

**Balancing the Mission—  
A Five Year Historical Perspective of  
Graduation, Enrollment, and Persistence  
of Career and Technical Education (CTE)  
and Transfer Students**

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# VIRGINIA'S NEEDS

**“Knowledge is the currency of our time.** Young people entering the world of work today will likely change careers seven to ten times over the course of their life. The ability to learn and re-learn—the ability to adapt—will determine the success of our children.

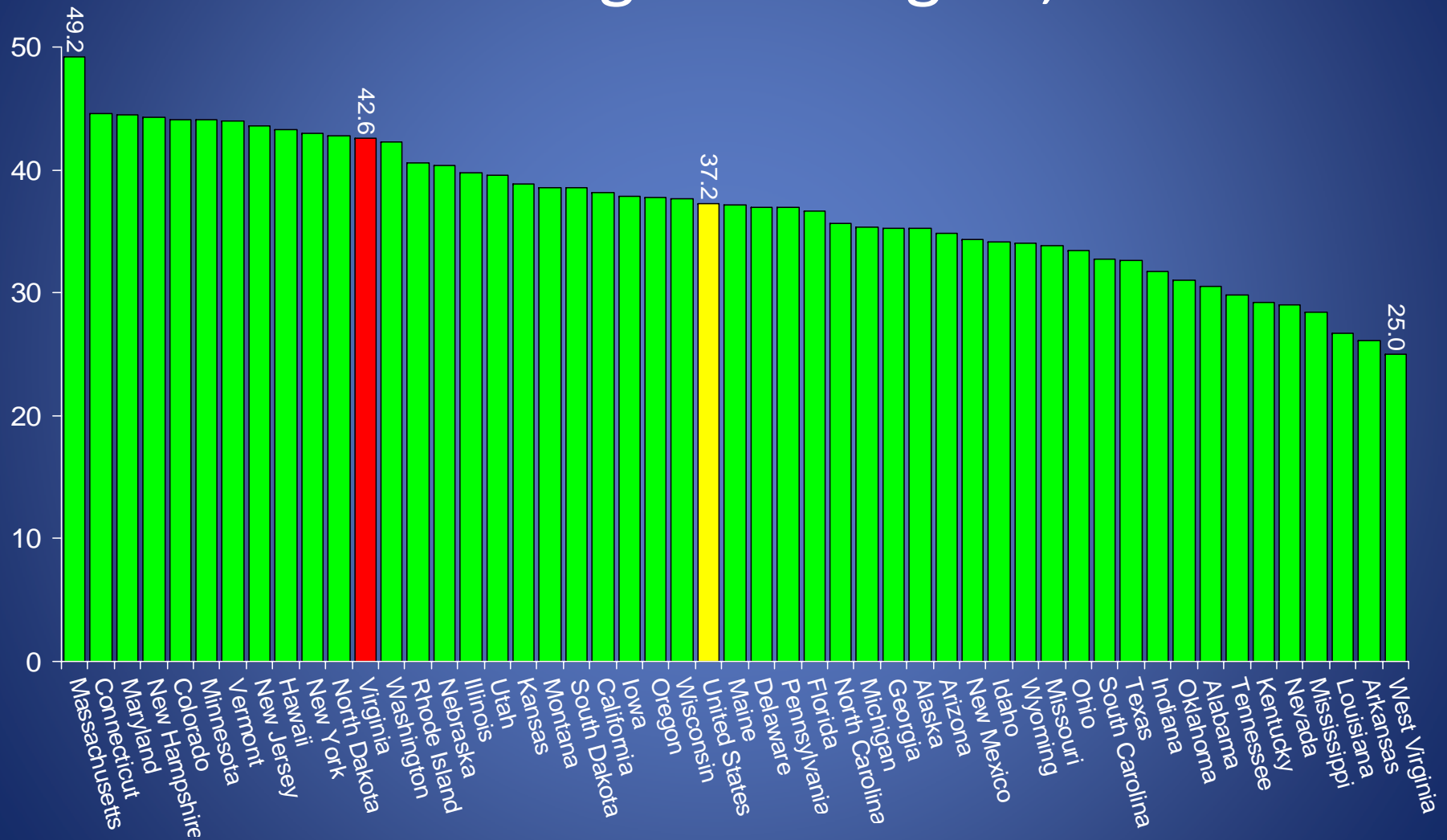
**And that quest for success is not just among individuals.** Today, America faces a world of nations and peoples marshaling their resources to accelerate educational attainment in a global economy that allows them to take opportunities that were once safely ours if we do not compete with the same focus and ingenuity.”

*Governor Tim Kaine, 2006*

# Information Suggests that Virginia Needs More Highly-Educated Citizenry

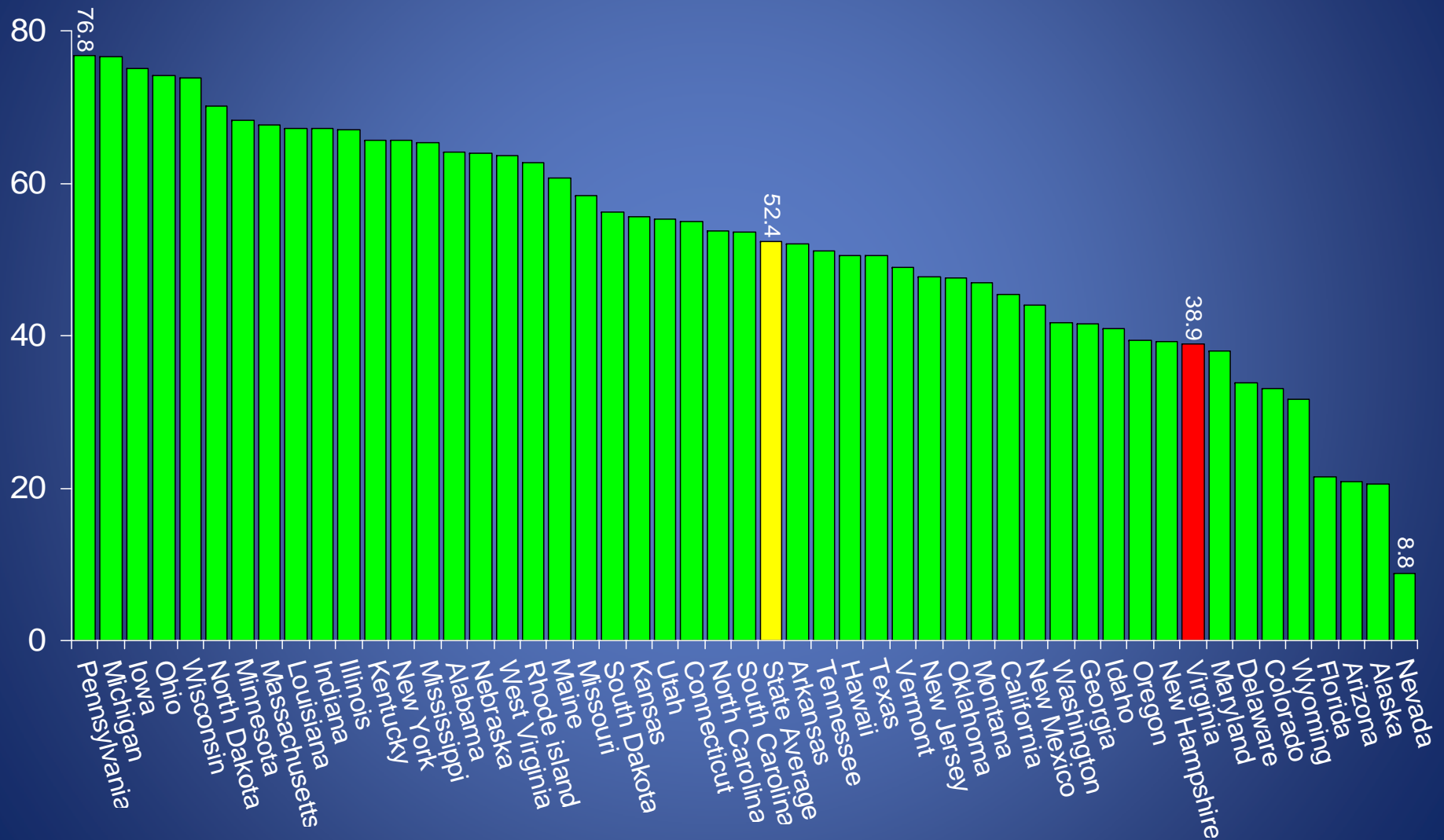
- A competitive workforce is key
  - Typically measured by educational attainment
- Virginia's needs
  - To meet global economic challenges
  - To meet future workforce needs
  - To improve economic circumstances and quality of life of Commonwealth's citizens

# Percent of Population Age 25-64 with an Associate Degree or Higher, 2006



Source: U.S. Census Bureau, 2006 ACS

# Percent of Residents Age 25-64 with an Associate Degree Born In-State, 2005



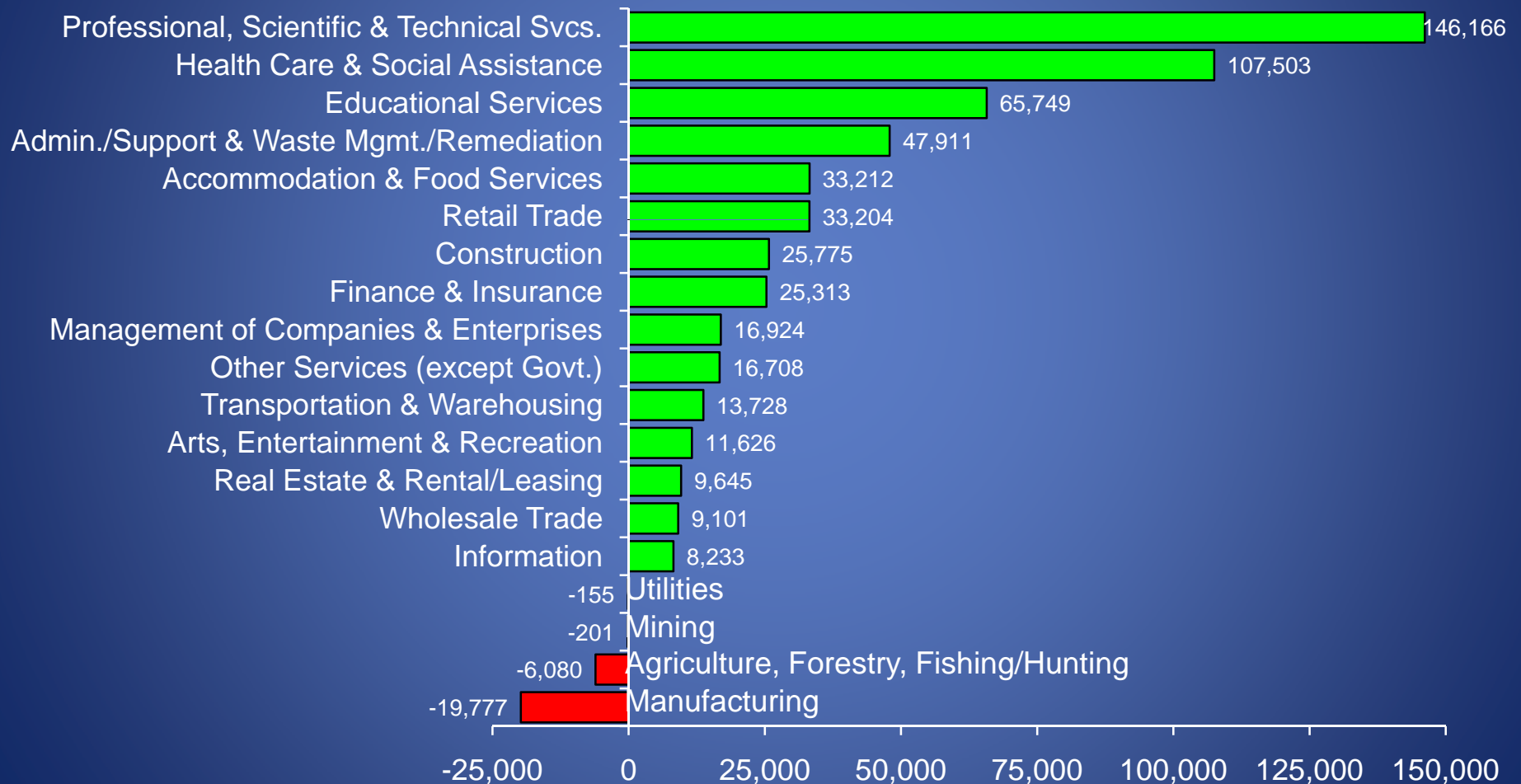
Source: 2005 ACS

# Virginia Employment Forecast by Industry, 2006-16

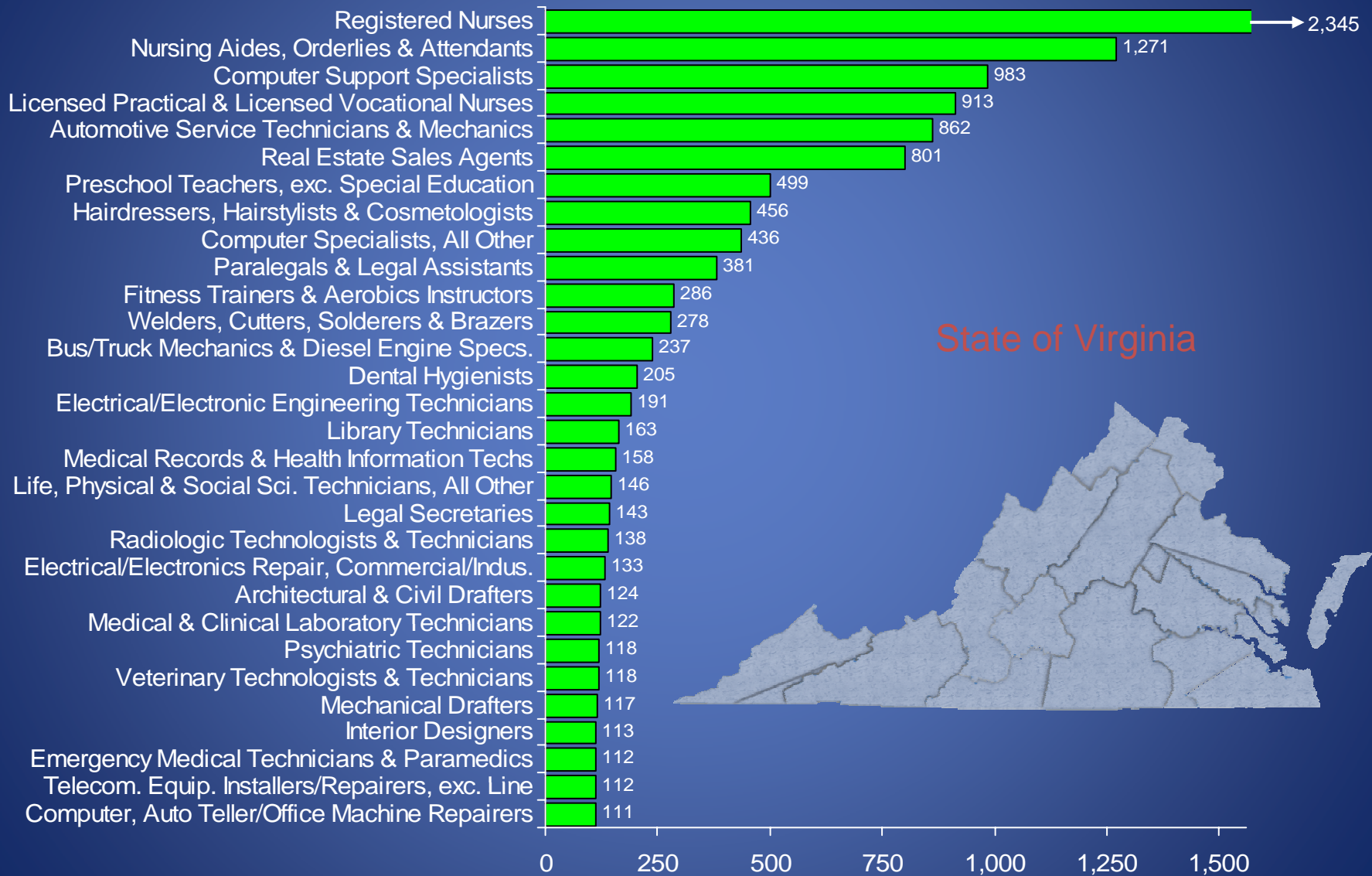
Broad Industry	2006	2016	Change	Percent Change
Professional, Scientific & Technical Services	346,688	492,854	146,166	42.2
Health Care & Social Assistance	344,320	451,823	107,503	31.2
Arts, Entertainment & Recreation	45,504	57,130	11,626	25.5
Admin./Support & Waste Mgmt./Remediation	208,031	255,942	47,911	23.0
Management of Companies & Enterprises	75,038	91,962	16,924	22.6
Educational Services	331,813	397,562	65,749	19.8
Finance & Insurance	134,152	159,465	25,313	18.9
Real Estate & Rental/Leasing	58,410	68,055	9,645	16.5
Other Services (except Govt.)	125,433	142,141	16,708	13.3
Transportation & Warehousing	108,603	122,331	13,728	12.6
Accommodation & Food Services	293,121	326,333	33,212	11.3
Construction	249,352	275,127	25,775	10.3
Information	91,797	100,030	8,233	9.0
Retail Trade	424,036	457,240	33,204	7.8
Wholesale Trade	119,549	128,650	9,101	7.6
Utilities	10,904	10,749	-155	-1.4
Mining	9,417	9,216	-201	-2.1
Manufacturing	287,959	268,182	-19,777	-6.9
Agriculture, Forestry, Fishing/Hunting	60,045	53,965	-6,080	-10.1

Source: Virginia Workforce Connection, Industry Employment and Projections

# Virginia Total Employment Change by Industry, 2006-16



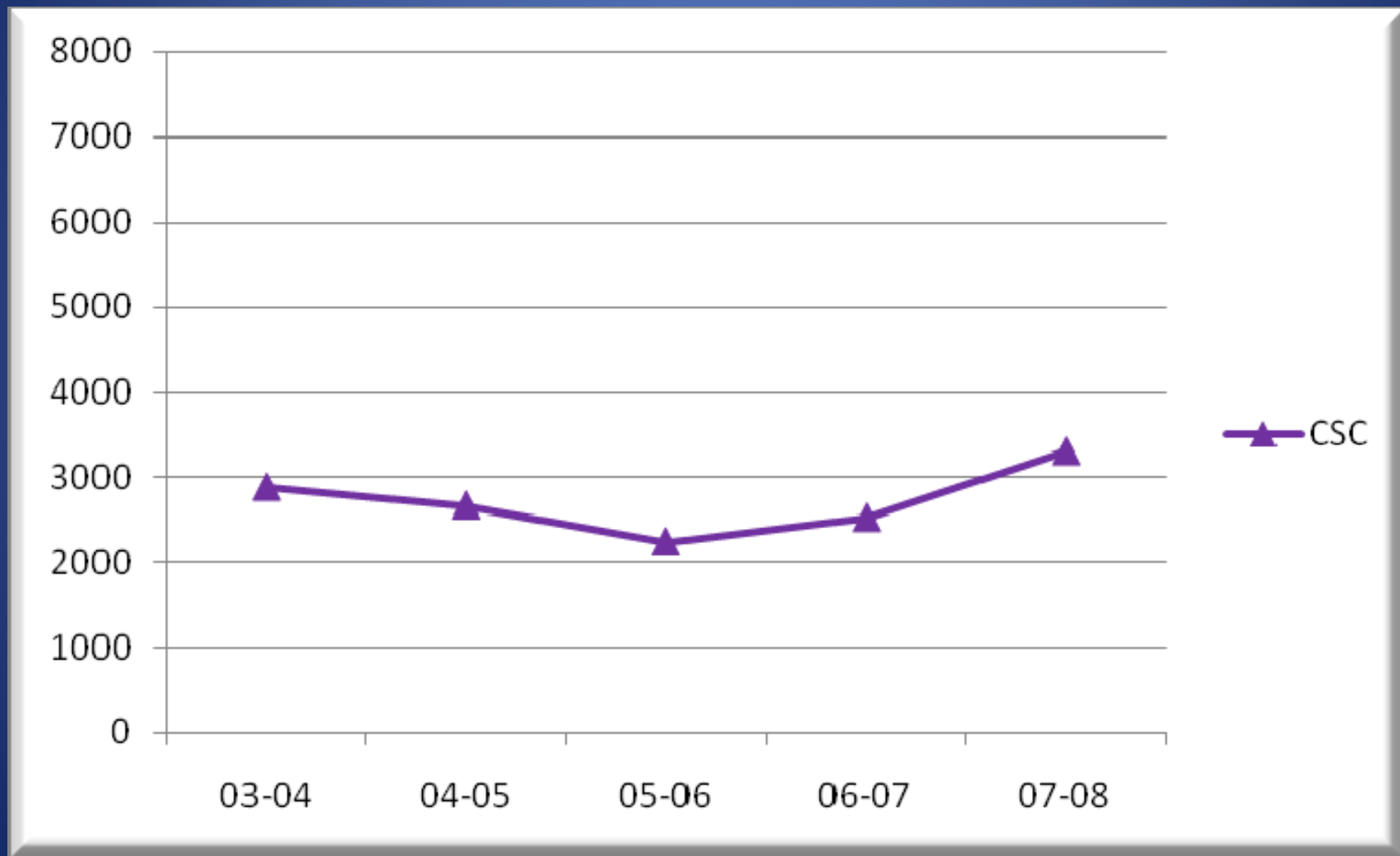
# Occupations with Most Projected Openings Requiring a Postsecondary Certificate or an Associate Degree, 2006-16



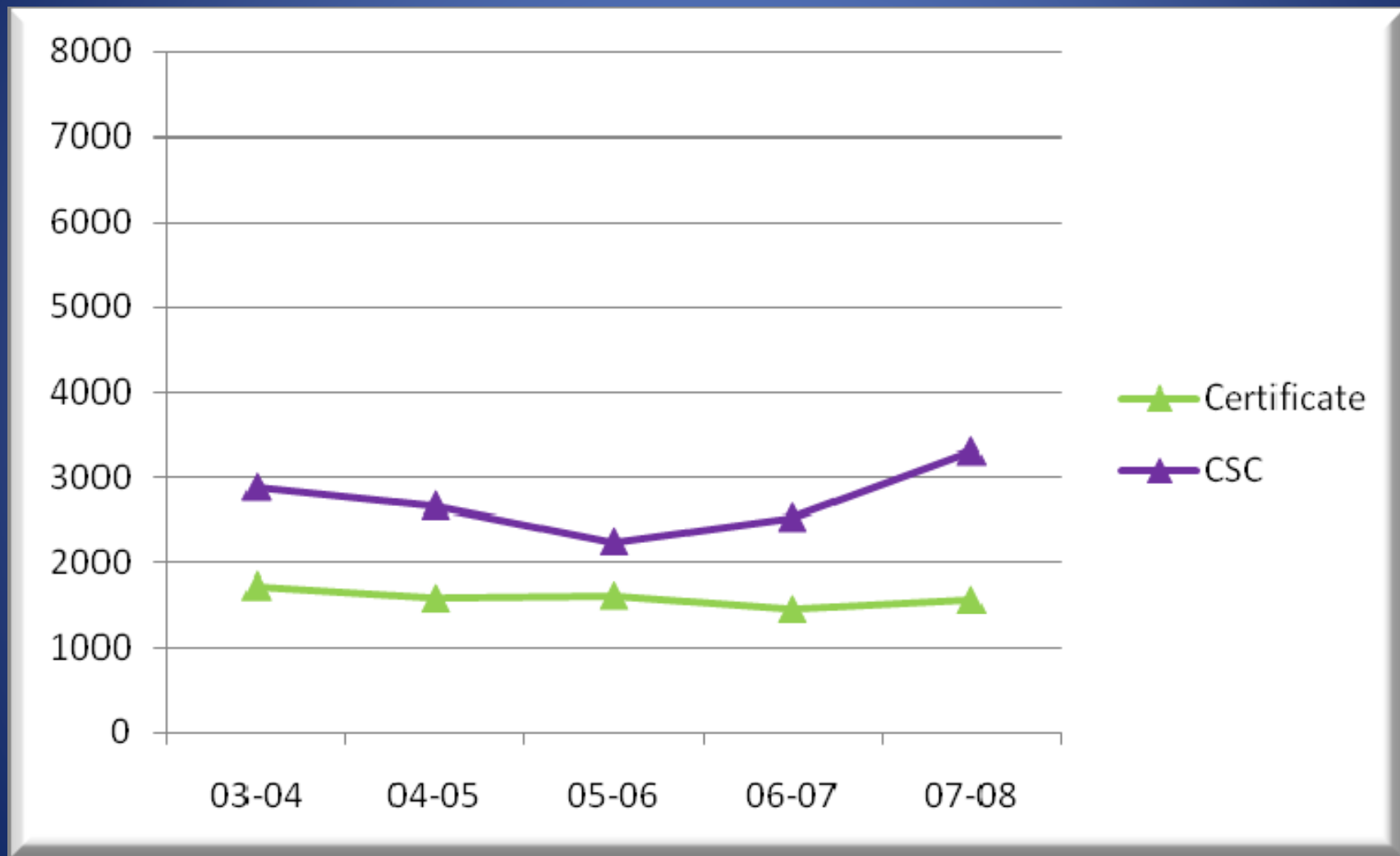
Source: Virginia Workforce Connection, Industry Employment and Projections

# GRADUATION NUMBERS

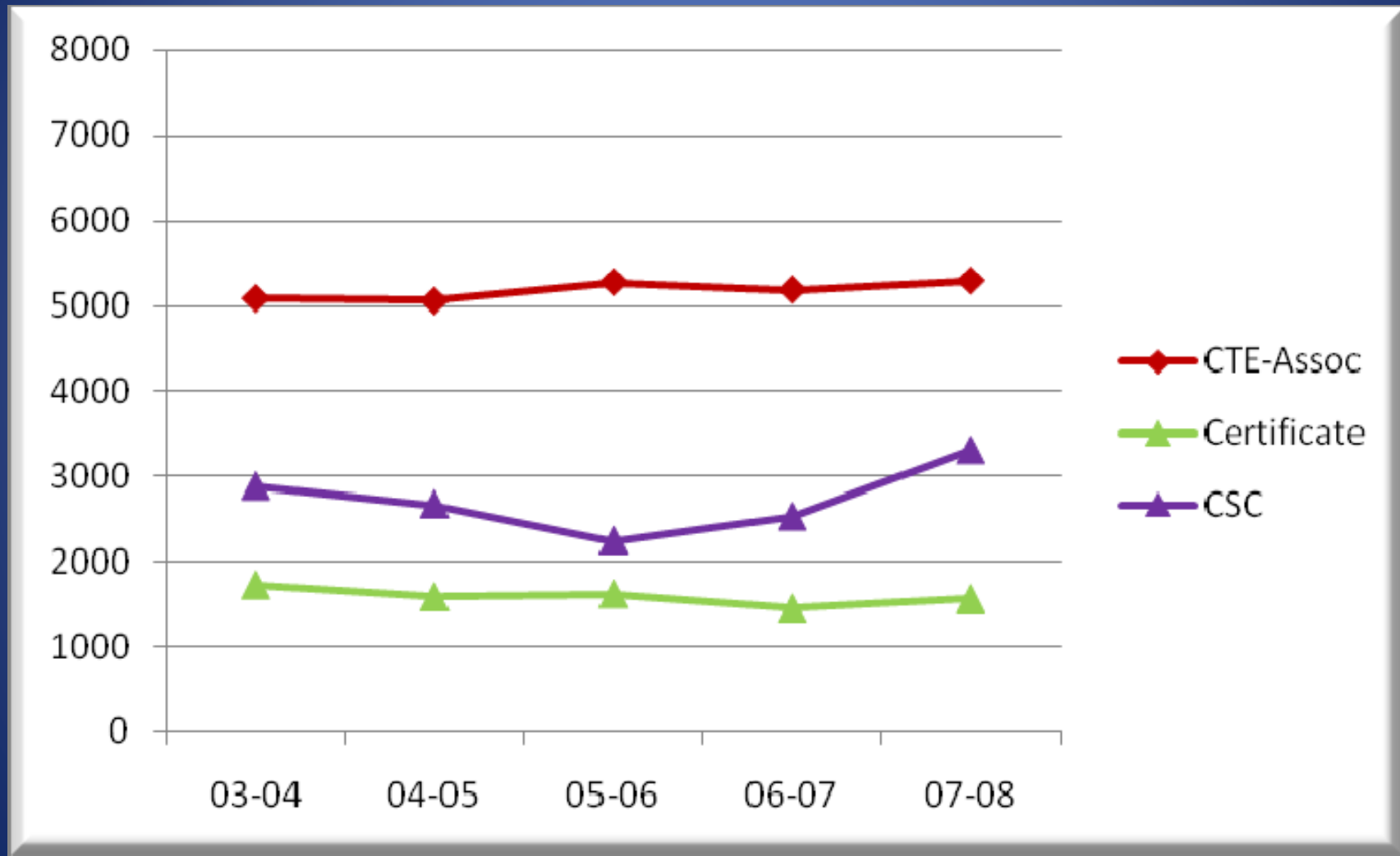
# Trends in Graduation Awards



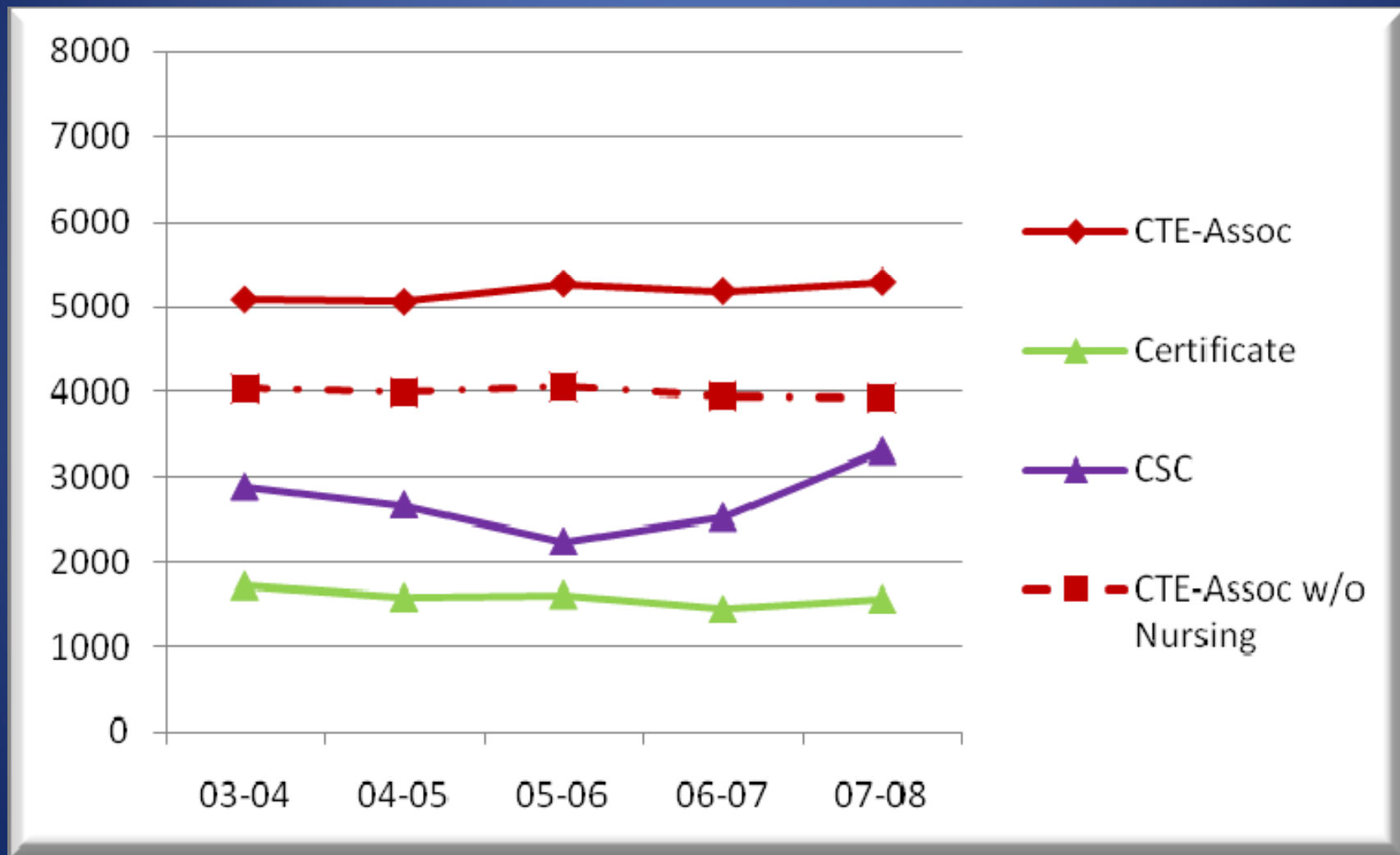
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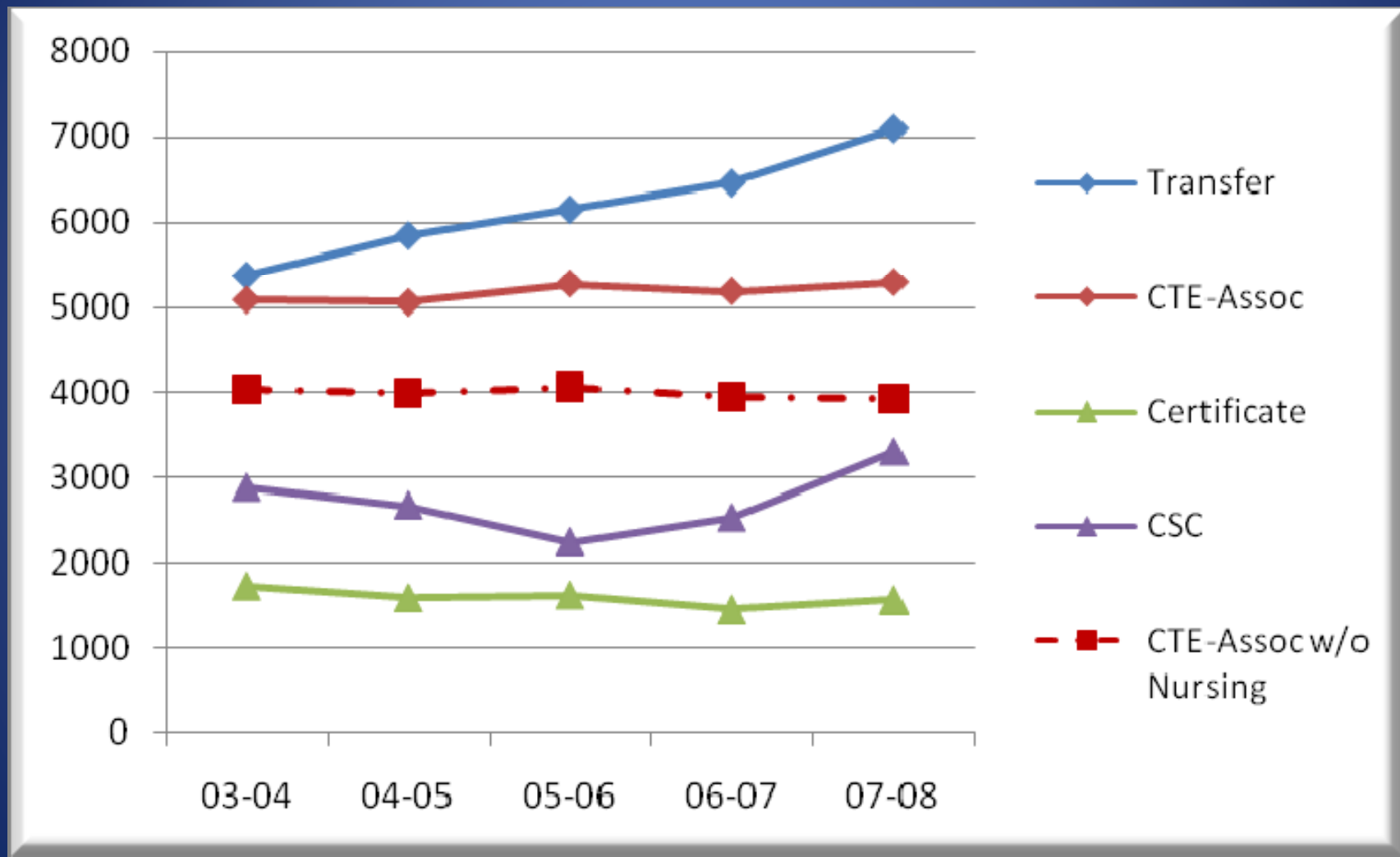
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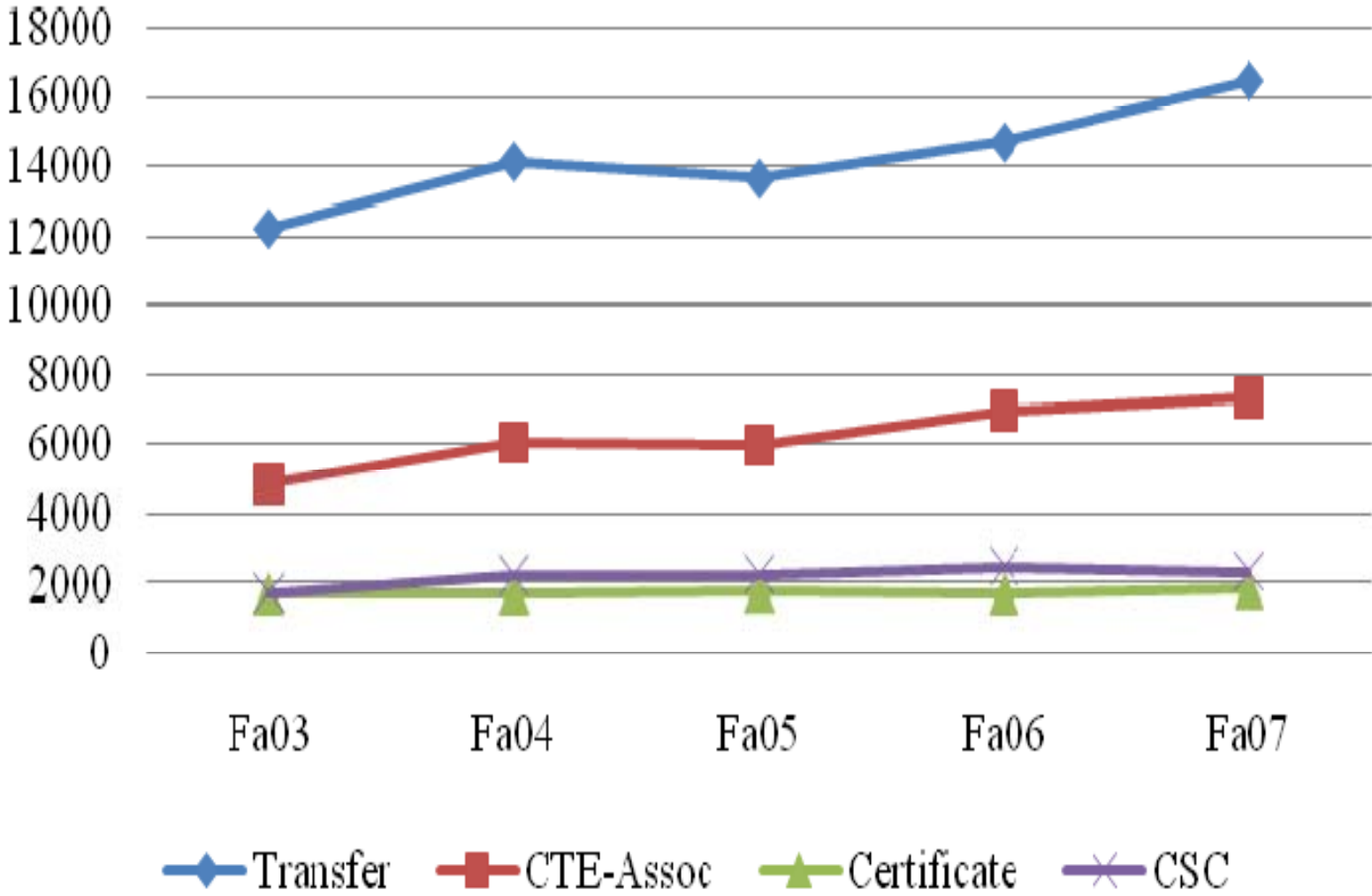


# Programs Graduating the Highest Number of Students in 2007-08

Trans. Degree Seekers	N	CTE- Assoc. Degree Seekers	N	Certificate Seekers	N
Gen. Studies	2,175	Nursing	1,326	Practical Nursing	385
Bus. Adm.	1,600	Management	378	Medical Laboratory Tech	72
Science	758	Info Systems Technology	350	First Year Studies	68
Social Sciences	684	Administration of Justice	268	Clerical Studies	64
Arts and Sciences	611	Administrative Support Tech	242	Electricity	53

# ENROLLMENTS

# FTIC Fall Enrollments by Program Level

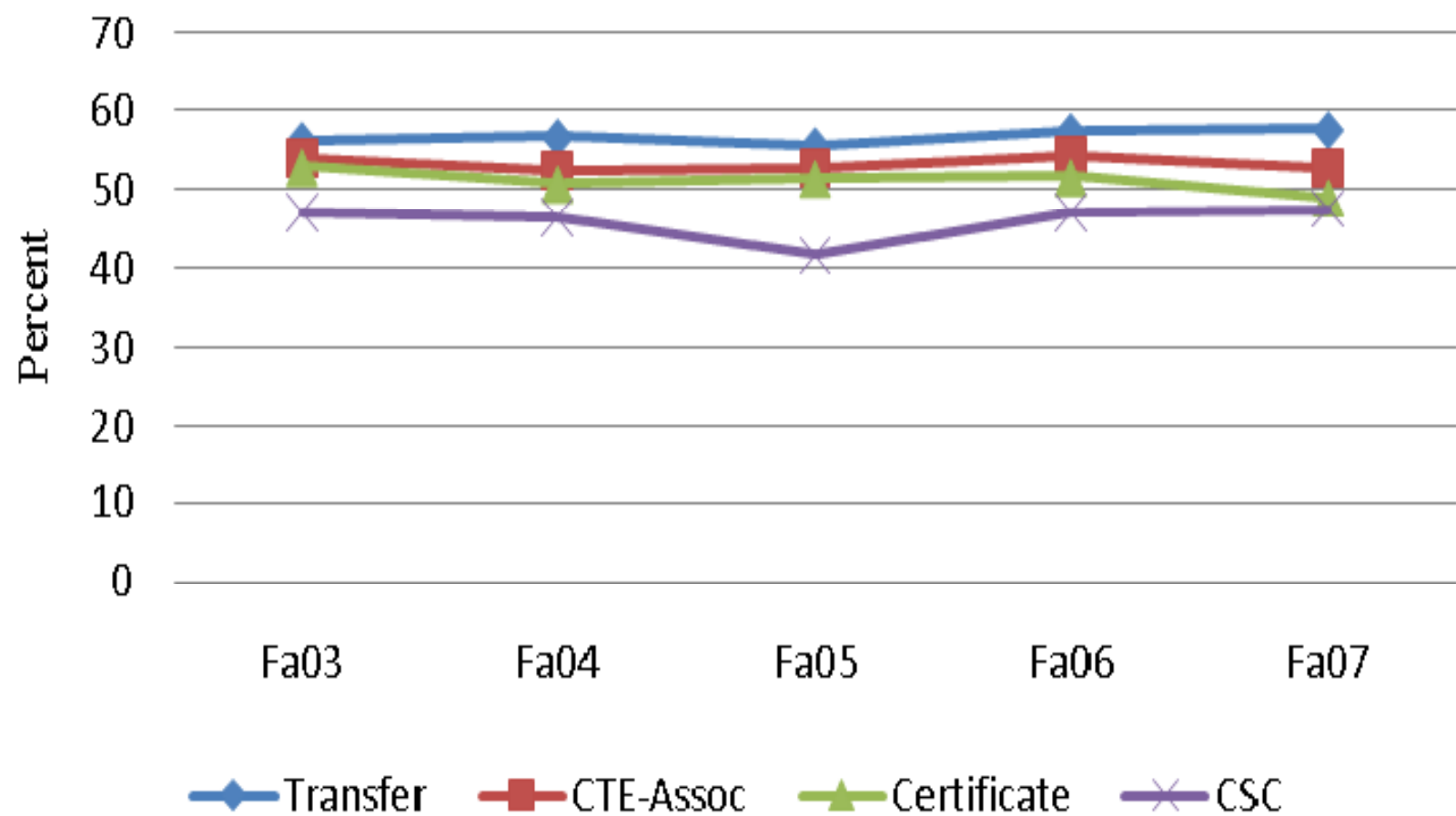


# Programs Enrolling the Highest Number of Students in Fall 2007

Trans. Degree Seekers	N	CTE- Assoc. Degree Seekers	N	Certificate Seekers	N
Gen. Studies	22,940	Nursing	6,464	Health Sciences	1530
Bus. Adm.	10,755	Management	5,255	Practical Nursing	911
Liberal Arts	7,731	Info Systems Technology	2,858	First Year Studies	361
Science	6,829	Administration of Justice	2,094	Early Childhood Dev.	323
Arts and Sciences	4,783	Early Childhood Ed	1,851	Air Cond. & Refrig.	208

# PERSISTENCE







## Fall-to-Fall Persistence Rates to Include Completers



# CONCLUSIONS

# What Data Show

- During the past five years:

	Transfer Students	CTE Students
Graduation		
Enrollments		
Persistence		

# What Data Show

- Looking to the future
  - Virginia's workforce needs increasingly require workers in CTE fields
  - VCCS prepares large numbers of workers in CTE careers, however demand outpacing supply



# Multiple Missions of Community College

- VCCS colleges must continue to serve a broad range of students
- VCCS colleges must continue to offer diverse programs
- VCCS colleges must continue to remain flexible and adaptable to changes in workforce demands