfg. | -11.4% | \$341 0.51 |
| 482 | Rail transportation | 19.4% | \$1,812 1.32 | 321 | Wood products mfg. | -12.1% | \$984 0.92 |
| 336 | Transportation equipment mfg. | 19.3% | \$17,630 3.03 | 5411 | Legal svcs. | -12.4% | \$4,868 0.72 |
| 3361-3 | Motor vehicles, bodies, trailers & parts mfg. | 17.1% | \$12,607 3.77 | 326 | Plastics & rubber products mfg. | -13.1% | \$5,079 2.26 |
| 71 | Arts, entertainment & recreation | 14.7% | \$3,478 0.77 | 322 | Paper mfg. | -17.4% | \$2,051 1.19 |
| 55 | Management of companies & enterprises | 14.6% | \$15,084 1.64 | 333 | Machinery mfg. | -17.8% | \$6,767 1.59 |
| 484 | Truck transportation | 13.9% | \$6,343 1.46 | 315 | Apparel mfg. | -19.7% | \$196 0.36 |
| 42 | Wholesale trade | 11.6% | \$29,487 1.08 | 213 | Support activities for mining | -21.1% | \$245 0.11 |
| 485 | Transit & ground passenger transportation | 10.6% | \$304 0.46 | 21 | Mining | -30.7% | \$2,245 0.27 |
| 92b | Federal government - military | 10.1% | \$2,189 0.40 | 212 | Mining, except oil & gas | -31.0% | \$976 0.63 |
| 722 | Food services & drinking places | 8.2% | \$9,159 1.04 | 211 | Oil & gas extraction | -36.7% | \$1,023 0.18 |
| 487-8, 492 | Other transportation & support activities | 8.2% | \$3,653 1.06 | 327 | Nonmetallic mineral products mfg. | -37.3% | \$2,728 1.48 |
| 11-81 | Private sector summary | 8.1% | \$410,857 1.01 | 23 | Construction | -37.5% | \$17,195 0.83 |
| 337 | Furniture & related products mfg. | 7.6% | \$1,650 1.37 | 331 | Primary metals mfg. | -45.1% | \$6,483 3.06 |
| 713 | Amusements, gambling & recreation | 7.3% | \$1,788 0.73 | 324 | Petroleum & coal products mfg. | -47.4% | \$2,045 0.85 |
| 61 | Educational svcs. | 6.9% | \$3,687 0.84 | 525 | Funds, trusts & other financial vehicles | -49.7% | \$135 0.23 |
| | | | | 483 | Water transportation | -66.2% | \$106 0.29 |

Notes: ^ - based on current dollars; * - based on chained dollars standardized on 2000; 1 - leather and allied products included but not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

Abbreviations used: mfg. - manufacturing; p - part; svcs. - services.

Source: U.S. Bureau Economic Analysis (2009).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 7/09).

Table A14: Ohio's Gross Domestic Product by Industry - Sorted by Size in 2007

| 1997 NAICS Codes | Industry Titles | GDP 2007 [^] | Percent Change 1998-2007 [*] | Concentra- tion Ratio 2007 [*] | 1997 NAICS Codes | Industry Titles | GDP 2007 [^] | Percent Change 1998-2007 [*] | Concentra- tion Ratio 2007 [*] |
|------------------|---|--------------------------|---|---|------------------|---|--------------------------|---|---|
| 11-92 | All Industries | \$462,506 | 7.0% | 1.00 | 326 | Plastics & rubber products mfg. | \$5,079 | -13.1% | 2.26 |
| | | | | | 3364-9 | Other transportation equipment mfg. | \$5,023 | 31.8% | 1.54 |
| 11-81 | Private sector summary | \$410,857 | 8.1% | 1.01 | 5411 | Legal srvc. | \$4,868 | -12.4% | 0.72 |
| 31-33 | Manufacturing subtotal | \$84,986 | -2.1% | 1.51 | 335 | Electrical equipment & appliances mfg. | \$4,726 | 19.4% | 2.38 |
| 32p & 33 | Durable goods mfg. subtotal | \$56,950 | 1.4% | 1.63 | 511 | Publishing including software | \$3,862 | 34.1% | 0.82 |
| 92 | Government sector summary | \$51,649 | -1.1% | 0.93 | 532-3 | Rental & leasing srvc., leasing intangible assets | \$3,749 | 0.6% | 0.83 |
| 53 | Real estate, rental & leasing | \$45,995 | 3.6% | 0.79 | 61 | Educational srvc. | \$3,687 | 6.9% | 0.84 |
| 531 | Real estate | \$42,246 | 3.8% | 0.78 | 487-8, 492 | Other transportation & support activities | \$3,653 | 8.2% | 1.06 |
| 92c | State & local government | \$41,235 | 0.1% | 1.02 | 71 | Arts, entertainment & recreation | \$3,478 | 14.7% | 0.77 |
| 62 | Health care & social assistance | \$38,115 | 21.1% | 1.16 | 11 | Agriculture, forestry, fishing & hunting | \$3,367 | 31.9% | 0.57 |
| 52 | Finance & insurance | \$36,548 | 25.8% | 0.94 | 111-2 | Crop & animal production (farms) | \$3,043 | 30.8% | 0.65 |
| 44-45 | Retail trade | \$30,577 | 29.2% | 1.01 | 523 | Securities, commodity contracts, investments | \$2,837 | 133.0% | 0.35 |
| 42 | Wholesale trade | \$29,487 | 11.6% | 1.08 | 624 | Social assistance | \$2,743 | 56.7% | 0.94 |
| 31 & 32p | Nondurable goods mfg. subtotal ¹ | \$28,036 | -8.9% | 1.23 | 327 | Nonmetallic mineral products mfg. | \$2,728 | -37.3% | 1.48 |
| 54 | Professional & technical srvc. | \$26,838 | 32.4% | 0.79 | 323 | Printing & related support activities | \$2,388 | -2.1% | 1.47 |
| 521-2 | Federal Reserve, credit intermediation, & related srvc. | \$20,574 | 37.0% | 1.20 | 334 | Computer & electronic products mfg. | \$2,338 | 259.0% | 0.47 |
| 621 | Ambulatory health care srvc. | \$18,237 | 35.5% | 1.08 | 21 | Mining | \$2,245 | -30.7% | 0.27 |
| 336 | Transportation equipment mfg. | \$17,630 | 19.3% | 3.03 | 493 | Warehousing & storage | \$2,191 | 94.7% | 1.60 |
| 23 | Construction | \$17,195 | -37.5% | 0.83 | 92b | Federal government - military | \$2,189 | 10.1% | 0.40 |
| 622-3 | Hospitals & nursing & residential care facilities | \$17,135 | 3.7% | 1.35 | 322 | Paper mfg. | \$2,051 | -17.4% | 1.19 |
| 5412-4, 6-9 | Other professional, scientific & technical srvc. | \$16,740 | 38.3% | 0.77 | 324 | Petroleum & coal products mfg. | \$2,045 | -47.4% | 0.85 |
| 48-49p | Transportation & warehousing ² | \$15,972 | 26.2% | 1.09 | 339 | Miscellaneous mfg. | \$1,886 | -6.5% | 0.76 |
| 55 | Management of companies & enterprises | \$15,084 | 14.6% | 1.64 | 482 | Rail transportation | \$1,812 | 19.4% | 1.32 |
| 56 | Administrative & waste srvc. | \$13,887 | 1.0% | 0.99 | 713 | Amusements, gambling & recreation | \$1,788 | 7.3% | 0.73 |
| 524 | Insurance carriers & related activities | \$13,002 | -3.6% | 1.15 | 711-2 | Performing arts, museums & related activities | \$1,690 | 25.1% | 0.81 |
| 561 | Administrative & support srvc. | \$12,735 | 2.1% | 0.98 | 337 | Furniture & related products mfg. | \$1,650 | 7.6% | 1.37 |
| 3361-3 | Motor vehicles, bodies, trailers & parts mfg. | \$12,607 | 17.1% | 3.77 | 721 | Accommodation | \$1,579 | -9.1% | 0.38 |
| 51 | Information | \$11,937 | 44.1% | 0.60 | 481 | Air transportation | \$1,393 | 132.2% | 0.74 |
| 332 | Fabricated metal products mfg. | \$11,758 | 5.1% | 2.47 | 562 | Waste management & remediation srvc. | \$1,152 | -9.3% | 1.00 |
| 81 | Other srvc., except government | \$10,955 | -10.5% | 1.02 | 211 | Oil & gas extraction | \$1,023 | -36.7% | 0.18 |
| 72 | Accommodation & food srvc. | \$10,738 | 5.3% | 0.83 | 321 | Wood products mfg. | \$984 | -12.1% | 0.92 |
| 92a & b | Federal government subtotal | \$10,415 | -5.8% | 0.68 | 212 | Mining, except oil & gas | \$976 | -31.0% | 0.63 |
| 22 | Utilities | \$9,766 | -2.3% | 1.02 | 514 | Information & data processing srvc. | \$912 | 64.7% | 0.44 |
| 722 | Food services & drinking places | \$9,159 | 8.2% | 1.04 | 313-4 | Textile & textile product mills mfg. | \$341 | -11.4% | 0.51 |
| 325 | Chemical mfg. | \$8,775 | 2.6% | 1.04 | 113-5 | Forestry, fishing & related activities | \$325 | 39.7% | 0.31 |
| 92a | Federal government - civilian ³ | \$8,226 | -8.9% | 0.81 | 485 | Transit & ground passenger transportation | \$304 | 10.6% | 0.46 |
| 311-2 | Food products mfg. | \$7,162 | -4.7% | 1.21 | 213 | Support activities for mining | \$245 | -21.1% | 0.11 |
| 513 | Broadcasting & telecommunications | \$6,959 | 49.6% | 0.60 | 512 | Motion picture & sound recording industries | \$204 | -7.0% | 0.14 |
| 333 | Machinery mfg. | \$6,767 | -17.8% | 1.59 | 315 | Apparel mfg. | \$196 | -19.7% | 0.36 |
| 331 | Primary metals mfg. | \$6,483 | -45.1% | 3.06 | 486 | Pipeline transportation | \$170 | 95.2% | 0.42 |
| 484 | Truck transportation | \$6,343 | 13.9% | 1.46 | 525 | Funds, trusts & other financial vehicles | \$135 | -49.7% | 0.23 |
| 5415 | Computer systems design & related srvc. | \$5,230 | 79.1% | 0.91 | 483 | Water transportation | \$106 | -66.2% | 0.29 |

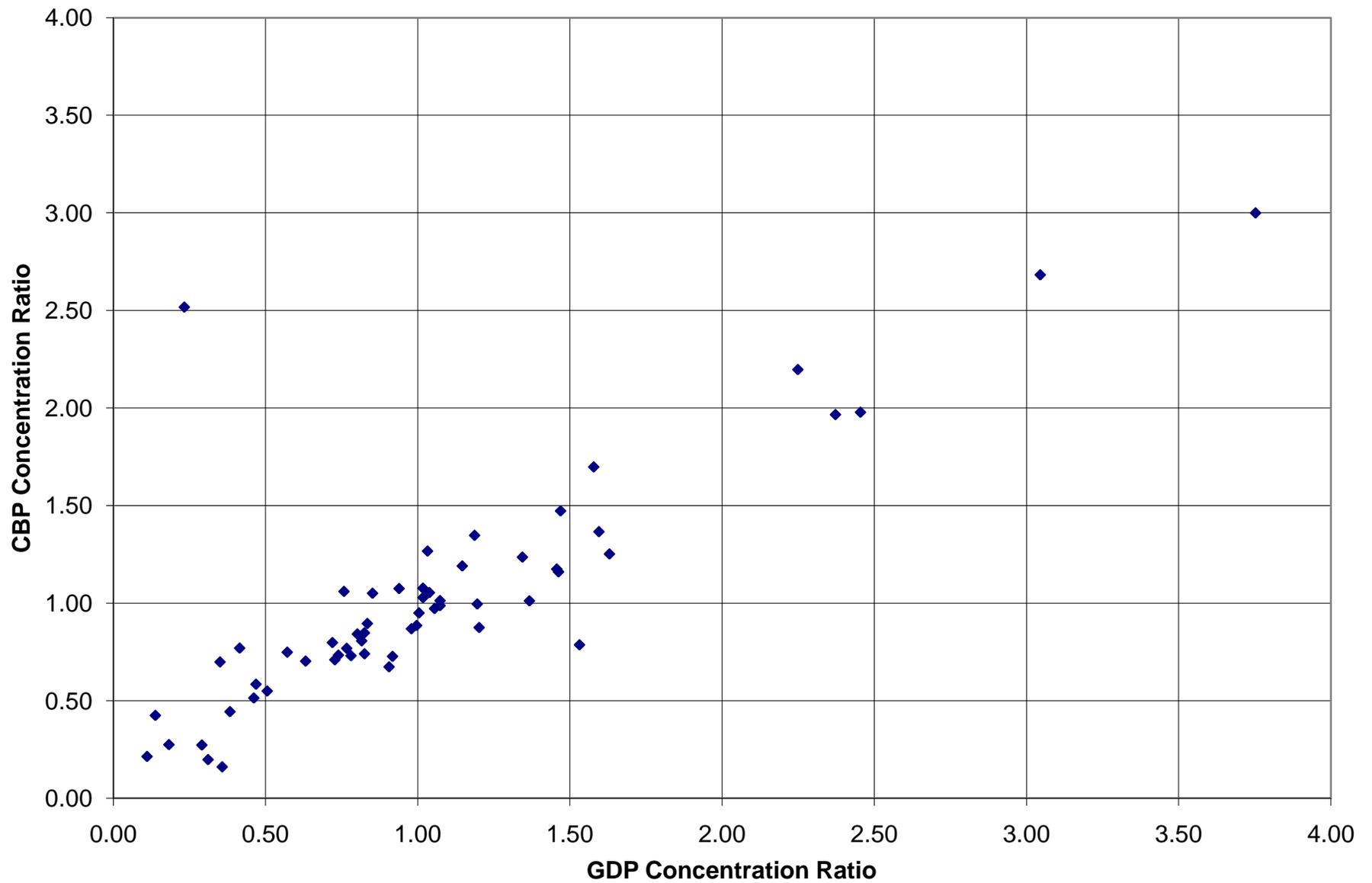
Notes: ^ - based on current dollars; * - based on chained dollars standardized on 2000; 1 - leather and allied products included but not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

Abbreviations used: mfg. - manufacturing; p - part; srvc. - services.

Source: U.S. Bureau Economic Analysis (2009).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 7/09).

The Association of GDP and CBP Concentration Ratios in Ohio, 2007



Sources: U.S. Census Bureau, BEA

**Table A15: Ohio::U.S. Gross Domestic Product and County Business Patterns Concentration Ratios
(GDP in millions of current dollars, except concentration ratio)**

| 2002 NAICS Codes | Industry Titles | GDP ^A , 2007 | | | CBP Employment, 2007 | | |
|------------------|---|-------------------------|--------------|------------------------------------|----------------------|-------------|------------------------------------|
| | | (current, in millions) | | Ohio::U.S. Concentration Ratio* | Ohio | U.S. | Ohio::U.S. Concentration Ratio* |
| | | Ohio | U.S. | | | | |
| 11-81 | Private industries* | \$405,678 | \$11,886,801 | 1.00 | 4,782,141 | 120,604,265 | 1.00 |
| 113-5 | Forestry, fishing & related activities | \$325 | \$30,656 | 0.31 | 1,349 | 172,105 | 0.20 |
| 211 | Oil & gas extraction | \$1,023 | \$164,678 | 0.18 | 1,544 | 141,809 | 0.27 |
| 212 | Mining, except oil & gas | \$976 | \$45,310 | 0.63 | 6,074 | 218,044 | 0.70 |
| 213 | Support activities for mining | \$245 | \$65,025 | 0.11 | 2,894 | 341,034 | 0.21 |
| 22 | Utilities | \$9,766 | \$281,424 | 1.02 | 26,583 | 622,757 | 1.08 |
| 23 | Construction | \$17,195 | \$610,842 | 0.82 | 213,271 | 7,267,883 | 0.74 |
| 321 | Wood products mfg. | \$984 | \$31,449 | 0.92 | 15,206 | 527,565 | 0.73 |
| 327 | Nonmetallic mineral products mfg. | \$2,728 | \$54,421 | 1.47 | 27,565 | 472,128 | 1.47 |
| 331 | Primary metals mfg. | \$6,483 | \$62,387 | 3.04 | 46,684 | 438,921 | 2.68 |
| 332 | Fabricated metal products mfg. | \$11,758 | \$140,391 | 2.45 | 122,816 | 1,565,866 | 1.98 |
| 333 | Machinery mfg. | \$6,767 | \$125,680 | 1.58 | 76,586 | 1,137,540 | 1.70 |
| 334 | Computer & electronic products mfg. | \$2,338 | \$146,294 | 0.47 | 24,165 | 1,043,288 | 0.58 |
| 335 | Electrical equipment & appliances mfg. | \$4,726 | \$58,381 | 2.37 | 31,670 | 406,259 | 1.97 |
| 3361-3 | Motor vehicles, bodies, trailers & parts mfg. | \$12,607 | \$98,454 | 3.75 | 112,007 | 941,711 | 3.00 |
| 3364-9 | Other transportation equipment mfg. | \$5,023 | \$96,140 | 1.53 | 19,715 | 632,436 | 0.79 |
| 337 | Furniture & related products mfg. | \$1,650 | \$35,383 | 1.37 | 20,750 | 517,401 | 1.01 |
| 339 | Miscellaneous mfg. | \$1,886 | \$72,984 | 0.76 | 28,612 | 680,848 | 1.06 |
| 311-2 | Food products mfg. | \$7,162 | \$174,696 | 1.20 | 55,345 | 1,595,380 | 0.87 |
| 313-4 | Textile & textile product mills mfg. | \$341 | \$19,783 | 0.51 | 6,906 | 317,060 | 0.55 |
| 315 | Apparel mfg. | \$196 | \$16,077 | 0.36 | 1,257 | 197,454 | 0.16 |
| 322 | Paper mfg. | \$2,051 | \$50,659 | 1.19 | 22,708 | 425,096 | 1.35 |
| 323 | Printing & related support activities mfg. | \$2,388 | \$47,854 | 1.46 | 29,064 | 631,771 | 1.16 |
| 324 | Petroleum & coal products mfg. | \$2,045 | \$70,412 | 0.85 | 4,314 | 103,577 | 1.05 |
| 325 | Chemical mfg. | \$8,775 | \$249,195 | 1.03 | 39,854 | 793,717 | 1.27 |
| 326 | Plastics & rubber products mfg. | \$5,079 | \$66,186 | 2.25 | 74,517 | 855,483 | 2.20 |
| 42 | Wholesale trade | \$29,487 | \$805,319 | 1.07 | 233,434 | 5,964,850 | 0.99 |
| 44-45 | Retail trade | \$30,577 | \$892,522 | 1.00 | 593,437 | 15,759,928 | 0.95 |
| 481 | Air transportation | \$1,393 | \$55,244 | 0.74 | 13,973 | 480,648 | 0.73 |
| 483 | Water transportation | \$106 | \$10,700 | 0.29 | 745 | 68,947 | 0.27 |
| 484 | Truck transportation | \$6,343 | \$127,622 | 1.46 | 68,752 | 1,476,397 | 1.17 |
| 485 | Transit & ground passenger transportation | \$304 | \$19,316 | 0.46 | 8,973 | 440,623 | 0.51 |
| 486 | Pipeline transportation | \$170 | \$12,018 | 0.41 | 1,295 | 42,445 | 0.77 |
| 487-8, 492 | Other transportation & support activities | \$3,653 | \$101,484 | 1.05 | 46,539 | 1,207,295 | 0.97 |
| 493 | Warehousing & storage | \$2,191 | \$40,255 | 1.59 | 36,780 | 679,077 | 1.37 |
| 511 | Publishing including software | \$3,862 | \$138,792 | 0.82 | 33,088 | 1,034,709 | 0.81 |
| 512 | Motion picture & sound recording industries | \$204 | \$43,430 | 0.14 | 5,395 | 320,647 | 0.42 |

**Table A15: Ohio::U.S. Gross Domestic Product and County Business Patterns Concentration Ratios
(GDP in millions of current dollars, except concentration ratio)**

| 2002 NAICS Codes | Industry Titles | GDP [^] , 2007 | | | CBP Employment, 2007 | | |
|------------------|---|-------------------------|-------------|---|----------------------|-----------|---|
| | | (current, in millions) | | Ohio::U.S. Concentra- tion Ratio* | Ohio | U.S. | Ohio::U.S. Concentra- tion Ratio* |
| | | Ohio | U.S. | | | | |
| 515-9 | Broadcasting, Internet, data processing & related svcs. | \$7,871 | \$404,047 | 0.57 | 60,647 | 2,043,957 | 0.75 |
| 521-2 | Federal Reserve, credit intermediation, & related svcs. | \$20,574 | \$504,425 | 1.20 | 128,117 ~ | 3,246,442 | 1.00 |
| 523 | Securities, commodity contracts, investments | \$2,837 | \$237,501 | 0.35 | 26,082 | 942,086 | 0.70 |
| 524 | Insurance carriers & related activities | \$13,002 | \$332,486 | 1.15 | 109,825 | 2,326,944 | 1.19 |
| 525 | Funds, trusts & other financial vehicles | \$135 | \$17,003 | 0.23 | 3,333 ~ | 33,396 | 2.52 |
| 531 | Real estate | \$42,246 | \$1,586,550 | 0.78 | 45,008 | 1,554,163 | 0.73 |
| 532-3 | Rental & leasing svcs., leasing intangible assets | \$3,749 | \$133,253 | 0.82 | 22,517 | 670,012 | 0.85 |
| 5411 | Legal svcs. | \$4,868 | \$198,351 | 0.72 | 38,163 | 1,206,577 | 0.80 |
| 5415 | Computer systems design & related svcs. | \$5,230 | \$169,262 | 0.91 | 34,635 | 1,297,710 | 0.67 |
| 5412-4, 6-9 | Other professional, scientific & technical svcs. | \$16,740 | \$640,168 | 0.77 | 172,873 | 5,675,654 | 0.77 |
| 55 | Management of companies & enterprises | \$15,084 | \$271,251 | 1.63 | 154,940 | 3,121,402 | 1.25 |
| 561 | Administrative & support svcs. | \$12,735 | \$381,215 | 0.98 | 331,587 | 9,628,468 | 0.87 |
| 562 | Waste management & remediation svcs. | \$1,152 | \$33,898 | 1.00 | 12,468 | 355,193 | 0.89 |
| 61 | Educational svcs. | \$3,687 | \$129,531 | 0.83 | 107,920 | 3,039,385 | 0.90 |
| 621 | Ambulatory health care svcs. | \$18,237 | \$498,101 | 1.07 | 233,599 | 5,817,039 | 1.01 |
| 622-3 | Hospitals & nursing & residential care facilities | \$17,135 | \$373,681 | 1.34 | 417,436 | 8,520,951 | 1.24 |
| 624 | Social assistance | \$2,743 | \$85,658 | 0.94 | 104,806 | 2,459,657 | 1.07 |
| 711-2 | Performing arts, museums & related activities | \$1,690 | \$61,808 | 0.80 | 18,843 | 564,611 | 0.84 |
| 713 | Amusements, gambling & recreation | \$1,788 | \$72,038 | 0.73 | 40,633 | 1,443,956 | 0.71 |
| 721 | Accommodation | \$1,579 | \$120,894 | 0.38 | 33,542 | 1,907,554 | 0.44 |
| 722 | Food svcs. & drinking places | \$9,159 | \$258,594 | 1.04 | 403,402 | 9,657,310 | 1.05 |
| 81 | Other svcs., except government | \$10,955 | \$315,634 | 1.02 | 225,047 | 5,519,773 | 1.03 |

Notes: ^ - includes the self-employed with no employees; * - these figures exclude farms, rail transportation and government services; ~ - is or includes an estimate for employment.

Abbreviations used: mfg. - manufacturing; n.a. - not available; svcs. - services.

Sources: U.S. Bureau of the Census (2009), U.S. Bureau of Economic Analysis (2009).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 8/09).

Table A16: Industry Group Employment Concentration Ratios: 2007 CBP Employment

| 2002 NAICS Code | Industry Titles | Ohio | U.S. | Ohio::U.S. Concentra- tion Ratio |
|-----------------------|--|-----------|-------------|--|
| ----- | Total | 4,782,141 | 120,604,265 | 1.00 |
| 1131 | Timber tract operations | 7 * | 2,632 | 0.07 * |
| 1132 | Forest nurseries & gathering forest products | 24 * | 2,216 | 0.27 * |
| 1133 | Logging | 407 | 59,597 | 0.17 |
| 1141 | Fishing | 5 | 5,302 | 0.02 |
| 1142 | Hunting & trapping | 8 * | 1,845 | 0.11 * |
| 1151 | Crop production support activities | 497 | 66,313 | 0.19 |
| 1152 | Animal production support activities | 387 | 20,460 | 0.48 |
| 1153 | Forestry support activities | 14 * | 13,740 | 0.03 * |
| 2111 | Oil & gas extraction | 1,544 | 141,809 | 0.27 |
| 2121 | Coal mining | 2,649 | 79,848 | 0.84 |
| 2122 | Metal ore mining | 5 * | 34,657 | 0.00 * |
| 2123 | Nonmetallic mineral mining & quarrying | 3,420 | 103,539 | 0.83 |
| 2131 | Mining support activities | 2,894 | 341,034 | 0.21 |
| 2211 | Electric power generation, transmission & distribution | 22,388 | 503,134 | 1.12 |
| 2212 | Natural gas distribution | 3,109 | 79,354 | 0.99 |
| 2213 | Water, sewage & other systems | 1,086 | 40,269 | 0.68 |
| 2361 | Residential building construction | 22,987 | 905,293 | 0.64 |
| 2362 | Nonresidential building construction | 28,768 | 766,961 | 0.95 |
| 2371 | Utility system construction | 14,794 | 524,840 | 0.71 |
| 2372 | Land subdivision | 1,557 | 76,733 | 0.51 |
| 2373 | Highway, street & bridge construction | 7,515 | 323,289 | 0.59 |
| 2379 | Other heavy & civil engineering | 2,037 | 91,545 | 0.56 |

Table A16: Industry Group Employment Concentration Ratios: 2007 CBP Employment

| 2002 NAICS Code | Industry Titles | Ohio | U.S. | Ohio::U.S. Concentra- tion Ratio |
|-----------------------|--|----------|-----------|--|
| 2381 | Foundation, structure, & building exterior contractors | 32,111 | 1,103,222 | 0.73 |
| 2382 | Building equipment contractors | 65,237 | 1,961,787 | 0.84 |
| 2383 | Building finishing contractors | 24,387 | 944,084 | 0.65 |
| 2389 | Other specialty trade contractors | 13,878 | 570,129 | 0.61 |
| 31-33 | Manufacturing | | | |
| 32p & 33 | Durable goods | | | |
| 3211 | Sawmills & wood preservation | 1,855 | 112,425 | 0.42 |
| 3212 | Veneer, plywood & engineered wood product mfg. | 2,160 | 109,002 | 0.50 |
| 3219 | Other wood product mfg. | 11,191 | 306,138 | 0.92 |
| 3271 | Clay product & refractory mfg. | 6,245 | 52,544 | 3.00 |
| 3272 | Glass & glass product mfg. | 7,670 | 97,876 | 1.98 |
| 3273 | Cement & concrete product mfg. | 6,793 | 221,488 | 0.77 |
| 3274 | Lime & gypsum product mfg. | 873 | 17,332 | 1.27 |
| 3279 | Other nonmetallic mineral product mfg. | 5,984 | 82,888 | 1.82 |
| 3311 | Iron & steel mills & ferroalloy mfg. | 14,186 | 109,998 | 3.25 |
| 3312 | Steel product mfg. from purchased steel | 5,993 | 44,492 | 3.40 |
| 3313 | Alumina & aluminum production & processing | 4,119 | 63,988 | 1.62 |
| 3314 | Nonferrous (exc. aluminum) production & processing | 4,636 | 60,466 | 1.93 |
| 3315 | Foundries | 17,750 | 159,977 | 2.80 |
| 3321 | Forging & stamping | 15,952 | 124,406 | 3.23 |
| 3322 | Cutlery & handtool mfg. | 4,571 | 50,529 | 2.28 |
| 3323 | Architectural & structural metals mfg. | 16,349 | 398,786 | 1.03 |
| 3324 | Boiler, tank & shipping container mfg. | 10,572 * | 93,356 | 2.86 * |
| 3325 | Hardware mfg. | 3,113 | 41,763 | 1.88 |
| 3326 | Spring & wire product mfg. | 4,149 | 53,413 | 1.96 |
| 3327 | Machine shops, turn products, screw, nut & bolt mfg. | 32,850 | 395,207 | 2.10 |

Table A16: Industry Group Employment Concentration Ratios: 2007 CBP Employment

| 2002 NAICS Code | Industry Titles | Ohio | U.S. | Ohio::U.S. Concentra- tion Ratio |
|-----------------------|--|----------|---------|--|
| 3328 | Coating, engrave, heat treating & other activity | 13,287 | 137,183 | 2.44 |
| 3329 | Other fabricated metal product mfg. | 21,973 | 271,223 | 2.04 |
| 3331 | Agricultural, construction & mining machinery mfg. | 5,289 | 205,545 | 0.65 |
| 3332 | Industrial machinery mfg. | 8,175 | 130,022 | 1.59 |
| 3333 | Commercial & service industry machinery mfg. | 4,256 | 95,729 | 1.12 |
| 3334 | HVAC & commercial refrigeration equipment mfg. | 7,115 | 151,175 | 1.19 |
| 3335 | Metalworking machinery mfg. | 19,754 | 167,558 | 2.97 |
| 3336 | Engine, turbine & power transmission equipment mfg. | 5,032 | 102,482 | 1.24 |
| 3339 | Other general purpose machinery mfg. | 26,965 | 285,029 | 2.39 |
| 3341 | Computer & peripheral equipment mfg. | 1,425 | 99,137 | 0.36 |
| 3342 | Communications equipment mfg. | 2,066 | 151,847 | 0.34 |
| 3343 | Audio & video equipment mfg. | 379 | 17,191 | 0.56 |
| 3344 | Semiconductor & other electronic component mfg. | 7,036 | 362,859 | 0.49 |
| 3345 | Navigation, measuring, medical, control instruments mfg. | 12,957 | 384,966 | 0.85 |
| 3346 | Mfg. & reproducing magnetic & optical media | 302 * | 27,288 | 0.28 * |
| 3351 | Electric lighting equipment mfg. | 4,740 | 57,515 | 2.08 |
| 3352 | Household appliance mfg. | 12,608 * | 65,666 | 4.84 * |
| 3353 | Electrical equipment mfg. | 7,329 | 138,332 | 1.34 |
| 3359 | Other electrical equipment & component mfg. | 6,993 | 144,746 | 1.22 |
| 3361 | Motor vehicle mfg. | 23,573 | 196,493 | 3.03 |
| 3362 | Motor vehicle body & trailer mfg. | 5,444 | 151,588 | 0.91 |
| 3363 | Motor vehicle parts mfg. | 82,990 | 593,630 | 3.53 |
| 3364 | Aerospace product & parts mfg. | 15,859 | 408,139 | 0.98 |
| 3365 | Railroad rolling stock mfg. | 449 * | 28,712 | 0.39 * |
| 3366 | Ship & boat building | 787 | 148,864 | 0.13 |
| 3369 | Other transportation equipment mfg. | 2,620 | 46,721 | 1.41 |
| 3371 | Household & institutional furniture & kitchen cabinet mfg. | 14,970 | 333,974 | 1.13 |

Table A16: Industry Group Employment Concentration Ratios: 2007 CBP Employment

| 2002 NAICS Code | Industry Titles | Ohio | U.S. | Ohio::U.S. Concentra- tion Ratio |
|-----------------------|---|--------|---------|--|
| 3372 | Office furniture (including fixtures) mfg. | 4,933 | 141,000 | 0.88 |
| 3379 | Other furniture related product mfg. | 847 | 42,427 | 0.50 |
| 3391 | Medical equipment & supplies mfg. | 12,160 | 316,789 | 0.97 |
| 3399 | Other miscellaneous mfg. | 16,452 | 364,059 | 1.14 |
| 31 & 32p | Nondurable goods | | | |
| 3111 | Animal food mfg. | 2,383 | 46,983 | 1.28 |
| 3112 | Grain & oilseed milling | 2,437 | 58,049 | 1.06 |
| 3113 | Sugar & confectionery product mfg. | 1,885 | 73,457 | 0.65 |
| 3114 | Fruit & veg preserving & specialty food mfg. | 10,936 | 162,253 | 1.70 |
| 3115 | Dairy product mfg. | 4,304 | 129,692 | 0.84 |
| 3116 | Animal slaughtering & processing | 8,318 | 487,813 | 0.43 |
| 3117 | Seafood product preparation & packaging | 7 * | 33,169 | 0.01 * |
| 3118 | Bakeries & tortilla mfg. | 13,116 | 284,998 | 1.16 |
| 3119 | Other food mfg. | 7,575 | 162,852 | 1.17 |
| 3121 | Beverage mfg. | 4,384 | 135,979 | 0.81 |
| 3122 | Tobacco mfg. | 0 | 20,135 | 0.00 |
| 3131 | Fiber, yarn & thread mills | 16 * | 42,041 | 0.01 * |
| 3132 | Fabric mills | 868 | 80,514 | 0.27 |
| 3133 | Textile, fabric finishing, fabric coating mills | 1,111 | 41,527 | 0.67 |
| 3141 | Textile furnishings mills | 2,276 | 80,278 | 0.72 |
| 3149 | Other textile product mills | 2,635 | 72,700 | 0.91 |
| 3151 | Apparel knitting mills | 0 | 26,584 | 0.00 |
| 3152 | Cut & sew apparel mfg. | 1,145 | 155,742 | 0.19 |
| 3159 | Apparel accessories & other apparel mfg. | 112 * | 15,128 | 0.19 * |
| 3161 | Leather & hide tanning & finishing | 55 * | 4,856 | 0.29 * |
| 3162 | Footwear mfg. | 7 | 15,017 | 0.01 |
| 3169 | Other leather & allied product mfg. | 1,364 | 16,798 | 2.05 |

Table A16: Industry Group Employment Concentration Ratios: 2007 CBP Employment

| 2002 NAICS Code | Industry Titles | Ohio | U.S. | Ohio::U.S. Concentra- tion Ratio |
|-----------------------|--|--------|---------|--|
| 3221 | Pulp, paper & paperboard mills | 4,395 | 130,068 | 0.85 |
| 3222 | Converted paper product mfg. | 18,313 | 295,028 | 1.57 |
| 3231 | Printing & related support activities | 29,064 | 631,771 | 1.16 |
| 3241 | Petroleum & coal products | 4,314 | 103,577 | 1.05 |
| 3251 | Basic chemical mfg. | 10,118 | 165,025 | 1.55 |
| 3252 | Resin, synthetic rubber, artificial & synthetic fibers, filling mfg. | 4,193 | 88,601 | 1.19 |
| 3253 | Pesticide, fertilizer & other agricultural chemical mfg. | 1,276 | 28,618 | 1.12 |
| 3254 | Pharmaceutical & medicine mfg. | 3,387 | 241,339 | 0.35 |
| 3255 | Paint, coating & adhesive mfg. | 7,994 | 62,493 | 3.23 |
| 3256 | Soap, cleaners & toilet preparation mfg. | 6,827 | 104,422 | 1.65 |
| 3259 | Other chemical product & preparation mfg. | 6,059 | 103,219 | 1.48 |
| 3261 | Plastics product mfg. | 56,310 | 707,972 | 2.01 |
| 3262 | Rubber product mfg. | 18,207 | 147,511 | 3.11 |
| 4231 | Motor vehicles, parts & supply merchant whsle. | 17,288 | 355,828 | 1.23 |
| 4232 | Furniture & home furnishing merchant whsle. | 4,488 | 153,866 | 0.74 |
| 4233 | Lumber & other construction materials merchant whsle. | 9,126 | 264,252 | 0.87 |
| 4234 | Professional & commercial equip & supp merchant whsle. | 24,183 | 705,551 | 0.86 |
| 4235 | Metal & mineral (exc. petroleum) merchant whsle. | 10,561 | 160,366 | 1.66 |
| 4236 | Electrical & electronic goods merchant whsle. | 13,008 | 449,905 | 0.73 |
| 4237 | Hardware, plumb & heating equipment & supplies merchant whsle. | 10,107 | 232,006 | 1.10 |
| 4238 | Machinery, equipment & supplies merchant whsle. | 35,522 | 723,802 | 1.24 |
| 4239 | Miscellaneous durable goods merchant whsle. | 14,266 | 349,701 | 1.03 |
| 4241 | Paper & paper product merchant whsle. | 9,834 | 172,308 | 1.44 |
| 4242 | Drugs & druggists' sundries merchant whsle. | 8,372 | 248,057 | 0.85 |
| 4243 | Apparel, piece goods & notions merchant whsle. | 4,302 | 196,601 | 0.55 |
| 4244 | Grocery & related product merchant whsle. | 31,115 | 768,342 | 1.02 |

Table A16: Industry Group Employment Concentration Ratios: 2007 CBP Employment

| 2002 NAICS Code | Industry Titles | Ohio | U.S. | Ohio::U.S. Concentra- tion Ratio |
|-----------------------|--|--------|-----------|--|
| 4245 | Farm product raw material merchant whsle. | 2,287 | 61,349 | 0.94 |
| 4246 | Chemical & allied products merchant whsle. | 7,939 | 139,481 | 1.44 |
| 4247 | Petroleum & petroleum products merchant whsle. | 2,358 | 94,845 | 0.63 |
| 4248 | Beer, wine, distilled alcoholic beverage merchant whsle. | 5,914 | 178,694 | 0.83 |
| 4249 | Miscellaneous nondurable goods merchant whsle. | 11,442 | 368,372 | 0.78 |
| 4251 | Wholesale electronic markets, agents & brokers | 11,322 | 341,524 | 0.84 |
| 4411 | Automobile dealers | 49,370 | 1,273,660 | 0.98 |
| 4412 | Other motor vehicle dealers | 4,954 | 168,973 | 0.74 |
| 4413 | Automotive parts, accessories & tire stores | 18,423 | 495,633 | 0.94 |
| 4421 | Furniture stores | 8,796 | 271,675 | 0.82 |
| 4422 | Home furnishings stores | 9,939 | 324,863 | 0.77 |
| 4431 | Electronics & appliance stores | 16,917 | 500,780 | 0.85 |
| 4441 | Building material & supplies dealers | 42,552 | 1,202,392 | 0.89 |
| 4442 | Lawn & garden equip & supplies stores | 6,700 | 171,569 | 0.98 |
| 4451 | Grocery stores | 88,745 | 2,564,533 | 0.87 |
| 4452 | Specialty food stores | 6,879 | 174,558 | 0.99 |
| 4453 | Beer, wine & liquor stores | 4,094 | 142,692 | 0.72 |
| 4461 | Health & personal care stores | 45,005 | 1,069,187 | 1.06 |
| 4471 | Gasoline stations | 35,870 | 888,705 | 1.02 |
| 4481 | Clothing stores | 39,035 | 1,278,939 | 0.77 |
| 4482 | Shoe stores | 6,220 | 206,338 | 0.76 |
| 4483 | Jewelry, luggage & leather goods stores | 5,848 | 162,880 | 0.91 |
| 4511 | Sporting goods, hobby, musical instrument stores | 15,787 | 455,576 | 0.87 |
| 4512 | Book, periodical & music stores | 6,073 | 184,118 | 0.83 |
| 4521 | Department stores | 73,816 | 1,619,833 | 1.15 |
| 4529 | Other general merchandise stores | 45,816 | 1,277,639 | 0.90 |

Table A16: Industry Group Employment Concentration Ratios: 2007 CBP Employment

| 2002 NAICS Code | Industry Titles | Ohio | U.S. | Ohio::U.S. Concentra- tion Ratio |
|-----------------------|--|--------|---------|--|
| 4531 | Florists | 3,980 | 93,779 | 1.07 |
| 4532 | Office supplies, stationery & gift stores | 11,977 | 315,159 | 0.96 |
| 4533 | Used merchandise stores | 5,876 | 133,918 | 1.11 |
| 4539 | Other miscellaneous store retailers | 10,769 | 270,971 | 1.00 |
| 4541 | Electronic shopping & mail-order houses | 18,012 | 268,328 | 1.69 |
| 4542 | Vending machine operators | 6,177 | 49,446 | 3.15 |
| 4543 | Direct selling establishments | 5,807 | 193,784 | 0.76 |
| 4811 | Scheduled air transportation | 7,607 | 435,853 | 0.44 |
| 4812 | Nonscheduled air transportation | 6,366 | 44,795 | 3.58 |
| 4831 | Deep sea, coastal & Great Lakes water transportation | 705 | 48,180 | 0.37 |
| 4832 | Inland water transportation | 40 | 20,767 | 0.05 |
| 4841 | General freight trucking | 50,889 | 998,697 | 1.29 |
| 4842 | Specialized freight trucking | 17,863 | 477,700 | 0.94 |
| 4851 | Urban transit systems | 578 | 52,912 | 0.28 |
| 4852 | Interurban & rural bus transportation | 260 * | 17,432 | 0.38 * |
| 4853 | Taxi & limousine service | 1,255 | 72,504 | 0.44 |
| 4854 | School & employee bus transportation | 3,716 | 206,787 | 0.45 |
| 4855 | Charter bus industry | 976 | 28,384 | 0.87 |
| 4859 | Other transit & ground passenger transportation | 2,188 | 62,604 | 0.88 |
| 4861 | Pipeline transportation of crude oil | 333 * | 8,347 | 1.01 * |
| 4862 | Pipeline transportation of natural gas | 759 * | 24,683 | 0.78 * |
| 4869 | Other pipeline transportation | 203 | 9,415 | 0.54 |
| 4871 | Scenic & sightseeing transportation, land | 241 | 9,690 | 0.63 |
| 4872 | Scenic & sightseeing transportation, water | 44 | 15,612 | 0.07 |
| 4879 | Scenic & sightseeing transportation, other | 0 | 2,162 | 0.00 |
| 4881 | Air transportation support activities | 1,925 | 165,253 | 0.29 |
| 4882 | Rail transportation support activities | 1,219 | 28,627 | 1.07 |

Table A16: Industry Group Employment Concentration Ratios: 2007 CBP Employment

| 2002 NAICS Code | Industry Titles | Ohio | U.S. | Ohio::U.S. Concentra- tion Ratio |
|-----------------------|--|---------|-----------|--|
| 4883 | Water transportation support activities | 1,022 | 93,407 | 0.28 |
| 4884 | Road transportation support activities | 2,317 | 76,535 | 0.76 |
| 4885 | Freight transportation arrangement | 9,353 | 212,165 | 1.11 |
| 4889 | Other transportation support activities | 1,002 | 34,654 | 0.73 |
| 4921 | Couriers | 27,778 | 528,177 | 1.33 |
| 4922 | Local messengers & local delivery | 1,638 | 41,013 | 1.01 |
| 4931 | Warehousing & storage | 36,780 | 679,077 | 1.37 |
| 5111 | Newspaper, periodical, book, database publishers | 27,079 | 688,034 | 0.99 |
| 5112 | Software publishers | 6,009 | 346,675 | 0.44 |
| 5121 | Motion picture & video industries | 5,154 | 298,598 | 0.44 |
| 5122 | Sound recording industries | 241 | 22,049 | 0.28 |
| 5151 | Radio & television broadcasting (exc. Internet) | 7,908 | 252,294 | 0.79 |
| 5152 | Cable & other subscription programming (exc. Internet) | 115 | 41,674 | 0.07 |
| 5161 | Internet publishing & broadcasting | 5,054 | 46,627 | 2.73 |
| 5171 | Wired telecommunications carriers | 18,377 | 621,712 | 0.75 |
| 5172 | Wireless telecommunications carriers (exc. satellite) | 7,202 | 277,622 | 0.65 |
| 5173 | Telecommunications resellers | 998 | 34,973 | 0.72 |
| 5174 | Satellite communications | 194 | 13,149 | 0.37 |
| 5175 | Cable & other program distribution | 8,550 * | 240,038 | 0.90 * |
| 5179 | Other telecommunications | 170 * | 14,428 | 0.30 * |
| 5181 | Internet service providers & web search portals | 1,217 | 71,307 | 0.43 |
| 5182 | Data processing, hosting & related services | 9,863 | 375,474 | 0.66 |
| 5191 | Other information services | 999 | 54,659 | 0.46 |
| 5211 | Monetary authorities - central bank | 1,428 * | 20,223 | 1.78 * |
| 5221 | Depository credit intermediation | 84,097 | 2,137,764 | 0.99 |

Table A16: Industry Group Employment Concentration Ratios: 2007 CBP Employment

| 2002 NAICS Code | Industry Titles | Ohio | U.S. | Ohio::U.S. Concentra- tion Ratio |
|-----------------------|--|---------|-----------|--|
| 5222 | Nondepository credit intermediation | 28,194 | 747,414 | 0.95 |
| 5223 | Activities related to credit intermediation | 14,398 | 341,041 | 1.06 |
| 5231 | Security & commodity contracts intermediation & brokerage | 17,718 | 528,722 | 0.85 |
| 5232 | Securities & commodity exchanges | 2 * | 8,962 | 0.01 * |
| 5239 | Other financial investment activities | 8,362 | 404,402 | 0.52 |
| 5241 | Insurance carriers | 75,194 | 1,423,578 | 1.33 |
| 5242 | Agencies & other insurance related activities | 34,631 | 903,366 | 0.97 |
| 5251 | Insurance & employee benefit funds | n.a. | n.a. | n.a. |
| 5259 | Other investment pools & funds | 3,333 * | 33,396 | 2.52 * |
| 5311 | Lessors of real estate | 17,323 | 539,169 | 0.81 |
| 5312 | Offices of real estate agents & brokers | 7,852 | 367,125 | 0.54 |
| 5313 | Activities related to real estate | 19,833 | 647,869 | 0.77 |
| 5321 | Automotive equipment rental & leasing | 7,781 | 199,872 | 0.98 |
| 5322 | Consumer goods rental | 8,767 | 237,074 | 0.93 |
| 5323 | General rental centers | 1,588 | 35,493 | 1.13 |
| 5324 | Commercial, industrial equipment rental & leasing | 3,734 | 165,838 | 0.57 |
| 5331 | Lessors of other nonfinancial intangible asset | 647 | 31,735 | 0.51 |
| 5411 | Legal services | 38,163 | 1,206,577 | 0.80 |
| 5412 | Accounting, tax preparation, bookkeeping, payroll services | 45,648 | 1,357,368 | 0.85 |
| 5413 | Architectural, engineering & related services | 43,226 | 1,434,803 | 0.76 |
| 5414 | Specialized design services | 4,718 | 134,739 | 0.88 |
| 5415 | Computer systems design & related services | 34,635 | 1,297,710 | 0.67 |
| 5416 | Management, scientific & technical consulting services | 24,792 | 1,015,109 | 0.62 |
| 5417 | Scientific research & development services | 20,525 | 688,052 | 0.75 |
| 5418 | Advertising & related services | 11,018 | 445,590 | 0.62 |

Table A16: Industry Group Employment Concentration Ratios: 2007 CBP Employment

| 2002 NAICS Code | Industry Titles | Ohio | U.S. | Ohio::U.S. Concentra- tion Ratio |
|-----------------------|---|---------|-----------|--|
| 5419 | Other professional, scientific, technical service | 22,946 | 599,993 | 0.96 |
| 5511 | Management of companies & enterprises | 154,940 | 3,121,402 | 1.25 |
| 5611 | Office administrative services | 15,036 | 472,690 | 0.80 |
| 5612 | Facilities support services | 5,087 | 189,275 | 0.68 |
| 5613 | Employment services | 175,880 | 5,131,446 | 0.86 |
| 5614 | Business support services | 31,585 | 766,237 | 1.04 |
| 5615 | Travel arrangement & reservation services | 5,218 | 243,943 | 0.54 |
| 5616 | Investigation & security services | 22,023 | 777,680 | 0.71 |
| 5617 | Services to buildings & dwellings | 64,015 | 1,722,595 | 0.94 |
| 5619 | Other support services | 12,743 | 324,602 | 0.99 |
| 5621 | Waste collection | 6,176 | 185,047 | 0.84 |
| 5622 | Waste treatment & disposal | 2,525 | 56,755 | 1.12 |
| 5629 | Remediation & other waste management services | 3,767 | 113,391 | 0.84 |
| 6111 | Elementary & secondary schools | 31,771 | 827,165 | 0.97 |
| 6112 | Junior colleges | 2,989 | 80,568 | 0.94 |
| 6113 | Colleges, universities & professional schools | 56,608 | 1,572,333 | 0.91 |
| 6114 | Business schools & computer & management training | 2,307 | 65,818 | 0.88 |
| 6115 | Technical & trade schools | 2,986 | 119,020 | 0.63 |
| 6116 | Other schools & instruction | 8,269 | 302,908 | 0.69 |
| 6117 | Educational support services | 2,990 | 71,573 | 1.05 |
| 6211 | Offices of physicians | 88,136 | 2,169,682 | 1.02 |
| 6212 | Offices of dentists | 31,377 | 824,770 | 0.96 |
| 6213 | Offices of other health practitioners | 25,950 | 614,171 | 1.07 |

Table A16: Industry Group Employment Concentration Ratios: 2007 CBP Employment

| 2002 NAICS Code | Industry Titles | Ohio | U.S. | Ohio::U.S. Concentra- tion Ratio |
|-----------------------|---|---------|-----------|--|
| 6214 | Outpatient care centers | 24,270 | 695,863 | 0.88 |
| 6215 | Medical & diagnostic laboratories | 7,258 | 221,709 | 0.83 |
| 6216 | Home health care services | 44,229 | 1,021,573 | 1.09 |
| 6219 | Other ambulatory health care services | 12,379 | 269,271 | 1.16 |
| 6221 | General medical & surgical hospitals | 240,944 | 5,041,848 | 1.21 |
| 6222 | Psychiatric & substance abuse hospitals | 5,879 | 216,343 | 0.69 |
| 6223 | Other specialty hospitals | 6,870 | 219,627 | 0.79 |
| 6231 | Nursing care facilities | 96,171 | 1,646,321 | 1.47 |
| 6232 | Residential mental retardation, health facilities | 24,061 | 557,907 | 1.09 |
| 6233 | Community care facilities for the elderly | 39,129 | 685,024 | 1.44 |
| 6239 | Other residential care facilities | 4,382 | 153,881 | 0.72 |
| 6241 | Individual & family services | 42,650 | 1,108,173 | 0.97 |
| 6242 | Community, emergency & other relief services | 5,625 | 167,691 | 0.85 |
| 6243 | Vocational rehabilitation services | 24,930 | 330,145 | 1.90 |
| 6244 | Child day care services | 31,601 | 853,648 | 0.93 |
| 7111 | Performing arts companies | 3,575 | 134,434 | 0.67 |
| 7112 | Spectator sports | 4,886 | 126,092 | 0.98 |
| 7113 | Promoters of entertainment events | 3,327 | 112,354 | 0.75 |
| 7114 | Agents, managers for artists & other public figures | 368 | 17,420 | 0.53 |
| 7115 | Independent artists, writers & performers | 632 | 45,772 | 0.35 |
| 7121 | Museums, historical sites & like institutions | 6,055 | 128,539 | 1.19 |
| 7131 | Amusement parks & arcades | 3,879 | 128,369 | 0.76 |
| 7132 | Gambling industries | 167 | 205,307 | 0.02 |
| 7139 | Other amusement & recreation industries | 36,587 | 1,110,280 | 0.83 |
| 7211 | Traveler accommodation | 32,140 | 1,856,110 | 0.44 |

Table A16: Industry Group Employment Concentration Ratios: 2007 CBP Employment

| 2002 NAICS Code | Industry Titles | Ohio | U.S. | Ohio::U.S. Concentra- tion Ratio |
|-----------------------|--|---------|-----------|--|
| 7212 | RV parks & recreational camps | 760 | 39,717 | 0.48 |
| 7213 | Rooming & boarding houses | 642 | 11,727 | 1.38 |
| 7221 | Full-service restaurants | 186,593 | 4,579,941 | 1.03 |
| 7222 | Limited-service eating places | 183,713 | 4,136,741 | 1.12 |
| 7223 | Special food services | 17,183 | 575,579 | 0.75 |
| 7224 | Drinking places (alcoholic beverages) | 15,913 | 365,049 | 1.10 |
| 8111 | Automotive repair & maintenance | 33,140 | 893,198 | 0.94 |
| 8112 | Electronic & precision equipment repair & maintenance | 5,268 | 135,243 | 0.98 |
| 8113 | Commercial equipment (exc. auto & electric) repair & maintenance | 9,152 | 199,239 | 1.16 |
| 8114 | Personal & household goods repair & maintenance | 2,535 | 95,272 | 0.67 |
| 8121 | Personal care services | 30,721 | 616,538 | 1.26 |
| 8122 | Death care services | 7,762 | 136,928 | 1.43 |
| 8123 | Drycleaning & laundry services | 13,564 | 374,356 | 0.91 |
| 8129 | Other personal services | 7,555 | 252,462 | 0.75 |
| 8131 | Religious organizations | 68,038 | 1,691,182 | 1.01 |
| 8132 | Grantmaking & giving services | 5,658 | 146,709 | 0.97 |
| 8133 | Social advocacy organizations | 3,276 | 128,522 | 0.64 |
| 8134 | Civic & social organizations | 18,861 | 330,219 | 1.44 |
| 8139 | Business, labor, political, like organizations | 19,517 | 519,905 | 0.95 |

Notes: exc. - except; mfg. - manufacturing; mgt. - management; n.a. - not available; whsle. - wholesale; * - estimated.

Source: U.S. Bureau of the Census (2009).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 8/09).

Table A17: Ohio's Gross Domestic Product by Industry, 1990-1997 (in millions of chained 2000 dollars)

| 1987 SIC Codes | Industry Titles | Gross Domestic Product (in millions of chained 2000 dollars) | | | | | | | | Percent Change 1990-1997 |
|----------------|--|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------------|
| | | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | |
| A-J | Total gross domestic product | \$274,921 | \$272,686 | \$283,793 | \$285,610 | \$300,451 | \$310,416 | \$319,426 | \$336,157 | 22.3% |
| A-I | Private industries | \$240,193 | \$237,797 | \$247,619 | \$249,532 | \$264,290 | \$273,483 | \$282,579 | \$297,996 | 24.1% |
| A | Agriculture, forestry, fishing | \$2,500 | \$2,238 | \$2,689 | \$2,282 | \$2,754 | \$2,475 | \$2,661 | \$3,380 | 35.2% |
| 01-02 | Farms | \$1,279 | \$1,068 | \$1,408 | \$1,134 | \$1,461 | \$1,174 | \$1,307 | \$1,848 | 44.5% |
| 07-09 | Agricultural services, forestry & fishing | \$1,178 | \$1,215 | \$1,222 | \$1,146 | \$1,228 | \$1,332 | \$1,352 | \$1,393 | 18.3% |
| B | Mining | \$1,229 | \$1,064 | \$1,055 | \$1,188 | \$1,413 | \$1,383 | \$1,505 | \$1,637 | 33.2% |
| 10 | Metal mining | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | n.a. |
| 12 | Coal mining | \$303 | \$262 | \$275 | \$320 | \$378 | \$320 | \$362 | \$374 | 23.4% |
| 13 | Oil & gas extraction | \$790 | \$643 | \$550 | \$540 | \$703 | \$826 | \$810 | \$929 | 17.6% |
| 14 | Nonmetallic minerals, exc. fuels | \$244 | \$237 | \$258 | \$319 | \$347 | \$339 | \$403 | \$431 | 76.6% |
| C/15-17 | Construction | \$13,259 | \$12,380 | \$12,563 | \$13,207 | \$14,168 | \$14,058 | \$14,767 | \$15,506 | 16.9% |
| D | Manufacturing | \$66,060 | \$63,171 | \$67,010 | \$69,834 | \$72,902 | \$76,713 | \$78,626 | \$83,477 | 26.4% |
| D (part) | Durable goods | \$39,799 | \$37,887 | \$40,628 | \$42,947 | \$45,100 | \$48,510 | \$49,325 | \$53,156 | 33.6% |
| 24 | Lumber & wood products | \$1,144 | \$1,172 | \$1,308 | \$1,122 | \$1,280 | \$1,577 | \$1,510 | \$1,381 | 20.7% |
| 25 | Furniture & fixtures | \$715 | \$691 | \$698 | \$774 | \$799 | \$1,055 | \$855 | \$960 | 34.3% |
| 32 | Stone, clay & glass products | \$2,777 | \$2,489 | \$2,849 | \$2,943 | \$3,178 | \$3,115 | \$3,186 | \$3,558 | 28.1% |
| 33 | Primary metals | \$5,893 | \$5,960 | \$5,995 | \$6,830 | \$7,199 | \$6,734 | \$6,413 | \$7,719 | 31.0% |
| 34 | Fabricated metals | \$8,042 | \$7,048 | \$7,060 | \$7,670 | \$9,054 | \$9,573 | \$9,634 | \$10,061 | 25.1% |
| 35 | Industrial machinery & equipment | \$4,941 | \$4,506 | \$5,032 | \$5,409 | \$5,913 | \$6,704 | \$7,190 | \$7,899 | 59.9% |
| 36 | Electronic equipment | \$1,859 | \$1,984 | \$2,048 | \$2,184 | \$2,402 | \$2,723 | \$3,217 | \$3,693 | 98.7% |
| 37 | Transportation equipment | \$14,351 | \$13,304 | \$15,234 | \$15,620 | \$14,396 | \$15,840 | \$15,299 | \$15,511 | 8.1% |
| 371 | Motor vehicles & equipment | \$9,149 | \$8,189 | \$11,332 | \$12,081 | \$12,283 | \$12,851 | \$12,447 | \$13,474 | 47.3% |
| 372-379 | Other transportation equipment | \$5,202 | \$5,115 | \$3,902 | \$3,539 | \$2,113 | \$2,989 | \$2,852 | \$2,037 | -60.8% |
| 38 | Instruments & related products | \$1,394 | \$1,595 | \$1,587 | \$1,357 | \$1,408 | \$1,562 | \$1,648 | \$1,383 | -0.8% |
| 39 | Miscellaneous mfg. | \$938 | \$901 | \$826 | \$883 | \$927 | \$984 | \$1,117 | \$1,328 | 41.6% |
| D (part) | Nondurable goods | \$27,082 | \$26,121 | \$27,141 | \$27,501 | \$28,368 | \$28,536 | \$29,728 | \$30,637 | 13.1% |
| 20 | Food & kindred products | \$6,326 | \$6,234 | \$5,987 | \$6,243 | \$6,614 | \$7,567 | \$7,270 | \$7,105 | 12.3% |
| 21 | Tobacco products | \$1 | \$1 | \$1 | \$1 | \$2 | \$3 | \$4 | \$4 | 300.0% |
| 22 | Textile mill products | \$179 | \$172 | \$170 | \$179 | \$198 | \$204 | \$231 | \$215 | 20.1% |
| 23 | Apparel & other textile products | \$430 | \$434 | \$447 | \$504 | \$563 | \$541 | \$508 | \$532 | 23.7% |
| 26 | Paper & allied products | \$2,559 | \$2,548 | \$2,747 | \$3,132 | \$3,143 | \$2,442 | \$2,829 | \$3,095 | 20.9% |
| 27 | Printing & publishing | \$5,153 | \$4,891 | \$4,745 | \$4,436 | \$4,559 | \$4,261 | \$4,152 | \$4,297 | -16.6% |
| 28 | Chemicals & allied products | \$7,244 | \$7,408 | \$7,948 | \$8,083 | \$8,208 | \$8,231 | \$9,028 | \$9,462 | 30.6% |
| 29 | Petroleum & coal products | \$2,068 | \$1,264 | \$1,356 | \$1,125 | \$919 | \$1,091 | \$1,363 | \$1,274 | -38.4% |
| 30 | Rubber & miscellaneous plastics | \$3,156 | \$3,294 | \$3,729 | \$3,839 | \$4,198 | \$4,190 | \$4,288 | \$4,586 | 45.3% |
| 31 | Leather & leather products | \$181 | \$168 | \$169 | \$150 | \$163 | \$189 | \$154 | \$148 | -18.2% |
| E | Transportation, communications & utilities | \$20,069 | \$21,149 | \$21,447 | \$18,888 | \$22,869 | \$24,025 | \$24,367 | \$24,382 | 21.5% |
| E (part) | Transportation | \$7,065 | \$7,128 | \$7,649 | \$8,101 | \$8,868 | \$9,379 | \$10,046 | \$10,450 | 47.9% |
| 40 | Railroad transportation | \$890 | \$900 | \$1,023 | \$1,051 | \$1,038 | \$1,061 | \$1,043 | \$961 | 8.0% |
| 41 | Local & interurban passenger transit | \$278 | \$248 | \$255 | \$278 | \$291 | \$330 | \$334 | \$354 | 27.3% |
| 42 | Trucking & warehousing | \$3,763 | \$3,979 | \$4,272 | \$4,557 | \$4,954 | \$5,079 | \$5,349 | \$5,424 | 44.1% |
| 44 | Water transportation | \$266 | \$258 | \$277 | \$299 | \$345 | \$316 | \$317 | \$332 | 24.8% |
| 45 | Transportation by air | \$1,167 | \$1,065 | \$1,144 | \$1,197 | \$1,465 | \$1,773 | \$2,108 | \$2,456 | 110.5% |

Table A17: Ohio's Gross Domestic Product by Industry, 1990-1997 (in millions of chained 2000 dollars)

| 1987 SIC Codes | Industry Titles | Gross Domestic Product (in millions of chained 2000 dollars) | | | | | | | | Percent Change 1990-1997 |
|----------------|--|--|----------|----------|----------|----------|----------|----------|----------|-----------------------------|
| | | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | |
| 46 | Pipelines, exc. natural gas | \$86 | \$87 | \$85 | \$85 | \$80 | \$87 | \$88 | \$95 | 10.5% |
| 47 | Transportation services | \$614 | \$593 | \$585 | \$635 | \$700 | \$727 | \$800 | \$824 | 34.2% |
| 48 | Communications | \$4,803 | \$5,007 | \$4,937 | \$4,992 | \$5,294 | \$5,458 | \$5,665 | \$5,575 | 16.1% |
| 49 | Electric, gas & sanitary services | \$8,201 | \$9,014 | \$8,861 | \$5,795 | \$8,707 | \$9,188 | \$8,656 | \$8,357 | 1.9% |
| F/50, 51 | Wholesale trade | \$14,371 | \$15,166 | \$16,078 | \$16,725 | \$18,146 | \$18,134 | \$20,029 | \$22,563 | 57.0% |
| G/52-59 | Retail trade | \$21,777 | \$21,343 | \$22,201 | \$22,909 | \$24,553 | \$25,617 | \$27,443 | \$29,256 | 34.3% |
| H | Finance, insurance & real estate | \$45,435 | \$46,646 | \$48,510 | \$48,123 | \$48,727 | \$51,361 | \$52,055 | \$54,200 | 19.3% |
| 60 | Depository institutions | \$11,223 | \$11,161 | \$11,540 | \$11,125 | \$10,068 | \$10,032 | \$9,969 | \$10,524 | -6.2% |
| 61 | Nondepository institutions | \$501 | \$491 | \$543 | \$630 | \$633 | \$686 | \$807 | \$1,226 | 144.7% |
| 62 | Security & commodity brokers | \$516 | \$533 | \$562 | \$748 | \$883 | \$993 | \$1,180 | \$1,511 | 192.8% |
| 63 | Insurance carriers | \$7,661 | \$8,515 | \$8,701 | \$7,099 | \$7,601 | \$8,877 | \$8,776 | \$8,817 | 15.1% |
| 64 | Insurance agents, brokers & services | \$2,129 | \$1,936 | \$1,746 | \$1,822 | \$1,860 | \$1,975 | \$2,023 | \$2,037 | -4.3% |
| 65 | Real estate | \$23,618 | \$24,525 | \$25,932 | \$26,510 | \$27,390 | \$28,499 | \$28,976 | \$29,327 | 24.2% |
| 67 | Holding & other investment offices | \$1,392 | \$1,038 | \$899 | \$993 | \$820 | \$862 | \$654 | \$954 | -31.5% |
| I | Services | \$57,319 | \$56,783 | \$57,790 | \$57,902 | \$59,641 | \$60,480 | \$61,575 | \$63,660 | 11.1% |
| 70 | Hotels & other lodging places | \$1,124 | \$1,093 | \$1,108 | \$1,132 | \$1,196 | \$1,324 | \$1,376 | \$1,484 | 32.0% |
| 72 | Personal services | \$2,134 | \$2,112 | \$2,199 | \$2,247 | \$2,239 | \$2,276 | \$2,240 | \$2,278 | 6.7% |
| 73 | Business services | \$9,505 | \$9,485 | \$9,910 | \$10,335 | \$11,524 | \$11,754 | \$12,198 | \$13,396 | 40.9% |
| 75 | Auto repair, services & parking | \$2,659 | \$2,559 | \$2,648 | \$2,697 | \$2,930 | \$2,984 | \$3,138 | \$3,167 | 19.1% |
| 76 | Miscellaneous repair services | \$1,147 | \$1,029 | \$937 | \$981 | \$995 | \$1,014 | \$987 | \$967 | -15.7% |
| 78 | Motion pictures | \$257 | \$245 | \$251 | \$281 | \$263 | \$271 | \$263 | \$268 | 4.3% |
| 79 | Amusement & recreation services | \$1,987 | \$1,931 | \$2,061 | \$1,920 | \$1,992 | \$2,159 | \$2,040 | \$2,196 | 10.5% |
| 80 | Health services | \$21,957 | \$22,166 | \$22,237 | \$21,850 | \$21,798 | \$21,826 | \$21,901 | \$22,285 | 1.5% |
| 81 | Legal services | \$3,666 | \$3,633 | \$3,817 | \$3,632 | \$3,625 | \$3,584 | \$3,669 | \$3,486 | -4.9% |
| 82 | Educational services | \$1,968 | \$2,010 | \$2,056 | \$2,057 | \$2,055 | \$2,131 | \$2,146 | \$2,134 | 8.4% |
| 83 | Social services | \$1,725 | \$1,762 | \$1,913 | \$2,026 | \$2,100 | \$2,238 | \$2,294 | \$2,370 | 37.4% |
| 84, 87 & 89 | Other services | \$6,820 | \$6,373 | \$6,239 | \$6,253 | \$6,462 | \$6,424 | \$6,827 | \$7,113 | 4.3% |
| 86 | Membership organizations | \$1,918 | \$1,985 | \$2,001 | \$2,099 | \$2,134 | \$2,204 | \$2,193 | \$2,257 | 17.7% |
| 88 | Private households | \$307 | \$280 | \$299 | \$306 | \$308 | \$316 | \$308 | \$299 | -2.6% |
| J | Government | \$35,151 | \$35,381 | \$36,667 | \$36,533 | \$36,444 | \$37,183 | \$37,007 | \$38,287 | 8.9% |
| 91-97 | Federal government | \$8,123 | \$7,970 | \$8,172 | \$7,978 | \$8,064 | \$8,094 | \$7,853 | \$7,754 | -4.5% |
| 91-96, 972 | Federal civilian (inc. Postal Service) | \$6,478 | \$6,339 | \$6,588 | \$6,439 | \$6,614 | \$6,681 | \$6,506 | \$6,459 | -0.3% |
| 971 | Federal military | \$1,645 | \$1,631 | \$1,584 | \$1,539 | \$1,450 | \$1,413 | \$1,347 | \$1,295 | -21.3% |
| 91-96 | State & local | \$27,027 | \$27,401 | \$28,487 | \$28,546 | \$28,373 | \$29,080 | \$29,148 | \$30,532 | 13.0% |

Notes: exc. - except; inc. - including; mfg. - manufacturing; n.a. - not applicable or not available. Components may not sum to totals due to rounding and/or different inflation/deflation adjustments for different industries.

Sources: Downey and Aman (2006), U.S. Bureau of Economic Analysis (2007), Woodruff, et.al. (2006).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 10/07).

Table A18: U.S. Gross Domestic Product by Industry, 1990-1997 (in millions of chained 2000 dollars)

| 1987 SIC Codes | Industry Titles | Gross Domestic Product (in millions of chained 2000 dollars) | | | | | | | | Percent Change 1990-1997 |
|----------------|--|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------------|
| | | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | |
| A-J | Total gross domestic product | \$6,939,733 | \$6,917,680 | \$7,114,708 | \$7,240,810 | \$7,538,478 | \$7,784,237 | \$8,106,740 | \$8,521,597 | 22.8% |
| A-I | Private industries | \$5,919,952 | \$5,896,241 | \$6,076,908 | \$6,199,570 | \$6,487,482 | \$6,730,071 | \$7,042,855 | \$7,441,094 | 25.7% |
| A | Agriculture, forestry, fishing | \$90,694 | \$91,948 | \$100,719 | \$91,099 | \$104,985 | \$93,318 | \$102,217 | \$113,709 | 25.4% |
| 01-02 | Farms | \$49,276 | \$50,003 | \$57,464 | \$50,649 | \$60,862 | \$49,599 | \$56,116 | \$64,376 | 30.6% |
| 07-09 | Agricultural services, forestry & fishing | \$42,475 | \$42,965 | \$41,952 | \$40,287 | \$42,314 | \$45,014 | \$46,105 | \$47,962 | 12.9% |
| B | Mining | \$145,820 | \$139,683 | \$134,003 | \$137,089 | \$147,959 | \$152,838 | \$159,714 | \$167,004 | 14.5% |
| 10 | Metal mining | \$3,794 | \$4,217 | \$4,460 | \$4,595 | \$4,772 | \$4,526 | \$4,811 | \$5,320 | 40.2% |
| 12 | Coal mining | \$6,418 | \$6,489 | \$7,170 | \$7,402 | \$8,542 | \$8,853 | \$9,587 | \$10,072 | 56.9% |
| 13 | Oil & gas extraction | \$138,165 | \$130,004 | \$119,545 | \$121,454 | \$129,809 | \$135,695 | \$139,745 | \$145,021 | 5.0% |
| 14 | Nonmetallic minerals, exc. fuels | \$7,981 | \$7,541 | \$7,898 | \$8,406 | \$9,186 | \$9,233 | \$10,292 | \$11,025 | 38.1% |
| C/15-17 | Construction | \$355,805 | \$328,883 | \$333,522 | \$336,106 | \$357,768 | \$360,123 | \$379,332 | \$396,485 | 11.4% |
| D | Manufacturing | \$1,036,356 | \$1,007,266 | \$1,036,187 | \$1,064,421 | \$1,144,753 | \$1,221,175 | \$1,260,098 | \$1,348,582 | 30.1% |
| D (part) | Durable goods | \$489,636 | \$473,389 | \$490,896 | \$511,444 | \$561,598 | \$610,705 | \$647,849 | \$712,826 | 45.6% |
| 24 | Lumber & wood products | \$44,675 | \$40,867 | \$39,207 | \$36,820 | \$38,925 | \$41,651 | \$40,164 | \$39,427 | -11.7% |
| 25 | Furniture & fixtures | \$19,257 | \$18,225 | \$19,814 | \$21,537 | \$21,641 | \$22,611 | \$22,792 | \$24,175 | 25.5% |
| 32 | Stone, clay & glass products | \$31,503 | \$28,996 | \$32,247 | \$32,371 | \$35,777 | \$36,939 | \$37,269 | \$42,253 | 34.1% |
| 33 | Primary metals | \$39,045 | \$38,781 | \$40,347 | \$43,109 | \$45,763 | \$45,962 | \$47,618 | \$50,023 | 28.1% |
| 34 | Fabricated metals | \$79,745 | \$74,075 | \$75,841 | \$79,897 | \$91,442 | \$96,749 | \$100,313 | \$105,822 | 32.7% |
| 35 | Industrial machinery & equipment | \$69,812 | \$64,717 | \$69,625 | \$74,044 | \$81,339 | \$94,536 | \$102,898 | \$118,846 | 70.2% |
| 36 | Electronic equipment | \$35,047 | \$36,825 | \$39,324 | \$43,012 | \$52,164 | \$65,913 | \$78,607 | \$97,223 | 177.4% |
| 37 | Transportation equipment | \$146,109 | \$141,215 | \$143,982 | \$149,328 | \$157,554 | \$151,666 | \$150,415 | \$158,554 | 8.5% |
| 371 | Motor vehicles & equipment | \$65,323 | \$61,660 | \$74,540 | \$84,640 | \$101,055 | \$97,243 | \$94,183 | \$99,643 | 52.5% |
| 372-379 | Other transportation equipment | \$80,786 | \$79,555 | \$69,442 | \$64,688 | \$56,499 | \$54,423 | \$56,232 | \$58,911 | -27.1% |
| 38 | Instruments & related products | \$75,154 | \$74,214 | \$71,196 | \$65,028 | \$62,031 | \$62,501 | \$64,050 | \$60,864 | -19.0% |
| 39 | Miscellaneous mfg. | \$23,097 | \$21,919 | \$21,328 | \$22,721 | \$24,384 | \$25,597 | \$26,718 | \$28,221 | 22.2% |
| D (part) | Nondurable goods | \$578,120 | \$565,656 | \$576,088 | \$581,224 | \$608,181 | \$632,090 | \$628,220 | \$647,189 | 11.9% |
| 20 | Food & kindred products | \$121,123 | \$122,571 | \$122,564 | \$125,869 | \$124,974 | \$149,273 | \$133,237 | \$132,333 | 9.3% |
| 21 | Tobacco products | \$46,734 | \$36,935 | \$32,616 | \$30,145 | \$43,244 | \$51,095 | \$48,779 | \$47,620 | 1.9% |
| 22 | Textile mill products | \$23,116 | \$23,333 | \$26,136 | \$26,476 | \$27,542 | \$26,681 | \$26,157 | \$26,109 | 12.9% |
| 23 | Apparel & other textile products | \$28,753 | \$28,450 | \$29,201 | \$29,281 | \$30,305 | \$30,050 | \$28,994 | \$28,834 | 0.3% |
| 26 | Paper & allied products | \$58,093 | \$59,361 | \$60,864 | \$67,206 | \$68,312 | \$59,591 | \$63,491 | \$67,248 | 15.8% |
| 27 | Printing & publishing | \$118,947 | \$112,613 | \$111,376 | \$104,873 | \$107,215 | \$105,427 | \$103,455 | \$102,731 | -13.6% |
| 28 | Chemicals & allied products | \$133,130 | \$130,758 | \$134,319 | \$134,174 | \$146,911 | \$149,218 | \$155,129 | \$167,125 | 25.5% |
| 29 | Petroleum & coal products | \$28,644 | \$24,552 | \$25,308 | \$24,776 | \$23,361 | \$26,546 | \$30,035 | \$29,305 | 2.3% |
| 30 | Rubber & miscellaneous plastics | \$32,480 | \$33,669 | \$36,366 | \$39,527 | \$43,321 | \$45,779 | \$48,149 | \$52,674 | 62.2% |
| 31 | Leather & leather products | \$5,240 | \$5,269 | \$5,270 | \$4,992 | \$5,211 | \$5,424 | \$4,443 | \$4,567 | -12.8% |
| E | Transportation, communications & utilities | \$519,850 | \$536,668 | \$551,652 | \$572,239 | \$603,926 | \$636,840 | \$674,835 | \$683,048 | 31.4% |
| E (part) | Transportation | \$196,107 | \$200,537 | \$209,868 | \$219,576 | \$237,507 | \$247,082 | \$268,311 | \$280,668 | 43.1% |
| 40 | Railroad transportation | \$17,019 | \$19,673 | \$19,554 | \$19,851 | \$20,942 | \$21,695 | \$22,469 | \$21,379 | 25.6% |
| 41 | Local & interurban passenger transit | \$15,553 | \$13,666 | \$13,644 | \$13,959 | \$14,222 | \$14,680 | \$15,007 | \$16,503 | 6.1% |
| 42 | Trucking & warehousing | \$76,438 | \$81,379 | \$85,689 | \$89,963 | \$96,794 | \$99,094 | \$105,499 | \$109,677 | 43.5% |
| 44 | Water transportation | \$10,643 | \$11,203 | \$11,274 | \$11,748 | \$12,574 | \$12,651 | \$13,566 | \$14,775 | 38.8% |
| 45 | Transportation by air | \$50,849 | \$48,627 | \$53,261 | \$56,137 | \$64,042 | \$68,428 | \$77,638 | \$83,336 | 63.9% |

Table A18: U.S. Gross Domestic Product by Industry, 1990-1997 (in millions of chained 2000 dollars)

| 1987 SIC Codes | Industry Titles | Gross Domestic Product (in millions of chained 2000 dollars) | | | | | | | | Percent Change 1990-1997 |
|----------------|--|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------------|
| | | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | |
| 46 | Pipelines, exc. natural gas | \$5,733 | \$5,730 | \$5,663 | \$5,707 | \$5,223 | \$5,056 | \$5,439 | \$5,730 | -0.1% |
| 47 | Transportation services | \$20,722 | \$20,297 | \$20,877 | \$22,346 | \$23,682 | \$25,320 | \$28,402 | \$29,167 | 40.8% |
| 48 | Communications | \$142,776 | \$149,269 | \$157,185 | \$167,458 | \$176,314 | \$187,128 | \$201,078 | \$202,164 | 41.6% |
| 49 | Electric, gas & sanitary services | \$180,967 | \$186,862 | \$184,599 | \$185,205 | \$190,105 | \$202,630 | \$205,446 | \$200,216 | 10.6% |
| F/50, 51 | Wholesale trade | \$363,083 | \$377,416 | \$405,057 | \$415,087 | \$438,270 | \$441,529 | \$489,221 | \$542,237 | 49.3% |
| G/52-59 | Retail trade | \$531,611 | \$522,238 | \$538,659 | \$555,250 | \$585,230 | \$610,794 | \$653,452 | \$703,317 | 32.3% |
| H | Finance, insurance & real estate | \$1,358,345 | \$1,385,715 | \$1,418,988 | \$1,446,774 | \$1,471,886 | \$1,523,927 | \$1,571,463 | \$1,658,198 | 22.1% |
| 60 | Depository institutions | \$284,054 | \$285,539 | \$276,482 | \$276,353 | \$257,953 | \$263,478 | \$258,078 | \$253,017 | -10.9% |
| 61 | Nondepository institutions | \$17,186 | \$16,700 | \$18,075 | \$20,948 | \$21,197 | \$21,289 | \$24,859 | \$38,083 | 121.6% |
| 62 | Security & commodity brokers | \$35,721 | \$40,463 | \$40,271 | \$52,430 | \$62,784 | \$71,291 | \$91,702 | \$115,994 | 224.7% |
| 63 | Insurance carriers | \$173,176 | \$190,266 | \$191,145 | \$183,145 | \$187,199 | \$190,217 | \$181,110 | \$186,140 | 7.5% |
| 64 | Insurance agents, brokers & services | \$63,012 | \$59,225 | \$53,782 | \$56,121 | \$57,211 | \$59,547 | \$59,728 | \$60,680 | -3.7% |
| 65 | Real estate | \$807,170 | \$822,226 | \$865,828 | \$868,649 | \$892,569 | \$921,770 | \$948,618 | \$982,162 | 21.7% |
| 67 | Holding & other investment offices | \$43,558 | \$33,387 | \$29,806 | \$35,582 | \$26,610 | \$26,974 | \$25,287 | \$29,921 | -31.3% |
| I | Services | \$1,569,610 | \$1,554,105 | \$1,598,670 | \$1,619,892 | \$1,658,250 | \$1,713,751 | \$1,770,025 | \$1,839,525 | 17.2% |
| 70 | Hotels & other lodging places | \$64,989 | \$63,384 | \$66,239 | \$68,072 | \$72,652 | \$77,852 | \$83,239 | \$85,999 | 32.3% |
| 72 | Personal services | \$51,507 | \$49,561 | \$51,215 | \$52,228 | \$52,160 | \$52,485 | \$51,694 | \$53,199 | 3.3% |
| 73 | Business services | \$301,233 | \$291,319 | \$310,032 | \$320,030 | \$348,888 | \$366,013 | \$395,086 | \$434,279 | 44.2% |
| 75 | Auto repair, services & parking | \$68,099 | \$65,204 | \$65,087 | \$66,502 | \$70,357 | \$72,940 | \$76,482 | \$77,543 | 13.9% |
| 76 | Miscellaneous repair services | \$33,824 | \$30,627 | \$28,671 | \$28,448 | \$28,922 | \$29,264 | \$28,390 | \$27,455 | -18.8% |
| 78 | Motion pictures | \$24,540 | \$23,369 | \$23,694 | \$26,972 | \$24,937 | \$28,214 | \$28,706 | \$29,814 | 21.5% |
| 79 | Amusement & recreation services | \$56,289 | \$56,836 | \$63,832 | \$62,256 | \$62,270 | \$67,171 | \$69,503 | \$75,824 | 34.7% |
| 80 | Health services | \$473,918 | \$484,585 | \$493,767 | \$486,195 | \$485,335 | \$492,613 | \$497,293 | \$500,825 | 5.7% |
| 81 | Legal services | \$126,265 | \$124,319 | \$128,600 | \$125,714 | \$123,144 | \$122,892 | \$124,434 | \$124,105 | -1.7% |
| 82 | Educational services | \$58,625 | \$61,010 | \$62,550 | \$64,280 | \$65,650 | \$67,527 | \$67,722 | \$68,855 | 17.4% |
| 83 | Social services | \$43,523 | \$45,472 | \$47,901 | \$51,117 | \$53,428 | \$56,170 | \$57,154 | \$59,361 | 36.4% |
| 84, 87 & 89 | Other services | \$201,589 | \$192,734 | \$190,573 | \$197,811 | \$200,444 | \$209,121 | \$219,365 | \$231,555 | 14.9% |
| 86 | Membership organizations | \$48,294 | \$50,352 | \$50,821 | \$54,080 | \$55,491 | \$57,174 | \$57,634 | \$58,456 | 21.0% |
| 88 | Private households | \$12,914 | \$11,891 | \$12,783 | \$13,213 | \$13,395 | \$13,859 | \$13,604 | \$13,297 | 3.0% |
| J | Government | \$1,033,286 | \$1,035,618 | \$1,050,845 | \$1,052,950 | \$1,060,105 | \$1,061,074 | \$1,068,781 | \$1,083,495 | 4.9% |
| 91-97 | Federal government | \$336,737 | \$333,543 | \$340,403 | \$333,888 | \$329,830 | \$315,168 | \$309,159 | \$308,588 | -8.4% |
| 91-96, 972 | Federal civilian (inc. Postal Service) | \$226,591 | \$223,669 | \$230,833 | \$227,198 | \$226,289 | \$215,532 | \$212,593 | \$214,000 | -5.6% |
| 971 | Federal military | \$110,146 | \$109,874 | \$109,570 | \$106,690 | \$103,541 | \$99,636 | \$96,566 | \$94,588 | -14.1% |
| 91-96 | State & local | \$696,764 | \$702,143 | \$710,653 | \$719,234 | \$730,350 | \$745,824 | \$759,559 | \$774,890 | 11.2% |

Notes: exc. - except; inc. - including; mfg. - manufacturing. Components may not sum to totals due to rounding and/or different inflation/deflation adjustments for different industries.

Sources: Downey and Aman (2006), U.S. Bureau of Economic Analysis (2007), Woodruff, et.al. (2006).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 10/07).

Table A19: Association of Ohio and U.S. Percentage Changes in Gross Domestic Product by Industry, 1990-1997 (chained 2000 dollars)

| 1987 SIC Codes | Industry Titles | Ohio | | | U.S. | | |
|----------------------|---|---------------------|-----------|--------------------------------|---------------------|-------------|--------------------------------|
| | | Real GDP (millions) | | Percent Change 1990-1997 | Real GDP (millions) | | Percent Change 1990-1997 |
| | | 1990 | 1997 | | 1990 | 1997 | |
| A-J | Total gross domestic product | \$274,921 | \$336,157 | 22.3% | \$6,939,733 | \$8,521,597 | 22.8% |
| 01-02 | Farms | \$1,279 | \$1,848 | 44.5% | \$49,276 | \$64,376 | 30.6% |
| 07-09 | Agricultural services, forestry & fishing | \$1,178 | \$1,393 | 18.3% | \$42,475 | \$47,962 | 12.9% |
| 12 | Coal mining | \$303 | \$374 | 23.4% | \$6,418 | \$10,072 | 56.9% |
| 13 | Oil & gas extraction | \$790 | \$929 | 17.6% | \$138,165 | \$145,021 | 5.0% |
| 14 | Non-metallic minerals, exc. fuels | \$244 | \$431 | 76.6% | \$7,981 | \$11,025 | 38.1% |
| C/15-17 | Construction | \$13,259 | \$15,506 | 16.9% | \$355,805 | \$396,485 | 11.4% |
| 20 | Food & kindred products | \$6,326 | \$7,105 | 12.3% | \$121,123 | \$132,333 | 9.3% |
| 22 | Textile mill products | \$179 | \$215 | 20.1% | \$23,116 | \$26,109 | 12.9% |
| 23 | Apparel & other textile products | \$430 | \$532 | 23.7% | \$28,753 | \$28,834 | 0.3% |
| 24 | Lumber & wood products | \$1,144 | \$1,381 | 20.7% | \$44,675 | \$39,427 | -11.7% |
| 25 | Furniture & fixtures | \$715 | \$960 | 34.3% | \$19,257 | \$24,175 | 25.5% |
| 26 | Paper & allied products | \$2,559 | \$3,095 | 20.9% | \$58,093 | \$67,248 | 15.8% |
| 27 | Printing & publishing | \$5,153 | \$4,297 | -16.6% | \$118,947 | \$102,731 | -13.6% |
| 28 | Chemicals & allied products | \$7,244 | \$9,462 | 30.6% | \$133,130 | \$167,125 | 25.5% |
| 29 | Petroleum & coal products | \$2,068 | \$1,274 | -38.4% | \$28,644 | \$29,305 | 2.3% |
| 30 | Rubber & miscellaneous plastics | \$3,156 | \$4,586 | 45.3% | \$32,480 | \$52,674 | 62.2% |
| 31 | Leather & leather products | \$181 | \$148 | -18.2% | \$5,240 | \$4,567 | -12.8% |
| 32 | Stone, clay & glass products | \$2,777 | \$3,558 | 28.1% | \$31,503 | \$42,253 | 34.1% |
| 33 | Primary metals | \$5,893 | \$7,719 | 31.0% | \$39,045 | \$50,023 | 28.1% |
| 34 | Fabricated metals | \$8,042 | \$10,061 | 25.1% | \$79,745 | \$105,822 | 32.7% |
| 35 | Industrial machinery & equipment | \$4,941 | \$7,899 | 59.9% | \$69,812 | \$118,846 | 70.2% |
| 36 | Electronic equipment | \$1,859 | \$3,693 | 98.7% | \$35,047 | \$97,223 | 177.4% |
| 371 | Motor vehicles & equipment | \$9,149 | \$13,474 | 47.3% | \$65,323 | \$99,643 | 52.5% |
| 372-379 | Other transportation equipment | \$5,202 | \$2,037 | -60.8% | \$80,786 | \$58,911 | -27.1% |
| 38 | Instruments & related products | \$1,394 | \$1,383 | -0.8% | \$75,154 | \$60,864 | -19.0% |
| 39 | Miscellaneous mfg. | \$938 | \$1,328 | 41.6% | \$23,097 | \$28,221 | 22.2% |
| 40 | Railroad transportation | \$890 | \$961 | 8.0% | \$17,019 | \$21,379 | 25.6% |
| 41 | Local & interurban passenger transit | \$278 | \$354 | 27.3% | \$15,553 | \$16,503 | 6.1% |

Table A19: Association of Ohio and U.S. Percentage Changes in Gross Domestic Product by Industry, 1990-1997 (chained 2000 dollars)

| 1987 SIC Codes | Industry Titles | Ohio | | | U.S. | | |
|----------------------|--|---------------------|----------|--------------------------------|---------------------|-----------|--------------------------------|
| | | Real GDP (millions) | | Percent Change 1990-1997 | Real GDP (millions) | | Percent Change 1990-1997 |
| | | 1990 | 1997 | | 1990 | 1997 | |
| 42 | Trucking & warehousing | \$3,763 | \$5,424 | 44.1% | \$76,438 | \$109,677 | 43.5% |
| 44 | Water transportation | \$266 | \$332 | 24.8% | \$10,643 | \$14,775 | 38.8% |
| 45 | Transportation by air | \$1,167 | \$2,456 | 110.5% | \$50,849 | \$83,336 | 63.9% |
| 46 | Pipelines, exc. natural gas | \$86 | \$95 | 10.5% | \$5,733 | \$5,730 | -0.1% |
| 47 | Transportation services | \$614 | \$824 | 34.2% | \$20,722 | \$29,167 | 40.8% |
| 48 | Communications | \$4,803 | \$5,575 | 16.1% | \$142,776 | \$202,164 | 41.6% |
| 49 | Electric, gas & sanitary services | \$8,201 | \$8,357 | 1.9% | \$180,967 | \$200,216 | 10.6% |
| F/50, 51 | Wholesale trade | \$14,371 | \$22,563 | 57.0% | \$363,083 | \$542,237 | 49.3% |
| G/52-59 | Retail trade | \$21,777 | \$29,256 | 34.3% | \$531,611 | \$703,317 | 32.3% |
| 60 | Depository institutions | \$11,223 | \$10,524 | -6.2% | \$284,054 | \$253,017 | -10.9% |
| 61 | Nondepository institutions | \$501 | \$1,226 | 144.7% | \$17,186 | \$38,083 | 121.6% |
| 62 | Security & commodity brokers | \$516 | \$1,511 | 192.8% | \$35,721 | \$115,994 | 224.7% |
| 63 | Insurance carriers | \$7,661 | \$8,817 | 15.1% | \$173,176 | \$186,140 | 7.5% |
| 64 | Insurance agents, brokers & services | \$2,129 | \$2,037 | -4.3% | \$63,012 | \$60,680 | -3.7% |
| 65 | Real estate | \$23,618 | \$29,327 | 24.2% | \$807,170 | \$982,162 | 21.7% |
| 67 | Holding & other investment offices | \$1,392 | \$954 | -31.5% | \$43,558 | \$29,921 | -31.3% |
| 70 | Hotels & other lodging places | \$1,124 | \$1,484 | 32.0% | \$64,989 | \$85,999 | 32.3% |
| 72 | Personal services | \$2,134 | \$2,278 | 6.7% | \$51,507 | \$53,199 | 3.3% |
| 73 | Business services | \$9,505 | \$13,396 | 40.9% | \$301,233 | \$434,279 | 44.2% |
| 75 | Auto repair, services & parking | \$2,659 | \$3,167 | 19.1% | \$68,099 | \$77,543 | 13.9% |
| 76 | Miscellaneous repair services | \$1,147 | \$967 | -15.7% | \$33,824 | \$27,455 | -18.8% |
| 78 | Motion pictures | \$257 | \$268 | 4.3% | \$24,540 | \$29,814 | 21.5% |
| 79 | Amusement & recreation services | \$1,987 | \$2,196 | 10.5% | \$56,289 | \$75,824 | 34.7% |
| 80 | Health services | \$21,957 | \$22,285 | 1.5% | \$473,918 | \$500,825 | 5.7% |
| 81 | Legal services | \$3,666 | \$3,486 | -4.9% | \$126,265 | \$124,105 | -1.7% |
| 82 | Educational services | \$1,968 | \$2,134 | 8.4% | \$58,625 | \$68,855 | 17.4% |
| 83 | Social services | \$1,725 | \$2,370 | 37.4% | \$43,523 | \$59,361 | 36.4% |
| 84, 87 & 89 | Other services | \$6,820 | \$7,113 | 4.3% | \$201,589 | \$231,555 | 14.9% |
| 86 | Membership organizations | \$1,918 | \$2,257 | 17.7% | \$48,294 | \$58,456 | 21.0% |
| 88 | Private households | \$307 | \$299 | -2.6% | \$12,914 | \$13,297 | 3.0% |
| 91-96, 972 | Federal civilian (inc. Postal Service) | \$6,478 | \$6,459 | -0.3% | \$226,591 | \$214,000 | -5.6% |

Table A19: Association of Ohio and U.S. Percentage Changes in Gross Domestic Product by Industry, 1990-1997 (chained 2000 dollars)

| | | Ohio | | | U.S. | | |
|----------------------|------------------|---------------------|----------|--------------------------------|---------------------|-----------|--------------------------------|
| 1987 SIC Codes | Industry Titles | Real GDP (millions) | | Percent Change 1990-1997 | Real GDP (millions) | | Percent Change 1990-1997 |
| | | 1990 | 1997 | | 1990 | 1997 | |
| 971 | Federal military | \$1,645 | \$1,295 | -21.3% | \$110,146 | \$94,588 | -14.1% |
| 91-96 | State & local | \$27,027 | \$30,532 | 13.0% | \$696,764 | \$774,890 | 11.2% |

Notes: * - SIC 10, metal mining, and SIC 21, tobacco product manufacturing, are excluded because the former is absent from Ohio and the latter is nearly absent. Individual figures will not sum to the totals. Abbreviations used: exc. - except; inc. - including; mfg. - manufacturing.

Source: U.S. Bureau of Economic Analysis (2007).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 10/07).

Table A20: Association of Ohio and U.S. Percentage Changes in Gross Domestic Product by Industry, 1998-2007 (chained 2000 dollars)

| 1997 NAICS Codes | Industry Titles | Ohio | | | U.S. | | |
|------------------------|--|---------------------|-----------|--------------------------------|---------------------|--------------|--------------------------------|
| | | Real GDP (millions) | | Percent Change 1998-2007 | Real GDP (millions) | | Percent Change 1998-2007 |
| | | 1998 | 2007 | | 1998 | 2007 | |
| 11-92 | All Industries | \$362,724 | \$388,281 | 7.0% | \$9,004,670 | \$11,439,200 | 27.0% |
| 111-12 | Crop & animal production (farms) | \$1,551 | \$2,029 | 30.8% | \$61,587 | \$91,512 | 48.6% |
| 113-15 | Forestry, fishing & related activities | \$224 | \$313 | 39.7% | \$22,896 | \$29,532 | 29.0% |
| 211 | Oil & gas extraction | \$682 | \$432 | -36.7% | \$90,621 | \$69,520 | -23.3% |
| 212 | Mining, exc. oil & gas | \$775 | \$535 | -31.0% | \$24,498 | \$24,822 | 1.3% |
| 213 | Support activities for mining | \$71 | \$56 | -21.1% | \$11,707 | \$14,730 | 25.8% |
| 22 | Utilities | \$7,256 | \$7,086 | -2.3% | \$171,272 | \$204,209 | 19.2% |
| 23 | Construction | \$16,043 | \$10,034 | -37.5% | \$423,216 | \$356,441 | -15.8% |
| 321 | Wood products | \$1,129 | \$992 | -12.1% | \$29,928 | \$31,706 | 5.9% |
| 327 | Nonmetallic mineral products | \$3,543 | \$2,223 | -37.3% | \$44,149 | \$44,334 | 0.4% |
| 331 | Primary metals | \$7,769 | \$4,267 | -45.1% | \$45,894 | \$41,059 | -10.5% |
| 332 | Fabricated metal products | \$9,838 | \$10,335 | 5.1% | \$114,384 | \$123,400 | 7.9% |
| 333 | Machinery | \$7,920 | \$6,513 | -17.8% | \$113,799 | \$120,976 | 6.3% |
| 334 | Computer & electronic products | \$2,030 | \$7,288 | 259.0% | \$96,264 | \$456,022 | 373.7% |
| 335 | Electrical equipment & appliances | \$3,504 | \$4,183 | 19.4% | \$44,573 | \$51,674 | 15.9% |
| 3361-63 | Motor vehicles, bodies, trailers & parts | \$16,977 | \$19,873 | 17.1% | \$111,774 | \$155,200 | 38.9% |
| 3364-69 | Other transportation equipment | \$3,080 | \$4,059 | 31.8% | \$68,309 | \$77,687 | 13.7% |
| 337 | Furniture & related products | \$1,377 | \$1,482 | 7.6% | \$30,208 | \$31,786 | 5.2% |
| 339 | Miscellaneous mfg. | \$1,958 | \$1,830 | -6.5% | \$50,388 | \$70,816 | 40.5% |
| 311-12 | Food products | \$7,150 | \$6,816 | -4.7% | \$153,108 | \$166,249 | 8.6% |
| 313-14 | Textile & textile product mills | \$385 | \$341 | -11.4% | \$26,262 | \$19,769 | -24.7% |
| 315 | Apparel | \$254 | \$204 | -19.7% | \$26,378 | \$16,674 | -36.8% |
| 322 | Paper | \$2,503 | \$2,068 | -17.4% | \$60,013 | \$51,094 | -14.9% |
| 323 | Printing & related support activities | \$2,397 | \$2,346 | -2.1% | \$47,737 | \$47,018 | -1.5% |
| 324 | Petroleum & coal products | \$1,198 | \$630 | -47.4% | \$36,471 | \$21,713 | -40.5% |
| 325 | Chemical | \$6,784 | \$6,959 | 2.6% | \$149,755 | \$197,625 | 32.0% |
| 326 | Plastics & rubber products | \$5,356 | \$4,657 | -13.1% | \$62,423 | \$60,680 | -2.8% |
| 42 | Wholesale trade | \$22,892 | \$25,557 | 11.6% | \$564,655 | \$698,004 | 23.6% |
| 44-45 | Retail trade | \$24,598 | \$31,790 | 29.2% | \$598,829 | \$927,914 | 55.0% |
| 481 | Air transportation | \$980 | \$2,276 | 132.2% | \$48,680 | \$90,256 | 85.4% |

Table A20: Association of Ohio and U.S. Percentage Changes in Gross Domestic Product by Industry, 1998-2007 (chained 2000 dollars)

| 1997 NAICS Codes | Industry Titles | Ohio | | | U.S. | | |
|------------------------|---|---------------------|----------|--------------------------------|---------------------|-------------|--------------------------------|
| | | Real GDP (millions) | | Percent Change 1998-2007 | Real GDP (millions) | | Percent Change 1998-2007 |
| | | 1998 | 2007 | | 1998 | 2007 | |
| 482 | Rail transportation | \$1,074 | \$1,282 | 19.4% | \$24,418 | \$28,690 | 17.5% |
| 483 | Water transportation | \$234 | \$79 | -66.2% | \$7,005 | \$7,984 | 14.0% |
| 484 | Truck transportation | \$4,598 | \$5,235 | 13.9% | \$90,953 | \$105,335 | 15.8% |
| 485 | Transit & ground passenger transportation | \$218 | \$241 | 10.6% | \$14,274 | \$15,356 | 7.6% |
| 486 | Pipeline transportation | \$84 | \$164 | 95.2% | \$6,950 | \$11,610 | 67.1% |
| 487-88, 92 | Other transportation & support activities | \$2,552 | \$2,760 | 8.2% | \$62,594 | \$76,674 | 22.5% |
| 493 | Warehousing & storage | \$969 | \$1,887 | 94.7% | \$21,975 | \$34,670 | 57.8% |
| 511 | Publishing including software | \$2,998 | \$4,019 | 34.1% | \$100,827 | \$144,432 | 43.2% |
| 512 | Motion picture & sound recording industries | \$186 | \$173 | -7.0% | \$29,357 | \$36,876 | 25.6% |
| 513 | Broadcasting & telecommunications | \$5,583 | \$8,350 | 49.6% | \$217,315 | \$410,829 | 89.0% |
| 514 | Information & data processing services | \$787 | \$1,296 | 64.7% | \$29,785 | \$87,598 | 194.1% |
| 521-22 | Fed. reserve banks, credit intermediation & related svcs. | \$12,281 | \$16,820 | 37.0% | \$305,769 | \$412,380 | 34.9% |
| 523 | Securities, commodity contracts, investments | \$1,496 | \$3,485 | 133.0% | \$92,120 | \$291,754 | 216.7% |
| 524 | Insurance carriers & related activities | \$10,290 | \$9,924 | -3.6% | \$227,952 | \$253,791 | 11.3% |
| 525 | Funds, trusts & other financial vehicles | \$187 | \$94 | -49.7% | \$25,716 | \$11,828 | -54.0% |
| 531 | Real estate | \$33,337 | \$34,608 | 3.8% | \$1,010,070 | \$1,299,710 | 28.7% |
| 532-33 | Rental & leasing services & lessors of intangible assets | \$3,175 | \$3,193 | 0.6% | \$98,563 | \$113,480 | 15.1% |
| 5411 | Legal services | \$3,793 | \$3,323 | -12.4% | \$129,660 | \$135,411 | 4.4% |
| 5415 | Computer systems design & related services | \$3,002 | \$5,378 | 79.1% | \$99,725 | \$174,045 | 74.5% |
| 5412-4, 6-9 | Other professional, scientific & technical services | \$11,287 | \$15,613 | 38.3% | \$356,568 | \$597,057 | 67.4% |
| 55 | Management of companies & enterprises | \$8,701 | \$9,972 | 14.6% | \$184,040 | \$179,325 | -2.6% |
| 561 | Administrative & support services | \$9,935 | \$10,139 | 2.1% | \$258,839 | \$303,517 | 17.3% |
| 562 | Waste management & remediation services | \$1,027 | \$932 | -9.3% | \$22,326 | \$27,410 | 22.8% |
| 61 | Educational services | \$2,391 | \$2,556 | 6.9% | \$75,627 | \$89,800 | 18.7% |
| 621 | Ambulatory health care services | \$11,441 | \$15,505 | 35.5% | \$289,376 | \$423,470 | 46.3% |
| 622-23 | Hospitals & nursing & residential care facilities | \$11,733 | \$12,172 | 3.7% | \$236,010 | \$265,440 | 12.5% |
| 624 | Social assistance | \$1,611 | \$2,524 | 56.7% | \$47,683 | \$78,827 | 65.3% |
| 711-12 | Performing arts, museums & related activities | \$1,012 | \$1,266 | 25.1% | \$39,414 | \$46,302 | 17.5% |
| 713 | Amusements, gambling & recreation | \$1,390 | \$1,491 | 7.3% | \$45,313 | \$60,063 | 32.6% |
| 721 | Accommodation | \$1,369 | \$1,245 | -9.1% | \$83,775 | \$95,349 | 13.8% |

Table A20: Association of Ohio and U.S. Percentage Changes in Gross Domestic Product by Industry, 1998-2007 (chained 2000 dollars)

| 1997 NAICS Codes | Industry Titles | Ohio | | | U.S. | | |
|------------------------|---------------------------------|---------------------|----------|--------------------------------|---------------------|-----------|--------------------------------|
| | | Real GDP (millions) | | Percent Change 1998-2007 | Real GDP (millions) | | Percent Change 1998-2007 |
| | | 1998 | 2007 | | 1998 | 2007 | |
| 722 | Food services & drinking places | \$6,702 | \$7,252 | 8.2% | \$158,716 | \$204,738 | 29.0% |
| 81 | Other services, exc. government | \$9,129 | \$8,171 | -10.5% | \$233,400 | \$235,426 | 0.9% |
| 92a | Civilian (inc. Postal Service) | \$6,505 | \$5,928 | -8.9% | \$217,167 | \$215,657 | -0.7% |
| 92b | Military | \$1,243 | \$1,369 | 10.1% | \$92,990 | \$101,950 | 9.6% |
| 92c | State & local | \$30,851 | \$30,879 | 0.1% | \$790,114 | \$890,319 | 12.7% |

Notes: Individual figures may not sum to the totals. Abbreviations used: exc. - except; fed. - federal; inc. - including; mfg. - manufacturing; svcs. - services.

Sources: Downey and Aman (2006), U.S. Bureau of Economic Analysis (2009), Woodruff, et.al. (2006).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 7/09).

NOTES

- 1 The choice of beginning and end points for a period can affect how changes during that time are viewed. What looks like a trend with one set of points may appear as a random fluctuation with another set of points. This is especially true when the time periods are short. Caution is therefore warranted when trying to interpret any of the changes mentioned in this report.
- 2 The CIA offers two measures of countries Gross Domestic Products (GDPs) – one based on Purchasing Power Parity (PPP), and the other based on Official Exchange Rates (OERs). It believes that the PPP data “probably provide the best available starting point for comparisons of economic strength and well-being between counties” because the OER “method involves a variety of international and domestic financial forces that may not capture the value of domestic output” (CIA, 2009). However, while “PPP estimates for OECD [Organization of Economic Cooperation and Development] countries are quite reliable, PPP estimates for developing countries are often rough approximations” (CIA, 2009). (Not every country formally participates in the World Bank’s PPP project. Furthermore, there may be a relative lack of comparable price information between the U.S and another country. For example, what are the prices in America for oxcarts and non-U.S. military equipment?) “Most of the GDP estimates for developing countries are based on extrapolation of PPP number published by the UN International Comparison Program (UNICP) and by Professors Robert Summers and Alan Heston of the University of Pennsylvania and their colleagues” (CIA, 2009). See the CIA (2009) and OECD (2009) websites for more technical and detailed discussions of the subjects.
- 3 Table A15 and the related graph illustrate the strong association between Gross Domestic Product and County Business Patterns employment concentration ratios in 2007. The strength of these associations means that the County Business Patterns concentration ratios *for industry groups* shown in Table A16 generally are good proxies for Gross Domestic Product data in specifying our understanding of sectors and major industries concentrated in Ohio. They also may point to groups that are exceptions in sectors and major industries not concentrated here.
- 4 One possible exception is the collective production of other miscellaneous goods (3399) such as jewelry, games, sporting goods, office supplies, gaskets, packing and sealing devices, etc. (U.S. Bureau of the Census, 2009a).
- 5 Seeing what has happened with durable goods manufacturers since 2000 – the overall peak of the last cycle – reveals how hard things have been for many of them since then. While some major industries saw their fortunes turn for the better beginning in 2002, others did not start expanding until later. See tables A5 and A9 for the details.

- 6 Similarly, manufacturing products made from leather (except footwear) is concentrated in Ohio, but the production of leather itself is not (U.S. Bureau of the Census, 2009a). Gross Domestic Product data for the leather industry (316) are not available.
- 7 Although Ohio has 4.74 percent of the country's coal reserves, only 1.98 percent of the coal extracted in 2006 came from mines in Ohio. Ohio ranked 7th in the former and 9th in the latter (U.S. Bureau of the Census, 2008: tables 878 & 879).
- 8 "Credit intermediation" organizations include depository institutions – banks, savings and loans, and credit unions – as well as non-depository companies issuing credit cards or financing consumer purchases. "Activities related to credit intermediation" include bringing borrowers and lenders together for a fee, clearing check and credit card transactions, electronic transfers of funds, issuing travelers' checks and money orders, etc. (Office of Management and Budget, 1998).
- 9 This is due to "an imputation for the rental value of owner-occupied housing. The Bureau of Economic Analysis (BEA) treats homeowners as businesses, which pay rent to themselves. Therefore, homeowners contribute to the real estate industry's Gross Domestic Product even if not employed by the industry. In addition, like businesses, homeowners' property taxes paid to state and local governments are included as part of taxes on production and imports (TOPI) for the real estate industry" (U.S. BEA, 2009; at http://faq.bea.gov/cgi-bin/bea.cfg/php/enduser/std_ad.php?p_faqid=95&p_created=1136929176).
- 10 Three points are relevant in understanding these figures: 1) the total percentage change for a multi-year period is not the arithmetic sum of the percentage changes for sub-sets of years within that period – such a practice mistakenly ignores the intrinsic compounding over the course of all years in the period; 2) the recession of 2001 was short and mild, making the annual figure for the country look only like slow growth for the year; and 3) the more recent the year, the more likely the figures for that year will be revised.
- 11 The charts cover all aspects of each economy without the duplication that would occur if higher summary levels were included. In other words, data for sectors are presented only if lower level data are not available – for example, utilities and construction. If industry group data are available, such as in the transportation and professional-scientific-technical sectors, then the major industry summary is not shown.

12 Economic forecasts are often imprecise due to any number of factors. These include, but are not limited to: the impact of unforeseeable events, our incomplete understanding of the economy, lack of complete data, and assumptions about the economy that may not be entirely justified

SOURCES AND REFERENCES CITED

American Iron & Steel Institute, 1974-2004

Annual Statistical Report. Washington, D.C.: the Institute.

Automotive News, 2009

2009 Market Data: North American Production. Found at <<http://www.autonews.com/datacenter>>.

Central Intelligence Agency (CIA), 2009

Start with <<https://www.cia.gov/library/publications/the-world-factbook/>> for data and technical documentation.

Coakley, Caitlin E., et.al. 2009

“Gross Domestic Product Data by State: Advance Statistics for 2008 and Revised Statistics for 2005-2007,” Survey of Current Business, Vol. 89, No. 6 (June), pp. 62-91.

Downey, George K., and Gerard P. Aman, 2006

“Gross Domestic Product by State Estimation Methodology.” Found at <<http://www.bea.doc.gov/bea/regional/gsp/help/>>.

ELM International, Inc., 2009

Data found at <<http://www.elm-intl.com/>>.

Figueroa, Eric B., and Rose A. Woods, 2007

“Industry output and employment projections to 2016,” Monthly Labor Review, November, pp. 53-84.

Fortune, 2009

Start with <<http://www.fortune.com/>>. Look for the Fortune U.S. 1,000 list.

International Iron and Steel Institute, 2009

See <<http://www.worldsteel.org/index.php>> and check various tables.

Office of Management and Budget, 1998

North American Industry Classification System: United States, 1997. Lanham, Md.: Bernan Press.

_____, 2002

North American Industry Classification System: United States, 2002. Lanham, Md.: Bernan Press.

Ohio Dept. of Job and Family Services – Labor Market Information (ODJFS-LMI), 2008

“Ohio Employment Projections Report by Major Industry, 2006-2016.” File found at <http://lmi.state.oh.us/proj/projections/ohio/industry.pdf>

Ohio Steel Council, 2009

See <<http://www.ohiosteel.org/>>, and check “Steel News,” and “Current Data Reports.”

Organization for Economic Cooperation and Development (OECD), 2009

See <<http://www.oecd.org/home/>> and search on “PPP” for a discussion of purchasing power parities.

U.S. Bureau of the Census, 1999

County Business Patterns, 1997: Ohio. Washington, D.C.: U.S. Government Printing Office, table 1a.

_____, 2000

County Business Patterns, 1998: Ohio, a .pdf found at <<http://www.census.gov/prod/www/abs/cbptotal.html>>. See table 1.

_____, 2008

Statistical Abstract of the United States: 2009 (128th ed.). Washington, D.C.: the Bureau.

_____, 2009a

Cbp06st.txt and cbp06us.txt [machine-readable state and national County Business Patterns data files] / prepared by the Bureau. Washington, D.C.: the Bureau [producer and distributor].

_____, 2009b

Start with <<http://www.census.gov/>>, select “E,” and click on “estimates.”

U.S. Bureau of Economic Analysis (BEA), 2009

Start with <<http://www.bea.doc.gov/>>, select “GDP by State” and then “Interactive tables.” Searches of the site for additional information are possible.

Woodruff, Clifford H. III, et.al. 2007

“Gross Domestic Product Data by State: Advance Estimates for 2006 and Revised Estimates for 2003-2005,”
Survey of Current Business, Vol. 87, No. 7 (July), pp. 111-139.