West Virginia Higher Education Policy Commission

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West Virginia Higher Education Report Card Health Sciences and Rural Health Education Partnerships, 2002

1018 Kanawha Boulevard, East Suite 700 Charleston, WV 25301 **A Policy Commission Report**

WEST VIRGINIA HIGHER EDUCATION POLICY COMMISSION Health Sciences and Rural Health Education Partnerships

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Medical School Enrollment

West Virginia University Health Sciences Center

1997-98 1998-99 1999-00 2000-01 2001-02

	Applicants					
e Medical t (MCAT)	In-State Total	257 1,128	314 1,146	291 998	284 834	223 736
s' for the	Acceptances Issued					
g Sample. nultiple- n a scale Writing	In-State Total	103 109	107 112	101 104	120 126	108 129
e national entering	First Year New Enrollment					
hools in :	In-State Total	81 86	84 88	83 83	87 90	87 98
10.2 10.0	Total Medical Students	356	356	356	358	352
g 9.5 P	Entering Class Data					
PA was	Mean GPA	3.55	3.66	3.68	3.64	3.71
on of olleges.	Mean MCAT Scores Biology/Biological Science Physics/Physical Science Reading/Verbal Reasoning Median Writing Sample	9.4 8.7 9.3 O	9.7 9.2 9.1 O	9.1 8.9 9.0 P	9.2 8.6 8.9 O	9.5 9.2 9.0 O

Average scores for the Medical College Admission test (MCAT) are reported as 'means' for the multiple-choice sections and 'medians' for the Writing Sample. Test scores on the multiplechoices sections are on a scale of 1-15 and, on the Writing Sample, from J-T. The national averages for students entering allopathic medical schools in 2001-02 were:

> Biological Science 10.2 Physical Science 10.0 Verbal Reasoning 9.5 Writing Sample P

The national mean GPA was 3.60.

Source: Association of American Medical Colleges

Medical School Enrollment

Marshall University School of Medicine

1997-98 1998-99 1999-00 2000-01 2001-02

	Applicants					
Medical (MCAT)	In-State Total	274 1,047	310 1,141	293 941	259 893	228 786
s' for the	Acceptances Issued					
y Sample. ultiple- n a scale Vriting	In-State Total	71 74	73 78	74 77	70 72	86 95
	First Year New Enrollment					
nools in	In-State Total	47 48	45 48	47 48	46 48	45 48
10.2 10.0 9.5	Total Medical Students	201	204	209	207	198
9.9 P	Entering Class Data					
PA was	Mean GPA	3.5	3.5	3.5	3.5	3.5
on of Illeges.	Mean MCAT Scores Biology/Biological Science Physics/Physical Science Reading/Verbal Reasoning Median Writing Sample	8.8 8.6 8.9 O	9.1 8.5 9.0 O	9.3 8.7 9.2 O	9.2 8.6 9.2 P	8.8 8.6 9.5 P

Average scores for the Medical College Admission test (MCAT) are reported as 'means' for the multiple-choice sections and 'medians' for the Writing Sample. Test scores on the multiplechoices sections are on a scale of 1-15 and, on the Writing Sample, from J-T. The national averages for students entering allopathic medical schools in 2001-02 were:

> Biological Science 10. Physical Science 10.0 Verbal Reasoning 9.5 Writing Sample P

The national mean GPA was 3.60.

Source: Association of American Medical Colleges

Medical School Enrollment

West Virginia School of Osteopathic Medicine

1997-98 1998-99 1999-00 2000-01 2001-02

	Applicants					
ledical MCAT)	In-State Total	246 2,119	193 1,630	182 1,493	184 1,553	146 1,372
for the s and Sample.	Acceptances Issued					
tiple- a scale iting	In-State Total	54 95	60 100	68 157	69 155	66 176
ational ntering	First Year New Enrollment					
ools in 54	In-State Total	45 66	45 65	50 75	53 77	52 80
04 08 10	Total Medical Students	261	261	274	285	294
	Entering Class Data					
A was	Mean GPA	3.38	3.4	3.43	3.48	3.46
an es of ie.	Mean MCAT Scores Biology/Biological Science Physics/Physical Science Reading/Verbal Reasoning Median Writing Sample	7.2 7.0 7.7 NA	7.3 6.9 7.9 NA	7.2 7.0 7.9 NA	7.7 7.2 7.9 NA	7.4 6.9 7.9 NA

Average scores for the Medical College Admission test (MCAT) are reported as 'means' for the multiple-choice sections and 'medians' for the Writing Sample Test scores on the multiplechoices sections are on a scale of 1-15 and, on the Writing Sample, from J-T. The national averages for students entering osteopathic medical schools in 2001-02 were:

> Biological Science 8.5 Physical Science 8.08 Verbal Reasoning 8.10 Writing Sample O

The national mean GPA was 3.43.

Source: The American Association of Colleges of Osteopathic Medicine.

Performance on Medical Licensure Exams

Number or Examinees/Number Passing

	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
West Virginia University	73/73	76/76	74/74	76/76	83/81	65/65
Marshall University	45/43	43/40	44/41	51/50	43/40	50/47
WV School of Osteopathic Medicine	64/56	60/48	58/54	70/61	59/54	56/55

100% 30° 30% 90% $\mathfrak{G}_{|_o}$ 80% 70% 60% 50% 40% 30% 20% 10% 0% 1996-97 1997-98 1998-99 1999-00 2000-01 2001-02 WVU MU WVSOM

Data for MD students are based on the USMLE Step 3, and data for DO students are based on the Comlex-Level 3. Data are for first-time test takers.

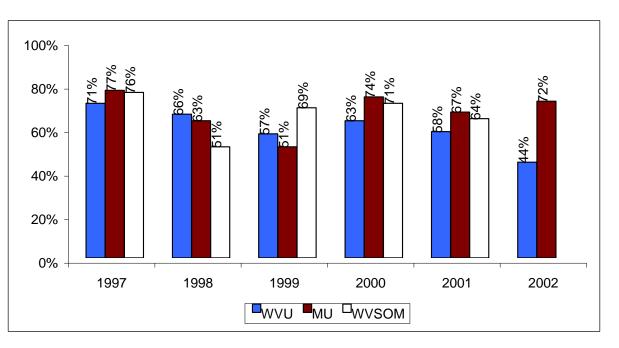
Data for MD students become available two years after graduation, e.g., results for 1999 graduates are shown in 2001-02.

Primary Care Trends

Medical School Graduates Choosing Primary Care Residencies*

		1997	1998	1999	2000	2001	2002
WVU nd 34	WVU Medical	55	60	47	51	54	32
cal imary	MU Medical	37	31	24	32	34	34
, onal	WVSOM	48	32	40	44	39	NA**
	TOTAL	140	123	111	127	127	NA

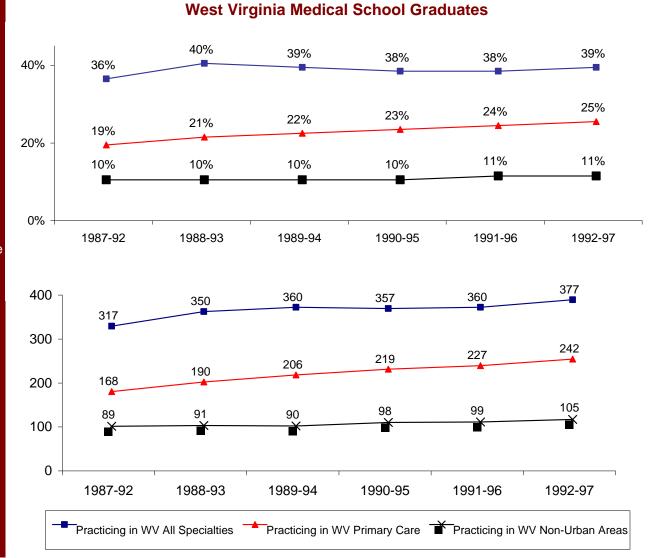
Percentage of Medical School Graduates Choosing Primary Care Residencies, 1997-2001



In 2002, 32 (44%) of WVU medical graduates and 34 (72%) of MU medical graduates choose primary care residencies, compared to a national average of 53% for all allopathic (MD) graduates.

*Primary care is defined as family medicine, internal medicine, pediatrics, and ovstetrics/gynecology.

**Osteopathic students enter a one-year general internship following graduation; they choose a residency the following year. In 2002, 39 (64%) of WVSOM 2001 graduates chose primary care residencies. The national average for osteopathic (DO) graduates is not available.

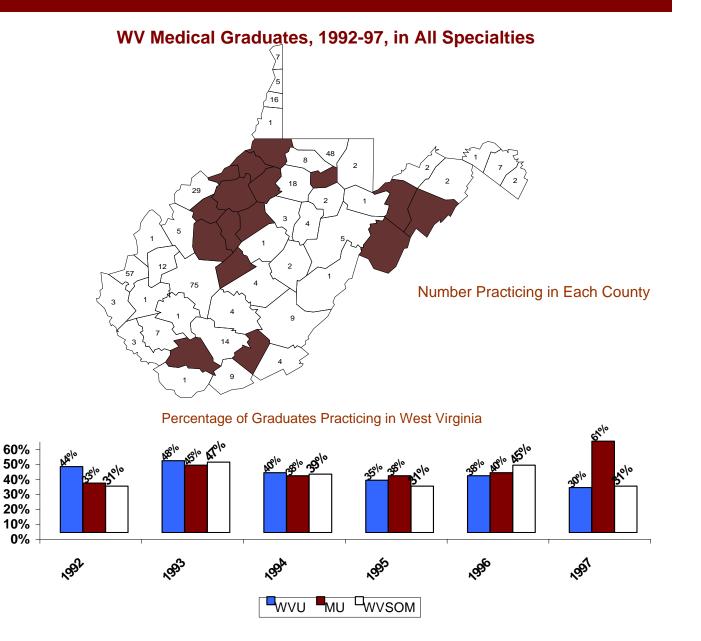


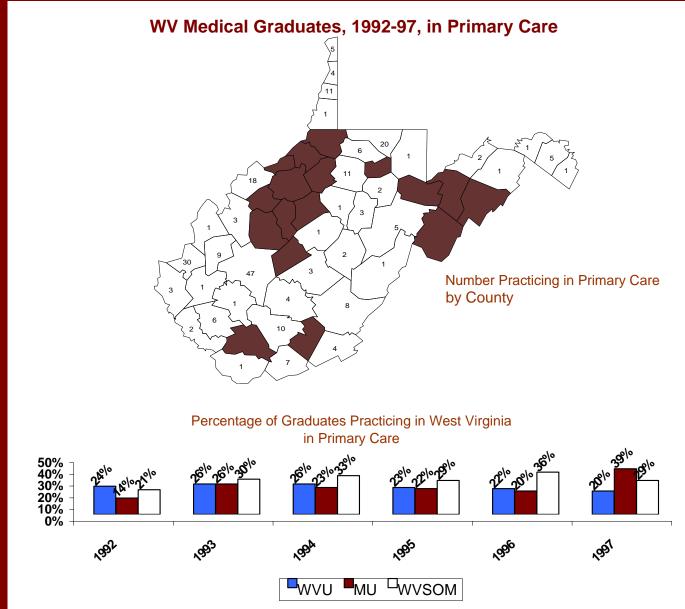
Retention of graduates is tracked annually for a 6year cohort of medical school graduates who have completed residency training. Baseline is the cohort of graduates from 1987-92.

To track the retention of medical school graduates, one must factor in the additional 3 to 5 years of residency training that physicians complete in their specialty before beginning practice. Consequently, the following charts and maps present data on graduates from 1992-1997; 93% of these graduates have completed their training and begun practice.

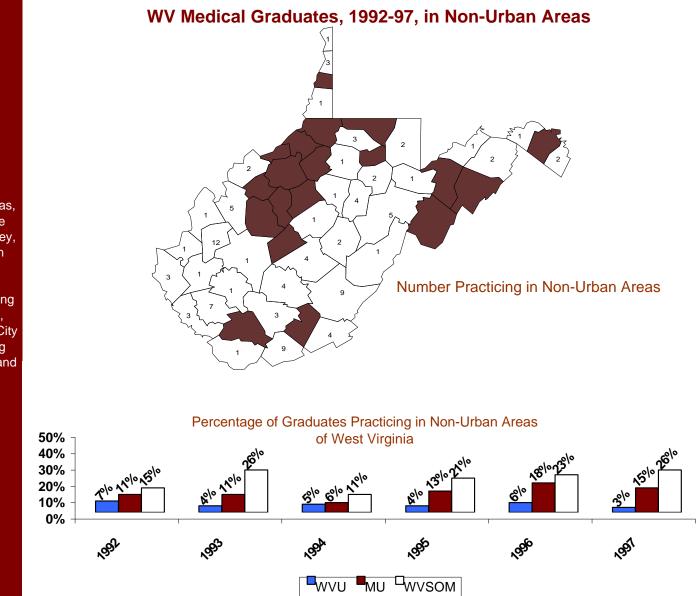
Data for WVSOM exclude SREB contract students who have a contractual obligation to return to their home states following graduation.

In 1998, 32% of the active patient care allopathic (MD) physicians in the United States graduated from home state medical schools. (Source: State Health Workforce Profile, U.S. Department of Health and Human Services, December 2000.)





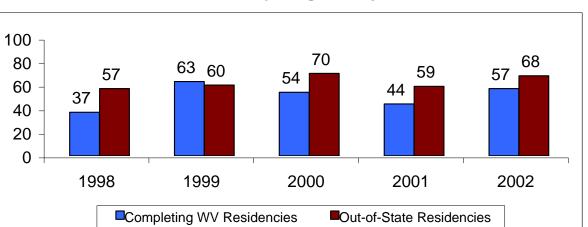
Primary care is defined as family medicine, internal medicine, pediatrics, and obstetrics/gynecology.



The chart and map show graduates in "non-urban" areas, which, by definition, exclude graduates practicing in Beckley, Charleston (including South Charleston, Dunbar, Nitro, Institute, etc.), Clarksburg, Fairmont, Huntington (including Barboursville), Martinsburg, Morgantown, (including Star City and Westover), Parkersburg (including Vienna), Weirton, and Wheeling.

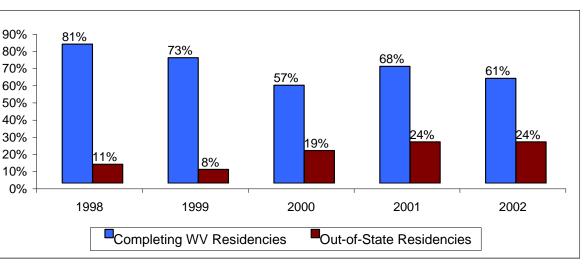
Today's medical school graduates begin practice after completing 3 to 5 years of residency training in a given specialty. Two factors are important in tracking the retention of these graduates: (1) specialty choice, because primary care fields are most needed in rural areas of the state; and (2) location of the residency, because graduates who complete residencies in West Virginia are more likely to practice in the state.

West Virginia is developing graduate medical and nursing education in four regions of the state with a \$2.57 million federal grant through the Area Health Education Center program. This initiative builds on the existing RHEP consortia.



WV Medical Graduates Completing Primary Care Residencies

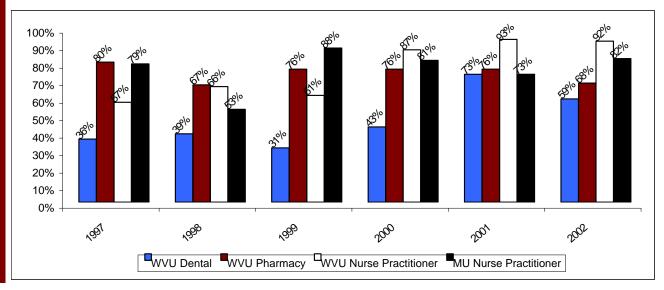
Percentage Practicing in West Virginia



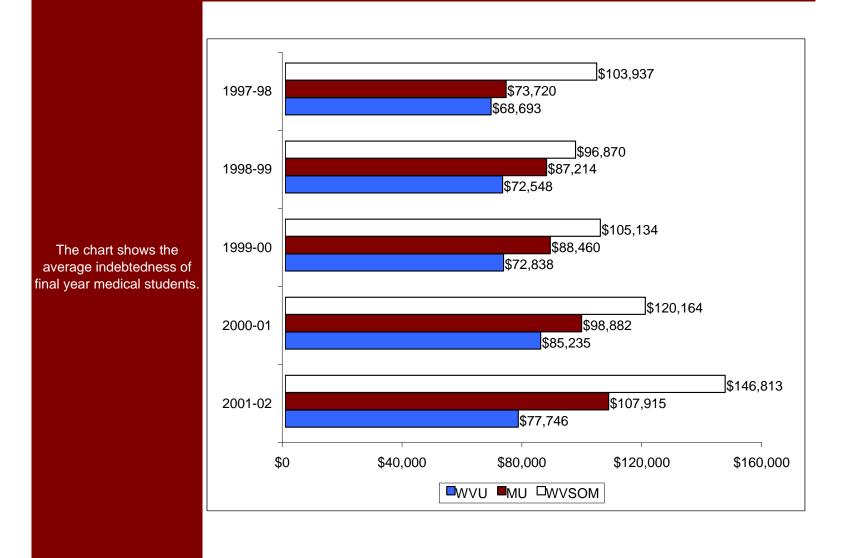


Неа	Health Sciences Graduates, 1996-2001						
	1997	1998	1999	2000	2001	2002	
West Virginia University							
Dental	39	36	32	36	39	37	
Pharmacy	69	87	66	46	49	60	
Nurse Practitioner	32	25	27	26	20	13	
Marshall University							
Nurse Practitioner	14	17	16	16	15	11	

Percentage Practicing in West Virginia



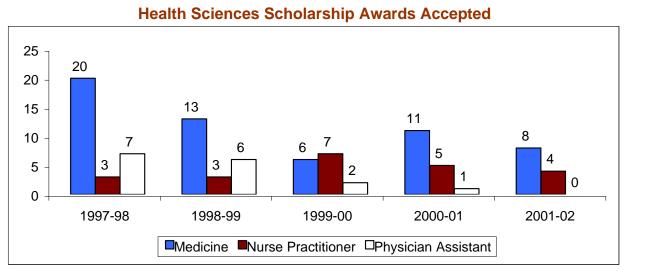
Medical Student Indebtedness



Scholarships and Loans

The Health Sciences Scholarship Program was established in 1995 to provide an incentive for students to practice in underserved areas of West Virginia. Students who receive a \$10,000 scholarship make a twoyear commitment to practice primary care in an underserved area. In 2002, the Legislature increased the award amount to \$20,000 for medical students and added a new category of eligibility - nurse educators.

The Health Education Student Loan Program was established in 1991 to assist state medical students. Awards are made from the Medical Student Loan Program component of the program, which is funded by a portion of the medical education fee paid by medical students. Borrowers may earn loan forgiveness for practicing in an underserved area or in a medical shortage field.



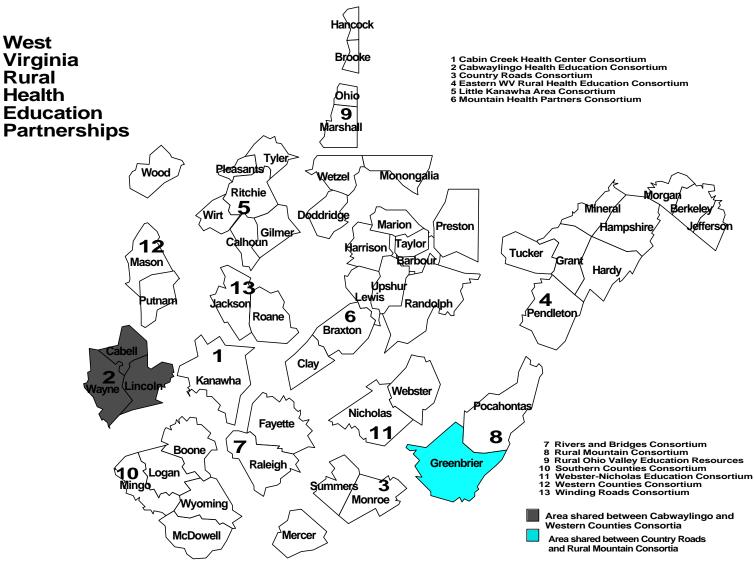
Health Education Student Loan Program

	1997-98	1998-99	1999-00	2000-01	2001-02
Loans Awarded	273	201	258	370	282
Loan Forgiveness	21	13	19	10	20

Rural Health Education Partnerships

In 2002, the Rural Health **Education Partnerships** (RHEP) partners celebrated ten years of introducing students to the rewards and challenges of rural practice through training in rural communities. To date, West Virginia is the only state in which the public higher education system holds completion of training in rural underserved areas as a degree requirement for some ten different health care disciplines.

Beginning in 2002, RHEP tracks service-learning activities, health prevention, and wellness services provided by students according to the West Virginia Healthy People 2010 objectives. This effort will help gauge the impact of rural training on services in these communities, as recommended by the Future Visions Workgroup in 2000.

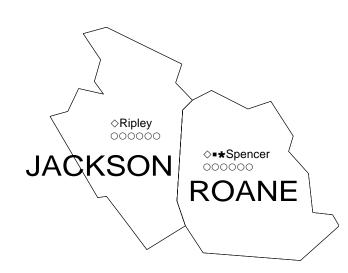


Winding Roads Health Consortium

The Appalachian Adventure was developed by Winding Roads Health Consortium nine years ago. It is an opportunity for students, faculty, and community members to learn more about the culture, history, and people of West Virginia. The curriculum helps health care professionals better understand their roles and relationship to the community's needs.

As an interdisciplinary team session (IDS), it allows students to leave the boundaries of the Learning Resource Center or clinic setting and take a different approach to the learning process. Students can interact on a more personal level, gain a perspective of other disciplines, understand limitations of care within their own disciplines, and begin to build a team concept of health care.

Family Health Care, the Lead Agency of the consortium, was one of the three original Kellogg Community Partnerships that began in 1992. The consortium has been hosting students for almost 11 years and, with the creation of RHEP in 1996, added Jackson County to its service base.



Training Sites

Roane County Family Health Care, Lead Agency Roane General Hospital Brannon Dental Associates Staats Pharmacy Roane General Medical Clinic Roane County Schools (Nursing)

Jackson County Jackson General Hospital Dr. James Gaal (Internal Medicine) Dr. Al-Mahayri (Surgery) Dental Care Associates Wal-Mart Pharmacy Fruth Pharmacy

Town Lead Agency Training Sites Learning Resource Center★

Former Students Recruited

Physicians

4

1

- 4 Physician Assistants
 - Dentist
- 4 Pharmacists
- 2 Family Nurse Practitioners
- 1 Dental Hygienist

Training Consortia Infrastructure

The RHEP infrastructure covers the most underserved area of 47 counties and includes the following:

Thirteen training consortia, with local boards of directors, linking 318 training sites; Nearly 600 rural health care professionals serving as field faculty; and Learning resource centers at 17 locations, 9 of which are connected to statewide educational programs through MDTV.

Training sites include rural hospitals; health centers; private physicians, dentists, and pharmacies; public health departments; human service agencies, mental health centers; schools; other health care organizations (e.g., home health); and community agencies.

Consortium		Training				
Lead Agency and Sub sites	Counties	Sites*		Number of Fi	eld Fa	aculty
Cabin Creek Health Consortium	Underserved		7	Medicine	3	Pharmacy
Cabin Creek Health Center	areas of Kanawha	9	1	Dental	9	Nursing
	Cabell, Wayne,		19	Medicine	3	Pharmacy
Cabwaylingo Health Education Consortium	and Lincoln		2	Dental	4	Nursing
Ft. Gay Family Health Center		10				
			26	Medicine	5	Pharmacy
	Monroe,		1	Dental	2	Nursing
Country Roads Consortium	Greenbrier, and		1	Social Work	1	Physical Therapy
Monroe Health Center	Summers	12	1	Physician Assistant		
	Grant, Hardy,		27	Medicine	8	Pharmacy
Eastern WV Rural Health Education	Hampshire,		1	Dental	18	Nursing
Consortium	Mineral,					-
Grant Memorial Hospital	Pendleton, and	00	1	Physician Assistant	1	Midwifery
	Tucker	26	1	Occupational Therapy	4	Physical Therapy
			2	Psychology	1	Social Work
	Berkeley,		37	Medicine	5	Nursing
	Jefferson, and		2	Dental	3	Physical Therapy
City Hospital	Morgan	15	1	Occupational Therapy	10	Pharmacy
	Oally and Ditable		9	Medicine	5	Pharmacy
	Calhoun, Ritchie, Gilmer, Pleasants,		1	Dental	6	Nursing
Little Kanawha Area Consortium	Tyler, and Wirt	15	4	Physician Assistant	0	Nursing
	Tylor, and Witt	10	26	Medicine	7	Nursing
			3	Dental	9	Physical Therapy
Mountain Health Partners Consortium	Barbour, Lewis,		1	Med. Tech	1	Occupational Therapy
St. Joseph's Hospital	Randolph, and Upshur	37	9	Pharmacy		
St. Joseph's Hospital	Opsilui	57	9	Fildiniacy		
			9	Medicine	6	Nursing
			1	Dental	1	Physical Therapy
Braxton County Memorial Hospital	Braxton and Clay	16	3	Physician Assistant	2	Pharmacy
			27	Medicine	26	Nursing
			5	Dental	1	Social worker
	Teules Devices		2	Physician Assistant	17	Physical Therapy
	Taylor, Harrison,		8	Pharmacy	2	Medical Technology
Grafton City Hospital	Preston, and Marion	59	1	Occupational Therapy	2	medical recimology
	IVIATION	59		Occupational merapy		

Training Consortia Infrastructure

	Consortium		Number of Training				
	Lead Agency and Subsites	Counties	Sites*		Number of F	Field Fa	culty
				12	Medicine	5	Pharmacy
RHEP field faculty are rural	Rivers and Bridges Consortium	Fayette and		2	Dental	5	Nursing
practitioners who also	New River Health Association, Inc.	Raleigh	11	4	Physician Assistant	2	Midwifery
		Greenbrier and		15	Medicine	1	Pharmacy
teach students. In 2002,	Rural Mountain Consortium	Pocahontas		1	Dental	2	Nursing
the theme of the annual	Rainelle Medical Center, Inc.	robarioritas	23			4	Physical Therapy
Faculty Development	Rural Ohio Valley Education Resources			8	Medicine	3	Nursing
Conference was "Building	(ROVER) Consortium			2	Pharmacy	2	Physical Therapy
a Foundation for Effective	Cameron Community Health Center	Marshall and Ohio	12				
Clinical Education."	Southern Counties Consortium			25	Medicine	4	Pharmacy
		Boone, Logan,		1	Physical Therapy	3	Nursing
The Faculty Development		McDowell, Mingo,	. –	2	Dental		
Committee is continually		and Wyoming	17	2	Physician Assistant	2	Dhannaau
looking at ways to make				. –	Medicine	3	Pharmacy
education more accessible	Webster-Nicholas Education Consortium	Webster and		1	Dental	1	Nursing
to busy rural preceptors.	Camden-on-Gauley Medical Center	Nicholas	9	10	Physician Assistant	2	Physical Therapy
				31	Medicine	1	Nursing
The committee is exploring		Lincoln, Mason,		2	Dental	6	Physical Therapy
the idea of regionalized		Putnam, Wayne,		2	Pharmacy		
programs that could be	Western Counties Consortium	and rural portions					
offered several times a	Pleasant Valley Hospital	of Cabell	35				N
year.				7	Medicine	1	Nursing
	Winding Roads Health Consortium	Roane and		3	Dental	1	Physical Therapy
	Roane County Family Health Care	Jackson	12	7	Pharmacy		D
		T		297	Medicine	77	Pharmacy
		Totals		28	Dental	99	Nursing
				27	Physician Assistant	51	Physical Therapy
				3	Medical Technology	4	Occupational Therapy
				3	Social Work	3	Midwifery
		l	318	2	Psychology	504	
					Field Faculty	594	

Student Evaluation

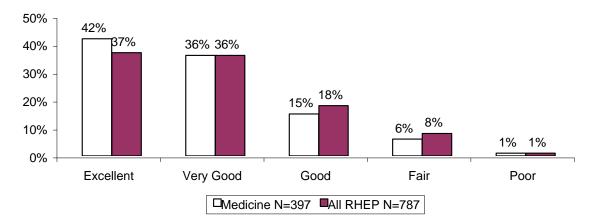
How would you rate the overall educational quality of the rotation?

"... one of the two or three best rotations that I've had. My experiences were more than memorable, some actually changed the way I practice medicine."

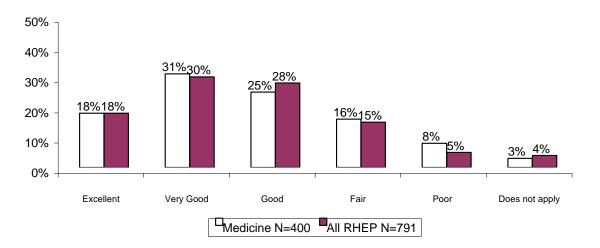
Physician in residency training

"The best experience was my interaction with the patients ... They taught me the most about rural practice; I learned how important it is to give back to the community."

Dentistry Student



How would you rate the educational value of the community service project?



Student Evaluation

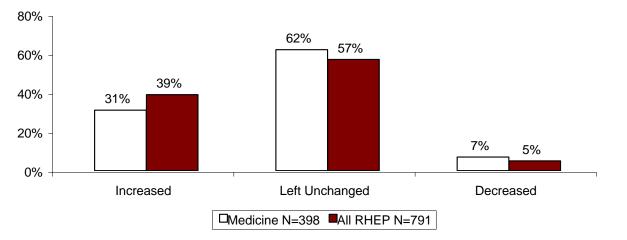
Did your rural rotation increase, decrease or leave unchanged your interest in rural health?

"Home visits taught me the unique conditions of a rural setting. Due to the relative isolation of patients ... home visits are often necessary, not to mention unbelievably rewarding. The patients' appreciation makes an extra hour of work something to look forward to..."

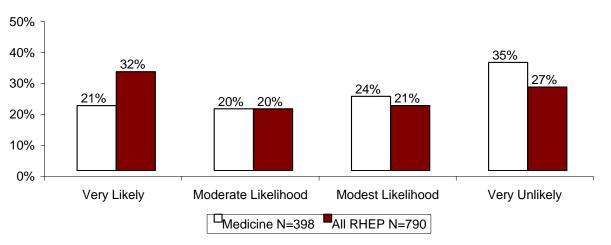
Medical Student

"My ER experience taught me the most about rural practice. Not only was I able to perform various skills ... but the staff was very helpful. In a larger hospital setting, students do not normally get much attention or assistance.

Nursing Student



How likely are you to live and work in West Virginia after training?

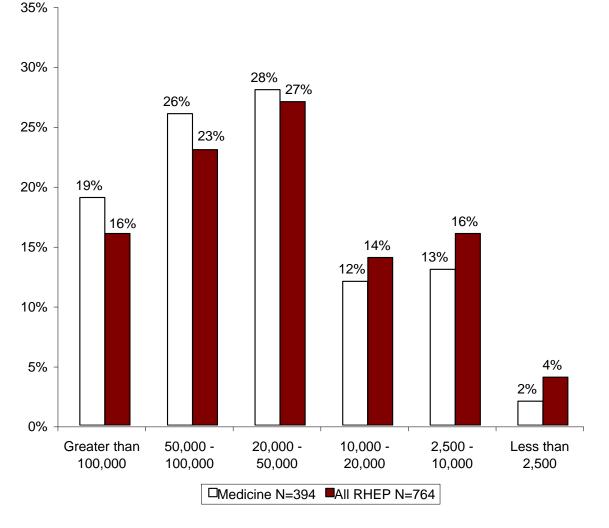


Student Evaluation

In what size city/town do you think you will practice after training?

The Health Sciences and Technology Academy (HSTA) is working in partnership with RHEP to create an educational pipeline for health sciences students. HSTA reaches out to minority and disadvantaged students in 23 counties and helps them prepare for higher education and health care careers. Students progress through four years of training with local teachers and campusbased faculty and if successful qualify for full tuition and fee waivers at state-supported schools.

In 2002, 106 seniors completed the HSTA program. Currently, there are 674 students and 61 teachers in HSTA. The college going rate for HSTA graduates is 96%.



Community Service Contacts

RHEP pu for promo providing communi activities the sta

RHEP st averag commun montl 156,7

RHEP de students proce patient facult outreach West Vi sites und

The CAR Dete Commun to inc screened

June 1, 2001 - May 31, 2002

	Consortium	Prevention and Education for General Public	Prevention and Education for Adults	Prevention and Education for Children	Total
provides an infrastructure	Cabin Creek Health Consortium	8.866	7,429	8,145	24,440
	Cabwaylingo Health Education Consortium	445	80	0,140	525
	County Roads Consortium	5,871	1,290	2,374	9,535
tate to all age groups of West Virginians.	Eastern WV Rural Health Education Consortium				,
students, faculty, and staff	Grant Memorial Hospital	991	1,603	5,300	7,894
aged more than 13,000 nity service contacts each	City Hospital, Martinsburg Little Kanawha Area Consortium	1,373	2,863	6,966	11,202
th - totaling more than			276	2,871	3,147
750 for the entire year.	Mountain Health Consortium				
dental and dental hygiene s performed 9,296 clinical	St. Joseph's Hospital	2,158	1,550	2,402	6,110
edures for about 4,500 nts. Also, students and	Braxton County Memorial Hospital	3,166	716	1,477	5,359
ulty participated in 350	Grafton City Hospital	12,779	584	1,819	15,182
virginians. RHEP dental	Rivers and Bridges Consortium	2,376	1,899	2,663	6,938
ncompensated care.	Rural Mountain Consortium	10,770	421	3,868	15,059
ARDIAC (Coronary Artery ection in Appalachian	Rural Ohio Valley Education Resources (ROVER) Consortium	2,005	1,189	4,778	7,972
nities) program expanded iclude 27 counties and ed 3,853 fifth graders from	Southern Counties Consortium	3,303	587	1,601	5,491
183 schools.					
	Webster-Nicholas Education Consortium	700	139	1,381	2,220
	Western Counties Consortium	10,961	779	2,186	13,926
	Winding Roads Health Consortium	18,160	1,984	1,610	21,754
	Totals	83,924	23,389	49,441	156,754

Student Rotations

	RHEP		Other Rural Sites			RHEP		Other Rural Sites	
	Student	Student	Student	Student		Student	Student	Student	Student
County	Rotation	Weeks	Rotation	Weeks	County	Rotation	Weeks	Rotation	Weeks
Barbour	4	24			Mingo	5	27		
Berkeley	63	326	10	30	Monroe	6	41		
Boone	17	79	1	4	Monongalia	1	14	8	87
Braxton	30	182	3	12	Morgan	18	91	2	7
Brooke			5		Nicholas	37	208	3	7
Cabell	23	103	3		Ohio	6	34		
Calhoun	10	51			Pendleton	2	7		
Clay	3	24	1	5	Pleasants	2	8		
Doddridge					Pocahontas				
Fayette	49	289	12	32	Preston	52	371		
Gilmer					Putnam	53	258	9	12
Grant	47	229	4		Raleigh	10	62	13	42
Greenbrier	119	614	18	78	Randolph	35	147	7	21
Hampshire	10	53	1	2	Ritchie	9	69		
Hancock					Roane	21	95	12	71
Hardy	2	9			Summers	6	37	3	12
Harrison	18	112	1	1	Taylor	43	257	1	2
Jackson	31	165	7	48	Tucker	6	42	3	6
Jefferson	46	186	4	21	Tyler	3	24	1	4
Kanawha	68	485	5		Upshur	47	222	1	4
Lewis	29	133	7	28	Wayne	41	187	2	8
Lincoln	9	36			Webster	18	122		
Logan	38	218	12	63	Wetzel				
Marion	24	123	9	15	Wirt			1	17
Marshall	37	188	4		Wood				
Mason	38	175	7	50	Wyoming	17	70		
McDowell	20	102							
Mercer			2	12	Out of State	1	6	1	12
Mineral	7	54	1	4					
					Totals	1,181	6,359	184	794

Rotations by County: June 1, 2001-May 31, 2002

Students in state-supported health sciences schools must complete mandatory threemonth rotations in rural communities. Dental students, because of unique curricular requirements, complete two-month rotations. This year, students from ten disciplines completed 1,365 rotations in RHEP sites and in other rural settings. The ten disciplines include: clinical psychology, dentistry, dental hygiene, medical technology, medicine, nursing, pharmacy, physician assistant, social work, and physical therapy.

Student Rotations

Rotations by School/Discipline: June 1, 2001 - May 31, 2002

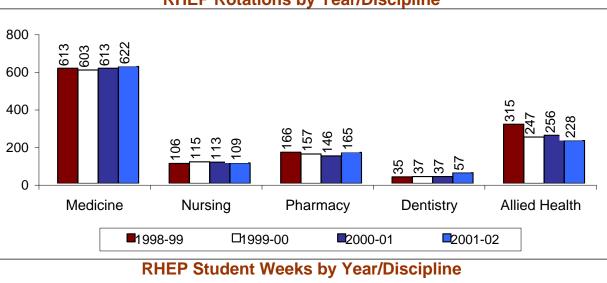
		RHEP		Other Rural Sites		
	School/Discipline:	Student Rotations	Student Weeks	Student Rotations	Student Weeks	
	Alderson-Broaddus					
	Nursing	0	0	0	0	
	Physician Assistant	44	176	7	28	
use the	Mountain State University					
	Physician Assistant	142	718	6	27	
oncept	Occupational Therapy Assistant	2	16			
e rural	Nursing	4	21			
sed	Marshall University					
pproach	Medicine	103	404	4	16	
o learn	Nursing	18	110	1	5	
	Other	1	2	4	30	
n social	West Liberty					
they	Dental Hygiene	1	3			
leaders	WV School of Osteopathic Medicine	266	1,329	31	131	
sionals.	West Virginia University					
nbers	Nursing	61	819	6	84	
with the	Nursing-Charleston	8	135	4	55	
	Physical Therapy	24	288	6	66	
s that	Dentistry	38	234	1	6	
munity	Dental Hygiene	17	102	2	12	
k the	Medicine	167	634	23	50	
in rural	Medicine-Charleston	82	333	3	13	
in ron car	Medical Resident	3	12	5	20	
	Medical Terminology	2	6			
	Pharmacy	165	671	29	32	
	Social Work	1	38			
	Psychology	10	40			
	West Virginia University					
	Institute of Technology					
	Nursing	18	251			
	Dental Hygiene	1	1	19	19	
	Other: Out of State Schools	3	16	33	200	
	Total	1,181	6,359	184	794	

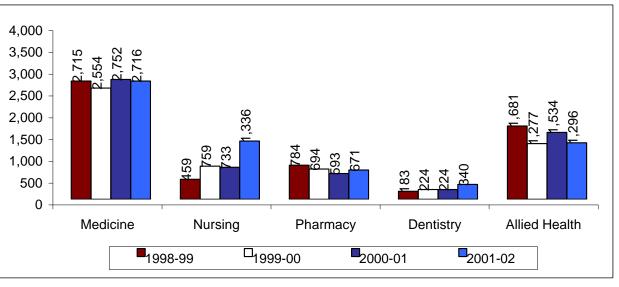
RHEP continues to service-learning c and model in the community-bas curriculum. This ap allows students to ways to engage in responsibility as become educated and health profess Community merr continue to engage students in ways convey rural com values and spar students' interest practice.

Student Rotations

The RHEP Recruitment and Retention Committee coordinates state recruitment and retention efforts, including financial incentives, as a complementary strategy to rural training. Last year, 12 students, including 8 medical students, received \$10,000 scholarships through the Health Science Scholarship Program in exchange for a twoyear commitment to practice in an underserved area. In 2002. the Legislature increased the award amount to \$20,000 for medical students and added a new category of eligibility - nurse educators.

RHEP provides support such as reimbursement of preceptors, housing, and travel stipends for physicians in rural residency training. Last year, physicians who completed 49 rural rotations totaling 202 weeks received some RHEP support.





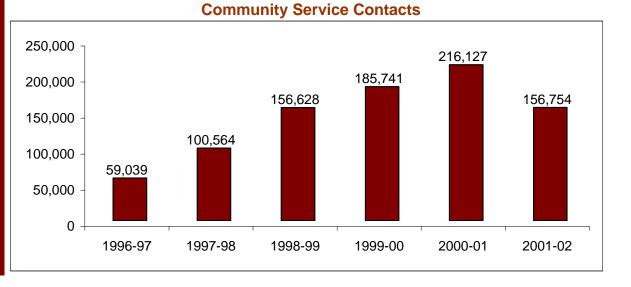
Program Overview

6|639 359 5,836 5,822 5,508 7,000 5,131 6,000 5,000 4,000 1,558 3,000 1,232 1,165 1,123 1,159 1,181 2,000 1,000 0 1996-97 1998-99 1999-00 2000-01 1997-98 2001-02 Rotations DWeeks of Training

RHEP Student Rotations

RHEP provides a wide variety of community services, such as:

Health Fairs Screening (blood pressure, glucose, etc.) Diabetic Cookbook Classes Energy Express Flood Relief Clinics Tobacco Awareness High-risk Pregnancy Programs **Recycled Medical Equipment** Habitat for Humanity **Osteoporosis Clinic** Playground Safety Diabetic Foot Screening **Sports Physicals** Oral Hygiene in Childcare Facilities Be Smart, Eat Smart



Program Overview

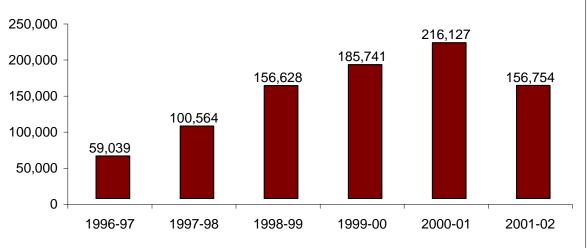
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Work-in-Progress

In West Virginia, community-based health professions education has reached a promising evolutionary stage. This stage is marked by new federal funds through the Area Health Education Center (AHEC) program, increased accountability, and improvements in program evaluaton.

— In 2001, West Virginia received a \$2.57 million AHEC grant to develop graduate medical and nursing education in four regions of the state. Existing RHEP funds have been used as cost share to guarantee the drawdown of these federal dollars. Building on the existing RHEP infrastructure, two local nonprofit AHEC organizations and centers have been developed. A total of 28 trainees have completed AHEC rotations in the Eastern Panhandle area, and the second AHEC in the southwestern part of the state is recruiting its first AHEC team. The southeastern and northern AHECs are under development.

— The State Advisory Panel's Finance Committee continued work on moving to a zero-based budgeting system. This year, the Committee implemented the fiscal policies and recommendations from the previous year's program audit and guided the consortia through a beta test of new guidelines for fixed and variable costs. In addition, funds were set aside from the consortia funding to hire a fiscal officer/accountant to support the Vice Chancellor for Health Sciences and the local consortia.

— The evaluation system used to measure changes in provider and trainee attitudes toward rural practice has been improved, and the response rate from trainees greatly increased. In 2000, the Performance Evaluation and Research Division of the Legislature recommended that RHEP add to TRACKER© the reporting of health professionals recruited to rural areas. Additional funds will be needed to implement this recommendation; however, recruitment information is gathered and verified through a system of manual counts.