



**Department of
Development**

Policy Research and Strategic Planning Office
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A large graphic of the state of Ohio, composed of a grid of small, light gray circles. The circles are arranged to form the outline and internal details of the state. A magnifying glass is positioned over the lower right portion of the map, with its lens centered on the word "Ohio".

Gross Domestic Product from Ohio

January 2011

Ohio

GROSS DOMESTIC PRODUCT FROM OHIO

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TERMINOLOGY

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

Beginning in 1997, statistics on the nation's industries have been organized under the North American Industrial Classification System (NAICS). Establishments producing goods or providing services sufficiently alike are classified in the same *industry*. A six-digit NAICS code is assigned to each industry. Closely related industries formed an *industry group*. The first four digits of the code indicate the group to which the industries belong. (The first five digits occasionally indicate a sub-group.) Industry groups with common elements and shared characteristics comprise a *major industry*. The first three digits of the code indicate a major industry, and the first two digits indicate the *sector* (Office of Management and Budget, 1998, 2007). The U.S. BEA (2010) usually publishes GDP-by-state figures down to the major industry level. However, figures are available only at the sector level in some instances, while in a few others, they are available for industry groups or a combination of industry groups within a major industry.

The NAICS uses guidelines that may be new or different from the 1987 Standard Industrial Classification (SIC) system that it replaced. Occasionally, this has meant that establishments classified in the same industry under the SIC system were classified in different industries – even different groups, major industries, and sectors – under the NAICS. Summary results of this change are shown in the table on the following page. Under the SIC system, almost all the 270,540 non-agricultural private-sector establishments in Ohio in 1997 were classified in nine divisions. Under the NAICS, the same establishments were spread across 20 sectors. (Less than one percent of the establishments were unclassifiable in either system). Counts of establishments in divisions or sectors with the same name differed between the systems in 1997: 877 vs. 843 in mining, 18,669 vs. 18,166 in manufacturing, 26,863 vs. 27,420 in construction, etc. Consequently, the change from the SIC system to the NAICS represents an insurmountable discontinuity in charting the changes in Ohio's economy. Presentations of trends almost always have been limited to the times where the effects of inflation and deflation have been removed: 1990-1997 for the SIC system, and 1999-2008/9 for the NAICS. This report concentrates mostly on the latter period.

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

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

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

DETAILED TABLES

Table A1: Ohio's Gross Domestic Product by Sector*, 2009 (in millions of current dollars, except percentages and ratios)

1997 NAICS Codes	Sector Titles	Ohio GDP 2009		U.S. GDP 2009		Ohio as a Percentage of the U.S.	Ohio::U.S. Concentra- tion Ratio
		(000,000)	Percent Distribution	(000,000)	Percent Distribution		
11-92	All Industries	\$471,264	100.00%	\$14,150,800	100.00%	3.33%	1.00
11-81	Private industries	\$416,020	88.28%	\$12,323,800	87.09%	3.38%	1.01
11	Agriculture, forestry, fishing & hunting	\$2,652	0.56%	\$136,413	0.96%	1.94%	0.58
21	Mining	\$1,829	0.39%	\$231,312	1.63%	0.79%	0.24
22	Utilities	\$9,680	2.05%	\$269,220	1.90%	3.60%	1.08
23	Construction	\$15,483	3.29%	\$578,329	4.09%	2.68%	0.80
31-33	Manufacturing	\$73,538	15.60%	\$1,568,590	11.08%	4.69%	1.41
32p & 33	Durable goods	\$46,638	9.90%	\$846,823	5.98%	5.51%	1.65
31 & 32p	Nondurable goods	\$26,900	5.71%	\$721,766	5.10%	3.73%	1.12
42	Wholesale trade	\$28,161	5.98%	\$793,309	5.61%	3.55%	1.07
44-45	Retail trade	\$30,262	6.42%	\$842,249	5.95%	3.59%	1.08
48-49 (exc. 491)	Transportation & warehousing, exc. Postal Service	\$14,622	3.10%	\$393,893	2.78%	3.71%	1.11
51	Information	\$13,412	2.85%	\$633,765	4.48%	2.12%	0.64
52	Finance & insurance	\$45,228	9.60%	\$1,197,960	8.47%	3.78%	1.13
53	Real estate, rental & leasing	\$52,512	11.14%	\$1,859,830	13.14%	2.82%	0.85
54	Professional & technical services	\$28,423	6.03%	\$1,077,520	7.61%	2.64%	0.79
55	Management of companies & enterprises	\$13,889	2.95%	\$252,047	1.78%	5.51%	1.65
56	Administrative & waste services	\$13,501	2.86%	\$394,354	2.79%	3.42%	1.03
61	Educational services	\$4,449	0.94%	\$152,683	1.08%	2.91%	0.87
62	Health care & social assistance	\$41,694	8.85%	\$1,036,150	7.32%	4.02%	1.21
71	Arts, entertainment & recreation	\$3,378	0.72%	\$137,863	0.97%	2.45%	0.74
72	Accommodation & food services	\$11,549	2.45%	\$407,736	2.88%	2.83%	0.85
81	Other services, exc. government	\$11,758	2.49%	\$360,580	2.55%	3.26%	0.98
92	Government (inc. Postal Service)	\$55,244	11.72%	\$1,827,030	12.91%	3.02%	0.91

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

Source: U.S. Bureau Economic Analysis (2010).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 11/10).

Table A2: Ohio and U.S. Gross Domestic Product by Sector, 1999-2009 (in millions of chained 2005 dollars)

1997 NAICS Codes	Industry Titles	Area	Gross Domestic Product (standardized on 2005)										Percent Change 1999-2009	
			1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		2009*
11-92	All Industries	U.S.	\$10,767,500	\$11,223,100	\$11,364,200	\$11,560,300	\$11,807,800	\$12,212,600	\$12,554,500	\$12,895,900	\$13,162,800	\$13,181,900	\$12,903,800	19.8%
		Ohio	\$418,172	\$429,113	\$420,384	\$429,748	\$433,973	\$442,320	\$444,715	\$440,704	\$444,925	\$441,778	\$429,812	2.8%
11-81	Private industries	U.S.	\$9,354,950	\$9,785,670	\$9,911,300	\$10,079,100	\$10,315,700	\$10,713,900	\$11,052,500	\$11,385,500	\$11,633,400	\$11,619,600	\$11,313,900	20.9%
		Ohio	\$369,965	\$380,058	\$371,235	\$379,821	\$384,244	\$393,298	\$396,226	\$393,316	\$397,614	\$394,173	\$381,691	3.2%
11	Agriculture, forestry, fishing & hunting	U.S.	\$92,818	\$103,714	\$100,231	\$104,323	\$115,244	\$122,706	\$127,075	\$128,072	\$120,773	\$132,257	\$138,396	49.1%
		Ohio	\$1,630	\$2,134	\$1,927	\$1,920	\$2,094	\$2,474	\$2,351	\$2,501	\$2,382	\$2,598	\$2,690	65.0%
21	Mining	U.S.	\$264,774	\$232,468	\$262,735	\$265,864	\$231,256	\$229,296	\$192,043	\$207,625	\$198,345	\$199,003	\$206,319	-22.1%
		Ohio	\$3,813	\$2,939	\$3,310	\$3,310	\$2,518	\$2,411	\$1,800	\$1,740	\$1,570	\$1,463	\$1,632	-57.2%
22	Utilities	U.S.	\$215,492	\$222,938	\$193,184	\$200,438	\$207,607	\$215,790	\$205,669	\$207,081	\$214,290	\$221,214	\$228,082	5.8%
		Ohio	\$9,250	\$9,022	\$7,697	\$7,640	\$7,524	\$7,320	\$6,868	\$6,720	\$7,744	\$7,986	\$8,201	-11.3%
23	Construction	U.S.	\$634,355	\$654,978	\$640,208	\$617,915	\$619,391	\$619,855	\$611,652	\$593,818	\$570,871	\$551,807	\$497,245	-21.6%
		Ohio	\$23,758	\$23,669	\$21,668	\$20,440	\$19,792	\$19,116	\$17,430	\$15,913	\$14,827	\$14,185	\$13,312	-44.0%
31-33	Manufacturing	U.S.	\$1,312,720	\$1,396,510	\$1,332,120	\$1,365,340	\$1,404,830	\$1,517,860	\$1,568,040	\$1,636,590	\$1,709,810	\$1,647,420	\$1,550,580	18.1%
		Ohio	\$83,324	\$84,291	\$76,133	\$79,890	\$79,279	\$84,590	\$85,173	\$84,484	\$85,500	\$79,599	\$70,442	-15.5%
32p & 33	Durable goods	U.S.	\$672,401	\$747,470	\$701,933	\$728,029	\$749,468	\$817,684	\$877,646	\$937,509	\$975,824	\$978,413	\$904,749	34.6%
		Ohio	\$48,170	\$52,443	\$47,362	\$49,501	\$49,854	\$54,625	\$57,096	\$56,980	\$57,574	\$57,158	\$49,828	3.4%
31 & 32p	Nondurable goods	U.S.	\$650,541	\$649,552	\$633,055	\$638,924	\$656,977	\$701,215	\$690,391	\$699,707	\$734,423	\$673,917	\$647,981	-0.4%
		Ohio	\$29,966	\$28,290	\$27,722	\$29,825	\$29,235	\$30,090	\$28,077	\$28,318	\$29,827	\$25,396	\$24,150	-19.4%
42	Wholesale trade	U.S.	\$566,331	\$606,014	\$636,356	\$642,402	\$681,206	\$717,796	\$725,284	\$747,454	\$766,508	\$761,869	\$754,170	33.2%
		Ohio	\$21,820	\$22,220	\$23,429	\$23,496	\$24,781	\$26,093	\$26,279	\$27,056	\$27,257	\$27,138	\$26,772	22.7%
44-45	Retail trade	U.S.	\$723,262	\$751,393	\$774,855	\$800,435	\$818,550	\$818,841	\$838,780	\$854,155	\$867,699	\$822,572	\$785,734	8.6%
		Ohio	\$30,002	\$30,929	\$31,362	\$32,178	\$33,016	\$32,198	\$31,987	\$30,606	\$30,960	\$29,281	\$28,232	-5.9%
48-49p	Transportation & warehousing ¹	U.S.	\$298,298	\$318,248	\$306,778	\$302,587	\$317,852	\$346,768	\$369,667	\$386,148	\$397,714	\$387,958	\$377,117	26.4%
		Ohio	\$10,924	\$11,733	\$11,076	\$11,103	\$11,788	\$12,820	\$14,150	\$14,807	\$15,074	\$14,897	\$13,999	28.1%
51	Information	U.S.	\$412,590	\$396,849	\$426,446	\$473,700	\$485,834	\$549,489	\$592,563	\$598,279	\$633,946	\$642,586	\$652,984	58.3%
		Ohio	\$9,923	\$9,208	\$9,824	\$11,177	\$11,607	\$12,713	\$13,491	\$12,732	\$13,461	\$13,667	\$13,819	39.3%
52	Finance & insurance	U.S.	\$755,328	\$841,074	\$937,251	\$935,428	\$947,901	\$947,824	\$1,028,520	\$1,097,120	\$1,081,790	\$1,116,580	\$1,085,930	43.8%
		Ohio	\$27,631	\$31,787	\$32,587	\$34,101	\$35,206	\$35,428	\$37,776	\$37,262	\$37,107	\$39,547	\$40,998	48.4%
53	Real estate, rental & leasing	U.S.	\$1,369,590	\$1,421,690	\$1,462,170	\$1,458,980	\$1,482,080	\$1,517,770	\$1,577,940	\$1,619,410	\$1,693,210	\$1,704,250	\$1,665,770	21.6%
		Ohio	\$46,128	\$48,468	\$50,069	\$49,169	\$48,310	\$47,065	\$46,219	\$45,392	\$46,737	\$46,956	\$47,033	2.0%
54	Professional & technical services	U.S.	\$714,326	\$744,692	\$768,265	\$778,473	\$790,515	\$837,486	\$875,641	\$916,565	\$940,603	\$957,788	\$940,626	31.7%
		Ohio	\$21,206	\$21,916	\$21,769	\$22,165	\$22,290	\$23,273	\$23,626	\$24,136	\$24,866	\$25,275	\$24,812	17.0%
55	Management of companies & enterprises	U.S.	\$203,481	\$215,084	\$224,112	\$225,323	\$225,893	\$221,081	\$217,681	\$219,847	\$216,879	\$221,996	\$216,232	6.3%
		Ohio	\$9,683	\$9,730	\$10,390	\$12,134	\$12,440	\$12,226	\$12,321	\$12,502	\$11,811	\$12,283	\$11,915	23.1%
56	Administrative & waste services	U.S.	\$293,212	\$311,529	\$310,737	\$309,125	\$331,715	\$335,086	\$368,495	\$374,587	\$394,494	\$395,124	\$369,474	26.0%
		Ohio	\$11,428	\$11,385	\$11,094	\$11,124	\$12,122	\$12,326	\$13,117	\$13,133	\$13,670	\$13,772	\$12,649	10.7%
61	Educational services	U.S.	\$113,789	\$116,046	\$114,209	\$119,721	\$120,398	\$123,459	\$120,070	\$121,005	\$123,091	\$125,822	\$124,480	9.4%
		Ohio	\$3,475	\$3,585	\$3,474	\$3,542	\$3,559	\$3,648	\$3,559	\$3,656	\$3,620	\$3,683	\$3,627	4.4%
62	Health care & social assistance	U.S.	\$692,392	\$708,899	\$731,073	\$761,045	\$789,112	\$813,919	\$833,337	\$864,223	\$882,256	\$911,791	\$927,626	34.0%
		Ohio	\$29,659	\$30,647	\$31,642	\$32,464	\$33,585	\$34,572	\$35,135	\$36,190	\$36,094	\$36,870	\$37,327	25.9%
71	Arts, entertainment & recreation	U.S.	\$111,284	\$114,976	\$106,903	\$112,177	\$111,966	\$116,678	\$117,274	\$122,962	\$123,917	\$127,050	\$124,295	11.7%
		Ohio	\$3,554	\$3,298	\$3,168	\$3,177	\$3,114	\$3,082	\$3,041	\$3,101	\$3,093	\$3,128	\$3,045	-14.3%
72	Accommodation & food services	U.S.	\$314,276	\$327,836	\$329,054	\$331,799	\$342,115	\$355,782	\$364,307	\$373,102	\$379,234	\$369,536	\$357,068	13.6%
		Ohio	\$9,864	\$10,189	\$10,086	\$10,180	\$10,497	\$10,776	\$10,704	\$10,557	\$10,810	\$10,437	\$10,114	2.5%
81	Other services, exc. government	U.S.	\$341,305	\$346,571	\$310,354	\$320,132	\$314,949	\$317,309	\$318,454	\$318,802	\$325,919	\$324,990	\$310,259	-9.1%
		Ohio	\$12,918	\$12,872	\$11,754	\$11,982	\$11,613	\$11,586	\$11,200	\$10,787	\$10,913	\$10,669	\$10,117	-21.7%
92	Government ²	U.S.	\$1,412,270	\$1,437,500	\$1,453,000	\$1,481,130	\$1,492,340	\$1,497,410	\$1,502,060	\$1,510,720	\$1,530,500	\$1,561,600	\$1,586,400	12.3%
		Ohio	\$48,084	\$49,014	\$49,241	\$49,923	\$49,711	\$49,013	\$48,489	\$47,292	\$47,200	\$47,515	\$47,958	-0.3%

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

Source: Downey and Aman (2006), U.S. Bureau Economic Analysis (2010), Woodruff, et.al. (2006).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 11/10).

Table A3: Ohio's Gross Domestic Product by Industry, 1999-2008 (in millions of current dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ^b
11-92	All Industries*	\$363,943	\$381,175	\$382,640	\$397,973	\$409,973	\$428,974	\$444,715	\$454,145	\$471,119	\$477,245
11-81	Private industries	\$326,439	\$341,648	\$341,318	\$354,374	\$364,376	\$382,095	\$396,226	\$404,640	\$419,582	\$423,777
11	Agriculture, forestry, fishing & hunting	\$1,630	\$1,967	\$1,894	\$1,738	\$2,100	\$2,878	\$2,351	\$2,392	\$2,899	\$3,205
111-2	Crop & animal production (farms)	\$1,387	\$1,727	\$1,641	\$1,503	\$1,851	\$2,618	\$2,091	\$2,103	\$2,595	\$2,892
113-5	Forestry, fishing & related activities	\$243	\$239	\$254	\$235	\$250	\$260	\$260	\$288	\$304	\$314
21	Mining	\$1,181	\$1,377	\$1,503	\$1,363	\$1,467	\$1,675	\$1,800	\$1,919	\$1,917	\$2,258
211	Oil & gas extraction	\$270	\$349	\$394	\$566	\$607	\$675	\$715	\$739	\$665	\$804
212	Mining, except oil & gas	\$844	\$948	\$1,003	\$696	\$727	\$782	\$809	\$824	\$828	\$940
213	Support activities for mining	\$68	\$80	\$105	\$101	\$134	\$218	\$276	\$356	\$424	\$515
22	Utilities	\$7,415	\$7,038	\$7,075	\$6,898	\$6,953	\$7,056	\$6,868	\$7,664	\$8,927	\$9,213
23	Construction	\$16,044	\$16,887	\$16,602	\$16,352	\$16,486	\$17,099	\$17,430	\$17,448	\$17,173	\$16,434
31-33	Manufacturing	\$83,541	\$83,983	\$76,821	\$79,640	\$78,013	\$83,265	\$85,173	\$85,583	\$86,804	\$82,065
32p & 33	Durable goods	\$57,487	\$58,872	\$51,196	\$52,202	\$50,964	\$54,916	\$57,096	\$56,105	\$55,875	\$53,944
321	Wood products	\$1,039	\$1,053	\$976	\$1,036	\$810	\$1,117	\$1,042	\$933	\$919	\$918
327	Nonmetallic mineral products	\$3,345	\$3,199	\$2,846	\$3,068	\$2,882	\$2,659	\$2,518	\$2,381	\$2,450	\$2,338
331	Primary metals	\$6,690	\$6,473	\$4,902	\$4,536	\$3,889	\$5,560	\$6,694	\$6,500	\$6,828	\$6,396
332	Fabricated metal products	\$10,226	\$10,407	\$8,960	\$8,838	\$9,169	\$9,708	\$10,119	\$10,698	\$11,121	\$12,224
333	Machinery	\$7,034	\$6,697	\$6,234	\$5,643	\$5,692	\$6,111	\$6,873	\$6,675	\$7,016	\$6,872
334	Computer & electronic products	\$2,691	\$2,933	\$2,018	\$1,716	\$1,616	\$2,152	\$2,911	\$2,874	\$2,770	\$3,238
335	Electrical equipment & appliances	\$3,900	\$4,075	\$3,711	\$3,834	\$4,543	\$3,834	\$3,939	\$3,687	\$3,664	\$3,982
336	Transportation equipment	\$19,197	\$20,565	\$18,221	\$19,899	\$18,992	\$20,200	\$19,322	\$18,573	\$17,402	\$14,622
3361-3	Motor vehicles, bodies, trailers & parts	\$16,069	\$16,753	\$14,479	\$16,564	\$15,602	\$16,671	\$15,484	\$14,614	\$12,929	\$10,622
3364-9	Other transportation equipment	\$3,128	\$3,812	\$3,742	\$3,335	\$3,390	\$3,529	\$3,838	\$3,959	\$4,473	\$4,000
337	Furniture & related products	\$1,481	\$1,504	\$1,444	\$1,530	\$1,490	\$1,462	\$1,642	\$1,621	\$1,564	\$1,248
339	Miscellaneous mfg.	\$1,884	\$1,965	\$1,884	\$2,102	\$1,879	\$2,114	\$2,035	\$2,163	\$2,141	\$2,105
31 & 32p	Nondurable goods ¹	\$26,054	\$25,111	\$25,625	\$27,438	\$27,049	\$28,349	\$28,077	\$29,478	\$30,929	\$28,122
311-2	Food products	\$7,019	\$6,591	\$7,594	\$8,125	\$7,405	\$7,507	\$7,004	\$7,599	\$7,856	\$7,684
313-4	Textile & textile product mills	\$488	\$484	\$473	\$426	\$338	\$432	\$380	\$349	\$441	\$347
315	Apparel	\$135	\$144	\$179	\$182	\$211	\$211	\$227	\$204	\$257	\$237
322	Paper	\$2,526	\$2,471	\$2,269	\$2,360	\$2,029	\$2,245	\$2,213	\$2,457	\$2,501	\$2,361
323	Printing & related support activities	\$1,974	\$1,961	\$1,844	\$1,938	\$2,016	\$2,045	\$2,078	\$2,025	\$1,943	\$1,723
324	Petroleum & coal products	\$888	\$1,700	\$2,004	\$1,428	\$1,956	\$2,527	\$3,702	\$4,181	\$3,073	\$2,332
325	Chemical	\$6,930	\$6,010	\$6,363	\$7,521	\$7,722	\$8,025	\$6,983	\$7,490	\$9,151	\$8,475
326	Plastics & rubber products	\$6,094	\$5,749	\$4,899	\$5,458	\$5,372	\$5,358	\$5,490	\$5,173	\$5,706	\$4,964
42	Wholesale trade	\$22,312	\$22,646	\$22,580	\$22,489	\$23,211	\$24,883	\$26,279	\$27,856	\$29,033	\$29,245
44-45	Retail trade	\$27,103	\$28,247	\$28,490	\$29,393	\$31,015	\$31,249	\$31,987	\$31,355	\$31,857	\$30,825
48-49p	Transportation & warehousing ²	\$10,514	\$11,111	\$10,925	\$11,096	\$11,859	\$12,830	\$14,150	\$15,165	\$15,453	\$15,566
481	Air transportation	\$965	\$949	\$709	\$892	\$1,243	\$1,292	\$1,404	\$1,495	\$1,491	\$1,573
482	Rail transportation	\$882	\$909	\$879	\$849	\$894	\$936	\$1,013	\$1,115	\$1,120	\$1,148
483	Water transportation	\$210	\$257	\$227	\$193	\$191	\$140	\$143	\$159	\$139	\$121
484	Truck transportation	\$4,604	\$4,549	\$4,788	\$4,866	\$5,064	\$5,477	\$5,908	\$6,145	\$6,249	\$6,214
485	Transit & ground passenger transportation	\$269	\$269	\$280	\$308	\$310	\$336	\$333	\$348	\$361	\$360
486	Pipeline transportation	\$89	\$82	\$102	\$132	\$124	\$126	\$135	\$142	\$160	\$153
487-8, 492	Other transportation & support activities	\$2,516	\$2,997	\$2,904	\$2,783	\$2,821	\$3,036	\$3,383	\$3,679	\$3,580	\$3,658
493	Warehousing & storage	\$980	\$1,100	\$1,036	\$1,074	\$1,212	\$1,487	\$1,831	\$2,083	\$2,351	\$2,338
51	Information	\$10,548	\$9,695	\$10,391	\$11,791	\$12,151	\$13,052	\$13,491	\$12,625	\$13,224	\$13,240
511	Publishing including software	\$3,530	\$2,547	\$2,783	\$3,684	\$4,013	\$4,568	\$4,825	\$4,040	\$4,257	\$4,302
512	Motion picture & sound recording industries	\$345	\$283	\$314	\$319	\$308	\$315	\$312	\$320	\$325	\$310
513	Broadcasting & telecommunications	\$5,963	\$6,356	\$6,387	\$6,408	\$6,339	\$6,638	\$6,963	\$6,811	\$7,693	\$7,594
514	Information & data processing svcs.	\$710	\$509	\$908	\$1,380	\$1,492	\$1,532	\$1,391	\$1,454	\$950	\$1,034

Table A3: Ohio's Gross Domestic Product by Industry, 1999-2008 (in millions of current dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹
52	Finance & insurance	\$24,940	\$28,799	\$29,160	\$31,480	\$33,544	\$34,734	\$37,776	\$37,548	\$38,475	\$42,500
521-2	Federal Reserve, credit intermediation, etc.	\$12,596	\$13,996	\$15,381	\$18,856	\$20,236	\$19,875	\$21,749	\$20,719	\$20,100	\$20,413
523	Securities, commodity contracts, investments	\$1,733	\$1,724	\$2,364	\$2,115	\$1,949	\$1,920	\$2,267	\$2,467	\$2,236	\$2,127
524	Insurance carriers & related activities	\$10,214	\$12,652	\$11,189	\$10,292	\$11,144	\$12,728	\$13,515	\$14,041	\$15,751	\$19,451
525	Funds, trusts & other financial vehicles	\$398	\$427	\$227	\$216	\$215	\$211	\$244	\$321	\$388	\$508
53	Real estate, rental & leasing	\$38,808	\$42,126	\$45,068	\$45,791	\$46,058	\$45,907	\$46,219	\$46,868	\$49,250	\$50,765
531	Real estate	\$34,564	\$37,157	\$39,898	\$40,629	\$41,464	\$41,363	\$41,520	\$41,437	\$43,554	\$45,107
532-3	Rental & leasing svcs., leasing intangible assets	\$4,245	\$4,970	\$5,169	\$5,162	\$4,593	\$4,544	\$4,698	\$5,431	\$5,695	\$5,658
54	Professional & technical svcs.	\$18,020	\$19,495	\$19,866	\$20,470	\$21,020	\$22,523	\$23,626	\$25,074	\$27,066	\$28,251
5411	Legal svcs.	\$3,686	\$3,891	\$3,969	\$4,220	\$4,236	\$4,522	\$4,607	\$4,508	\$4,757	\$4,794
5415	Computer systems design & related svcs.	\$3,067	\$3,070	\$3,349	\$3,272	\$3,376	\$3,616	\$3,883	\$4,355	\$5,021	\$5,325
5412-4, 6-9	Other professional, scientific & technical svcs.	\$11,267	\$12,534	\$12,549	\$12,977	\$13,409	\$14,385	\$15,136	\$16,211	\$17,287	\$18,132
55	Management of companies & enterprises	\$7,047	\$7,740	\$8,092	\$9,603	\$10,586	\$11,231	\$12,321	\$13,321	\$13,888	\$14,421
56	Administrative & waste svcs.	\$9,942	\$10,352	\$10,532	\$10,833	\$11,755	\$12,258	\$13,117	\$13,499	\$14,488	\$14,523
561	Administrative & support svcs.	\$8,876	\$9,249	\$9,335	\$9,590	\$10,285	\$10,780	\$11,581	\$12,122	\$13,055	\$13,078
562	Waste management & remediation svcs.	\$1,067	\$1,104	\$1,197	\$1,243	\$1,470	\$1,478	\$1,536	\$1,377	\$1,433	\$1,445
61	Educational svcs.	\$2,427	\$2,652	\$2,698	\$2,924	\$3,135	\$3,427	\$3,559	\$3,888	\$4,032	\$4,270
62	Health care & social assistance	\$23,946	\$25,599	\$27,722	\$29,474	\$31,546	\$33,572	\$35,135	\$37,124	\$38,436	\$40,092
621	Ambulatory health care svcs.	\$10,792	\$11,844	\$12,525	\$13,236	\$14,103	\$14,936	\$15,764	\$16,626	\$17,206	\$17,912
622-3	Hospitals & nursing & residential care facilities	\$11,683	\$12,182	\$13,348	\$14,262	\$15,354	\$16,474	\$17,037	\$18,016	\$18,558	\$19,329
624	Social assistance	\$1,471	\$1,574	\$1,848	\$1,975	\$2,088	\$2,162	\$2,333	\$2,482	\$2,672	\$2,851
71	Arts, entertainment & recreation	\$2,905	\$2,828	\$2,810	\$2,893	\$2,941	\$2,993	\$3,041	\$3,192	\$3,290	\$3,399
711-2	Performing arts, museums & related activities	\$1,417	\$1,260	\$1,439	\$1,508	\$1,564	\$1,532	\$1,569	\$1,659	\$1,812	\$1,811
713	Amusements, gambling & recreation	\$1,489	\$1,568	\$1,371	\$1,385	\$1,377	\$1,460	\$1,472	\$1,533	\$1,478	\$1,588
72	Accommodation & food svcs.	\$8,300	\$8,797	\$9,083	\$9,481	\$9,854	\$10,402	\$10,704	\$10,886	\$11,562	\$11,507
721	Accommodation	\$1,392	\$1,417	\$1,443	\$1,507	\$1,498	\$1,581	\$1,634	\$1,624	\$1,749	\$1,770
722	Food services & drinking places	\$6,908	\$7,380	\$7,640	\$7,973	\$8,357	\$8,822	\$9,070	\$9,261	\$9,813	\$9,737
81	Other svcs., except government	\$9,815	\$10,310	\$10,006	\$10,666	\$10,681	\$11,063	\$11,200	\$11,234	\$11,808	\$11,998
92	Government	\$37,504	\$39,527	\$41,323	\$43,598	\$45,596	\$46,879	\$48,489	\$49,505	\$51,537	\$53,468
92a & b	Federal government	\$7,215	\$7,733	\$7,719	\$8,371	\$8,948	\$9,411	\$9,668	\$9,861	\$10,212	\$10,475
92a	Civilian ³	\$6,030	\$6,488	\$6,413	\$6,788	\$7,035	\$7,343	\$7,432	\$7,673	\$8,012	\$8,112
92b	Military	\$1,185	\$1,245	\$1,306	\$1,583	\$1,913	\$2,068	\$2,236	\$2,188	\$2,200	\$2,363
92c	State & local	\$30,289	\$31,794	\$33,605	\$35,227	\$36,648	\$37,468	\$38,821	\$39,643	\$41,326	\$42,993

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

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

Source: U.S. Bureau Economic Analysis (2010).

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Table A4: Percentage Distribution of Ohio's Gross Domestic Product by Industry, 1999-2008 (based on current dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008*
11-92	All Industries*	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
11-81	Private industries	89.70%	89.63%	89.20%	89.04%	88.88%	89.07%	89.10%	89.10%	89.06%	88.80%
11	Agriculture, forestry, fishing & hunting	0.45%	0.52%	0.49%	0.44%	0.51%	0.67%	0.53%	0.53%	0.62%	0.67%
111-2	Crop & animal production (farms)	0.38%	0.45%	0.43%	0.38%	0.45%	0.61%	0.47%	0.46%	0.55%	0.61%
113-5	Forestry, fishing & related activities	0.07%	0.06%	0.07%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.07%
21	Mining	0.32%	0.36%	0.39%	0.34%	0.36%	0.39%	0.40%	0.42%	0.41%	0.47%
211	Oil & gas extraction	0.07%	0.09%	0.10%	0.14%	0.15%	0.16%	0.16%	0.16%	0.14%	0.17%
212	Mining, except oil & gas	0.23%	0.25%	0.26%	0.17%	0.18%	0.18%	0.18%	0.18%	0.18%	0.20%
213	Support activities for mining	0.02%	0.02%	0.03%	0.03%	0.03%	0.05%	0.06%	0.08%	0.09%	0.11%
22	Utilities	2.04%	1.85%	1.85%	1.73%	1.70%	1.64%	1.54%	1.69%	1.89%	1.93%
23	Construction	4.41%	4.43%	4.34%	4.11%	4.02%	3.99%	3.92%	3.84%	3.65%	3.44%
31-33	Manufacturing	22.95%	22.03%	20.08%	20.01%	19.03%	19.41%	19.15%	18.84%	18.43%	17.20%
32p & 33	Durable goods	15.80%	15.44%	13.38%	13.12%	12.43%	12.80%	12.84%	12.35%	11.86%	11.30%
321	Wood products	0.29%	0.28%	0.26%	0.26%	0.20%	0.26%	0.23%	0.21%	0.20%	0.19%
327	Nonmetallic mineral products	0.92%	0.84%	0.74%	0.77%	0.70%	0.62%	0.57%	0.52%	0.52%	0.49%
331	Primary metals	1.84%	1.70%	1.28%	1.14%	0.95%	1.30%	1.51%	1.43%	1.45%	1.34%
332	Fabricated metal products	2.81%	2.73%	2.34%	2.22%	2.24%	2.26%	2.28%	2.36%	2.36%	2.56%
333	Machinery	1.93%	1.76%	1.63%	1.42%	1.39%	1.42%	1.55%	1.47%	1.49%	1.44%
334	Computer & electronic products	0.74%	0.77%	0.53%	0.43%	0.39%	0.50%	0.65%	0.63%	0.59%	0.68%
335	Electrical equipment & appliances	1.07%	1.07%	0.97%	0.96%	1.11%	0.89%	0.89%	0.81%	0.78%	0.83%
336	Transportation equipment	5.27%	5.40%	4.76%	5.00%	4.63%	4.71%	4.34%	4.09%	3.69%	3.06%
3361-3	Motor vehicles, bodies, trailers & parts	4.42%	4.40%	3.78%	4.16%	3.81%	3.89%	3.48%	3.22%	2.74%	2.23%
3364-9	Other transportation equipment	0.86%	1.00%	0.98%	0.84%	0.83%	0.82%	0.86%	0.87%	0.95%	0.84%
337	Furniture & related products	0.41%	0.39%	0.38%	0.38%	0.36%	0.34%	0.37%	0.36%	0.33%	0.26%
339	Miscellaneous mfg.	0.52%	0.52%	0.49%	0.53%	0.46%	0.49%	0.46%	0.48%	0.45%	0.44%
31 & 32p	Nondurable goods ¹	7.16%	6.59%	6.70%	6.89%	6.60%	6.61%	6.31%	6.49%	6.57%	5.89%
311-2	Food products	1.93%	1.73%	1.98%	2.04%	1.81%	1.75%	1.57%	1.67%	1.67%	1.61%
313-4	Textile & textile product mills	0.13%	0.13%	0.12%	0.11%	0.08%	0.10%	0.09%	0.08%	0.09%	0.07%
315	Apparel	0.04%	0.04%	0.05%	0.05%	0.05%	0.05%	0.05%	0.04%	0.05%	0.05%
322	Paper	0.69%	0.65%	0.59%	0.59%	0.49%	0.52%	0.50%	0.54%	0.53%	0.49%
323	Printing & related support activities	0.54%	0.51%	0.48%	0.49%	0.49%	0.48%	0.47%	0.45%	0.41%	0.36%
324	Petroleum & coal products	0.24%	0.45%	0.52%	0.36%	0.48%	0.59%	0.83%	0.92%	0.65%	0.49%
325	Chemical	1.90%	1.58%	1.66%	1.89%	1.88%	1.87%	1.57%	1.65%	1.94%	1.78%
326	Plastics & rubber products	1.67%	1.51%	1.28%	1.37%	1.31%	1.25%	1.23%	1.14%	1.21%	1.04%
42	Wholesale trade	6.13%	5.94%	5.90%	5.65%	5.66%	5.80%	5.91%	6.13%	6.16%	6.13%
44-45	Retail trade	7.45%	7.41%	7.45%	7.39%	7.57%	7.28%	7.19%	6.90%	6.76%	6.46%
48-49p	Transportation & warehousing ²	2.89%	2.91%	2.86%	2.79%	2.89%	2.99%	3.18%	3.34%	3.28%	3.26%
481	Air transportation	0.27%	0.25%	0.19%	0.22%	0.30%	0.30%	0.32%	0.33%	0.32%	0.33%
482	Rail transportation	0.24%	0.24%	0.23%	0.21%	0.22%	0.22%	0.23%	0.25%	0.24%	0.24%
483	Water transportation	0.06%	0.07%	0.06%	0.05%	0.05%	0.03%	0.03%	0.04%	0.03%	0.03%
484	Truck transportation	1.27%	1.19%	1.25%	1.22%	1.24%	1.28%	1.33%	1.35%	1.33%	1.30%
485	Transit & ground passenger transportation	0.07%	0.07%	0.07%	0.08%	0.08%	0.08%	0.07%	0.08%	0.08%	0.08%
486	Pipeline transportation	0.02%	0.02%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%
487-8, 492	Other transportation & support activities	0.69%	0.79%	0.76%	0.70%	0.69%	0.71%	0.76%	0.81%	0.76%	0.77%
493	Warehousing & storage	0.27%	0.29%	0.27%	0.27%	0.30%	0.35%	0.41%	0.46%	0.50%	0.49%
51	Information	2.90%	2.54%	2.72%	2.96%	2.96%	3.04%	3.03%	2.78%	2.81%	2.77%
511	Publishing including software	0.97%	0.67%	0.73%	0.93%	0.98%	1.06%	1.08%	0.89%	0.90%	0.90%
512	Motion picture & sound recording industries	0.09%	0.07%	0.08%	0.08%	0.08%	0.07%	0.07%	0.07%	0.07%	0.06%
513	Broadcasting & telecommunications	1.64%	1.67%	1.67%	1.61%	1.55%	1.55%	1.57%	1.50%	1.63%	1.59%
514	Information & data processing svcs.	0.20%	0.13%	0.24%	0.35%	0.36%	0.36%	0.31%	0.32%	0.20%	0.22%

Table A4: Percentage Distribution of Ohio's Gross Domestic Product by Industry, 1999-2008 (based on current dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹
52	Finance & insurance	6.85%	7.56%	7.62%	7.91%	8.18%	8.10%	8.49%	8.27%	8.17%	8.91%
521-2	Federal Reserve, credit intermediation, etc.	3.46%	3.67%	4.02%	4.74%	4.94%	4.63%	4.89%	4.56%	4.27%	4.28%
523	Securities, commodity contracts, investments	0.48%	0.45%	0.62%	0.53%	0.48%	0.45%	0.51%	0.54%	0.47%	0.45%
524	Insurance carriers & related activities	2.81%	3.32%	2.92%	2.59%	2.72%	2.97%	3.04%	3.09%	3.34%	4.08%
525	Funds, trusts & other financial vehicles	0.11%	0.11%	0.06%	0.05%	0.05%	0.05%	0.05%	0.07%	0.08%	0.11%
53	Real estate, rental & leasing	10.66%	11.05%	11.78%	11.51%	11.23%	10.70%	10.39%	10.32%	10.45%	10.64%
531	Real estate	9.50%	9.75%	10.43%	10.21%	10.11%	9.64%	9.34%	9.12%	9.24%	9.45%
532-3	Rental & leasing svcs., leasing intangible assets	1.17%	1.30%	1.35%	1.30%	1.12%	1.06%	1.06%	1.20%	1.21%	1.19%
54	Professional & technical svcs.	4.95%	5.11%	5.19%	5.14%	5.13%	5.25%	5.31%	5.52%	5.75%	5.92%
5411	Legal svcs.	1.01%	1.02%	1.04%	1.06%	1.03%	1.05%	1.04%	0.99%	1.01%	1.00%
5415	Computer systems design & related svcs.	0.84%	0.81%	0.88%	0.82%	0.82%	0.84%	0.87%	0.96%	1.07%	1.12%
5412-4, 6-9	Other professional, scientific & technical svcs.	3.10%	3.29%	3.28%	3.26%	3.27%	3.35%	3.40%	3.57%	3.67%	3.80%
55	Management of companies & enterprises	1.94%	2.03%	2.11%	2.41%	2.58%	2.62%	2.77%	2.93%	2.95%	3.02%
56	Administrative & waste svcs.	2.73%	2.72%	2.75%	2.72%	2.87%	2.86%	2.95%	2.97%	3.08%	3.04%
561	Administrative & support svcs.	2.44%	2.43%	2.44%	2.41%	2.51%	2.51%	2.60%	2.67%	2.77%	2.74%
562	Waste management & remediation svcs.	0.29%	0.29%	0.31%	0.31%	0.36%	0.34%	0.35%	0.30%	0.30%	0.30%
61	Educational svcs.	0.67%	0.70%	0.71%	0.73%	0.76%	0.80%	0.80%	0.86%	0.86%	0.89%
62	Health care & social assistance	6.58%	6.72%	7.24%	7.41%	7.69%	7.83%	7.90%	8.17%	8.16%	8.40%
621	Ambulatory health care svcs.	2.97%	3.11%	3.27%	3.33%	3.44%	3.48%	3.54%	3.66%	3.65%	3.75%
622-3	Hospitals & nursing & residential care facilities	3.21%	3.20%	3.49%	3.58%	3.75%	3.84%	3.83%	3.97%	3.94%	4.05%
624	Social assistance	0.40%	0.41%	0.48%	0.50%	0.51%	0.50%	0.52%	0.55%	0.57%	0.60%
71	Arts, entertainment & recreation	0.80%	0.74%	0.73%	0.73%	0.72%	0.70%	0.68%	0.70%	0.70%	0.71%
711-2	Performing arts, museums & related activities	0.39%	0.33%	0.38%	0.38%	0.38%	0.36%	0.35%	0.37%	0.38%	0.38%
713	Amusements, gambling & recreation	0.41%	0.41%	0.36%	0.35%	0.34%	0.34%	0.33%	0.34%	0.31%	0.33%
72	Accommodation & food svcs.	2.28%	2.31%	2.37%	2.38%	2.40%	2.42%	2.41%	2.40%	2.45%	2.41%
721	Accommodation	0.38%	0.37%	0.38%	0.38%	0.37%	0.37%	0.37%	0.36%	0.37%	0.37%
722	Food services & drinking places	1.90%	1.94%	2.00%	2.00%	2.04%	2.06%	2.04%	2.04%	2.08%	2.04%
81	Other svcs., except government	2.70%	2.70%	2.61%	2.68%	2.61%	2.58%	2.52%	2.47%	2.51%	2.51%
92	Government	10.30%	10.37%	10.80%	10.96%	11.12%	10.93%	10.90%	10.90%	10.94%	11.20%
92a & b	Federal government	1.98%	2.03%	2.02%	2.10%	2.18%	2.19%	2.17%	2.17%	2.17%	2.19%
92a	Civilian ³	1.66%	1.70%	1.68%	1.71%	1.72%	1.71%	1.67%	1.69%	1.70%	1.70%
92b	Military	0.33%	0.33%	0.34%	0.40%	0.47%	0.48%	0.50%	0.48%	0.47%	0.50%
92c	State & local	8.32%	8.34%	8.78%	8.85%	8.94%	8.73%	8.73%	8.73%	8.77%	9.01%

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

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

Source: U.S. Bureau Economic Analysis (2010).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 11/10).

Table A5: Ohio's Gross Domestic Product by Industry, 1999-2008 (in millions of chained 2005 dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product										Percent Change 1999-2008
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ^b	
11-92	All Industries*	\$418,172	\$429,113	\$420,384	\$429,748	\$433,973	\$442,320	\$444,715	\$440,704	\$444,925	\$441,778	5.6%
11-81	Private industries	\$369,965	\$380,058	\$371,235	\$379,821	\$384,244	\$393,298	\$396,226	\$393,316	\$397,614	\$394,173	6.5%
11	Agriculture, forestry, fishing & hunting	\$1,630	\$2,134	\$1,927	\$1,920	\$2,094	\$2,474	\$2,351	\$2,501	\$2,382	\$2,598	59.4%
111-2	Crop & animal production (farms)	\$1,417	\$1,960	\$1,673	\$1,687	\$1,833	\$2,168	\$2,091	\$2,241	\$2,045	\$2,264	59.8%
113-5	Forestry, fishing & related activities	\$226	\$224	\$256	\$247	\$256	\$264	\$260	\$282	\$287	\$284	25.7%
21	Mining	\$3,813	\$2,939	\$3,310	\$3,310	\$2,518	\$2,411	\$1,800	\$1,740	\$1,570	\$1,463	-61.6%
211	Oil & gas extraction	\$1,410	\$802	\$965	\$1,712	\$1,095	\$991	\$715	\$732	\$612	\$515	-63.5%
212	Mining, except oil & gas	\$1,351	\$1,549	\$1,619	\$1,076	\$1,072	\$985	\$809	\$712	\$630	\$611	-54.8%
213	Support activities for mining	\$121	\$171	\$217	\$183	\$223	\$345	\$276	\$235	\$236	\$325	168.6%
22	Utilities	\$9,250	\$9,022	\$7,697	\$7,640	\$7,524	\$7,320	\$6,868	\$6,720	\$7,744	\$7,986	-13.7%
23	Construction	\$23,758	\$23,669	\$21,668	\$20,440	\$19,792	\$19,116	\$17,430	\$15,913	\$14,827	\$14,185	-40.3%
31-33	Manufacturing	\$83,324	\$84,291	\$76,133	\$79,890	\$79,279	\$84,590	\$85,173	\$84,484	\$85,500	\$79,599	-4.5%
32p & 33	Durable goods	\$48,170	\$52,443	\$47,362	\$49,501	\$49,854	\$54,625	\$57,096	\$56,980	\$57,574	\$57,158	18.7%
321	Wood products	\$1,132	\$1,221	\$1,130	\$1,218	\$917	\$1,088	\$1,042	\$1,012	\$1,157	\$1,231	8.7%
327	Nonmetallic mineral products	\$3,555	\$3,413	\$3,068	\$3,228	\$3,126	\$2,851	\$2,518	\$2,103	\$2,178	\$2,177	-38.8%
331	Primary metals	\$9,297	\$8,695	\$7,088	\$6,595	\$5,796	\$6,422	\$6,694	\$5,063	\$5,014	\$4,418	-52.5%
332	Fabricated metal products	\$10,796	\$11,176	\$9,349	\$9,247	\$9,786	\$10,274	\$10,119	\$10,745	\$10,720	\$11,400	5.6%
333	Machinery	\$7,035	\$6,748	\$6,077	\$5,486	\$5,601	\$6,267	\$6,873	\$6,653	\$6,839	\$6,762	-3.9%
334	Computer & electronic products	\$938	\$1,389	\$1,278	\$1,220	\$1,313	\$1,952	\$2,911	\$3,216	\$3,485	\$4,531	383.0%
335	Electrical equipment & appliances	\$3,693	\$3,935	\$3,485	\$3,651	\$4,478	\$3,896	\$3,939	\$3,632	\$3,426	\$3,659	-0.9%
336	Transportation equipment	\$16,629	\$17,883	\$15,552	\$17,407	\$16,789	\$18,743	\$19,322	\$20,288	\$19,233	\$17,306	4.1%
3361-3	Motor vehicles, bodies, trailers & parts	\$12,728	\$13,338	\$11,347	\$13,725	\$13,188	\$15,096	\$15,484	\$16,435	\$14,915	\$13,440	5.6%
3364-9	Other transportation equipment	\$3,901	\$4,545	\$4,205	\$3,682	\$3,601	\$3,647	\$3,838	\$3,853	\$4,318	\$3,866	-0.9%
337	Furniture & related products	\$1,570	\$1,563	\$1,446	\$1,507	\$1,479	\$1,525	\$1,642	\$1,601	\$1,493	\$1,182	-24.7%
339	Miscellaneous mfg.	\$1,931	\$2,030	\$1,891	\$2,072	\$1,848	\$2,114	\$2,035	\$2,155	\$2,096	\$2,072	7.3%
31 & 32p	Nondurable goods ¹	\$29,966	\$28,290	\$27,722	\$29,825	\$29,235	\$30,090	\$28,077	\$28,318	\$29,827	\$25,396	-15.3%
311-2	Food products	\$7,616	\$7,027	\$7,776	\$7,891	\$7,465	\$7,215	\$7,004	\$8,088	\$8,718	\$7,685	0.9%
313-4	Textile & textile product mills	\$465	\$477	\$452	\$416	\$357	\$437	\$380	\$338	\$436	\$337	-27.5%
315	Apparel	\$120	\$131	\$167	\$170	\$200	\$206	\$227	\$205	\$259	\$244	103.3%
322	Paper	\$2,653	\$2,334	\$2,128	\$2,252	\$2,028	\$2,293	\$2,213	\$2,272	\$2,254	\$2,003	-24.5%
323	Printing & related support activities	\$1,825	\$1,822	\$1,747	\$1,949	\$2,040	\$2,100	\$2,078	\$1,947	\$1,882	\$1,732	-5.1%
324	Petroleum & coal products	\$1,769	\$2,888	\$2,852	\$2,560	\$2,832	\$3,425	\$3,702	\$3,611	\$2,539	\$1,928	9.0%
325	Chemical	\$7,684	\$6,710	\$6,837	\$7,926	\$7,988	\$8,296	\$6,983	\$7,260	\$8,890	\$7,308	-4.9%
326	Plastics & rubber products	\$6,113	\$5,852	\$4,847	\$5,354	\$5,382	\$5,527	\$5,490	\$4,692	\$5,319	\$4,500	-26.4%
42	Wholesale trade	\$21,820	\$22,220	\$23,429	\$23,496	\$24,781	\$26,093	\$26,279	\$27,056	\$27,257	\$27,138	24.4%
44-45	Retail trade	\$30,002	\$30,929	\$31,362	\$32,178	\$33,016	\$32,198	\$31,987	\$30,606	\$30,960	\$29,281	-2.4%
48-49p	Transportation & warehousing ²	\$10,924	\$11,733	\$11,076	\$11,103	\$11,788	\$12,820	\$14,150	\$14,807	\$15,074	\$14,897	36.4%
481	Air transportation	\$717	\$774	\$593	\$797	\$1,138	\$1,265	\$1,404	\$1,439	\$1,467	\$1,543	115.2%
482	Rail transportation	\$1,040	\$1,087	\$1,015	\$944	\$994	\$1,033	\$1,013	\$993	\$965	\$881	-15.3%
483	Water transportation	\$180	\$228	\$169	\$127	\$111	\$99	\$143	\$191	\$192	\$180	0.0%
484	Truck transportation	\$5,078	\$5,003	\$4,979	\$4,957	\$5,098	\$5,474	\$5,908	\$6,143	\$6,385	\$6,353	25.1%
485	Transit & ground passenger transportation	\$321	\$318	\$317	\$338	\$326	\$346	\$333	\$337	\$345	\$338	5.3%
486	Pipeline transportation	\$77	\$79	\$93	\$116	\$115	\$119	\$135	\$124	\$134	\$129	67.5%
487-8, 492	Other transportation & support activities	\$2,861	\$3,357	\$3,080	\$2,878	\$2,897	\$3,078	\$3,383	\$3,577	\$3,375	\$3,340	16.7%
493	Warehousing & storage	\$1,101	\$1,215	\$1,115	\$1,142	\$1,278	\$1,494	\$1,831	\$2,050	\$2,238	\$2,137	94.1%
51	Information	\$9,923	\$9,208	\$9,824	\$11,177	\$11,607	\$12,713	\$13,491	\$12,732	\$13,461	\$13,667	37.7%
511	Publishing including software	\$3,654	\$2,582	\$2,719	\$3,548	\$3,886	\$4,581	\$4,825	\$3,959	\$4,182	\$4,225	15.6%
512	Motion picture & sound recording industries	\$423	\$327	\$343	\$337	\$328	\$325	\$312	\$314	\$308	\$292	-31.0%
513	Broadcasting & telecommunications	\$5,097	\$5,624	\$5,765	\$5,892	\$5,877	\$6,283	\$6,963	\$7,000	\$7,961	\$8,055	58.0%
514	Information & data processing svcs.	\$705	\$513	\$877	\$1,320	\$1,439	\$1,513	\$1,391	\$1,463	\$1,023	\$1,125	59.6%

Table A5: Ohio's Gross Domestic Product by Industry, 1999-2008 (in millions of chained 2005 dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product										Percent Change 1999-2008
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008*	
52	Finance & insurance	\$27,631	\$31,787	\$32,587	\$34,101	\$35,206	\$35,428	\$37,776	\$37,262	\$37,107	\$39,547	43.1%
521-2	Federal Reserve, credit intermediation, etc.	\$14,513	\$15,344	\$16,691	\$19,570	\$20,491	\$19,914	\$21,749	\$20,831	\$19,672	\$19,156	32.0%
523	Securities, commodity contracts, investments	\$1,389	\$1,702	\$2,666	\$2,397	\$2,179	\$2,006	\$2,267	\$2,394	\$1,992	\$1,737	25.1%
524	Insurance carriers & related activities	\$13,060	\$15,627	\$13,387	\$11,800	\$12,065	\$13,182	\$13,515	\$13,808	\$15,403	\$18,883	44.6%
525	Funds, trusts & other financial vehicles	\$381	\$349	\$202	\$206	\$205	\$211	\$244	\$330	\$409	\$536	40.7%
53	Real estate, rental & leasing	\$46,128	\$48,468	\$50,069	\$49,169	\$48,310	\$47,065	\$46,219	\$45,392	\$46,737	\$46,956	1.8%
531	Real estate	\$41,049	\$42,853	\$44,275	\$43,400	\$43,337	\$42,385	\$41,520	\$40,084	\$41,269	\$41,738	1.7%
532-3	Rental & leasing svcs., leasing intangible assets	\$5,101	\$5,637	\$5,821	\$5,802	\$4,975	\$4,680	\$4,698	\$5,315	\$5,476	\$5,221	2.4%
54	Professional & technical svcs.	\$21,206	\$21,916	\$21,769	\$22,165	\$22,290	\$23,273	\$23,626	\$24,136	\$24,866	\$25,275	19.2%
5411	Legal svcs.	\$4,872	\$4,940	\$4,791	\$4,903	\$4,749	\$4,787	\$4,607	\$4,278	\$4,219	\$4,008	-17.7%
5415	Computer systems design & related svcs.	\$2,851	\$2,749	\$2,976	\$2,987	\$3,200	\$3,568	\$3,883	\$4,326	\$4,999	\$5,287	85.4%
5412-4, 6-9	Other professional, scientific & technical svcs.	\$13,483	\$14,270	\$13,974	\$14,268	\$14,310	\$14,897	\$15,136	\$15,565	\$15,764	\$16,171	19.9%
55	Management of companies & enterprises	\$9,683	\$9,730	\$10,390	\$12,134	\$12,440	\$12,226	\$12,321	\$12,502	\$11,811	\$12,283	26.9%
56	Administrative & waste svcs.	\$11,428	\$11,385	\$11,094	\$11,124	\$12,122	\$12,326	\$13,117	\$13,133	\$13,670	\$13,772	20.5%
561	Administrative & support svcs.	\$10,126	\$10,087	\$9,762	\$9,797	\$10,594	\$10,826	\$11,581	\$11,787	\$12,302	\$12,433	22.8%
562	Waste management & remediation svcs.	\$1,310	\$1,307	\$1,344	\$1,336	\$1,532	\$1,503	\$1,536	\$1,347	\$1,368	\$1,338	2.1%
61	Educational svcs.	\$3,475	\$3,585	\$3,474	\$3,542	\$3,559	\$3,648	\$3,559	\$3,656	\$3,620	\$3,683	6.0%
62	Health care & social assistance	\$29,659	\$30,647	\$31,642	\$32,464	\$33,585	\$34,572	\$35,135	\$36,190	\$36,094	\$36,870	24.3%
621	Ambulatory health care svcs.	\$12,515	\$13,420	\$13,679	\$14,224	\$14,780	\$15,252	\$15,764	\$16,410	\$16,294	\$16,689	33.4%
622-3	Hospitals & nursing & residential care facilities	\$15,527	\$15,523	\$15,986	\$16,158	\$16,642	\$17,096	\$17,037	\$17,353	\$17,280	\$17,561	13.1%
624	Social assistance	\$1,862	\$1,885	\$2,130	\$2,171	\$2,221	\$2,247	\$2,333	\$2,393	\$2,496	\$2,586	38.9%
71	Arts, entertainment & recreation	\$3,554	\$3,298	\$3,168	\$3,177	\$3,114	\$3,082	\$3,041	\$3,101	\$3,093	\$3,128	-12.0%
711-2	Performing arts, museums & related activities	\$1,831	\$1,542	\$1,687	\$1,711	\$1,700	\$1,605	\$1,569	\$1,600	\$1,677	\$1,634	-10.8%
713	Amusements, gambling & recreation	\$1,710	\$1,728	\$1,475	\$1,462	\$1,412	\$1,474	\$1,472	\$1,503	\$1,415	\$1,497	-12.5%
72	Accommodation & food svcs.	\$9,864	\$10,189	\$10,086	\$10,180	\$10,497	\$10,776	\$10,704	\$10,557	\$10,810	\$10,437	5.8%
721	Accommodation	\$1,615	\$1,604	\$1,555	\$1,612	\$1,601	\$1,650	\$1,634	\$1,577	\$1,631	\$1,628	0.8%
722	Food services & drinking places	\$8,295	\$8,633	\$8,596	\$8,574	\$8,887	\$9,109	\$9,070	\$8,978	\$9,186	\$8,779	5.8%
81	Other svcs., except government	\$12,918	\$12,872	\$11,754	\$11,982	\$11,613	\$11,586	\$11,200	\$10,787	\$10,913	\$10,669	-17.4%
92	Government	\$48,084	\$49,014	\$49,241	\$49,923	\$49,711	\$49,013	\$48,489	\$47,292	\$47,200	\$47,515	-1.2%
92a & b	Federal government	\$9,857	\$10,096	\$9,813	\$9,980	\$10,067	\$9,890	\$9,668	\$9,423	\$9,345	\$9,426	-4.4%
92a	Civilian ³	\$8,102	\$8,322	\$8,024	\$7,980	\$7,841	\$7,637	\$7,432	\$7,373	\$7,407	\$7,390	-8.8%
92b	Military	\$1,755	\$1,774	\$1,789	\$2,000	\$2,226	\$2,253	\$2,236	\$2,050	\$1,938	\$2,036	16.0%
92c	State & local	\$38,375	\$38,935	\$39,412	\$40,012	\$39,709	\$39,139	\$38,821	\$37,971	\$37,987	\$38,174	-0.5%

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

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

Source: U.S. Bureau Economic Analysis (2010).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 11/10).

Table A6: Percentage Distribution of Ohio's Gross Domestic Product by Industry, 1999-2008 (based on chained 2005 dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product										Difference 1999-2008	
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008*		
11-92	All Industries*	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	0.00%
11-81	Private industries	88.47%	88.57%	88.31%	88.38%	88.54%	88.92%	89.10%	89.25%	89.37%	89.22%	89.22%	0.75%
11	Agriculture, forestry, fishing & hunting	0.39%	0.50%	0.46%	0.45%	0.48%	0.56%	0.53%	0.57%	0.54%	0.59%	0.59%	0.20%
111-2	Crop & animal production (farms)	0.34%	0.46%	0.40%	0.39%	0.42%	0.49%	0.47%	0.51%	0.46%	0.51%	0.51%	0.17%
113-5	Forestry, fishing & related activities	0.05%	0.05%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.01%
21	Mining	0.91%	0.68%	0.79%	0.77%	0.58%	0.55%	0.40%	0.39%	0.35%	0.33%	0.33%	-0.58%
211	Oil & gas extraction	0.34%	0.19%	0.23%	0.40%	0.25%	0.22%	0.16%	0.17%	0.14%	0.12%	0.12%	-0.22%
212	Mining, except oil & gas	0.32%	0.36%	0.39%	0.25%	0.25%	0.22%	0.18%	0.16%	0.14%	0.14%	0.14%	-0.18%
213	Support activities for mining	0.03%	0.04%	0.05%	0.04%	0.05%	0.08%	0.06%	0.05%	0.05%	0.07%	0.07%	0.04%
22	Utilities	2.21%	2.10%	1.83%	1.78%	1.73%	1.65%	1.54%	1.52%	1.74%	1.81%	1.81%	-0.40%
23	Construction	5.68%	5.52%	5.15%	4.76%	4.56%	4.32%	3.92%	3.61%	3.33%	3.21%	3.21%	-2.47%
31-33	Manufacturing	19.93%	19.64%	18.11%	18.59%	18.27%	19.12%	19.15%	19.17%	19.22%	18.02%	18.02%	-1.91%
32p & 33	Durable goods	11.52%	12.22%	11.27%	11.52%	11.49%	12.35%	12.84%	12.93%	12.94%	12.94%	12.94%	1.42%
321	Wood products	0.27%	0.28%	0.27%	0.28%	0.21%	0.25%	0.23%	0.23%	0.26%	0.28%	0.28%	0.01%
327	Nonmetallic mineral products	0.85%	0.80%	0.73%	0.75%	0.72%	0.64%	0.57%	0.48%	0.49%	0.49%	0.49%	-0.36%
331	Primary metals	2.22%	2.03%	1.69%	1.53%	1.34%	1.45%	1.51%	1.15%	1.13%	1.00%	1.00%	-1.22%
332	Fabricated metal products	2.58%	2.60%	2.22%	2.15%	2.25%	2.32%	2.28%	2.44%	2.41%	2.58%	2.58%	0.00%
333	Machinery	1.68%	1.57%	1.45%	1.28%	1.29%	1.42%	1.55%	1.51%	1.54%	1.53%	1.53%	-0.15%
334	Computer & electronic products	0.22%	0.32%	0.30%	0.28%	0.30%	0.44%	0.65%	0.73%	0.78%	1.03%	1.03%	0.80%
335	Electrical equipment & appliances	0.88%	0.92%	0.83%	0.85%	1.03%	0.88%	0.89%	0.82%	0.77%	0.83%	0.83%	-0.05%
336	Transportation equipment	3.98%	4.17%	3.70%	4.05%	3.87%	4.24%	4.34%	4.60%	4.32%	3.92%	3.92%	-0.06%
3361-3	Motor vehicles, bodies, trailers & parts	3.04%	3.11%	2.70%	3.19%	3.04%	3.41%	3.48%	3.73%	3.35%	3.04%	3.04%	0.00%
3364-9	Other transportation equipment	0.93%	1.06%	1.00%	0.86%	0.83%	0.82%	0.86%	0.87%	0.97%	0.88%	0.88%	-0.06%
337	Furniture & related products	0.38%	0.36%	0.34%	0.35%	0.34%	0.34%	0.37%	0.36%	0.34%	0.27%	0.27%	-0.11%
339	Miscellaneous mfg.	0.46%	0.47%	0.45%	0.48%	0.43%	0.48%	0.46%	0.49%	0.47%	0.47%	0.47%	0.01%
31 & 32p	Nondurable goods ¹	7.17%	6.59%	6.59%	6.94%	6.74%	6.80%	6.31%	6.43%	6.70%	5.75%	5.75%	-1.42%
311-2	Food products	1.82%	1.64%	1.85%	1.84%	1.72%	1.63%	1.57%	1.84%	1.96%	1.74%	1.74%	-0.08%
313-4	Textile & textile product mills	0.11%	0.11%	0.11%	0.10%	0.08%	0.10%	0.09%	0.08%	0.10%	0.08%	0.08%	-0.03%
315	Apparel	0.03%	0.03%	0.04%	0.04%	0.05%	0.05%	0.05%	0.05%	0.06%	0.06%	0.06%	0.03%
322	Paper	0.63%	0.54%	0.51%	0.52%	0.47%	0.52%	0.50%	0.52%	0.51%	0.45%	0.45%	-0.18%
323	Printing & related support activities	0.44%	0.42%	0.42%	0.45%	0.47%	0.47%	0.47%	0.44%	0.42%	0.39%	0.39%	-0.04%
324	Petroleum & coal products	0.42%	0.67%	0.68%	0.60%	0.65%	0.77%	0.83%	0.82%	0.57%	0.44%	0.44%	0.01%
325	Chemical	1.84%	1.56%	1.63%	1.84%	1.84%	1.88%	1.57%	1.65%	2.00%	1.65%	1.65%	-0.18%
326	Plastics & rubber products	1.46%	1.36%	1.15%	1.25%	1.24%	1.25%	1.23%	1.06%	1.20%	1.02%	1.02%	-0.44%
42	Wholesale trade	5.22%	5.18%	5.57%	5.47%	5.71%	5.90%	5.91%	6.14%	6.13%	6.14%	6.14%	0.92%
44-45	Retail trade	7.17%	7.21%	7.46%	7.49%	7.61%	7.28%	7.19%	6.94%	6.96%	6.63%	6.63%	-0.55%
48-49p	Transportation & warehousing ²	2.61%	2.73%	2.63%	2.58%	2.72%	2.90%	3.18%	3.36%	3.39%	3.37%	3.37%	0.76%
481	Air transportation	0.17%	0.18%	0.14%	0.19%	0.26%	0.29%	0.32%	0.33%	0.33%	0.35%	0.35%	0.18%
482	Rail transportation	0.25%	0.25%	0.24%	0.22%	0.23%	0.23%	0.23%	0.23%	0.22%	0.20%	0.20%	-0.05%
483	Water transportation	0.04%	0.05%	0.04%	0.03%	0.03%	0.02%	0.03%	0.04%	0.04%	0.04%	0.04%	0.00%
484	Truck transportation	1.21%	1.17%	1.18%	1.15%	1.17%	1.24%	1.33%	1.39%	1.44%	1.44%	1.44%	0.22%
485	Transit & ground passenger transportation	0.08%	0.07%	0.08%	0.08%	0.08%	0.08%	0.07%	0.08%	0.08%	0.08%	0.08%	0.00%
486	Pipeline transportation	0.02%	0.02%	0.02%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.03%	0.01%
487-8, 492	Other transportation & support activities	0.68%	0.78%	0.73%	0.67%	0.67%	0.70%	0.76%	0.81%	0.76%	0.76%	0.76%	0.07%
493	Warehousing & storage	0.26%	0.28%	0.27%	0.27%	0.29%	0.34%	0.41%	0.47%	0.50%	0.48%	0.48%	0.22%
51	Information	2.37%	2.15%	2.34%	2.60%	2.67%	2.87%	3.03%	2.89%	3.03%	3.03%	3.03%	0.72%
511	Publishing including software	0.87%	0.60%	0.65%	0.83%	0.90%	1.04%	1.08%	0.90%	0.94%	0.96%	0.96%	0.08%
512	Motion picture & sound recording industries	0.10%	0.08%	0.08%	0.08%	0.08%	0.07%	0.07%	0.07%	0.07%	0.07%	0.07%	-0.04%
513	Broadcasting & telecommunications	1.22%	1.31%	1.37%	1.37%	1.35%	1.42%	1.57%	1.59%	1.79%	1.82%	1.82%	0.60%
514	Information & data processing svcs.	0.17%	0.12%	0.21%	0.31%	0.33%	0.34%	0.31%	0.33%	0.23%	0.25%	0.25%	0.09%

Table A6: Percentage Distribution of Ohio's Gross Domestic Product by Industry, 1999-2008 (based on chained 2005 dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product										Difference 1999-2008
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008*	
52	Finance & insurance	6.61%	7.41%	7.75%	7.94%	8.11%	8.01%	8.49%	8.46%	8.34%	8.95%	2.34%
521-2	Federal Reserve, credit intermediation, etc.	3.47%	3.58%	3.97%	4.55%	4.72%	4.50%	4.89%	4.73%	4.42%	4.34%	0.87%
523	Securities, commodity contracts, investments	0.33%	0.40%	0.63%	0.56%	0.50%	0.45%	0.51%	0.54%	0.45%	0.39%	0.06%
524	Insurance carriers & related activities	3.12%	3.64%	3.18%	2.75%	2.78%	2.98%	3.04%	3.13%	3.46%	4.27%	1.15%
525	Funds, trusts & other financial vehicles	0.09%	0.08%	0.05%	0.05%	0.05%	0.05%	0.05%	0.07%	0.09%	0.12%	0.03%
53	Real estate, rental & leasing	11.03%	11.29%	11.91%	11.44%	11.13%	10.64%	10.39%	10.30%	10.50%	10.63%	-0.40%
531	Real estate	9.82%	9.99%	10.53%	10.10%	9.99%	9.58%	9.34%	9.10%	9.28%	9.45%	-0.37%
532-3	Rental & leasing svcs., leasing intangible assets	1.22%	1.31%	1.38%	1.35%	1.15%	1.06%	1.06%	1.21%	1.23%	1.18%	-0.04%
54	Professional & technical svcs.	5.07%	5.11%	5.18%	5.16%	5.14%	5.26%	5.31%	5.48%	5.59%	5.72%	0.65%
5411	Legal svcs.	1.17%	1.15%	1.14%	1.14%	1.09%	1.08%	1.04%	0.97%	0.95%	0.91%	-0.26%
5415	Computer systems design & related svcs.	0.68%	0.64%	0.71%	0.70%	0.74%	0.81%	0.87%	0.98%	1.12%	1.20%	0.51%
5412-4, 6-9	Other professional, scientific & technical svcs.	3.22%	3.33%	3.32%	3.32%	3.30%	3.37%	3.40%	3.53%	3.54%	3.66%	0.44%
55	Management of companies & enterprises	2.32%	2.27%	2.47%	2.82%	2.87%	2.76%	2.77%	2.84%	2.65%	2.78%	0.46%
56	Administrative & waste svcs.	2.73%	2.65%	2.64%	2.59%	2.79%	2.79%	2.95%	2.98%	3.07%	3.12%	0.38%
561	Administrative & support svcs.	2.42%	2.35%	2.32%	2.28%	2.44%	2.45%	2.60%	2.67%	2.76%	2.81%	0.39%
562	Waste management & remediation svcs.	0.31%	0.30%	0.32%	0.31%	0.35%	0.34%	0.35%	0.31%	0.31%	0.30%	-0.01%
61	Educational svcs.	0.83%	0.84%	0.83%	0.82%	0.82%	0.82%	0.80%	0.83%	0.81%	0.83%	0.00%
62	Health care & social assistance	7.09%	7.14%	7.53%	7.55%	7.74%	7.82%	7.90%	8.21%	8.11%	8.35%	1.25%
621	Ambulatory health care svcs.	2.99%	3.13%	3.25%	3.31%	3.41%	3.45%	3.54%	3.72%	3.66%	3.78%	0.78%
622-3	Hospitals & nursing & residential care facilities	3.71%	3.62%	3.80%	3.76%	3.83%	3.87%	3.83%	3.94%	3.88%	3.98%	0.26%
624	Social assistance	0.45%	0.44%	0.51%	0.51%	0.51%	0.51%	0.52%	0.54%	0.56%	0.59%	0.14%
71	Arts, entertainment & recreation	0.85%	0.77%	0.75%	0.74%	0.72%	0.70%	0.68%	0.70%	0.70%	0.71%	-0.14%
711-2	Performing arts, museums & related activities	0.44%	0.36%	0.40%	0.40%	0.39%	0.36%	0.35%	0.36%	0.38%	0.37%	-0.07%
713	Amusements, gambling & recreation	0.41%	0.40%	0.35%	0.34%	0.33%	0.33%	0.33%	0.34%	0.32%	0.34%	-0.07%
72	Accommodation & food svcs.	2.36%	2.37%	2.40%	2.37%	2.42%	2.44%	2.41%	2.40%	2.43%	2.36%	0.00%
721	Accommodation	0.39%	0.37%	0.37%	0.38%	0.37%	0.37%	0.37%	0.36%	0.37%	0.37%	-0.02%
722	Food services & drinking places	1.98%	2.01%	2.04%	2.00%	2.05%	2.06%	2.04%	2.04%	2.06%	1.99%	0.00%
81	Other svcs., except government	3.09%	3.00%	2.80%	2.79%	2.68%	2.62%	2.52%	2.45%	2.45%	2.42%	-0.67%
92	Government	11.50%	11.42%	11.71%	11.62%	11.45%	11.08%	10.90%	10.73%	10.61%	10.76%	-0.74%
92a & b	Federal government	2.36%	2.35%	2.33%	2.32%	2.32%	2.24%	2.17%	2.14%	2.10%	2.13%	-0.22%
92a	Civilian ³	1.94%	1.94%	1.91%	1.86%	1.81%	1.73%	1.67%	1.67%	1.66%	1.67%	-0.26%
92b	Military	0.42%	0.41%	0.43%	0.47%	0.51%	0.51%	0.50%	0.47%	0.44%	0.46%	0.04%
92c	State & local	9.18%	9.07%	9.38%	9.31%	9.15%	8.85%	8.73%	8.62%	8.54%	8.64%	-0.54%

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

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

Source: U.S. Bureau Economic Analysis (2010).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 11/10).

Table A7: U.S. Gross Domestic Product by Industry, 1999-2008 (in millions of current dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008*
11-92	All Industries*	\$9,286,860	\$9,884,170	\$10,218,000	\$10,572,400	\$11,067,800	\$11,788,900	\$12,554,500	\$13,310,900	\$13,985,400	\$14,344,000
11-81	Private industries	\$8,199,570	\$8,736,090	\$9,010,770	\$9,289,350	\$9,706,820	\$10,360,100	\$11,052,500	\$11,731,100	\$12,315,200	\$12,588,000
11	Agriculture, forestry, fishing & hunting	\$92,829	\$95,590	\$98,554	\$94,405	\$115,556	\$142,729	\$127,075	\$122,488	\$146,967	\$163,191
111-2	Crop & animal production (farms)	\$71,189	\$73,617	\$76,214	\$72,304	\$92,412	\$118,254	\$102,018	\$93,050	\$116,157	\$132,076
113-5	Forestry, fishing & related activities	\$21,640	\$21,973	\$22,340	\$22,101	\$23,144	\$24,475	\$25,057	\$29,438	\$30,810	\$31,115
21	Mining	\$82,027	\$108,889	\$119,296	\$109,462	\$134,761	\$159,309	\$192,043	\$228,996	\$242,138	\$307,186
211	Oil & gas extraction	\$42,664	\$67,451	\$72,914	\$66,598	\$89,248	\$106,609	\$128,622	\$147,777	\$150,590	\$203,751
212	Mining, except oil & gas	\$28,529	\$27,756	\$27,567	\$27,552	\$27,988	\$31,049	\$36,250	\$40,715	\$43,809	\$48,784
213	Support activities for mining	\$10,833	\$13,682	\$18,815	\$15,312	\$17,525	\$21,652	\$27,170	\$40,504	\$47,740	\$54,650
22	Utilities	\$172,743	\$173,909	\$177,579	\$180,973	\$191,852	\$208,001	\$205,669	\$236,166	\$247,006	\$255,205
23	Construction	\$428,385	\$467,308	\$490,525	\$494,328	\$515,929	\$554,433	\$611,652	\$651,096	\$661,206	\$639,322
31-33	Manufacturing	\$1,368,060	\$1,415,650	\$1,343,930	\$1,355,540	\$1,374,010	\$1,482,690	\$1,568,040	\$1,651,490	\$1,708,590	\$1,669,640
32p & 33	Durable goods	\$802,446	\$839,100	\$758,754	\$767,751	\$766,154	\$822,039	\$877,646	\$923,114	\$947,030	\$923,389
321	Wood products	\$29,962	\$28,323	\$27,541	\$27,277	\$28,277	\$31,699	\$33,009	\$30,160	\$28,482	\$26,768
327	Nonmetallic mineral products	\$43,535	\$41,880	\$40,714	\$41,446	\$40,479	\$42,658	\$45,340	\$45,416	\$45,567	\$40,511
331	Primary metals	\$45,991	\$46,282	\$39,551	\$41,352	\$37,811	\$52,151	\$53,679	\$59,741	\$59,958	\$58,509
332	Fabricated metal products	\$116,172	\$120,655	\$110,035	\$105,210	\$104,332	\$112,698	\$120,398	\$125,555	\$135,883	\$135,665
333	Machinery	\$110,829	\$110,486	\$103,119	\$95,897	\$92,849	\$100,436	\$109,501	\$116,551	\$122,915	\$123,983
334	Computer & electronic products	\$146,749	\$172,065	\$128,239	\$132,573	\$136,948	\$159,635	\$183,273	\$200,024	\$197,657	\$195,218
335	Electrical equipment & appliances	\$42,651	\$44,118	\$42,970	\$42,568	\$42,465	\$38,938	\$39,883	\$45,564	\$45,880	\$50,275
336	Transportation equipment	\$179,630	\$183,197	\$177,259	\$188,658	\$190,642	\$184,770	\$188,652	\$189,053	\$198,183	\$183,026
3361-3	Motor vehicles, bodies, trailers & parts	\$113,595	\$117,438	\$107,684	\$121,309	\$125,550	\$117,583	\$112,622	\$107,561	\$104,573	\$89,034
3364-9	Other transportation equipment	\$66,035	\$65,759	\$69,575	\$67,349	\$65,092	\$67,187	\$76,030	\$81,492	\$93,610	\$93,992
337	Furniture & related products	\$32,613	\$33,771	\$31,744	\$31,280	\$30,334	\$31,132	\$34,305	\$36,559	\$33,328	\$30,195
339	Miscellaneous mfg.	\$54,315	\$58,324	\$57,583	\$61,489	\$62,016	\$67,921	\$69,606	\$74,492	\$79,177	\$79,240
31 & 32p	Nondurable goods ¹	\$565,616	\$576,550	\$585,176	\$587,786	\$607,858	\$660,650	\$690,391	\$728,372	\$761,555	\$746,248
311-2	Food products	\$163,095	\$164,784	\$173,463	\$176,942	\$174,005	\$168,938	\$172,106	\$181,408	\$184,800	\$189,523
313-4	Textile & textile product mills	\$28,308	\$27,860	\$25,282	\$24,094	\$19,410	\$26,761	\$23,469	\$21,160	\$21,592	\$16,882
315	Apparel	\$21,906	\$21,432	\$18,953	\$18,269	\$16,414	\$16,432	\$16,025	\$15,539	\$14,999	\$14,227
322	Paper	\$59,235	\$61,742	\$53,722	\$53,531	\$49,844	\$54,190	\$53,814	\$59,303	\$58,940	\$59,725
323	Printing & related support activities	\$40,004	\$40,310	\$38,890	\$37,437	\$36,753	\$36,951	\$37,487	\$37,939	\$38,673	\$37,141
324	Petroleum & coal products	\$35,004	\$43,635	\$59,698	\$44,927	\$77,499	\$106,271	\$139,270	\$139,964	\$146,412	\$149,247
325	Chemical	\$152,846	\$152,206	\$153,163	\$169,567	\$171,402	\$186,801	\$182,650	\$207,932	\$224,725	\$212,805
326	Plastics & rubber products	\$65,219	\$64,580	\$62,005	\$63,018	\$62,532	\$64,305	\$65,570	\$65,128	\$71,414	\$66,699
42	Wholesale trade	\$579,103	\$617,651	\$613,304	\$614,892	\$638,065	\$684,499	\$725,284	\$769,564	\$816,452	\$821,029
44-45	Retail trade	\$653,383	\$686,228	\$703,893	\$731,156	\$768,924	\$794,696	\$838,780	\$875,041	\$892,818	\$865,962
48-49p	Transportation & warehousing ²	\$287,099	\$301,390	\$302,591	\$302,405	\$319,754	\$347,033	\$369,667	\$395,480	\$407,705	\$405,370
481	Air transportation	\$54,324	\$53,139	\$45,195	\$46,796	\$53,231	\$56,082	\$55,672	\$59,702	\$61,292	\$57,309
482	Rail transportation	\$21,816	\$22,840	\$22,576	\$21,740	\$23,121	\$24,349	\$26,965	\$30,619	\$31,757	\$32,105
483	Water transportation	\$6,753	\$8,112	\$8,233	\$7,409	\$8,336	\$8,706	\$9,283	\$12,353	\$13,760	\$14,118
484	Truck transportation	\$93,351	\$97,029	\$97,801	\$97,196	\$101,997	\$110,214	\$118,913	\$125,322	\$126,805	\$125,592
485	Transit & ground passenger transportation	\$17,209	\$17,806	\$18,447	\$19,198	\$19,641	\$20,894	\$21,237	\$22,583	\$23,177	\$23,153
486	Pipeline transportation	\$8,886	\$9,124	\$14,700	\$10,340	\$10,227	\$11,461	\$10,367	\$11,288	\$13,755	\$13,685
487-8, 492	Other transportation & support activities	\$61,390	\$67,526	\$70,335	\$73,383	\$75,986	\$83,889	\$91,936	\$96,408	\$96,833	\$98,728
493	Warehousing & storage	\$23,369	\$25,814	\$25,303	\$26,343	\$27,214	\$31,438	\$35,296	\$37,205	\$40,325	\$40,678
51	Information	\$438,549	\$417,829	\$451,078	\$499,693	\$508,606	\$564,125	\$592,563	\$593,274	\$622,793	\$622,502
511	Publishing including software	\$128,013	\$100,235	\$100,072	\$121,772	\$127,979	\$140,834	\$151,201	\$133,894	\$146,093	\$145,510
512	Motion picture & sound recording industries	\$47,091	\$36,895	\$47,504	\$51,613	\$48,164	\$56,278	\$56,339	\$59,631	\$62,205	\$61,099
513	Broadcasting & telecommunications	\$233,918	\$256,823	\$267,286	\$267,916	\$268,631	\$288,979	\$311,432	\$317,613	\$345,796	\$344,634
514	Information & data processing svcs.	\$29,527	\$23,877	\$36,215	\$58,393	\$63,831	\$78,034	\$73,591	\$82,137	\$68,698	\$71,258

Table A7: U.S. Gross Domestic Product by Industry, 1999-2008 (in millions of current dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008*
52	Finance & insurance	\$681,747	\$762,012	\$838,678	\$863,537	\$903,149	\$929,246	\$1,028,520	\$1,105,550	\$1,121,680	\$1,199,960
521-2	Federal Reserve, credit intermediation, etc.	\$313,951	\$338,001	\$376,573	\$436,009	\$461,626	\$433,262	\$470,686	\$483,515	\$483,040	\$486,280
523	Securities, commodity contracts, investments	\$115,968	\$126,024	\$178,174	\$153,512	\$139,840	\$143,974	\$182,989	\$214,507	\$201,105	\$196,069
524	Insurance carriers & related activities	\$229,910	\$274,157	\$260,391	\$248,565	\$272,985	\$319,575	\$337,524	\$367,354	\$392,480	\$463,986
525	Funds, trusts & other financial vehicles	\$21,918	\$23,830	\$23,540	\$25,451	\$28,697	\$32,436	\$37,316	\$40,173	\$45,058	\$53,628
53	Real estate, rental & leasing	\$1,152,260	\$1,235,680	\$1,316,110	\$1,358,740	\$1,412,990	\$1,480,420	\$1,577,940	\$1,672,070	\$1,784,230	\$1,842,490
531	Real estate	\$1,022,090	\$1,098,020	\$1,163,930	\$1,210,900	\$1,267,750	\$1,337,590	\$1,424,880	\$1,488,630	\$1,585,520	\$1,646,990
532-3	Rental & leasing svcs., leasing intangible assets	\$130,164	\$137,655	\$152,188	\$147,841	\$145,242	\$142,831	\$153,060	\$183,447	\$198,706	\$195,507
54	Professional & technical svcs.	\$606,984	\$662,412	\$701,126	\$718,942	\$745,479	\$810,498	\$875,641	\$952,161	\$1,023,830	\$1,070,570
5411	Legal svcs.	\$127,955	\$138,527	\$147,957	\$153,874	\$163,531	\$180,701	\$194,498	\$201,858	\$211,370	\$209,579
5415	Computer systems design & related svcs.	\$101,337	\$113,691	\$116,245	\$109,835	\$109,653	\$117,740	\$129,320	\$144,278	\$160,205	\$169,652
5412-4, 6-9	Other professional, scientific & technical svcs.	\$377,692	\$410,194	\$436,924	\$455,234	\$472,295	\$512,056	\$551,823	\$606,024	\$652,259	\$691,344
55	Management of companies & enterprises	\$148,091	\$171,086	\$174,551	\$178,324	\$192,219	\$203,093	\$217,681	\$234,251	\$255,021	\$260,634
56	Administrative & waste svcs.	\$255,096	\$283,268	\$294,995	\$301,044	\$321,676	\$333,229	\$368,495	\$385,019	\$418,122	\$416,683
561	Administrative & support svcs.	\$229,966	\$257,007	\$266,163	\$270,403	\$287,870	\$298,975	\$331,251	\$350,384	\$378,093	\$375,881
562	Waste management & remediation svcs.	\$25,130	\$26,261	\$28,831	\$30,641	\$33,806	\$34,254	\$37,244	\$34,635	\$40,029	\$40,803
61	Educational svcs.	\$79,455	\$85,852	\$88,692	\$98,855	\$106,063	\$115,996	\$120,070	\$128,661	\$137,102	\$145,887
62	Health care & social assistance	\$559,018	\$592,144	\$640,500	\$690,943	\$741,200	\$790,375	\$833,337	\$886,516	\$939,493	\$991,454
621	Ambulatory health care svcs.	\$271,842	\$287,999	\$313,504	\$335,271	\$357,840	\$381,365	\$406,077	\$432,339	\$458,060	\$485,922
622-3	Hospitals & nursing & residential care facilities	\$240,013	\$252,595	\$272,008	\$296,068	\$318,996	\$341,188	\$354,447	\$377,740	\$399,471	\$419,246
624	Social assistance	\$47,164	\$51,550	\$54,989	\$59,605	\$64,363	\$67,822	\$72,813	\$76,436	\$81,962	\$86,286
71	Arts, entertainment & recreation	\$90,965	\$98,566	\$94,816	\$102,140	\$105,752	\$113,289	\$117,274	\$126,570	\$131,837	\$138,031
711-2	Performing arts, museums & related activities	\$43,380	\$48,310	\$49,826	\$55,338	\$59,005	\$62,235	\$63,802	\$68,144	\$73,483	\$74,886
713	Amusements, gambling & recreation	\$47,585	\$50,256	\$44,990	\$46,802	\$46,747	\$51,054	\$53,472	\$58,426	\$58,354	\$63,145
72	Accommodation & food svcs.	\$264,434	\$283,043	\$296,358	\$309,010	\$321,166	\$343,425	\$364,307	\$384,705	\$405,598	\$407,421
721	Accommodation	\$82,618	\$88,699	\$91,314	\$92,764	\$93,791	\$100,593	\$108,681	\$113,594	\$121,040	\$119,082
722	Food services & drinking places	\$181,816	\$194,344	\$205,044	\$216,246	\$227,376	\$242,831	\$255,626	\$271,111	\$284,558	\$288,339
81	Other svcs., except government	\$259,340	\$277,588	\$264,193	\$284,966	\$289,672	\$302,980	\$318,454	\$332,009	\$352,649	\$365,477
92	Government	\$1,087,290	\$1,148,080	\$1,207,250	\$1,283,040	\$1,360,940	\$1,428,840	\$1,502,060	\$1,579,830	\$1,670,210	\$1,755,930
92a & b	Federal government	\$294,882	\$311,088	\$316,936	\$346,656	\$372,911	\$399,571	\$417,965	\$438,526	\$459,871	\$480,991
92a	Civilian ³	\$206,005	\$217,565	\$218,101	\$235,853	\$247,661	\$264,134	\$271,046	\$283,598	\$295,478	\$304,336
92b	Military	\$88,877	\$93,523	\$98,835	\$110,803	\$125,250	\$135,437	\$146,919	\$154,928	\$164,393	\$176,655
92c	State & local	\$792,412	\$836,994	\$890,311	\$936,385	\$988,027	\$1,029,270	\$1,084,100	\$1,141,310	\$1,210,340	\$1,274,940

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

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

Source: U.S. Bureau Economic Analysis (2010).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 11/10).

Table A8: Percentage Distribution of U.S. Gross Domestic Product by Industry, 1999-2008 (based on current dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008*
11-92	All Industries*	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
11-81	Private industries	88.29%	88.38%	88.19%	87.86%	87.70%	87.88%	88.04%	88.13%	88.06%	87.76%
11	Agriculture, forestry, fishing & hunting	1.00%	0.97%	0.96%	0.89%	1.04%	1.21%	1.01%	0.92%	1.05%	1.14%
111-2	Crop & animal production (farms)	0.77%	0.74%	0.75%	0.68%	0.83%	1.00%	0.81%	0.70%	0.83%	0.92%
113-5	Forestry, fishing & related activities	0.23%	0.22%	0.22%	0.21%	0.21%	0.21%	0.20%	0.22%	0.22%	0.22%
21	Mining	0.88%	1.10%	1.17%	1.04%	1.22%	1.35%	1.53%	1.72%	1.73%	2.14%
211	Oil & gas extraction	0.46%	0.68%	0.71%	0.63%	0.81%	0.90%	1.02%	1.11%	1.08%	1.42%
212	Mining, except oil & gas	0.31%	0.28%	0.27%	0.26%	0.25%	0.26%	0.29%	0.31%	0.31%	0.34%
213	Support activities for mining	0.12%	0.14%	0.18%	0.14%	0.16%	0.18%	0.22%	0.30%	0.34%	0.38%
22	Utilities	1.86%	1.76%	1.74%	1.71%	1.73%	1.76%	1.64%	1.77%	1.77%	1.78%
23	Construction	4.61%	4.73%	4.80%	4.68%	4.66%	4.70%	4.87%	4.89%	4.73%	4.46%
31-33	Manufacturing	14.73%	14.32%	13.15%	12.82%	12.41%	12.58%	12.49%	12.41%	12.22%	11.64%
32p & 33	Durable goods	8.64%	8.49%	7.43%	7.26%	6.92%	6.97%	6.99%	6.94%	6.77%	6.44%
321	Wood products	0.32%	0.29%	0.27%	0.26%	0.26%	0.27%	0.26%	0.23%	0.20%	0.19%
327	Nonmetallic mineral products	0.47%	0.42%	0.40%	0.39%	0.37%	0.36%	0.36%	0.34%	0.33%	0.28%
331	Primary metals	0.50%	0.47%	0.39%	0.39%	0.34%	0.44%	0.43%	0.45%	0.43%	0.41%
332	Fabricated metal products	1.25%	1.22%	1.08%	1.00%	0.94%	0.96%	0.96%	0.94%	0.97%	0.95%
333	Machinery	1.19%	1.12%	1.01%	0.91%	0.84%	0.85%	0.87%	0.88%	0.88%	0.86%
334	Computer & electronic products	1.58%	1.74%	1.26%	1.25%	1.24%	1.35%	1.46%	1.50%	1.41%	1.36%
335	Electrical equipment & appliances	0.46%	0.45%	0.42%	0.40%	0.38%	0.33%	0.32%	0.34%	0.33%	0.35%
336	Transportation equipment	1.93%	1.85%	1.73%	1.78%	1.72%	1.57%	1.50%	1.42%	1.42%	1.28%
3361-3	Motor vehicles, bodies, trailers & parts	1.22%	1.19%	1.05%	1.15%	1.13%	1.00%	0.90%	0.81%	0.75%	0.62%
3364-9	Other transportation equipment	0.71%	0.67%	0.68%	0.64%	0.59%	0.57%	0.61%	0.61%	0.67%	0.66%
337	Furniture & related products	0.35%	0.34%	0.31%	0.30%	0.27%	0.26%	0.27%	0.27%	0.24%	0.21%
339	Miscellaneous mfg.	0.58%	0.59%	0.56%	0.58%	0.56%	0.58%	0.55%	0.56%	0.57%	0.55%
31 & 32p	Nondurable goods ¹	6.09%	5.83%	5.73%	5.56%	5.49%	5.60%	5.50%	5.47%	5.45%	5.20%
311-2	Food products	1.76%	1.67%	1.70%	1.67%	1.57%	1.43%	1.37%	1.36%	1.32%	1.32%
313-4	Textile & textile product mills	0.30%	0.28%	0.25%	0.23%	0.18%	0.23%	0.19%	0.16%	0.15%	0.12%
315	Apparel	0.24%	0.22%	0.19%	0.17%	0.15%	0.14%	0.13%	0.12%	0.11%	0.10%
322	Paper	0.64%	0.62%	0.53%	0.51%	0.45%	0.46%	0.43%	0.45%	0.42%	0.42%
323	Printing & related support activities	0.43%	0.41%	0.38%	0.35%	0.33%	0.31%	0.30%	0.29%	0.28%	0.26%
324	Petroleum & coal products	0.38%	0.44%	0.58%	0.42%	0.70%	0.90%	1.11%	1.05%	1.05%	1.04%
325	Chemical	1.65%	1.54%	1.50%	1.60%	1.55%	1.58%	1.45%	1.56%	1.61%	1.48%
326	Plastics & rubber products	0.70%	0.65%	0.61%	0.60%	0.56%	0.55%	0.52%	0.49%	0.51%	0.46%
42	Wholesale trade	6.24%	6.25%	6.00%	5.82%	5.77%	5.81%	5.78%	5.78%	5.84%	5.72%
44-45	Retail trade	7.04%	6.94%	6.89%	6.92%	6.95%	6.74%	6.68%	6.57%	6.38%	6.04%
48-49p	Transportation & warehousing ²	3.09%	3.05%	2.96%	2.86%	2.89%	2.94%	2.94%	2.97%	2.92%	2.83%
481	Air transportation	0.58%	0.54%	0.44%	0.44%	0.48%	0.48%	0.44%	0.45%	0.44%	0.40%
482	Rail transportation	0.23%	0.23%	0.22%	0.21%	0.21%	0.21%	0.21%	0.23%	0.23%	0.22%
483	Water transportation	0.07%	0.08%	0.08%	0.07%	0.08%	0.07%	0.07%	0.09%	0.10%	0.10%
484	Truck transportation	1.01%	0.98%	0.96%	0.92%	0.92%	0.93%	0.95%	0.94%	0.91%	0.88%
485	Transit & ground passenger transportation	0.19%	0.18%	0.18%	0.18%	0.18%	0.18%	0.17%	0.17%	0.17%	0.16%
486	Pipeline transportation	0.10%	0.09%	0.14%	0.10%	0.09%	0.10%	0.08%	0.08%	0.10%	0.10%
487-8, 492	Other transportation & support activities	0.66%	0.68%	0.69%	0.69%	0.69%	0.71%	0.73%	0.72%	0.69%	0.69%
493	Warehousing & storage	0.25%	0.26%	0.25%	0.25%	0.25%	0.27%	0.28%	0.28%	0.29%	0.28%
51	Information	4.72%	4.23%	4.41%	4.73%	4.60%	4.79%	4.72%	4.46%	4.45%	4.34%
511	Publishing including software	1.38%	1.01%	0.98%	1.15%	1.16%	1.19%	1.20%	1.01%	1.04%	1.01%
512	Motion picture & sound recording industries	0.51%	0.37%	0.46%	0.49%	0.44%	0.48%	0.45%	0.45%	0.44%	0.43%
513	Broadcasting & telecommunications	2.52%	2.60%	2.62%	2.53%	2.43%	2.45%	2.48%	2.39%	2.47%	2.40%
514	Information & data processing svcs.	0.32%	0.24%	0.35%	0.55%	0.58%	0.66%	0.59%	0.62%	0.49%	0.50%

Table A8: Percentage Distribution of U.S. Gross Domestic Product by Industry, 1999-2008 (based on current dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product									
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008*
52	Finance & insurance	7.34%	7.71%	8.21%	8.17%	8.16%	7.88%	8.19%	8.31%	8.02%	8.37%
521-2	Federal Reserve, credit intermediation, etc.	3.38%	3.42%	3.69%	4.12%	4.17%	3.68%	3.75%	3.63%	3.45%	3.39%
523	Securities, commodity contracts, investments	1.25%	1.28%	1.74%	1.45%	1.26%	1.22%	1.46%	1.61%	1.44%	1.37%
524	Insurance carriers & related activities	2.48%	2.77%	2.55%	2.35%	2.47%	2.71%	2.69%	2.76%	2.81%	3.23%
525	Funds, trusts & other financial vehicles	0.24%	0.24%	0.23%	0.24%	0.26%	0.28%	0.30%	0.30%	0.32%	0.37%
53	Real estate, rental & leasing	12.41%	12.50%	12.88%	12.85%	12.77%	12.56%	12.57%	12.56%	12.76%	12.85%
531	Real estate	11.01%	11.11%	11.39%	11.45%	11.45%	11.35%	11.35%	11.18%	11.34%	11.48%
532-3	Rental & leasing svcs., leasing intangible assets	1.40%	1.39%	1.49%	1.40%	1.31%	1.21%	1.22%	1.38%	1.42%	1.36%
54	Professional & technical svcs.	6.54%	6.70%	6.86%	6.80%	6.74%	6.88%	6.97%	7.15%	7.32%	7.46%
5411	Legal svcs.	1.38%	1.40%	1.45%	1.46%	1.48%	1.53%	1.55%	1.52%	1.51%	1.46%
5415	Computer systems design & related svcs.	1.09%	1.15%	1.14%	1.04%	0.99%	1.00%	1.03%	1.08%	1.15%	1.18%
5412-4, 6-9	Other professional, scientific & technical svcs.	4.07%	4.15%	4.28%	4.31%	4.27%	4.34%	4.40%	4.55%	4.66%	4.82%
55	Management of companies & enterprises	1.59%	1.73%	1.71%	1.69%	1.74%	1.72%	1.73%	1.76%	1.82%	1.82%
56	Administrative & waste svcs.	2.75%	2.87%	2.89%	2.85%	2.91%	2.83%	2.94%	2.89%	2.99%	2.90%
561	Administrative & support svcs.	2.48%	2.60%	2.60%	2.56%	2.60%	2.54%	2.64%	2.63%	2.70%	2.62%
562	Waste management & remediation svcs.	0.27%	0.27%	0.28%	0.29%	0.31%	0.29%	0.30%	0.26%	0.29%	0.28%
61	Educational svcs.	0.86%	0.87%	0.87%	0.94%	0.96%	0.98%	0.96%	0.97%	0.98%	1.02%
62	Health care & social assistance	6.02%	5.99%	6.27%	6.54%	6.70%	6.70%	6.64%	6.66%	6.72%	6.91%
621	Ambulatory health care svcs.	2.93%	2.91%	3.07%	3.17%	3.23%	3.23%	3.23%	3.25%	3.28%	3.39%
622-3	Hospitals & nursing & residential care facilities	2.58%	2.56%	2.66%	2.80%	2.88%	2.89%	2.82%	2.84%	2.86%	2.92%
624	Social assistance	0.51%	0.52%	0.54%	0.56%	0.58%	0.58%	0.58%	0.57%	0.59%	0.60%
71	Arts, entertainment & recreation	0.98%	1.00%	0.93%	0.97%	0.96%	0.96%	0.93%	0.95%	0.94%	0.96%
711-2	Performing arts, museums & related activities	0.47%	0.49%	0.49%	0.52%	0.53%	0.53%	0.51%	0.51%	0.53%	0.52%
713	Amusements, gambling & recreation	0.51%	0.51%	0.44%	0.44%	0.42%	0.43%	0.43%	0.44%	0.42%	0.44%
72	Accommodation & food svcs.	2.85%	2.86%	2.90%	2.92%	2.90%	2.91%	2.90%	2.89%	2.90%	2.84%
721	Accommodation	0.89%	0.90%	0.89%	0.88%	0.85%	0.85%	0.87%	0.85%	0.87%	0.83%
722	Food services & drinking places	1.96%	1.97%	2.01%	2.05%	2.05%	2.06%	2.04%	2.04%	2.03%	2.01%
81	Other svcs., except government	2.79%	2.81%	2.59%	2.70%	2.62%	2.57%	2.54%	2.49%	2.52%	2.55%
92	Government	11.71%	11.62%	11.81%	12.14%	12.30%	12.12%	11.96%	11.87%	11.94%	12.24%
92a & b	Federal government	3.18%	3.15%	3.10%	3.28%	3.37%	3.39%	3.33%	3.29%	3.29%	3.35%
92a	Civilian ³	2.22%	2.20%	2.13%	2.23%	2.24%	2.24%	2.16%	2.13%	2.11%	2.12%
92b	Military	0.96%	0.95%	0.97%	1.05%	1.13%	1.15%	1.17%	1.16%	1.18%	1.23%
92c	State & local	8.53%	8.47%	8.71%	8.86%	8.93%	8.73%	8.64%	8.57%	8.65%	8.89%

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

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

Source: U.S. Bureau Economic Analysis (2010).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 11/10).

Table A9: U.S. Gross Domestic Product by Industry, 1999-2008 (in millions of chained 2005 dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product										Percent Change 1999-2008
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ^b	
11-92	All Industries*	\$10,767,500	\$11,223,100	\$11,364,200	\$11,560,300	\$11,807,800	\$12,212,600	\$12,554,500	\$12,895,900	\$13,162,800	\$13,181,900	22.4%
11-81	Private industries	\$9,354,950	\$9,785,670	\$9,911,300	\$10,079,100	\$10,315,700	\$10,713,900	\$11,052,500	\$11,385,500	\$11,633,400	\$11,619,600	24.2%
11	Agriculture, forestry, fishing & hunting	\$92,818	\$103,714	\$100,231	\$104,323	\$115,244	\$122,706	\$127,075	\$128,072	\$120,773	\$132,257	42.5%
111-2	Crop & animal production (farms)	\$72,759	\$83,536	\$77,731	\$81,172	\$91,551	\$97,915	\$102,018	\$99,131	\$91,557	\$103,413	42.1%
113-5	Forestry, fishing & related activities	\$20,102	\$20,541	\$22,550	\$23,211	\$23,789	\$24,843	\$25,057	\$28,790	\$29,089	\$28,172	40.1%
21	Mining	\$264,774	\$232,468	\$262,735	\$265,864	\$231,256	\$229,296	\$192,043	\$207,625	\$198,345	\$199,003	-24.8%
211	Oil & gas extraction	\$222,645	\$155,043	\$178,352	\$201,423	\$161,039	\$156,528	\$128,622	\$146,305	\$138,564	\$130,535	-41.4%
212	Mining, except oil & gas	\$45,674	\$45,363	\$44,488	\$42,575	\$41,267	\$39,112	\$36,250	\$35,168	\$33,313	\$31,694	-30.6%
213	Support activities for mining	\$19,351	\$29,162	\$38,959	\$27,812	\$29,230	\$34,248	\$27,170	\$26,752	\$26,524	\$34,531	78.4%
22	Utilities	\$215,492	\$222,938	\$193,184	\$200,438	\$207,607	\$215,790	\$205,669	\$207,081	\$214,290	\$221,214	2.7%
23	Construction	\$634,355	\$654,978	\$640,208	\$617,915	\$619,391	\$619,855	\$611,652	\$593,818	\$570,871	\$551,807	-13.0%
31-33	Manufacturing	\$1,312,720	\$1,396,510	\$1,332,120	\$1,365,340	\$1,404,830	\$1,517,860	\$1,568,040	\$1,636,590	\$1,709,810	\$1,647,420	25.5%
32p & 33	Durable goods	\$672,401	\$747,470	\$701,933	\$728,029	\$749,468	\$817,684	\$877,646	\$937,509	\$975,824	\$978,413	45.5%
321	Wood products	\$32,666	\$32,822	\$31,881	\$32,073	\$32,000	\$30,864	\$33,009	\$32,738	\$35,889	\$35,883	9.8%
327	Nonmetallic mineral products	\$46,258	\$44,672	\$43,895	\$43,605	\$43,898	\$45,746	\$45,340	\$40,121	\$40,505	\$37,714	-18.5%
331	Primary metals	\$63,915	\$62,167	\$57,194	\$60,121	\$56,348	\$60,228	\$53,679	\$46,535	\$44,029	\$40,414	-36.8%
332	Fabricated metal products	\$122,648	\$129,568	\$114,804	\$110,085	\$111,353	\$119,277	\$120,398	\$126,108	\$130,988	\$126,517	3.2%
333	Machinery	\$110,848	\$111,319	\$100,532	\$93,227	\$91,371	\$103,002	\$109,501	\$116,159	\$119,816	\$121,983	10.0%
334	Computer & electronic products	\$51,137	\$81,501	\$81,169	\$94,227	\$111,249	\$144,814	\$183,273	\$223,815	\$248,676	\$273,215	434.3%
335	Electrical equipment & appliances	\$40,390	\$42,599	\$40,362	\$40,539	\$41,862	\$39,566	\$39,883	\$44,883	\$42,901	\$46,194	14.4%
336	Transportation equipment	\$172,327	\$171,909	\$162,571	\$174,875	\$175,268	\$175,905	\$188,652	\$200,275	\$210,992	\$203,497	18.1%
3361-3	Motor vehicles, bodies, trailers & parts	\$89,978	\$93,497	\$84,391	\$100,516	\$106,120	\$106,475	\$112,622	\$120,963	\$120,635	\$112,649	25.2%
3364-9	Other transportation equipment	\$82,349	\$78,412	\$78,180	\$74,359	\$69,148	\$69,430	\$76,030	\$79,312	\$90,357	\$90,848	10.3%
337	Furniture & related products	\$34,566	\$35,096	\$31,774	\$30,806	\$30,097	\$32,475	\$34,305	\$36,107	\$31,808	\$28,611	-17.2%
339	Miscellaneous mfg.	\$55,685	\$60,243	\$57,794	\$60,610	\$60,995	\$67,936	\$69,606	\$74,211	\$77,489	\$77,989	40.1%
31 & 32p	Nondurable goods ¹	\$650,541	\$649,552	\$633,055	\$638,924	\$656,977	\$701,215	\$690,391	\$699,707	\$734,423	\$673,917	3.6%
311-2	Food products	\$176,980	\$175,677	\$177,622	\$171,841	\$175,425	\$162,370	\$172,106	\$193,070	\$205,078	\$189,548	7.1%
313-4	Textile & textile product mills	\$26,948	\$27,445	\$24,142	\$23,537	\$20,500	\$27,033	\$23,469	\$20,443	\$21,335	\$16,382	-39.2%
315	Apparel	\$19,423	\$19,563	\$17,670	\$17,114	\$15,614	\$16,029	\$16,025	\$15,670	\$15,151	\$14,684	-24.4%
322	Paper	\$62,205	\$58,300	\$50,386	\$51,077	\$49,820	\$55,358	\$53,814	\$54,829	\$53,125	\$50,681	-18.5%
323	Printing & related support activities	\$36,996	\$37,464	\$36,840	\$37,644	\$37,180	\$37,954	\$37,487	\$36,483	\$37,460	\$37,334	0.9%
324	Petroleum & coal products	\$69,724	\$74,135	\$84,948	\$80,517	\$112,190	\$144,068	\$139,270	\$120,904	\$120,938	\$123,377	77.0%
325	Chemical	\$169,477	\$169,936	\$164,571	\$178,711	\$177,301	\$193,132	\$182,650	\$201,561	\$218,310	\$183,518	8.3%
326	Plastics & rubber products	\$65,414	\$65,737	\$61,354	\$61,819	\$62,650	\$66,327	\$65,570	\$59,082	\$66,573	\$60,464	-7.6%
42	Wholesale trade	\$566,331	\$606,014	\$636,356	\$642,402	\$681,206	\$717,796	\$725,284	\$747,454	\$766,508	\$761,869	34.5%
44-45	Retail trade	\$723,262	\$751,393	\$774,855	\$800,435	\$818,550	\$818,841	\$838,780	\$854,155	\$867,699	\$822,572	13.7%
48-49p	Transportation & warehousing ²	\$298,298	\$318,248	\$306,778	\$302,587	\$317,852	\$346,768	\$369,667	\$386,148	\$397,714	\$387,958	30.1%
481	Air transportation	\$40,402	\$43,376	\$37,794	\$41,808	\$48,718	\$54,897	\$55,672	\$57,489	\$60,280	\$56,218	39.1%
482	Rail transportation	\$25,726	\$27,313	\$26,067	\$24,188	\$25,722	\$26,877	\$26,965	\$27,284	\$27,379	\$24,627	-4.3%
483	Water transportation	\$5,783	\$7,212	\$6,146	\$4,868	\$4,838	\$6,152	\$9,283	\$14,876	\$18,949	\$20,986	262.9%
484	Truck transportation	\$102,960	\$106,714	\$101,707	\$99,013	\$102,687	\$110,172	\$118,913	\$125,280	\$129,565	\$128,420	24.7%
485	Transit & ground passenger transportation	\$20,529	\$21,003	\$20,929	\$21,082	\$20,634	\$21,491	\$21,237	\$21,876	\$22,129	\$21,736	5.9%
486	Pipeline transportation	\$7,651	\$8,813	\$13,396	\$9,097	\$9,451	\$10,805	\$10,367	\$9,809	\$11,502	\$11,583	51.4%
487-8, 492	Other transportation & support activities	\$69,810	\$75,653	\$74,609	\$75,865	\$78,019	\$85,055	\$91,936	\$93,752	\$91,294	\$90,138	29.1%
493	Warehousing & storage	\$26,255	\$28,505	\$27,230	\$28,004	\$28,706	\$31,574	\$35,296	\$36,609	\$38,388	\$37,177	41.6%
51	Information	\$412,590	\$396,849	\$426,446	\$473,700	\$485,834	\$549,489	\$592,563	\$598,279	\$633,946	\$642,586	55.7%
511	Publishing including software	\$132,540	\$101,609	\$97,801	\$117,275	\$123,927	\$141,230	\$151,201	\$131,205	\$143,492	\$142,906	7.8%
512	Motion picture & sound recording industries	\$57,738	\$42,622	\$51,960	\$54,577	\$51,406	\$58,131	\$56,339	\$58,415	\$58,947	\$57,423	-0.5%
513	Broadcasting & telecommunications	\$199,927	\$227,274	\$241,266	\$246,343	\$249,042	\$273,528	\$311,432	\$326,410	\$357,861	\$365,574	82.9%
514	Information & data processing srvcs.	\$29,304	\$24,063	\$34,964	\$55,874	\$61,565	\$77,072	\$73,591	\$82,643	\$73,987	\$77,530	164.6%

Table A9: U.S. Gross Domestic Product by Industry, 1999-2008 (in millions of chained 2005 dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product										Percent Change 1999-2008
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008*	
52	Finance & insurance	\$755,328	\$841,074	\$937,251	\$935,428	\$947,901	\$947,824	\$1,028,520	\$1,097,120	\$1,081,790	\$1,116,580	47.8%
521-2	Federal Reserve, credit intermediation, etc.	\$361,754	\$370,580	\$408,647	\$452,517	\$467,444	\$434,123	\$470,686	\$486,128	\$472,759	\$456,329	26.1%
523	Securities, commodity contracts, investments	\$93,000	\$124,413	\$200,958	\$173,977	\$156,335	\$150,448	\$182,989	\$208,113	\$179,188	\$160,093	72.1%
524	Insurance carriers & related activities	\$293,989	\$338,630	\$311,540	\$284,974	\$295,546	\$330,975	\$337,524	\$361,269	\$383,812	\$450,425	53.2%
525	Funds, trusts & other financial vehicles	\$20,982	\$19,472	\$20,983	\$24,246	\$27,438	\$32,333	\$37,316	\$41,369	\$47,530	\$56,575	169.6%
53	Real estate, rental & leasing	\$1,369,590	\$1,421,690	\$1,462,170	\$1,458,980	\$1,482,080	\$1,517,770	\$1,577,940	\$1,619,410	\$1,693,210	\$1,704,250	24.4%
531	Real estate	\$1,213,870	\$1,266,360	\$1,291,610	\$1,293,460	\$1,324,990	\$1,370,650	\$1,424,880	\$1,440,010	\$1,502,320	\$1,523,950	25.5%
532-3	Rental & leasing svcs., leasing intangible assets	\$156,420	\$156,122	\$171,369	\$166,178	\$157,306	\$147,122	\$153,060	\$179,532	\$191,066	\$180,420	15.3%
54	Professional & technical svcs.	\$714,326	\$744,692	\$768,265	\$778,473	\$790,515	\$837,486	\$875,641	\$916,565	\$940,603	\$957,788	34.1%
5411	Legal svcs.	\$169,116	\$175,882	\$178,593	\$178,778	\$183,349	\$191,273	\$194,498	\$191,584	\$187,434	\$175,226	3.6%
5415	Computer systems design & related svcs.	\$94,214	\$101,804	\$103,324	\$100,252	\$103,930	\$116,172	\$129,320	\$143,310	\$159,472	\$168,440	78.8%
5412-4, 6-9	Other professional, scientific & technical svcs.	\$452,001	\$467,012	\$486,540	\$500,506	\$504,051	\$530,279	\$551,823	\$581,873	\$594,809	\$616,550	36.4%
55	Management of companies & enterprises	\$203,481	\$215,084	\$224,112	\$225,323	\$225,893	\$221,081	\$217,681	\$219,847	\$216,879	\$221,996	9.1%
56	Administrative & waste svcs.	\$293,212	\$311,529	\$310,737	\$309,125	\$331,715	\$335,086	\$368,495	\$374,587	\$394,494	\$395,124	34.8%
561	Administrative & support svcs.	\$262,362	\$280,299	\$278,344	\$276,221	\$296,500	\$300,264	\$331,251	\$340,691	\$356,293	\$357,343	36.2%
562	Waste management & remediation svcs.	\$30,850	\$31,104	\$32,367	\$32,920	\$35,231	\$34,828	\$37,244	\$33,887	\$38,218	\$37,803	22.5%
61	Educational svcs.	\$113,789	\$116,046	\$114,209	\$119,721	\$120,398	\$123,459	\$120,070	\$121,005	\$123,091	\$125,822	10.6%
62	Health care & social assistance	\$692,392	\$708,899	\$731,073	\$761,045	\$789,112	\$813,919	\$833,337	\$864,223	\$882,256	\$911,791	31.7%
621	Ambulatory health care svcs.	\$315,239	\$326,323	\$342,372	\$360,296	\$375,010	\$389,420	\$406,077	\$426,732	\$433,773	\$452,741	43.6%
622-3	Hospitals & nursing & residential care facilities	\$318,980	\$321,872	\$325,760	\$335,418	\$345,754	\$354,053	\$354,447	\$363,850	\$371,976	\$380,893	19.4%
624	Social assistance	\$59,685	\$61,734	\$63,378	\$65,511	\$68,461	\$70,502	\$72,813	\$73,712	\$76,544	\$78,288	31.2%
71	Arts, entertainment & recreation	\$111,284	\$114,976	\$106,903	\$112,177	\$111,966	\$116,678	\$117,274	\$122,962	\$123,917	\$127,050	14.2%
711-2	Performing arts, museums & related activities	\$56,066	\$59,132	\$58,397	\$62,776	\$64,136	\$65,179	\$63,802	\$65,709	\$68,010	\$67,556	20.5%
713	Amusements, gambling & recreation	\$54,661	\$55,399	\$48,407	\$49,412	\$47,934	\$51,530	\$53,472	\$57,263	\$55,870	\$59,545	8.9%
72	Accommodation & food svcs.	\$314,276	\$327,836	\$329,054	\$331,799	\$342,115	\$355,782	\$364,307	\$373,102	\$379,234	\$369,536	17.6%
721	Accommodation	\$95,870	\$100,387	\$98,353	\$99,234	\$100,283	\$105,030	\$108,681	\$110,289	\$112,859	\$109,567	14.3%
722	Food services & drinking places	\$218,317	\$227,344	\$230,689	\$232,553	\$241,819	\$250,746	\$255,626	\$262,811	\$266,373	\$259,965	19.1%
81	Other svcs., except government	\$341,305	\$346,571	\$310,354	\$320,132	\$314,949	\$317,309	\$318,454	\$318,802	\$325,919	\$324,990	-4.8%
92	Government	\$1,412,270	\$1,437,500	\$1,453,000	\$1,481,130	\$1,492,340	\$1,497,410	\$1,502,060	\$1,510,720	\$1,530,500	\$1,561,600	10.6%
92a & b	Federal government	\$408,440	\$412,406	\$408,315	\$417,220	\$421,762	\$422,254	\$417,965	\$417,597	\$418,025	\$429,455	5.1%
92a	Civilian ³	\$276,793	\$279,056	\$272,904	\$277,287	\$276,019	\$274,720	\$271,046	\$272,491	\$273,175	\$277,235	0.2%
92b	Military	\$131,647	\$133,350	\$135,411	\$139,933	\$145,743	\$147,534	\$146,919	\$145,106	\$144,850	\$152,220	15.6%
92c	State & local	\$1,003,960	\$1,024,990	\$1,044,170	\$1,063,580	\$1,070,540	\$1,075,170	\$1,084,100	\$1,093,150	\$1,112,560	\$1,132,050	12.8%

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

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

Source: U.S. Bureau Economic Analysis (2010).

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Table A10: Percentage Distribution of U.S. Gross Domestic Product by Industry, 1999-2008 (based on chained 2005 dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product										Difference 1999-2008	
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008*		
11-92	All Industries*	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	0.00%
11-81	Private industries	86.88%	87.19%	87.22%	87.19%	87.36%	87.73%	88.04%	88.29%	88.38%	88.15%	88.15%	1.27%
11	Agriculture, forestry, fishing & hunting	0.86%	0.92%	0.88%	0.90%	0.98%	1.00%	1.01%	0.99%	0.92%	1.00%	1.00%	0.14%
111-2	Crop & animal production (farms)	0.68%	0.74%	0.68%	0.70%	0.78%	0.80%	0.81%	0.77%	0.70%	0.78%	0.78%	0.11%
113-5	Forestry, fishing & related activities	0.19%	0.18%	0.20%	0.20%	0.20%	0.20%	0.20%	0.22%	0.22%	0.21%	0.21%	0.03%
21	Mining	2.46%	2.07%	2.31%	2.30%	1.96%	1.88%	1.53%	1.61%	1.51%	1.51%	1.51%	-0.95%
211	Oil & gas extraction	2.07%	1.38%	1.57%	1.74%	1.36%	1.28%	1.02%	1.13%	1.05%	0.99%	0.99%	-1.08%
212	Mining, except oil & gas	0.42%	0.40%	0.39%	0.37%	0.35%	0.32%	0.29%	0.27%	0.25%	0.24%	0.24%	-0.18%
213	Support activities for mining	0.18%	0.26%	0.34%	0.24%	0.25%	0.28%	0.22%	0.21%	0.20%	0.26%	0.26%	0.08%
22	Utilities	2.00%	1.99%	1.70%	1.73%	1.76%	1.77%	1.64%	1.61%	1.63%	1.68%	1.68%	-0.32%
23	Construction	5.89%	5.84%	5.63%	5.35%	5.25%	5.08%	4.87%	4.60%	4.34%	4.19%	4.19%	-1.71%
31-33	Manufacturing	12.19%	12.44%	11.72%	11.81%	11.90%	12.43%	12.49%	12.69%	12.99%	12.50%	12.50%	0.31%
32p & 33	Durable goods	6.24%	6.66%	6.18%	6.30%	6.35%	6.70%	6.99%	7.27%	7.41%	7.42%	7.42%	1.18%
321	Wood products	0.30%	0.29%	0.28%	0.28%	0.27%	0.25%	0.26%	0.25%	0.27%	0.27%	0.27%	-0.03%
327	Nonmetallic mineral products	0.43%	0.40%	0.39%	0.38%	0.37%	0.37%	0.36%	0.31%	0.31%	0.29%	0.29%	-0.14%
331	Primary metals	0.59%	0.55%	0.50%	0.52%	0.48%	0.49%	0.43%	0.36%	0.33%	0.31%	0.31%	-0.29%
332	Fabricated metal products	1.14%	1.15%	1.01%	0.95%	0.94%	0.98%	0.96%	0.98%	1.00%	0.96%	0.96%	-0.18%
333	Machinery	1.03%	0.99%	0.88%	0.81%	0.77%	0.84%	0.87%	0.90%	0.91%	0.93%	0.93%	-0.10%
334	Computer & electronic products	0.47%	0.73%	0.71%	0.82%	0.94%	1.19%	1.46%	1.74%	1.89%	2.07%	2.07%	1.60%
335	Electrical equipment & appliances	0.38%	0.38%	0.36%	0.35%	0.35%	0.32%	0.32%	0.35%	0.33%	0.35%	0.35%	-0.02%
336	Transportation equipment	1.60%	1.53%	1.43%	1.51%	1.48%	1.44%	1.50%	1.55%	1.60%	1.54%	1.54%	-0.06%
3361-3	Motor vehicles, bodies, trailers & parts	0.84%	0.83%	0.74%	0.87%	0.90%	0.87%	0.90%	0.94%	0.92%	0.85%	0.85%	0.02%
3364-9	Other transportation equipment	0.76%	0.70%	0.69%	0.64%	0.59%	0.57%	0.61%	0.62%	0.69%	0.69%	0.69%	-0.08%
337	Furniture & related products	0.32%	0.31%	0.28%	0.27%	0.25%	0.27%	0.27%	0.28%	0.24%	0.22%	0.22%	-0.10%
339	Miscellaneous mfg.	0.52%	0.54%	0.51%	0.52%	0.52%	0.56%	0.55%	0.58%	0.59%	0.59%	0.59%	0.07%
31 & 32p	Nondurable goods ¹	6.04%	5.79%	5.57%	5.53%	5.56%	5.74%	5.50%	5.43%	5.58%	5.11%	5.11%	-0.93%
311-2	Food products	1.64%	1.57%	1.56%	1.49%	1.49%	1.33%	1.37%	1.50%	1.56%	1.44%	1.44%	-0.21%
313-4	Textile & textile product mills	0.25%	0.24%	0.21%	0.20%	0.17%	0.22%	0.19%	0.16%	0.16%	0.12%	0.12%	-0.13%
315	Apparel	0.18%	0.17%	0.16%	0.15%	0.13%	0.13%	0.13%	0.12%	0.12%	0.11%	0.11%	-0.07%
322	Paper	0.58%	0.52%	0.44%	0.44%	0.42%	0.45%	0.43%	0.43%	0.40%	0.38%	0.38%	-0.19%
323	Printing & related support activities	0.34%	0.33%	0.32%	0.33%	0.31%	0.31%	0.30%	0.28%	0.28%	0.28%	0.28%	-0.06%
324	Petroleum & coal products	0.65%	0.66%	0.75%	0.70%	0.95%	1.18%	1.11%	0.94%	0.92%	0.94%	0.94%	0.29%
325	Chemical	1.57%	1.51%	1.45%	1.55%	1.50%	1.58%	1.45%	1.56%	1.66%	1.39%	1.39%	-0.18%
326	Plastics & rubber products	0.61%	0.59%	0.54%	0.53%	0.53%	0.54%	0.52%	0.46%	0.51%	0.46%	0.46%	-0.15%
42	Wholesale trade	5.26%	5.40%	5.60%	5.56%	5.77%	5.88%	5.78%	5.80%	5.82%	5.78%	5.78%	0.52%
44-45	Retail trade	6.72%	6.70%	6.82%	6.92%	6.93%	6.70%	6.68%	6.62%	6.59%	6.24%	6.24%	-0.48%
48-49p	Transportation & warehousing ²	2.77%	2.84%	2.70%	2.62%	2.69%	2.84%	2.94%	2.99%	3.02%	2.94%	2.94%	0.17%
481	Air transportation	0.38%	0.39%	0.33%	0.36%	0.41%	0.45%	0.44%	0.45%	0.46%	0.43%	0.43%	0.05%
482	Rail transportation	0.24%	0.24%	0.23%	0.21%	0.22%	0.22%	0.21%	0.21%	0.21%	0.19%	0.19%	-0.05%
483	Water transportation	0.05%	0.06%	0.05%	0.04%	0.04%	0.05%	0.07%	0.12%	0.14%	0.16%	0.16%	0.11%
484	Truck transportation	0.96%	0.95%	0.89%	0.86%	0.87%	0.90%	0.95%	0.97%	0.98%	0.97%	0.97%	0.02%
485	Transit & ground passenger transportation	0.19%	0.19%	0.18%	0.18%	0.17%	0.18%	0.17%	0.17%	0.17%	0.16%	0.16%	-0.03%
486	Pipeline transportation	0.07%	0.08%	0.12%	0.08%	0.08%	0.09%	0.08%	0.08%	0.09%	0.09%	0.09%	0.02%
487-8, 492	Other transportation & support activities	0.65%	0.67%	0.66%	0.66%	0.66%	0.70%	0.73%	0.73%	0.69%	0.68%	0.68%	0.04%
493	Warehousing & storage	0.24%	0.25%	0.24%	0.24%	0.24%	0.26%	0.28%	0.28%	0.29%	0.28%	0.28%	0.04%
51	Information	3.83%	3.54%	3.75%	4.10%	4.11%	4.50%	4.72%	4.64%	4.82%	4.87%	4.87%	1.04%
511	Publishing including software	1.23%	0.91%	0.86%	1.01%	1.05%	1.16%	1.20%	1.02%	1.09%	1.08%	1.08%	-0.15%
512	Motion picture & sound recording industries	0.54%	0.38%	0.46%	0.47%	0.44%	0.48%	0.45%	0.45%	0.45%	0.44%	0.44%	-0.10%
513	Broadcasting & telecommunications	1.86%	2.03%	2.12%	2.13%	2.11%	2.24%	2.48%	2.53%	2.72%	2.77%	2.77%	0.92%
514	Information & data processing svcs.	0.27%	0.21%	0.31%	0.48%	0.52%	0.63%	0.59%	0.64%	0.56%	0.59%	0.59%	0.32%

Table A10: Percentage Distribution of U.S. Gross Domestic Product by Industry, 1999-2008 (based on chained 2005 dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product										Difference 1999-2008
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008*	
52	Finance & insurance	7.01%	7.49%	8.25%	8.09%	8.03%	7.76%	8.19%	8.51%	8.22%	8.47%	1.46%
521-2	Federal Reserve, credit intermediation, etc.	3.36%	3.30%	3.60%	3.91%	3.96%	3.55%	3.75%	3.77%	3.59%	3.46%	0.10%
523	Securities, commodity contracts, investments	0.86%	1.11%	1.77%	1.50%	1.32%	1.23%	1.46%	1.61%	1.36%	1.21%	0.35%
524	Insurance carriers & related activities	2.73%	3.02%	2.74%	2.47%	2.50%	2.71%	2.69%	2.80%	2.92%	3.42%	0.69%
525	Funds, trusts & other financial vehicles	0.19%	0.17%	0.18%	0.21%	0.23%	0.26%	0.30%	0.32%	0.36%	0.43%	0.23%
53	Real estate, rental & leasing	12.72%	12.67%	12.87%	12.62%	12.55%	12.43%	12.57%	12.56%	12.86%	12.93%	0.21%
531	Real estate	11.27%	11.28%	11.37%	11.19%	11.22%	11.22%	11.35%	11.17%	11.41%	11.56%	0.29%
532-3	Rental & leasing svcs., leasing intangible assets	1.45%	1.39%	1.51%	1.44%	1.33%	1.20%	1.22%	1.39%	1.45%	1.37%	-0.08%
54	Professional & technical svcs.	6.63%	6.64%	6.76%	6.73%	6.69%	6.86%	6.97%	7.11%	7.15%	7.27%	0.63%
5411	Legal svcs.	1.57%	1.57%	1.57%	1.55%	1.55%	1.57%	1.55%	1.49%	1.42%	1.33%	-0.24%
5415	Computer systems design & related svcs.	0.87%	0.91%	0.91%	0.87%	0.88%	0.95%	1.03%	1.11%	1.21%	1.28%	0.40%
5412-4, 6-9	Other professional, scientific & technical svcs.	4.20%	4.16%	4.28%	4.33%	4.27%	4.34%	4.40%	4.51%	4.52%	4.68%	0.48%
55	Management of companies & enterprises	1.89%	1.92%	1.97%	1.95%	1.91%	1.81%	1.73%	1.70%	1.65%	1.68%	-0.21%
56	Administrative & waste svcs.	2.72%	2.78%	2.73%	2.67%	2.81%	2.74%	2.94%	2.90%	3.00%	3.00%	0.27%
561	Administrative & support svcs.	2.44%	2.50%	2.45%	2.39%	2.51%	2.46%	2.64%	2.64%	2.71%	2.71%	0.27%
562	Waste management & remediation svcs.	0.29%	0.28%	0.28%	0.28%	0.30%	0.29%	0.30%	0.26%	0.29%	0.29%	0.00%
61	Educational svcs.	1.06%	1.03%	1.00%	1.04%	1.02%	1.01%	0.96%	0.94%	0.94%	0.95%	-0.10%
62	Health care & social assistance	6.43%	6.32%	6.43%	6.58%	6.68%	6.66%	6.64%	6.70%	6.70%	6.92%	0.49%
621	Ambulatory health care svcs.	2.93%	2.93%	3.01%	3.12%	3.18%	3.19%	3.23%	3.31%	3.30%	3.43%	0.51%
622-3	Hospitals & nursing & residential care facilities	2.96%	2.87%	2.87%	2.90%	2.93%	2.90%	2.82%	2.82%	2.83%	2.89%	-0.07%
624	Social assistance	0.55%	0.55%	0.56%	0.57%	0.58%	0.58%	0.58%	0.57%	0.58%	0.59%	0.04%
71	Arts, entertainment & recreation	1.03%	1.02%	0.94%	0.97%	0.95%	0.96%	0.93%	0.95%	0.94%	0.96%	-0.07%
711-2	Performing arts, museums & related activities	0.52%	0.53%	0.51%	0.54%	0.54%	0.53%	0.51%	0.51%	0.52%	0.51%	-0.01%
713	Amusements, gambling & recreation	0.51%	0.49%	0.43%	0.43%	0.41%	0.42%	0.43%	0.44%	0.42%	0.45%	-0.06%
72	Accommodation & food svcs.	2.92%	2.92%	2.90%	2.87%	2.90%	2.91%	2.90%	2.89%	2.88%	2.80%	-0.12%
721	Accommodation	0.89%	0.89%	0.87%	0.86%	0.85%	0.86%	0.87%	0.86%	0.86%	0.83%	-0.06%
722	Food services & drinking places	2.03%	2.03%	2.03%	2.01%	2.05%	2.05%	2.04%	2.04%	2.02%	1.97%	-0.06%
81	Other svcs., except government	3.17%	3.09%	2.73%	2.77%	2.67%	2.60%	2.54%	2.47%	2.48%	2.47%	-0.70%
92	Government	13.12%	12.81%	12.79%	12.81%	12.64%	12.26%	11.96%	11.71%	11.63%	11.85%	-1.27%
92a & b	Federal government	3.79%	3.67%	3.59%	3.61%	3.57%	3.46%	3.33%	3.24%	3.18%	3.26%	-0.54%
92a	Civilian ³	2.57%	2.49%	2.40%	2.40%	2.34%	2.25%	2.16%	2.11%	2.08%	2.10%	-0.47%
92b	Military	1.22%	1.19%	1.19%	1.21%	1.23%	1.21%	1.17%	1.13%	1.10%	1.15%	-0.07%
92c	State & local	9.32%	9.13%	9.19%	9.20%	9.07%	8.80%	8.64%	8.48%	8.45%	8.59%	-0.74%

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

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

Source: U.S. Bureau Economic Analysis (2010).

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Table A11: Concentration Ratio of Ohio::U.S. Gross Domestic Product by Industry, 1999-2008 (based on chained 2005 dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product										Difference 1999-2008	
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008 ¹		
11-92	All Industries	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
11-81	Private industries	1.02	1.02	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	-0.01
11	Agriculture, forestry, fishing & hunting	0.45	0.54	0.52	0.50	0.49	0.56	0.52	0.57	0.58	0.59	0.59	0.13
111-2	Crop & animal production (farms)	0.50	0.61	0.58	0.56	0.54	0.61	0.58	0.66	0.66	0.65	0.65	0.15
113-5	Forestry, fishing & related activities	0.29	0.29	0.31	0.29	0.29	0.29	0.29	0.29	0.29	0.30	0.30	0.01
21	Mining	0.37	0.33	0.34	0.33	0.30	0.29	0.26	0.25	0.23	0.22	0.22	-0.15
211	Oil & gas extraction	0.16	0.14	0.15	0.23	0.19	0.17	0.16	0.15	0.13	0.12	0.12	-0.05
212	Mining, except oil & gas	0.76	0.89	0.98	0.68	0.71	0.70	0.63	0.59	0.56	0.58	0.58	-0.19
213	Support activities for mining	0.16	0.15	0.15	0.18	0.21	0.28	0.29	0.26	0.26	0.28	0.28	0.12
22	Utilities	1.11	1.06	1.08	1.03	0.99	0.94	0.94	0.95	1.07	1.08	1.08	-0.03
23	Construction	0.96	0.95	0.91	0.89	0.87	0.85	0.80	0.78	0.77	0.77	0.77	-0.20
31-33	Manufacturing	1.63	1.58	1.54	1.57	1.54	1.54	1.53	1.51	1.48	1.44	1.44	-0.19
32p & 33	Durable goods	1.84	1.83	1.82	1.83	1.81	1.84	1.84	1.78	1.75	1.74	1.74	-0.10
321	Wood products	0.89	0.97	0.96	1.02	0.78	0.97	0.89	0.90	0.95	1.02	1.02	0.13
327	Nonmetallic mineral products	1.98	2.00	1.89	1.99	1.94	1.72	1.57	1.53	1.59	1.72	1.72	-0.26
331	Primary metals	3.75	3.66	3.35	2.95	2.80	2.94	3.52	3.18	3.37	3.26	3.26	-0.48
332	Fabricated metal products	2.27	2.26	2.20	2.26	2.39	2.38	2.37	2.49	2.42	2.69	2.69	0.42
333	Machinery	1.63	1.59	1.63	1.58	1.67	1.68	1.77	1.68	1.69	1.65	1.65	0.02
334	Computer & electronic products	0.47	0.45	0.43	0.35	0.32	0.37	0.45	0.42	0.41	0.49	0.49	0.02
335	Electrical equipment & appliances	2.35	2.42	2.33	2.42	2.91	2.72	2.79	2.37	2.36	2.36	2.36	0.01
336	Transportation equipment	2.48	2.72	2.59	2.68	2.61	2.94	2.89	2.96	2.70	2.54	2.54	0.05
3361-3	Motor vehicles, bodies, trailers & parts	3.64	3.73	3.63	3.67	3.38	3.91	3.88	3.98	3.66	3.56	3.56	-0.08
3364-9	Other transportation equipment	1.22	1.52	1.45	1.33	1.42	1.45	1.43	1.42	1.41	1.27	1.27	0.05
337	Furniture & related products	1.17	1.16	1.23	1.32	1.34	1.30	1.35	1.30	1.39	1.23	1.23	0.06
339	Miscellaneous mfg.	0.89	0.88	0.88	0.92	0.82	0.86	0.83	0.85	0.80	0.79	0.79	-0.10
31 & 32p	Nondurable goods ¹	1.19	1.14	1.18	1.26	1.21	1.18	1.15	1.18	1.20	1.12	1.12	-0.06
311-2	Food products	1.11	1.05	1.18	1.24	1.16	1.23	1.15	1.23	1.26	1.21	1.21	0.10
313-4	Textile & textile product mills	0.44	0.45	0.51	0.48	0.47	0.45	0.46	0.48	0.60	0.61	0.61	0.17
315	Apparel	0.16	0.18	0.26	0.27	0.35	0.35	0.40	0.38	0.51	0.50	0.50	0.34
322	Paper	1.10	1.05	1.14	1.19	1.11	1.14	1.16	1.21	1.26	1.18	1.18	0.08
323	Printing & related support activities	1.27	1.27	1.28	1.39	1.49	1.53	1.56	1.56	1.49	1.38	1.38	0.11
324	Petroleum & coal products	0.65	1.02	0.91	0.86	0.69	0.66	0.75	0.87	0.62	0.47	0.47	-0.19
325	Chemical	1.17	1.03	1.12	1.19	1.23	1.19	1.08	1.05	1.20	1.19	1.19	0.02
326	Plastics & rubber products	2.41	2.33	2.14	2.33	2.34	2.30	2.36	2.32	2.36	2.22	2.22	-0.19
42	Wholesale trade	0.99	0.96	1.00	0.98	0.99	1.00	1.02	1.06	1.05	1.06	1.06	0.07
44-45	Retail trade	1.07	1.08	1.09	1.08	1.10	1.09	1.08	1.05	1.06	1.06	1.06	-0.01
48-49p	Transportation & warehousing ²	0.94	0.96	0.98	0.99	1.01	1.02	1.08	1.12	1.12	1.15	1.15	0.20
481	Air transportation	0.46	0.47	0.42	0.51	0.64	0.64	0.71	0.73	0.72	0.82	0.82	0.36
482	Rail transportation	1.04	1.04	1.05	1.05	1.05	1.06	1.06	1.06	1.04	1.07	1.07	0.03
483	Water transportation	0.80	0.83	0.74	0.70	0.62	0.44	0.43	0.38	0.30	0.26	0.26	-0.55
484	Truck transportation	1.27	1.23	1.32	1.35	1.35	1.37	1.40	1.43	1.46	1.48	1.48	0.21
485	Transit & ground passenger transportation	0.40	0.40	0.41	0.43	0.43	0.44	0.44	0.45	0.46	0.46	0.46	0.06
486	Pipeline transportation	0.26	0.23	0.19	0.34	0.33	0.30	0.37	0.37	0.34	0.33	0.33	0.07
487-8, 492	Other transportation & support activities	1.06	1.16	1.12	1.02	1.01	1.00	1.04	1.12	1.09	1.11	1.11	0.05
493	Warehousing & storage	1.08	1.11	1.11	1.10	1.21	1.31	1.46	1.64	1.72	1.72	1.72	0.64
51	Information	0.62	0.61	0.62	0.63	0.65	0.64	0.64	0.62	0.63	0.63	0.63	0.02
511	Publishing including software	0.71	0.66	0.75	0.81	0.85	0.90	0.90	0.88	0.86	0.88	0.88	0.17
512	Motion picture & sound recording industries	0.19	0.20	0.18	0.17	0.17	0.15	0.16	0.16	0.15	0.15	0.15	-0.04
513	Broadcasting & telecommunications	0.66	0.65	0.65	0.64	0.64	0.63	0.63	0.63	0.66	0.66	0.66	0.00
514	Information & data processing srvc.	0.62	0.56	0.68	0.64	0.64	0.54	0.53	0.52	0.41	0.43	0.43	-0.19

Table A11: Concentration Ratio of Ohio::U.S. Gross Domestic Product by Industry, 1999-2008 (based on chained 2005 dollars)

1997 NAICS Codes	Sector & Major Industry Titles	Gross Domestic Product										Difference 1999-2008
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008*	
52	Finance & insurance	0.94	0.99	0.94	0.98	1.01	1.03	1.04	0.99	1.01	1.06	0.11
521-2	Federal Reserve, credit intermediation, etc.	1.03	1.08	1.10	1.16	1.19	1.27	1.30	1.25	1.23	1.25	0.22
523	Securities, commodity contracts, investments	0.38	0.36	0.36	0.37	0.38	0.37	0.35	0.34	0.33	0.32	-0.06
524	Insurance carriers & related activities	1.14	1.21	1.16	1.11	1.11	1.10	1.13	1.12	1.19	1.25	0.11
525	Funds, trusts & other financial vehicles	0.47	0.47	0.26	0.23	0.20	0.18	0.18	0.23	0.25	0.28	-0.18
53	Real estate, rental & leasing	0.87	0.89	0.93	0.91	0.89	0.86	0.83	0.82	0.82	0.82	-0.05
531	Real estate	0.87	0.89	0.93	0.90	0.89	0.85	0.82	0.81	0.81	0.82	-0.05
532-3	Rental & leasing srvc., leasing intangible assets	0.84	0.94	0.92	0.94	0.86	0.88	0.87	0.87	0.85	0.86	0.02
54	Professional & technical srvc.	0.76	0.77	0.77	0.77	0.77	0.77	0.76	0.77	0.78	0.79	0.02
5411	Legal srvc.	0.74	0.73	0.73	0.74	0.70	0.69	0.67	0.65	0.67	0.68	-0.06
5415	Computer systems design & related srvc.	0.78	0.71	0.78	0.80	0.84	0.85	0.85	0.88	0.93	0.94	0.16
5412-4, 6-9	Other professional, scientific & technical srvc.	0.77	0.80	0.78	0.77	0.77	0.78	0.77	0.78	0.78	0.78	0.01
55	Management of companies & enterprises	1.23	1.18	1.25	1.45	1.50	1.53	1.60	1.66	1.61	1.65	0.43
56	Administrative & waste srvc.	1.00	0.96	0.97	0.97	0.99	1.02	1.00	1.03	1.03	1.04	0.04
561	Administrative & support srvc.	0.99	0.94	0.95	0.95	0.97	1.00	0.99	1.01	1.02	1.04	0.04
562	Waste management & remediation srvc.	1.09	1.10	1.12	1.09	1.18	1.19	1.16	1.16	1.06	1.06	-0.04
61	Educational srvc.	0.79	0.81	0.82	0.80	0.80	0.82	0.84	0.88	0.87	0.87	0.09
62	Health care & social assistance	1.10	1.13	1.17	1.15	1.16	1.17	1.19	1.23	1.21	1.21	0.10
621	Ambulatory health care srvc.	1.02	1.08	1.08	1.06	1.07	1.08	1.10	1.13	1.11	1.10	0.08
622-3	Hospitals & nursing & residential care facilities	1.25	1.26	1.33	1.30	1.31	1.33	1.36	1.40	1.37	1.38	0.12
624	Social assistance	0.80	0.80	0.91	0.89	0.88	0.88	0.90	0.95	0.96	0.99	0.18
71	Arts, entertainment & recreation	0.82	0.75	0.80	0.76	0.76	0.73	0.73	0.74	0.74	0.73	-0.09
711-2	Performing arts, museums & related activities	0.84	0.68	0.78	0.73	0.72	0.68	0.69	0.71	0.73	0.72	-0.12
713	Amusements, gambling & recreation	0.81	0.82	0.82	0.80	0.80	0.79	0.78	0.77	0.75	0.75	-0.06
72	Accommodation & food srvc.	0.81	0.81	0.83	0.83	0.83	0.84	0.83	0.83	0.84	0.84	0.03
721	Accommodation	0.43	0.42	0.43	0.44	0.43	0.43	0.42	0.42	0.43	0.44	0.01
722	Food services & drinking places	0.98	0.99	1.01	0.99	1.00	1.00	1.00	1.00	1.02	1.01	0.03
81	Other srvc., except government	0.97	0.97	1.02	1.01	1.00	1.01	0.99	0.99	0.99	0.98	0.00
92	Government	0.88	0.89	0.92	0.91	0.91	0.90	0.91	0.92	0.91	0.91	0.03
92a & b	Federal government	0.62	0.64	0.65	0.64	0.65	0.65	0.65	0.66	0.66	0.65	0.03
92a	Civilian ³	0.75	0.78	0.79	0.77	0.77	0.77	0.77	0.79	0.80	0.80	0.04
92b	Military	0.34	0.35	0.36	0.38	0.42	0.42	0.43	0.41	0.40	0.40	0.06
92c	State & local	0.98	0.99	1.02	1.01	1.01	1.01	1.01	1.02	1.01	1.01	0.02

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

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

Source: U.S. Bureau Economic Analysis (2010).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 11/10).

Table A12: Ohio's Gross Domestic Product by Industry - Sorted by 2008 Concentration Ratio

1997 NAICS Codes	Industry Titles	Concentration Ratio 2008*	GDP 2008^	Percent Change 1999-2008*	1997 NAICS Codes	Industry Titles	Concentration Ratio 2008*	GDP 2008^	Percent Change 1999-2008*
11-92	All Industries	1.00	\$477,245	5.6%	81	Other srvcs., except government	0.98	\$11,998	-17.4%
					5415	Computer systems design & related srvcs.	0.94	\$5,325	85.4%
3361-3	Motor vehicles, bodies, trailers & parts mfg.	3.56	\$10,622	5.6%	92	Government sector summary	0.91	\$53,468	-1.2%
331	Primary metals mfg.	3.26	\$6,396	-52.5%	511	Publishing including software	0.88	\$4,302	15.6%
332	Fabricated metal products mfg.	2.69	\$12,224	5.6%	61	Educational srvcs.	0.87	\$4,270	6.0%
336	Transportation equipment mfg.	2.54	\$14,622	4.1%	532-3	Rental & leasing srvcs., leasing intangible assets	0.86	\$5,658	2.4%
335	Electrical equipment & appliances mfg.	2.36	\$3,982	-0.9%	72	Accommodation & food srvcs.	0.84	\$11,507	5.8%
326	Plastics & rubber products mfg.	2.22	\$4,964	-26.4%	53	Real estate, rental & leasing	0.82	\$50,765	1.8%
32p & 33	Durable goods mfg. subtotal	1.74	\$53,944	18.7%	481	Air transportation	0.82	\$1,573	115.2%
327	Nonmetallic mineral products mfg.	1.72	\$2,338	-38.8%	531	Real estate	0.82	\$45,107	1.7%
493	Warehousing & storage	1.72	\$2,338	94.1%	92a	Federal government - civilian ^d	0.80	\$8,112	-8.8%
333	Machinery mfg.	1.65	\$6,872	-3.9%	339	Miscellaneous mfg.	0.79	\$2,105	7.3%
55	Management of companies & enterprises	1.65	\$14,421	26.9%	54	Professional & technical srvcs.	0.79	\$28,251	19.2%
484	Truck transportation	1.48	\$6,214	25.1%	5412-4, 6-9	Other professional, scientific & technical srvcs.	0.78	\$18,132	19.9%
31-33	Manufacturing subtotal	1.44	\$82,065	-4.5%	23	Construction	0.77	\$16,434	-40.3%
323	Printing & related support activities	1.38	\$1,723	-5.1%	713	Amusements, gambling & recreation	0.75	\$1,588	-12.5%
622-3	Hospitals & nursing & residential care facilities	1.38	\$19,329	13.1%	71	Arts, entertainment & recreation	0.73	\$3,399	-12.0%
3364-9	Other transportation equipment mfg.	1.27	\$4,000	-0.9%	711-2	Performing arts, museums & related activities	0.72	\$1,811	-10.8%
521-2	Federal Reserve, credit intermediation, & related srvcs.	1.25	\$20,413	32.0%	5411	Legal srvcs.	0.68	\$4,794	-17.7%
524	Insurance carriers & related activities	1.25	\$19,451	44.6%	513	Broadcasting & telecommunications	0.66	\$7,594	58.0%
337	Furniture & related products mfg.	1.23	\$1,248	-24.7%	92a & b	Federal government subtotal	0.65	\$10,475	-4.4%
311-2	Food products mfg.	1.21	\$7,684	0.9%	111-2	Crop & animal production (farms)	0.65	\$2,892	59.8%
62	Health care & social assistance	1.21	\$40,092	24.3%	51	Information	0.63	\$13,240	37.7%
325	Chemical mfg.	1.19	\$8,475	-4.9%	313-4	Textile & textile product mills mfg.	0.61	\$347	-27.5%
322	Paper mfg.	1.18	\$2,361	-24.5%	11	Agriculture, forestry, fishing & hunting	0.59	\$3,205	59.4%
48-49p	Transportation & warehousing ²	1.15	\$15,566	36.4%	212	Mining, except oil & gas	0.58	\$940	-54.8%
31 & 32p	Nondurable goods mfg. subtotal ¹	1.12	\$28,122	-15.3%	315	Apparel mfg.	0.50	\$237	103.3%
487-8, 492	Other transportation & support activities	1.11	\$3,658	16.7%	334	Computer & electronic products mfg.	0.49	\$3,238	383.0%
621	Ambulatory health care srvcs.	1.10	\$17,912	33.4%	324	Petroleum & coal products mfg.	0.47	\$2,332	9.0%
22	Utilities	1.08	\$9,213	-13.7%	485	Transit & ground passenger transportation	0.46	\$360	5.3%
482	Rail transportation	1.07	\$1,148	-15.3%	721	Accommodation	0.44	\$1,770	0.8%
42	Wholesale trade	1.06	\$29,245	24.4%	514	Information & data processing srvcs.	0.43	\$1,034	59.6%
44-45	Retail trade	1.06	\$30,825	-2.4%	92b	Federal government - military	0.40	\$2,363	16.0%
52	Finance & insurance	1.06	\$42,500	43.1%	486	Pipeline transportation	0.33	\$153	67.5%
562	Waste management & remediation srvcs.	1.06	\$1,445	2.1%	523	Securities, commodity contracts, investments	0.32	\$2,127	25.1%
56	Administrative & waste srvcs.	1.04	\$14,523	20.5%	113-5	Forestry, fishing & related activities	0.30	\$314	25.7%
561	Administrative & support srvcs.	1.04	\$13,078	22.8%	525	Funds, trusts & other financial vehicles	0.28	\$508	40.7%
321	Wood products mfg.	1.02	\$918	8.7%	213	Support activities for mining	0.28	\$515	168.6%
11-81	Private sector summary	1.01	\$423,777	6.5%	483	Water transportation	0.26	\$121	0.0%
722	Food services & drinking places	1.01	\$9,737	5.8%	21	Mining	0.22	\$2,258	-61.6%
92c	State & local government	1.01	\$42,993	-0.5%	512	Motion picture & sound recording industries	0.15	\$310	-31.0%
624	Social assistance	0.99	\$2,851	38.9%	211	Oil & gas extraction	0.12	\$804	-63.5%

Notes: ^ - based on current dollars; * - based on chained dollars standardized on 2005; 1 - leather and allied products included but not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

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

Source: U.S. Bureau Economic Analysis (2010).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 11/10).

Table A13: Ohio's Gross Domestic Product by Industry - Sorted by Percentage Change, 1999-2008

1997 NAICS Codes	Industry Titles	Percent Change 1999-2008*	GDP 2008^	Concentration Ratio 2008*	1997 NAICS Codes	Industry Titles	Percent Change 1999-2008*	GDP 2008^	Concentration Ratio 2008*
11-92	All Industries	5.6%	\$477,245	1.00	72	Accommodation & food svcs.	5.8%	\$11,507	0.84
					332	Fabricated metal products mfg.	5.6%	\$12,224	2.69
334	Computer & electronic products mfg.	383.0%	\$3,238	0.49	3361-3	Motor vehicles, bodies, trailers & parts mfg.	5.6%	\$10,622	3.56
213	Support activities for mining	168.6%	\$515	0.28	485	Transit & ground passenger transportation	5.3%	\$360	0.46
481	Air transportation	115.2%	\$1,573	0.82	336	Transportation equipment mfg.	4.1%	\$14,622	2.54
315	Apparel mfg.	103.3%	\$237	0.50	532-3	Rental & leasing svcs., leasing intangible assets	2.4%	\$5,658	0.86
493	Warehousing & storage	94.1%	\$2,338	1.72	562	Waste management & remediation svcs.	2.1%	\$1,445	1.06
5415	Computer systems design & related svcs.	85.4%	\$5,325	0.94	53	Real estate, rental & leasing	1.8%	\$50,765	0.82
486	Pipeline transportation	67.5%	\$153	0.33	531	Real estate	1.7%	\$45,107	0.82
111-2	Crop & animal production (farms)	59.8%	\$2,892	0.65	311-2	Food products mfg.	0.9%	\$7,684	1.21
514	Information & data processing svcs.	59.6%	\$1,034	0.43	721	Accommodation	0.8%	\$1,770	0.44
11	Agriculture, forestry, fishing & hunting	59.4%	\$3,205	0.59	483	Water transportation	0.0%	\$121	0.26
513	Broadcasting & telecommunications	58.0%	\$7,594	0.66	92c	State & local government	-0.5%	\$42,993	1.01
524	Insurance carriers & related activities	44.6%	\$19,451	1.25	3364-9	Other transportation equipment mfg.	-0.9%	\$4,000	1.27
52	Finance & insurance	43.1%	\$42,500	1.06	335	Electrical equipment & appliances mfg.	-0.9%	\$3,982	2.36
525	Funds, trusts & other financial vehicles	40.7%	\$508	0.28	92	Government sector summary	-1.2%	\$53,468	0.91
624	Social assistance	38.9%	\$2,851	0.99	44-45	Retail trade	-2.4%	\$30,825	1.06
51	Information	37.7%	\$13,240	0.63	333	Machinery mfg.	-3.9%	\$6,872	1.65
48-49p	Transportation & warehousing ²	36.4%	\$15,566	1.15	92a & b	Federal government subtotal	-4.4%	\$10,475	0.65
621	Ambulatory health care svcs.	33.4%	\$17,912	1.10	31-33	Manufacturing subtotal	-4.5%	\$82,065	1.44
521-2	Federal Reserve, credit intermediation, & related svcs.	32.0%	\$20,413	1.25	325	Chemical mfg.	-4.9%	\$8,475	1.19
55	Management of companies & enterprises	26.9%	\$14,421	1.65	323	Printing & related support activities	-5.1%	\$1,723	1.38
113-5	Forestry, fishing & related activities	25.7%	\$314	0.30	92a	Federal government - civilian ³	-8.8%	\$8,112	0.80
484	Truck transportation	25.1%	\$6,214	1.48	711-2	Performing arts, museums & related activities	-10.8%	\$1,811	0.72
523	Securities, commodity contracts, investments	25.1%	\$2,127	0.32	71	Arts, entertainment & recreation	-12.0%	\$3,399	0.73
42	Wholesale trade	24.4%	\$29,245	1.06	713	Amusements, gambling & recreation	-12.5%	\$1,588	0.75
62	Health care & social assistance	24.3%	\$40,092	1.21	22	Utilities	-13.7%	\$9,213	1.08
561	Administrative & support svcs.	22.8%	\$13,078	1.04	31 & 32p	Nondurable goods mfg. subtotal ¹	-15.3%	\$28,122	1.12
56	Administrative & waste svcs.	20.5%	\$14,523	1.04	482	Rail transportation	-15.3%	\$1,148	1.07
5412-4, 6-9	Other professional, scientific & technical svcs.	19.9%	\$18,132	0.78	81	Other svcs., except government	-17.4%	\$11,998	0.98
54	Professional & technical svcs.	19.2%	\$28,251	0.79	5411	Legal svcs.	-17.7%	\$4,794	0.68
32p & 33	Durable goods mfg. subtotal	18.7%	\$53,944	1.74	322	Paper mfg.	-24.5%	\$2,361	1.18
487-8, 492	Other transportation & support activities	16.7%	\$3,658	1.11	337	Furniture & related products mfg.	-24.7%	\$1,248	1.23
92b	Federal government - military	16.0%	\$2,363	0.40	326	Plastics & rubber products mfg.	-26.4%	\$4,964	2.22
511	Publishing including software	15.6%	\$4,302	0.88	313-4	Textile & textile product mills mfg.	-27.5%	\$347	0.61
622-3	Hospitals & nursing & residential care facilities	13.1%	\$19,329	1.38	512	Motion picture & sound recording industries	-31.0%	\$310	0.15
324	Petroleum & coal products mfg.	9.0%	\$2,332	0.47	327	Nonmetallic mineral products mfg.	-38.8%	\$2,338	1.72
321	Wood products mfg.	8.7%	\$918	1.02	23	Construction	-40.3%	\$16,434	0.77
339	Miscellaneous mfg.	7.3%	\$2,105	0.79	331	Primary metals mfg.	-52.5%	\$6,396	3.26
11-81	Private sector summary	6.5%	\$423,777	1.01	212	Mining, except oil & gas	-54.8%	\$940	0.58
61	Educational svcs.	6.0%	\$4,270	0.87	21	Mining	-61.6%	\$2,258	0.22
722	Food services & drinking places	5.8%	\$9,737	1.01	211	Oil & gas extraction	-63.5%	\$804	0.12

Notes: ^ - based on current dollars; * - based on chained dollars standardized on 2005; 1 - leather and allied products included but not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

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

Source: U.S. Bureau Economic Analysis (2010).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 11/10).

Table A14: Ohio's Gross Domestic Product by Industry - Sorted by Size in 2008

1997 NAICS Codes	Industry Titles	GDP 2008*	Percent Change 1999-2008*	Concentra- tion Ratio 2008*	1997 NAICS Codes	Industry Titles	GDP 2008*	Percent Change 1999-2008*	Concentra- tion Ratio 2008*
11-92	All Industries	\$477,245	5.6%	1.00	5415	Computer systems design & related svcs.	\$5,325	85.4%	0.94
					326	Plastics & rubber products mfg.	\$4,964	-26.4%	2.22
11-81	Private sector summary	\$423,777	6.5%	1.01	5411	Legal svcs.	\$4,794	-17.7%	0.68
31-33	Manufacturing subtotal	\$82,065	-4.5%	1.44	511	Publishing including software	\$4,302	15.6%	0.88
32p & 33	Durable goods mfg. subtotal	\$53,944	18.7%	1.74	61	Educational svcs.	\$4,270	6.0%	0.87
92	Government sector summary	\$53,468	-1.2%	0.91	3364-9	Other transportation equipment mfg.	\$4,000	-0.9%	1.27
53	Real estate, rental & leasing	\$50,765	1.8%	0.82	335	Electrical equipment & appliances mfg.	\$3,982	-0.9%	2.36
531	Real estate	\$45,107	1.7%	0.82	487-8, 492	Other transportation & support activities	\$3,658	16.7%	1.11
92c	State & local government	\$42,993	-0.5%	1.01	71	Arts, entertainment & recreation	\$3,399	-12.0%	0.73
52	Finance & insurance	\$42,500	43.1%	1.06	334	Computer & electronic products mfg.	\$3,328	383.0%	0.49
62	Health care & social assistance	\$40,092	24.3%	1.21	11	Agriculture, forestry, fishing & hunting	\$3,205	59.4%	0.59
44-45	Retail trade	\$30,825	-2.4%	1.06	111-2	Crop & animal production (farms)	\$2,892	59.8%	0.65
42	Wholesale trade	\$29,245	24.4%	1.06	624	Social assistance	\$2,851	38.9%	0.99
54	Professional & technical svcs.	\$28,251	19.2%	0.79	92b	Federal government - military	\$2,363	16.0%	0.40
31 & 32p	Nonurable goods mfg. subtotal ¹	\$28,122	-15.3%	1.12	322	Paper mfg.	\$2,361	-24.5%	1.18
521-2	Federal Reserve, credit intermediation, & related svcs.	\$20,413	32.0%	1.25	493	Warehousing & storage	\$2,338	94.1%	1.72
524	Insurance carriers & related activities	\$19,451	44.6%	1.25	327	Nonmetallic mineral products mfg.	\$2,338	-38.8%	1.72
622-3	Hospitals & nursing & residential care facilities	\$19,329	13.1%	1.38	324	Petroleum & coal products mfg.	\$2,332	9.0%	0.47
5412-4, 6-9	Other professional, scientific & technical svcs.	\$18,132	19.9%	0.78	21	Mining	\$2,258	-61.6%	0.22
621	Ambulatory health care svcs.	\$17,912	33.4%	1.10	523	Securities, commodity contracts, investments	\$2,127	25.1%	0.32
23	Construction	\$16,434	-40.3%	0.77	339	Miscellaneous mfg.	\$2,105	7.3%	0.79
48-49p	Transportation & warehousing ²	\$15,566	36.4%	1.15	711-2	Performing arts, museums & related activities	\$1,811	-10.8%	0.72
336	Transportation equipment mfg.	\$14,622	4.1%	2.54	721	Accommodation	\$1,770	0.8%	0.44
56	Administrative & waste svcs.	\$14,523	20.5%	1.04	323	Printing & related support activities	\$1,723	-5.1%	1.38
55	Management of companies & enterprises	\$14,421	26.9%	1.65	713	Amusements, gambling & recreation	\$1,588	-12.5%	0.75
51	Information	\$13,240	37.7%	0.63	481	Air transportation	\$1,573	115.2%	0.82
561	Administrative & support svcs.	\$13,078	22.8%	1.04	562	Waste management & remediation svcs.	\$1,445	2.1%	1.06
332	Fabricated metal products mfg.	\$12,224	5.6%	2.69	337	Furniture & related products mfg.	\$1,248	-24.7%	1.23
81	Other svcs., except government	\$11,998	-17.4%	0.98	482	Rail transportation	\$1,148	-15.3%	1.07
72	Accommodation & food svcs.	\$11,507	5.8%	0.84	514	Information & data processing svcs.	\$1,034	59.6%	0.43
3361-3	Motor vehicles, bodies, trailers & parts mfg.	\$10,622	5.6%	3.56	212	Mining, except oil & gas	\$940	-54.8%	0.58
92a & b	Federal government subtotal	\$10,475	-4.4%	0.65	321	Wood products mfg.	\$918	8.7%	1.02
722	Food services & drinking places	\$9,737	5.8%	1.01	211	Oil & gas extraction	\$804	-63.5%	0.12
22	Utilities	\$9,213	-13.7%	1.08	213	Support activities for mining	\$515	168.6%	0.28
325	Chemical mfg.	\$8,475	-4.9%	1.19	525	Funds, trusts & other financial vehicles	\$508	40.7%	0.28
92a	Federal government - civilian ³	\$8,112	-8.8%	0.80	485	Transit & ground passenger transportation	\$360	5.3%	0.46
311-2	Food products mfg.	\$7,684	0.9%	1.21	313-4	Textile & textile product mills mfg.	\$347	-27.5%	0.61
513	Broadcasting & telecommunications	\$7,594	58.0%	0.66	113-5	Forestry, fishing & related activities	\$314	25.7%	0.30
333	Machinery mfg.	\$6,872	-3.9%	1.65	512	Motion picture & sound recording industries	\$310	-31.0%	0.15
331	Primary metals mfg.	\$6,396	-52.5%	3.26	315	Apparel mfg.	\$237	103.3%	0.50
484	Truck transportation	\$6,214	25.1%	1.48	486	Pipeline transportation	\$153	67.5%	0.33
532-3	Rental & leasing svcs., leasing intangible assets	\$5,658	2.4%	0.86	483	Water transportation	\$121	0.0%	0.26

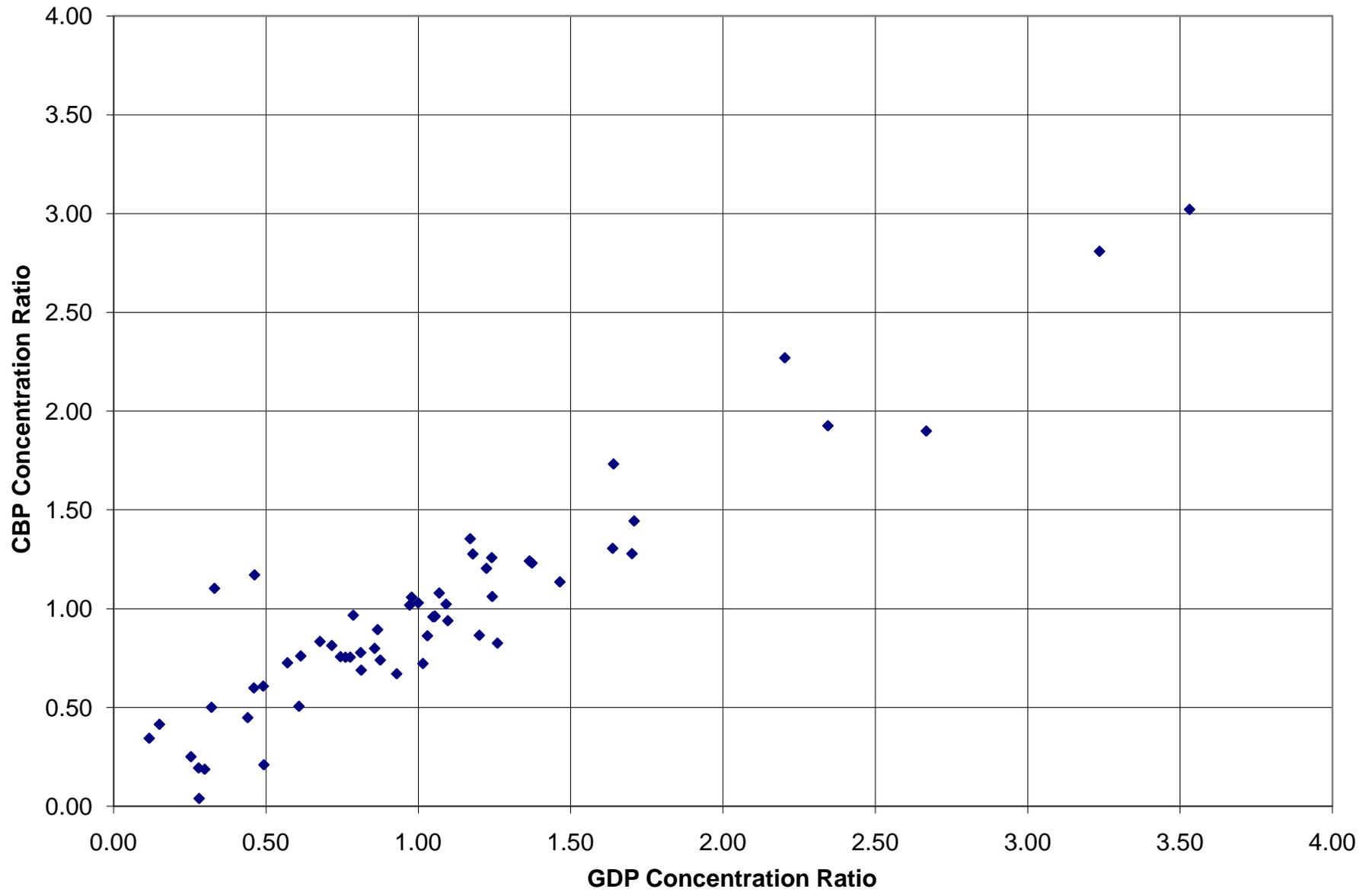
Notes: ^ - based on current dollars; * - based on chained dollars standardized on 2005; 1 - leather and allied products included but not separately shown; 2 - excludes Postal Service; 3 - includes Postal Service.

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

Source: U.S. Bureau Economic Analysis (2010).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 11/10).

The Association of GDP and CBP Concentration Ratios in Ohio, 2008



Sources: U.S. Census Bureau, BEA

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

NAICS Codes	Industry Titles	GDP [^] , 2008			CBP Employment, 2008		
		(current, in millions)		Ohio::U.S. Concentration Ratio*	Ohio	U.S.	Ohio::U.S. Concentration Ratio*
		Ohio	U.S.				
11-81	Private industries*	\$419,737	\$12,423,819	1.00	4,728,416	120,903,551	1.00
113-5	Forestry, fishing & related activities	\$314	\$31,115	0.30	1,219	167,039	0.19
211	Oil & gas extraction	\$804	\$203,751	0.12	1,439	107,100	0.34
212	Mining, except oil & gas	\$940	\$48,784	0.57	5,834	205,652	0.73
213	Support activities for mining	\$515	\$54,650	0.28	2,390	316,519	0.19
22	Utilities	\$9,213	\$255,205	1.07	26,974	639,403	1.08
23	Construction	\$16,434	\$639,322	0.76	207,520	7,043,631	0.75
321	Wood products mfg.	\$918	\$26,768	1.02	13,870	491,280	0.72
327	Nonmetallic mineral products mfg.	\$2,338	\$40,511	1.71	25,746	456,083	1.44
331	Primary metals mfg.	\$6,396	\$58,509	3.24	47,447	431,956	2.81
332	Fabricated metal products mfg.	\$12,224	\$135,665	2.67	117,942	1,588,102	1.90
333	Machinery mfg.	\$6,872	\$123,983	1.64	77,873	1,149,654	1.73
334	Computer & electronic products mfg.	\$3,238	\$195,218	0.49	24,091	1,014,545	0.61
335	Electrical equipment & appliances mfg.	\$3,982	\$50,275	2.34	30,415	403,900	1.93
3361-3	Motor vehicles, bodies, trailers & parts mfg.	\$10,622	\$89,034	3.53	103,886	879,398	3.02
3364-9	Other transportation equipment mfg.	\$4,000	\$93,992	1.26	20,891	647,481	0.83
337	Furniture & related products mfg.	\$1,248	\$30,195	1.22	23,025	489,201	1.20
339	Miscellaneous mfg.	\$2,105	\$79,240	0.79	24,559	649,743	0.97
311-2	Food products mfg.	\$7,684	\$189,523	1.20	54,950	1,624,464	0.86
313-4	Textile & textile product mills mfg.	\$347	\$16,882	0.61	5,829	294,950	0.51
315	Apparel mfg.	\$237	\$14,227	0.49	1,361	166,357	0.21
322	Paper mfg.	\$2,361	\$59,725	1.17	21,858	412,912	1.35
323	Printing & related support activities mfg.	\$1,723	\$37,141	1.37	30,145	626,567	1.23
324	Petroleum & coal products mfg.	\$2,332	\$149,247	0.46	4,756	103,912	1.17
325	Chemical mfg.	\$8,475	\$212,805	1.18	40,465	810,788	1.28
326	Plastics & rubber products mfg.	\$4,964	\$66,699	2.20	72,964	822,126	2.27
42	Wholesale trade	\$29,245	\$821,029	1.05	232,035	6,165,204	0.96
44-45	Retail trade	\$30,825	\$865,962	1.05	585,496	15,614,757	0.96
481	Air transportation	\$1,573	\$57,309	0.81	13,071	485,710	0.69
483	Water transportation	\$121	\$14,118	0.25	675 ~	69,028	0.25
484	Truck transportation	\$6,214	\$125,592	1.46	63,344	1,426,866	1.14
485	Transit & ground passenger transportation	\$360	\$23,153	0.46	10,510	449,381	0.60
486	Pipeline transportation	\$153	\$13,685	0.33	1,732 ~	40,176	1.10
487-8, 492	Other transportation & support activities	\$3,658	\$98,728	1.10	46,434	1,264,962	0.94
493	Warehousing & storage	\$2,338	\$40,678	1.70	35,127	702,780	1.28
511	Publishing including software	\$4,302	\$145,510	0.88	30,621	1,059,123	0.74
512	Motion picture & sound recording industries	\$310	\$61,099	0.15	5,690	351,533	0.41

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

NAICS Codes	Industry Titles	GDP [^] , 2008			CBP Employment, 2008		
		(current, in millions)		Ohio::U.S. Concentration Ratio*	Ohio		Ohio::U.S. Concentration Ratio*
		Ohio	U.S.		Ohio	U.S.	
515-9	Broadcasting, Internet, data processing & related svcs.	\$8,628	\$415,892	0.61	60,136	2,023,578	0.76
521-2	Federal Reserve, credit intermediation, & related svcs.	\$20,413	\$486,280	1.24	128,467 ~	3,096,094	1.06
523	Securities, commodity contracts, investments	\$2,127	\$196,069	0.32	19,042	973,920	0.50
524	Insurance carriers & related activities	\$19,451	\$463,986	1.24	119,598	2,431,680	1.26
525	Funds, trusts & other financial vehicles	\$508	\$53,628	0.28	15 ~	9,922	0.04
531	Real estate	\$45,107	\$1,646,990	0.81	46,444	1,528,250	0.78
532-3	Rental & leasing svcs., leasing intangible assets	\$5,658	\$195,507	0.86	20,860	668,064	0.80
5411	Legal svcs.	\$4,794	\$209,579	0.68	39,057	1,198,520	0.83
5415	Computer systems design & related svcs.	\$5,325	\$169,652	0.93	34,702	1,324,734	0.67
5412-4, 6-9	Other professional, scientific & technical svcs.	\$18,132	\$691,344	0.78	162,418	5,509,593	0.75
55	Management of companies & enterprises	\$14,421	\$260,634	1.64	147,337	2,887,407	1.30
561	Administrative & support svcs.	\$13,078	\$375,881	1.03	332,320	9,857,294	0.86
562	Waste management & remediation svcs.	\$1,445	\$40,803	1.05	13,764	367,263	0.96
61	Educational svcs.	\$4,270	\$145,887	0.87	109,742	3,141,297	0.89
621	Ambulatory health care svcs.	\$17,912	\$485,922	1.09	235,400	5,886,549	1.02
622-3	Hospitals & nursing & residential care facilities	\$19,329	\$419,246	1.36	422,993	8,714,365	1.24
624	Social assistance	\$2,851	\$86,286	0.98	108,215	2,616,342	1.06
711-2	Performing arts, museums & related activities	\$1,811	\$74,886	0.72	18,622	585,690	0.81
713	Amusements, gambling & recreation	\$1,588	\$63,145	0.74	43,889	1,483,656	0.76
721	Accommodation	\$1,770	\$119,082	0.44	34,599	1,976,226	0.45
722	Food svcs. & drinking places	\$9,737	\$288,339	1.00	400,468	9,950,103	1.03
81	Other svcs., except government	\$11,998	\$365,477	0.97	216,973	5,452,603	1.02

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

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

Sources: U.S. Bureau of the Census (2010), U.S. Bureau of Economic Analysis (2010).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 12/10).

Table A16: Industry Group Employment Concentration Ratios: 2008 CBP Employment

2007 NAICS Code	Industry Titles	Ohio	U.S.	Ohio::U.S. Concentra- tion Ratio
-----	Total	4,728,416	120,903,551	1.00
1131	Timber tract operations	10 *	2,620	0.09 *
1132	Forest nurseries & gathering forest products	18	2,198	0.21
1133	Logging	328	56,493	0.15
1141	Fishing	5	5,600	0.02
1142	Hunting & trapping	10 *	1,881	0.13 *
1151	Crop production support activities	437 *	66,105	0.17 *
1152	Animal production support activities	389	20,468	0.49
1153	Forestry support activities	15	11,674	0.03
2111	Oil & gas extraction	1,439	107,100	0.34
2121	Coal mining	2,844	81,938	0.89
2122	Metal ore mining	7 *	33,344	0.01 *
2123	Nonmetallic mineral mining & quarrying	2,984	90,370	0.84
2131	Mining support activities	2,390	316,519	0.19
2211	Electric power generation, transmission & distribution	22,607	510,735	1.13
2212	Natural gas distribution	3,285 *	85,542	0.98 *
2213	Water, sewage & other systems	1,082	43,126	0.64
2361	Residential building construction	20,747	810,536	0.65
2362	Nonresidential building construction	26,263	743,023	0.90
2371	Utility system construction	13,586	548,381	0.63
2372	Land subdivision	1,272	66,683	0.49
2373	Highway, street & bridge construction	8,104	311,967	0.66
2379	Other heavy & civil engineering	1,204	67,835	0.45

Table A16: Industry Group Employment Concentration Ratios: 2008 CBP Employment

2007 NAICS Code	Industry Titles	Ohio	U.S.	Ohio::U.S. Concentra- tion Ratio
2381	Foundation, structure, & building exterior contractors	30,846	1,024,124	0.77
2382	Building equipment contractors	70,397	2,016,784	0.89
2383	Building finishing contractors	22,215	878,093	0.65
2389	Other specialty trade contractors	12,886	576,205	0.57
31-33	Manufacturing			
32p & 33	Durable goods			
3211	Sawmills & wood preservation	2,363	103,455	0.58
3212	Veneer, plywood & engineered wood product mfg.	1,714	95,159	0.46
3219	Other wood product mfg.	9,793	292,666	0.86
3271	Clay product & refractory mfg.	5,078	45,560	2.85
3272	Glass & glass product mfg.	7,723	100,034	1.97
3273	Cement & concrete product mfg.	6,626	213,154	0.79
3274	Lime & gypsum product mfg.	793 *	16,199	1.25 *
3279	Other nonmetallic mineral product mfg.	5,526	81,136	1.74
3311	Iron & steel mills & ferroalloy mfg.	17,347	109,584	4.05
3312	Steel product mfg. from purchased steel	4,364	43,378	2.57
3313	Alumina & aluminum production & processing	3,995	61,633	1.66
3314	Nonferrous (exc. aluminum) production & processing	4,485	65,343	1.76
3315	Foundries	17,256	152,018	2.90
3321	Forging & stamping	15,606	127,251	3.14
3322	Cutlery & handtool mfg.	4,616	51,193	2.31
3323	Architectural & structural metals mfg.	17,955	404,579	1.13
3324	Boiler, tank & shipping container mfg.	6,324	91,448	1.77
3325	Hardware mfg.	2,438	38,997	1.60
3326	Spring & wire product mfg.	3,370	50,033	1.72
3327	Machine shops, turn products, screw, nut & bolt mfg.	32,746	401,147	2.09

Table A16: Industry Group Employment Concentration Ratios: 2008 CBP Employment

2007 NAICS Code	Industry Titles	Ohio	U.S.	Ohio::U.S. Concentra- tion Ratio
3328	Coating, engrave, heat treating & other activity	12,982	137,185	2.42
3329	Other fabricated metal product mfg.	21,905	286,269	1.96
3331	Agricultural, construction & mining machinery mfg.	5,725	209,364	0.70
3332	Industrial machinery mfg.	9,100	128,348	1.81
3333	Commercial & service industry machinery mfg.	4,278	88,808	1.23
3334	HVAC & commercial refrigeration equipment mfg.	7,234	149,126	1.24
3335	Metalworking machinery mfg.	20,613	165,650	3.18
3336	Engine, turbine & power transmission equipment mfg.	5,095	109,924	1.19
3339	Other general purpose machinery mfg.	25,828	298,434	2.21
3341	Computer & peripheral equipment mfg.	1,437	91,398	0.40
3342	Communications equipment mfg.	1,268 *	120,499	0.27 *
3343	Audio & video equipment mfg.	409	14,095	0.74
3344	Semiconductor & other electronic component mfg.	7,179	351,191	0.52
3345	Navigation, measuring, medical, control instruments mfg.	13,425	410,842	0.84
3346	Mfg. & reproducing magnetic & optical media	373	26,520	0.36
3351	Electric lighting equipment mfg.	3,921	55,297	1.81
3352	Household appliance mfg.	11,991	58,282	5.26
3353	Electrical equipment mfg.	7,451	136,747	1.39
3359	Other electrical equipment & component mfg.	7,052	153,574	1.17
3361	Motor vehicle mfg.	22,382	182,072	3.14
3362	Motor vehicle body & trailer mfg.	5,752	136,404	1.08
3363	Motor vehicle parts mfg.	75,752	560,922	3.45
3364	Aerospace product & parts mfg.	15,767	415,281	0.97
3365	Railroad rolling stock mfg.	563	31,179	0.46
3366	Ship & boat building	648	157,512	0.11
3369	Other transportation equipment mfg.	3,313	43,509	1.95
3371	Household & institutional furniture & kitchen cabinet mfg.	17,460	306,773	1.46

Table A16: Industry Group Employment Concentration Ratios: 2008 CBP Employment

2007 NAICS Code	Industry Titles	Ohio	U.S.	Ohio::U.S. Concentra- tion Ratio
3372	Office furniture (including fixtures) mfg.	4,679	141,183	0.85
3379	Other furniture related product mfg.	886	41,245	0.55
3391	Medical equipment & supplies mfg.	10,337	309,940	0.85
3399	Other miscellaneous mfg.	14,222	339,803	1.07
31 & 32p	Nondurable goods			
3111	Animal food mfg.	2,385	50,957	1.20
3112	Grain & oilseed milling	2,168	58,431	0.95
3113	Sugar & confectionery product mfg.	1,985	68,912	0.74
3114	Fruit & veg preserving & specialty food mfg.	10,732	165,116	1.66
3115	Dairy product mfg.	4,558	134,221	0.87
3116	Animal slaughtering & processing	8,882	501,386	0.45
3117	Seafood product preparation & packaging	9 *	33,323	0.01 *
3118	Bakeries & tortilla mfg.	12,978	286,970	1.16
3119	Other food mfg.	7,296	168,142	1.11
3121	Beverage mfg.	3,957	138,209	0.73
3122	Tobacco mfg.	0	18,797	0.00
3131	Fiber, yarn & thread mills	24 *	39,824	0.02 *
3132	Fabric mills	1,297	66,863	0.50
3133	Textile, fabric finishing, fabric coating mills	1,009	42,020	0.61
3141	Textile furnishings mills	1,415	70,966	0.51
3149	Other textile product mills	2,084	75,277	0.71
3151	Apparel knitting mills	5 *	19,648	0.01 *
3152	Cut & sew apparel mfg.	1,233	133,463	0.24
3159	Apparel accessories & other apparel mfg.	123 *	13,246	0.24 *
3161	Leather & hide tanning & finishing	56 *	4,861	0.29 *
3162	Footwear mfg.	10 *	12,700	0.02 *
3169	Other leather & allied product mfg.	1,249	15,179	2.10

Table A16: Industry Group Employment Concentration Ratios: 2008 CBP Employment

2007 NAICS Code	Industry Titles	Ohio	U.S.	Ohio::U.S. Concentra- tion Ratio
3221	Pulp, paper & paperboard mills	3,485	123,368	0.72
3222	Converted paper product mfg.	18,373	289,544	1.62
3231	Printing & related support activities	30,145	626,567	1.23
3241	Petroleum & coal products	4,756	103,912	1.17
3251	Basic chemical mfg.	8,189	164,925	1.27
3252	Resin, synthetic rubber, artificial & synthetic fibers, filling mfg.	5,986	99,413	1.54
3253	Pesticide, fertilizer & other agricultural chemical mfg.	1,092	29,857	0.94
3254	Pharmaceutical & medicine mfg.	4,020	253,332	0.41
3255	Paint, coating & adhesive mfg.	8,136	62,787	3.31
3256	Soap, cleaners & toilet preparation mfg.	6,739	105,395	1.63
3259	Other chemical product & preparation mfg.	6,303	95,079	1.70
3261	Plastics product mfg.	54,459	675,817	2.06
3262	Rubber product mfg.	18,505	146,309	3.23
4231	Motor vehicles, parts & supply merchant whsle.	19,377	394,728	1.26
4232	Furniture & home furnishing merchant whsle.	4,775	168,710	0.72
4233	Lumber & other construction materials merchant whsle.	7,894	255,652	0.79
4234	Professional & commercial equip & supp merchant whsle.	26,601	723,620	0.94
4235	Metal & mineral (exc. petroleum) merchant whsle.	10,551	168,663	1.60
4236	Electrical & electronic goods merchant whsle.	15,091	509,801	0.76
4237	Hardware, plumb & heating equipment & supplies merchant whsle.	11,087	244,212	1.16
4238	Machinery, equipment & supplies merchant whsle.	34,951	738,104	1.21
4239	Miscellaneous durable goods merchant whsle.	13,968	349,038	1.02
4241	Paper & paper product merchant whsle.	7,798	171,096	1.17
4242	Drugs & druggists' sundries merchant whsle.	7,068	273,745	0.66
4243	Apparel, piece goods & notions merchant whsle.	3,154	210,645	0.38
4244	Grocery & related product merchant whsle.	27,862	795,690	0.90

Table A16: Industry Group Employment Concentration Ratios: 2008 CBP Employment

2007 NAICS Code	Industry Titles	Ohio	U.S.	Ohio::U.S. Concentra- tion Ratio
4245	Farm product raw material merchant whsle.	2,432	61,112	1.02
4246	Chemical & allied products merchant whsle.	6,879	150,473	1.17
4247	Petroleum & petroleum products merchant whsle.	2,901	104,970	0.71
4248	Beer, wine, distilled alcoholic beverage merchant whsle.	5,745	183,910	0.80
4249	Miscellaneous nondurable goods merchant whsle.	11,999	361,768	0.85
4251	Wholesale electronic markets, agents & brokers	11,902	299,267	1.02
4411	Automobile dealers	48,680	1,253,716	0.99
4412	Other motor vehicle dealers	5,222	164,873	0.81
4413	Automotive parts, accessories & tire stores	17,591	465,879	0.97
4421	Furniture stores	9,149	252,530	0.93
4422	Home furnishings stores	8,386	280,566	0.76
4431	Electronics & appliance stores	16,370	464,927	0.90
4441	Building material & supplies dealers	42,839	1,170,974	0.94
4442	Lawn & garden equip & supplies stores	6,317	163,567	0.99
4451	Grocery stores	89,368	2,570,754	0.89
4452	Specialty food stores	5,407	145,236	0.95
4453	Beer, wine & liquor stores	4,129	145,864	0.72
4461	Health & personal care stores	42,424	1,025,095	1.06
4471	Gasoline stations	35,766	896,590	1.02
4481	Clothing stores	38,125	1,287,189	0.76
4482	Shoe stores	6,254	208,175	0.77
4483	Jewelry, luggage & leather goods stores	5,479	152,786	0.92
4511	Sporting goods, hobby, musical instrument stores	15,178	431,849	0.90
4512	Book, periodical & music stores	5,516	186,160	0.76
4521	Department stores	49,220	1,292,007	0.97
4529	Other general merchandise stores	70,708	1,685,380	1.07

Table A16: Industry Group Employment Concentration Ratios: 2008 CBP Employment

2007 NAICS Code	Industry Titles	Ohio	U.S.	Ohio::U.S. Concentra- tion Ratio
4531	Florists	3,868	89,741	1.10
4532	Office supplies, stationery & gift stores	10,669	304,985	0.89
4533	Used merchandise stores	5,982	134,683	1.14
4539	Other miscellaneous store retailers	9,946	249,578	1.02
4541	Electronic shopping & mail-order houses	21,432	332,405	1.65
4542	Vending machine operators	5,417	47,194	2.93
4543	Direct selling establishments	6,054	212,054	0.73
4811	Scheduled air transportation	6,663	445,300	0.38
4812	Nonscheduled air transportation	6,408	40,410	4.05
4831	Deep sea, coastal & Great Lakes water transportation	665 *	49,400	0.34 *
4832	Inland water transportation	105	19,628	0.14
4841	General freight trucking	46,603	947,221	1.26
4842	Specialized freight trucking	16,741	479,645	0.89
4851	Urban transit systems	787 *	47,785	0.42 *
4852	Interurban & rural bus transportation	280 *	15,016	0.48 *
4853	Taxi & limousine service	1,216	71,025	0.44
4854	School & employee bus transportation	4,582	219,610	0.53
4855	Charter bus industry	1,029	30,693	0.86
4859	Other transit & ground passenger transportation	2,616	65,252	1.03
4861	Pipeline transportation of crude oil	333 *	6,128	1.39 *
4862	Pipeline transportation of natural gas	666 *	24,009	0.71 *
4869	Other pipeline transportation	277	10,039	0.71
4871	Scenic & sightseeing transportation, land	138	9,565	0.37
4872	Scenic & sightseeing transportation, water	80	11,388	0.18
4879	Scenic & sightseeing transportation, other	0	2,086	0.00
4881	Air transportation support activities	3,147	174,356	0.46

Table A16: Industry Group Employment Concentration Ratios: 2008 CBP Employment

2007 NAICS Code	Industry Titles	Ohio	U.S.	Ohio::U.S. Concentra- tion Ratio
4882	Rail transportation support activities	1,283	25,802	1.27
4883	Water transportation support activities	945	93,712	0.26
4884	Road transportation support activities	2,553	78,043	0.84
4885	Freight transportation arrangement	8,878	246,104	0.92
4889	Other transportation support activities	1,035	27,637	0.96
4921	Couriers	27,335	559,131	1.25
4922	Local messengers & local delivery	1,400	37,138	0.96
4931	Warehousing & storage	35,127	702,780	1.28
5111	Newspaper, periodical, book, database publishers	25,127	672,717	0.96
5112	Software publishers	5,494	386,406	0.36
5121	Motion picture & video industries	5,425	327,270	0.42
5122	Sound recording industries	265	24,263	0.28
5151	Radio & television broadcasting (exc. Internet)	7,779	250,312	0.79
5152	Cable & other subscription programming (exc. Internet)	171	41,244	0.11
5171	Wired telecommunications carriers	26,534	844,008	0.80
5172	Wireless telecommunications carriers (exc. satellite)	6,831	286,323	0.61
5174	Satellite communications	769	9,920	1.98
5179	Other telecommunications	1,396	60,228	0.59
5182	Data processing, hosting & related services	10,566	391,955	0.69
5191	Other information services	6,090	139,588	1.12
5211	Monetary authorities - central bank	1,339 *	19,031	1.80 *
5221	Depository credit intermediation	91,547	2,134,648	1.10
5222	Nondepository credit intermediation	23,695	645,206	0.94
5223	Activities related to credit intermediation	11,886	297,209	1.02
5231	Security & commodity contracts intermediation & brokerage	11,470	533,718	0.55

Table A16: Industry Group Employment Concentration Ratios: 2008 CBP Employment

2007 NAICS Code	Industry Titles	Ohio	U.S.	Ohio::U.S. Concentra- tion Ratio
5232	Securities & commodity exchanges	2 *	7,958	0.01 *
5239	Other financial investment activities	7,570	432,244	0.45
5241	Insurance carriers	85,500	1,518,138	1.44
5242	Agencies & other insurance related activities	34,098	913,542	0.95
5259	Other investment pools & funds	15 *	9,922	0.04 *
5311	Lessors of real estate	19,061	539,871	0.90
5312	Offices of real estate agents & brokers	7,246	342,332	0.54
5313	Activities related to real estate	20,137	646,047	0.80
5321	Automotive equipment rental & leasing	6,128	191,230	0.82
5322	Consumer goods rental	8,928	236,626	0.96
5323	General rental centers	1,331	43,455	0.78
5324	Commercial, industrial equipment rental & leasing	3,628	164,747	0.56
5331	Lessors of other nonfinancial intangible asset	845	32,006	0.68
5411	Legal services	39,057	1,198,520	0.83
5412	Accounting, tax preparation, bookkeeping, payroll services	38,244	1,318,523	0.74
5413	Architectural, engineering & related services	45,157	1,457,812	0.79
5414	Specialized design services	4,702	130,370	0.92
5415	Computer systems design & related services	34,702	1,324,734	0.67
5416	Management, scientific & technical consulting services	22,640	869,632	0.67
5417	Scientific research & development services	17,378	633,928	0.70
5418	Advertising & related services	11,573	479,461	0.62
5419	Other professional, scientific, technical service	22,724	619,867	0.94
5511	Management of companies & enterprises	147,337	2,887,407	1.30

Table A16: Industry Group Employment Concentration Ratios: 2008 CBP Employment

2007 NAICS Code	Industry Titles	Ohio	U.S.	Ohio::U.S. Concentra- tion Ratio
5611	Office administrative services	14,187	448,438	0.81
5612	Facilities support services	4,963	250,865	0.51
5613	Employment services	172,145	5,230,878	0.84
5614	Business support services	35,687	828,173	1.10
5615	Travel arrangement & reservation services	5,066	259,310	0.50
5616	Investigation & security services	23,002	831,834	0.71
5617	Services to buildings & dwellings	63,510	1,701,955	0.95
5619	Other support services	13,760	305,841	1.15
5621	Waste collection	7,477	195,111	0.98
5622	Waste treatment & disposal	2,331	50,315	1.18
5629	Remediation & other waste management services	3,956	121,837	0.83
6111	Elementary & secondary schools	31,641	842,574	0.96
6112	Junior colleges	3,201	82,835	0.99
6113	Colleges, universities & professional schools	57,368	1,622,296	0.90
6114	Business schools & computer & management training	2,218	69,135	0.82
6115	Technical & trade schools	3,902	124,798	0.80
6116	Other schools & instruction	8,327	318,601	0.67
6117	Educational support services	3,085	81,058	0.97
6211	Offices of physicians	84,306	2,173,263	0.99
6212	Offices of dentists	31,046	835,884	0.95
6213	Offices of other health practitioners	26,009	637,586	1.04
6214	Outpatient care centers	25,657	682,717	0.96
6215	Medical & diagnostic laboratories	9,781	242,315	1.03
6216	Home health care services	46,106	1,035,119	1.14
6219	Other ambulatory health care services	12,495	279,665	1.14

Table A16: Industry Group Employment Concentration Ratios: 2008 CBP Employment

2007 NAICS Code	Industry Titles	Ohio	U.S.	Ohio::U.S. Concentra- tion Ratio
6221	General medical & surgical hospitals	248,626	5,133,837	1.24
6222	Psychiatric & substance abuse hospitals	5,634	213,531	0.67
6223	Other specialty hospitals	6,742	237,791	0.72
6231	Nursing care facilities	88,107	1,587,187	1.42
6232	Residential mental retardation, health facilities	26,052	611,594	1.09
6233	Community care facilities for the elderly	43,851	778,707	1.44
6239	Other residential care facilities	3,981	151,718	0.67
6241	Individual & family services	46,310	1,235,841	0.96
6242	Community, emergency & other relief services	5,765	170,829	0.86
6243	Vocational rehabilitation services	23,832	325,437	1.87
6244	Child day care services	32,308	884,235	0.93
7111	Performing arts companies	3,682	131,290	0.72
7112	Spectator sports	4,493	127,266	0.90
7113	Promoters of entertainment events	3,315	129,833	0.65
7114	Agents, managers for artists & other public figures	329	18,856	0.45
7115	Independent artists, writers & performers	616	44,979	0.35
7121	Museums, historical sites & like institutions	6,187	133,466	1.19
7131	Amusement parks & arcades	3,019	142,442	0.54
7132	Gambling industries	129	174,267	0.02
7139	Other amusement & recreation industries	40,741	1,166,947	0.89
7211	Traveler accommodation	33,179	1,925,840	0.44
7212	RV parks & recreational camps	854	39,550	0.55
7213	Rooming & boarding houses	566	10,836	1.34
7221	Full-service restaurants	185,438	4,707,921	1.01
7222	Limited-service eating places	181,119	4,225,050	1.10

Table A16: Industry Group Employment Concentration Ratios: 2008 CBP Employment

2007 NAICS Code	Industry Titles	Ohio	U.S.	Ohio::U.S. Concentra- tion Ratio
7223	Special food services	19,196	660,719	0.74
7224	Drinking places (alcoholic beverages)	14,715	356,413	1.06
8111	Automotive repair & maintenance	32,479	866,431	0.96
8112	Electronic & precision equipment repair & maintenance	4,697	123,701	0.97
8113	Commercial equipment (exc. auto & electric) repair & maintenance	8,911	199,316	1.14
8114	Personal & household goods repair & maintenance	2,659	82,143	0.83
8121	Personal care services	29,902	637,221	1.20
8122	Death care services	7,535	135,786	1.42
8123	Drycleaning & laundry services	12,560	331,168	0.97
8129	Other personal services	7,649	264,247	0.74
8131	Religious organizations	67,199	1,699,238	1.01
8132	Grantmaking & giving services	5,375	191,647	0.72
8133	Social advocacy organizations	3,346	139,848	0.61
8134	Civic & social organizations	13,660	262,578	1.33
8139	Business, labor, political, like organizations	21,001	519,279	1.03

Notes: exc. - except; mfg. - manufacturing; mgt. - management; whsle. - wholesale; * - estimated. Data not reported for NAICS codes: 5161 - Internet publishing & broadcasting, 5173 - Telecommunications resellers, 5175 - Cable & other program distribution, 5181 - Internet service providers & web search portals, and 5251 - Insurance & employee benefit funds.

Source: U.S. Bureau of the Census (2010).

Prepared by: Policy Research & Strategic Planning, Ohio Dept. of Development. Telephone 800/848-1300, or 614/466-2116 (DL, 12/10).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table A20: Association of Ohio and U.S. Percentage Changes in Gross Domestic Product by Industry, 1999-2008 (chained 2005 dollars)

1997 NAICS Codes	Industry Titles	Ohio			U.S.		
		Real GDP (millions)		Percent Change 1999-2008	Real GDP (millions)		Percent Change 1999-2008
		1999	2008		1999	2008	
11-92	All Industries	\$418,172	\$441,778	5.6%	\$10,767,500	\$13,181,900	22.4%
111-12	Crop & animal production (farms)	\$1,417	\$2,264	59.8%	\$72,759	\$103,413	42.1%
113-15	Forestry, fishing & related activities	\$226	\$284	25.7%	\$20,102	\$28,172	40.1%
211	Oil & gas extraction	\$1,410	\$515	-63.5%	\$222,645	\$130,535	-41.4%
212	Mining, exc. oil & gas	\$1,351	\$611	-54.8%	\$45,674	\$31,694	-30.6%
213	Support activities for mining	\$121	\$325	168.6%	\$19,351	\$34,531	78.4%
22	Utilities	\$9,250	\$7,986	-13.7%	\$215,492	\$221,214	2.7%
23	Construction	\$23,758	\$14,185	-40.3%	\$634,355	\$551,807	-13.0%
321	Wood products	\$1,132	\$1,231	8.7%	\$32,666	\$35,883	9.8%
327	Nonmetallic mineral products	\$3,555	\$2,177	-38.8%	\$46,258	\$37,714	-18.5%
331	Primary metals	\$9,297	\$4,418	-52.5%	\$63,915	\$40,414	-36.8%
332	Fabricated metal products	\$10,796	\$11,400	5.6%	\$122,648	\$126,517	3.2%
333	Machinery	\$7,035	\$6,762	-3.9%	\$110,848	\$121,983	10.0%
334	Computer & electronic products	\$938	\$4,531	383.0%	\$51,137	\$273,215	434.3%
335	Electrical equipment & appliances	\$3,693	\$3,659	-0.9%	\$40,390	\$46,194	14.4%
3361-63	Motor vehicles, bodies, trailers & parts	\$12,728	\$13,440	5.6%	\$89,978	\$112,649	25.2%
3364-69	Other transportation equipment	\$3,901	\$3,866	-0.9%	\$82,349	\$90,848	10.3%
337	Furniture & related products	\$1,570	\$1,182	-24.7%	\$34,566	\$28,611	-17.2%
339	Miscellaneous mfg.	\$1,931	\$2,072	7.3%	\$55,685	\$77,989	40.1%
311-12	Food products	\$7,616	\$7,685	0.9%	\$176,980	\$189,548	7.1%
313-14	Textile & textile product mills	\$465	\$337	-27.5%	\$26,948	\$16,382	-39.2%
315	Apparel	\$120	\$244	103.3%	\$19,423	\$14,684	-24.4%
322	Paper	\$2,653	\$2,003	-24.5%	\$62,205	\$50,681	-18.5%
323	Printing & related support activities	\$1,825	\$1,732	-5.1%	\$36,996	\$37,334	0.9%
324	Petroleum & coal products	\$1,769	\$1,928	9.0%	\$69,724	\$123,377	77.0%
325	Chemical	\$7,684	\$7,308	-4.9%	\$169,477	\$183,518	8.3%
326	Plastics & rubber products	\$6,113	\$4,500	-26.4%	\$65,414	\$60,464	-7.6%
42	Wholesale trade	\$21,820	\$27,138	24.4%	\$566,331	\$761,869	34.5%
44-45	Retail trade	\$30,002	\$29,281	-2.4%	\$723,262	\$822,572	13.7%
481	Air transportation	\$717	\$1,543	115.2%	\$40,402	\$56,218	39.1%

Table A20: Association of Ohio and U.S. Percentage Changes in Gross Domestic Product by Industry, 1999-2008 (chained 2005 dollars)

1997 NAICS Codes	Industry Titles	Ohio			U.S.		
		Real GDP (millions)		Percent Change 1999-2008	Real GDP (millions)		Percent Change 1999-2008
		1999	2008		1999	2008	
482	Rail transportation	\$1,040	\$881	-15.3%	\$25,726	\$24,627	-4.3%
483	Water transportation	\$180	\$180	0.0%	\$5,783	\$20,986	262.9%
484	Truck transportation	\$5,078	\$6,353	25.1%	\$102,960	\$128,420	24.7%
485	Transit & ground passenger transportation	\$321	\$338	5.3%	\$20,529	\$21,736	5.9%
486	Pipeline transportation	\$77	\$129	67.5%	\$7,651	\$11,583	51.4%
487-88, 92	Other transportation & support activities	\$2,861	\$3,340	16.7%	\$69,810	\$90,138	29.1%
493	Warehousing & storage	\$1,101	\$2,137	94.1%	\$26,255	\$37,177	41.6%
511	Publishing including software	\$3,654	\$4,225	15.6%	\$132,540	\$142,906	7.8%
512	Motion picture & sound recording industries	\$423	\$292	-31.0%	\$57,738	\$57,423	-0.5%
513	Broadcasting & telecommunications	\$5,097	\$8,055	58.0%	\$199,927	\$365,574	82.9%
514	Information & data processing services	\$705	\$1,125	59.6%	\$29,304	\$77,530	164.6%
521-22	Fed. reserve banks, credit intermediation & related svcs.	\$14,513	\$19,156	32.0%	\$361,754	\$456,329	26.1%
523	Securities, commodity contracts, investments	\$1,389	\$1,737	25.1%	\$93,000	\$160,093	72.1%
524	Insurance carriers & related activities	\$13,060	\$18,883	44.6%	\$293,989	\$450,425	53.2%
525	Funds, trusts & other financial vehicles	\$381	\$536	40.7%	\$20,982	\$56,575	169.6%
531	Real estate	\$41,049	\$41,738	1.7%	\$1,213,870	\$1,523,950	25.5%
532-33	Rental & leasing services & lessors of intangible assets	\$5,101	\$5,221	2.4%	\$156,420	\$180,420	15.3%
5411	Legal services	\$4,872	\$4,008	-17.7%	\$169,116	\$175,226	3.6%
5415	Computer systems design & related services	\$2,851	\$5,287	85.4%	\$94,214	\$168,440	78.8%
5412-4, 6-9	Other professional, scientific & technical services	\$13,483	\$16,171	19.9%	\$452,001	\$616,550	36.4%
55	Management of companies & enterprises	\$9,683	\$12,283	26.9%	\$203,481	\$221,996	9.1%
561	Administrative & support services	\$10,126	\$12,433	22.8%	\$262,362	\$357,343	36.2%
562	Waste management & remediation services	\$1,310	\$1,338	2.1%	\$30,850	\$37,803	22.5%
61	Educational services	\$3,475	\$3,683	6.0%	\$113,789	\$125,822	10.6%
621	Ambulatory health care services	\$12,515	\$16,689	33.4%	\$315,239	\$452,741	43.6%
622-23	Hospitals & nursing & residential care facilities	\$15,527	\$17,561	13.1%	\$318,980	\$380,893	19.4%
624	Social assistance	\$1,862	\$2,586	38.9%	\$59,685	\$78,288	31.2%
711-12	Performing arts, museums & related activities	\$1,831	\$1,634	-10.8%	\$56,066	\$67,556	20.5%
713	Amusements, gambling & recreation	\$1,710	\$1,497	-12.5%	\$54,661	\$59,545	8.9%
721	Accommodation	\$1,615	\$1,628	0.8%	\$95,870	\$109,567	14.3%

Table A20: Association of Ohio and U.S. Percentage Changes in Gross Domestic Product by Industry, 1999-2008 (chained 2005 dollars)

1997 NAICS Codes	Industry Titles	Ohio			U.S.		
		Real GDP (millions)		Percent Change 1999-2008	Real GDP (millions)		Percent Change 1999-2008
		1999	2008		1999	2008	
722	Food services & drinking places	\$8,295	\$8,779	5.8%	\$218,317	\$259,965	19.1%
81	Other services, exc. government	\$12,918	\$10,669	-17.4%	\$341,305	\$324,990	-4.8%
92a	Civilian (inc. Postal Service)	\$8,102	\$7,390	-8.8%	\$276,793	\$277,235	0.2%
92b	Military	\$1,755	\$2,036	16.0%	\$131,647	\$152,220	15.6%
92c	State & local	\$38,375	\$38,174	-0.5%	\$1,003,960	\$1,132,050	12.8%

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

Sources: Downey and Aman (2006), U.S. Bureau of Economic Analysis (2010), Woodruff, et.al. (2006).

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NOTES

- 1 The choice of beginning and end points for a period can affect how changes during that time are viewed. What looks like a trend with one set of points for one time period may appear as a random fluctuation with another set of points for another, overlapping time period. This is especially true when the time periods are short. Caution is therefore warranted when trying to interpret any of the changes mentioned in this report.
- 2 The CIA offers two measures of countries Gross Domestic Products (GDPs) – one based on Purchasing Power Parity (PPP), and the other based on Official Exchange Rates (OERs). It believes that the PPP data “probably provide the best available starting point for comparisons of economic strength and well-being between countries” because the OER “method involves a variety of international and domestic financial forces that may not capture the value of domestic output” (CIA, 2010). However, while “PPP estimates for OECD [Organization of Economic Cooperation and Development] countries are quite reliable, PPP estimates for developing countries are often rough approximations” (CIA, 2010). (Not every country formally participates in the World Bank’s PPP project. Furthermore, there may be a relative lack of comparable price information between the U.S and another country. For example, what are the prices in America for oxcarts and non-U.S. military equipment?) “Most of the GDP estimates for developing countries are based on extrapolation of PPP number published by the UN International Comparison Program (UNICP) and by Professors Robert Summers and Alan Heston of the University of Pennsylvania and their colleagues” (CIA, 2010). See the CIA (2010) and OECD (2010) websites for more technical and detailed discussions of the subjects.
- 3 Table A15 and the related graph illustrate the strong association between GDP and County Business Patterns employment concentration ratios in 2008. The strength of these associations means that the County Business Patterns concentration ratios *for industry groups* shown in Table A16 generally are good proxies for GDP data in specifying our understanding of sectors and major industries concentrated in Ohio. They also may point to groups that are exceptions in sectors and major industries not concentrated here.
- 4 Similarly, manufacturing products made from leather (except footwear) is concentrated in Ohio, but the production of leather itself is not (U.S. Bureau of the Census, 2010a). GDP data for the leather industry (316) are not available.
- 5 Although Ohio has 4.7 percent of the country’s coal reserves, only 2.2 percent of the coal extracted in 2008 came from mines in Ohio. Ohio ranked 7th in the former and 8th in the latter (U.S. Bureau of the Census, 2009: tables 885 & 886).

- 6 This is due to “an imputation for the rental value of owner-occupied housing. The Bureau of Economic Analysis (BEA) treats homeowners as businesses, which pay rent to themselves. Therefore, homeowners contribute to the real estate industry’s Gross Domestic Product even if not employed by the industry. In addition, like businesses, homeowners’ property taxes paid to state and local governments are included as part of taxes on production and imports (TOPI) for the real estate industry” (U.S. BEA, 2010).
- 7 County Business Patterns data are now published under the 2007 NAICS, while BEA GDP data are still published under the 1997 NAICS. That is why the graph on page 38 shows data for NAICS 513 and 514 while table A16, page 93, shows data for NAICS 515, 517, 518 and 519.
- 8 Three points are relevant in understanding these figures: 1) the total percentage change for a multi-year period is not the arithmetic sum of the percentage changes for sub-sets of years within that period – such a practice mistakenly ignores the intrinsic compounding over the course of all years in the period; 2) the recession of 2001 was short and mild, making the annual figure for the country look only like slow growth for the year; and 3) the more recent the year, the more likely the figures for that year will be revised.
- 9 It should be noted that the BEA also changed how it calculated state GDP at the same time it switched to the NAICS. This could have affected the figures for Ohio.
- 10 The charts cover all aspects of each economy without the duplication that would occur if higher summary levels were included. In other words, data for sectors are presented only if lower level data are not available – for example, utilities and construction. If industry group data are available, such as in the transportation and professional-scientific-technical sectors, then the major industry summary is not shown.
- 11 Economic forecasts are often imprecise due to any number of factors. These include, but are not limited to: the impact of unforeseeable events, our incomplete understanding of the economy, lack of complete data, and assumptions about the economy that may not be entirely justified.

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