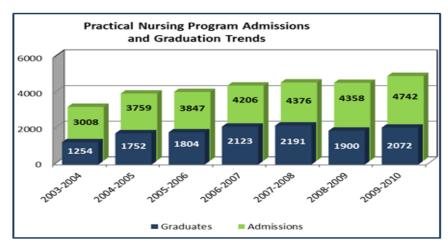# Virginia Healthcare Workforce Data Center
Nurse Education Facts & Trends
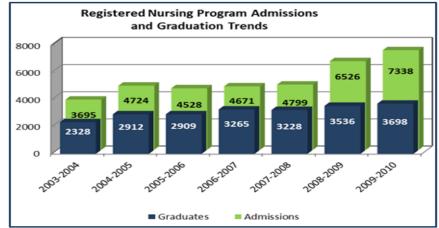### Virginia, 2009-2010 Academic Year
www.dhp.virginia.gov/hwdc/

Practical Nursing Program Admissions and Graduation Trends

Year	Graduates	Admissions
2003-2004	1254	3008
2004-2005	1752	3759
2005-2006	1804	3847
2006-2007	2123	4206
2007-2008	2191	4376
2008-2009	1900	4358
2009-2010	2072	4742

Registered Nursing Program Admissions and Graduation Trends

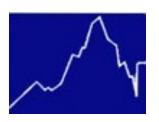| Year	Graduates	Admissions
2003-2004	2328	3695
2004-2005	2912	4724
2005-2006	2909	4528
2006-2007	3265	4671
2007-2008	3228	4799
2008-2009	3536	6526
2009-2010	3698	7338

PRODUCING MORE NURSES

The Healthcare Workforce Data Center's 2009-10 Nurse Education Survey shows that Virginia's nurse education programs elevated 5,700 new nursing graduates in the 2009-10 academic year, including 2072 practical nurse graduates and 3,698 registered nurse graduates. Both registered nursing and practical nursing programs have seen a strong increase in the number of graduates, growing at about an eight percent annualized growth rate since the 2003-2004 academic year. Over the past three years, the number of graduates has grown at just over four percent per year.

REGISTERED NURSING ADMISSIONS INCREASE

The Healthcare Workforce Data Center's 2009-10 Nurse Education Survey shows a significant increase in admissions to Virginia's registered nurse education programs over the past two years. Admissions to registered nurse programs hovered under 4,800 until the 2008-09 academic year when they jumped to 6,528. In the 2009-10 academic year, admissions jumped again, to over 7,300. These students will begin to graduate this spring, likely resulting in a correspondingly large number of new registered nurse graduates.

Virginia Healthcare Workforce Data Center
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Virginia, 2009-2010 Academic Year

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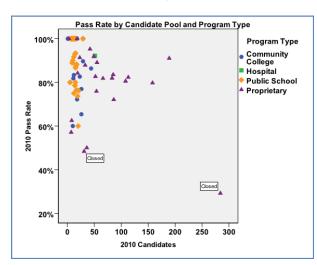
CHALLENGING LABOR MARKET

The Virginia Employment Commission projects steady growth in nursing employment through 2018. However, the Healthcare Workforce Data Center's 2009-10 Nurse Education Survey shows that the growth in nursing graduates has outpaced employment growth. Using VEC projections and current graduation trends, there are 1.72 LPN graduates and 3.49 RN graduates per projected job opening. Health reform should increase nursing employment somewhat, and the Healthcare Workforce Data Center projects a growing RN shortage past 2020. In the short term, however, Virginia risks losing its nursing graduates to other states unless it can find new ways to employ this valuable healthcare resource.

	LPN	RN
2009-10 Graduates	2072	3698
6 Year Annualized Growth Rate	8.73%	8.02%
3 Year Annualized Growth Rate	-0.81%	4.24%
Projected Annualized Employment Growth, 2008-2018[1]	2.5%	2.1%
Projected Annual Job Openings, 2008 to 2018[1]	1,201	1,059
Graduates per Job	1.72	3.49

[1] Source: Virginia Employment Commission, Labor Market Information

VARIATION IN STUDENT SUCCESS

LPN

Pass Rate by Candidate Pool and Program Type

Program Type
- Community College
- Hospital
- Public School
- Proprietary

According to the Healthcare Workforce Data Center's 2009-10 Nurse Education Survey, both RN and LPN programs exhibit wide variation in student success as measured by 2010 NCLEX pass rates. This variation persists across most program and degree types. Student attrition rates also vary widely across program and degree types.

The Board of Nursing works with all programs by monitoring compliance with regulations. Consistently low performance on quality indicators may result in Board action.

RN

Pass Rate by Candidate Pool: Degree Type

Degree Type
- Diploma
- ASN
- BSN
- Accel Masters