

OHIO DEPARTMENT OF DEVELOPMENT
Office of Strategic Research

OHIO'S GROSS STATE PRODUCT



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A State Affiliate of the U.S. Census Bureau



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Ohio's Gross State Product

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Introduction

The Office of Strategic Research is frequently asked to report on the size and structure of Ohio's economy. This report presents estimates of the gross state product (GSP) for Ohio and the nation recently released by the U.S. Bureau of Economic Analysis (BEA).

A gross state product is the final market value of goods and services produced by labor and property located in a state. It is the state counterpart to the nation's gross domestic product (GDP). GSP estimates are available for the 50 states and the District of Columbia by division and most major industries—*i.e.*, all one-digit and many two-digit Standard Industrial Classification (SIC) codes. The North American Industry Classification System (NAICS) was implemented with the 1997 Economic Censuses. However, the census data—which are used in generating GSP figures—also recorded the older SIC codes. The 1987 SIC system is used for all the years covered in this report: 1990 through 1999. The maximum range of years covered by the BEA's latest data set is 1977 through 1999, and uses the 1977 SIC system for the years 1977-85.

The BEA prepared two series of data for their most recent release—current dollar figures and chained dollar figures. Chained dollar figures have removed the effects of inflation, permitting measurement of changes over time in the volume of goods and services produced. In other words, it is possible to determine where and by how much the economic production has really changed—hence the phrase “real GSP.” Chained dollar estimates also account for the substitutions consumers make when prices change (Friedenberg and Beemiller, 1997).

Most of the data for this report were downloaded from the BEA's web site: <http://www.bea.doc.gov>.

Total Gross State Product and Real Growth Trends

- Ohio's GSP rose from \$230 billion in 1990 to \$362 billion in 1999. The Office of Strategic Research estimates that the GSP for 2000 was \$386 billion based on wage and salary data from the Bureau of Economic Analysis.
- After adjusting for inflation, Ohio's GSP grew 31.2 percent from 1990 to 1999. During the same time, the U.S. GSP grew 34.7 percent.
- On a per capita basis, Ohio's GSP grew 26.6 percent, while the U.S. GSP grew 23.3 percent.¹ Several of the largest, most productive industries are concentrated in Ohio. Manufacturing falls into this category. Ohio and U.S. wholesale and retail trade GSP grew at faster rates than the overall national average during the nineties. Both the retail and wholesale sectors, by the end of the decade, comprised a larger share of the state's economy than they did the U.S. economy.
- Throughout the nineties, U.S. GSP per capita remained higher than Ohio GSP per capita. In 1999, the Ohio estimate was \$32,157 compared to the U.S. figure of \$34,138.

¹ The higher overall national growth rate may be explained, in part, by a higher population growth rate for the U.S. From July 1990 to July 1999, Ohio's population increased 3.6 percent and the U.S. population grew 9.3 percent, according to the latest Census Bureau estimates. (Forthcoming revisions will likely show an even greater difference.)

Ohio's Gross State Product: 1990 - 2000

(in Billions of Current Dollars)



Source: U.S. Bureau of Economic Analysis. * - Estimated by the Office of Strategic Research.

Ohio's Leading Roles and the Largest Industries in Ohio

- Ohio's GSP was \$362 billion in 1999—3.9 percent of the nation's and seventh largest among the states. If Ohio were a separate country, its total economic output in 1999 would have ranked twentieth in the world—just behind the Netherlands and ahead of Taiwan (The World Factbook, 2001).
- Ohio ranks third among the states in manufacturing with 6.2 percent of the nation's output; its 7.2 percent of U.S. durable goods production ranks it second in the U.S. (California is first in all these categories.)
- Ohio leads the nation in the production of primary metals (SIC code 33—14.5 percent of the U.S. industry) and rubber and miscellaneous plastics (SIC 30—9.1 percent). Ohio is second in producing fabricated metals (SIC 34—9.7 percent) and motor vehicles and equipment (SIC 371—14.5 percent).
- In addition, Ohio is among the top five states providing industrial machinery and equipment (35), food and kindred products (20), chemical and allied products (28), stone, clay and glass products (32), petroleum and coal products (29), and trucking and warehousing (42) services.
- The two private-sector major industries making the largest contributions to Ohio's GSP are real estate (SIC 65—8.2 percent of Ohio's total) and health services (SIC 80—6.2 percent). Transportation equipment ranks third due to a 4.6 percent contribution from motor vehicles and equipment (SIC 371).

The Top 25 Economies in the World and the U.S., 1999
(in billions of current dollars, except percentages and ranks)

Rank	Totals, 1999		Totals, 1999			Manufacturing, 1999			Durable Goods, 1999		
	Area	GDP/GSP	Area	GSP	Percent of U.S.	Area	GSP	Percent of U.S.	Area	GSP	Percent of U.S.
	GNP only		U.S.	\$9,309.0	100.0%	U.S.	\$1,500.8	100.0%	U.S.	\$877.8	100.0%
1	U.S.-minus-Ohio*	\$8,893	California	\$1,229.1	13.2%	California	\$179.2	11.9%	California	\$121.0	13.8%
2	China	\$4,800	New York	\$754.6	8.1%	Texas	\$96.2	6.4%	Ohio	\$62.9	7.2%
3	Japan	\$2,950	Texas	\$687.3	7.4%	Ohio	\$93.4	6.2%	Michigan	\$59.8	6.8%
4	Germany	\$2,321	Illinois	\$445.7	4.8%	Michigan	\$87.4	5.8%	Texas	\$55.8	6.4%
5	India	\$1,805	Florida	\$442.9	4.8%	New York	\$77.4	5.2%	Illinois	\$39.8	4.5%
6	France	\$1,373	Pennsylvania	\$383.0	4.1%	Pennsylvania	\$74.4	5.0%	Indiana	\$39.5	4.5%
7	United Kingdom	\$1,290	Ohio	\$362.0	3.9%	Illinois	\$72.6	4.8%	New York	\$38.3	4.4%
8	Italy	\$1,212	New Jersey	\$331.5	3.6%	North Carolina	\$62.2	4.1%	Pennsylvania	\$38.1	4.3%
9	Brazil	\$1,057	Michigan	\$308.3	3.3%	Indiana	\$56.3	3.8%	Wisconsin	\$26.1	3.0%
10	Mexico	\$866	Georgia	\$275.7	3.0%	Georgia	\$46.8	3.1%	North Carolina	\$25.7	2.9%
11	Canada	\$722	Massachusetts	\$262.6	2.8%	Wisconsin	\$43.9	2.9%	Massachusetts	\$24.2	2.8%
12	Spain	\$678	North Carolina	\$258.6	2.8%	New Jersey	\$39.3	2.6%	Oregon	\$23.0	2.6%
13	South Korea	\$626	Virginia	\$242.2	2.6%	Massachusetts	\$36.6	2.4%	Tennessee	\$20.7	2.4%
14	Russia	\$620	Washington	\$209.3	2.2%	Tennessee	\$35.4	2.4%	Georgia	\$19.1	2.2%
15	Australia	\$416	Indiana	\$182.2	2.0%	Missouri	\$33.0	2.2%	Minnesota	\$19.0	2.2%
16	Turkey	\$409	Maryland	\$174.7	1.9%	Virginia	\$31.8	2.1%	Kentucky	\$18.6	2.1%
17	Thailand	\$389	Minnesota	\$173.0	1.9%	Florida	\$31.7	2.1%	Florida	\$18.1	2.1%
18	Argentina	\$367	Missouri	\$170.5	1.8%	Minnesota	\$31.3	2.1%	Washington	\$18.0	2.1%
19	Netherlands	\$365	Tennessee	\$170.1	1.8%	Kentucky	\$31.3	2.1%	Missouri	\$17.4	2.0%
20	Ohio	\$362	Wisconsin	\$166.5	1.8%	Oregon	\$27.2	1.8%	Arizona	\$17.3	2.0%
21	Taiwan	\$357	Colorado	\$153.7	1.7%	Washington	\$26.3	1.8%	Connecticut	\$17.0	1.9%
22	Iran	\$348	Connecticut	\$151.8	1.6%	Connecticut	\$25.0	1.7%	Virginia	\$12.7	1.4%
23	South Africa	\$296	Arizona	\$143.7	1.5%	South Carolina	\$22.9	1.5%	Alabama	\$11.8	1.3%
24	Pakistan	\$282	Louisiana	\$129.0	1.4%	Alabama	\$21.9	1.5%	New Jersey	\$11.7	1.3%
25	Philippines	\$282	Alabama	\$115.1	1.2%	Arizona	\$20.7	1.4%	Iowa	\$10.7	1.2%

Note: The U.S. GSP--sum of the 51 GSPs--is close, but not identical, to the U.S. GDP (Beemiller and Downey, 1998).

Sources: U.S. Bureau of Economic Analysis (2001) and U.S. Central Intelligence Agency (2001) <http://www.odci.gov/>.

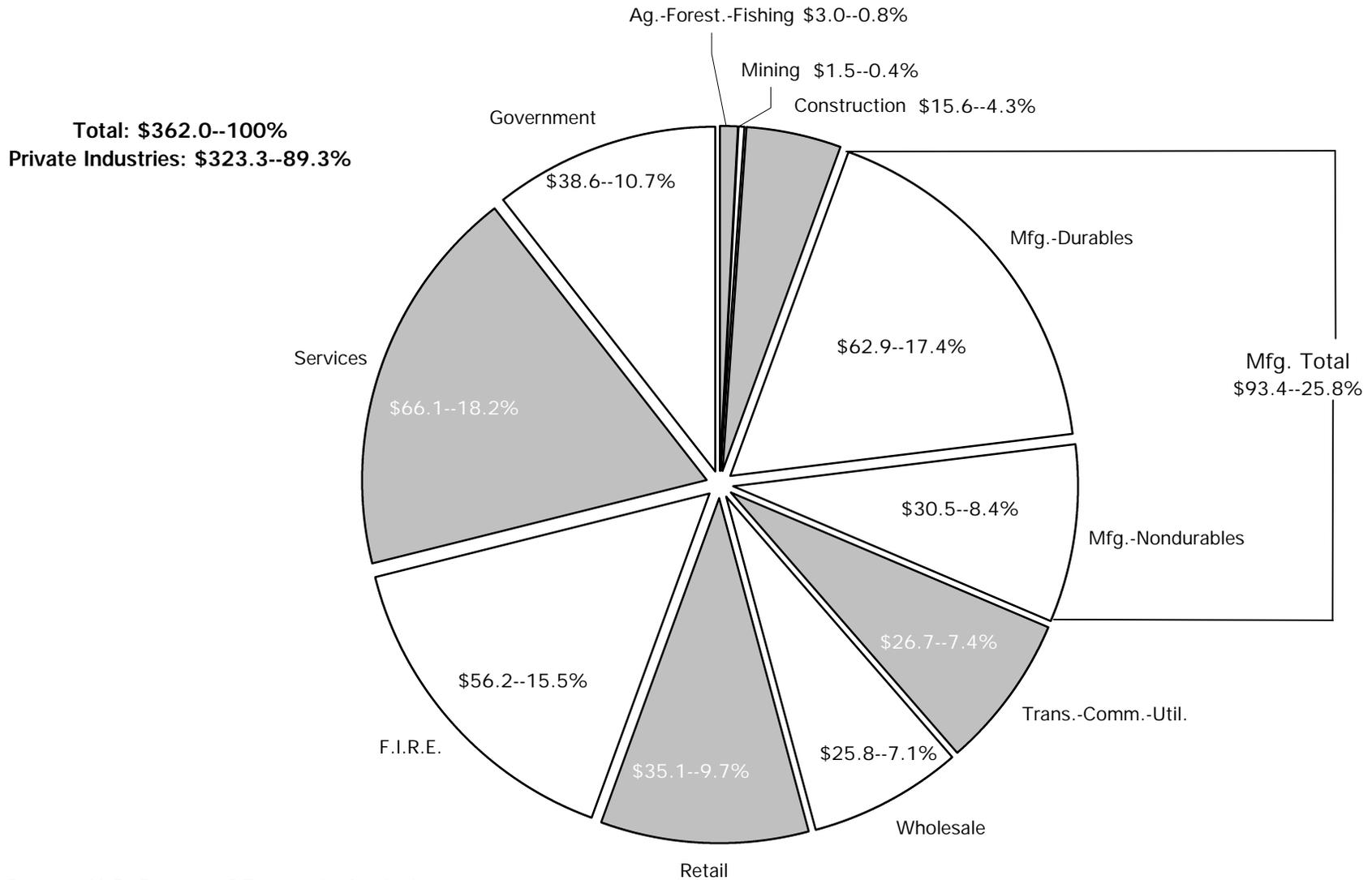
Prepared by: Office of Strategic Research, Ohio Dept. of Development, P.O. Box 1001, Columbus, Oh. 43216-1001. Telephone 800/848-1300, or 614/466-2116 (JK, 6/01).

The Composition of Ohio's Gross State Product, 1999

- The BEA divides the economy into 10 divisions: Agriculture, forestry and fishing (SIC code A); Mining (B); Construction (C); Manufacturing (D); Transportation, communication and utilities (E); Wholesale trade (F); Retail trade (G); Finance, insurance and real estate (H); Services (I); and Government (J). The first nine of these are the private sector. The contribution of these divisions to Ohio's economy is presented below. The private sector produced 89.2 percent of Ohio's GSP in 1999. This percentage is slightly larger than the corresponding figure for the nation.
- The goods producing sector—agriculture-forestry-fishing, mining, construction and manufacturing—combined to produce 31.3 percent of Ohio's GSP. The remainder came from the service-producing sector, including government.
- Based on current dollars, manufacturing is the largest division of Ohio's economy, followed by services and finance-insurance-real estate. For the U.S., services is the largest division, followed by finance-insurance-real estate and manufacturing. For both Ohio and the U.S., the fourth- through tenth-ranked divisions are, in descending order: government, retail trade, transportation-communication-utilities, wholesale trade, construction, agriculture-forestry-fishing, and mining.
- Only California and Texas contributed more to the nation's 1999 manufacturing output than Ohio. Ohio's economy is concentrated in manufacturing, especially durable goods. Major manufacturing industries particularly concentrated in Ohio include: motor vehicles and equipment (SIC code 371), primary and fabricated metal products (33 and 34), rubber and plastics (30), stone, clay and glass products (32), and industrial machinery and equipment (35). Also somewhat concentrated in Ohio are the manufacture of chemicals (28) and petroleum and coal products (29), food and kindred products (20), and miscellaneous manufactures (39). Non-manufacturing industries somewhat concentrated in Ohio are trucking and warehousing (42), depository institutions (60), and health services (80).
- Divisions playing smaller-than-proportional roles in Ohio's economy include agriculture-forestry-fishing, mining, finance-insurance-real estate, services, and the federal government. The role of the military in Ohio's economy is very small. Exceptions to these generalizations are listed in the detailed tables.

Ohio's Gross State Product by Sector, 1999

(in Billions of Dollars, Except Percentages)



Source: U.S. Bureau of Economic Analysis

GSP and Employment, 1990 - 1999

- The charts on the following three pages illustrate the varying relationships between change in GSP—after adjustments for inflation—and change in employment for the major divisions of the economy.
- Total manufacturing employment changed little over the course of this ten-year period. By contrast, manufacturing GSP grew 36 percent. This reflects increased productivity and, to some extent, increased hours worked per worker.
- Mining—which includes oil and gas production—lost 8.2 thousand workers, while mining GSP grew by more than 46 percent. (But mining GSP increased only 17 percent based on current dollars.)
- Within agriculture, farm sector employment declined 5.4 percent, while employment in the smaller agriculture services sector grew 38 percent. The composite result was a 6.8 percent increase. Agriculture GSP varied year-to-year reflecting changes in harvest and market conditions.
- The trade sector (retail and wholesale combined) experienced steady growth in employment and even larger increases in GSP. Services employment grew faster than trade, but output increased at a much lower rate. (This is partially the result of difficulty measuring services GSP where there are few tangible units of output.) Using current dollars, the services sector grew faster than the state economy, indicating its ability to place strong claims on the economy's resources.
- The graphs for construction; finance-insurance-real estate; transportation-communication-utilities; and government show fairly constant relationships between change in employment and change in output. Within government, federal civilian and military employment declined steadily throughout the nineties. State and local employment grew 10 percent, and most of this growth can be attributed to increases in public education employment.

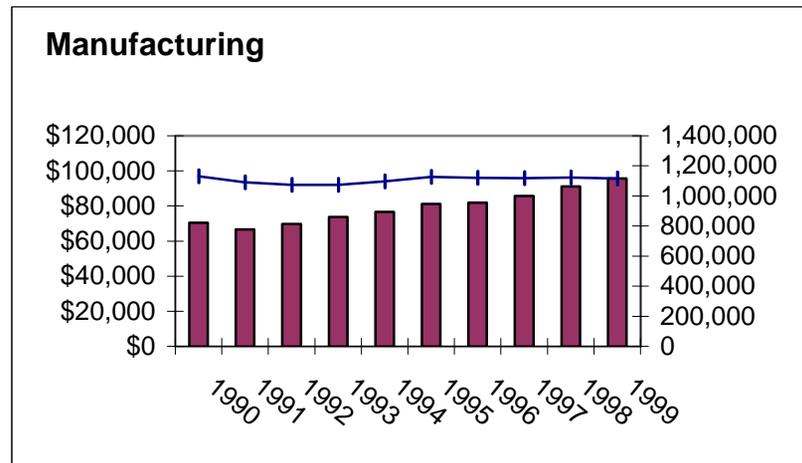
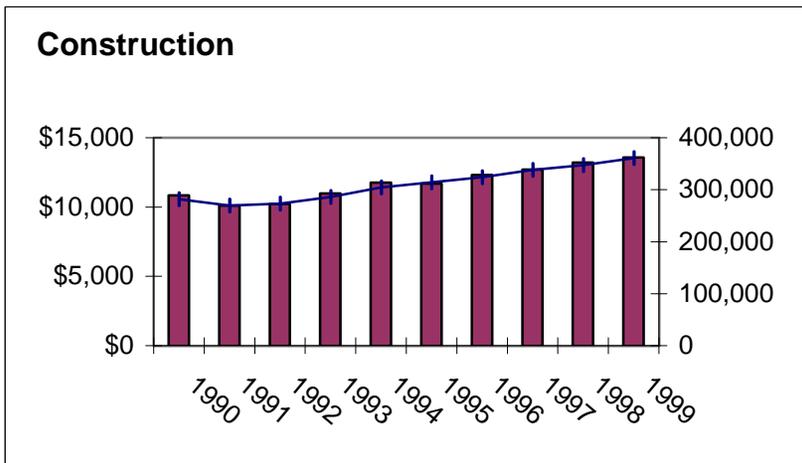
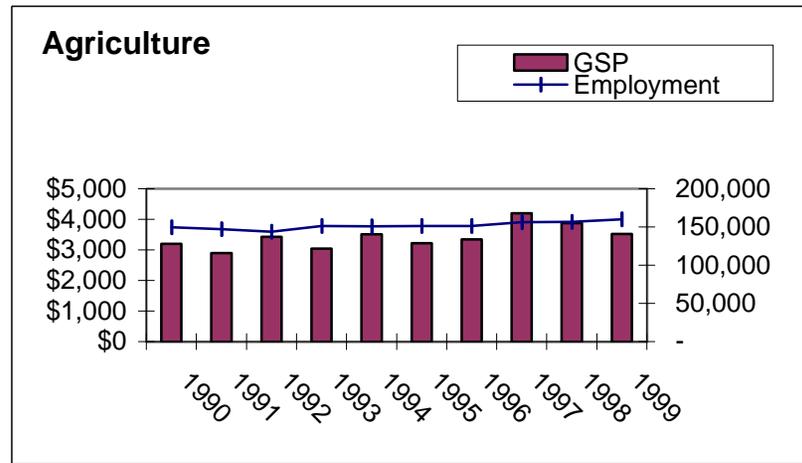
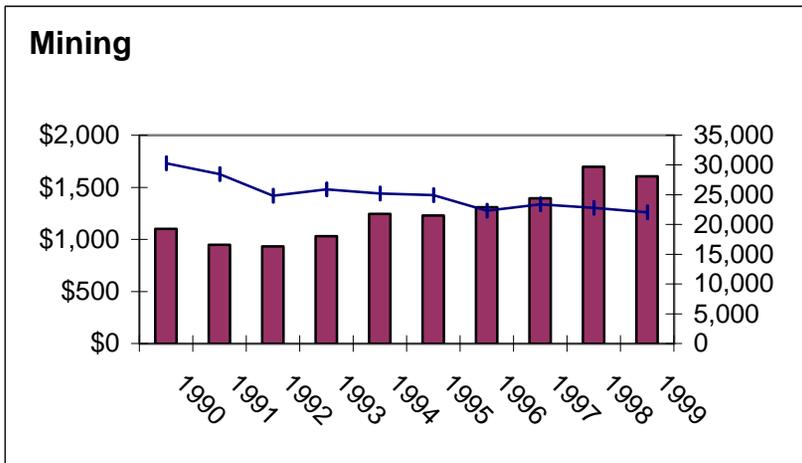
Percent Change in Ohio GSP and Employment, 1990 - 1999 (GSP percent change based on chained 1996 dollars)

	GSP	Employment
Total	31.2%	14.9%
Agriculture, forestry, fishing	10.3%	6.8%
Farms	-2.6%	-5.4%
Agricultural services, forestry & fishing	32.1%	38.2%
Mining	46.1%	-27.2%
Construction	25.3%	28.0%
Manufacturing	35.7%	-1.4%
Transportation, communication, & utilities	26.4%	16.2%
Trade	64.4%	15.7%
Wholesale trade	82.4%	14.2%
Retail trade	52.1%	16.1%
Finance, insurance, & real estate	29.2%	25.2%
Services	18.6%	27.5%
Government	10.2%	4.0%
Federal	-2.5%	-19.5%
Federal civilian	2.4%	-14.1%
Federal military	-22.1%	-29.5%
State and local	13.9%	9.6%

Source: U.S. Bureau of Economic Analysis

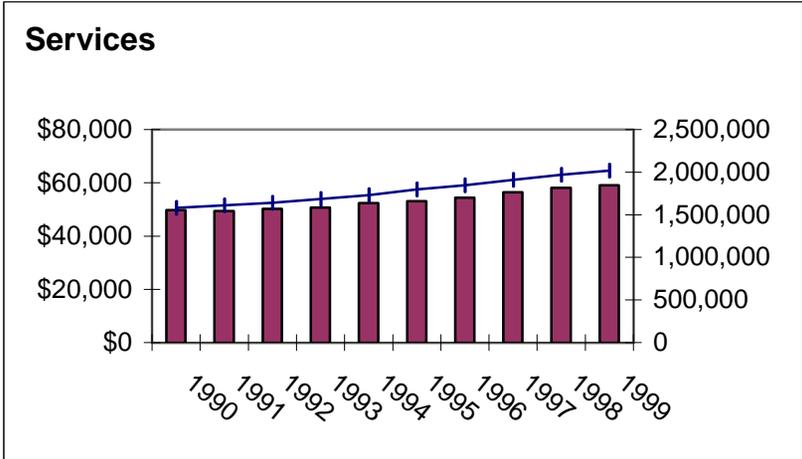
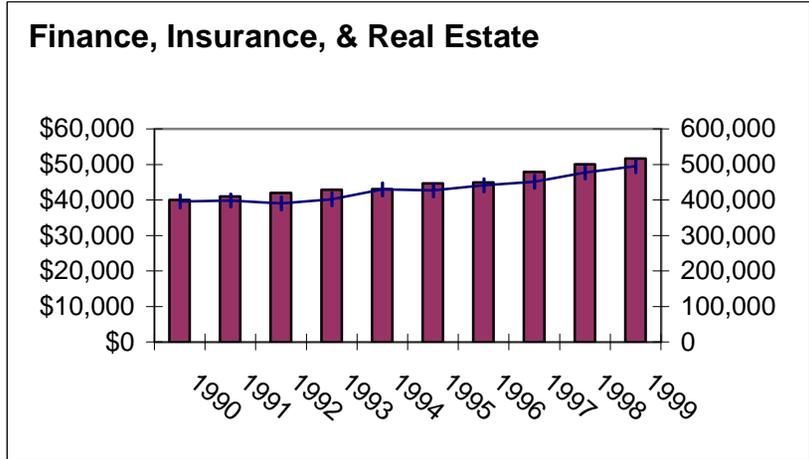
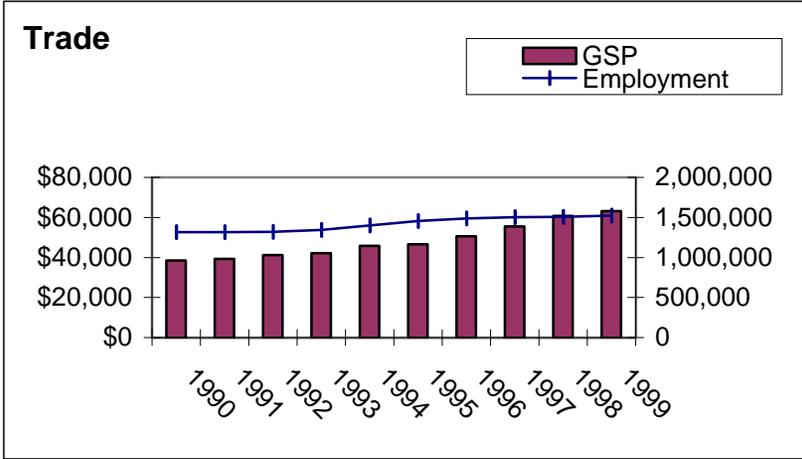
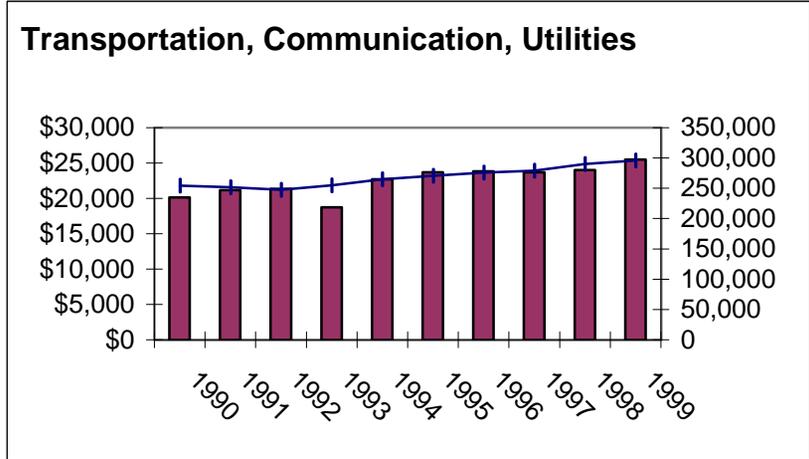
Goods-Producing Industries

(In Millions of Chained 1996 Dollars)



Service-Producing Industries

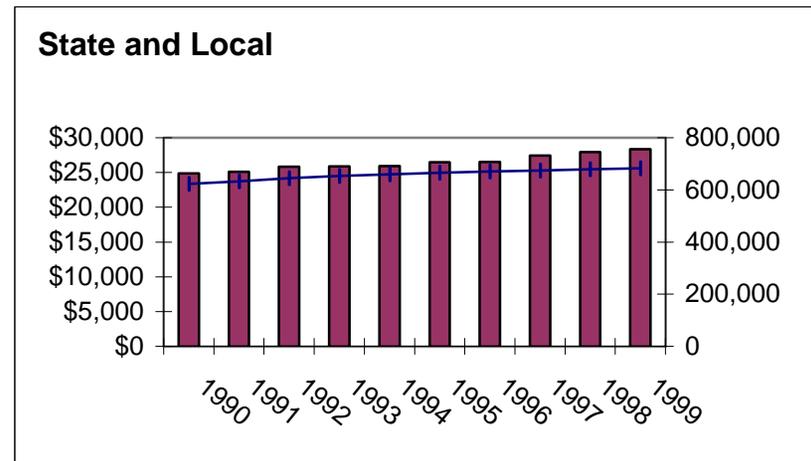
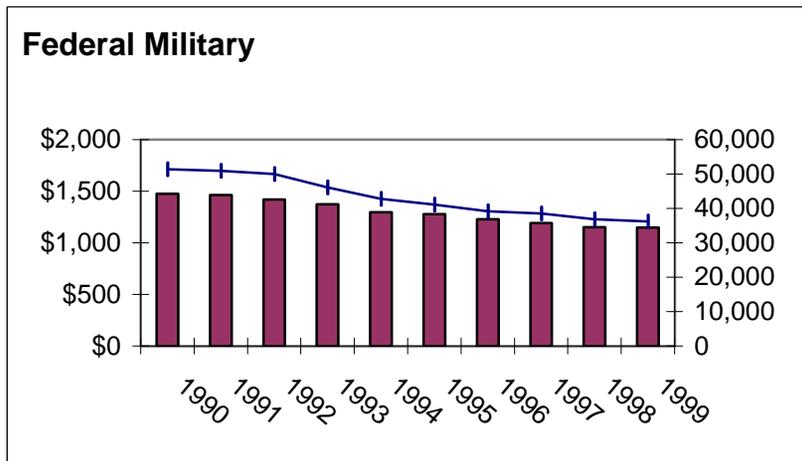
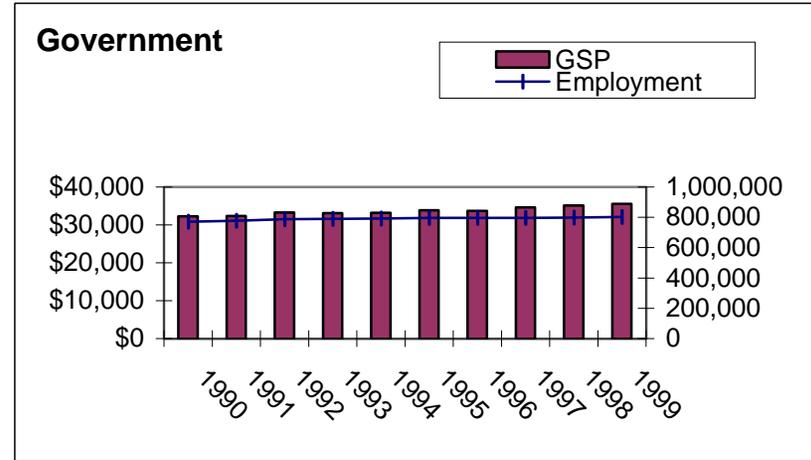
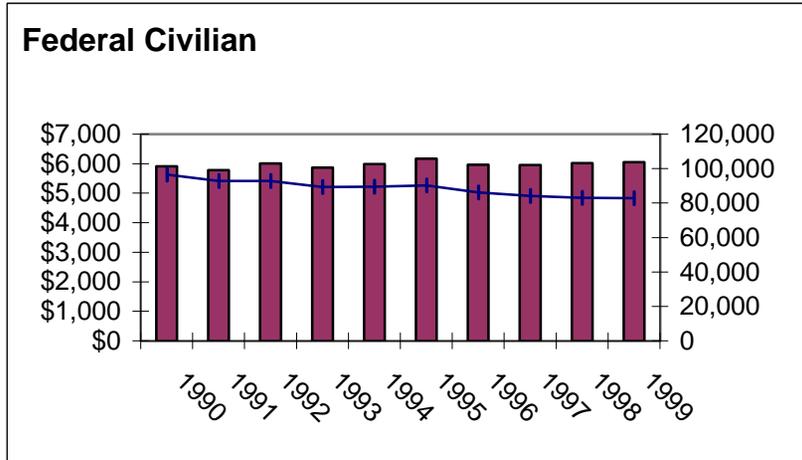
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Source: U.S. Bureau of Economic Analysis

Government

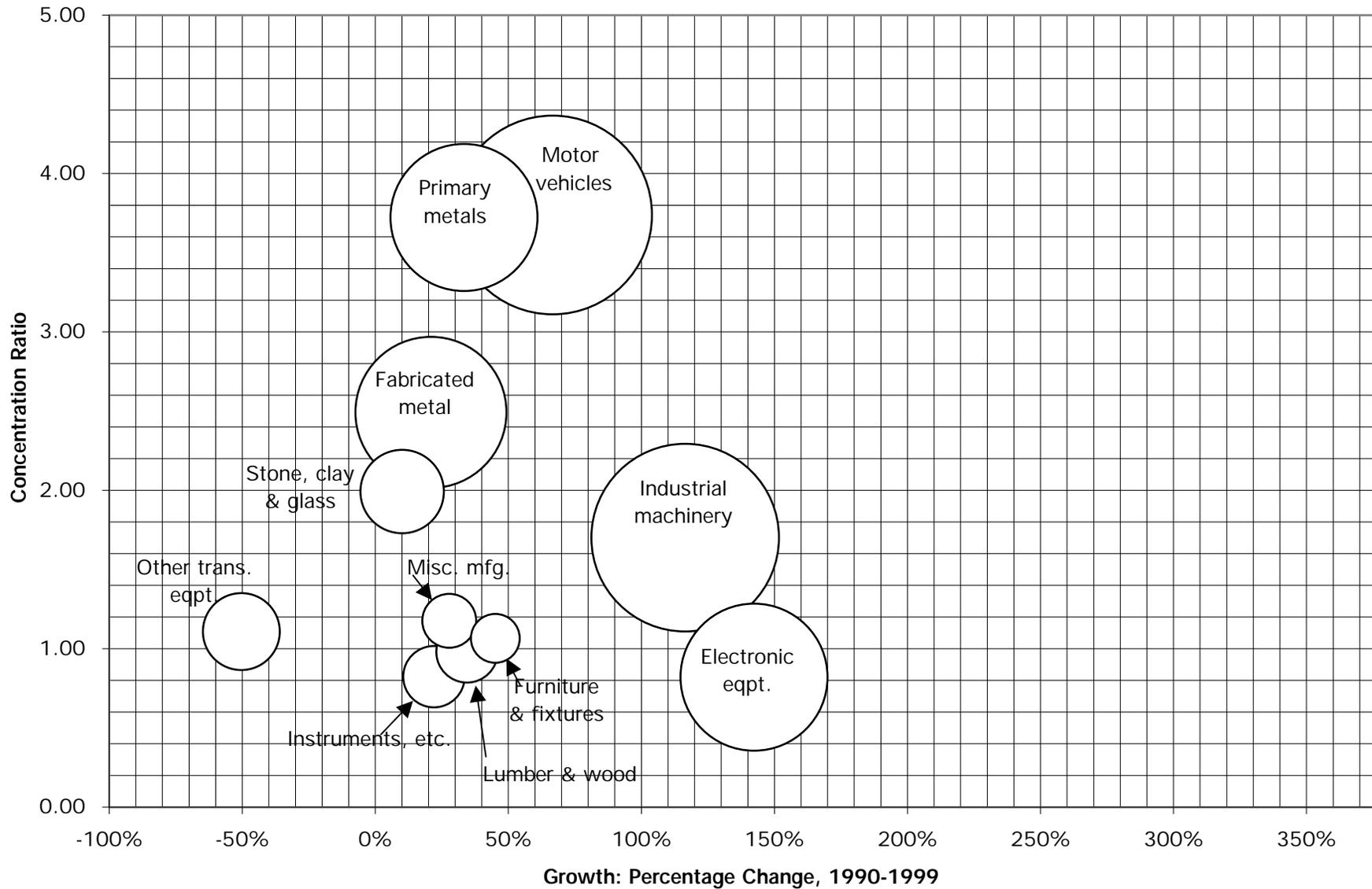
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Size, Growth, and Concentration

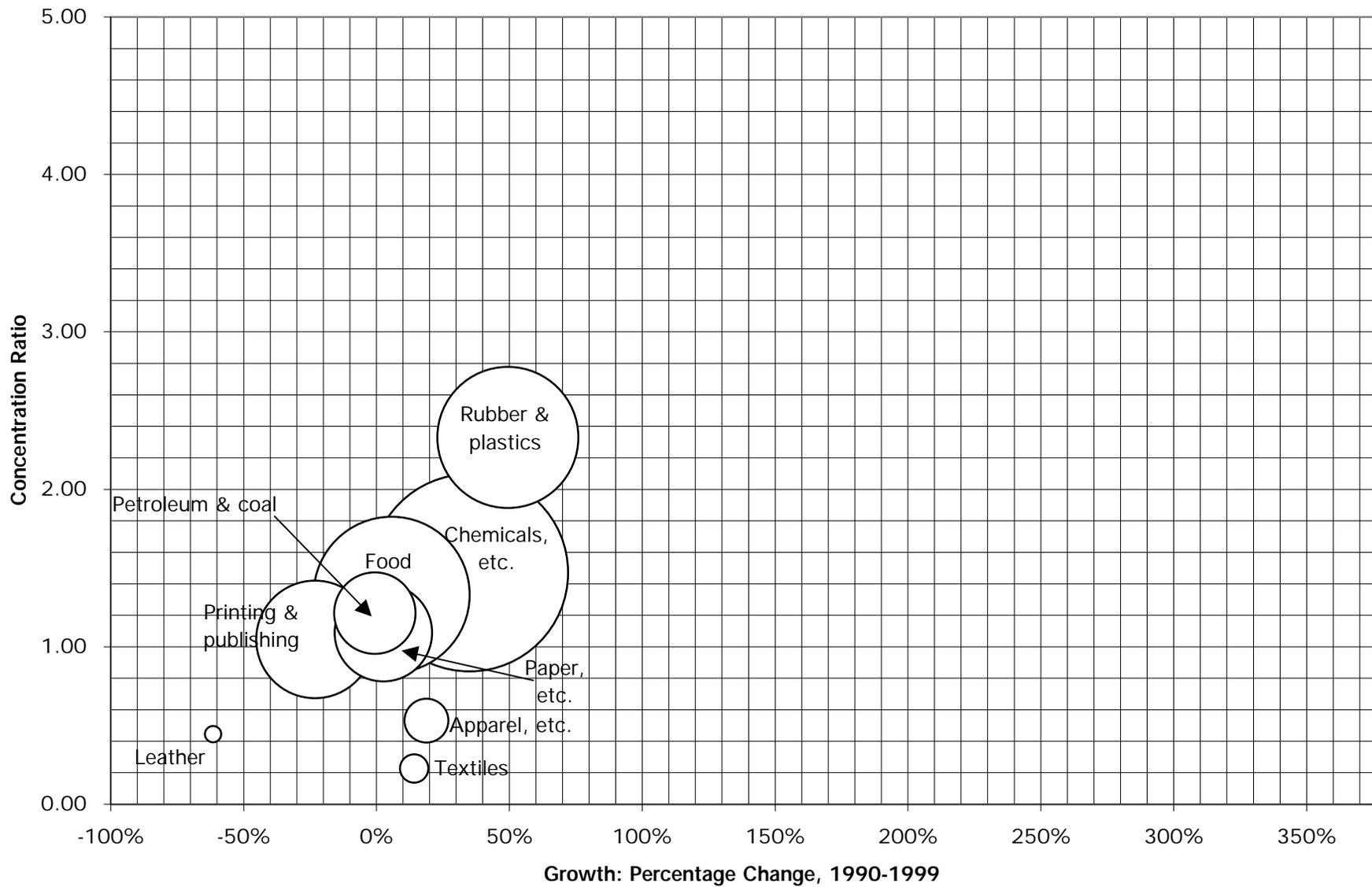
- The three following charts compare industries on the basis of size (larger circles indicate larger 1999 GSPs, expressed in 1996 dollars), growth (the horizontal axis shows percentage change in chain-weighted dollars from 1990 to 1999), and concentration (the vertical axis). Concentration is measured as the ratio of an industry's share of Ohio's GSP to the corresponding industry share of U.S. GSP. It may also be understood as the ratio of the percentage of an industry's production originating in Ohio to Ohio's percentage of total U.S. GSP. For example, if 7.8 percent of an industry's output originates in Ohio, and Ohio is the source for 3.9 percent of the nation's total GSP, then the concentration ratio of that industry in Ohio is 2.0. A ratio of two indicates that the industry is twice as concentrated in Ohio compared to the U.S. A ratio of one indicates the industry has the same share of Ohio's economy as it does of the nation's economy. A ratio less than one means the industry is not concentrated in Ohio. The concentration of some industries in Ohio means that other industries will not be concentrated in the state. (See Tables 9 through 11.)
- Ohio's durable goods group had a concentration ratio of 1.84 in 1999, and three of the constituent industries had ratios greater than two: primary and fabricated metals (33 and 34), and motor vehicles and equipment (371). After adjusting for inflation, industrial machinery and electronic equipment (35 and 36) have been the fastest growing durable goods industries over the last 10 years, but motor vehicles and equipment (371) is still the largest.
- Non-durable goods production is not as concentrated in Ohio. The ratio was 1.26 in 1999. Within this group, rubber and plastics (30) stands out as the industry that is relatively large, rapidly growing, and highly concentrated. Chemicals and allied products (28) is an even larger industry, second only to rubber and plastics in growth and concentration in this group.
- The service-producing industries shown were selected because they experienced greater real growth than the national average (a 34.7 percent increase from 1990 to 1999). None of these industries is highly concentrated in Ohio. The trucking and warehousing concentration ratio is 1.23—the largest ratio in this group.

GSP: Size, Growth, and Concentration in Durable Goods



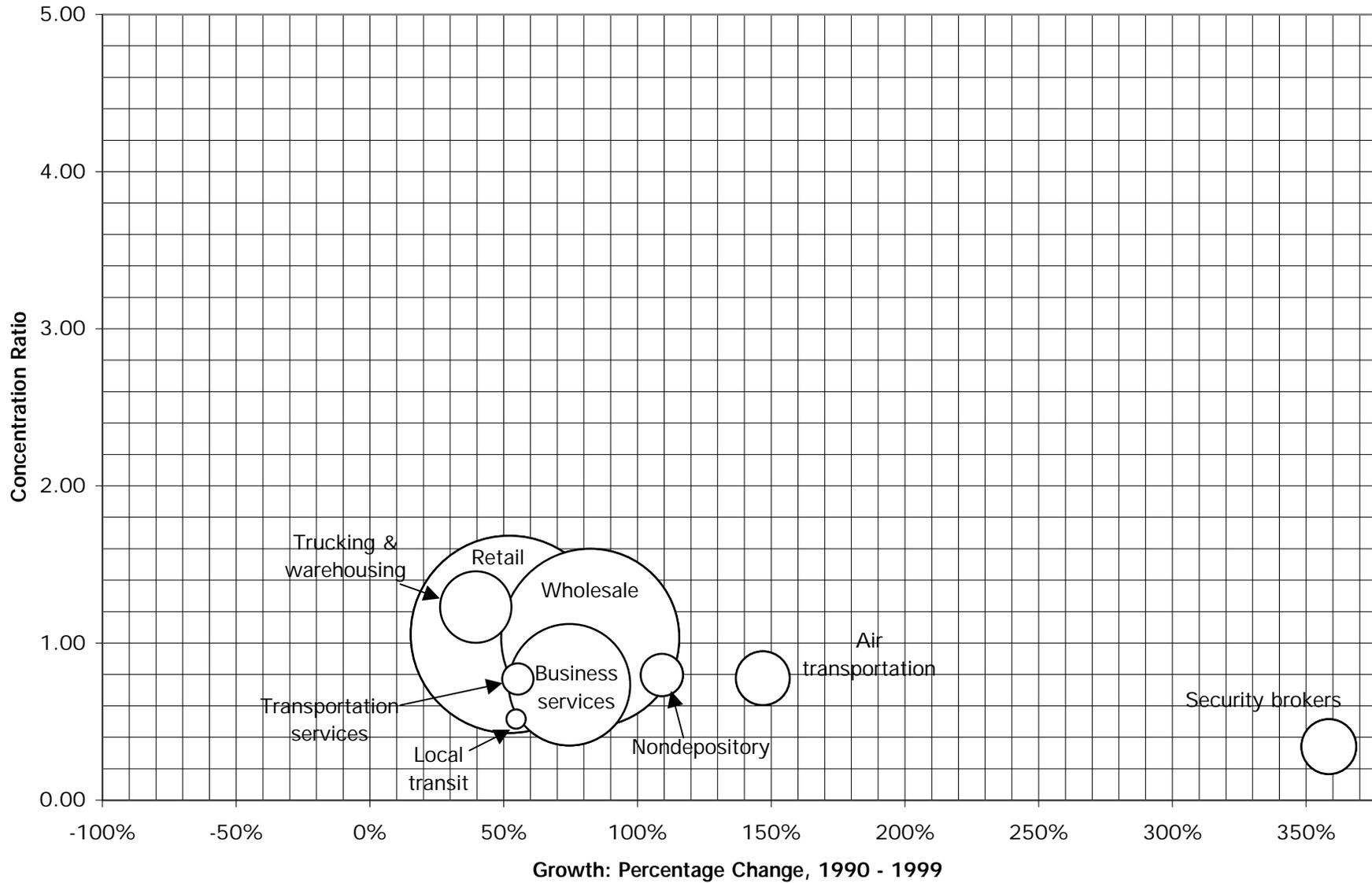
Source: U.S. Bureau of Economic Analysis

GSP: Size, Growth, and Concentration in Nondurable Goods



Source: U.S. Bureau of Economic Analysis

GSP: Size, Growth, and Concentration in Selected Service-Producing Industries



Source: U.S. Bureau of Economic Analysis

Detailed Data Tables

Table 1: OHIO GROSS STATE PRODUCT (GSP), 1990 - 1999

(in millions of current dollars)

1987 Division/ SIC Codes		Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Percent Change 1990 - 1999
A--J		Total Gross State Product	\$230,031	\$235,876	\$250,363	\$260,891	\$280,850	\$295,668	\$306,333	\$326,451	\$346,778	\$361,981	57.4%
A--I		Private industries	\$204,249	\$208,508	\$221,146	\$230,632	\$249,466	\$262,644	\$272,611	\$290,795	\$309,635	\$323,334	58.3%
A		Agriculture, forestry, fishing	\$2,905	\$2,457	\$2,934	\$2,696	\$3,083	\$2,885	\$3,348	\$3,809	\$3,441	\$2,973	2.3%
	01, 02	Farms	\$2,116	\$1,618	\$2,020	\$1,705	\$2,064	\$1,804	\$2,230	\$2,604	\$2,111	\$1,522	-28.1%
	07--09	Agricultural services, forestry & fishing	\$789	\$839	\$913	\$991	\$1,019	\$1,081	\$1,118	\$1,205	\$1,330	\$1,450	83.8%
B		Mining	\$1,294	\$1,054	\$998	\$1,023	\$1,186	\$1,145	\$1,309	\$1,406	\$1,530	\$1,519	17.4%
	10	Metal mining	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N.A.
	12	Coal mining	\$556	\$461	\$460	\$455	\$500	\$388	\$422	\$394	\$471	\$469	-15.6%
	13	Oil & gas extraction	\$498	\$357	\$286	\$292	\$349	\$422	\$499	\$588	\$608	\$591	18.7%
	14	Nonmetallic minerals, except fuels	\$239	\$235	\$252	\$276	\$337	\$335	\$388	\$423	\$451	\$460	92.5%
C/15--17		Construction	\$9,267	\$8,759	\$8,827	\$9,781	\$10,904	\$11,333	\$12,318	\$13,225	\$14,432	\$15,645	68.8%
D		Manufacturing	\$65,834	\$64,165	\$68,114	\$72,850	\$76,793	\$81,187	\$81,956	\$85,032	\$90,383	\$93,409	41.9%
D (part)		Durable goods	\$43,373	\$41,554	\$44,278	\$48,376	\$50,977	\$54,769	\$53,873	\$56,063	\$61,075	\$62,886	45.0%
	24	Lumber & wood products	\$824	\$870	\$1,077	\$1,088	\$1,309	\$1,602	\$1,501	\$1,443	\$1,593	\$1,680	103.9%
	25	Furniture and fixtures	\$579	\$577	\$583	\$649	\$697	\$912	\$777	\$902	\$962	\$1,070	84.8%
	32	Stone, clay, & glass products	\$2,234	\$2,047	\$2,319	\$2,404	\$2,699	\$2,730	\$2,835	\$3,133	\$2,994	\$3,177	42.2%
	33	Primary metals	\$6,522	\$6,132	\$5,878	\$6,819	\$7,484	\$7,764	\$6,847	\$8,111	\$7,937	\$7,945	21.8%
	34	Fabricated metal products	\$6,999	\$6,400	\$6,471	\$7,046	\$8,240	\$8,625	\$8,945	\$9,280	\$9,711	\$10,219	46.0%
	35	Industrial machinery & equipment	\$8,366	\$7,589	\$8,224	\$8,307	\$8,798	\$9,419	\$9,523	\$9,517	\$10,785	\$10,462	25.1%
	36	Electronic equipment	\$5,608	\$5,966	\$5,608	\$6,144	\$6,413	\$6,067	\$6,269	\$6,301	\$6,160	\$5,948	6.1%
	37	Transportation equipment	\$10,522	\$10,054	\$12,202	\$14,097	\$13,428	\$15,600	\$14,799	\$14,972	\$17,918	\$19,206	82.5%
	371	Motor vehicles & equipment	\$6,630	\$6,043	\$8,942	\$11,132	\$11,570	\$12,982	\$12,190	\$13,055	\$15,477	\$16,642	151.0%
	372--379	Other transportation equipment	\$3,892	\$4,011	\$3,260	\$2,965	\$1,858	\$2,618	\$2,609	\$1,917	\$2,441	\$2,564	-34.1%
	38	Instruments and related products	\$914	\$1,107	\$1,156	\$1,010	\$1,063	\$1,179	\$1,383	\$1,217	\$1,817	\$1,919	110.0%
	39	Miscellaneous manufacturing	\$806	\$813	\$758	\$812	\$847	\$872	\$994	\$1,187	\$1,198	\$1,259	56.2%
D (part)		Nondurable goods	\$22,460	\$22,611	\$23,836	\$24,474	\$25,816	\$26,418	\$28,083	\$28,969	\$29,308	\$30,523	35.9%
	20	Food & kindred products	\$5,034	\$5,274	\$5,172	\$5,336	\$5,834	\$6,140	\$6,475	\$6,611	\$6,502	\$6,792	34.9%
	21	Tobacco products	L	L	L	L	\$1	L	L	L	\$1	\$1	N.A.
	22	Textile mill products	\$170	\$165	\$167	\$174	\$184	\$189	\$223	\$211	\$229	\$222	30.6%
	23	Apparel & other textile products	\$380	\$397	\$419	\$476	\$531	\$491	\$472	\$490	\$506	\$526	38.4%
	26	Paper & allied products	\$1,984	\$1,916	\$2,058	\$2,187	\$2,305	\$2,415	\$2,490	\$2,478	\$2,392	\$2,412	21.6%
	27	Printing & publishing	\$3,165	\$3,257	\$3,362	\$3,320	\$3,549	\$3,265	\$3,541	\$3,812	\$3,912	\$4,022	27.1%
	28	Chemicals & allied products	\$5,982	\$6,455	\$7,047	\$7,390	\$7,750	\$8,319	\$8,941	\$9,328	\$9,266	\$10,077	68.5%
	29	Petroleum & coal products	\$2,288	\$1,483	\$1,513	\$1,406	\$1,154	\$1,191	\$1,371	\$1,365	\$1,440	\$1,349	-41.0%
	30	Rubber & miscellaneous plastics	\$3,294	\$3,506	\$3,938	\$4,044	\$4,353	\$4,224	\$4,423	\$4,534	\$4,963	\$5,049	53.3%
	31	Leather & leather products	\$163	\$156	\$158	\$141	\$156	\$183	\$145	\$140	\$97	\$73	-55.2%
E		Transportation, communication, & utilities	\$18,882	\$20,150	\$20,704	\$18,640	\$22,906	\$23,980	\$23,827	\$24,501	\$25,694	\$26,659	41.2%
	40--47	Transportation	\$6,418	\$6,463	\$6,896	\$7,415	\$8,157	\$8,667	\$8,931	\$9,621	\$10,577	\$11,005	71.5%
	40	Railroad transportation	\$1,023	\$988	\$1,110	\$1,143	\$1,135	\$1,134	\$1,068	\$1,023	\$1,103	\$917	-10.4%
	41	Local & interurban passenger transit	\$159	\$182	\$200	\$221	\$232	\$273	\$291	\$316	\$325	\$343	115.7%
	42	Trucking and warehousing	\$3,337	\$3,379	\$3,627	\$3,915	\$4,324	\$4,460	\$4,568	\$4,834	\$5,300	\$5,571	66.9%
	44	Water transportation	\$245	\$253	\$257	\$269	\$303	\$291	\$282	\$288	\$307	\$300	22.4%

Table 1: OHIO GROSS STATE PRODUCT (GSP), 1990 - 1999

(in millions of current dollars)

1987												Percent
Division/ SIC Codes	Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Change 1990 - 1999
45	Transportation by air	\$1,031	\$1,014	\$1,067	\$1,191	\$1,410	\$1,735	\$1,898	\$2,291	\$2,606	\$2,862	177.6%
46	Pipelines, except natural gas	\$84	\$83	\$83	\$84	\$84	\$97	\$93	\$94	\$101	\$106	26.2%
47	Transportation services	\$539	\$563	\$551	\$591	\$670	\$678	\$729	\$776	\$835	\$906	68.1%
48	Communication	\$5,037	\$5,293	\$5,178	\$5,381	\$5,704	\$5,927	\$6,089	\$6,262	\$6,491	\$6,846	35.9%
49	Electric, gas, & sanitary services	\$7,427	\$8,394	\$8,630	\$5,844	\$9,046	\$9,386	\$8,807	\$8,619	\$8,626	\$8,808	18.6%
F/50, 51	Wholesale trade	\$14,858	\$15,872	\$16,440	\$17,406	\$19,801	\$20,541	\$21,667	\$23,562	\$25,050	\$25,814	73.7%
G/52--59	Retail trade	\$20,718	\$21,321	\$22,765	\$23,848	\$26,038	\$27,065	\$28,891	\$30,953	\$33,106	\$35,102	69.4%
H	Finance, insurance, & real estate	\$31,580	\$33,936	\$36,490	\$38,431	\$39,688	\$43,021	\$44,940	\$49,838	\$53,480	\$56,156	77.8%
60	Depository institutions	\$6,853	\$7,653	\$8,662	\$8,149	\$7,901	\$8,757	\$9,411	\$11,574	\$12,638	\$13,385	95.3%
61	Nondepository institution	\$687	\$690	\$827	\$993	\$880	\$1,125	\$1,316	\$1,637	\$1,482	\$1,401	103.9%
62	Security & commodity brokers	\$602	\$567	\$752	\$966	\$1,088	\$1,088	\$1,366	\$1,617	\$1,764	\$2,006	233.2%
63	Insurance carriers	\$2,590	\$3,272	\$3,245	\$3,952	\$4,197	\$4,808	\$4,939	\$5,916	\$6,403	\$6,762	161.1%
64	Insurance agents, brokers, & service	\$1,201	\$1,184	\$1,236	\$1,299	\$1,414	\$1,498	\$1,562	\$1,631	\$1,691	\$1,838	53.0%
65	Real estate	\$19,277	\$20,329	\$21,515	\$22,732	\$24,048	\$25,475	\$26,292	\$27,229	\$28,184	\$29,596	53.5%
67	Holding and other investment offices*	\$368	\$241	\$253	\$341	\$161	\$271	\$54	\$233	\$1,316	\$1,167	217.1%
I	Services	\$38,911	\$40,795	\$43,875	\$45,957	\$49,068	\$51,487	\$54,355	\$58,468	\$62,519	\$66,058	69.8%
70	Hotels & other lodging places	\$839	\$866	\$875	\$911	\$959	\$1,079	\$1,119	\$1,224	\$1,261	\$1,359	62.0%
72	Personal services	\$1,573	\$1,648	\$1,747	\$1,887	\$1,940	\$2,006	\$2,034	\$2,157	\$2,324	\$2,442	55.2%
73	Business services	\$6,394	\$6,624	\$7,262	\$7,910	\$8,933	\$9,599	\$10,473	\$12,111	\$13,360	\$14,558	127.7%
75	Auto repair, services, & parking	\$1,940	\$1,995	\$2,107	\$2,202	\$2,464	\$2,629	\$2,776	\$2,933	\$3,250	\$3,421	76.3%
76	Miscellaneous repair services	\$598	\$570	\$575	\$660	\$660	\$713	\$757	\$786	\$850	\$904	51.2%
78	Motion pictures	\$186	\$189	\$194	\$219	\$212	\$216	\$227	\$237	\$258	\$270	45.2%
79	Amusement and recreation services	\$1,316	\$1,354	\$1,469	\$1,397	\$1,562	\$1,694	\$1,675	\$1,845	\$2,050	\$2,288	73.9%
80	Health services	\$14,454	\$15,640	\$16,789	\$17,568	\$18,394	\$18,987	\$20,003	\$20,837	\$21,611	\$22,452	55.3%
81	Legal services	\$2,392	\$2,491	\$2,742	\$2,682	\$2,777	\$2,933	\$2,895	\$3,059	\$3,205	\$3,400	42.1%
82	Educational services	\$1,381	\$1,492	\$1,585	\$1,637	\$1,711	\$1,829	\$1,908	\$1,974	\$2,115	\$2,237	62.0%
83	Social services	\$1,177	\$1,280	\$1,466	\$1,593	\$1,709	\$1,854	\$1,960	\$2,073	\$2,265	\$2,279	93.6%
86	Membership organizations	\$1,403	\$1,492	\$1,549	\$1,658	\$1,740	\$1,751	\$1,821	\$1,930	\$2,020	\$2,128	51.7%
84, 87, 89	Other services	\$5,036	\$4,936	\$5,277	\$5,382	\$5,749	\$5,922	\$6,431	\$7,026	\$7,636	\$8,063	60.1%
88	Private households	\$223	\$216	\$238	\$250	\$258	\$275	\$276	\$275	\$317	\$257	15.2%
J	Government	\$25,782	\$27,368	\$29,217	\$30,258	\$31,384	\$33,024	\$33,721	\$35,656	\$37,143	\$38,648	49.9%
91--97	Federal	\$5,589	\$5,985	\$6,377	\$6,453	\$6,694	\$7,197	\$7,187	\$7,330	\$7,468	\$7,735	38.4%
91--96, 972	Federal civilian	\$4,376	\$4,736	\$5,074	\$5,193	\$5,497	\$5,994	\$5,960	\$6,114	\$6,275	\$6,506	48.7%
971	Federal military	\$1,213	\$1,249	\$1,303	\$1,260	\$1,197	\$1,203	\$1,227	\$1,216	\$1,193	\$1,229	1.3%
91--96	State and local	\$20,192	\$21,383	\$22,840	\$23,806	\$24,690	\$25,827	\$26,535	\$28,326	\$29,676	\$30,912	53.1%

Notes: L - less than \$500,000 in nominal or real GSP; N.A. - not available, not applicable. * This industry has come to be dominated by mutual funds. Large capital gains--particularly in the mid-1990s--may have had an exaggerated effect on the adjustment of property income. This means that the numbers for the middle years may be unrealistically low, thereby underestimating the relative importance of this industry.

Source: U.S. Bureau of Economic Analysis (2001).

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Table 2: PERCENTAGE DISTRIBUTION OF OHIO'S GROSS STATE PRODUCT (GSP), 1990-1999

(based on current dollars)

1987			1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Difference
Division/ SIC Codes	Industry												1990 - 1999
A--J	Total Gross State Product		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
A--I	Private industries		88.8%	88.4%	88.3%	88.4%	88.8%	88.8%	89.0%	89.1%	89.3%	89.3%	0.5%
A	Agriculture, forestry, fishing		1.3%	1.0%	1.2%	1.0%	1.1%	1.0%	1.1%	1.2%	1.0%	0.8%	-0.4%
	01, 02 Farms		0.9%	0.7%	0.8%	0.7%	0.7%	0.6%	0.7%	0.8%	0.6%	0.4%	-0.5%
	07--09 Agricultural services, forestry & fishing		0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.1%
B	Mining		0.6%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	-0.1%
	10 Metal mining		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	12 Coal mining		0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	-0.1%
	13 Oil & gas extraction		0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	-0.1%
	14 Nonmetallic minerals, except fuels		0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
C/15--17	Construction		4.0%	3.7%	3.5%	3.7%	3.9%	3.8%	4.0%	4.1%	4.2%	4.3%	0.3%
D	Manufacturing		28.6%	27.2%	27.2%	27.9%	27.3%	27.5%	26.8%	26.0%	26.1%	25.8%	-2.8%
D (part)	Durable goods		18.9%	17.6%	17.7%	18.5%	18.2%	18.5%	17.6%	17.2%	17.6%	17.4%	-1.5%
	24 Lumber & wood products		0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%	0.4%	0.5%	0.5%	0.1%
	25 Furniture and fixtures		0.3%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%	0.0%
	32 Stone, clay, & glass products		1.0%	0.9%	0.9%	0.9%	1.0%	0.9%	0.9%	1.0%	0.9%	0.9%	-0.1%
	33 Primary metals		2.8%	2.6%	2.3%	2.6%	2.7%	2.6%	2.2%	2.5%	2.2%	2.2%	-0.6%
	34 Fabricated metal products		3.0%	2.7%	2.6%	2.7%	2.9%	2.9%	2.9%	2.8%	2.8%	2.8%	-0.2%
	35 Industrial machinery & equipment		3.6%	3.2%	3.3%	3.2%	3.1%	3.2%	3.1%	2.9%	3.1%	2.9%	-0.7%
	36 Electronic equipment		2.4%	2.5%	2.2%	2.4%	2.3%	2.1%	2.0%	1.9%	1.8%	1.6%	-0.8%
	37 Transportation equipment		4.6%	4.3%	4.9%	5.4%	4.8%	5.3%	4.8%	4.6%	5.2%	5.3%	0.7%
	371 Motor vehicles & equipment		2.9%	2.6%	3.6%	4.3%	4.1%	4.4%	4.0%	4.0%	4.5%	4.6%	1.7%
	372--379 Other transportation equipment		1.7%	1.7%	1.3%	1.1%	0.7%	0.9%	0.9%	0.6%	0.7%	0.7%	-1.0%
	38 Instruments and related products		0.4%	0.5%	0.5%	0.4%	0.4%	0.4%	0.5%	0.4%	0.5%	0.5%	0.1%
	39 Miscellaneous manufacturing		0.4%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.3%	0.3%	0.0%
D (part)	Nondurable goods		9.8%	9.6%	9.5%	9.4%	9.2%	8.9%	9.2%	8.9%	8.5%	8.4%	-1.3%
	20 Food & kindred products		2.2%	2.2%	2.1%	2.0%	2.1%	2.1%	2.1%	2.0%	1.9%	1.9%	-0.3%
	21 L Tobacco products	L	L	L	L	L	0.0%	L	L	L	0.0%	0.0%	N.A.
	22 Textile mill products		0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
	23 Apparel & other textile products		0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%	0.0%
	26 Paper & allied products		0.9%	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	0.7%	0.7%	-0.2%
	27 Printing & publishing		1.4%	1.4%	1.3%	1.3%	1.3%	1.1%	1.2%	1.1%	1.1%	1.1%	-0.3%
	28 Chemicals & allied products		2.6%	2.7%	2.8%	2.8%	2.8%	2.8%	2.9%	2.9%	2.7%	2.8%	0.2%
	29 Petroleum & coal products		1.0%	0.6%	0.6%	0.5%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	-0.6%
	30 Rubber & miscellaneous plastics		1.4%	1.5%	1.6%	1.6%	1.5%	1.4%	1.4%	1.4%	1.4%	1.4%	0.0%
	31 Leather & leather products		0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	-0.1%
E	Transportation, communication, & utilities		8.2%	8.5%	8.3%	7.1%	8.2%	8.1%	7.8%	7.5%	7.4%	7.4%	-0.8%
	40--47 Transportation		2.8%	2.7%	2.8%	2.8%	2.9%	2.9%	2.9%	2.9%	3.1%	3.0%	0.3%
	40 Railroad transportation		0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%	-0.2%
	41 Local & interurban passenger transit		0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
	42 Trucking and warehousing		1.5%	1.4%	1.4%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	0.1%
	44 Water transportation		0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%

Table 2: PERCENTAGE DISTRIBUTION OF OHIO'S GROSS STATE PRODUCT (GSP), 1990-1999

(based on current dollars)

1987													Difference
Division/ SIC Codes	Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	1990 - 1999	
	45	Transportation by air	0.4%	0.4%	0.4%	0.5%	0.5%	0.6%	0.6%	0.7%	0.8%	0.8%	0.3%
	46	Pipelines, except natural gas	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	47	Transportation services	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.0%	
	48	Communication	2.2%	2.2%	2.1%	2.1%	2.0%	2.0%	2.0%	1.9%	1.9%	-0.3%	
	49	Electric, gas, & sanitary services	3.2%	3.6%	3.4%	2.2%	3.2%	3.2%	2.9%	2.6%	2.5%	-0.8%	
F/50, 51		Wholesale trade	6.5%	6.7%	6.6%	6.7%	7.1%	6.9%	7.1%	7.2%	7.2%	7.1%	0.7%
G/52--59		Retail trade	9.0%	9.0%	9.1%	9.1%	9.3%	9.2%	9.4%	9.5%	9.5%	9.7%	0.7%
H		Finance, insurance, & real estate	13.7%	14.4%	14.6%	14.7%	14.1%	14.6%	14.7%	15.3%	15.4%	15.5%	1.8%
	60	Depository institutions	3.0%	3.2%	3.5%	3.1%	2.8%	3.0%	3.1%	3.5%	3.6%	3.7%	0.7%
	61	Nondepository institution	0.3%	0.3%	0.3%	0.4%	0.3%	0.4%	0.4%	0.5%	0.4%	0.4%	0.1%
	62	Security & commodity brokers	0.3%	0.2%	0.3%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.6%	0.3%
	63	Insurance carriers	1.1%	1.4%	1.3%	1.5%	1.5%	1.6%	1.6%	1.8%	1.8%	1.9%	0.7%
	64	Insurance agents, brokers, & service	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.0%
	65	Real estate	8.4%	8.6%	8.6%	8.7%	8.6%	8.6%	8.6%	8.3%	8.1%	8.2%	-0.2%
	67	Holding and other investment offices*	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.1%	0.4%	0.3%	0.2%
I		Services	16.9%	17.3%	17.5%	17.6%	17.5%	17.4%	17.7%	17.9%	18.0%	18.2%	1.3%
	70	Hotels & other lodging places	0.4%	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.0%
	72	Personal services	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.0%
	73	Business services	2.8%	2.8%	2.9%	3.0%	3.2%	3.2%	3.4%	3.7%	3.9%	4.0%	1.2%
	75	Auto repair, services, & parking	0.8%	0.8%	0.8%	0.8%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.1%
	76	Miscellaneous repair services	0.3%	0.2%	0.2%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.0%
	78	Motion pictures	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
	79	Amusement and recreation services	0.6%	0.6%	0.6%	0.5%	0.6%	0.6%	0.5%	0.6%	0.6%	0.6%	0.1%
	80	Health services	6.3%	6.6%	6.7%	6.7%	6.5%	6.4%	6.5%	6.4%	6.2%	6.2%	-0.1%
	81	Legal services	1.0%	1.1%	1.1%	1.0%	1.0%	1.0%	0.9%	0.9%	0.9%	0.9%	-0.1%
	82	Educational services	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.0%
	83	Social services	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.6%	0.1%
	86	Membership organizations	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.0%
	84, 87, 89	Other services	2.2%	2.1%	2.1%	2.1%	2.0%	2.0%	2.1%	2.2%	2.2%	2.2%	0.0%
	88	Private households	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
J		Government	11.2%	11.6%	11.7%	11.6%	11.2%	11.2%	11.0%	10.9%	10.7%	10.7%	-0.5%
	91--97	Federal	2.4%	2.5%	2.5%	2.5%	2.4%	2.4%	2.3%	2.2%	2.2%	2.1%	-0.3%
	91--96, 972	Federal civilian	1.9%	2.0%	2.0%	2.0%	2.0%	2.0%	1.9%	1.9%	1.8%	1.8%	-0.1%
	971	Federal military	0.5%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%	0.3%	0.3%	-0.2%
	91--96	State and local	8.8%	9.1%	9.1%	9.1%	8.8%	8.7%	8.7%	8.7%	8.6%	8.5%	-0.2%

Notes: L - less than \$500,000 in nominal or real GSP; N.A.- not available, not applicable. * This industry has come to be dominated by mutual funds. Large capital gains--particularly in the mid-1990s--may have had an exaggerated effect on the adjustment of property income. This means that the numbers for the middle years may be unrealistically low, thereby underestimating the relative importance of this industry.

Source: U.S. Bureau of Economic Analysis (2001).

Prepared by: Office of Strategic Research, Ohio Department of Development, P.O. Box 1001, Columbus, Oh. 43216-1001. Telephone 614-466-2116 (JK, 6/01)

TABLE 3: OHIO GROSS STATE PRODUCT (GSP), 1990 - 1999

(in millions of chained 1996 dollars)

1987 Division/ SIC Codes	Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Real % Change 1990 - 1999
A--J	Total Gross State Product	\$265,943	\$263,160	\$271,844	\$276,024	\$290,068	\$299,232	\$306,333	\$322,050	\$337,674	\$348,890	31.2%
A--I	Private industries	\$233,750	\$230,911	\$238,693	\$242,955	\$256,855	\$265,344	\$272,611	\$287,454	\$302,614	\$313,425	34.1%
A	Agriculture, forestry, fishing	\$3,194	\$2,900	\$3,427	\$3,038	\$3,512	\$3,218	\$3,348	\$4,195	\$3,877	\$3,523	10.3%
01, 02	Farms	\$2,238	\$1,892	\$2,401	\$1,988	\$2,476	\$2,106	\$2,230	\$3,056	\$2,621	\$2,180	-2.6%
07--09	Agricultural services, forestry & fishing	\$952	\$1,016	\$1,036	\$1,050	\$1,056	\$1,109	\$1,118	\$1,163	\$1,236	\$1,258	32.1%
B	Mining	\$1,100	\$949	\$933	\$1,031	\$1,244	\$1,229	\$1,309	\$1,394	\$1,697	\$1,607	46.1%
10	Metal mining	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N.A.
12	Coal mining	\$356	\$308	\$323	\$364	\$427	\$364	\$422	\$415	\$520	\$545	53.1%
13	Oil & gas extraction	\$500	\$403	\$338	\$354	\$454	\$540	\$499	\$571	\$745	\$635	27.0%
14	Nonmetallic minerals, except fuels	\$247	\$241	\$258	\$292	\$345	\$334	\$388	\$407	\$437	\$428	73.3%
C/15--17	Construction	\$10,831	\$10,116	\$10,232	\$10,970	\$11,769	\$11,696	\$12,318	\$12,694	\$13,200	\$13,570	25.3%
D	Manufacturing	\$70,503	\$66,636	\$69,712	\$73,761	\$76,596	\$81,075	\$81,956	\$85,771	\$91,224	\$95,683	35.7%
D (part)	Durable goods	\$45,030	\$42,093	\$44,175	\$47,835	\$49,822	\$54,171	\$53,873	\$57,324	\$64,002	\$67,181	49.2%
24	Lumber & wood products	\$1,154	\$1,184	\$1,319	\$1,125	\$1,278	\$1,574	\$1,501	\$1,385	\$1,522	\$1,552	34.5%
25	Furniture and fixtures	\$673	\$646	\$651	\$723	\$745	\$968	\$777	\$879	\$905	\$977	45.2%
32	Stone, clay, & glass products	\$2,593	\$2,303	\$2,613	\$2,645	\$2,840	\$2,767	\$2,835	\$3,085	\$2,819	\$2,855	10.1%
33	Primary metals	\$6,590	\$6,585	\$6,489	\$7,685	\$7,942	\$7,269	\$6,847	\$8,124	\$8,023	\$8,789	33.4%
34	Fabricated metal products	\$7,678	\$6,733	\$6,725	\$7,276	\$8,556	\$8,981	\$8,945	\$9,143	\$9,188	\$9,289	21.0%
35	Industrial machinery & equipment	\$6,616	\$5,983	\$6,680	\$7,072	\$7,760	\$8,845	\$9,523	\$10,525	\$13,371	\$14,326	116.5%
36	Electronic equipment	\$3,641	\$3,918	\$3,820	\$4,316	\$4,754	\$5,318	\$6,269	\$6,921	\$8,026	\$8,826	142.4%
37	Transportation equipment	\$14,492	\$12,540	\$14,051	\$15,343	\$14,005	\$16,349	\$14,799	\$15,018	\$17,821	\$18,466	27.4%
371	Motor vehicles & equipment	\$9,622	\$7,820	\$10,443	\$12,153	\$12,050	\$13,634	\$12,190	\$13,126	\$15,453	\$16,045	66.8%
372--379	Other transportation equipment	\$4,870	\$4,720	\$3,608	\$3,190	\$1,955	\$2,715	\$2,609	\$1,892	\$2,368	\$2,421	-50.3%
38	Instruments and related products	\$1,279	\$1,449	\$1,427	\$1,195	\$1,221	\$1,314	\$1,383	\$1,131	\$1,549	\$1,561	22.0%
39	Miscellaneous manufacturing	\$928	\$888	\$798	\$830	\$861	\$897	\$994	\$1,169	\$1,147	\$1,186	27.8%
D (part)	Nondurable goods	\$25,572	\$24,678	\$25,667	\$25,980	\$26,820	\$26,892	\$28,083	\$28,466	\$27,461	\$28,758	12.5%
20	Food & kindred products	\$5,720	\$5,680	\$5,442	\$5,683	\$5,959	\$6,757	\$6,475	\$6,340	\$5,993	\$6,051	5.8%
21	Tobacco products	L	L	L	L	\$1	L	L	L	L	L	N.A.
22	Textile mill products	\$176	\$168	\$166	\$175	\$193	\$198	\$223	\$205	\$213	\$201	14.2%
23	Apparel & other textile products	\$408	\$412	\$424	\$474	\$529	\$505	\$472	\$488	\$490	\$485	18.9%
26	Paper & allied products	\$2,311	\$2,303	\$2,490	\$2,828	\$2,823	\$2,139	\$2,490	\$2,682	\$2,404	\$2,372	2.6%
27	Printing & publishing	\$4,456	\$4,250	\$4,114	\$3,827	\$3,939	\$3,603	\$3,541	\$3,613	\$3,496	\$3,425	-23.1%
28	Chemicals & allied products	\$7,136	\$7,317	\$7,854	\$7,956	\$8,127	\$8,165	\$8,941	\$9,299	\$8,794	\$9,638	35.1%
29	Petroleum & coal products	\$1,656	\$1,033	\$1,128	\$979	\$866	\$1,104	\$1,371	\$1,113	\$1,163	\$1,647	-0.5%
30	Rubber & miscellaneous plastics	\$3,298	\$3,429	\$3,889	\$3,999	\$4,347	\$4,301	\$4,423	\$4,632	\$4,840	\$4,929	49.5%
31	Leather & leather products	\$179	\$167	\$167	\$146	\$160	\$184	\$145	\$137	\$92	\$69	-61.5%
E	Transportation, communication, & utilities	\$20,152	\$21,162	\$21,370	\$18,753	\$22,687	\$23,694	\$23,827	\$23,700	\$23,998	\$25,473	26.4%
40--47	Transportation	\$6,403	\$6,438	\$6,897	\$7,266	\$7,978	\$8,374	\$8,931	\$9,064	\$9,296	\$9,705	51.6%
40	Railroad transportation	\$936	\$939	\$1,069	\$1,091	\$1,077	\$1,091	\$1,068	\$1,014	\$1,039	\$891	-4.8%
41	Local & interurban passenger transit	\$223	\$222	\$228	\$246	\$256	\$289	\$291	\$312	\$313	\$345	54.7%
42	Trucking and warehousing	\$3,275	\$3,415	\$3,685	\$3,910	\$4,269	\$4,339	\$4,568	\$4,402	\$4,397	\$4,572	39.6%
44	Water transportation	\$249	\$241	\$249	\$264	\$300	\$282	\$282	\$291	\$295	\$260	4.4%

TABLE 3: OHIO GROSS STATE PRODUCT (GSP), 1990 - 1999

(in millions of chained 1996 dollars)

1987 Division/ SIC Codes	Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Real % Change 1990 - 1999
45	Transportation by air	\$1,067	\$971	\$1,043	\$1,095	\$1,345	\$1,613	\$1,898	\$2,192	\$2,333	\$2,635	147.0%
46	Pipelines, except natural gas	\$87	\$94	\$90	\$91	\$85	\$89	\$93	\$101	\$108	\$115	32.2%
47	Transportation services	\$580	\$570	\$544	\$582	\$656	\$674	\$729	\$757	\$827	\$901	55.3%
48	Communication	\$5,279	\$5,510	\$5,349	\$5,487	\$5,707	\$5,928	\$6,089	\$6,176	\$6,431	\$6,962	31.9%
49	Electric, gas, & sanitary services	\$8,530	\$9,317	\$9,203	\$5,987	\$9,011	\$9,401	\$8,807	\$8,457	\$8,263	\$8,820	3.4%
F/50, 51	Wholesale trade	\$15,606	\$16,714	\$17,643	\$18,207	\$19,901	\$19,820	\$21,667	\$24,281	\$27,282	\$28,464	82.4%
G/52--59	Retail trade	\$22,829	\$22,576	\$23,508	\$24,006	\$25,897	\$26,840	\$28,891	\$31,155	\$33,466	\$34,730	52.1%
H	Finance, insurance, & real estate	\$40,000	\$40,951	\$42,016	\$42,898	\$43,012	\$44,671	\$44,940	\$47,852	\$50,067	\$51,675	29.2%
60	Depository institutions	\$9,760	\$9,729	\$9,901	\$9,485	\$8,971	\$9,336	\$9,411	\$10,398	\$10,774	\$11,178	14.5%
61	Nondepository institution	\$776	\$747	\$891	\$1,051	\$893	\$1,101	\$1,316	\$1,758	\$1,625	\$1,623	109.1%
62	Security & commodity brokers	\$598	\$561	\$701	\$901	\$1,061	\$1,070	\$1,366	\$1,718	\$2,004	\$2,742	358.5%
63	Insurance carriers	\$4,499	\$5,377	\$4,864	\$5,207	\$5,139	\$5,198	\$4,939	\$5,487	\$5,803	\$5,845	29.9%
64	Insurance agents, brokers, & service	\$1,958	\$1,925	\$1,774	\$1,582	\$1,608	\$1,584	\$1,562	\$1,555	\$1,557	\$1,631	-16.7%
65	Real estate	\$22,107	\$22,661	\$23,714	\$24,363	\$25,149	\$26,092	\$26,292	\$26,746	\$27,147	\$27,867	26.1%
67	Holding and other investment offices*	\$688	\$443	\$373	\$484	\$233	\$333	\$54	\$176	\$898	\$750	9.0%
I	Services	\$49,798	\$49,361	\$50,226	\$50,654	\$52,377	\$53,138	\$54,355	\$56,494	\$58,104	\$59,067	18.6%
70	Hotels & other lodging places	\$999	\$967	\$955	\$964	\$989	\$1,096	\$1,119	\$1,124	\$1,087	\$1,094	9.5%
72	Personal services	\$1,919	\$1,913	\$1,964	\$2,047	\$2,034	\$2,062	\$2,034	\$2,079	\$2,188	\$2,228	16.1%
73	Business services	\$7,564	\$7,605	\$8,061	\$8,618	\$9,645	\$9,980	\$10,473	\$11,761	\$12,473	\$13,211	74.7%
75	Auto repair, services, & parking	\$2,388	\$2,337	\$2,369	\$2,381	\$2,582	\$2,660	\$2,776	\$2,812	\$3,005	\$3,086	29.2%
76	Miscellaneous repair services	\$861	\$776	\$708	\$743	\$731	\$774	\$757	\$745	\$750	\$720	-16.4%
78	Motion pictures	\$223	\$214	\$217	\$245	\$230	\$228	\$227	\$232	\$248	\$246	10.3%
79	Amusement and recreation services	\$1,623	\$1,585	\$1,677	\$1,547	\$1,667	\$1,758	\$1,675	\$1,789	\$1,915	\$2,055	26.6%
80	Health services	\$19,457	\$19,607	\$19,666	\$19,477	\$19,473	\$19,477	\$20,003	\$20,276	\$20,268	\$20,236	4.0%
81	Legal services	\$3,147	\$3,082	\$3,203	\$2,986	\$2,981	\$3,049	\$2,895	\$2,927	\$2,946	\$3,042	-3.3%
82	Educational services	\$1,757	\$1,796	\$1,821	\$1,829	\$1,845	\$1,921	\$1,908	\$1,894	\$1,939	\$1,927	9.7%
83	Social services	\$1,488	\$1,521	\$1,645	\$1,748	\$1,828	\$1,928	\$1,960	\$1,992	\$2,062	\$1,970	32.4%
86	Membership organizations	\$1,702	\$1,756	\$1,758	\$1,841	\$1,913	\$1,835	\$1,821	\$1,831	\$1,830	\$1,884	10.7%
84, 87, 89	Other services	\$6,455	\$6,006	\$5,942	\$5,959	\$6,185	\$6,089	\$6,431	\$6,766	\$7,102	\$7,150	10.8%
88	Private households	\$271	\$248	\$265	\$272	\$275	\$283	\$276	\$268	\$300	\$237	-12.5%
J	Government	\$32,261	\$32,348	\$33,243	\$33,135	\$33,229	\$33,896	\$33,721	\$34,604	\$35,099	\$35,536	10.2%
91--97	Federal	\$7,381	\$7,244	\$7,431	\$7,242	\$7,286	\$7,445	\$7,187	\$7,150	\$7,168	\$7,199	-2.5%
91--96, 972	Federal civilian	\$5,906	\$5,781	\$6,010	\$5,868	\$5,991	\$6,168	\$5,960	\$5,959	\$6,016	\$6,050	2.4%
971	Federal military	\$1,475	\$1,463	\$1,421	\$1,374	\$1,295	\$1,277	\$1,227	\$1,191	\$1,152	\$1,149	-22.1%
91--96	State and local	\$24,887	\$25,102	\$25,815	\$25,893	\$25,945	\$26,452	\$26,535	\$27,453	\$27,929	\$28,334	13.9%

Notes: L - less than \$500,000 in nominal or real GSP; N.A.- not available, not applicable. * This industry has come to be dominated by mutual funds. Large capital gains--particularly in the mid-1990s--may have had an exaggerated effect on the adjustment of property income. This means that the numbers for the middle years may be unrealistically low, thereby underestimating the relative importance of this industry.

Source: U.S. Bureau of Economic Analysis (2001).

Prepared by: Office of Strategic Research, Ohio Department of Development, P.O. Box 1001, Columbus, Oh. 43216-1001. Telephone 614-466-2116 (JK, 6/01)

TABLE: 4 PERCENTAGE DISTRIBUTION OF OHIO'S GROSS STATE PRODUCT (GSP), 1990 - 1999

(based on chained 1996 dollars)

1987 Division/ SIC Codes	Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Real Difference 1990-1999
A--J	Total Gross State Product	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
A--I	Private industries	87.9%	87.7%	87.8%	88.0%	88.5%	88.7%	89.0%	89.3%	89.6%	89.8%	1.9%
A	Agriculture, forestry, fishing	1.2%	1.1%	1.3%	1.1%	1.2%	1.1%	1.1%	1.3%	1.1%	1.0%	-0.2%
01, 02	Farms	0.8%	0.7%	0.9%	0.7%	0.9%	0.7%	0.7%	0.9%	0.8%	0.6%	-0.2%
07--09	Agricultural services, forestry & fishing	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.0%
B	Mining	0.4%	0.4%	0.3%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.0%
10	Metal mining	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
12	Coal mining	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.0%
13	Oil & gas extraction	0.2%	0.2%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.0%
14	Nonmetallic minerals, except fuels	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
C/15--17	Construction	4.1%	3.8%	3.8%	4.0%	4.1%	3.9%	4.0%	3.9%	3.9%	3.9%	-0.2%
D	Manufacturing	26.5%	25.3%	25.6%	26.7%	26.4%	27.1%	26.8%	26.6%	27.0%	27.4%	0.9%
D (part)	Durable goods	16.9%	16.0%	16.3%	17.3%	17.2%	18.1%	17.6%	17.8%	19.0%	19.3%	2.3%
24	Lumber & wood products	0.4%	0.4%	0.5%	0.4%	0.4%	0.5%	0.5%	0.4%	0.5%	0.4%	0.0%
25	Furniture and fixtures	0.3%	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.0%
32	Stone, clay, & glass products	1.0%	0.9%	1.0%	1.0%	1.0%	0.9%	0.9%	1.0%	0.8%	0.8%	-0.2%
33	Primary metals	2.5%	2.5%	2.4%	2.8%	2.7%	2.4%	2.2%	2.5%	2.5%	2.5%	0.0%
34	Fabricated metal products	2.9%	2.6%	2.5%	2.6%	2.9%	3.0%	2.9%	2.8%	2.7%	2.7%	-0.2%
35	Industrial machinery & equipment	2.5%	2.3%	2.5%	2.6%	2.7%	3.0%	3.1%	3.3%	4.0%	4.1%	1.6%
36	Electronic equipment	1.4%	1.5%	1.4%	1.6%	1.6%	1.8%	2.0%	2.1%	2.4%	2.5%	1.2%
37	Transportation equipment	5.4%	4.8%	5.2%	5.6%	4.8%	5.5%	4.8%	4.7%	5.3%	5.3%	-0.2%
371	Motor vehicles & equipment	3.6%	3.0%	3.8%	4.4%	4.2%	4.6%	4.0%	4.1%	4.6%	4.6%	1.0%
372--379	Other transportation equipment	1.8%	1.8%	1.3%	1.2%	0.7%	0.9%	0.9%	0.6%	0.7%	0.7%	-1.1%
38	Instruments and related products	0.5%	0.6%	0.5%	0.4%	0.4%	0.4%	0.5%	0.4%	0.5%	0.4%	0.0%
39	Miscellaneous manufacturing	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.3%	0.3%	0.0%
D (part)	Nondurable goods	9.6%	9.4%	9.4%	9.4%	9.2%	9.0%	9.2%	8.8%	8.1%	8.2%	-1.4%
20	Food & kindred products	2.2%	2.2%	2.0%	2.1%	2.1%	2.3%	2.1%	2.0%	1.8%	1.7%	-0.4%
21	Tobacco products	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	N.A.
22	Textile mill products	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
23	Apparel & other textile products	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%	0.0%
26	Paper & allied products	0.9%	0.9%	0.9%	1.0%	1.0%	0.7%	0.8%	0.8%	0.7%	0.7%	-0.2%
27	Printing & publishing	1.7%	1.6%	1.5%	1.4%	1.4%	1.2%	1.2%	1.1%	1.0%	1.0%	-0.7%
28	Chemicals & allied products	2.7%	2.8%	2.9%	2.9%	2.8%	2.7%	2.9%	2.9%	2.6%	2.8%	0.1%
29	Petroleum & coal products	0.6%	0.4%	0.4%	0.4%	0.3%	0.4%	0.4%	0.3%	0.3%	0.5%	-0.2%
30	Rubber & miscellaneous plastics	1.2%	1.3%	1.4%	1.4%	1.5%	1.4%	1.4%	1.4%	1.4%	1.4%	0.2%
31	Leather & leather products	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
E	Transportation, communication, & utilities	7.6%	8.0%	7.9%	6.8%	7.8%	7.9%	7.8%	7.4%	7.1%	7.3%	-0.3%
40--47	Transportation	2.4%	2.4%	2.5%	2.6%	2.8%	2.8%	2.9%	2.8%	2.8%	2.8%	0.4%
40	Railroad transportation	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%	-0.1%
41	Local & interurban passenger transit	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
42	Trucking and warehousing	1.2%	1.3%	1.4%	1.4%	1.5%	1.5%	1.5%	1.4%	1.3%	1.3%	0.1%
44	Water transportation	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%

TABLE: 4 PERCENTAGE DISTRIBUTION OF OHIO'S GROSS STATE PRODUCT (GSP), 1990 - 1999

(based on chained 1996 dollars)

1987 Division/ SIC Codes	Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Real Difference 1990-1999
45	Transportation by air	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.6%	0.7%	0.7%	0.8%	0.4%
46	Pipelines, except natural gas	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
47	Transportation services	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.0%
48	Communication	2.0%	2.1%	2.0%	2.0%	2.0%	2.0%	2.0%	1.9%	1.9%	2.0%	0.0%
49	Electric, gas, & sanitary services	3.2%	3.5%	3.4%	2.2%	3.1%	3.1%	2.9%	2.6%	2.4%	2.5%	-0.7%
F/50, 51	Wholesale trade	5.9%	6.4%	6.5%	6.6%	6.9%	6.6%	7.1%	7.5%	8.1%	8.2%	2.3%
G/52--59	Retail trade	8.6%	8.6%	8.6%	8.7%	8.9%	9.0%	9.4%	9.7%	9.9%	10.0%	1.4%
H	Finance, insurance, & real estate	15.0%	15.6%	15.5%	15.5%	14.8%	14.9%	14.7%	14.9%	14.8%	14.8%	-0.2%
60	Depository institutions	3.7%	3.7%	3.6%	3.4%	3.1%	3.1%	3.1%	3.2%	3.2%	3.2%	-0.5%
61	Nondepository institution	0.3%	0.3%	0.3%	0.4%	0.3%	0.4%	0.4%	0.5%	0.5%	0.5%	0.2%
62	Security & commodity brokers	0.2%	0.2%	0.3%	0.3%	0.4%	0.4%	0.4%	0.5%	0.6%	0.8%	0.6%
63	Insurance carriers	1.7%	2.0%	1.8%	1.9%	1.8%	1.7%	1.6%	1.7%	1.7%	1.7%	0.0%
64	Insurance agents, brokers, & service	0.7%	0.7%	0.7%	0.6%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%	-0.3%
65	Real estate	8.3%	8.6%	8.7%	8.8%	8.7%	8.7%	8.6%	8.3%	8.0%	8.0%	-0.3%
67	Holding and other investment offices*	0.3%	0.2%	0.1%	0.2%	0.1%	0.1%	0.0%	0.1%	0.3%	0.2%	0.0%
I	Services	18.7%	18.8%	18.5%	18.4%	18.1%	17.8%	17.7%	17.5%	17.2%	16.9%	-1.8%
70	Hotels & other lodging places	0.4%	0.4%	0.4%	0.3%	0.3%	0.4%	0.4%	0.3%	0.3%	0.3%	-0.1%
72	Personal services	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%	0.6%	0.6%	-0.1%
73	Business services	2.8%	2.9%	3.0%	3.1%	3.3%	3.3%	3.4%	3.7%	3.7%	3.8%	0.9%
75	Auto repair, services, & parking	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.0%
76	Miscellaneous repair services	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	-0.1%
78	Motion pictures	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
79	Amusement and recreation services	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.5%	0.6%	0.6%	0.6%	0.0%
80	Health services	7.3%	7.5%	7.2%	7.1%	6.7%	6.5%	6.5%	6.3%	6.0%	5.8%	-1.5%
81	Legal services	1.2%	1.2%	1.2%	1.1%	1.0%	1.0%	0.9%	0.9%	0.9%	0.9%	-0.3%
82	Educational services	0.7%	0.7%	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	-0.1%
83	Social services	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.0%
86	Membership organizations	0.6%	0.7%	0.6%	0.7%	0.7%	0.6%	0.6%	0.6%	0.5%	0.5%	-0.1%
84, 87, 89	Other services	2.4%	2.3%	2.2%	2.2%	2.1%	2.0%	2.1%	2.1%	2.1%	2.0%	-0.4%
88	Private households	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
J	Government	12.1%	12.3%	12.2%	12.0%	11.5%	11.3%	11.0%	10.7%	10.4%	10.2%	-1.9%
91--97	Federal	2.8%	2.8%	2.7%	2.6%	2.5%	2.5%	2.3%	2.2%	2.1%	2.1%	-0.7%
91--96, 972	Federal civilian	2.2%	2.2%	2.2%	2.1%	2.1%	2.1%	1.9%	1.9%	1.8%	1.7%	-0.5%
971	Federal military	0.6%	0.6%	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%	0.3%	0.3%	-0.2%
91--96	State and local	9.4%	9.5%	9.5%	9.4%	8.9%	8.8%	8.7%	8.5%	8.3%	8.1%	-1.2%

Notes: L - less than \$500,000 in nominal or real GSP; N.A.- not available, not applicable. * This industry has come to be dominated by mutual funds. Large capital gains--particularly in the mid-1990s--may have had an exaggerated effect on the adjustment of property income. This means that the numbers for the middle years may be unrealistically low, thereby underestimating the relative importance of this industry.

Source: U.S. Bureau of Economic Analysis (2001).

Prepared by: Office of Strategic Research, Ohio Department of Development, P.O. Box 1001, Columbus, Oh. 43216-1001. Telephone 614-466-2116 (JK, 6/01)

TABLE 5: U.S. GROSS STATE PRODUCT (GSP), 1990 - 1999

(in millions of current dollars)

1987 Division/ SIC Codes	Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Percent Change 1990 - 1999
A--J	Total Gross State Product	\$5,706,658	\$5,895,430	\$6,209,096	\$6,513,026	\$6,930,791	\$7,309,516	\$7,715,901	\$8,224,960	\$8,752,363	\$9,308,983	63.1%
A--I	Private industries	\$4,966,099	\$5,109,480	\$5,380,831	\$5,653,781	\$6,038,219	\$6,384,552	\$6,759,949	\$7,223,830	\$7,709,131	\$8,212,700	65.4%
A	Agriculture, forestry, fishing	\$108,253	\$102,926	\$111,653	\$108,345	\$118,493	\$109,843	\$130,444	\$130,007	\$127,233	\$125,441	15.9%
01, 02	Farms	\$79,575	\$73,200	\$80,469	\$73,567	\$83,567	\$73,187	\$92,192	\$88,262	\$80,761	\$74,211	-6.7%
07--09	Agricultural services, forestry & fishing	\$28,678	\$29,726	\$31,184	\$34,778	\$34,926	\$36,657	\$38,252	\$41,745	\$46,472	\$51,230	78.6%
B	Mining	\$111,875	\$96,700	\$87,633	\$88,380	\$90,224	\$95,651	\$113,037	\$118,919	\$105,624	\$111,797	-0.1%
10	Metal mining	\$5,173	\$5,622	\$5,615	\$4,857	\$5,552	\$6,539	\$5,843	\$5,612	\$5,066	\$5,450	5.4%
12	Coal mining	\$11,797	\$11,444	\$12,011	\$10,521	\$11,286	\$10,733	\$11,179	\$10,610	\$11,313	\$11,260	-4.6%
13	Oil & gas extraction	\$87,070	\$72,161	\$62,291	\$65,721	\$64,478	\$69,260	\$86,106	\$91,867	\$77,427	\$82,829	-4.9%
14	Nonmetallic minerals, except fuels	\$7,836	\$7,472	\$7,717	\$7,281	\$8,908	\$9,119	\$9,909	\$10,829	\$11,818	\$12,258	56.4%
C/15--17	Construction	\$248,708	\$232,710	\$234,442	\$248,914	\$275,333	\$290,308	\$316,419	\$338,159	\$378,082	\$416,354	67.4%
D	Manufacturing	\$1,040,589	\$1,043,541	\$1,081,998	\$1,131,403	\$1,223,210	\$1,289,069	\$1,316,049	\$1,379,609	\$1,435,970	\$1,500,806	44.2%
D (part)	Durable goods	\$586,561	\$575,523	\$593,979	\$632,825	\$694,092	\$729,846	\$748,449	\$791,214	\$833,405	\$877,756	49.6%
24	Lumber & wood products	\$32,175	\$30,338	\$32,284	\$35,714	\$39,806	\$42,316	\$39,922	\$41,176	\$41,379	\$44,147	37.2%
25	Furniture and fixtures	\$15,587	\$15,205	\$16,573	\$18,061	\$18,883	\$19,539	\$20,713	\$22,725	\$24,135	\$25,858	65.9%
32	Stone, clay, & glass products	\$25,341	\$23,840	\$26,255	\$26,444	\$30,377	\$32,371	\$33,157	\$37,204	\$38,162	\$41,024	61.9%
33	Primary metals	\$43,210	\$39,901	\$39,560	\$43,040	\$47,572	\$52,990	\$50,842	\$52,564	\$54,098	\$54,896	27.0%
34	Fabricated metal products	\$69,396	\$67,263	\$69,516	\$73,396	\$83,225	\$87,168	\$93,144	\$97,607	\$102,185	\$105,506	52.0%
35	Industrial machinery & equipment	\$118,210	\$109,011	\$113,789	\$113,707	\$121,015	\$132,825	\$136,290	\$143,190	\$150,826	\$158,157	33.8%
36	Electronic equipment	\$105,717	\$110,758	\$107,683	\$120,979	\$139,279	\$146,872	\$153,181	\$165,868	\$172,771	\$186,554	76.5%
37	Transportation equipment	\$107,810	\$107,921	\$116,881	\$132,189	\$144,830	\$145,923	\$143,687	\$152,084	\$166,421	\$174,063	61.5%
371	Motor vehicles & equipment	\$47,340	\$45,496	\$58,819	\$77,990	\$95,186	\$98,232	\$92,240	\$96,543	\$107,193	\$114,489	141.8%
372--379	Other transportation equipment	\$60,470	\$62,425	\$58,062	\$54,199	\$49,644	\$47,691	\$51,447	\$55,541	\$59,228	\$59,574	-1.5%
38	Instruments and related products	\$49,278	\$51,498	\$51,856	\$48,403	\$46,840	\$47,169	\$53,749	\$53,574	\$57,691	\$59,997	21.8%
39	Miscellaneous manufacturing	\$19,836	\$19,789	\$19,580	\$20,891	\$22,264	\$22,673	\$23,765	\$25,221	\$25,738	\$27,553	38.9%
D (part)	Nondurable goods	\$454,027	\$468,018	\$488,019	\$498,578	\$529,118	\$559,223	\$567,600	\$588,396	\$602,564	\$623,050	37.2%
20	Food & kindred products	\$96,392	\$103,695	\$105,891	\$107,571	\$110,229	\$121,127	\$118,670	\$123,142	\$124,787	\$131,417	36.3%
21	Tobacco products	\$11,927	\$12,742	\$13,842	\$12,276	\$13,245	\$15,088	\$14,821	\$15,436	\$16,800	\$19,919	67.0%
22	Textile mill products	\$21,952	\$22,408	\$25,652	\$25,708	\$25,594	\$24,812	\$25,335	\$25,744	\$25,357	\$25,345	15.5%
23	Apparel & other textile products	\$25,397	\$26,058	\$27,420	\$27,654	\$28,546	\$27,260	\$26,958	\$26,549	\$25,823	\$25,538	0.6%
26	Paper & allied products	\$45,027	\$44,649	\$45,604	\$46,934	\$50,104	\$58,939	\$55,890	\$53,832	\$55,054	\$56,975	26.5%
27	Printing & publishing	\$73,055	\$75,001	\$78,924	\$78,485	\$83,458	\$80,794	\$88,238	\$91,137	\$94,045	\$98,954	35.5%
28	Chemicals & allied products	\$109,946	\$113,946	\$119,100	\$122,669	\$138,719	\$150,812	\$153,648	\$164,757	\$168,424	\$176,316	60.4%
29	Petroleum & coal products	\$31,692	\$28,806	\$28,249	\$30,965	\$29,332	\$28,975	\$30,198	\$31,420	\$32,908	\$28,604	-9.7%
30	Rubber & miscellaneous plastics	\$33,909	\$35,839	\$38,414	\$41,631	\$44,913	\$46,139	\$49,660	\$52,065	\$55,131	\$55,761	64.4%
31	Leather & leather products	\$4,730	\$4,872	\$4,923	\$4,685	\$4,978	\$5,278	\$4,184	\$4,313	\$4,236	\$4,222	-10.7%
E	Transportation, communication, & utilities	\$490,903	\$518,310	\$538,475	\$573,269	\$611,396	\$642,586	\$666,327	\$688,406	\$727,967	\$779,647	58.8%
40--47	Transportation	\$177,404	\$186,113	\$193,422	\$205,981	\$223,217	\$233,379	\$243,397	\$261,750	\$287,802	\$303,418	71.0%
40	Railroad transportation	\$19,819	\$21,963	\$21,572	\$21,963	\$23,306	\$23,594	\$23,448	\$23,006	\$25,382	\$23,431	18.2%
41	Local & interurban passenger transit	\$9,077	\$10,208	\$10,933	\$11,338	\$11,580	\$12,439	\$13,417	\$14,904	\$16,239	\$17,117	88.6%
42	Trucking and warehousing	\$69,428	\$70,891	\$74,546	\$79,170	\$86,360	\$89,036	\$92,090	\$99,382	\$109,280	\$116,627	68.0%
44	Water transportation	\$10,044	\$11,059	\$10,654	\$10,743	\$11,455	\$11,627	\$12,181	\$13,075	\$14,083	\$14,395	43.3%

TABLE 5: U.S. GROSS STATE PRODUCT (GSP), 1990 - 1999

(in millions of current dollars)

1987 Division/ SIC Codes	Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Percent Change 1990 - 1999
45	Transportation by air	\$45,341	\$46,994	\$50,329	\$56,425	\$62,454	\$67,667	\$70,807	\$78,557	\$88,237	\$94,996	109.5%
46	Pipelines, except natural gas	\$5,543	\$5,498	\$5,474	\$5,557	\$5,478	\$5,484	\$5,704	\$5,751	\$6,065	\$6,618	19.4%
47	Transportation services	\$18,151	\$19,498	\$19,915	\$20,784	\$22,584	\$23,532	\$25,748	\$27,075	\$28,516	\$30,235	66.6%
48	Communication	\$148,063	\$155,705	\$163,892	\$178,577	\$190,736	\$202,333	\$214,677	\$220,765	\$234,145	\$260,215	75.7%
49	Electric, gas, & sanitary services	\$165,435	\$176,492	\$181,160	\$188,711	\$197,443	\$206,874	\$208,253	\$205,891	\$206,019	\$216,014	30.6%
F/50, 51	Wholesale trade	\$376,144	\$395,630	\$414,611	\$432,499	\$479,172	\$500,632	\$529,575	\$566,848	\$610,855	\$643,284	71.0%
G/52--59	Retail trade	\$507,771	\$523,732	\$551,707	\$578,003	\$620,557	\$646,802	\$687,087	\$740,502	\$796,846	\$856,364	68.7%
H	Finance, insurance, & real estate	\$1,010,330	\$1,072,177	\$1,140,916	\$1,205,304	\$1,254,835	\$1,347,233	\$1,436,771	\$1,569,895	\$1,689,477	\$1,792,090	77.4%
60	Depository institutions	\$171,321	\$193,884	\$205,341	\$200,943	\$200,688	\$227,380	\$241,012	\$273,940	\$292,727	\$305,341	78.2%
61	Nondepository institution	\$23,322	\$23,223	\$27,220	\$32,524	\$29,408	\$34,126	\$39,228	\$49,906	\$48,402	\$45,314	94.3%
62	Security & commodity brokers	\$42,298	\$40,465	\$54,526	\$67,596	\$77,846	\$77,744	\$108,037	\$120,810	\$135,328	\$152,063	259.5%
63	Insurance carriers	\$64,585	\$83,280	\$82,117	\$99,809	\$104,307	\$120,161	\$123,376	\$146,134	\$154,356	\$164,972	155.4%
64	Insurance agents, brokers, & service	\$37,670	\$37,988	\$39,411	\$41,827	\$45,328	\$47,223	\$48,872	\$51,305	\$52,636	\$56,927	51.1%
65	Real estate	\$665,666	\$689,120	\$725,219	\$751,582	\$791,411	\$832,580	\$871,612	\$920,060	\$969,185	\$1,033,956	55.3%
67	Holding and other investment offices*	\$5,468	\$4,217	\$7,082	\$11,024	\$5,846	\$8,018	\$4,634	\$7,740	\$36,842	\$33,517	513.0%
I	Services	\$1,071,525	\$1,123,756	\$1,219,396	\$1,287,664	\$1,365,000	\$1,462,428	\$1,564,239	\$1,691,484	\$1,837,077	\$1,986,918	85.4%
70	Hotels & other lodging places	\$46,347	\$48,278	\$50,421	\$53,043	\$56,563	\$61,742	\$66,250	\$70,467	\$76,001	\$83,530	80.2%
72	Personal services	\$38,010	\$38,806	\$40,942	\$44,229	\$45,542	\$46,731	\$47,500	\$51,002	\$55,406	\$58,186	53.1%
73	Business services	\$203,942	\$205,309	\$229,440	\$247,621	\$273,185	\$301,959	\$342,346	\$395,517	\$447,077	\$510,757	150.4%
75	Auto repair, services, & parking	\$50,302	\$51,347	\$52,088	\$54,687	\$60,011	\$65,142	\$68,478	\$72,781	\$80,860	\$86,767	72.5%
76	Miscellaneous repair services	\$17,656	\$17,006	\$17,625	\$19,184	\$19,311	\$20,674	\$21,848	\$22,279	\$24,483	\$25,773	46.0%
78	Motion pictures	\$17,717	\$17,899	\$18,205	\$20,835	\$19,997	\$22,367	\$24,641	\$26,311	\$28,827	\$29,827	68.4%
79	Amusement and recreation services	\$36,464	\$39,391	\$45,222	\$45,427	\$49,242	\$53,529	\$58,294	\$64,889	\$72,198	\$78,667	115.7%
80	Health services	\$314,363	\$345,311	\$377,805	\$394,541	\$413,949	\$433,091	\$459,084	\$472,160	\$492,582	\$514,209	63.6%
81	Legal services	\$82,655	\$85,605	\$92,699	\$93,039	\$94,637	\$101,129	\$97,964	\$108,990	\$116,357	\$125,093	51.3%
82	Educational services	\$39,571	\$43,701	\$46,487	\$49,269	\$52,563	\$55,676	\$58,039	\$61,178	\$66,699	\$71,100	79.7%
83	Social services	\$30,080	\$33,572	\$37,320	\$40,962	\$44,173	\$47,387	\$49,704	\$52,579	\$57,111	\$61,324	103.9%
86	Membership organizations	\$35,806	\$38,409	\$39,900	\$43,439	\$46,150	\$46,697	\$49,164	\$51,587	\$54,045	\$57,390	60.3%
84, 87, 89	Other services	\$149,233	\$149,995	\$161,111	\$170,648	\$178,582	\$194,416	\$208,917	\$229,709	\$251,452	\$272,828	82.8%
88	Private households	\$9,379	\$9,128	\$10,131	\$10,738	\$11,095	\$11,888	\$12,009	\$12,035	\$13,980	\$11,467	22.3%
J	Government	\$740,559	\$785,950	\$828,265	\$859,245	\$892,572	\$924,964	\$955,952	\$1,001,130	\$1,043,232	\$1,096,282	48.0%
91--97	Federal	\$234,181	\$251,202	\$267,766	\$270,686	\$274,617	\$277,777	\$282,441	\$290,998	\$298,079	\$313,309	33.8%
91--96, 972	Federal civilian	\$152,946	\$167,100	\$177,659	\$182,915	\$188,439	\$192,815	\$194,579	\$202,562	\$209,353	\$221,828	45.0%
971	Federal military	\$81,235	\$84,102	\$90,107	\$87,771	\$86,178	\$84,962	\$87,862	\$88,436	\$88,726	\$91,481	12.6%
91--96	State and local	\$506,379	\$534,748	\$560,499	\$588,559	\$617,955	\$647,187	\$673,511	\$710,132	\$745,153	\$782,973	54.6%

Notes: L - less than \$500,000 in nominal or real GSP; N.A.- not available, not applicable. * This industry has come to be dominated by mutual funds. Large capital gains--particularly in the mid-1990s--may have had an exaggerated effect on the adjustment of property income. This means that the numbers for the middle years may be unrealistically low, thereby underestimating the relative importance of this industry.

Source: U.S. Bureau of Economic Analysis (2001).

Prepared by: Office of Strategic Research, Ohio Department of Development, P.O. Box 1001, Columbus, Oh. 43216-1001. Telephone 614-466-2116 (JK, 6/01)

TABLE 6: PERCENTAGE DISTRIBUTION OF THE U.S. GROSS STATE PRODUCT (GSP), 1990 - 1999

(based on current dollars)

1987			1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Difference
Division/ SIC Codes	Industry												1990-1999
A--J	Total Gross State Product		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
A--I	Private industries		87.0%	86.7%	86.7%	86.8%	87.1%	87.3%	87.6%	87.8%	88.1%	88.2%	1.2%
A	Agriculture, forestry, fishing		1.9%	1.7%	1.8%	1.7%	1.7%	1.5%	1.7%	1.6%	1.5%	1.3%	-0.5%
	01, 02 Farms		1.4%	1.2%	1.3%	1.1%	1.2%	1.0%	1.2%	1.1%	0.9%	0.8%	-0.6%
	07--09 Agricultural services, forestry & fishing		0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.6%	0.0%
B	Mining		2.0%	1.6%	1.4%	1.4%	1.3%	1.3%	1.5%	1.4%	1.2%	1.2%	-0.8%
	10 Metal mining		0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
	12 Coal mining		0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	-0.1%
	13 Oil & gas extraction		1.5%	1.2%	1.0%	1.0%	0.9%	0.9%	1.1%	1.1%	0.9%	0.9%	-0.6%
	14 Nonmetallic minerals, except fuels		0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
C/15--17	Construction		4.4%	3.9%	3.8%	3.8%	4.0%	4.0%	4.1%	4.1%	4.3%	4.5%	0.1%
D	Manufacturing		18.2%	17.7%	17.4%	17.4%	17.6%	17.6%	17.1%	16.8%	16.4%	16.1%	-2.1%
D (part)	Durable goods		10.3%	9.8%	9.6%	9.7%	10.0%	10.0%	9.7%	9.6%	9.5%	9.4%	-0.8%
	24 Lumber & wood products		0.6%	0.5%	0.5%	0.5%	0.6%	0.6%	0.5%	0.5%	0.5%	0.5%	-0.1%
	25 Furniture and fixtures		0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.0%
	32 Stone, clay, & glass products		0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.4%	0.4%	0.0%
	33 Primary metals		0.8%	0.7%	0.6%	0.7%	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%	-0.2%
	34 Fabricated metal products		1.2%	1.1%	1.1%	1.1%	1.2%	1.2%	1.2%	1.2%	1.2%	1.1%	-0.1%
	35 Industrial machinery & equipment		2.1%	1.8%	1.8%	1.7%	1.7%	1.8%	1.8%	1.7%	1.7%	1.7%	-0.4%
	36 Electronic equipment		1.9%	1.9%	1.7%	1.9%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	0.2%
	37 Transportation equipment		1.9%	1.8%	1.9%	2.0%	2.1%	2.0%	1.9%	1.8%	1.9%	1.9%	0.0%
	371 Motor vehicles & equipment		0.8%	0.8%	0.9%	1.2%	1.4%	1.3%	1.2%	1.2%	1.2%	1.2%	0.4%
	372--379 Other transportation equipment		1.1%	1.1%	0.9%	0.8%	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%	-0.4%
	38 Instruments and related products		0.9%	0.9%	0.8%	0.7%	0.7%	0.6%	0.7%	0.7%	0.7%	0.6%	-0.2%
	39 Miscellaneous manufacturing		0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	-0.1%
D (part)	Nondurable goods		8.0%	7.9%	7.9%	7.7%	7.6%	7.7%	7.4%	7.2%	6.9%	6.7%	-1.3%
	20 Food & kindred products		1.7%	1.8%	1.7%	1.7%	1.6%	1.7%	1.5%	1.5%	1.4%	1.4%	-0.3%
	21 Tobacco products		0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.0%
	22 Textile mill products		0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%	-0.1%
	23 Apparel & other textile products		0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%	-0.2%
	26 Paper & allied products		0.8%	0.8%	0.7%	0.7%	0.7%	0.8%	0.7%	0.7%	0.6%	0.6%	-0.2%
	27 Printing & publishing		1.3%	1.3%	1.3%	1.2%	1.2%	1.1%	1.1%	1.1%	1.1%	1.1%	-0.2%
	28 Chemicals & allied products		1.9%	1.9%	1.9%	1.9%	2.0%	2.1%	2.0%	2.0%	1.9%	1.9%	0.0%
	29 Petroleum & coal products		0.6%	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	-0.2%
	30 Rubber & miscellaneous plastics		0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.0%
	31 Leather & leather products		0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%
E	Transportation, communication, & utilities		8.6%	8.8%	8.7%	8.8%	8.8%	8.8%	8.6%	8.4%	8.3%	8.4%	-0.2%
	40--47 Transportation		3.1%	3.2%	3.1%	3.2%	3.2%	3.2%	3.2%	3.2%	3.3%	3.3%	0.2%
	40 Railroad transportation		0.3%	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	-0.1%
	41 Local & interurban passenger transit		0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.0%
	42 Trucking and warehousing		1.2%	1.2%	1.2%	1.2%	1.2%	1.2%	1.2%	1.2%	1.2%	1.3%	0.0%
	44 Water transportation		0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.0%

TABLE 6: PERCENTAGE DISTRIBUTION OF THE U.S. GROSS STATE PRODUCT (GSP), 1990 - 1999

(based on current dollars)

1987			1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Difference
Division/ SIC Codes	Industry												1990-1999
45	Transportation by air		0.8%	0.8%	0.8%	0.9%	0.9%	0.9%	0.9%	1.0%	1.0%	1.0%	0.2%
46	Pipelines, except natural gas		0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
47	Transportation services		0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.0%
48	Communication		2.6%	2.6%	2.6%	2.7%	2.8%	2.8%	2.8%	2.7%	2.7%	2.8%	0.2%
49	Electric, gas, & sanitary services		2.9%	3.0%	2.9%	2.9%	2.8%	2.8%	2.7%	2.5%	2.4%	2.3%	-0.6%
F/50, 51	Wholesale trade		6.6%	6.7%	6.7%	6.6%	6.9%	6.8%	6.9%	6.9%	7.0%	6.9%	0.3%
G/52--59	Retail trade		8.9%	8.9%	8.9%	8.9%	9.0%	8.8%	8.9%	9.0%	9.1%	9.2%	0.3%
H	Finance, insurance, & real estate		17.7%	18.2%	18.4%	18.5%	18.1%	18.4%	18.6%	19.1%	19.3%	19.3%	1.5%
60	Depository institutions		3.0%	3.3%	3.3%	3.1%	2.9%	3.1%	3.1%	3.3%	3.3%	3.3%	0.3%
61	Nondepository institution		0.4%	0.4%	0.4%	0.5%	0.4%	0.5%	0.5%	0.6%	0.6%	0.5%	0.1%
62	Security & commodity brokers		0.7%	0.7%	0.9%	1.0%	1.1%	1.1%	1.4%	1.5%	1.5%	1.6%	0.9%
63	Insurance carriers		1.1%	1.4%	1.3%	1.5%	1.5%	1.6%	1.6%	1.8%	1.8%	1.8%	0.6%
64	Insurance agents, brokers, & service		0.7%	0.6%	0.6%	0.6%	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%	0.0%
65	Real estate		11.7%	11.7%	11.7%	11.5%	11.4%	11.4%	11.3%	11.2%	11.1%	11.1%	-0.6%
67	Holding and other investment offices*		0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	0.1%	0.1%	0.4%	0.4%	0.3%
I	Services		18.8%	19.1%	19.6%	19.8%	19.7%	20.0%	20.3%	20.6%	21.0%	21.3%	2.6%
70	Hotels & other lodging places		0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	0.9%	0.9%	0.9%	0.9%	0.1%
72	Personal services		0.7%	0.7%	0.7%	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%	0.0%
73	Business services		3.6%	3.5%	3.7%	3.8%	3.9%	4.1%	4.4%	4.8%	5.1%	5.5%	1.9%
75	Auto repair, services, & parking		0.9%	0.9%	0.8%	0.8%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.1%
76	Miscellaneous repair services		0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.0%
78	Motion pictures		0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.0%
79	Amusement and recreation services		0.6%	0.7%	0.7%	0.7%	0.7%	0.7%	0.8%	0.8%	0.8%	0.8%	0.2%
80	Health services		5.5%	5.9%	6.1%	6.1%	6.0%	5.9%	5.9%	5.7%	5.6%	5.5%	0.0%
81	Legal services		1.4%	1.5%	1.5%	1.4%	1.4%	1.4%	1.3%	1.3%	1.3%	1.3%	-0.1%
82	Educational services		0.7%	0.7%	0.7%	0.8%	0.8%	0.8%	0.8%	0.7%	0.8%	0.8%	0.1%
83	Social services		0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.7%	0.1%
86	Membership organizations		0.6%	0.7%	0.6%	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%	0.0%
84, 87, 89	Other services		2.6%	2.5%	2.6%	2.6%	2.6%	2.7%	2.7%	2.8%	2.9%	2.9%	0.3%
88	Private households		0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.2%	0.1%	0.0%
J	Government		13.0%	13.3%	13.3%	13.2%	12.9%	12.7%	12.4%	12.2%	11.9%	11.8%	-1.2%
91--97	Federal		4.1%	4.3%	4.3%	4.2%	4.0%	3.8%	3.7%	3.5%	3.4%	3.4%	-0.7%
91--96, 972	Federal civilian		2.7%	2.8%	2.9%	2.8%	2.7%	2.6%	2.5%	2.5%	2.4%	2.4%	-0.3%
971	Federal military		1.4%	1.4%	1.5%	1.3%	1.2%	1.2%	1.1%	1.1%	1.0%	1.0%	-0.4%
91--96	State and local		8.9%	9.1%	9.0%	9.0%	8.9%	8.9%	8.7%	8.6%	8.5%	8.4%	-0.5%

Notes: L - less than \$500,000 in nominal or real GSP; N.A.- not available, not applicable. * This industry has come to be dominated by mutual funds. Large capital gains--particularly in the mid-1990s--may have had an exaggerated effect on the adjustment of property income. This means that the numbers for the middle years may be unrealistically low, thereby underestimating the relative importance of this industry.

Source: U.S. Bureau of Economic Analysis (2001).

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TABLE 7: U.S. GROSS STATE PRODUCT (GSP), 1990 - 1999
(in millions of chained 1996 dollars)

1987 Division/ SIC Codes	Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Real % Change 1990 - 1999
A--J	Total Gross State Product	\$6,630,740	\$6,615,685	\$6,774,505	\$6,918,388	\$7,203,002	\$7,433,965	\$7,715,901	\$8,093,396	\$8,507,978	\$8,934,066	34.7%
A--I	Private industries	\$5,704,635	\$5,688,697	\$5,835,249	\$5,977,927	\$6,256,083	\$6,482,824	\$6,759,949	\$7,121,273	\$7,521,222	\$7,926,597	39.0%
A	Agriculture, forestry, fishing	\$118,505	\$121,305	\$130,686	\$122,559	\$135,762	\$123,138	\$130,444	\$143,655	\$143,980	\$150,861	27.3%
01, 02	Farms	\$84,155	\$85,608	\$95,656	\$85,778	\$100,254	\$85,452	\$92,192	\$103,592	\$100,249	\$106,258	26.3%
07--09	Agricultural services, forestry & fishing	\$34,600	\$35,998	\$35,380	\$36,830	\$36,185	\$37,597	\$38,252	\$40,289	\$43,186	\$44,435	28.4%
B	Mining	\$105,839	\$101,121	\$95,693	\$101,084	\$108,109	\$112,972	\$113,037	\$116,967	\$126,156	\$121,875	15.2%
10	Metal mining	\$4,384	\$5,597	\$5,949	\$5,861	\$5,660	\$5,532	\$5,843	\$6,263	\$7,325	\$8,637	97.0%
12	Coal mining	\$7,542	\$7,632	\$8,422	\$8,430	\$9,643	\$10,082	\$11,179	\$11,182	\$12,491	\$13,090	73.6%
13	Oil & gas extraction	\$87,472	\$81,357	\$73,483	\$79,589	\$83,777	\$88,633	\$86,106	\$89,109	\$94,926	\$89,068	1.8%
14	Nonmetallic minerals, except fuels	\$8,103	\$7,656	\$7,919	\$7,692	\$9,121	\$9,090	\$9,909	\$10,409	\$11,464	\$11,420	40.9%
C/15--17	Construction	\$290,690	\$268,765	\$271,746	\$279,176	\$297,191	\$299,608	\$316,419	\$324,581	\$345,805	\$361,128	24.2%
D	Manufacturing	\$1,102,275	\$1,066,318	\$1,085,023	\$1,122,913	\$1,205,950	\$1,284,741	\$1,316,049	\$1,387,251	\$1,446,439	\$1,529,398	38.7%
D (part)	Durable goods	\$585,123	\$559,365	\$568,935	\$600,298	\$656,477	\$714,866	\$748,449	\$812,961	\$892,366	\$970,525	65.9%
24	Lumber & wood products	\$45,091	\$41,258	\$39,530	\$36,909	\$38,864	\$41,588	\$39,922	\$39,532	\$39,534	\$40,782	-9.6%
25	Furniture and fixtures	\$18,118	\$17,041	\$18,485	\$20,133	\$20,169	\$20,746	\$20,713	\$22,143	\$22,697	\$23,611	30.3%
32	Stone, clay, & glass products	\$29,416	\$26,831	\$29,582	\$29,092	\$31,965	\$32,812	\$33,157	\$36,632	\$35,940	\$36,858	25.3%
33	Primary metals	\$43,661	\$42,847	\$43,674	\$48,505	\$50,483	\$49,616	\$50,842	\$52,651	\$54,686	\$60,725	39.1%
34	Fabricated metal products	\$76,130	\$70,769	\$72,240	\$75,796	\$86,416	\$90,768	\$93,144	\$96,171	\$96,686	\$95,901	26.0%
35	Industrial machinery & equipment	\$93,482	\$85,942	\$92,420	\$96,808	\$106,750	\$124,741	\$136,290	\$158,350	\$186,985	\$216,567	131.7%
36	Electronic equipment	\$68,636	\$72,740	\$73,344	\$84,988	\$103,252	\$128,734	\$153,181	\$182,180	\$225,128	\$276,828	303.3%
37	Transportation equipment	\$144,368	\$132,345	\$132,944	\$143,444	\$151,375	\$152,616	\$143,687	\$151,882	\$164,491	\$166,645	15.4%
371	Motor vehicles & equipment	\$68,704	\$58,882	\$68,695	\$85,140	\$99,139	\$103,170	\$92,240	\$97,068	\$107,027	\$110,380	60.7%
372--379	Other transportation equipment	\$75,664	\$73,463	\$64,249	\$58,304	\$52,236	\$49,446	\$51,447	\$54,814	\$57,464	\$56,265	-25.6%
38	Instruments and related products	\$68,938	\$67,411	\$64,011	\$57,237	\$53,797	\$52,568	\$53,749	\$49,765	\$49,162	\$48,790	-29.2%
39	Miscellaneous manufacturing	\$22,840	\$21,604	\$20,590	\$21,372	\$22,641	\$23,332	\$23,765	\$24,849	\$24,636	\$25,971	13.7%
D (part)	Nondurable goods	\$520,202	\$510,811	\$520,040	\$525,395	\$551,178	\$570,348	\$567,600	\$574,702	\$557,881	\$566,853	9.0%
20	Food & kindred products	\$109,527	\$111,675	\$111,407	\$114,576	\$112,602	\$133,289	\$118,670	\$118,076	\$115,009	\$117,087	6.9%
21	Tobacco products	\$14,482	\$11,499	\$9,570	\$9,271	\$13,816	\$15,668	\$14,821	\$13,899	\$11,456	\$7,014	-51.6%
22	Textile mill products	\$22,804	\$22,814	\$25,580	\$25,930	\$26,894	\$25,968	\$25,335	\$24,953	\$23,633	\$22,938	0.6%
23	Apparel & other textile products	\$27,289	\$26,981	\$27,743	\$27,571	\$28,429	\$28,019	\$26,958	\$26,461	\$25,019	\$23,568	-13.6%
26	Paper & allied products	\$52,463	\$53,662	\$55,163	\$60,673	\$61,343	\$52,206	\$55,890	\$58,274	\$55,338	\$56,039	6.8%
27	Printing & publishing	\$102,853	\$97,860	\$96,562	\$90,471	\$92,642	\$89,151	\$88,238	\$86,383	\$84,037	\$84,259	-18.1%
28	Chemicals & allied products	\$131,147	\$129,148	\$132,737	\$132,060	\$145,461	\$148,021	\$153,648	\$164,241	\$159,840	\$168,639	28.6%
29	Petroleum & coal products	\$22,935	\$20,059	\$21,061	\$21,568	\$21,997	\$26,860	\$30,198	\$25,602	\$26,571	\$34,917	52.2%
30	Rubber & miscellaneous plastics	\$33,957	\$35,057	\$37,935	\$41,170	\$44,852	\$46,989	\$49,660	\$53,195	\$53,762	\$54,436	60.3%
31	Leather & leather products	\$5,200	\$5,222	\$5,198	\$4,860	\$5,104	\$5,282	\$4,184	\$4,231	\$4,010	\$3,974	-23.6%
E	Transportation, communication, & utilities	\$524,950	\$543,050	\$555,708	\$576,324	\$606,132	\$634,518	\$666,327	\$668,732	\$686,436	\$752,303	43.3%
40--47	Transportation	\$180,613	\$185,900	\$193,605	\$201,185	\$218,617	\$225,070	\$243,397	\$248,911	\$257,063	\$272,435	50.8%
40	Railroad transportation	\$18,133	\$20,873	\$20,776	\$20,960	\$22,127	\$22,708	\$23,448	\$22,809	\$23,911	\$22,768	25.6%
41	Local & interurban passenger transit	\$12,751	\$12,464	\$12,424	\$12,667	\$12,810	\$13,186	\$13,417	\$14,716	\$15,637	\$17,199	34.9%
42	Trucking and warehousing	\$68,144	\$71,643	\$75,738	\$79,057	\$85,259	\$86,630	\$92,090	\$90,511	\$90,667	\$95,717	40.5%
44	Water transportation	\$10,177	\$10,527	\$10,340	\$10,528	\$11,324	\$11,276	\$12,181	\$13,210	\$13,525	\$12,462	22.5%

TABLE 7: U.S. GROSS STATE PRODUCT (GSP), 1990 - 1999

(in millions of chained 1996 dollars)

1987												Real
Division/ SIC Codes	Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	% Change 1990 - 1999
45	Transportation by air	\$46,930	\$44,981	\$49,193	\$51,895	\$59,585	\$62,930	\$70,807	\$75,169	\$79,010	\$87,473	86.4%
46	Pipelines, except natural gas	\$5,745	\$6,191	\$5,920	\$6,026	\$5,516	\$5,012	\$5,704	\$6,189	\$6,451	\$7,156	24.6%
47	Transportation services	\$19,537	\$19,755	\$19,640	\$20,449	\$22,120	\$23,407	\$25,748	\$26,430	\$28,242	\$30,072	53.9%
48	Communication	\$155,177	\$162,090	\$169,289	\$182,070	\$190,847	\$202,379	\$214,677	\$217,733	\$231,964	\$264,620	70.5%
49	Electric, gas, & sanitary services	\$189,988	\$195,903	\$193,198	\$193,315	\$196,693	\$207,208	\$208,253	\$202,022	\$197,365	\$216,305	13.9%
F/50, 51	Wholesale trade	\$395,071	\$416,625	\$444,948	\$452,405	\$481,586	\$483,047	\$529,575	\$584,128	\$665,287	\$709,330	79.5%
G/52--59	Retail trade	\$559,515	\$554,553	\$569,732	\$581,828	\$617,217	\$641,425	\$687,087	\$745,318	\$805,518	\$847,290	51.4%
H	Finance, insurance, & real estate	\$1,250,623	\$1,270,600	\$1,297,372	\$1,328,933	\$1,347,600	\$1,392,967	\$1,436,771	\$1,520,831	\$1,605,860	\$1,692,094	35.3%
60	Depository institutions	\$243,986	\$246,487	\$234,709	\$233,891	\$227,883	\$242,394	\$241,012	\$246,098	\$249,534	\$255,005	4.5%
61	Nondepository institution	\$26,347	\$25,152	\$29,339	\$34,441	\$29,864	\$33,403	\$39,228	\$53,591	\$53,076	\$52,474	99.2%
62	Security & commodity brokers	\$42,020	\$39,989	\$50,865	\$63,082	\$75,899	\$76,473	\$108,037	\$128,371	\$153,739	\$207,833	394.6%
63	Insurance carriers	\$112,168	\$136,840	\$123,091	\$131,502	\$127,701	\$129,905	\$123,376	\$135,542	\$139,883	\$142,592	27.1%
64	Insurance agents, brokers, & service	\$61,388	\$61,783	\$56,545	\$50,933	\$51,575	\$49,936	\$48,872	\$48,908	\$48,454	\$50,512	-17.7%
65	Real estate	\$763,385	\$768,167	\$799,348	\$805,509	\$827,663	\$852,754	\$871,612	\$903,713	\$933,494	\$973,535	27.5%
67	Holding and other investment offices*	\$10,218	\$7,738	\$10,417	\$15,674	\$8,454	\$9,872	\$4,634	\$5,835	\$25,131	\$21,544	110.8%
I	Services	\$1,361,941	\$1,352,436	\$1,391,402	\$1,417,990	\$1,458,057	\$1,510,438	\$1,564,239	\$1,632,208	\$1,704,410	\$1,772,608	30.2%
70	Hotels & other lodging places	\$55,188	\$53,896	\$55,043	\$56,132	\$58,324	\$62,710	\$66,250	\$64,722	\$65,501	\$67,262	21.9%
72	Personal services	\$46,376	\$45,038	\$46,022	\$47,978	\$47,758	\$48,053	\$47,500	\$49,159	\$52,164	\$53,083	14.5%
73	Business services	\$241,269	\$235,733	\$254,698	\$269,788	\$294,951	\$313,940	\$342,346	\$384,084	\$417,385	\$463,490	92.1%
75	Auto repair, services, & parking	\$61,919	\$60,145	\$58,574	\$59,143	\$62,874	\$65,914	\$68,478	\$69,793	\$74,771	\$78,261	26.4%
76	Miscellaneous repair services	\$25,439	\$23,146	\$21,708	\$21,625	\$21,388	\$22,429	\$21,848	\$21,119	\$21,605	\$20,521	-19.3%
78	Motion pictures	\$21,187	\$20,315	\$20,377	\$23,288	\$21,673	\$23,638	\$24,641	\$25,755	\$27,753	\$27,182	28.3%
79	Amusement and recreation services	\$44,974	\$46,123	\$51,601	\$50,282	\$52,579	\$55,550	\$58,294	\$62,897	\$67,433	\$70,653	57.1%
80	Health services	\$423,171	\$432,882	\$442,540	\$437,413	\$438,230	\$444,258	\$459,084	\$459,456	\$461,955	\$463,455	9.5%
81	Legal services	\$108,764	\$105,901	\$108,292	\$103,583	\$101,613	\$105,130	\$97,964	\$104,270	\$106,969	\$111,920	2.9%
82	Educational services	\$50,348	\$52,587	\$53,405	\$55,044	\$56,699	\$58,463	\$58,039	\$58,696	\$61,151	\$61,246	21.6%
83	Social services	\$38,035	\$39,871	\$41,876	\$44,960	\$47,241	\$49,287	\$49,704	\$50,527	\$52,011	\$53,015	39.4%
86	Membership organizations	\$43,417	\$45,182	\$45,279	\$48,229	\$50,753	\$48,950	\$49,164	\$48,953	\$48,973	\$50,805	17.0%
84, 87, 89	Other services	\$191,290	\$182,500	\$181,392	\$188,957	\$192,135	\$199,918	\$208,917	\$221,201	\$233,869	\$241,916	26.5%
88	Private households	\$11,396	\$10,497	\$11,284	\$11,660	\$11,823	\$12,233	\$12,009	\$11,734	\$13,253	\$10,561	-7.3%
J	Government	\$928,762	\$929,867	\$941,647	\$942,099	\$947,619	\$951,354	\$955,952	\$972,331	\$987,733	\$1,009,541	8.7%
91--97	Federal	\$305,173	\$302,499	\$308,707	\$302,419	\$298,581	\$288,562	\$282,441	\$284,062	\$286,398	\$291,795	-4.4%
91--96, 972	Federal civilian	\$206,405	\$203,977	\$210,435	\$206,710	\$205,385	\$198,419	\$194,579	\$197,428	\$200,716	\$206,258	-0.1%
971	Federal military	\$98,768	\$98,522	\$98,272	\$95,709	\$93,196	\$90,143	\$87,862	\$86,634	\$85,682	\$85,537	-13.4%
91--96	State and local	\$624,132	\$627,747	\$633,516	\$640,141	\$649,361	\$662,850	\$673,511	\$688,253	\$701,278	\$717,660	15.0%

Notes: L - less than \$500,000 in nominal or real GSP; N.A.- not available, not applicable. * This industry has come to be dominated by mutual funds. Large capital gains--particularly in the mid-1990s--may have had an exaggerated effect on the adjustment of property income. This means that the numbers for the middle years may be unrealistically low, thereby underestimating the relative importance of this industry.

Source: U.S. Bureau of Economic Analysis (2001).

Prepared by: Office of Strategic Research, Ohio Department of Development, P.O. Box 1001, Columbus, Oh. 43216-1001. Telephone 614-466-2116 (JK, 6/01)

TABLE 8: PERCENTAGE DISTRIBUTION OF THE U.S GROSS STATE PRODUCT (GSP), 1990 - 1999

(based on chained 1996 dollars)

1987 Division/ SIC Codes		Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Real Difference 1990 - 1999
A--J		Total Gross State Product	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
A--I		Private industries	86.0%	86.0%	86.1%	86.4%	86.9%	87.2%	87.6%	88.0%	88.4%	88.7%	2.7%
A		Agriculture, forestry, fishing	1.8%	1.8%	1.9%	1.8%	1.9%	1.7%	1.7%	1.8%	1.7%	1.7%	-0.1%
	01, 02	Farms	1.3%	1.3%	1.4%	1.2%	1.4%	1.1%	1.2%	1.3%	1.2%	1.2%	-0.1%
	07--09	Agricultural services, forestry & fishing	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.0%
B		Mining	1.6%	1.5%	1.4%	1.5%	1.5%	1.5%	1.5%	1.4%	1.5%	1.4%	-0.2%
	10	Metal mining	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
	12	Coal mining	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
	13	Oil & gas extraction	1.3%	1.2%	1.1%	1.2%	1.2%	1.2%	1.1%	1.1%	1.1%	1.0%	-0.3%
	14	Nonmetallic minerals, except fuels	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
C/15--17		Construction	4.4%	4.1%	4.0%	4.0%	4.1%	4.0%	4.1%	4.0%	4.1%	4.0%	-0.3%
D		Manufacturing	16.6%	16.1%	16.0%	16.2%	16.7%	17.3%	17.1%	17.1%	17.0%	17.1%	0.5%
D (part)		Durable goods	8.8%	8.5%	8.4%	8.7%	9.1%	9.6%	9.7%	10.0%	10.5%	10.9%	2.0%
	24	Lumber & wood products	0.7%	0.6%	0.6%	0.5%	0.5%	0.6%	0.5%	0.5%	0.5%	0.5%	-0.2%
	25	Furniture and fixtures	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.0%
	32	Stone, clay, & glass products	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.4%	0.4%	0.0%
	33	Primary metals	0.7%	0.6%	0.6%	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%	0.7%	0.0%
	34	Fabricated metal products	1.1%	1.1%	1.1%	1.1%	1.2%	1.2%	1.2%	1.2%	1.1%	1.1%	-0.1%
	35	Industrial machinery & equipment	1.4%	1.3%	1.4%	1.4%	1.5%	1.7%	1.8%	2.0%	2.2%	2.4%	1.0%
	36	Electronic equipment	1.0%	1.1%	1.1%	1.2%	1.4%	1.7%	2.0%	2.3%	2.6%	3.1%	2.1%
	37	Transportation equipment	2.2%	2.0%	2.0%	2.1%	2.1%	2.1%	1.9%	1.9%	1.9%	1.9%	-0.3%
	371	Motor vehicles & equipment	1.0%	0.9%	1.0%	1.2%	1.4%	1.4%	1.2%	1.2%	1.3%	1.2%	0.2%
	372--379	Other transportation equipment	1.1%	1.1%	0.9%	0.8%	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%	-0.5%
	38	Instruments and related products	1.0%	1.0%	0.9%	0.8%	0.7%	0.7%	0.7%	0.6%	0.6%	0.5%	-0.5%
	39	Miscellaneous manufacturing	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	-0.1%
D (part)		Nondurable goods	7.8%	7.7%	7.7%	7.6%	7.7%	7.7%	7.4%	7.1%	6.6%	6.3%	-1.5%
	20	Food & kindred products	1.7%	1.7%	1.6%	1.7%	1.6%	1.8%	1.5%	1.5%	1.4%	1.3%	-0.3%
	21	Tobacco products	0.2%	0.2%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%	-0.1%
	22	Textile mill products	0.3%	0.3%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%	-0.1%
	23	Apparel & other textile products	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%	-0.1%
	26	Paper & allied products	0.8%	0.8%	0.8%	0.9%	0.9%	0.7%	0.7%	0.7%	0.7%	0.6%	-0.2%
	27	Printing & publishing	1.6%	1.5%	1.4%	1.3%	1.3%	1.2%	1.1%	1.1%	1.0%	0.9%	-0.6%
	28	Chemicals & allied products	2.0%	2.0%	2.0%	1.9%	2.0%	2.0%	2.0%	2.0%	1.9%	1.9%	-0.1%
	29	Petroleum & coal products	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.4%	0.3%	0.3%	0.4%	0.0%
	30	Rubber & miscellaneous plastics	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.7%	0.6%	0.6%	0.1%
	31	Leather & leather products	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%
E		Transportation, communication, & utilities	7.9%	8.2%	8.2%	8.3%	8.4%	8.5%	8.6%	8.3%	8.1%	8.4%	0.5%
	40--47	Transportation	2.7%	2.8%	2.9%	2.9%	3.0%	3.0%	3.2%	3.1%	3.0%	3.0%	0.3%
	40	Railroad transportation	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.0%
	41	Local & interurban passenger transit	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.0%
	42	Trucking and warehousing	1.0%	1.1%	1.1%	1.1%	1.2%	1.2%	1.2%	1.1%	1.1%	1.1%	0.0%
	44	Water transportation	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.0%

TABLE 8: PERCENTAGE DISTRIBUTION OF THE U.S GROSS STATE PRODUCT (GSP), 1990 - 1999

(based on chained 1996 dollars)

1987												Real	
Division/ SIC Codes	Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Difference 1990 - 1999	
	45	Transportation by air	0.7%	0.7%	0.7%	0.8%	0.8%	0.8%	0.9%	0.9%	0.9%	1.0%	0.3%
	46	Pipelines, except natural gas	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.0%
	47	Transportation services	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.0%
	48	Communication	2.3%	2.5%	2.5%	2.6%	2.6%	2.7%	2.8%	2.7%	2.7%	3.0%	0.6%
	49	Electric, gas, & sanitary services	2.9%	3.0%	2.9%	2.8%	2.7%	2.8%	2.7%	2.5%	2.3%	2.4%	-0.4%
F/50, 51		Wholesale trade	6.0%	6.3%	6.6%	6.5%	6.7%	6.5%	6.9%	7.2%	7.8%	7.9%	2.0%
G/52--59		Retail trade	8.4%	8.4%	8.4%	8.4%	8.6%	8.6%	8.9%	9.2%	9.5%	9.5%	1.0%
H		Finance, insurance, & real estate	18.9%	19.2%	19.2%	19.2%	18.7%	18.7%	18.6%	18.8%	18.9%	18.9%	0.1%
	60	Depository institutions	3.7%	3.7%	3.5%	3.4%	3.2%	3.3%	3.1%	3.0%	2.9%	2.9%	-0.8%
	61	Nondepository institution	0.4%	0.4%	0.4%	0.5%	0.4%	0.4%	0.5%	0.7%	0.6%	0.6%	0.2%
	62	Security & commodity brokers	0.6%	0.6%	0.8%	0.9%	1.1%	1.0%	1.4%	1.6%	1.8%	2.3%	1.7%
	63	Insurance carriers	1.7%	2.1%	1.8%	1.9%	1.8%	1.7%	1.6%	1.7%	1.6%	1.6%	-0.1%
	64	Insurance agents, brokers, & service	0.9%	0.9%	0.8%	0.7%	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%	-0.4%
	65	Real estate	11.5%	11.6%	11.8%	11.6%	11.5%	11.5%	11.3%	11.2%	11.0%	10.9%	-0.6%
	67	Holding and other investment offices*	0.2%	0.1%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.3%	0.2%	0.1%
I		Services	20.5%	20.4%	20.5%	20.5%	20.2%	20.3%	20.3%	20.2%	20.0%	19.8%	-0.7%
	70	Hotels & other lodging places	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	0.9%	0.8%	0.8%	0.8%	-0.1%
	72	Personal services	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%	-0.1%
	73	Business services	3.6%	3.6%	3.8%	3.9%	4.1%	4.2%	4.4%	4.7%	4.9%	5.2%	1.5%
	75	Auto repair, services, & parking	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	-0.1%
	76	Miscellaneous repair services	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%	-0.2%
	78	Motion pictures	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.0%
	79	Amusement and recreation services	0.7%	0.7%	0.8%	0.7%	0.7%	0.7%	0.8%	0.8%	0.8%	0.8%	0.1%
	80	Health services	6.4%	6.5%	6.5%	6.3%	6.1%	6.0%	5.9%	5.7%	5.4%	5.2%	-1.2%
	81	Legal services	1.6%	1.6%	1.6%	1.5%	1.4%	1.4%	1.3%	1.3%	1.3%	1.3%	-0.4%
	82	Educational services	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	0.7%	0.7%	0.7%	-0.1%
	83	Social services	0.6%	0.6%	0.6%	0.6%	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%	0.0%
	86	Membership organizations	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%	-0.1%
	84, 87, 89	Other services	2.9%	2.8%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	-0.2%
	88	Private households	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.1%	0.2%	0.1%	-0.1%
J		Government	14.0%	14.1%	13.9%	13.6%	13.2%	12.8%	12.4%	12.0%	11.6%	11.3%	-2.7%
	91--97	Federal	4.6%	4.6%	4.6%	4.4%	4.1%	3.9%	3.7%	3.5%	3.4%	3.3%	-1.3%
	91--96, 972	Federal civilian	3.1%	3.1%	3.1%	3.0%	2.9%	2.7%	2.5%	2.4%	2.4%	2.3%	-0.8%
	971	Federal military	1.5%	1.5%	1.5%	1.4%	1.3%	1.2%	1.1%	1.1%	1.0%	1.0%	-0.5%
	91--96	State and local	9.4%	9.5%	9.4%	9.3%	9.0%	8.9%	8.7%	8.5%	8.2%	8.0%	-1.4%

Notes: L - less than \$500,000 in nominal or real GSP; N.A.- not available, not applicable. * This industry has come to be dominated by mutual funds. Large capital gains--particularly in the mid-1990s--may have had an exaggerated effect on the adjustment of property income. This means that the numbers for the middle years may be unrealistically low, thereby underestimating the relative importance of this industry.

Source: U.S. Bureau of Economic Analysis (2001).

Prepared by: Office of Strategic Research, Ohio Department of Development, P.O. Box 1001, Columbus, Oh. 43216-1001. Telephone 614-466-2116 (JK, 6/01)

TABLE 9: CONCENTRATION RATIO OF OHIO::U.S. GROSS STATE PRODUCT (GSP), 1990 - 1999

(based on current dollars)

1987											
Division/ SIC Codes	Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
A--J	Total Gross State Product	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
A--I	Private industries	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.01	1.01	1.01
A	Agriculture, forestry, fishing	0.67	0.60	0.65	0.62	0.64	0.65	0.65	0.74	0.68	0.61
01, 02	Farms	0.66	0.55	0.62	0.58	0.61	0.61	0.61	0.74	0.66	0.53
07--09	Agricultural services, forestry & fishing	0.68	0.71	0.73	0.71	0.72	0.73	0.74	0.73	0.72	0.73
B	Mining	0.29	0.27	0.28	0.29	0.32	0.30	0.29	0.30	0.37	0.35
10	Metal mining	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Coal mining	1.17	1.01	0.95	1.08	1.09	0.89	0.95	0.94	1.05	1.07
13	Oil & gas extraction	0.14	0.12	0.11	0.11	0.13	0.15	0.15	0.16	0.20	0.18
14	Nonmetallic minerals, except fuels	0.76	0.79	0.81	0.95	0.93	0.91	0.99	0.98	0.96	0.97
C/15--17	Construction	0.92	0.94	0.93	0.98	0.98	0.97	0.98	0.99	0.96	0.97
D	Manufacturing	1.57	1.54	1.56	1.61	1.55	1.56	1.57	1.55	1.59	1.60
D (part)	Durable goods	1.83	1.80	1.85	1.91	1.81	1.86	1.81	1.79	1.85	1.84
24	Lumber & wood products	0.64	0.72	0.83	0.76	0.81	0.94	0.95	0.88	0.97	0.98
25	Furniture and fixtures	0.92	0.95	0.87	0.90	0.91	1.15	0.94	1.00	1.01	1.06
32	Stone, clay, & glass products	2.19	2.15	2.19	2.27	2.19	2.08	2.15	2.12	1.98	1.99
33	Primary metals	3.74	3.84	3.68	3.96	3.88	3.62	3.39	3.89	3.70	3.72
34	Fabricated metal products	2.50	2.38	2.31	2.40	2.44	2.45	2.42	2.40	2.40	2.49
35	Industrial machinery & equipment	1.76	1.74	1.79	1.82	1.79	1.75	1.76	1.67	1.80	1.70
36	Electronic equipment	1.32	1.35	1.29	1.27	1.14	1.02	1.03	0.96	0.90	0.82
37	Transportation equipment	2.42	2.33	2.59	2.66	2.29	2.64	2.59	2.48	2.72	2.84
371	Motor vehicles & equipment	3.47	3.32	3.77	3.56	3.00	3.27	3.33	3.41	3.64	3.74
372--379	Other transportation equipment	1.60	1.61	1.39	1.37	0.92	1.36	1.28	0.87	1.04	1.11
38	Instruments and related products	0.46	0.54	0.55	0.52	0.56	0.62	0.65	0.57	0.79	0.82
39	Miscellaneous manufacturing	1.01	1.03	0.96	0.97	0.94	0.95	1.05	1.19	1.17	1.18
D (part)	Nondurable goods	1.23	1.21	1.21	1.23	1.20	1.17	1.25	1.24	1.23	1.26
20	Food & kindred products	1.30	1.27	1.21	1.24	1.31	1.25	1.37	1.35	1.32	1.33
21	Tobacco products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	Textile mill products	0.19	0.18	0.16	0.17	0.18	0.19	0.22	0.21	0.23	0.23
23	Apparel & other textile products	0.37	0.38	0.38	0.43	0.46	0.45	0.44	0.47	0.49	0.53
26	Paper & allied products	1.09	1.07	1.12	1.16	1.14	1.01	1.12	1.16	1.10	1.09
27	Printing & publishing	1.07	1.09	1.06	1.06	1.05	1.00	1.01	1.05	1.05	1.05
28	Chemicals & allied products	1.35	1.42	1.47	1.50	1.38	1.36	1.47	1.43	1.39	1.47
29	Petroleum & coal products	1.79	1.29	1.33	1.13	0.97	1.02	1.14	1.09	1.10	1.21
30	Rubber & miscellaneous plastics	2.41	2.45	2.54	2.43	2.39	2.26	2.24	2.19	2.27	2.33
31	Leather & leather products	0.85	0.80	0.80	0.75	0.77	0.86	0.87	0.82	0.58	0.44

TABLE 9: CONCENTRATION RATIO OF OHIO::U.S. GROSS STATE PRODUCT (GSP), 1990 - 1999
(based on current dollars)

1987											
Division/ SIC Codes	Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
E	Transportation, communication, & utilities	0.95	0.97	0.95	0.81	0.92	0.92	0.90	0.90	0.89	0.88
40--47	Transportation	0.90	0.87	0.88	0.90	0.90	0.92	0.92	0.93	0.93	0.93
40	Railroad transportation	1.28	1.12	1.28	1.30	1.20	1.19	1.15	1.12	1.10	1.01
41	Local & interurban passenger transit	0.43	0.45	0.45	0.49	0.49	0.54	0.55	0.53	0.51	0.52
42	Trucking and warehousing	1.19	1.19	1.21	1.23	1.24	1.24	1.25	1.23	1.22	1.23
44	Water transportation	0.61	0.57	0.60	0.63	0.65	0.62	0.58	0.55	0.55	0.54
45	Transportation by air	0.56	0.54	0.53	0.53	0.56	0.63	0.68	0.73	0.75	0.77
46	Pipelines, except natural gas	0.38	0.38	0.38	0.38	0.38	0.44	0.41	0.41	0.42	0.41
47	Transportation services	0.74	0.72	0.69	0.71	0.73	0.71	0.71	0.72	0.74	0.77
48	Communication	0.84	0.85	0.78	0.75	0.74	0.72	0.71	0.71	0.70	0.68
49	Electric, gas, & sanitary services	1.11	1.19	1.18	0.77	1.13	1.12	1.07	1.05	1.06	1.05
F/50, 51	Wholesale trade	0.98	1.00	0.98	1.00	1.02	1.01	1.03	1.05	1.04	1.03
G/52--59	Retail trade	1.01	1.02	1.02	1.03	1.04	1.03	1.06	1.05	1.05	1.05
H	Finance, insurance, & real estate	0.78	0.79	0.79	0.80	0.78	0.79	0.79	0.80	0.80	0.81
60	Depository institutions	0.99	0.99	1.05	1.01	0.97	0.95	0.98	1.06	1.09	1.13
61	Nondepository institution	0.73	0.74	0.75	0.76	0.74	0.81	0.84	0.83	0.77	0.80
62	Security & commodity brokers	0.35	0.35	0.34	0.36	0.34	0.35	0.32	0.34	0.33	0.34
63	Insurance carriers	0.99	0.98	0.98	0.99	0.99	0.99	1.01	1.02	1.05	1.05
64	Insurance agents, brokers, & service	0.79	0.78	0.78	0.78	0.77	0.78	0.81	0.80	0.81	0.83
65	Real estate	0.72	0.74	0.74	0.76	0.75	0.76	0.76	0.75	0.73	0.74
67	Holding and other investment offices*	1.67	1.43	0.89	0.77	0.68	0.84	0.29	0.76	0.90	0.90
I	Services	0.90	0.91	0.89	0.89	0.89	0.87	0.88	0.87	0.86	0.85
70	Hotels & other lodging places	0.45	0.45	0.43	0.43	0.42	0.43	0.43	0.44	0.42	0.42
72	Personal services	1.03	1.06	1.06	1.07	1.05	1.06	1.08	1.07	1.06	1.08
73	Business services	0.78	0.81	0.78	0.80	0.81	0.79	0.77	0.77	0.75	0.73
75	Auto repair, services, & parking	0.96	0.97	1.00	1.01	1.01	1.00	1.02	1.02	1.01	1.01
76	Miscellaneous repair services	0.84	0.84	0.81	0.86	0.84	0.85	0.87	0.89	0.88	0.90
78	Motion pictures	0.26	0.26	0.26	0.26	0.26	0.24	0.23	0.23	0.23	0.23
79	Amusement and recreation services	0.90	0.86	0.81	0.77	0.78	0.78	0.72	0.72	0.72	0.75
80	Health services	1.14	1.13	1.10	1.11	1.10	1.08	1.10	1.11	1.11	1.12
81	Legal services	0.72	0.73	0.73	0.72	0.72	0.72	0.74	0.71	0.70	0.70
82	Educational services	0.87	0.85	0.85	0.83	0.80	0.81	0.83	0.81	0.80	0.81
83	Social services	0.97	0.95	0.97	0.97	0.95	0.97	0.99	0.99	1.00	0.96
86	Membership organizations	0.97	0.97	0.96	0.95	0.93	0.93	0.93	0.94	0.94	0.95
84, 87, 89	Other services	0.84	0.82	0.81	0.79	0.79	0.75	0.78	0.77	0.77	0.76
88	Private households	0.59	0.59	0.58	0.58	0.57	0.57	0.58	0.58	0.57	0.58
J	Government	0.86	0.87	0.87	0.88	0.87	0.88	0.89	0.90	0.90	0.91

TABLE 9: CONCENTRATION RATIO OF OHIO::U.S. GROSS STATE PRODUCT (GSP), 1990 - 1999
(based on current dollars)

1987		1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Division/ SIC Codes	Industry										
91--97	Federal	0.59	0.60	0.59	0.60	0.60	0.64	0.64	0.63	0.63	0.63
91--96, 972	Federal civilian	0.71	0.71	0.71	0.71	0.72	0.77	0.77	0.76	0.76	0.75
971	Federal military	0.37	0.37	0.36	0.36	0.34	0.35	0.35	0.35	0.34	0.35
91--96	State and local	0.99	1.00	1.01	1.01	0.99	0.99	0.99	1.00	1.01	1.02

Notes: * - Concentration ratios in this industry may be inaccurate because how Ohio was affected by the capital gains distribution problem may be different from how the U.S. was affected.

Source: U.S. Bureau of Economic Analysis (2001).

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TABLE 10: GROSS STATE PRODUCT (GSP) STATISTICS, COMPARING OHIO WITH THE U.S., 1999
(current GSP figures are in millions)

1987 Division/ SIC Codes	Industry	GSP		Ohio as Percent of U.S.	Ohio::U.S.		Top 5 States				
		Ohio	U.S.		Concen- tration Ratio	Ohio's GSP Rank					
A--J	Total Gross State Product	\$361,981	\$9,308,983	3.9%	1.00	7	CA	NY	TX	IL	FL
A--I	Private industries	\$323,334	\$8,212,700	3.9%	1.01	7	CA	NY	TX	IL	FL
A	Agriculture, forestry, fishing	\$2,973	\$125,441	2.4%	0.61	14	CA	TX	FL	WA	NC
01, 02	Farms	\$1,522	\$74,211	2.1%	0.53	18	CA	TX	FL	IA	NC
07--09	Agricultural services, forestry & fishing	\$1,450	\$51,230	2.8%	0.73	10	CA	FL	TX	WA	IL
B	Mining	\$1,519	\$111,797	1.4%	0.35	13*	TX	LA	CA	AK	NM
10	Metal mining	\$0	\$5,450	0.0%	0.00	39*	NV	AZ	MN	AK	UT
12	Coal mining	\$469	\$11,260	4.2%	1.07	9	WV	KY	PA	WY	AL
13	Oil & gas extraction	\$591	\$82,829	0.7%	0.18	11	TX	LA	CA	AK	OK
14	Nonmetallic minerals, except fuels	\$460	\$12,258	3.8%	0.97	9	GA	CA	FL	PA	NC
C/15--17	Construction	\$15,645	\$416,354	3.8%	0.97	7	CA	TX	NY	FL	IL
D	Manufacturing	\$93,409	\$1,500,806	6.2%	1.60	3	CA	TX	OH	MI	NY
D(part)	Durable goods	\$62,886	\$877,756	7.2%	1.84	2	CA	OH	MI	TX	IL
24	Lumber & wood products	\$1,680	\$44,147	3.8%	0.98	10	CA	GA	OR	TX	NC
25	Furniture and fixtures	\$1,070	\$25,858	4.1%	1.06	6	MI	NC	CA	IN	MS
32	Stone, clay, & glass products	\$3,177	\$41,024	7.7%	1.99	3	CA	TX	OH	PA	NY
33	Primary metals	\$7,945	\$54,896	14.5%	3.72	1	OH	IN	PA	MI	IL
34	Fabricated metal products	\$10,219	\$105,506	9.7%	2.49	2	MI	OH	IL	CA	TX
35	Industrial machinery & equipment	\$10,462	\$158,157	6.6%	1.70	4	CA	TX	IL	OH	MI
36	Electronic equipment	\$5,948	\$186,554	3.2%	0.82	11	CA	TX	OR	AZ	IL
37	Transportation equipment	\$19,206	\$174,063	11.0%	2.84	2	MI	OH	IN	CA	KY
371	Motor vehicles & equipment	\$16,642	\$114,489	14.5%	3.74	2	MI	OH	IN	KY	MO
372--379	Other transportation equipment	\$2,564	\$59,574	4.3%	1.11	8	CA	WA	CT	TX	FL
38	Instruments and related products	\$1,919	\$59,997	3.2%	0.82	8	CA	NY	MA	TX	MN
39	Miscellaneous manufacturing	\$1,259	\$27,553	4.6%	1.18	7	CA	NY	PA	MA	IL
D(part)	Nondurable goods	\$30,523	\$623,050	4.9%	1.26	7	CA	TX	NY	NC	PA
20	Food & kindred products	\$6,792	\$131,417	5.2%	1.33	5	CA	IL	TX	PA	OH
21	Tobacco products	\$1	\$19,919	0.0%	0.00	19*	NC	VA	GA	KY	NY
22	Textile mill products	\$222	\$25,345	0.9%	0.23	15	NC	GA	SC	AL	CA
23	Apparel & other textile products	\$526	\$25,538	2.1%	0.53	15	CA	NY	TX	NC	MI

TABLE 10: GROSS STATE PRODUCT (GSP) STATISTICS, COMPARING OHIO WITH THE U.S., 1999
(current GSP figures are in millions)

1987 Division/ SIC Codes	Industry	GSP		Ohio as Percent of U.S.	Ohio::U.S.		Top 5 States				
		Ohio	U.S.		Concen- tration Ratio	Ohio's GSP Rank					
26	Paper & allied products	\$2,412	\$56,975	4.2%	1.09	8	WI	GA	PA	CA	TX
27	Printing & publishing	\$4,022	\$98,954	4.1%	1.05	6	NY	CA	IL	PA	TX
28	Chemicals & allied products	\$10,077	\$176,316	5.7%	1.47	6	NJ	PA	TX	CA	NC
29	Petroleum & coal products	\$1,349	\$28,604	4.7%	1.21	5	CA	TX	LA	IL	OH
30	Rubber & miscellaneous plastics	\$5,049	\$55,761	9.1%	2.33	1	OH	CA	IL	MI	TX
31	Leather & leather products	\$73	\$4,222	1.7%	0.44	19	NH	TX	NY	ME	CA
E	Transportation, communication, & utilities	\$26,659	\$779,647	3.4%	0.88	9	CA	TX	NY	IL	FL
40--47	Transportation	\$11,005	\$303,418	3.6%	0.93	9	CA	TX	IL	NY	FL
40	Railroad transportation	\$917	\$23,431	3.9%	1.01	8	TX	NE	IL	MD	CA
41	Local & interurban passenger transit	\$343	\$17,117	2.0%	0.52	15	NY	CA	NJ	PA	TX
42	Trucking and warehousing	\$5,571	\$116,627	4.8%	1.23	4	CA	TX	IL	OH	PA
44	Water transportation	\$300	\$14,395	2.1%	0.54	11	CA	LA	FL	TX	NJ
45	Transportation by air	\$2,862	\$94,996	3.0%	0.77	10	CA	TX	GA	IL	FL
46	Pipelines, except natural gas	\$106	\$6,618	1.6%	0.41	15	AK	TX	IL	LA	MN
47	Transportation services	\$906	\$30,235	3.0%	0.77	9	CA	TX	IL	NY	FL
48	Communication	\$6,846	\$260,215	2.6%	0.68	11	CA	TX	NY	GA	FL
49	Electric, gas, & sanitary services	\$8,808	\$216,014	4.1%	1.05	7	TX	CA	NY	PA	IL
F/50, 51	Wholesale trade	\$25,814	\$643,284	4.0%	1.03	7	CA	TX	NY	IL	FL
G/52--59	Retail trade	\$35,102	\$856,364	4.1%	1.05	6	CA	TX	NY	FL	IL
H	Finance, insurance, & real estate	\$56,156	\$1,792,090	3.1%	0.81	9	CA	NY	TX	FL	IL
60	Depository institutions	\$13,385	\$305,341	4.4%	1.13	6	NY	CA	NC	IL	TX
61	Nondepository institutions	\$1,401	\$45,314	3.1%	0.80	9	CA	FL	TX	IL	NY
62	Security & commodity brokers	\$2,006	\$152,063	1.3%	0.34	13	NY	CA	MA	IL	NJ
63	Insurance carriers	\$6,762	\$164,972	4.1%	1.05	9	CA	NY	IL	CT	TX
64	Insurance agents, brokers, & service	\$1,838	\$56,927	3.2%	0.83	9	CA	NY	TX	FL	IL
65	Real estate	\$29,596	\$1,033,956	2.9%	0.74	9	CA	NY	FL	TX	NJ
67 [@]	Holding and other investment offices [@]	\$1,167	\$33,517	3.5%	0.90	7	NY	TX	CA	PA	IL
I	Services	\$66,058	\$1,986,918	3.3%	0.85	9	CA	NY	TX	FL	IL
70	Hotels & other lodging places	\$1,359	\$83,530	1.6%	0.42	18	NV	CA	FL	NY	NJ
72	Personal services	\$2,442	\$58,186	4.2%	1.08	6	CA	TX	NY	FL	IL

TABLE 10: GROSS STATE PRODUCT (GSP) STATISTICS, COMPARING OHIO WITH THE U.S., 1999
 (current GSP figures are in millions)

1987 Division/ SIC Codes	Industry	GSP		Ohio as Percent of U.S.	Ohio::U.S.		Top 5 States				
		Ohio	U.S.		Concen- tration Ratio	Ohio's GSP Rank					
73	Business services	\$14,558	\$510,757	2.9%	0.73	13	CA	NY	TX	IL	FL
75	Auto repair, services, & parking	\$3,421	\$86,767	3.9%	1.01	7	CA	TX	NY	FL	IL
76	Miscellaneous repair services	\$904	\$25,773	3.5%	0.90	7	CA	TX	FL	NY	IL
78	Motion pictures	\$270	\$29,827	0.9%	0.23	13	CA	NY	TX	FL	IL
79	Amusement and recreation services	\$2,288	\$78,667	2.9%	0.75	7	CA	NY	FL	TX	IL
80	Health services	\$22,452	\$514,209	4.4%	1.12	7	CA	NY	TX	FL	PA
81	Legal services	\$3,400	\$125,093	2.7%	0.70	10	NY	CA	TX	IL	FL
82	Educational services	\$2,237	\$71,100	3.1%	0.81	8	NY	CA	PA	MA	IL
83	Social services	\$2,279	\$61,324	3.7%	0.96	7	NY	CA	PA	IL	FL
86	Membership organizations	\$2,128	\$57,390	3.7%	0.95	9	CA	NY	TX	IL	FL
88	Private households	\$8,063	\$272,828	3.0%	0.76	11	CA	NY	TX	FL	IL
84, 87, 89	Other services	\$257	\$11,467	2.2%	0.58	11	CA	TX	NY	IL	NJ
J	Government	\$38,648	\$1,096,282	3.5%	0.91	8	CA	NY	TX	FL	IL
91--97	Federal	\$7,735	\$313,309	2.5%	0.63	13	CA	VA	TX	DC	MD
91--96, 972	Federal civilian	\$6,506	\$221,828	2.9%	0.75	11	CA	DC	VA	MD	TX
971	Federal military	\$1,229	\$91,481	1.3%	0.35	23	CA	VA	TX	NC	FL
91--96	State and local	\$30,912	\$782,973	3.9%	1.02	6	CA	NY	TX	FL	IL

Notes: The GSP estimates of private industries are presented on the basis of the 1987 Standard Industrial Classification (SIC) code. * - Tied with other states. @ - Numbers for this industry may be unreliable.

Source: U.S. Bureau of Economic Analysis (2001).

Prepared by: Office of Strategic Research, Ohio Dept. of Development, P.O. Box 1001, Col., OH. 43216-1001. Telephone 614/466-2116 (JK, 6/01).

TABLE 11: THE CONCENTRATION OF INDUSTRIES IN OHIO, 1999
(current GSP figures are in millions)

Ohio:U.S. Concentration Ratio	1987 Division/ SIC Codes	Industry Title	Ohio's GSP		U.S. GSP	
			Ohio	Percent of Total	U.S.	Ohio as Percent of U.S.
1.84	D/D	Durable goods	\$62,886	17.4%	\$877,756	7.2%
1.60	D	Manufacturing	\$93,409	25.8%	\$1,500,806	6.2%
1.26	D/N	Nondurable goods	\$30,523	8.4%	\$623,050	4.9%
1.05	G	Retail trade	\$35,102	9.7%	\$856,364	4.1%
1.03	F	Wholesale trade	\$25,814	7.1%	\$643,284	4.0%
1.01	A--I	Private industries	\$323,334	89.3%	\$8,212,700	3.9%
1.00	A--J	Total Gross State Product	\$361,981	100.0%	\$9,308,983	3.9%
0.97	C	Construction	\$15,645	4.3%	\$416,354	3.8%
0.91	J	Government	\$38,648	10.7%	\$1,096,282	3.5%
0.88	E	Transportation, communication, & utilities	\$26,659	7.4%	\$779,647	3.4%
0.85	I	Services	\$66,058	18.2%	\$1,986,918	3.3%
0.81	H	Finance, insurance, & real estate	\$56,156	15.5%	\$1,792,090	3.1%
0.61	A	Agriculture, forestry, fishing	\$2,973	0.8%	\$125,441	2.4%
0.35	B	Mining	\$1,519	0.4%	\$111,797	1.4%
3.74	371	Motor vehicles & equipment	\$16,642	4.6%	\$114,489	14.5%
3.72	33	Primary metals	\$7,945	2.2%	\$54,896	14.5%
2.84	37	Transportation equipment	\$19,206	5.3%	\$174,063	11.0%
2.49	34	Fabricated metal products	\$10,219	2.8%	\$105,506	9.7%
2.33	30	Rubber & miscellaneous plastics	\$5,049	1.4%	\$55,761	9.1%
1.99	32	Stone, clay, & glass products	\$3,177	0.9%	\$41,024	7.7%
1.70	35	Industrial machinery & equipment	\$10,462	2.9%	\$158,157	6.6%
1.47	28	Chemicals & allied products	\$10,077	2.8%	\$176,316	5.7%
1.33	20	Food & kindred products	\$6,792	1.9%	\$131,417	5.2%
1.23	42	Trucking and warehousing	\$5,571	1.5%	\$116,627	4.8%
1.21	29	Petroleum & coal products	\$1,349	0.4%	\$28,604	4.7%
1.18	39	Miscellaneous manufacturing	\$1,259	0.3%	\$27,553	4.6%
1.13	60	Depository institutions	\$13,385	3.7%	\$305,341	4.4%
1.12	80	Health services	\$22,452	6.2%	\$514,209	4.4%
1.11	372--379	Other transportation equipment	\$2,564	0.7%	\$59,574	4.3%
1.09	26	Paper & allied products	\$2,412	0.7%	\$56,975	4.2%

TABLE 11: THE CONCENTRATION OF INDUSTRIES IN OHIO, 1999
(current GSP figures are in millions)

Ohio::U.S. Concentration Ratio	1987 Division/ SIC Codes	Industry Title	Ohio's GSP		U.S. GSP	
			Ohio	Percent of Total	U.S.	Ohio as Percent of U.S.
1.08	72	Personal services	\$2,442	0.7%	\$58,186	4.2%
1.07	12	Coal mining	\$469	0.1%	\$11,260	4.2%
1.06	25	Furniture and fixtures	\$1,070	0.3%	\$25,858	4.1%
1.05	63	Insurance carriers	\$6,762	1.9%	\$164,972	4.1%
1.05	49	Electric, gas, & sanitary services	\$8,808	2.4%	\$216,014	4.1%
1.05	27	Printing & publishing	\$4,022	1.1%	\$98,954	4.1%
1.02	91--96	State and local	\$30,912	8.5%	\$782,973	3.9%
1.01	75	Auto repair, services, & parking	\$3,421	0.9%	\$86,767	3.9%
1.01	40	Railroad transportation	\$917	0.3%	\$23,431	3.9%
0.98	24	Lumber & wood products	\$1,680	0.5%	\$44,147	3.8%
0.97	14	Nonmetallic minerals, except fuels	\$460	0.1%	\$12,258	3.8%
0.96	83	Social services	\$2,279	0.6%	\$61,324	3.7%
0.95	86	Membership organizations	\$2,128	0.6%	\$57,390	3.7%
0.93	40--47	Transportation	\$11,005	3.0%	\$303,418	3.6%
0.90	76	Miscellaneous repair services	\$904	0.2%	\$25,773	3.5%
0.90	67*	Holding and other investment offices*	\$1,167	0.3%	\$33,517	3.5%
0.83	64	Insurance agents, brokers, & service	\$1,838	0.5%	\$56,927	3.2%
0.82	38	Instruments and related products	\$1,919	0.5%	\$59,997	3.2%
0.82	36	Electronic equipment	\$5,948	1.6%	\$186,554	3.2%
0.81	82	Educational services	\$2,237	0.6%	\$71,100	3.1%
0.80	61	Nondepository institutions	\$1,401	0.4%	\$45,314	3.1%
0.77	45	Transportation by air	\$2,862	0.8%	\$94,996	3.0%
0.77	47	Transportation services	\$906	0.3%	\$30,235	3.0%
0.76	88	Private households	\$8,063	2.2%	\$272,828	3.0%
0.75	91--96, 972	Federal civilian	\$6,506	1.8%	\$221,828	2.9%
0.75	79	Amusement and recreation services	\$2,288	0.6%	\$78,667	2.9%
0.74		Real estate	\$29,596	8.2%	\$1,033,956	2.9%
0.73	73	Business services	\$14,558	4.0%	\$510,757	2.9%
0.73	07--09	Agricultural services, forestry & fishing	\$1,450	0.4%	\$51,230	2.8%
0.70	81	Legal services	\$3,400	0.9%	\$125,093	2.7%
0.68	48	Communication	\$6,846	1.9%	\$260,215	2.6%

TABLE 11: THE CONCENTRATION OF INDUSTRIES IN OHIO, 1999
(current GSP figures are in millions)

Ohio::U.S. Concentration Ratio	1987 Division/ SIC Codes	Industry Title	Ohio's GSP		U.S. GSP	
			Ohio	Percent of Total	U.S.	Ohio as Percent of U.S.
0.63	91--97	Federal	\$7,735	2.1%	\$313,309	2.5%
0.58	84, 87, 89	Other services	\$257	0.1%	\$11,467	2.2%
0.54	44	Water transportation	\$300	0.1%	\$14,395	2.1%
0.53	23	Apparel & other textile products	\$526	0.1%	\$25,538	2.1%
0.53	01, 02	Farms	\$1,522	0.4%	\$74,211	2.1%
0.52	41	Local & interurban passenger transit	\$343	0.1%	\$17,117	2.0%
0.44	31	Leather & leather products	\$73	0.0%	\$4,222	1.7%
0.42	70	Hotels & other lodging places	\$1,359	0.4%	\$83,530	1.6%
0.41	46	Pipelines, except natural gas	\$106	0.0%	\$6,618	1.6%
0.35	971	Federal military	\$1,229	0.3%	\$91,481	1.3%
0.34	62	Security & commodity brokers	\$2,006	0.6%	\$152,063	1.3%
0.23	78	Motion pictures	\$270	0.1%	\$29,827	0.9%
0.23	22	Textile mill products	\$222	0.1%	\$25,345	0.9%
0.18	13	Oil & gas extraction	\$591	0.2%	\$82,829	0.7%
0.00	21	Tobacco products	\$1	0.0%	\$19,919	0.0%
0.00	10	Metal mining	\$0	0.0%	\$5,450	0.0%

Notes: * - Numbers for this industry may be unreliable.

Source: U.S. Bureau of Economic Analysis (2001).

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