

UNIVERSITY OF KANSAS

Office of Institutional Research and Planning

4/08

TABLE 7-400
EXPENDITURES FOR SEPARATELY BUDGETED RESEARCH, TRAINING AND OTHER
BY SOURCE OF FUNDS
FISCAL YEAR 1987-2007
 University of Kansas
 Lawrence and Medical Center

<u>Fiscal Year</u>	<u>Federal Government</u>	<u>Private Industry</u>	<u>State/Local and Institutional</u>	<u>Nonprofit Foundations and Other</u>	<u>Total</u>
1987	\$ 29,764,860	\$ 3,380,437	\$ 24,813,054	\$ 2,266,960	\$ 60,225,311
1988	32,258,983	3,019,126	25,698,553	2,134,404	63,111,066
1989	34,265,945	2,945,435	30,069,139	2,279,687	69,560,206
1990	35,100,825	4,626,504	32,547,445	2,533,205	74,807,979
1991	35,512,461	4,434,908	37,599,123	3,463,164	81,009,656
1992	41,923,868	5,150,898	40,449,949	3,995,843	91,520,558
1993	49,110,000	4,181,000	43,658,000	5,792,000	102,741,000
1994	52,307,000	4,685,000	50,994,000	7,429,000	115,415,000
1995	56,328,119	8,501,725	52,027,775	6,679,932	123,537,551
1996 rev.	55,599,509	10,428,017	51,079,655	6,896,460	124,003,641
1997 rev.	62,682,872	9,708,023	54,110,062	7,542,565	134,043,522
1998	64,878,000	10,439,000	57,071,000	14,678,000	147,066,000
1999	72,154,000	19,753,000	60,640,000	15,028,000	167,575,000
2000	91,864,000	15,954,000	70,728,000	14,612,000	193,158,000
2001	101,248,000	5,713,000	93,750,000	23,311,000	224,022,000
2002	114,683,000	7,103,000	105,584,000	15,483,000	242,853,000
2003	133,309,000	6,655,000	103,780,000	14,162,000	257,906,000
2004	155,158,000	5,343,000	99,675,000	13,675,000	273,851,000
2005	162,427,000	6,362,000	100,529,000	11,676,000	280,995,000
2006	171,933,000	7,824,000	100,132,000	12,372,000	292,261,000
2007	163,758,596	8,188,042	102,429,012	14,378,526	288,754,176

Notes: Does not include sponsored student financial aid programs.

FY 1996 and FY 1997 state/local and institutional data were restated by KU Center for Research.

Source: "Expenditures for Separately Budgeted Research, Training, and Other," various years, Sponsored Program Accounting.

UNIVERSITY OF KANSAS

Office of Institutional Research and Planning

4/08

TABLE 7-401
EXPENDITURES FOR SEPARATELY BUDGETED RESEARCH, TRAINING AND OTHER
BY TYPE OF RESEARCH
FISCAL YEAR 1987-2007
 University of Kansas
 Lawrence and Medical Center

Fiscal Year	Science Research	Nonscience Research	Sponsored Training Programs	Sponsored Other	Total
1987	\$ 50,603,000	\$ 1,574,005	\$ 7,764,367	\$ 283,939	\$ 60,225,311
1988	51,723,000	2,567,008	8,501,783	319,275	63,111,066
1989	57,111,000	2,675,748	9,623,428	150,030	69,560,206
1990	61,144,000	3,041,602	10,169,563	452,814	74,807,979
1991	65,982,000	3,374,304	11,323,379	329,973	81,009,656
1992	75,004,000	3,434,351	12,233,660	848,547	91,520,558
1993	85,134,000	1,224,000	15,388,000	995,000	102,741,000
1994	95,701,000	2,483,000	16,525,000	706,000	115,415,000
1995	100,702,000	2,640,696	19,217,483	977,372	123,537,551
1996 rev.	100,649,000	2,388,465	19,924,805	1,041,371	124,003,641
1997 rev.	108,893,000	2,790,797	19,616,457	2,743,268	134,043,522
1998	117,115,000	3,758,000	24,869,000	1,324,000	147,066,000
1999	132,752,000	4,951,000	28,540,000	1,332,000	167,575,000
2000	148,670,000	4,859,000	36,355,000	3,274,000	193,158,000
2001	156,468,000	10,514,000	52,122,000	4,918,000	224,022,000
2002	172,131,000	14,405,000	47,803,000	8,514,000	242,853,000
2003	173,024,000	17,196,000	49,658,000	18,028,000	257,906,000
2004	181,192,000	18,813,000	45,517,000	28,329,000	273,851,000
2005	190,104,605	25,165,625	42,267,921	23,456,700	280,994,852
2006	195,946,918	27,383,618	46,692,304	22,237,720	292,260,560
2007	201,853,890	23,755,746	37,957,645	25,186,895	288,754,176

Notes: Does not include sponsored student financial aid programs.
 Sponsored Other includes KANU, symposiums, performances, and art exhibits.

FY 1996 and FY 1997 nonscience research data were restated by KU Center for Research.

Source: "Expenditures for Separately Budgeted Research, Training, and Other," various years, Sponsored Program Accounting.

UNIVERSITY OF KANSAS

Office of Institutional Research and Planning

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TABLE 7-402
EXPENDITURES FOR SEPARATELY BUDGETED RESEARCH, TRAINING AND OTHER
FISCAL YEAR 2003-2007
 University of Kansas
 Lawrence and Medical Center
 (Thousands of Dollars)

	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
<u>Science Research</u>					
Federal Government	\$ 90,876	\$101,920	\$110,768	\$115,522	\$115,249
Private Industry	2,821	2,295	3,027	3,365	3,515
State/Local/Institutional	68,420	68,029	68,312	68,437	74,606
Nonprofit Foundations/Other	10,907	8,948	7,997	8,623	8,484
TOTAL - Science	\$173,024	\$181,192	\$190,105	\$195,947	\$201,854
 <u>Nonscience Research</u>					
Federal Government	\$ 6,541	\$ 9,618	\$13,281	\$13,867	\$11,131
Private Industry	1,997	2,892	3,149	3,853	3,839
State/Local/Institutional	7,568	5,166	7,256	7,854	7,052
Nonprofit Foundations/Other	1,090	1,137	1,480	1,809	1,734
TOTAL - Nonscience	\$17,196	\$18,813	\$25,166	\$27,377	\$23,756
 <u>Sponsored Training Programs</u>					
Federal Government	\$28,498	\$28,213	\$26,082	\$28,969	\$24,483
Private Industry	38	6	20	81	101
State/Local/Institutional	20,318	16,659	15,660	17,312	12,456
Nonprofit Foundations/Other	804	639	506	331	917
TOTAL - Sponsored Training	\$49,658	\$45,517	\$42,268	\$46,693	\$37,958
 <u>Sponsored Other</u>					
Federal Government	\$ 7,394	\$15,407	\$12,297	\$13,575	\$12,895
Private Industry	1,799	150	166	526	733
State/Local/Institutional	7,474	9,821	9,301	6,529	8,315
Nonprofit Foundations/Other	1,361	2,951	1,693	1,608	3,243
TOTAL - Sponsored Other	\$18,028	\$28,329	\$23,457	\$22,238	\$25,186
 <u>Grand Total</u>					
Federal Government	\$133,309	\$155,158	\$162,427	\$171,933	\$163,758
Private Industry	6,655	5,343	6,362	7,825	8,188
State/Local/Institutional	103,780	99,675	100,529	100,132	102,429
Nonprofit Foundations/Other	14,162	13,675	11,676	12,371	14,378
GRAND TOTAL	\$257,906	\$273,851	\$280,995	\$292,261	\$288,754

Notes: FY 2007 federal science totals don't match table 7-405 due to different sources.
 Sponsored Other includes KANU, symposiums, performances, and art exhibits.

Source: "Expenditures for Separately Budgeted Research, Training and Other," various years, Sponsored Program Accounting.

4/08

TABLE 7-405
SCIENCE AND ENGINEERING RESEARCH EXPENDITURES BY SOURCE OF FUNDS
FISCAL YEAR 2002-2007
 University of Kansas
 Lawrence and Medical Center
 (Thousands of Dollars)

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
Federal:						
Engineering	\$ 8,331	\$ 7,988	\$ 7,406	\$ 7,793	\$ 8,607	\$ 10,280
Physical Sciences	4,970	5,143	5,739	8,616	9,170	7,378
Environmental Sciences	2,526	2,360	4,109	3,511	4,576	6,379
Mathematics	520	541	534	707	799	588
Computer Sciences	45	264	474	456	296	351
Life Sciences	60,391	68,329	77,525	83,061	84,176	84,190
Psychology	1,467	1,105	784	765	1,056	630
Social Sciences	2,979	4,197	4,565	4,881	5,930	5,500
Other	1,434	949	784	978	912	374
TOTAL FEDERAL	\$ 82,663	\$ 90,876	\$101,920	\$110,768	\$115,522	\$115,670
State/Local Government	\$ 6,939	\$ 6,444	\$ 4,850	\$ 4,615	\$ 4,670	\$ 4,573
Industry	5,098	2,821	2,295	3,027	3,365	3,318
Institutional Funds	65,338	61,976	63,179	63,698	63,767	70,095
All Other Sources	12,093	10,907	8,948	7,997	8,623	8,473
GRAND TOTAL	\$172,131	\$173,024	\$181,192	\$190,105	\$195,947	\$202,129

Notes: FY 2007 federal and science totals don't match table 7-402 due to different sources. Figures exclude spending in such disciplines as the arts, education, humanities, law, and physical education.

Source: "Survey of Research and Development Expenditures at Universities and Colleges," FY 2002-FY 2007, National Science Foundation.

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TABLE 7-415
--FEDERALLY FUNDED--
SCIENCE AND ENGINEERING R&D EXPENDITURES
RANK AMONG PUBLIC RESEARCH UNIVERSITIES
FISCAL YEAR 2002-2006
(In Thousands of Dollars)

	Public Only									
	FY 2002		FY 2003		FY 2004		FY 2005		FY 2006	
	Rank	Amount	Rank	Amount	Rank	Amount	Rank	Amount	Rank	Amount
<u>AAU-14</u>										
Colorado	6	\$340,466	6	\$377,941	6	\$414,986	6	\$449,366	6	\$448,350
Illinois-Urbana/Champaign	14	214,323	11	266,487	13	275,896	14	289,985	15	264,645
Indiana	27	132,759	26	153,625	27	166,913	27	171,528	29	170,635
Iowa	17	180,743	19	197,260	20	209,865	20	216,354	20	216,521
Iowa State	52	71,419	53	82,297	52	92,235	52	98,005	51	104,553
Kansas	45	82,663	49	90,876	47	101,920	44	110,768	45	115,522
Michigan	2	444,255	2	516,818	2	521,339	2	554,516	2	565,739
Michigan State	29	122,595	30	133,820	33	143,473	30	156,461	31	169,116
Minnesota	8	295,301	9	293,266	9	308,369	10	319,771	10	326,170
Missouri-Columbia	49	77,742	52	84,211	53	90,304	54	99,038	53	101,732
Nebraska-Lincoln*	63	51,405	45	96,627	65	66,933	39	129,216	36	139,113
Ohio State	18	177,883	18	198,488	11	284,675	11	294,053	11	315,914
Purdue	34	107,477	32	129,199	31	144,090	33	150,351	32	157,438
Wisconsin-Madison	5	345,003	5	396,231	5	434,423	3	477,582	3	491,810
<u>Big Twelve</u>										
Colorado	6	\$340,466	6	\$377,941	6	\$414,986	6	\$449,366	6	\$448,350
Iowa State	52	71,419	53	82,297	52	92,235	52	98,005	51	104,553
Kansas	45	82,663	49	90,876	47	101,920	44	110,768	45	115,522
Kansas State	71	43,988	70	53,313	71	56,088	73	58,821	75	52,649
Missouri-Columbia	49	77,742	52	84,211	53	90,304	54	96,038	53	101,732
Nebraska-Lincoln*	63	51,405	45	96,627	65	66,933	39	129,216	36	139,113
Oklahoma	55	69,388	58	75,318	56	81,048	59	87,776	59	90,880
Oklahoma State	85	31,100	84	37,748	83	43,345	87	36,637	91	37,943
Texas-Austin	11	219,158	15	231,996	17	235,281	16	254,529	14	273,147
Texas A&M	22	163,488	23	177,119	21	203,988	21	212,923	22	206,242
Texas Tech	88	28,202	90	31,776	96	30,785	105	22,071	101	22,278
<u>Cost Study Peers</u>										
Colorado	6	\$340,466	6	\$377,941	6	\$414,986	6	\$449,366	6	\$448,350
Iowa	17	180,743	19	197,260	20	209,865	20	216,354	20	216,521
Kansas	45	82,663	49	90,876	47	101,920	44	110,768	45	115,522
North Carolina-Chapel Hill	10	254,571	10	280,678	10	304,204	9	320,294	9	329,215
Oklahoma	55	69,388	58	75,318	56	81,048	59	87,776	59	90,880
Oregon	77	37,177	85	36,127	82	43,634	81	43,564	80	46,583

* Beginning FY 2005 Nebraska includes all campuses.

Notes: Excludes stand-alone medical centers and other specialized educational institutions. These rankings, which differ from the NSF published rankings due to the exclusions, were generated by KUCR and OIRP.
Figures exclude spending in such disciplines as the arts, education, humanities, law, and physical education.

Source: Dollar amounts are from *Academic Science/Engineering R&D Expenditures, FY 2002-2006*, National Science Foundation.

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TABLE 7-416
--TOTAL--
SCIENCE AND ENGINEERING R&D EXPENDITURES
RANK AMONG PUBLIC RESEARCH UNIVERSITIES
FISCAL YEAR 2002-2006
(In Thousands of Dollars)

	Public Only									
	<u>FY 2002</u>		<u>FY 2003</u>		<u>FY 2004</u>		<u>FY 2005</u>		<u>FY 2006</u>	
	<u>Rankk</u>	<u>Amount</u>	<u>Rankk</u>	<u>Amount</u>	<u>Rankk</u>	<u>Amount</u>	<u>Rankk</u>	<u>Amount</u>	<u>Rank</u>	<u>Amount</u>
<u>AAU-14</u>										
Colorado	14	\$399,818	14	\$436,761	13	\$482,992	13	\$517,067	14	\$512,794
Illinois-Urbana/Champaign	12	427,174	10	493,581	12	506,041	15	499,711	16	476,198
Indiana	21	299,080	20	337,669	19	384,168	30	307,137	22	355,004
Iowa	24	288,808	26	292,035	26	312,914	23	334,144	24	346,357
Iowa State	39	188,664	44	199,566	45	211,996	48	209,545	45	221,998
Kansas	45	172,131	50	173,024	50	181,192	49	190,105	51	195,947
Michigan	2	673,724	2	780,054	2	769,126	1	808,887	3	800,488
Michigan State	23	289,787	22	321,410	24	325,438	24	333,735	21	358,097
Minnesota	6	494,265	7	508,557	10	515,061	9	548,873	8	594,877
Missouri-Columbia	44	177,011	42	205,212	42	217,550	45	220,718	47	215,240
Nebraska-Lincoln*	47	171,431	30	276,424	48	192,846	25	333,126	26	333,243
Ohio State	11	432,387	9	496,438	9	518,088	7	608,923	6	652,329
Purdue	26	285,778	24	309,476	20	365,779	20	364,986	20	372,958
Wisconsin-Madison	3	662,101	3	721,248	3	763,875	2	798,099	1	831,895
<u>Big Twelve</u>										
Colorado	14	\$399,818	14	\$436,761	13	\$482,992	13	\$517,067	14	\$512,794
Iowa State	39	188,664	44	199,566	45	211,996	48	209,545	45	221,998
Kansas	45	172,131	50	173,024	50	181,192	49	190,105	51	195,947
Kansas State	65	106,804	65	112,733	65	119,306	66	123,398	70	123,746
Missouri-Columbia	44	177,011	42	205,212	42	217,550	45	220,718	47	215,240
Nebraska-Lincoln*	47	171,431	30	276,424	48	192,846	25	333,126	26	333,243
Oklahoma	48	169,373	49	174,466	56	158,578	55	173,663	59	178,719
Oklahoma State	67	94,987	70	103,079	72	103,915	77	99,436	79	100,323
Texas-Austin	20	320,966	19	343,854	21	343,886	19	410,981	19	431,398
Texas A&M	10	436,681	12	456,235	8	520,979	16	479,735	15	492,955
Texas Tech	73	82,785	73	92,515	84	77,419	93	56,623	96	58,591
<u>Cost Study Peers</u>										
Colorado	14	\$399,818	14	\$436,761	13	\$482,992	13	\$517,067	14	\$512,794
Iowa	24	288,808	26	292,035	26	312,914	23	334,144	24	346,357
Kansas	45	172,131	50	173,024	50	181,192	49	190,105	51	195,947
North Carolina-Chapel Hill	17	370,806	17	390,542	17	416,727	17	441,033	17	443,790
Oklahoma	48	169,373	49	174,466	56	158,578	55	173,663	59	178,719
Oregon	94	43,723	95	44,604	94	51,956	96	52,657	97	57,153

* Beginning FY 2005 Nebraska includes all campuses.

Notes: Excludes stand-alone medical centers and other specialized educational institutions. These rankings, which differ from the NSF published rankings due to the exclusions, were generated by KUCR and OIRP. Figures exclude spending in such disciplines as the arts, education, humanities, law, and physical education.

Source: Dollar amounts are from *Academic Science/Engineering R&D Expenditures, FY 2002-2006*, National Science Foundation.

8/07

TABLE 7-420
GENERAL RESEARCH FUND COMPETITION AWARDS
 FISCAL YEAR 2008
 University of Kansas
 Lawrence Campus

<u>Department</u>	<u>Number of Awards</u>	<u>Amount Awarded</u>
Architecture & Urban Planning	3	\$ 5,919
Business	8	41,023
College of Liberal Arts and Sciences		
African and African-American Studies	0	0
American Studies	0	0
Anthropology	5	42,002
Applied Behavioral Sciences	0	0
Biological Sciences - Molecular Bioscience	1	53,294
Biological Sciences - Entomology	0	0
Biological Sciences - Ecology & Evolutionary Biology	4	53,294
Chemistry	1	30,696
Classics	0	0
Communication Studies	0	0
East Asian Languages and Cultures	0	0
Economics	1	9,008
English	1	5,888
Environmental Studies	0	0
French and Italian	2	7,911
Geography	2	9,463
Geology	1	7,000
Germanic Languages and Literatures	0	0
History	12	70,534
History of Art	3	17,664
Interdisciplinary Studies	0	0
Latin American Studies	0	0
Linguistics	2	24,957
Mathematics	3	21,367
Philosophy	0	0
Physics and Astronomy	4	28,838
Political Science	0	0
Psychology	1	9,619
Religious Studies	2	11,776
Russian and East European Studies	0	0
Slavic Languages and Literature	0	0
Sociology	0	0
Spanish and Portuguese	1	5,888
Speech-Language-Hearing	0	0
Theatre and Film	1	8,888

(continued)

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TABLE 7-420 (concluded)
GENERAL RESEARCH FUND COMPETITION AWARDS
 FISCAL YEAR 2008
 University of Kansas
 Lawrence Campus

<u>Department</u>	<u>Number of Awards</u>	<u>Amount Awarded</u>
Education		
Psychology and Research in Education	1	\$ 8,449
Teaching and Leadership	1	8,466
Economic Education	0	0
Health, Sport and Exercise Science	1	7,990
Special Education	0	0
Engineering		
Aerospace Engineering	2	14,640
Architectural Engineering	0	0
Chemical and Petroleum Engineering	1	7,750
Civil and Environmental Engineering	2	10,395
Electrical Engineering and Computer Science	0	0
Mechanical Engineering	1	5,628
Fine Arts		
Art	2	10,204
Design	5	29,980
Music and Dance	2	14,800
Journalism	1	3,651
Law	4	27,057
Libraries	1	2,560
Pharmacy		
Medicinal Chemistry	0	0
Pharmaceutical Chemistry	0	0
Pharmacology and Toxicology	1	15,000
Pharmacy Practice	1	2,935
Social Welfare	0	0
TOTAL	84	\$634,534

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TABLE 7-455
INDIRECT COST RATES
BIG TWELVE COMPARISON GROUP
FISCAL YEAR 2008
(Percentages determine top amounts universities can
charge federal government for research overhead)

<u>Institution</u>	<u>Percent</u>
Baylor	32.5%*
Colorado	52.5
Iowa State	46.5
Kansas State	46.0
Kansas	46.0
Missouri	49.5
Nebraska	47.5
Oklahoma	48.0
Oklahoma State	47.7
Texas	50.0
Texas A&M	45.5
Texas Tech	46.5

* Baylor has changed their indirect cost calculation method from Salary and Wages to Modified Total Direct Cost (MTDC) and files the simplified form.

1/08

TABLE 7-501
 COMPARISON OF STATE APPROPRIATIONS FOR HIGHER EDUCATION
 KANSAS INSTITUTIONS
 FISCAL YEAR 2008

<u>Institution</u>	<u>FY 2008 Appropriations (in thousands)</u>	<u>Percent Change FY 2007 to FY 2008</u>
Kansas - Lawrence and Medical Center	\$270,363	3.6%
Kansas State	181,563	4.5
Wichita State	72,918	1.8
Emporia State	34,845	5.2
Pittsburg State	37,777	5.1
Fort Hays State	36,554	6.9
Washburn	12,123	4.0
Community colleges	106,709	3.8
Technical schools	36,575	4.7
Other appropriations	36,271	22.8
TOTAL	\$825,698	4.7%

**KANSAS RANK AMONG FIFTY STATES
 IN STATE APPROPRIATIONS FOR HIGHER EDUCATION
 FISCAL YEAR 2008**

Total appropriation	\$825,698,000
Kansas rank	39
One year percent change	4.7%

Source: "State Appropriations for Higher Education, 2007-08," *The Chronicle of Higher Education*, January 18, 2008, page A16; Project Grapevine web site.

6/08

TABLE 7-601
PER CAPITA PERSONAL INCOME AND MEDIAN INCOME, FOUR-PERSON FAMILY
STATE OF KANSAS
CALENDAR YEAR 1984-2007
CURRENT DOLLARS

<u>Calendar Year</u>	<u>Per Capita Personal Income*</u>	<u>Annual Percent Change</u>	<u>Median Income Four-Person Family</u>	<u>Annual Percent Change</u>
1984	\$13,726	--	\$30,330	--
1985	14,451	5.3%	31,114	2.6%
1986	15,005	3.8	32,512	4.5
1987	15,599	4.0	34,474	6.0
1988	16,275	4.3	35,796	3.8
1989	17,048	4.7	37,938	6.0
1990	18,085	6.1	40,576	7.0
1991	18,626	3.0	40,682	0.3
1992	19,692	5.7	42,022	3.3
1993	20,234	2.8	43,155	2.7
1994	20,990	3.7	44,409	2.9
1995	21,558	2.7	46,611	5.0
1996	22,845	6.0	49,034	5.2
1997	24,041	5.2	52,900	7.9
1998	25,483	6.0	54,843	3.7
1999	26,195	2.8	57,195	4.3
2000	27,694	5.7	56,784	(0.7)
2001	28,701	3.6	61,686	8.6
2002	28,980	1.0	61,926	0.4
2003	29,802	2.8	64,215	3.7
2004	30,995	4.0	65,777	2.4
2005	32,709	5.5	64,929	(1.3)
2006	34,799	6.4		
2007	36,768	5.7		

Definitions:

Per Capita Personal Income - personal income is the sum of wage and salary disbursements, other labor income, proprietor's income with inventory valuation and capital consumption adjustments, personal dividend income, personal interest income, and transfer payments to persons, less personal contributions for social insurance. State per capita personal income is calculated as the personal income of residents of the State divided by the population of the State as of July 1.

Median income, four-person family - a group of four people, one of whom is the householder, related by birth, marriage, or adoption and residing together. Median income is the amount which divides all household income totals into equal groups, half having incomes above the median, half having incomes below the median.

* Bureau of Economic Analysis (BEA) released comprehensive revised estimates of per capita personal income for 1969-2002 in April 2004.

Source: *Survey of Current Business* web site, April 2008 issue, Table 2 - "Annual Personal Income and Per Capita Personal Income by State and Region, 2002-2007;" U.S. Census Bureau web site, "Median Income for Four-Person Families, by State, 1974-2005."