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AUTHOR McHewitt, Earl R.
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ABSTRACT

The Virginia Community College System (VCCS) conducted a study of city and county population penetration rates, or the percentages of residents served by VCCS colleges. Using total in-state enrollment for fall 1997, the study found that the percentage of Virginia's population served by the VCCS increased to 1.82%, returning the system to the 1995-96 participation level. In the data tables provided, fall headcount is limited to college service region enrollments. Total population is based on projections developed by the State Data Center, Virginia Employment Commission (June 1993). The within-region penetration rate for the VCCS is 1.67%, up from 1.61% in 1996.. These rates are higher for colleges in the southwestern part of the state, the highest being 3.5% for Southwest Virginia Community College. Virginia's penetration rate nearly equals the national rate of 2.0%. Data tables of penetration rates are provided for the following VCCS colleges: Blue Ridge, Central Virginia, D.S. Lancaster, Danville, Eastern Shore, Germanna, J.S. Reynolds, John Tyler, Lord Fairfax, Mountain Empire, New River, Northern Virginia, Patrick Henry, Paul D. Camp, Piedmont VA, Rappahannock, Southside WV, Southwest VA, Thomas Nelson, Tidewater, Virginia Highlands, Virginia Western, and Wytheville. (YKH)

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VIRGINIA COMMUNITY COLLEGE SYSTEM

Research Report Series

Population Penetration Rates By City and County Fall Term 1997

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Population Penetration Rates
By City and County
Fall Term 1997



Earl R. McHewitt
Academic Services & Research
(804) 225-2297

January 1998

Using total in-state enrollment, the percentage of Virginia's population served by the VCCS increased this fall to 1.82, returning the system to the 1995-96 participation level.

In the tables, fall headcount (mid-term) is limited to colleges' service region enrollments. Total population is based on projections developed by the State Data Center, Virginia Employment Commission (June 1993). Penetration is headcount as a percentage of the total population. The within-region rate for the VCCS is 1.67, up from 1.61 percent last year. This rate is most comparable to college service region rates. Within-region rates are generally higher for colleges in the southwestern part of the state, the highest being 3.5 percent for Southwest Virginia Community College.

Using the most recent information for national and regional comparisons, Virginia's rate is the same as that for two-year colleges in the SREB states, 1.9 percent, and nearly equals the national rate, 2.0 percent. Total enrollments are used for these comparisons.

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=BLUE RIDGE

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
AUGUSTA COUNTY	57,128	923	1.62
HARRISONBURG CITY	33,036	344	1.04
HIGHLAND COUNTY	2,468	12	0.49
ROCKINGHAM COUNTY	60,680	647	1.07
STAUNTON CITY	24,566	318	1.29
WAYNESBORO CITY	18,795	183	0.97
	=====	=====	
REGION	196,673	2,427	1.23

8 indicates that the city or county is shared with another college

VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=CENTRAL VIRGINIA

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
AMHERST COUNTY	28,947	570	1.97
APPOMATTOX COUNTY	12,799	213	1.66
BEDFORD CITY	6,112	56	0.92
BEDFORD COUNTY	52,276	577	1.10
CAMPBELL COUNTY	48,499	977	2.01
LYNCHBURG CITY	66,295	1,220	1.84
	=====	=====	
REGION	214,928	3,613	1.68

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=D. S. LANCASTER

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
ALLEGHANY COUNTY	12,680	302	2.38
BATH COUNTY	4,588	146	3.18
BOTETOURT COUNTY	S 13,020	93	0.71
BUENA VISTA CITY	6,259	171	2.73
CLIFTON FORGE CITY	4,412	119	2.70
COVINGTON CITY	6,484	154	2.38
LEXINGTON CITY	6,992	51	0.73
ROCKBRIDGE COUNTY	18,670	326	1.75
	=====	=====	
REGION	73,105	1,362	1.86

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=DANVILLE

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
DANVILLE CITY	52,663	1,049	1.99
HALIFAX COUNTY	S 14,182	752	5.30
PITTSYLVANIA COUNTY	55,541	1,346	2.42
SOUTH BOSTON CITY	S 3,539	111	3.14
	=====	=====	
REGION	125,925	3,258	2.59

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=EASTERN SHORE

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
ACCOMACK COUNTY	32,200	451	1.40
NORTHAMPTON COUNTY	12,662	204	1.61
	=====	=====	
REGION	44,862	655	1.46

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=GERMANNA

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
CAROLINE COUNTY	20,127	173	0.86
CULPEPER COUNTY	32,329	390	1.21
FREDERICKSBURG CITY	20,050	407	2.03
KING GEORGE COUNTY	S 7,638	101	1.32
MADISON COUNTY	13,264	124	0.93
ORANGE COUNTY	23,533	246	1.05
SPOTSYLVANIA COUNTY	70,558	1,215	1.72
STAFFORD COUNTY	77,202	667	0.86
	*****	*****	
REGION	264,701	3,323	1.26

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=J S. REYNOLDS

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
GOOCHLAND COUNTY	16,236	257	1.58
HANOVER COUNTY	73,684	1,374	1.86
HENRICO COUNTY	238,927	3,502	1.47
LOUISA COUNTY	S 10,964	96	0.88
POWHATAN COUNTY	17,637	133	0.75
RICHMOND CITY	196,173	2,214	1.13
	*****	*****	
REGION	553,621	7,576	1.37

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=JOHN TYLER

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
AMELIA COUNTY	9,283	78	0.84
CHARLES CITY COUNTY	6,151	16	0.26
CHESTERFIELD COUNTY	249,083	2,712	1.09
COLONIAL HEIGHTS CITY	15,817	223	1.41
DINWIDDIE COUNTY	22,729	127	0.56
HOPEWELL CITY	22,904	230	1.00
PETERSBURG CITY	35,944	285	0.79
PRINCE GEORGE COUNTY	28,749	211	0.73
SURRY COUNTY	6,327	14	0.22
SUSSEX COUNTY	9,909	27	0.27
	=====	=====	
REGION	406,896	3,923	0.96

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=LORD FAIRFAX

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
CLARKE COUNTY	13,441	148	1.10
FAUQUIER COUNTY	58,508	312	0.53
FREDERICK COUNTY	52,867	1,111	2.10
PAGE COUNTY	23,086	103	0.45
RAPPAHANNOCK COUNTY	7,101	77	1.08
SHENANDOAH COUNTY	34,030	539	1.58
WARREN COUNTY	29,575	473	1.60
WINCHESTER CITY	23,479	380	1.62
	=====	=====	
REGION	242,087	3,143	1.30

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=MOUNTAIN EMPIRE

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
DICKENSON COUNTY	S 8,378	267	3.19
LEE COUNTY	24,066	546	2.27
NORTON CITY	4,030	144	3.57
SCOTT COUNTY	22,606	478	2.11
WISE COUNTY	38,286	1,280	3.34
	=====	=====	
REGION	97,366	2,715	2.79

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=NEW RIVER

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
FLOYD COUNTY	12,314	184	1.49
GILES COUNTY	16,193	324	2.00
MONTGOMERY COUNTY	77,938	1,091	1.40
PULASKI COUNTY	34,291	703	2.05
RADFORD CITY	16,833	471	2.80
	*****	*****	
REGION	157,569	2,773	1.76

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=NORTHERN VA.

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
ALEXANDRIA CITY	118,693	4,162	3.51
ARLINGTON COUNTY	177,285	2,827	1.59
FAIRFAX CITY	19,963	682	3.42
FAIRFAX COUNTY	932,676	13,153	1.41
FALLS CHURCH CITY	9,947	1,380	13.87
LOUDOUN COUNTY	104,648	1,997	1.91
MANASSAS CITY	33,649	492	1.46
MANASSAS PARK CITY	8,096	151	1.87
PRINCE WILLIAM COUNTY	259,521	5,139	1.98
	=====	=====	
REGION	1,664,478	29,983	1.80

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=PATRICK HENRY

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
FRANKLIN COUNTY	S 21,028	216	1.03
HENRY COUNTY	56,710	1,345	2.37
MARTINSVILLE CITY	15,552	437	2.81
PATRICK COUNTY	17,495	319	1.82
REGION	===== 110,785	===== 2,317	2.09

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=PAUL D CAMP

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
FRANKLIN CITY	8,093	361	4.46
ISLE OF WIGHT COUNTY	28,889	207	0.72
SOUTHAMPTON COUNTY	17,304	221	1.28
SUFFOLK CITY	S 28,667	492	1.72
	=====	=====	
REGION	82,953	1,281	1.54

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=PIEDMONT VA.

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
ALBEMARLE COUNTY	75,888	1,417	1.87
BUCKINGHAM COUNTY	S 6,617	65	0.98
CHARLOTTESVILLE CITY	40,717	916	2.25
FLUVANNA COUNTY	13,896	397	2.86
GREENE COUNTY	12,282	298	2.43
LOUISA COUNTY	S 10,964	235	2.14
NELSON COUNTY	13,148	185	1.41
	=====	=====	
REGION	173,512	3,513	2.02

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=RAPPAHANNOCK

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
ESSEX COUNTY	8,768	108	1.23
GLOUCESTER COUNTY	36,434	357	0.98
KING AND QUEEN COUNTY	6,577	93	1.41
KING GEORGE COUNTY	8 7,638	175	2.29
KING WILLIAM COUNTY	12,167	172	1.41
LANCASTER COUNTY	11,458	140	1.22
MATHEWS COUNTY	8,652	119	1.38
MIDDLESEX COUNTY	9,185	188	2.05
NEW KENT COUNTY	11,967	83	0.69
NORTHUMBERLAND COUNTY	11,115	132	1.19
RICHMOND COUNTY	7,483	158	2.11
WESTMORELAND COUNTY	16,131	210	1.30
	=====	=====	
REGION	147,575	1,935	1.31

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=SOUTHSIDE VA.

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BRUNSWICK COUNTY	16,186	372	2.30
BUCKINGHAM COUNTY	S 6,617	140	2.12
CHARLOTTE COUNTY	11,483	323	2.81
CUMBERLAND COUNTY	8,054	91	1.13
EMPORIA CITY	5,214	58	1.11
GREENSVILLE COUNTY	9,877	211	2.14
HALIFAX COUNTY	S 14,182	352	2.48
LUNENBURG COUNTY	11,137	289	2.59
MECKLENBURG COUNTY	29,063	695	2.39
NOTTOWAY COUNTY	15,139	310	2.05
PRINCE EDWARD COUNTY	17,793	330	1.85
SOUTH BOSTON CITY	S 3,539	59	1.67
	=====	=====	
REGION	148,284	3,230	2.18

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=SOUTHWEST VA.

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BUCHANAN COUNTY	29,021	1,077	3.71
DICKENSON COUNTY	S 8,378	266	3.17
RUSSELL COUNTY	27,347	775	2.83
TAZEWELL COUNTY	43,836	1,703	3.88
	=====	=====	
REGION	108,582	3,821	3.52

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=THOMAS NELSON

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
HAMPTON CITY	139,681	1,988	1.42
JAMES CITY COUNTY	41,550	315	0.76
NEWPORT NEWS CITY	180,880	2,365	1.31
POQUOSON CITY	12,331	201	1.63
WILLIAMSBURG CITY	12,262	130	1.06
YORK COUNTY	47,428	718	1.51
	=====	=====	
REGION	434,132	5,717	1.32

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=TIDEWATER

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
CHESAPEAKE CITY	178,165	3,311	1.86
NORFOLK CITY	257,603	2,445	0.95
PORTSMOUTH CITY	103,239	1,577	1.53
SUFFOLK CITY	S 28,667	453	1.58
VIRGINIA BEACH CITY	457,080	7,697	1.68
	-----	-----	
REGION	1,024,754	15,483	1.51

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=VA. HIGHLANDS

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BRISTOL CITY	18,045	270	1.50
SMYTH COUNTY	S 16,610	324	1.95
WASHINGTON COUNTY	45,557	1,009	2.21
	=====	=====	
REGION	80,212	1,603	2.00

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=VIRGINIA WESTERN

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BOTETOURT COUNTY	S 13,020	483	3.71
CRAIG COUNTY	4,684	102	2.18
FRANKLIN COUNTY	S 21,028	685	3.26
ROANOKE CITY	94,255	1,942	2.06
ROANOKE COUNTY	82,322	2,244	2.73
SALEM CITY	23,507	653	2.78
	=====	=====	
REGION	238,816	6,109	2.56

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VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=WYTHEVILLE

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
BLAND COUNTY	6,576	158	2.40
CARROLL COUNTY	26,292	465	1.77
GALAX CITY	6,749	166	2.46
GRAYSON COUNTY	16,105	270	1.68
SMYTH COUNTY	S 16,610	343	2.07
WYTHE COUNTY	25,415	724	2.85
	=====	=====	
REGION	97,747	2,126	2.18

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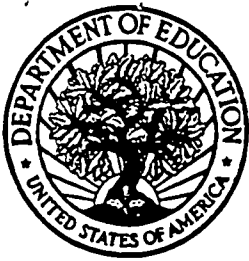
VIRGINIA COMMUNITY COLLEGE SYSTEM

POPULATION PENETRATION RATES
BY CITY AND COUNTY
1997

COLLEGE=VCCS

CITY/COUNTY	TOTAL POPULATION	FALL HEADCOUNT	PENETRATION RATE
VCCS	6,689,563	111,886	1.67

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	E-Mail Address: <i>EMCHWITT@VCLS.CC.VA.US</i>	Date: <i>6/5/98</i>