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# **2017 Factual Look at Higher Education in Nebraska**

## **Section: Degrees and Other Awards** Conferred 2005-2006 through 2015-2016

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Thanks to: Dr. Duncan Hsu and Jason Keese  
Reporting Information from the Federal  
Integrated Postsecondary Education Data System (IPEDS)

Presented at the June 15, 2017, Commission Meeting

# Agenda

- Background
- Completions (# of Awards)

- Analyzed by:

- Sector
    - Award Level
    - Gender
    - Race / Ethnicity
    - Discipline

Section 1

Section 2

Section 3

Section 4

Section 5

- Completers (# of Students)

- Analyzed by:

- Age Group

Section 6

- Questions

# Background

- Coordinating Commission is required by statute to report IPEDS data
  - Responsibility is fulfilled through the publication of the *Factual Look* and other reports, such as the *Nebraska Higher Education Progress Report*
- *Factual Look* is generally used by legislative staff, institutional researchers, and Commission staff
- Provides a statewide statistical analysis
  - Focuses on 10-year trends
  - Does not answer “why”

# Background

- Consists of two parts:
  - Degrees and Other Awards
  - Enrollment
- Executive Director approves sections of the *Factual Look* as they are completed after consultation with the Planning and Consumer Information Committee
  - Ensures timely dissemination of data
- *Factual Look* is primarily an online publication
  - Data corresponding to each section are available for download via the Commission's website
  - Data users are able to view data via a dashboard on the Commission's website: <https://ccpe.nebraska.gov/degrees-and-other-awards-dashboard>

# Important Technical Notes

- Adjustments are occasionally made to improve data accuracy. Therefore, it is generally advisable to reference the most recent edition of this report.
- Due to rounding, percentages may not sum to 100.0% for data summarized in this report.
- For each figure in this presentation, you'll see a graphic like this in the lower left side of the screen. The page number of the report that coincides with the figure is in the magnifying glass.

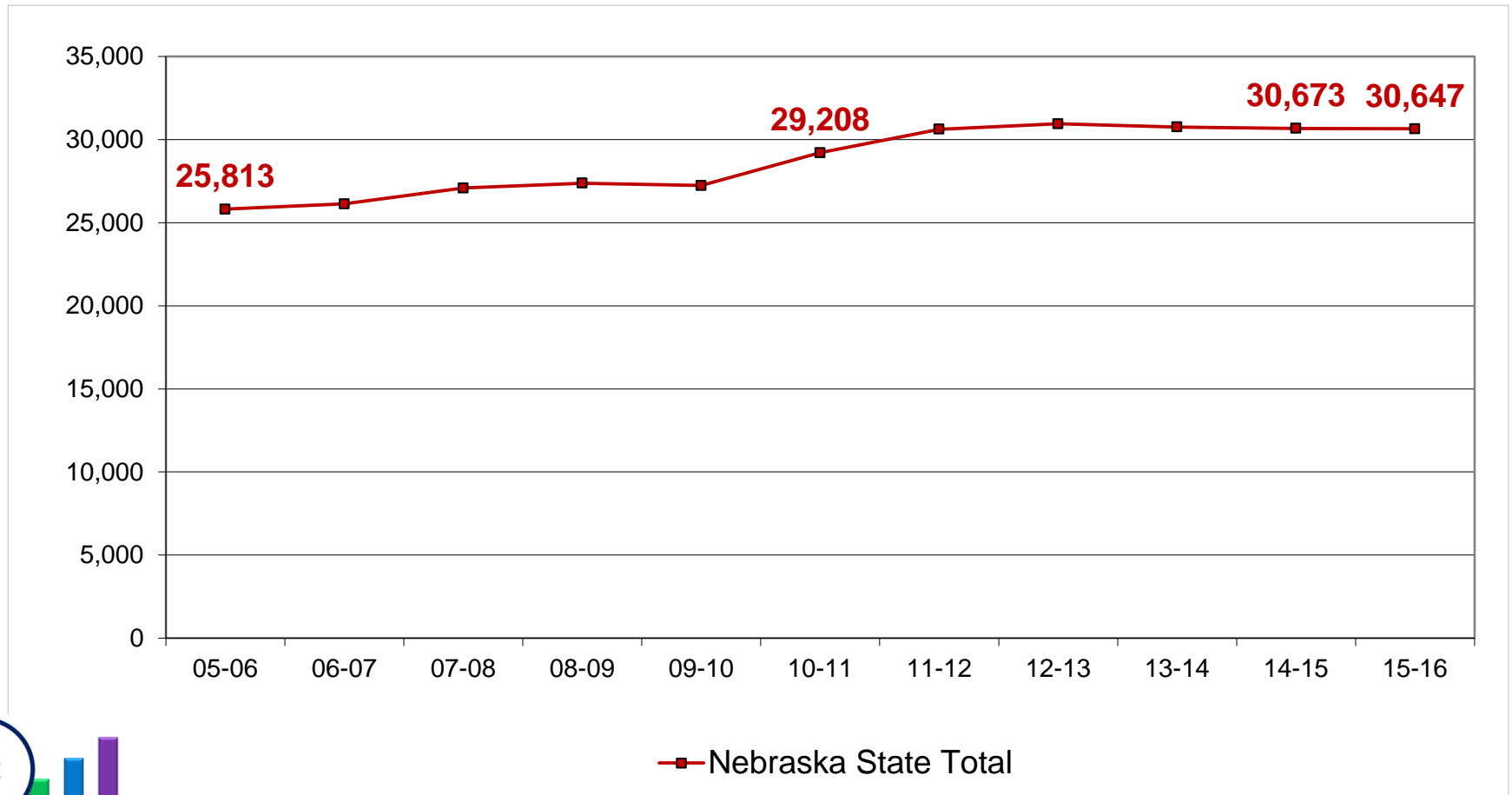


Degrees and Other Awards by Sector

# **SECTION 1**

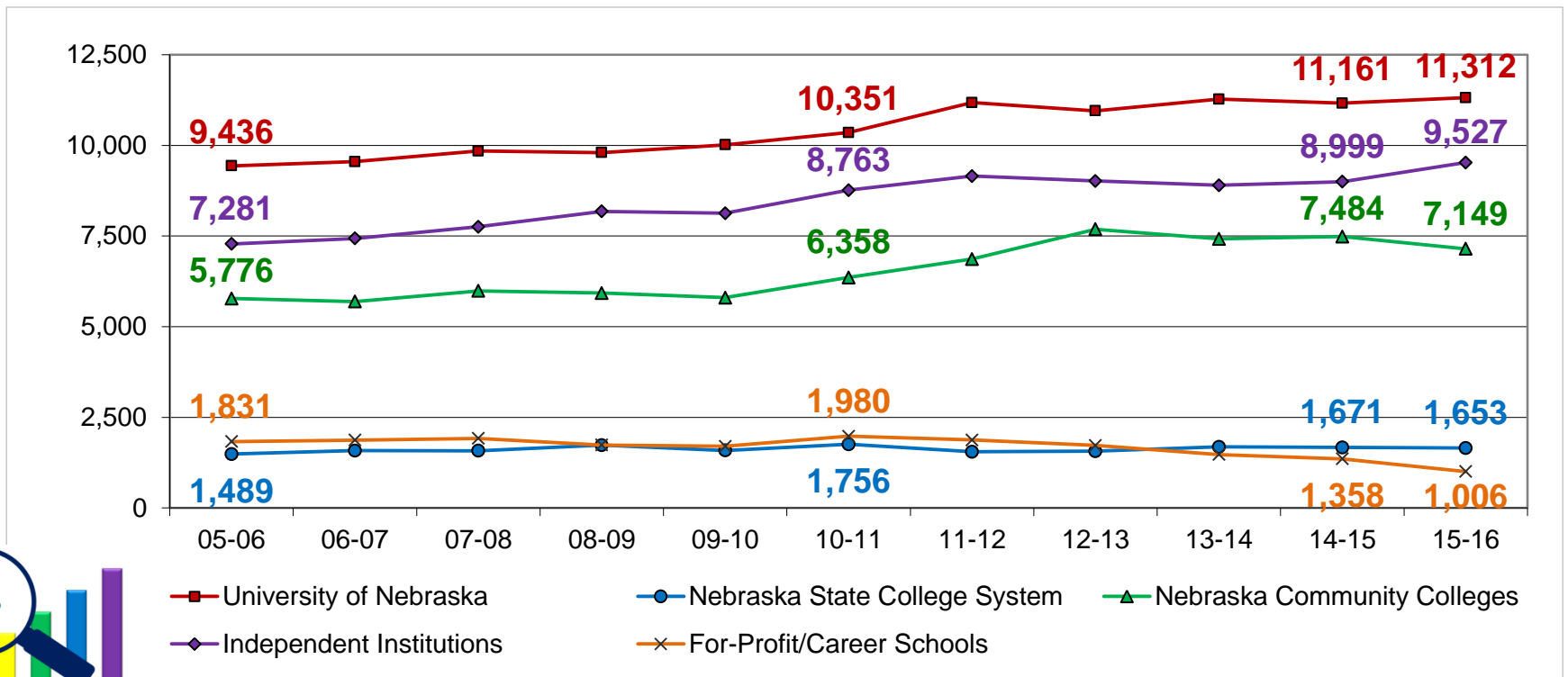
# Total Degrees and Other Awards Conferred

SECTOR	1-YEAR CHANGE	10-YEAR CHANGE
■ Nebraska State Total	-0.1%	18.7%



# Total Degrees and Other Awards Conferred by Sector

SECTOR	1-YEAR CHANGE	10-YEAR CHANGE
■ University of Nebraska	1.4%	19.9%
● Nebraska State College System	-1.1%	11.0%
▲ Nebraska Community Colleges	-4.5%	23.8%
◆ Independent Colleges & Univ.	5.9%	30.8%
✕ For-Profit/Career Schools	-25.9%	-45.1%



# University of Nebraska

## Total Degrees and Other Awards by College

10-Year Change: 19.9%

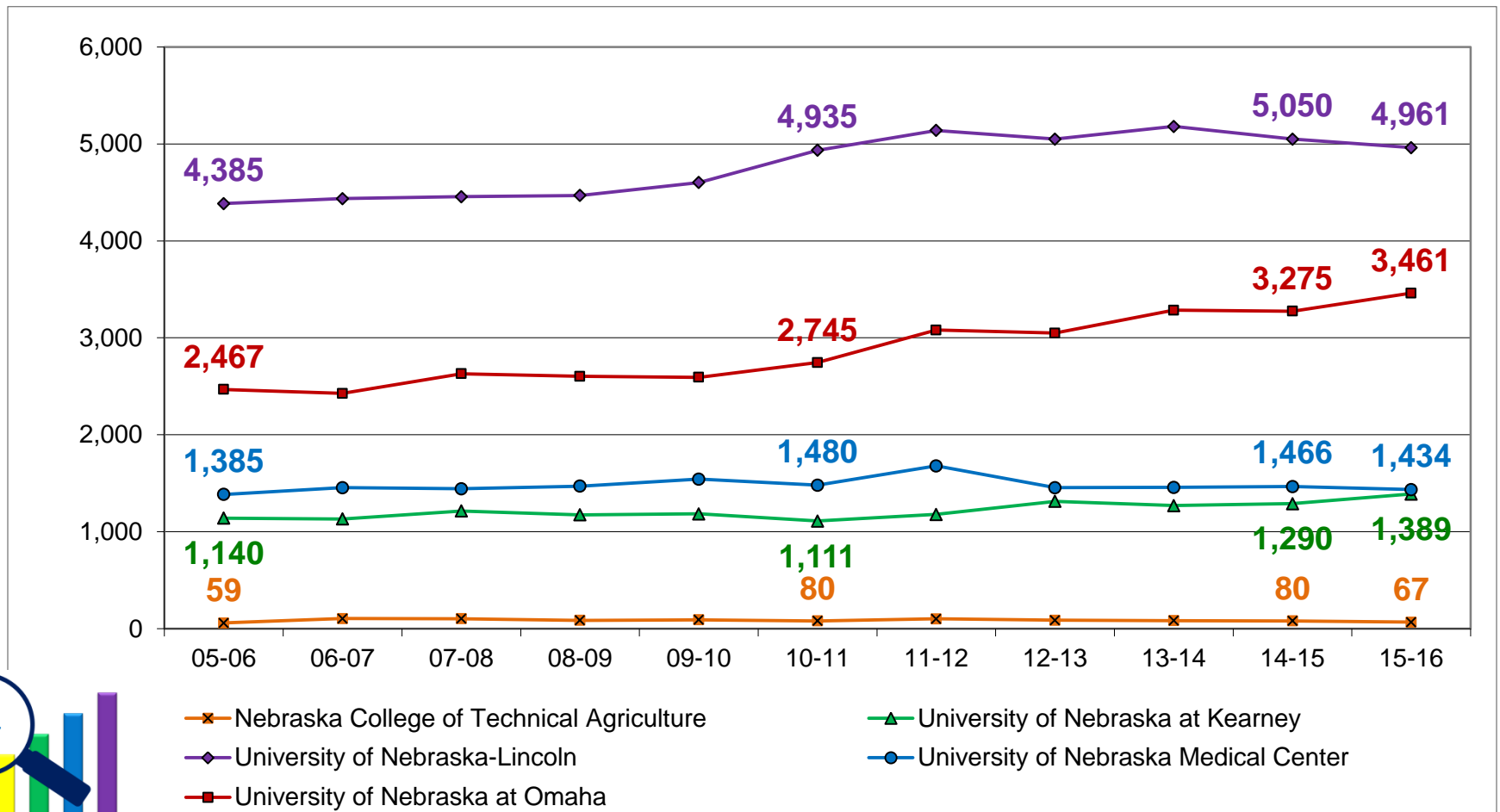
✕ NCTA: 13.6%

▲ UNK: 21.8%

◆ UNL: 13.1%

● UNMC: 3.5%

■ UNO: 40.3%



# Nebraska State College System

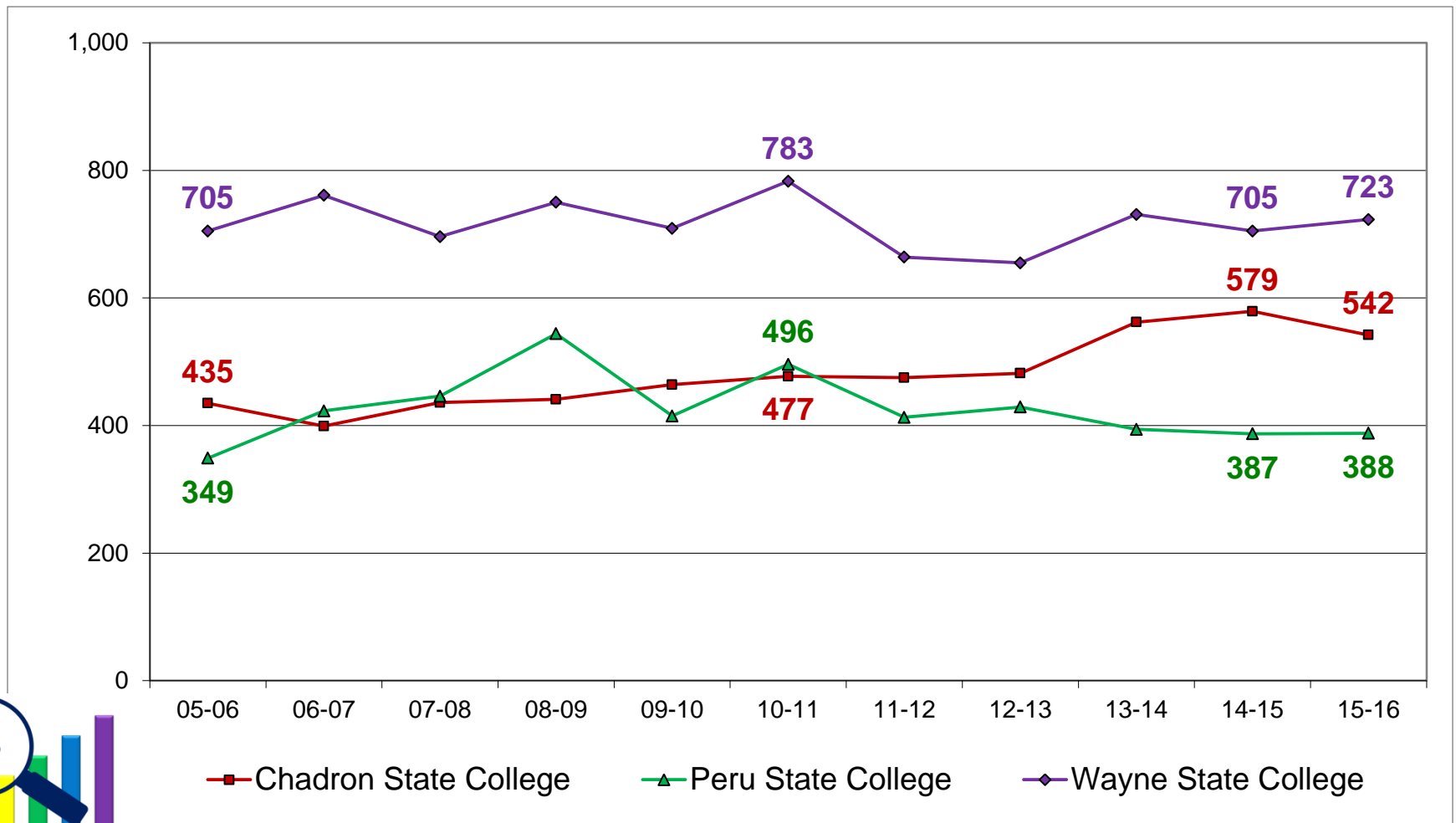
## Total Degrees and Other Awards by College

**10-Year Change: 11.0%**

■ Chadron: 24.6%

▲ Peru: 11.2%

◆ Wayne: 2.6%

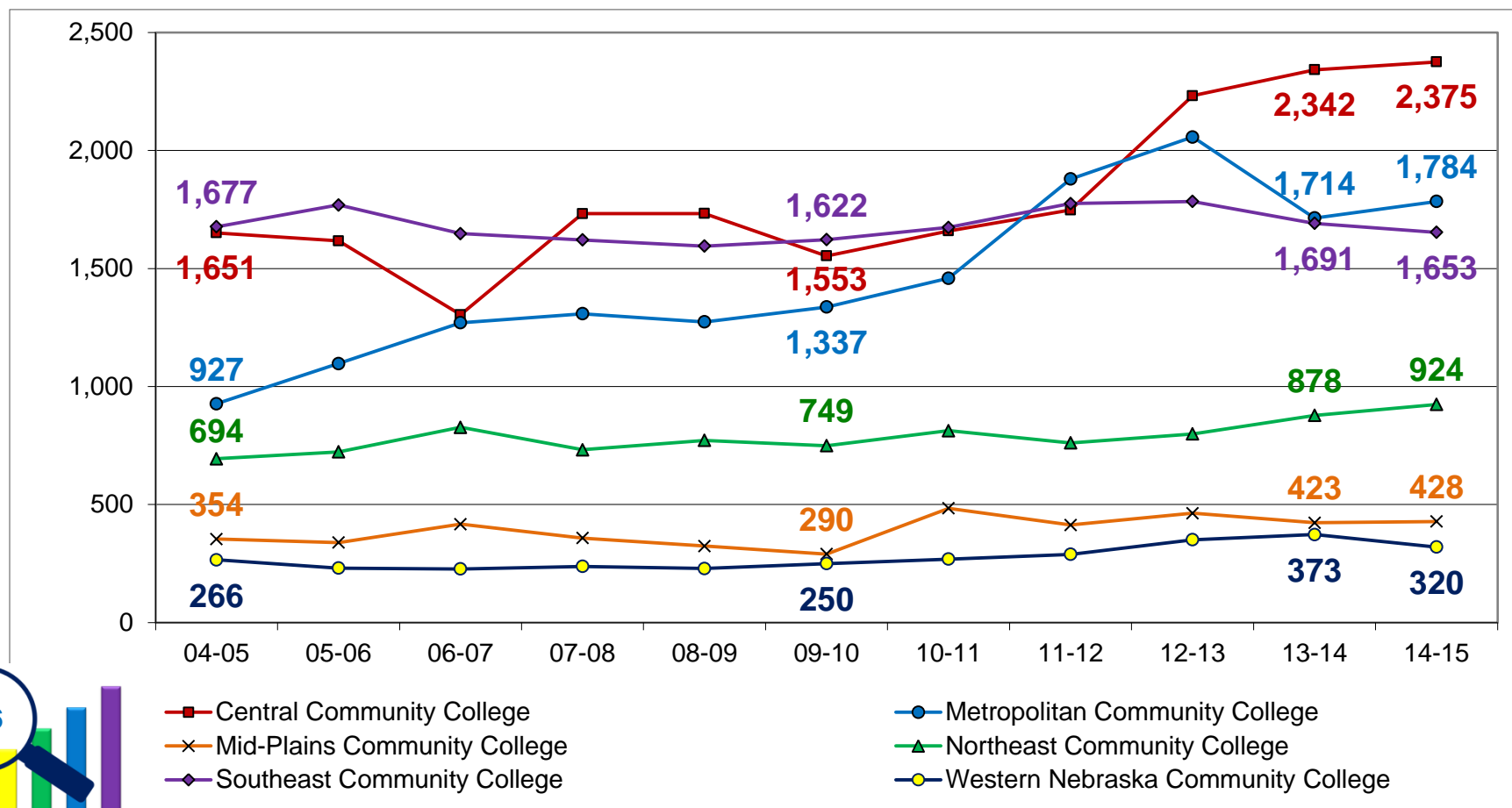


# Nebraska Community Colleges

## Total Degrees and Other Awards by College

**10-Year Change: 23.8%**

■ **Central:** 43.6%   
 ● **Metro:** 45.1%   
 × **Mid-Plains:** 31.3%  
▲ **Northeast:** 32.5%   
 ◆ **Southeast:** -12.7%   
 ● **Western:** 24.7%

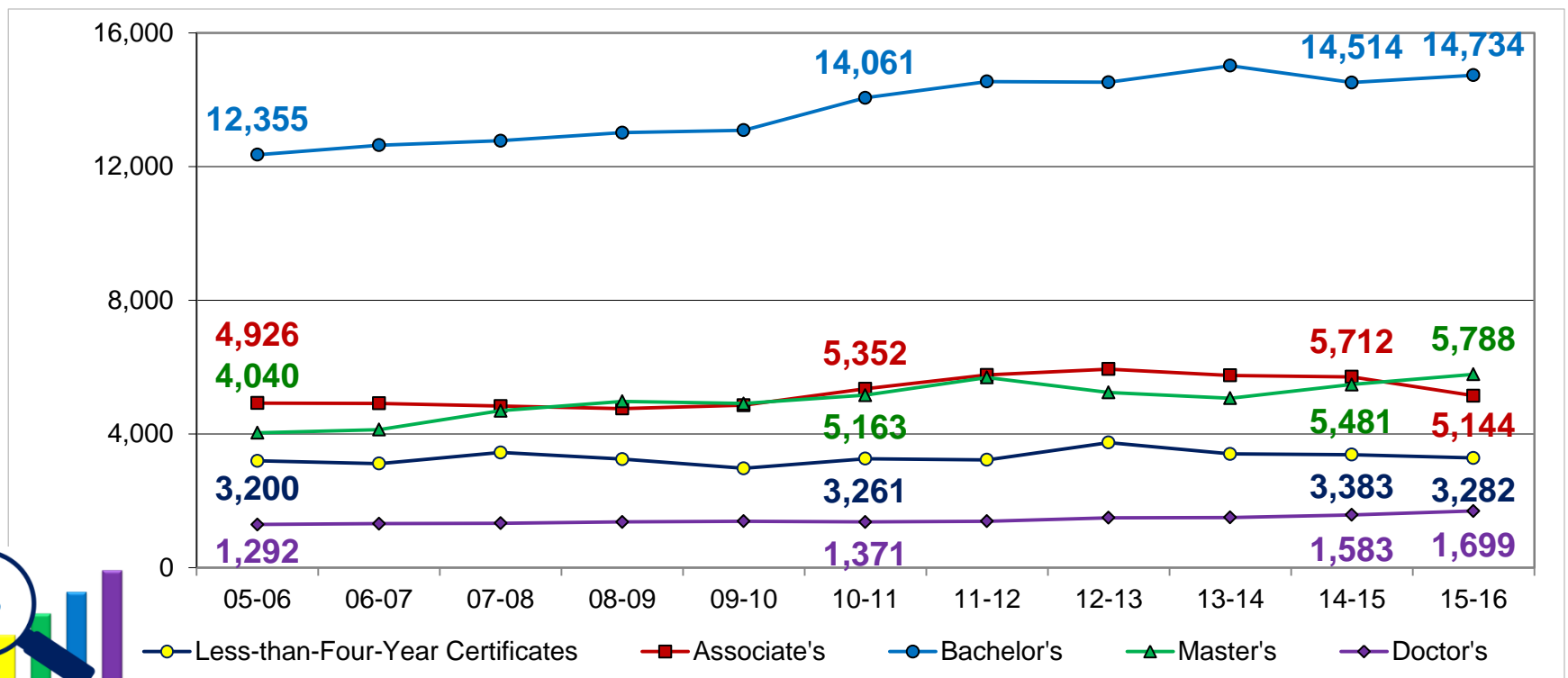


Degrees and Other Awards by Award Level

# **SECTION 2**

# Total Degrees and Other Awards Conferred by Award Level

AWARD LEVEL	1-YR CHANGE	10-YR CHANGE
● Less-Than-Four-Year Certificates	-3.0%	2.6%
■ Associate's Degrees	-9.9%	4.4%
● Bachelor's Degrees and Post-Baccalaureate Certificates	1.5%	19.3%
▲ Master's Degrees and Post-Master's Certificates	5.6%	43.3%
◆ Doctor's Degrees	7.3%	31.5%



# 2015-16 Degrees and Other Awards by Level and by Sector

AWARD LEVEL	UNIV. NE	NSCS	NE CCs	INDEP	FOR-PR./ CAREER	TOTAL
● < 4-Year Certificates	51	—	2,559	70	602	3,282
10-Yr Change	2450%	—	41%	-64%	-50%	3%
■ Associate's	63	—	4,590	260	231	5,144
10-Yr Change	-11%	—	16%	-2%	-63%	4%
● Bachelor's	7,755	1,181	—	5,661	137	14,734
10-Yr Change	23%	3%	—	16%	879%	19%
▲ Master's	2,604	472	—	2,676	36	5,788
10-Yr Change	9%	40%	—	104%	N/A	43%
◆ Doctor's	839	—	—	860	—	1,699
10-Yr Change	24%	—	—	40%	—	32%

Note. Less-than-four-year certificates were not conferred by Nebraska's state colleges. Associate's degrees were not conferred by Nebraska's state colleges. The bachelor's degree category includes postbaccalaureate certificates. Bachelor's degrees were not conferred by Nebraska's community colleges. The master's degree category includes post-master's certificates. Master's degrees were not conferred by Nebraska's community colleges, and the for-profit/career schools did not award degrees at this level until 2006-07. Doctor's degrees were not conferred by Nebraska's community colleges, state colleges, or for-profit/career schools.



# 2015-16 Degrees and Other Awards by Level and by Sector

- *Q: Could the recent decline in the number of associate's degrees conferred at the community colleges be caused by an increase in the number of students transferring from community colleges to other institutions without first completing an academic transfer associate's degree?*
  - Associate's degrees at the CC decreased 8.2% over the last year
- *A: Yes, it could, but since colleges don't report the majors of students when they report enrollment, we lack the data to make that conclusion*
  - Unfortunately, the latest transfer rates for the community colleges are based first-time, full-time degree/certificate seeking students who began their studies in the fall of 2012 and transferred within 150% of normal graduation time
    - 20.3% compared to an average of 20.5% for the previous four years
  - However, we can say that associate's degrees from CIP code 24 (mainly academic transfer) decreased 8.9% over the last year
- Appears we are seeing the leveling off since the great recession, with ~4,000 associate's each year from 05-06 to 09-10, increasing to a high of ~5,000 in 12-13, down to ~4,600 in 15-16
  - Last year's decline at Nebraska's CCs is consistent with national data on associate's degrees (down 5.4%)

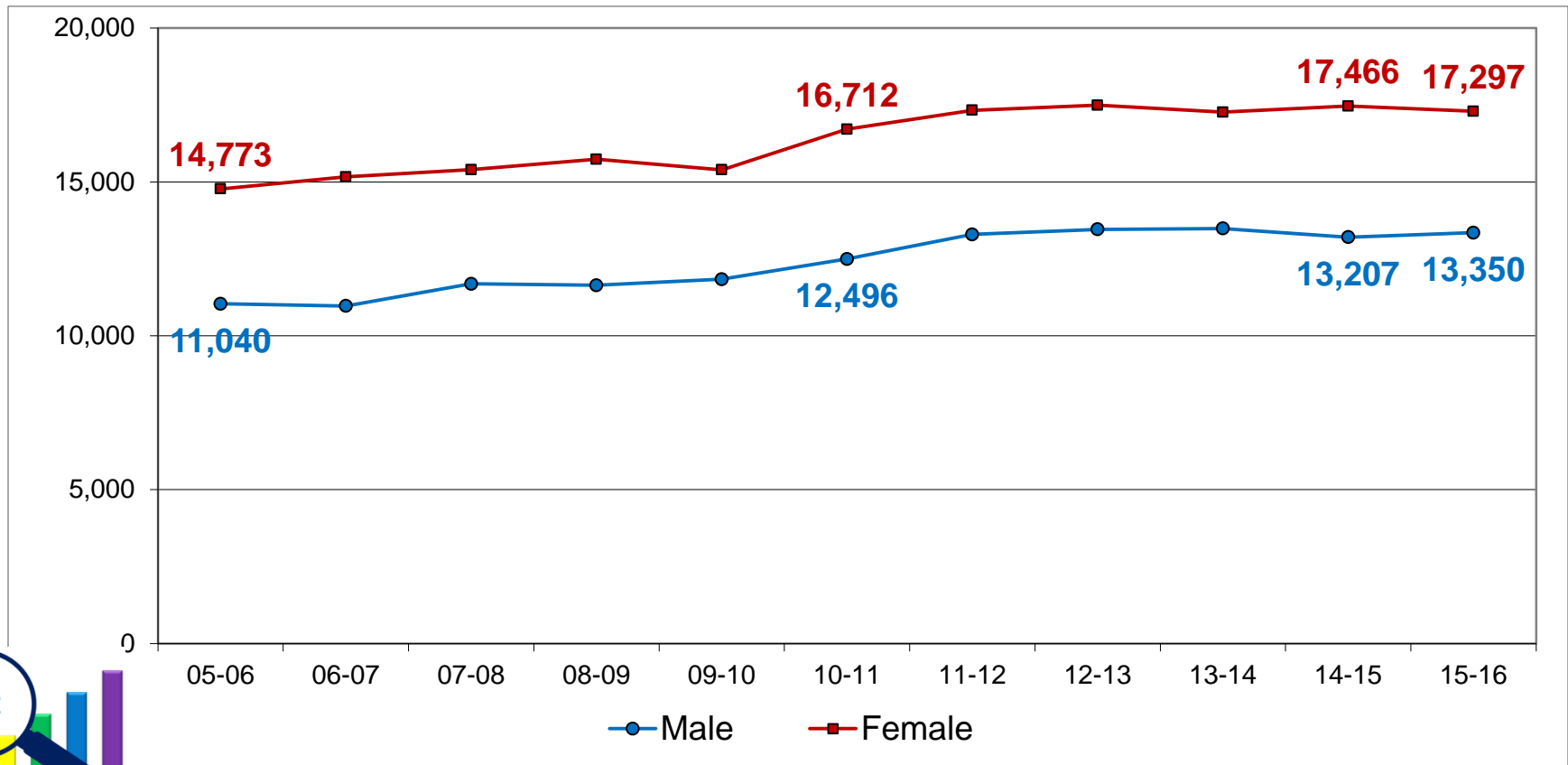


Degrees and Other Awards by Gender

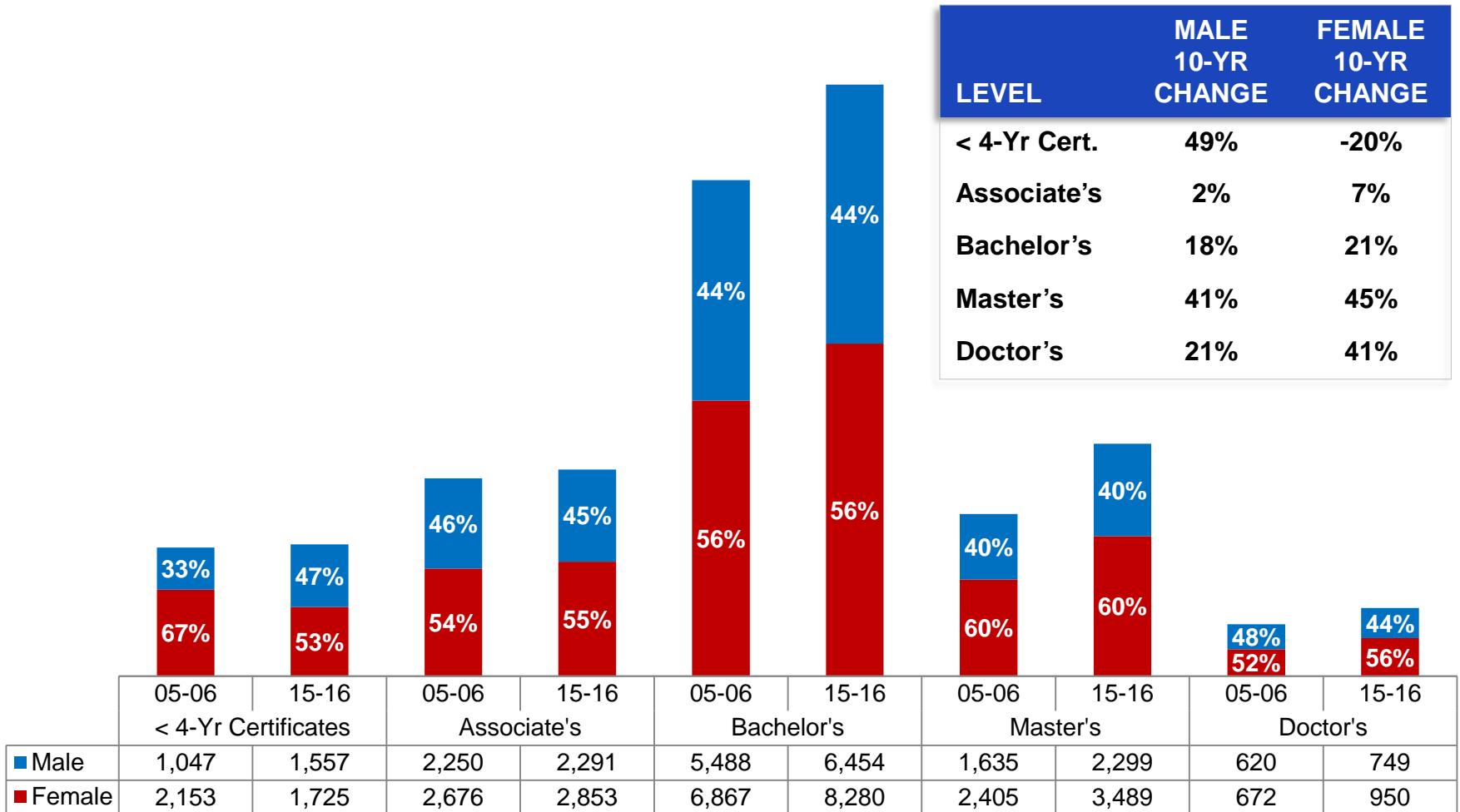
# **SECTION 3**

# Total Degrees and Other Awards Conferred by Gender

GENDER	% OF AWARDS		1-YEAR CHANGE	10-YEAR CHANGE
	2005-06	2015-16		
• Male	42.8%	43.6%	1.1%	20.9%
■ Female	57.2%	56.4%	-1.0%	17.1%



# Total Degrees and Other Awards Conferred by Level by Gender



Note. The bachelor's degree category includes postbaccalaureate certificates. The master's degree category includes post-master's certificates.

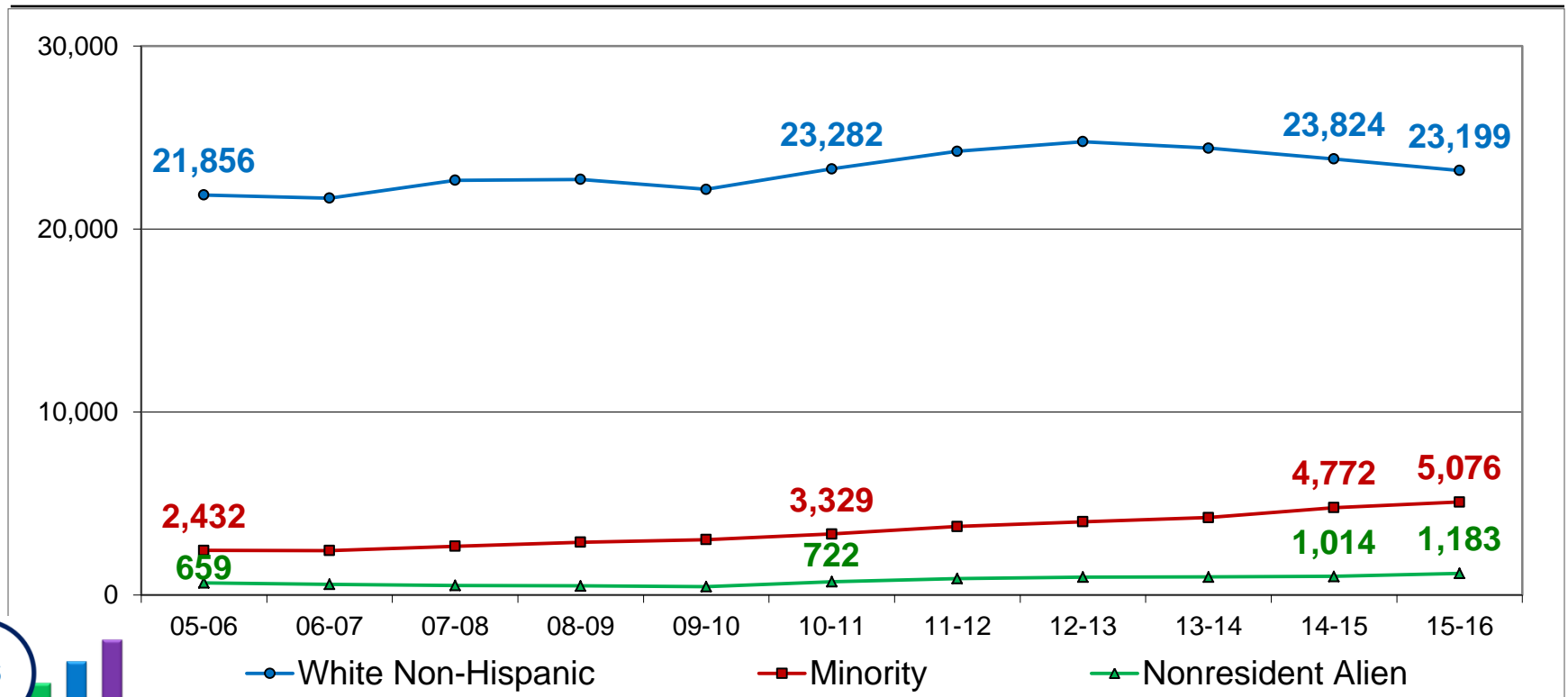


Degrees and Other Awards by Race/Ethnicity

# **SECTION 4**

# Degrees and Other Awards Conferred by Race/Ethnicity

RACE/ETHNICITY	% OF AWARDS		1-YR CHANGE	10-YR CHANGE
	2005-06	2015-16		
● White Non-Hispanic	87.6%	78.8%	-2.6%	6.1%
■ Minority	9.7%	17.2%	6.4%	108.7%
▲ Nonresident Alien	2.6%	4.0%	16.7%	79.5%

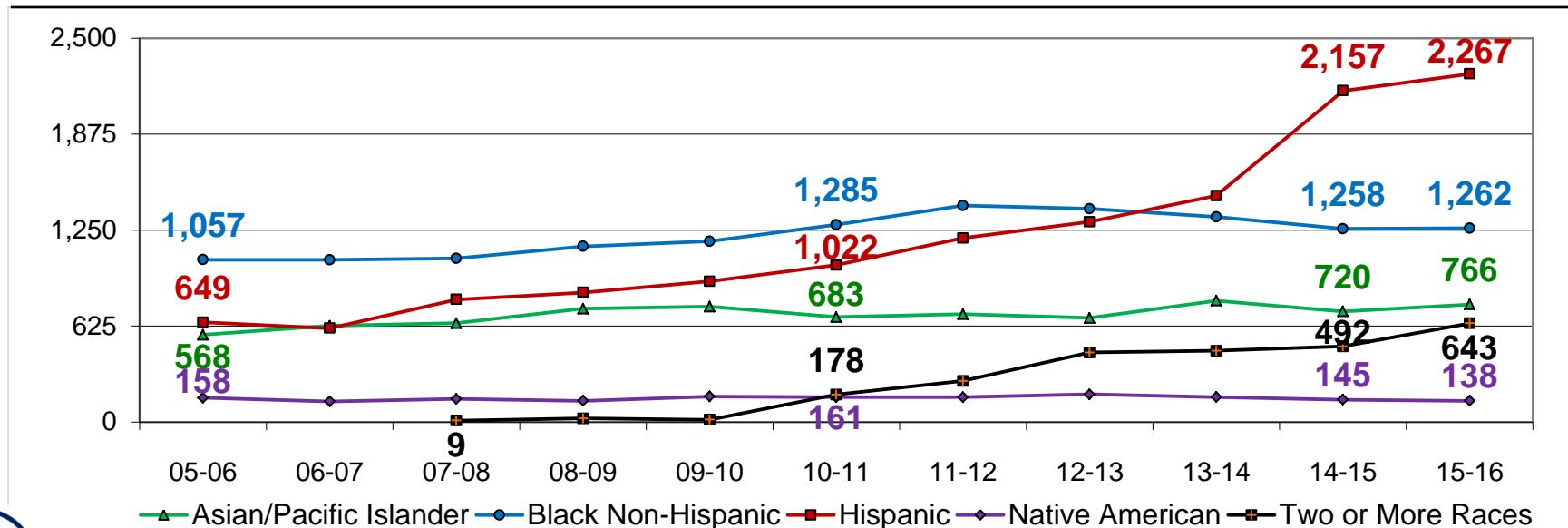


Note. Excludes awards conferred to students of unknown race/ethnicity (N = 866 in 2005-06, N = 1,189 in 2015-16).



# Degrees and Other Awards Conferred by Race/Ethnicity

RACE/ETHNICITY	% OF AWARDS		1-YR CHANGE	10-YR CHANGE
	2005-06	2015-16		
▲ Asian/Pacific Islander	2.3%	2.6%	6.4%	34.9%
● Black (non-Hispanic)	4.2%	4.3%	0.3%	19.4%
■ Hispanic	2.6%	7.7%	5.1%	249.3%
◆ Native American	0.6%	0.5%	-4.8%	-12.7%
■ Two or More Races	N/A	2.2%	30.7%	N/A



Note. 'Two or more races' was an optional reporting category for degrees granted in 2007-08, 2008-09, and 2009-10. Adoption of the category was mandatory beginning with data reported for the 2010-11 academic year. The large increase between 2013-14 and 2014-15 in the number of awards conferred to Hispanic students is mainly attributable to a change in the way Bellevue University identified Hispanic students. (See page S4 of the Executive Summary for more information.)



# 2015-16 Degrees and Other Awards Conferred by Award Level by Race/Ethnicity

RACE/ETHNICITY	< 4-YR CERTIFICATES	ASSOCIATE'S	BACHELOR'S	MASTER'S	DOCTOR'S
▲ Asians/Pac. Islanders	40	92	368	159	107
10-Yr Change	43%	19%	44%	38%	16%
● Black Non-Hispanic	114	295	540	278	35
10-Yr Change	-41%	19%	24%	77%	35%
■ Hispanic	417	403	1,065	333	49
10-Yr Change	186%	239%	284%	311%	88%
◆ Native American	13	43	56	21	5
10-Yr Change	-55%	5%	6%	-16%	-50%
▲ Nonresident Alien	17	35	527	439	165
10-Yr Change	31%	94%	89%	75%	68%
✚ Two or More Races	34	59	409	114	27
10-Yr Change	N/A	N/A	N/A	N/A	N/A
● White Non-Hispanic	2,626	4,117	11,113	4,075	1,268
10-Yr Change	-5%	-6%	5%	27%	31%



Note. The bachelor's degree category includes postbaccalaureate certificates. The master's degree category includes post-master's certificates. 'Two or more races' was an optional reporting category for degrees granted in 2007-08, 2008-09, and 2009-10. Adoption of the category was mandatory beginning with data reported for the 2010-11 academic year.

Degrees and Other Awards by Discipline

# **SECTION 5**

# Degrees and Other Awards by Discipline

Discipline	2005-06		2015-16		10-Year % Increase
	N	% of Total	N	% of Total	
■ Arts and Humanities	2,711	10.5%	3,518	11.5%	29.8%
✕ Business and Communication	5,758	22.3%	6,599	21.5%	14.6%
● Education	2,944	11.4%	3,192	10.4%	8.4%
▲ Health	5,009	19.4%	5,809	19.0%	16.0%
◆ Social and Behavioral Sciences and Human Services	2,618	10.1%	3,272	10.7%	25.0%
● Science, Technology, Engineering and Math (STEM)	3,609	14.0%	4,750	15.5%	31.6%
⊕ Trades	3,164	12.3%	3,507	11.4%	10.8%



# 2015-16 Top Award Level by Discipline

Discipline	Award Level	N	% of Total Within Discipline
■ Arts and Humanities	Bachelor's	1,538	43.7%
✕ Business and Communication	Bachelor's	4,217	63.9%
● Education	Master's	1,596	50.0%
▲ Health	Bachelor's	2,013	34.7%
◆ Social & Behavioral Sciences & Human Svcs.	Bachelor's	2,319	70.9%
● STEM	Bachelor's	2,621	55.2%
■ Trades	Less-than-Four-Year Certificates	1,507	44.8%

*Note.* The bachelor's degree category includes postbaccalaureate certificates. The master's degree category includes post-master's certificates.



# 2015-16 Top Discipline by Award Level

Award Level	Top Discipline	N	% of Total Within Level
● Less-than-Four-Year Certificates	Trades	1,570	47.8%
■ Associate's	Arts and Humanities	1,519	29.5%
● Bachelor's	Business and Communication	4,217	28.6%
▲ Master's	Education	1,596	27.6%
◆ Doctor's	Health	966	56.9%

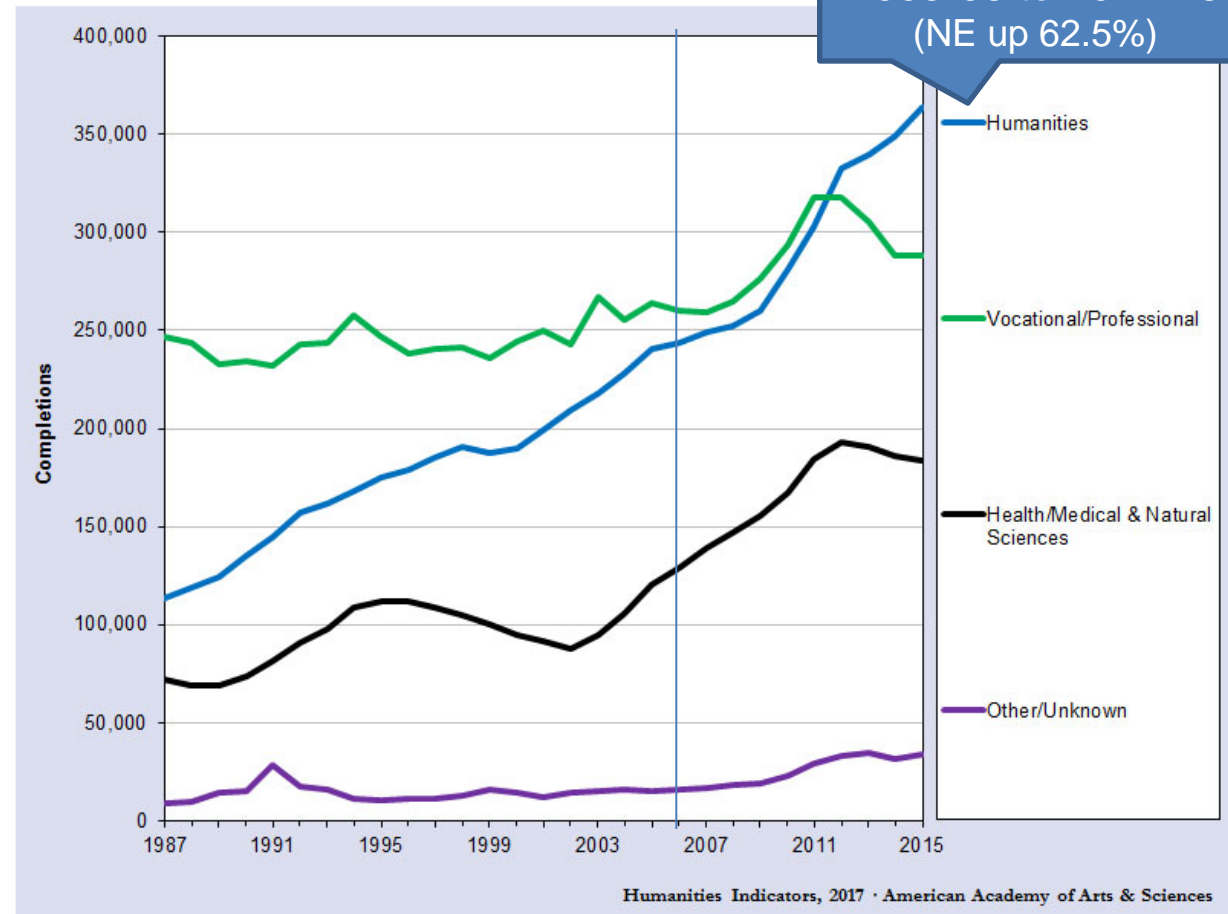
*Note.* The bachelor's degree category includes postbaccalaureate certificates. The master's degree category includes post-master's certificates.



# Nebraska Following National Trends for Associate Degrees in Humanities

- National data is one year behind what is in this report, but the general trend is similar to Nebraska

II-a1: Associate's Degree Completions, by Field, 1987–2015



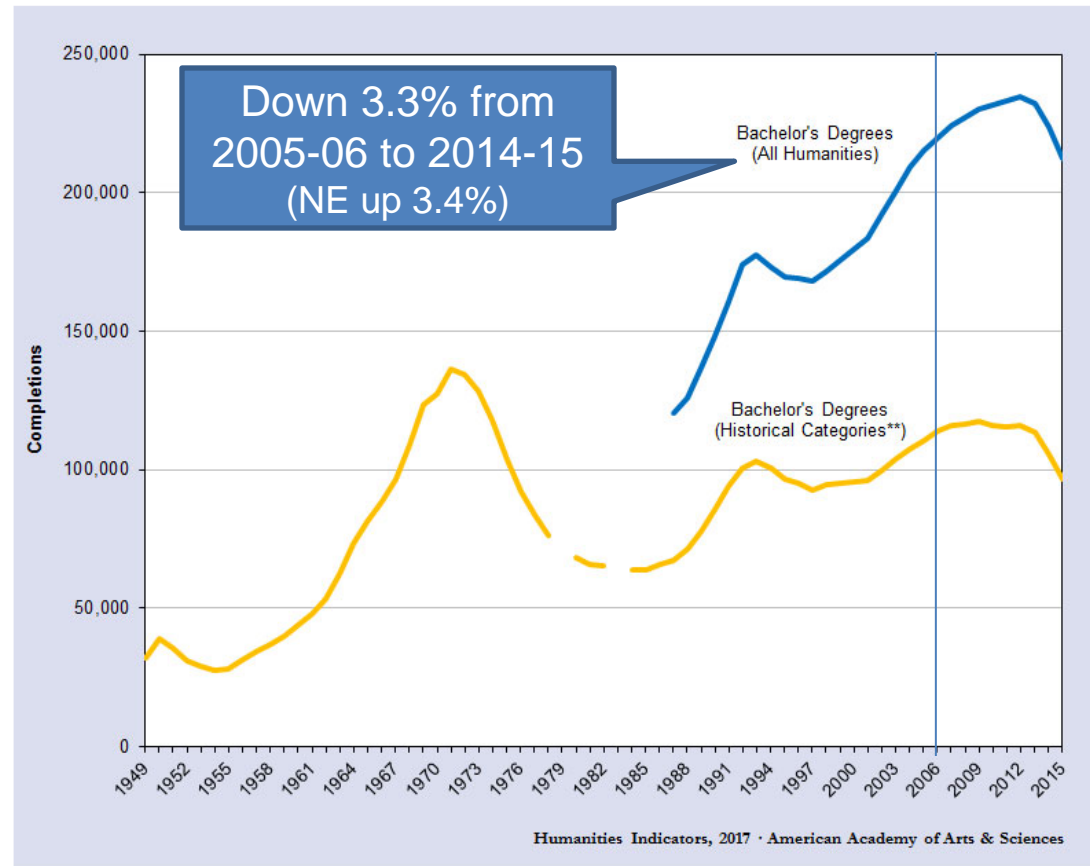
Source: U.S. Department of Education, Integrated Postsecondary Data System; data accessed via the National Science Foundation's online data system, WebCASPAR. Data analyzed and presented by the American Academy of Arts and Sciences' Humanities Indicators ([www.humanitiesindicators.org](http://www.humanitiesindicators.org)).



# Nebraska Following National Trends for Bachelor Degrees in Humanities

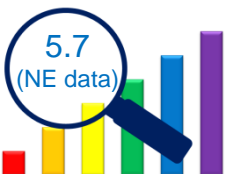
- National data is one year behind what is in this report, but the general trend is similar to Nebraska

II-1a: Bachelor's Degree Completions in the Humanities, 1949–2015\*



\* Degree completion counts could not be obtained for 1979 and 1983. The degree counts depicted do not include "second majors." For data on such degrees, see ["Humanities Bachelor's Degrees as a Second Major"](#)\*\*\* The "Historical Categories" are the limited set of humanities disciplines that have been tracked by the federal government since 1949. These disciplines include English language and literature, history, languages and literatures other than English (including linguistics and classical studies), and philosophy. Please see the [Note on the Data Used to Calculate Humanities Degree Counts and Shares](#) for further explanation of the differences between the two trend lines.

Source: Office of Education/U.S. Department of Education, "Survey of Earned Degrees," "Higher Education General Information System (HEGIS)," and "Integrated Postsecondary Data System (IPEDS)." HEGIS and IPEDS data were accessed via the National Science Foundation's online data system, [WebCASPARE](#). Data analyzed and presented by the American Academy of Arts & Sciences' Humanities Indicators ([www.humanitiesindicators.org](#)).



Completers by Age Group

# **SECTION 6**

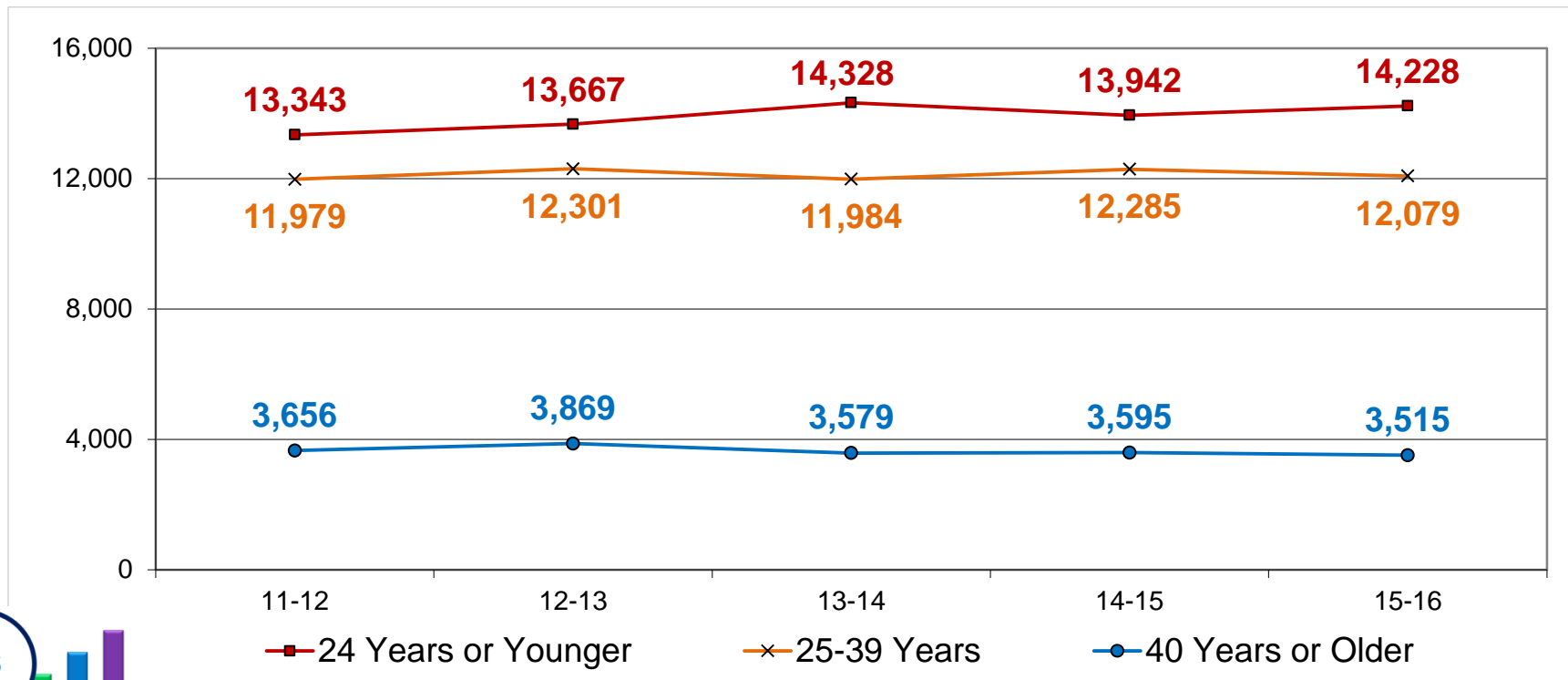
# Completers by Age Group

- Data has only been collected for five years; therefore, 10-year trends are not available
- While Sections 1 through 5 analyze the number of awards conferred, Section 6 analyzes the number of students who earned awards
  - In Section 6, a student is counted only once per award level
  - Therefore, the numbers for Sections 1 through 5 will NOT match the numbers for Section 6
- In Sections 1 through 5, postbaccalaureate certificates are included with bachelor's degrees, and post-master's certificates are included with master's degrees
  - However, since IPEDS utilizes different award level groupings for Section 6, the Commission is obligated to group postbaccalaureate and post-master's certificates into one award level category



# Completers by Age Group

AGE GROUP	% OF AWARDS		1-YR CHANGE	4-YR CHANGE
	2011-12	2015-16		
■ 24 Years or Younger	46.0%	47.7%	2.1%	6.6%
✕ 25–39 Years	41.3%	40.5%	-1.7%	0.8%
● 40 Years or Older	12.6%	11.8%	-2.2%	-3.9%

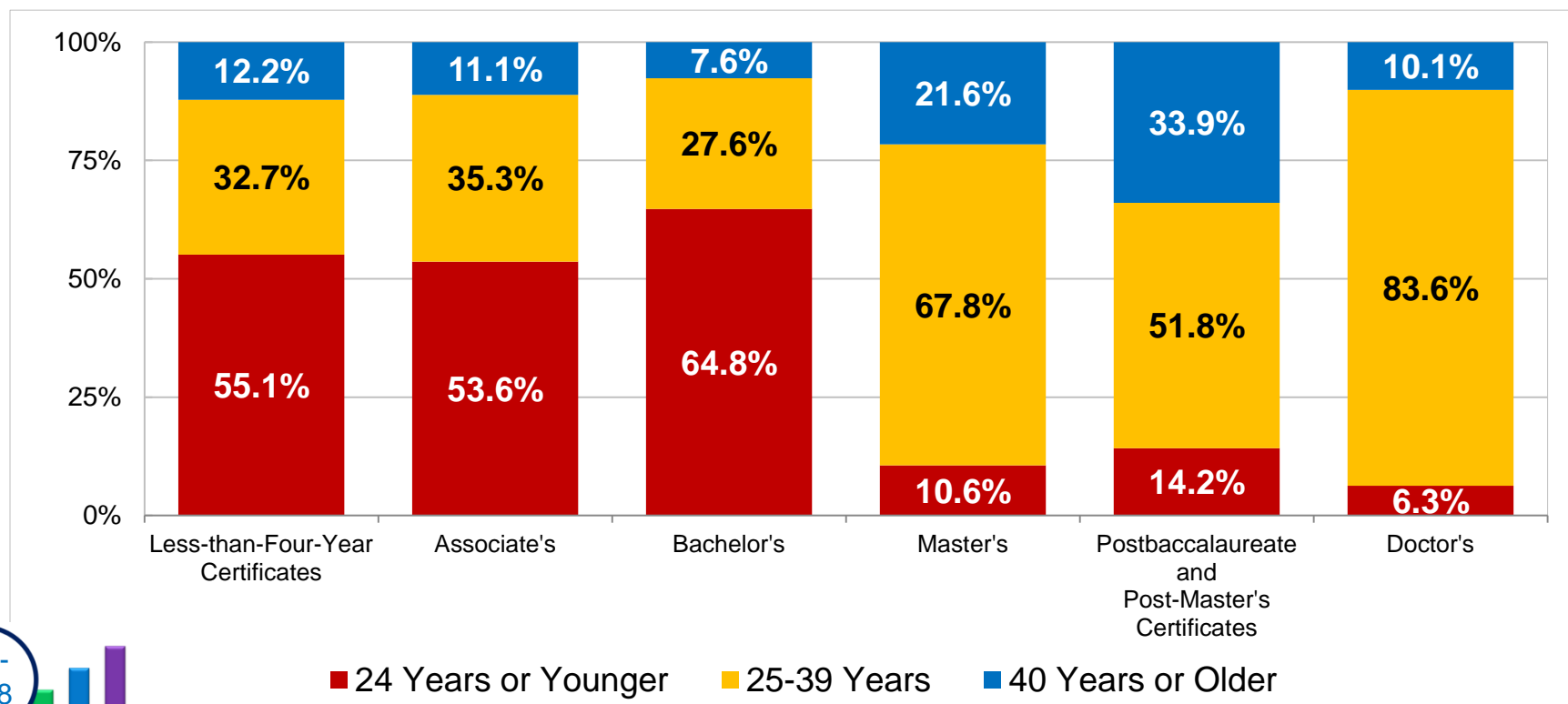


Note. Excludes awards conferred to students of unknown age (N = 384 in 2011-12, N = 13 in 2015-16).



# 2015-16 Completers by Level by Age Group

- Undergraduate completers were most likely to be 24 years or younger, while graduate completers were most likely to be 25-39 years of age
- Majority of completers from the public sectors were 24 years or younger, while the majority of completers from the independent and for-profit/career school sectors were 25-39 years of age



Note. The bachelor's degree category does not include postbaccalaureate certificates. The master's degree category does not include post-master's certificates.



# Degrees Data Dashboard – Updates

<https://ccpe.nebraska.gov/degrees-and-other-awards-dashboard>

- 2005-2006 & 2015-2016 Tab: Added additional filters

Introduction Degrees and Other Awards 2005-2006 & 2015-2016 Completers by Age Group

**2017 Factual Look at Higher Education in Nebraska:  
Degrees and Other Awards Conferred 2005-2006 through 2015-2016**

Pick Sector: (All) Pick Institution: (All) Pick Award Level: (All) Pick Gender: (All) Pick Race/Ethnicity: (All) Pick Discipline Cluster: (All)

- Completers by Age Group Tab: This table is completely new this year and corresponds to the data found in Section 6

Introduction Degrees and Other Awards 2005-2006 & 2015-2016 Completers by Age Group

**2017 Factual Look at Higher Education in Nebraska:  
Degrees and Other Awards Conferred 2005-2006 through 2015-2016**

Pick Sector: (All) Pick Institution: (All) Pick Age Group: (All) Pick Award Level: (All)

**Completers by Academic Year and 4-Year Percentage Change**

Sector	Institution	Age	11-12	12-13	13-14	14-15	15-16
University of Nebraska	Nebraska College of Technical Agriculture	Under 18 Years	0	0	0	0	0
		18 - 24 Years	99	0	71	67	-49.5%
		25 - 39 Years	1	0	9	9	1000.0%
		40 Years or More	1	0	0	2	100.0%
		Unknown	0	88	0	0	0
		Total	101	88	80	78	63
							-37.6%



# Degrees Data Dashboard

<https://ccpe.nebraska.gov/degrees-and-other-awards-dashboard>

Introduction Degrees and Other Awards 2005-2006 & 2015-2016 Completers by Age Group

## 2017 Factual Look at Higher Education in Nebraska: Degrees and Other Awards Conferred 2005-2006 through 2015-2016

These dashboards summarize the number of degrees and awards reported through the IPEDS surveys of Nebraska's public and independent colleges and universities and for-profit/career schools.



The following information corresponds to the data presented in CCPE's 2017 *Factual Look at Higher Education in Nebraska: Degrees and Other Awards Conferred 2005-2006 through 2015-2016*. Institutions report the number of degrees and other awards conferred during a one-year period beginning on July 1. For example, degrees and awards reported for 2015-2016 were awarded between July 1, 2015 and June 30, 2016. Data presented are based on the Fall 2006 through Fall 2016 IPEDS completion surveys with adjustments made as necessary by CCPE to improve data accuracy. A few for-profit/career schools are not included in this analysis because: 1.) The institution is not required to report school statistics to IPEDS, or 2.) The institution reports school statistics to IPEDS, but it has campuses in multiple states and reports combined data for multiple campuses (known as "parent/child" reporting).

-> Click the 'Degrees and Other Awards' tab above to display awards conferred between 2005-2006 through 2015-2016. Data are displayed in table format by sector and institution. Choose any combination of filters (award level, gender, race/ethnicity, discipline cluster) to further drill-down the data.

-> Click the '2005-2006 & 2015-2016' tab above to display awards conferred in 2005-2006 and 2015-2016. Data are displayed in graphical format by award level, gender, race/ethnicity, and discipline cluster. Choose any combination of filters (sector, institution, award level, gender, race/ethnicity, discipline cluster) to further drill-down the data.

-> Click the 'Completers by Age Group' tab above to display the number of completers. Data is available for 2011-2012 through 2015-2016. Data are displayed in table format by sector, institution, and age group. Choose any combination of filters (sector, institution, age group, award level) to further drill-down the data.

*Note. Award level groupings for age data are slightly different than for gender, race/ethnicity, and discipline cluster. Additionally, analyses for age group data are based on the number of completers while analyses for gender, race/ethnicity, and discipline cluster are based on the number of completions. See pages 6.2 and 6.3 of the report for more information.*

-> Hover your mouse over a data point to display additional information.

-> Access definitions of key terms by clicking the 'Definitions' icon (above).

-> Download a copy of the report by clicking the 'Download Report' icon (above).

-> Download an Excel file of the entire dataset by clicking the 'Download Data' icon (above).

**Questions? Contact Jill Heese at (402) 471-0031.**

**\*\* This page was last updated June 13, 2017. \*\***



# Degrees Data Dashboard

<https://ccpe.nebraska.gov/degrees-and-other-awards-dashboard>

Introduction

Degrees and Other Awards

2005-2006 & 2015-2016

Completers by Age Group

## 2017 Factual Look at Higher Education in Nebraska: Degrees and Other Awards Conferred 2005-2006 through 2015-2016

Pick Award Level:

Associate's

Pick Gender:

(All)

Pick Race/Ethnicity:

(All)

Pick Discipline Cluster:

(All)

Note:

Hover over circle for discipline descriptions

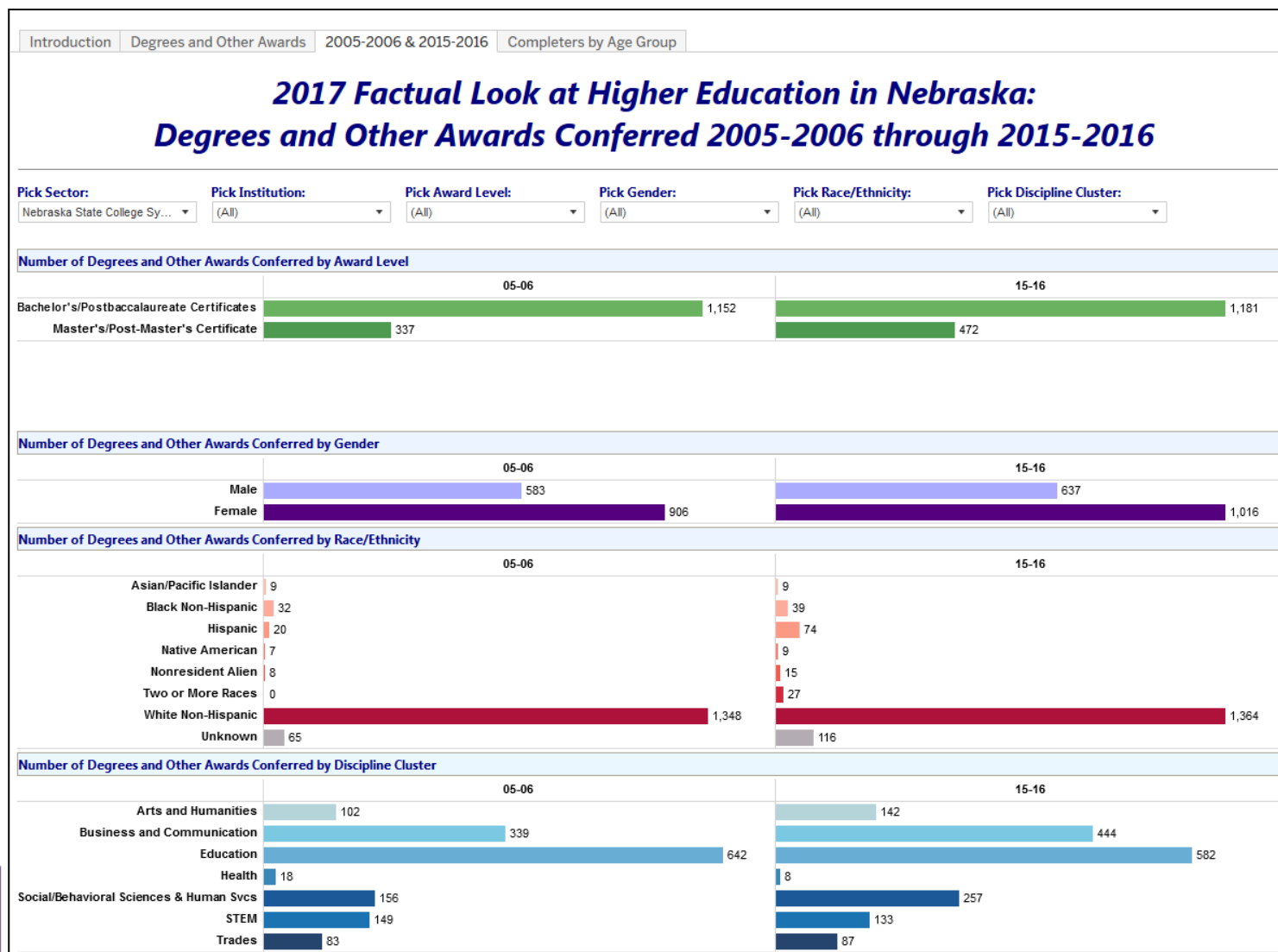
### Degrees and Other Awards Conferred by Academic Year and 10-Year Percentage Change

Sector	Institution	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16
Nebraska Community Colleges	Central Community College	564	534	560	561	547	576	658	676	752	762	667 18.3%
	Metropolitan Community College	903	955	1,002	985	1,075	1,147	1,460	1,571	1,415	1,523	1,331 47.4%
	Mid-Plains Community College	241	294	244	238	231	316	295	328	327	276	327 35.7%
	Northeast Community College	638	714	633	659	641	709	672	695	778	793	812 27.3%
	Southeast Community College	1,421	1,363	1,316	1,268	1,296	1,339	1,459	1,480	1,389	1,379	1,228 -13.6%
	Western Nebraska Community College	200	169	190	178	197	221	230	241	228	235	225 12.5%
	<b>Total</b>	<b>3,967</b>	<b>4,029</b>	<b>3,945</b>	<b>3,889</b>	<b>3,987</b>	<b>4,308</b>	<b>4,774</b>	<b>4,991</b>	<b>4,889</b>	<b>4,968</b>	<b>4,590 15.7%</b>
Independent Colleges & Universities	Bryan College of Health Sciences	11	17	15	15	14	12	16	17	8	1	1 -90.9%
	Clarkson College	41	52	46	46	53	59	58	65	72	54	61 48.8%
	College of Saint Mary	96	67	78	86	74	72	66	57	58	44	10 -89.6%
	Creighton University	2	3	2	4	3	1	2	1	0	2	1 -50.0%
	Grace University	10	4	3	6	4	4	2	10	3	4	2 -80.0%
	Little Priest Tribal College	14	9	5	12	8	16	10	15	24	11	9 -35.7%
	Nebraska Christian College	9	6	7	6	8	4	5	3	2	5	3 -66.7%
	Nebraska Indian Community College	16	4	4	3	6	9	8	11	7	16	13 -18.8%
	Nebraska Methodist College of Nursing & Allied Health	28	29	32	46	50	61	67	52	76	61	66 135.7%
	Summit Christian College	2	1	1	0	2	1	4	0	3	0	3 50.0%
	Union College	12	11	8	16	15	16	7	12	12	14	26 116.7%

N/A

# Degrees Data Dashboard

<https://ccpe.nebraska.gov/degrees-and-other-awards-dashboard>



# Degrees Data Dashboard

<https://ccpe.nebraska.gov/degrees-and-other-awards-dashboard>

Introduction

Degrees and Other Awards

2005-2006 & 2015-2016

Completers by Age Group

2017 Factual Look at Higher Education in Nebraska:

Degrees and Other Awards Conferred 2005-2006 through 2015-2016

Pick Sector:

(All)

Pick Institution:

(All)

Pick Age Group:

(All)

Pick Award Level:

Completers by Academic Year and 4-Year Percentage Change

Sector	Institution	Age	11-12	12-13	13-14	14-15	15-16
University of Nebraska	Nebraska College of Technical Agriculture	Under 18 Years	0	0	0	0	0
		18 - 24 Years	99	0	71	67	50
		25 - 39 Years	1	0	9	9	11
		40 Years or More	1	0	0	2	2
		Unknown	0	88	0	0	0
		Total	101	88	80	78	63
	University of Nebraska at Kearney	Under 18 Years	0	0	0	0	0
		18 - 24 Years	647	747	787	773	848
		25 - 39 Years	425	462	381	409	434
		40 Years or More	106	104	99	105	104
		Unknown	0	0	0	0	0
		Total	1,178	1,313	1,267	1,287	1,386
	University of Nebraska-Lincoln	Under 18 Years	0	0	0	0	0
		18 - 24 Years	3,470	3,456	3,536	3,456	3,431
		25 - 39 Years	1,382	1,347	1,365	1,347	1,270
		40 Years or More	191	170	188	170	179
		Unknown	0	0	0	0	0
		Total	5,043	4,973	5,089	4,973	4,880



# Questions?

**For further information, please contact:**

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The full report is available online at [ccpe.nebraska.gov](http://ccpe.nebraska.gov)