

LEGISLATIVE SPECIAL REPORT

West Virginia Medical Schools Peer Comparison

FOR THE PERIOD FY 2007 - FY 2011

REPORT OVERVIEW

Special Report on Comparison for informational purposes only of the Marshall University Joan C. Edwards School of Medicine, West Virginia University School of Medicine and West Virginia School of Osteopathic Medicine with their peer four year medical institutions.



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The West Virginia Legislature:

Upon the request of the Legislature, we have conducted a comparison of the Marshall University Joan C. Edwards School of Medicine, West Virginia University School of Medicine, and West Virginia School of Osteopathic Medicine with their peer medical institutions from other states for fiscal years 2007 through 2011. We compiled and summarized the data provided in bar graphs, trend lines, and tables; however, we performed no audit steps to substantiate the accuracy of the data provided by the institutions. The results of this comparison are set forth in the following pages of this report.

Respectfully submitted,

A handwritten signature in cursive script that reads "Stacy L. Sneed".

Stacy L. Sneed, CPA, CICA, Director
Legislative Post Audit Division

SLS/cdo

**WEST VIRGINIA MEDICAL SCHOOLS PEER COMPARISON
FISCAL YEAR 2007 THROUGH FISCAL YEAR 2011**

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**WEST VIRGINIA MEDICAL SCHOOLS PEER COMPARISON
FISCAL YEAR 2007 THROUGH FISCAL YEAR 2011**

**INSTITUTION CONTACTS
MEDICAL SCHOOL PEER COMPARISON
COVERING FISCAL YEAR 2007 - FISCAL YEAR 2011**

PEERS OF MARSHALL UNIVERSITY:

Gregory Wilgocki, East Tennessee State University Quillen College of Medicine Associate Dean
Betty Kangas, Wright State University – Ohio, Boonshoft School of Medicine Assistant Dean
Betty Drees, University of Missouri - Kansas, UMKC School of Medicine Dean
Paul Cunningham, East Carolina University The Brody School of Medicine Dean

PEERS OF WEST VIRGINIA UNIVERSITY:

Todd Patterson, University of Iowa Carver College of Medicine Chief of Staff
Brandy Lawson, University of Kentucky College of Medicine Executive Assistant to the Dean
Katherine Earl, Univ. at Buffalo School of Medicine and Biomedical Sciences Asst. Resource Mgmt.
Kimberly Blowe, Virginia Commonwealth University School of Medicine Assistant Dean

PEERS OF WEST VIRGINIA SCHOOL OF OSTEOPATHIC MEDICINE:

Mark Notman, Michigan State University College of Osteopathic Medicine Associate Dean
Dennis Shingleton, Texas College of Osteopathic Medicine Senior Associate Dean
James Hess, Oklahoma State University College of Osteopathic Medicine Chief Operating Officer
Kathy Brooks, Ohio University Heritage College of Osteopathic Medicine Chief Financial Officer

ASSOCIATION OF AMERICAN MEDICAL COLLEGES (AAMC):

Hershel Alexander Director
Kajal Nayyar Senior Research Analyst

**WEST VIRGINIA MEDICAL SCHOOLS PEER COMPARISON
FISCAL YEAR 2007 THROUGH FISCAL YEAR 2011**

INTRODUCTION

POST AUDIT AUTHORITY

We conducted the work for this report pursuant to Chapter 4, Article 2 of the West Virginia Code, as amended. Section 5 of this Article states in part: "...The Legislative Auditor shall have the power and authority to examine the revenues, expenditures and performance of every spending unit of the state government and for these purposes shall have the authority, by such means as are necessary, to require any person holding office in the state government or employed by the state, to allow him to inspect the properties, equipment, facilities and records of the various agencies...."

BACKGROUND¹

Marshall University

Founded as Marshall Academy in 1837, Marshall was designated a college in 1958, the state normal school in 1867, and a university in 1961. Marshall University functions through 13 divisions, one being the Joan C. Edwards School of Medicine. Major components of the School of Medicine are located at the Veteran Administration Medical Center and the Marshall Medical Center at Cabell Huntington Hospital. The School of Medicine offers four-year degrees, as well as advanced degrees such as doctorates, and is accredited by the Liaison Committee on Medical Education.

West Virginia University

Established in 1867, West Virginia University (WVU) is the state's major research, doctoral degree-granting, land-grant institution. WVU provides high-quality programs of instruction, offering 179 degree programs at the undergraduate, graduate and professional levels, including the state's only law school and the world's premiere degree offering in forensic identification. The University fosters basic and applied research and scholarship and engages in and encourages other creative and artistic work. A wide range of health science programs are offered at the Robert C. Bryd Health Sciences Center through schools of medicine, dentistry, nursing and pharmacy, including allied health programs and graduate programs in the basic health sciences. The Liaison Committee on Medical Education accredits WVU's M.D. Degree. The School of Medicine is accredited by the Accreditation Council for Graduate Medical Education (ACGME) through 2015 which is responsible for the review of post-MD medical specialty training programs within the United States. The School of Medicine is also accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians until 2013. ²

¹ Background information reproduced from West Virginia Blue Book

² Accreditation Information reproduced from WVU SOM Website

West Virginia School of Osteopathic Medicine

The West Virginia School of Osteopathic Medicine (WVSOM) was incorporated in 1972 as Greenbrier College of Osteopathic Medicine. The Greenbrier Military School, which had been in continuous operation for 160 years, closed in May 1972 and was purchased in July by the West Virginia Society of Osteopathic Medicine. In December, a charter for the Greenbrier College of Osteopathic Medicine was obtained from the State of West Virginia, and the school opened in October 1974 as a private institution with a charter class of 36 students. In January 1976, the college was brought into the state system of higher education as the West Virginia School of Osteopathic Medicine.

WVSOM educates primary care physicians for rural communities. The school is dedicated first and foremost to service for West Virginia and addresses the special health care needs of West Virginia's elderly. The WVSOM program is comprehensive and includes two years of basic science education, two years of clinical training, one year of rotating internship, followed by two or more years of residency training.

WVSOM is accredited by the Commission on Osteopathic College Accreditations (COCA). COCA is recognized by the Council for Higher Education Accreditation and the United States Department of Education as the only official accrediting agency for colleges of osteopathic medicine in America.

REPORT SCOPE

We have prepared a special report related to peer comparison based on the data of three West Virginia medical schools and out-of-state peer medical institutions for five fiscal years (FY 2007 - FY 2011).

§18B-1A-3 (3) of the West Virginia Code states:

(3) The peer institutions, as selected by the commission, shall be used as benchmarks for comparison purposes only and are not intended to reflect funding goals for West Virginia institutions of higher education. Such a use is inappropriate since institutions selected as peers for a state institution may be located in an area of high per capita income or have their funding subject to other factors that make its use unrealistic for setting funding goals in West Virginia. The peer institutions shall be used for comparison in the following areas:

- (A) To determine adjustments to base operating budgets as described in section five of this article;
- (B) To determine comparable levels of tuition;
- (C) To determine comparable faculty and staff teaching requirements and other workloads; and
- (D) For such other purposes as the law may require or the commission may find useful or necessary

Therefore, this report is for informational purposes only and is not intended to be used for setting funding goals for West Virginia institutions of higher education.

We did not conduct this special report in accordance with GAGAS because we did not audit the numbers and amounts submitted to us by the institutions.

We did not perform any additional audit procedures to ensure the responses were accurate. We solely relied on the responses provided by each medical school for the basis of our report.

OBJECTIVES AND METHODOLOGIES

The objective of our report was to provide a peer comparison of three West Virginia medical schools with 4-year peer medical institutions from other states. Our report is designed to assist the Legislature for the upcoming Legislative session.

In order to achieve the objective noted above, we sent the peer medical schools a memo specifying the data that we needed. The requested data included the state funding received per year, other funding received per year such as federal, state, local or private grants, gifts, and endowments, total tuition and fees received per year, and enrollment numbers each year. In addition, we followed up on any questions via e-mail or telephone as required. The West Virginia Higher Education Policy Commission provided the Legislative Post Audit office with a list of peer institutions for comparison with Marshall University School of Medicine, West Virginia University School of Medicine, and West Virginia School of Osteopathic Medicine. The data was provided by the peer institutions or the Association of American Medical Colleges (AAMC).

The data contained in the peer comparisons provided in our special report have not been subjected to auditing procedures and accordingly, we express no opinion on them.

This report is intended solely for the information and use of the Legislature. However, once released by the Legislature this report is a matter of public record and its distribution is not limited.

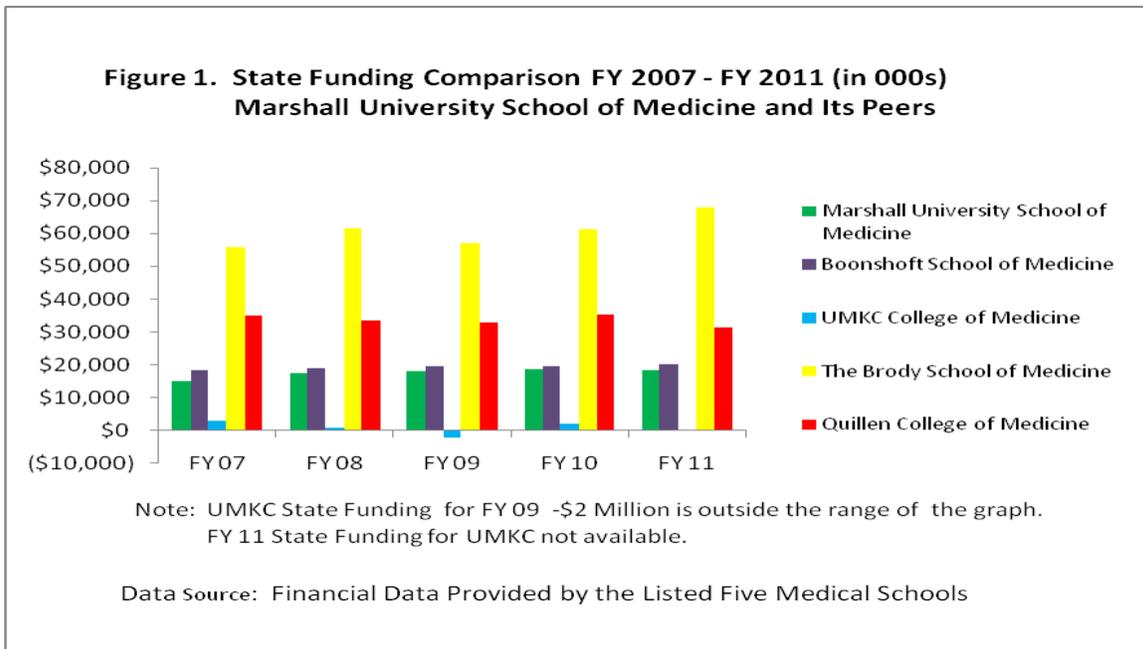
**WEST VIRGINIA MEDICAL SCHOOLS PEER COMPARISON
FISCAL YEAR 2007 THROUGH FISCAL YEAR 2011**

PEER COMPARISON TABLES AND GRAPHS

MARSHALL UNIVERSITY SCHOOL OF MEDICINE

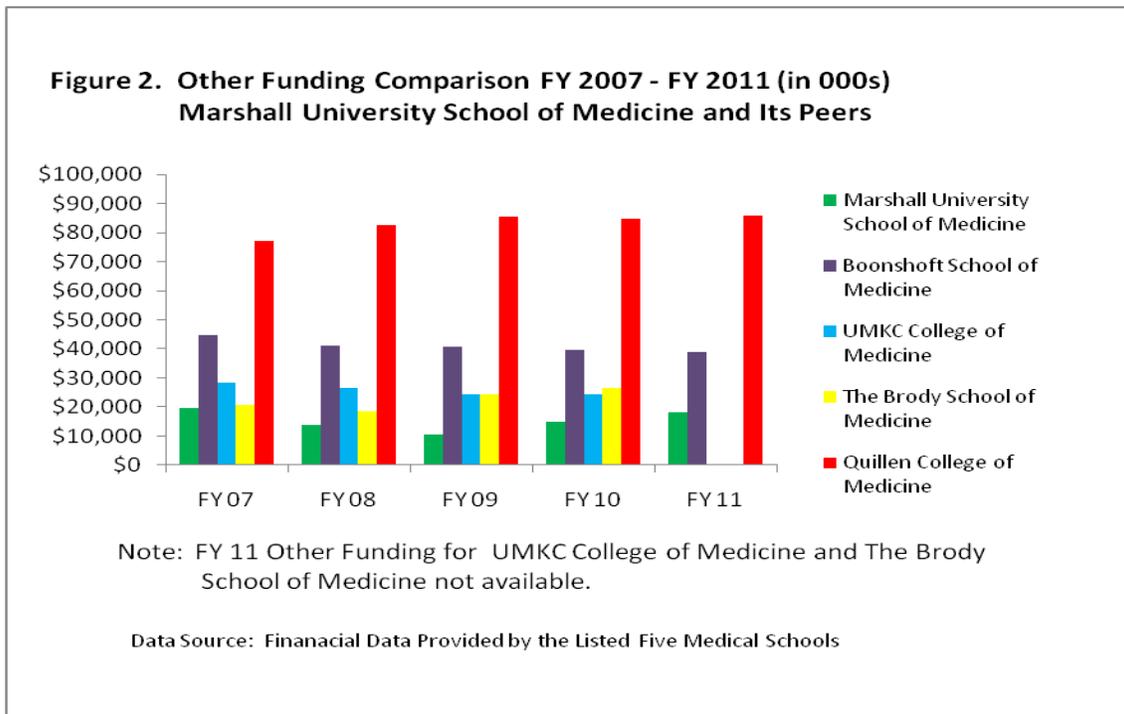
State Funding Each Fiscal Year						
	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>5 Year Over/(Under) Average*</u>
Marshall University School of Medicine	\$15,154,732	\$17,605,216	\$18,225,559	\$18,654,775	\$18,329,792	
Boonshoft School of Medicine	\$18,397,137	\$18,925,475	\$19,468,600	\$19,672,979	\$20,070,957	10%
UMKC College of Medicine	\$3,000,000	\$1,000,000	(\$2,000,000)	\$2,000,000	Not Available	(94%)
The Brody School of Medicine	\$55,719,870	\$61,601,430	\$57,028,771	\$61,291,123	\$67,937,503	246%
Quillen College of Medicine	\$34,959,910	\$33,422,812	\$32,895,640	\$35,204,830	\$31,337,900	92%

* Positive percentages show Peer Institutions have more funding than the corresponding WV Institution while (negative) percentages indicate the WV institution receives more funding.



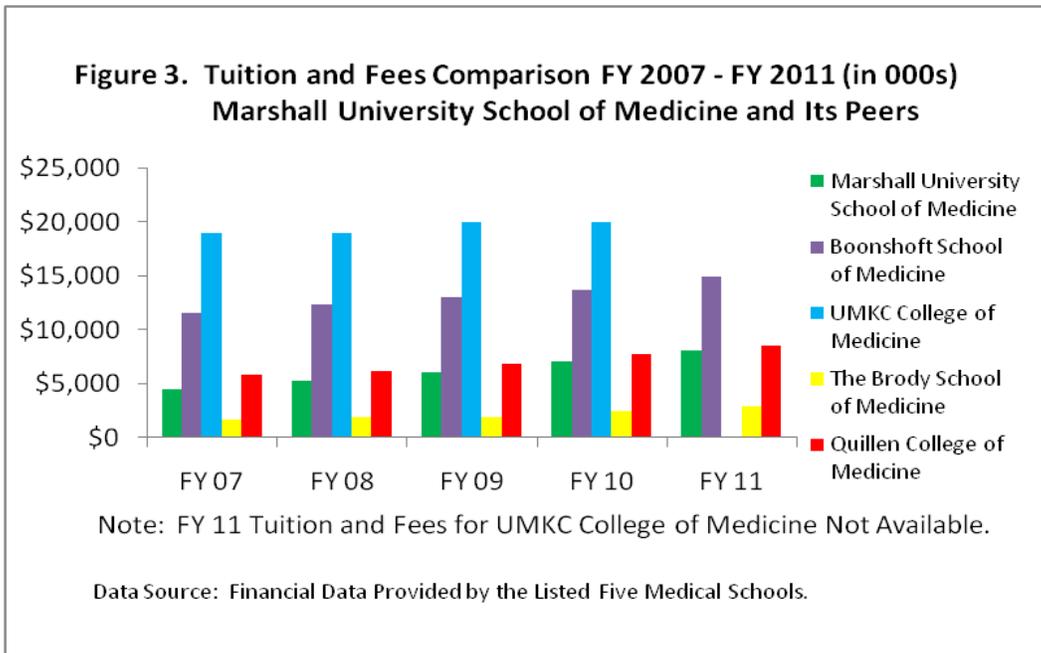
Other Funding Each Fiscal Year						
	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>5 Year Over/(Under) Average*</u>
Marshall University School of Medicine	\$19,660,142	\$13,715,143	\$10,702,118	\$14,806,806	\$18,027,980	
Boonshoft School of Medicine	\$44,603,691	\$41,101,228	\$40,881,912	\$39,626,860	\$38,898,787	178%
UMKC College of Medicine	\$28,300,000	\$26,400,000	\$24,200,000	\$24,400,000	Not Available	82%
The Brody School of Medicine	\$20,800,000	\$18,700,000	\$24,400,000	\$26,600,000	Not Available	62%
Quillen College of Medicine	\$76,937,970	\$82,716,676	\$85,348,601	\$84,828,279	\$85,856,400	468%

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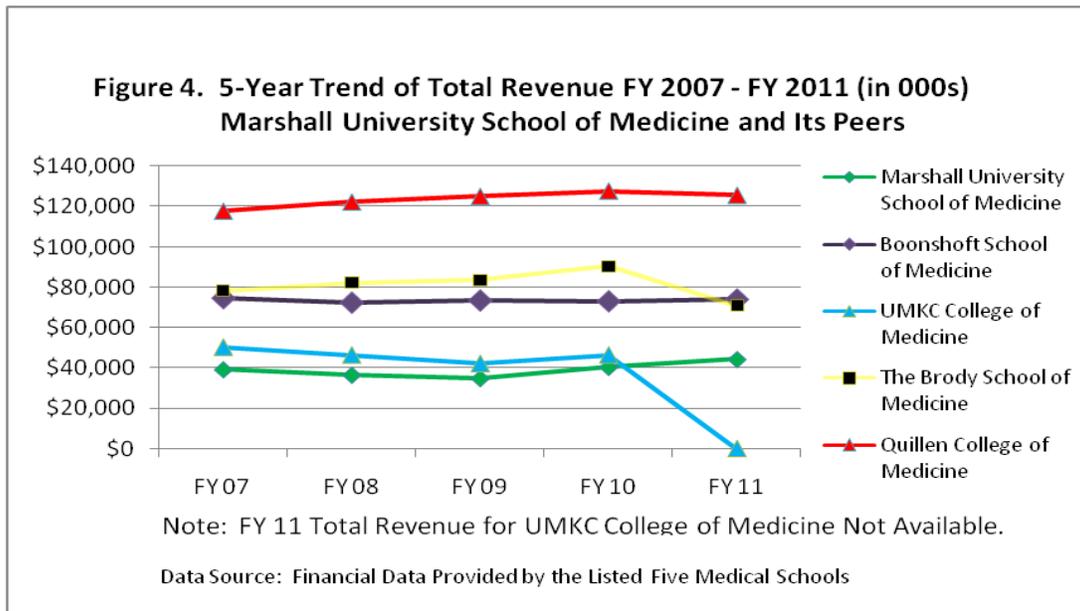
Tuition and Fees Each Fiscal Year						
	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>5 Year Over/(Under) Average*</u>
Marshall University School of Medicine	\$4,496,404	\$5,300,436	\$6,004,549	\$7,075,181	\$8,055,428	
Boonshoft School of Medicine	\$11,506,910	\$12,301,189	\$13,021,219	\$13,658,513	\$14,902,108	117%
UMKC College of Medicine	\$19,000,000	\$19,000,000	\$20,000,000	\$20,000,000	Not Available	249%
The Brody School of Medicine	\$1,688,948	\$1,896,422	\$1,939,253	\$2,455,405	\$2,898,959	(65%)
Quillen College of Medicine	\$5,821,331	\$6,175,127	\$6,855,721	\$7,691,783	\$8,520,100	15%

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Total Revenue Each Fiscal Year						
	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>5 Year Over/(Under) Average</u>
Marshall University School of Medicine	\$39,311,278	\$36,620,795	\$34,932,226	\$40,536,762	\$44,413,200	
Boonshoft School of Medicine	\$74,507,738	\$72,327,892	\$73,371,731	\$72,958,352	\$73,871,852	89%
UMKC College of Medicine	\$50,300,000	\$46,400,000	\$42,200,000	\$46,400,000	Not Available	22%
The Brody School of Medicine	\$78,208,818	\$82,278,360	\$83,453,498	\$90,439,250	\$70,836,462	109%
Quillen College of Medicine	\$117,719,211	\$122,314,615	\$125,099,962	\$127,724,892	\$125,714,400	218%

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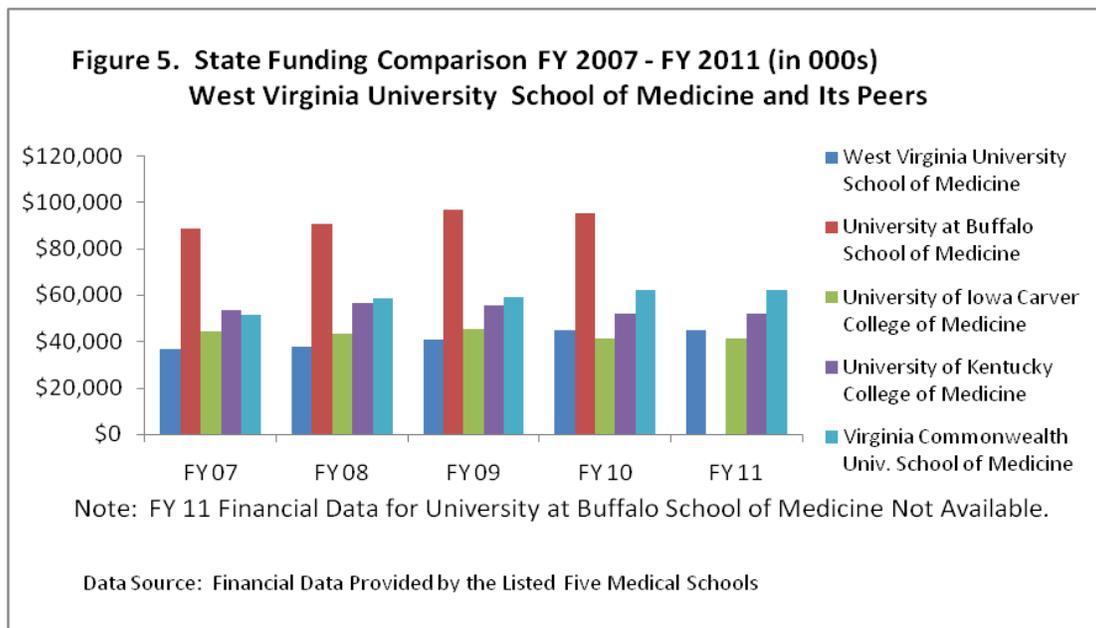
ENROLLMENT EACH FISCAL YEAR						
	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	5 Year Over/(Under) Average*
Marshall University School of Medicine	332	363	380	398	379	
Boonshoft School of Medicine	400	409	416	410	423	11%
UMKC College of Medicine	380	407	390	392	414	7%
The Brody School of Medicine	286	293	296	306	309	(19%)
Quillen College of Medicine	242	247	254	261	269	(31%)

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WEST VIRGINIA UNIVERSITY SCHOOL OF MEDICINE

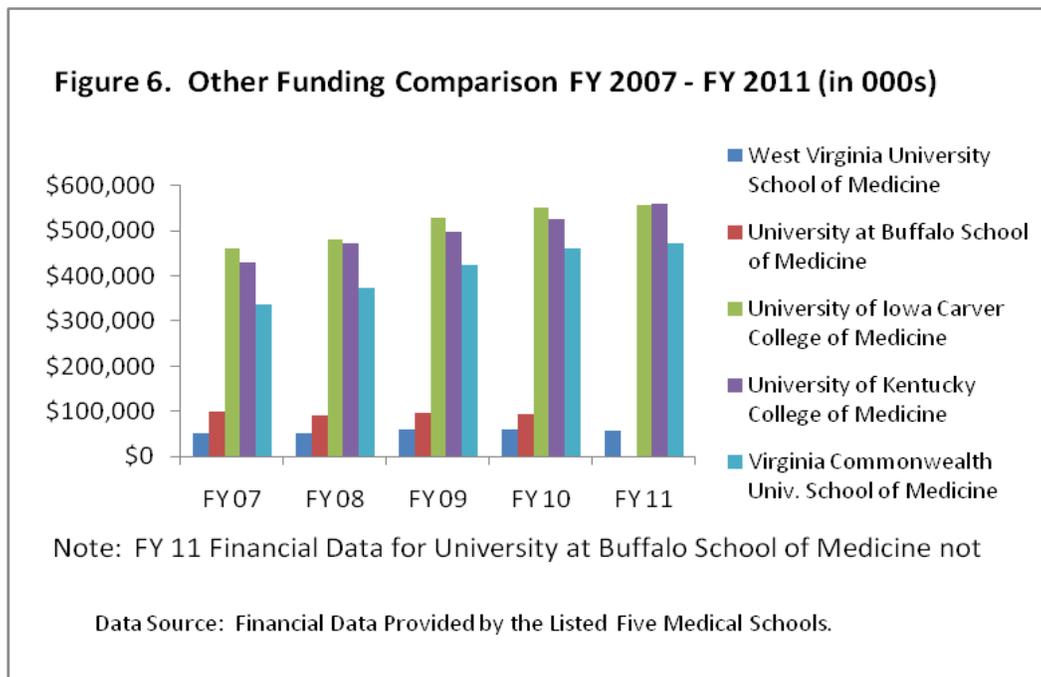
STATE FUNDING EACH FISCAL YEAR						
	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>5 Year Over/(Under) Average*</u>
West Virginia University School of Medicine	\$36,917,000	\$37,770,000	\$40,795,000	\$40,769,000	\$45,141,000	
University at Buffalo School of Medicine	\$88,722,468	\$90,837,293	\$97,041,069	\$95,502,280	Not Available	138%
University of Iowa Carver College of Medicine	\$44,282,581	\$43,529,797	\$45,268,670	\$47,010,846	\$41,443,650	11%
University of Kentucky College of Medicine	\$53,797,628	\$56,841,941	\$55,672,586	\$54,940,284	\$52,315,958	37%
Virginia Commonwealth Univ. School of Medicine	\$51,555,248	\$58,784,493	\$59,279,538	\$54,907,696	\$62,355,039	43%

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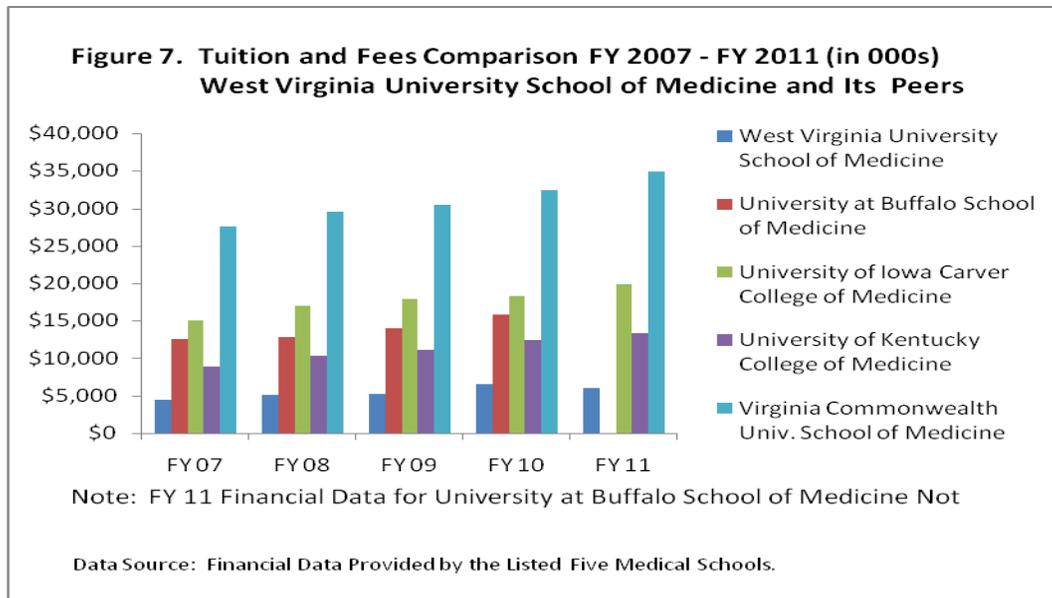
OTHER FUNDING EACH FISCAL YEAR						
	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>5 Year Over/(Under) Average*</u>
West Virginia University School of Medicine	\$51,448,000	\$52,104,000	\$59,439,000	\$58,608,000	\$57,609,000	
University at Buffalo School of Medicine	\$99,694,300	\$91,884,896	\$97,474,264	\$94,570,042	Not Available	74%
University of Iowa Carver College of Medicine	\$461,604,647	\$479,896,586	\$529,209,526	\$552,681,958	\$557,130,041	824%
University of Kentucky College of Medicine	\$431,006,000	\$473,017,000	\$498,620,000	\$526,722,000	\$560,309,000	791%
Virginia Commonwealth Univ. School of Medicine	\$337,134,961	\$374,701,875	\$423,401,396	\$459,923,980	\$472,898,831	638%

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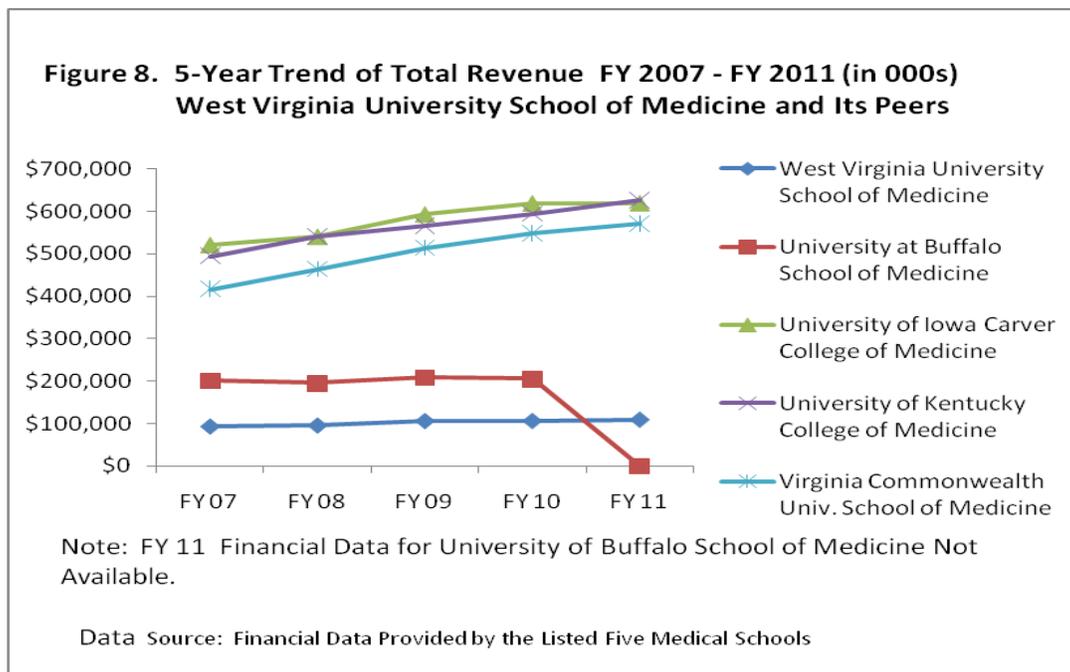
TUITION AND FEES EACH FISCAL YEAR						
	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>5 Year Over/(Under) Average*</u>
West Virginia University School of Medicine	\$4,380,000	\$5,140,000	\$5,249,000	\$6,488,000	\$6,003,000	
University at Buffalo School of Medicine	\$12,526,371	\$12,850,902	\$13,940,326	\$15,822,679	Not Available	161%
University of Iowa Carver College of Medicine	\$15,041,882	\$16,971,566	\$17,902,716	\$18,365,636	\$19,821,106	226%
University of Kentucky College of Medicine	\$8,940,134	\$10,302,556	\$11,116,147	\$12,466,986	\$13,295,334	106%
Virginia Commonwealth Univ. School of Medicine	\$27,520,322	\$29,545,991	\$30,435,286	\$32,408,537	\$34,854,948	473%

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TOTAL REVENUE EACH FISCAL YEAR						
	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	5 Year Over/(Under) Average*
West Virginia University School of Medicine	\$92,745,000	\$95,014,000	\$105,483,000	\$105,865,000	\$108,753,000	
University at Buffalo School of Medicine	\$200,943,139	\$195,573,091	\$208,455,659	\$205,895,001	Not Available	104%
University of Iowa Carver College of Medicine	\$520,929,110	\$540,397,949	\$592,380,912	\$618,058,440	\$618,394,797	469%
University of Kentucky College of Medicine	\$493,743,762	\$540,161,497	\$565,408,733	\$594,129,270	\$625,920,292	455%
Virginia Commonwealth Univ. School of Medicine	\$416,210,531	\$463,032,359	\$513,116,220	\$547,240,213	\$570,108,818	393%

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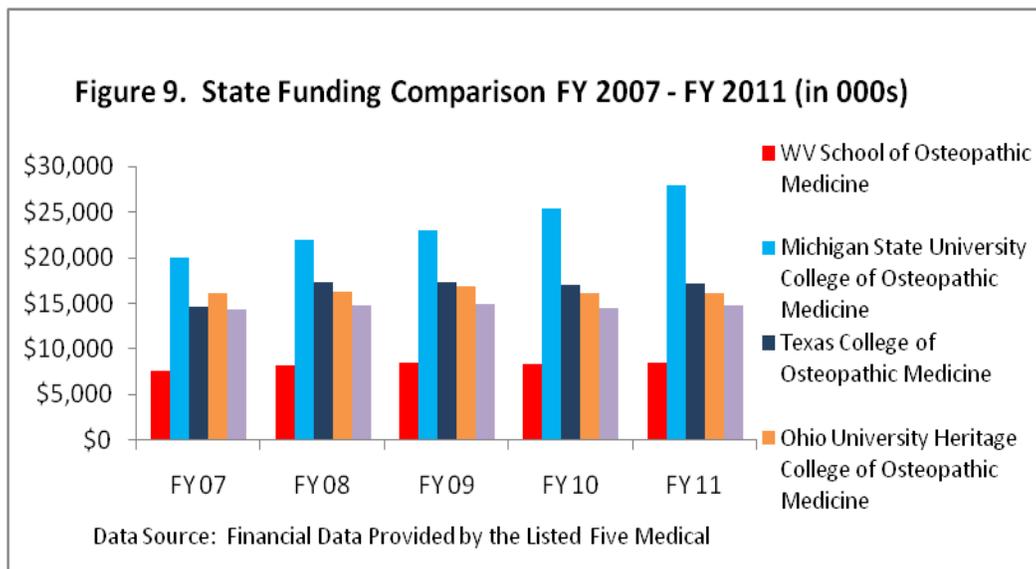
ENROLLMENT EACH FISCAL YEAR						
	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	5 Year Over/(Under) Average*
West Virginia University School of Medicine	424	421	432	432	424	
University at Buffalo School of Medicine	580	576	572	576	Not Available	35%
University of Iowa Carver College of Medicine	572	576	583	576	587	36%
University of Kentucky College of Medicine	404	413	427	439	452	0%
Virginia Commonwealth Univ. School of Medicine	711	734	745	759	769	74%

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WEST VIRGINIA SCHOOL OF OSTEOPATHIC MEDICINE

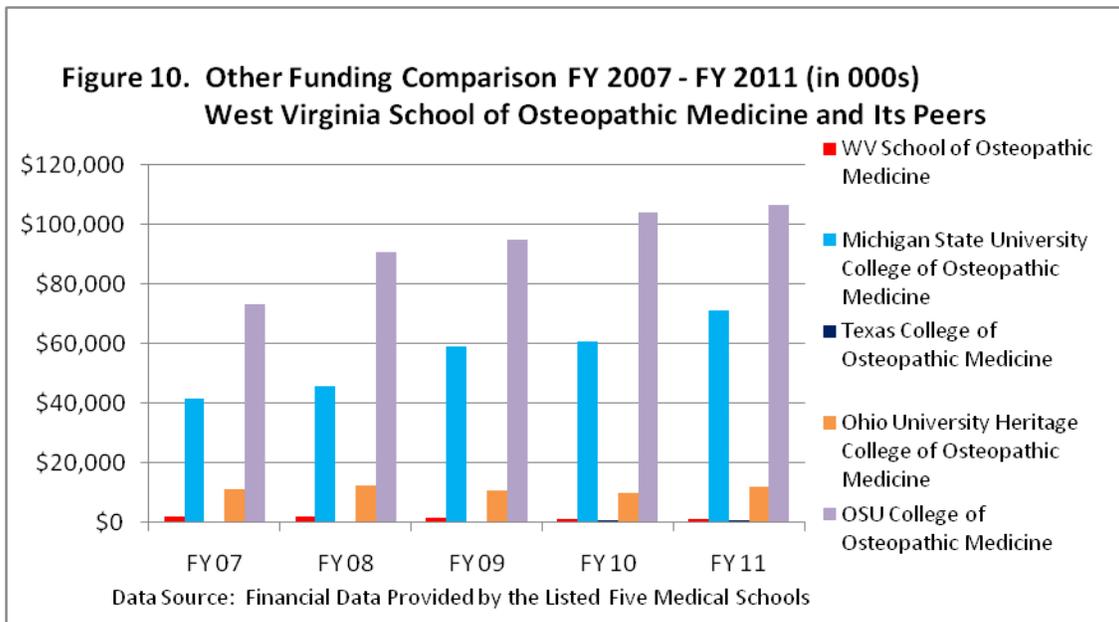
STATE FUNDING EACH FISCAL YEAR						
	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	5 Year Over/(Under) Average*
WV School of Osteopathic Medicine	\$7,623,629	\$8,181,781	\$8,480,339	\$8,392,330	\$8,500,002	
Michigan State University College of Osteopathic Medicine	\$20,054,482	\$21,950,626	\$22,982,194	\$25,374,238	\$27,854,741	186%
Texas College of Osteopathic Medicine	\$14,666,798	\$17,338,849	\$17,282,876	\$16,998,308	\$17,130,750	102%
Ohio University Heritage College of Osteopathic Medicine	\$16,084,750	\$16,277,349	\$16,794,248	\$16,145,622	\$16,183,558	98%
OSU College of Osteopathic Medicine	\$14,272,010	\$14,782,299	\$14,991,461	\$14,448,536	\$14,711,159	78%

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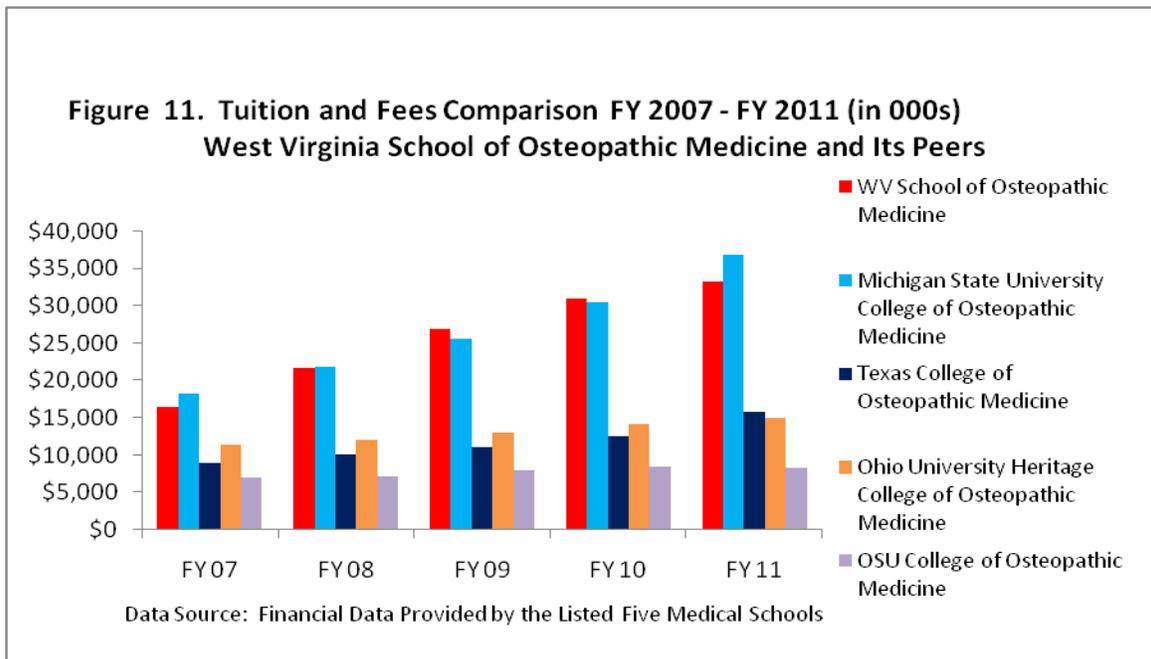
OTHER FUNDING EACH FISCAL YEAR						
	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>5 Year Over/(Under) Average*</u>
WV School of Osteopathic Medicine	\$2,146,659	\$2,176,528	\$1,665,176	\$1,450,653	\$1,430,498	
Michigan State University College of Osteopathic Medicine	\$41,592,451	\$45,766,602	\$59,041,847	\$60,879,078	\$71,362,346	3254%
Texas College of Osteopathic Medicine	\$550,000	\$561,000	\$580,553	\$992,170	\$800,000	(58%)
Ohio University Heritage College of Osteopathic Medicine	\$11,441,201	\$12,342,439	\$10,812,281	\$10,174,496	\$11,953,235	557%
OSU College of Osteopathic Medicine	\$73,454,993	\$90,899,000	\$95,030,000	\$104,306,000	\$106,729,000	5491%

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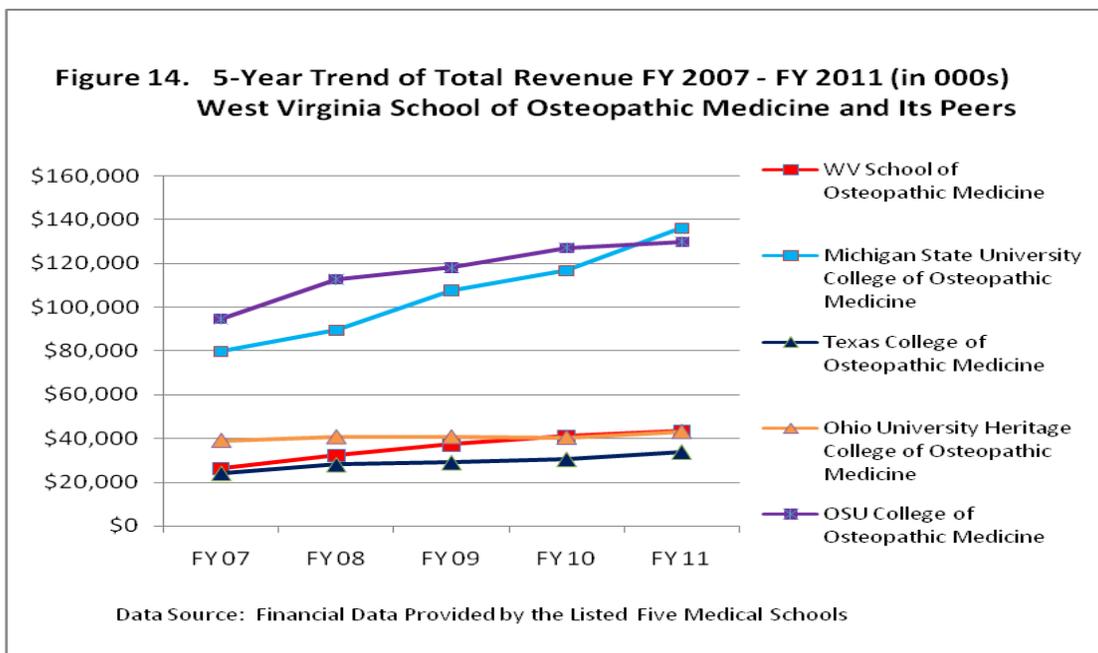
TUITION AND FEES EACH FISCAL YEAR						
	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>5 Year Over/(Under) Average*</u>
WV School of Osteopathic Medicine	\$16,410,215	\$21,782,179	\$26,972,363	\$30,989,361	\$33,287,500	
Michigan State University College of Osteopathic Medicine	\$18,243,600	\$21,873,243	\$25,709,687	\$30,549,074	\$36,880,136	3%
Texas College of Osteopathic Medicine	\$8,916,582	\$10,160,010	\$11,159,425	\$12,507,950	\$15,888,275	(54%)
Ohio University Heritage College of Osteopathic Medicine	\$11,438,776	\$12,074,426	\$13,040,309	\$14,162,957	\$15,010,217	(47%)
OSU College of Osteopathic Medicine	\$6,972,143	\$7,132,000	\$8,024,000	\$8,450,000	\$8,360,000	(69%)

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TOTAL REVENUE EACH FISCAL YEAR						
	<u>FY 07</u>	<u>FY 08</u>	<u>FY 09</u>	<u>FY 10</u>	<u>FY 11</u>	<u>5 Year Over/(Under) Average*</u>
WV School of Osteopathic Medicine	\$26,180,503	\$32,140,488	\$37,117,878	\$40,832,344	\$43,218,000	
Michigan State University College of Osteopathic Medicine	\$79,890,533	\$89,590,471	\$107,733,728	\$116,802,390	\$136,097,223	195%
Texas College of Osteopathic Medicine	\$24,133,380	\$28,059,859	\$29,022,854	\$30,498,428	\$33,819,025	(18%)
Ohio University Heritage College of Osteopathic Medicine	\$38,964,727	\$40,694,214	\$40,646,838	\$40,483,075	\$43,147,010	17%
OSU College of Osteopathic Medicine	\$94,699,146	\$112,813,299	\$118,045,461	\$127,204,536	\$129,800,159	229%

* Positive percentages show Peer Institutions have more funding than the corresponding WV Institution while (negative) percentages indicate the WV institution receives more funding.



ENROLLMENT EACH FISCAL YEAR						
	FY 07	FY 08	FY 09	FY 10	FY 11	5 Year Over/(Under) Average*
WV School of Osteopathic Medicine	503	598	695	778	793	
Michigan State University College of Osteopathic Medicine	204	211	211	315	318	(63%)
Texas College of Osteopathic Medicine	593	630	685	728	800	3%
Ohio University Heritage College of Osteopathic Medicine	432	437	449	463	467	(32%)
OSU College of Osteopathic Medicine	352	352	352	358	364	(46%)

* Positive percentages show Peer Institutions have more enrollment than the corresponding WV Institution while (negative) percentages indicate the WV institution has more enrollment.

**WEST VIRGINIA MEDICAL SCHOOLS PEER COMPARISON
FISCAL YEAR 2007 THROUGH FISCAL YEAR 2011**

CONCLUSIONS

The objective of the report was to provide peer comparisons of the three West Virginia medical schools with peer medical schools from other states. For the purpose of this report, schools used for comparison with Marshall University's Joan C. Edwards School of Medicine were the Boonshoft School of Medicine at Wright State University (WSU), East Tennessee State University's (ETSU) Quillen School of Medicine, University of Missouri-Kansas' (UMKC) School of Medicine, and The Brody School of Medicine at East Carolina University (ECU). Schools used for comparison with West Virginia University's (WVU) School of Medicine were the University of Iowa's (UI) Carver College of Medicine, the University of Kentucky's (UK) College of Medicine, the University at Buffalo's (UB) School of Medicine and Biomedical Science, and Virginia Commonwealth University's (VCU) School of Medicine. Finally, schools used for comparison with the West Virginia School of Osteopathic Medicine were Michigan State University's (MSU) College of Osteopathic Medicine, University of North Texas' Texas College of Osteopathic Medicine (Texas COM), Oklahoma State University's College (OSU) of Osteopathic Medicine, and the Ohio University (OU) Heritage College of Osteopathic Medicine.

MARSHALL UNIVERSITY SCHOOL OF MEDICINE vs PEER INSTITUTIONS

In comparing Marshall University's Joan C. Edwards School of Medicine to its four peers as to state funding, Marshall received less funding than all but one of its peers over the period of comparison. Marshall averaged 94% more state funding per year than the UKMC School of Medicine over the period of comparison. However, Marshall received less state funding than WSU, ETSU, and ECU by an average of 10%, 92%, and 246% per year over the same period, respectively.

When comparing Marshall's School of Medicine to its four peers in relation to other funding, Marshall received less funding than all of its peers over the period of comparison. WSU, ETSU, UMKC, and ECU averaged 178%, 468%, 82%, and 62% more funding from other sources per year, respectively.

When contrasting Marshall's School of Medicine to its four peers in regards to revenue generated through tuition and fees, Marshall has generated less revenue than 3 out of 4 of its peers over the period of comparison. ECU's Brody school of Medicine generated an average of 65% less tuition and fee revenue per year than Marshall over the comparison period. WSU, ETSU, and UMKC generated an average of 117%, 15% and 249% more revenue per year, respectively, through tuition and fees than Marshall over the period of comparison.

In evaluating Marshall's School of Medicine's total revenue generated over the period of comparison, Marshall generated less total revenue than all four of its peers. Over the period of comparison, WSU, ETSU, UMKC, and ECU generated an average of 89%, 218%, 22%, and 109% more total revenues per year, respectively, than did Marshall.

Concerning enrollment numbers, Marshall's School of Medicine had a higher enrollment than two out of four of its peers over the comparison period. WSU and UMKC had average enrollments of 11% and 7% higher than Marshall, respectively. ETSU and ECU had average enrollments of 31% and 19% lower than Marshall's enrollment, respectively.

WEST VIRGINIA UNIVERSITY SCHOOL OF MEDICINE vs PEER INSTITUTIONS

When comparing West Virginia University's School of Medicine to its four peers as to state funding, WVU received less state funding than all four of its peers over the period of comparison. The medical schools of the University at Buffalo, University of Iowa, University of Kentucky, and Virginia Commonwealth University received an average of 138%, 11%, 37%, and 43% more state funding per year, respectively, than WVU over the comparison period.

In contrasting WVU to its peers regarding other funding, WVU generated fewer funds from other sources than all four of its peers. BU, UI, UK, and VCU generated an average of 74%, 824%, 791%, and 638% more funding from other sources per year, respectively, than WVU over the period of comparison.

Concerning revenues generated from tuition and fees, WVU generated less revenue than its peers over the comparison period. BU, UI, UK and VCU generated an average of 161%, 226%, 106%, and 473% more revenue per year from tuition and fees, respectively, than WVU over the comparison period.

In comparing WVU to its peers regarding total revenue generated each year, WVU generated less revenue than all four of its peers over the comparison period. BU, UI, UK, and VCU generated an average of 104%, 469%, 455%, and 393% more total revenue per year, respectively, than WVU.

In the matter of enrollment numbers, WVU was on par with UK over the comparison period. WVU had lower average enrollment numbers than BU, UI, and VCU by 35%, 36%, and 74%, respectively.

WEST VIRGINIA SCHOOL OF OSTEOPATHIC MEDICINE vs PEER INSTITUTIONS

When comparing the West Virginia School of Osteopathic Medicine to its four peers as to state funding, WVSOM received less state funding than all of its peers. MSU, Texas COM, OSU and OU received an average of 186%, 102%, 78%, and 98% more state funding per year, respectively, over the comparison period.

In comparing the WVSOM to its four peers regarding other funding, WVSOM generated less funding from other sources than three of its four peers over the comparison period. Texas COM generated an average of 58% less funding from other sources per year than the WVSOM. MSU, OSU, and OU all generated an average of 3,254%, 5,491%, and 557% more funding from other sources per year, respectively, than WVSOM over the comparison period.

Concerning revenue generated from tuition and fees, WVSOM generated more revenue than three of its four peers, over the period of comparison. MSU generated an average of 3% more revenue per year than WVSOM. Texas COM, OSU, and OU generated an average of 54%, 69%, and 47% less revenue per year from tuition and fees, respectively, than WVSOM over the period of comparison.

In comparing the WVSOM to its four peers in relation to total revenue, WVSOM generated less total revenue than three out of four of its peers. Texas COM generated an average of 18% less total revenue per year than WVSOM over the comparison period. MSU, OSU, and OU generated an average of 195%, 229% and 17% more total revenue per year, respectively, than WVSOM over the period of comparison.

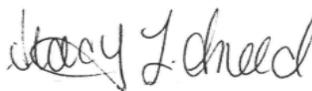
In regards to enrollment numbers, WVSOM had higher average enrollment numbers than three out of four of its peers over the comparison period. Texas COM had an average enrollment 3% higher than WVSOM. MSU, OSU, and OU had lower average enrollments than WVSOM by 63%, 46%, and 32%, respectively.

STATE OF WEST VIRGINIA

OFFICE OF THE LEGISLATIVE AUDITOR, TO WIT:

I, Stacy L. Sneed, CPA, CICA, Director of the Legislative Post Audit Division, do hereby certify that the report appended hereto was made under my direction and supervision, under the provisions of the West Virginia Code, Chapter 4, Article 2, as amended, and that the same is a true and correct copy of said report.

Given under my hand this 10th day of January 2012.



Stacy L. Sneed, CPA, CICA, Director
Legislative Post Audit Division

Notification of when the report was released and the location of the report on our website was sent to the Secretary of the Department of Administration to be filed as a public record. Report release notifications were also sent to the West Virginia University School of Medicine; West Virginia University Board of Governors; West Virginia School of Osteopathic Medicine; West Virginia School of Osteopathic Medicine Board of Governors, Marshall University Joan C. Edwards School of Medicine; Marshall University Board of Governors; Senate Education Chair; Governor; Attorney General; and State Auditor.