



COLORADO COMMUNITY  
COLLEGE SYSTEM

# **Colorado Community College System**

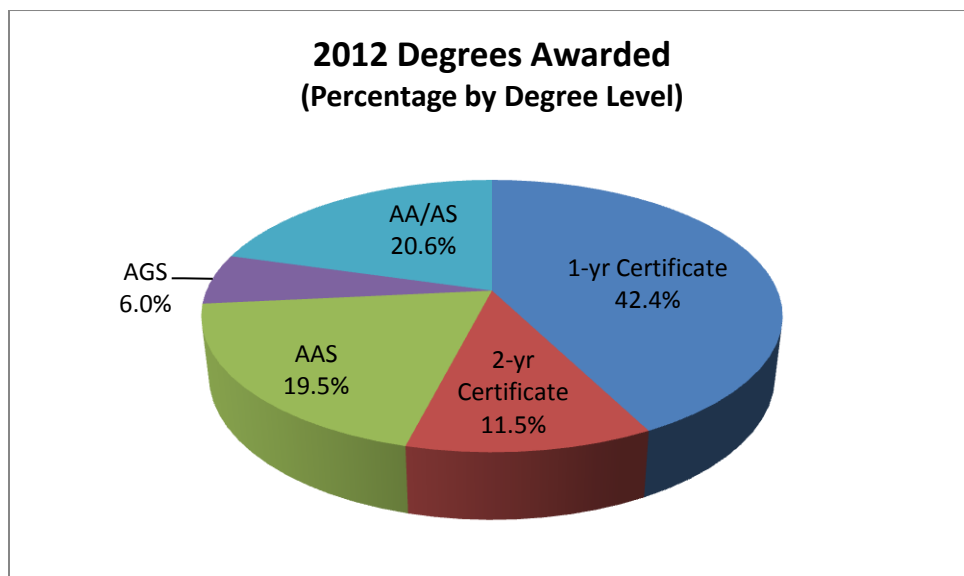
## **Academic Year 2012 Degrees Awarded**

**FEBRUARY 2013**

## System Summary – Academic Year 2012 Degrees Awarded

In the academic year 2011-2012, 14,235 certificates and degrees were awarded at Colorado Community College System schools. This number is a 7.9 percent increase from academic year 2011. One-year certificates comprised the largest group of awards, at 42.4 percent, followed by Associate of Arts/Associate of Science degrees at 20.6 percent. Generally, Associate of General Studies (AGS) and Associate of Arts/Associate of Science (AA/AS) degrees are transfer-oriented awards, while Associate of Applied Science (AAS) degrees are considered terminal awards.

Awards by Degree Level				
Level	Number	Percent	Change from AY 2011	
1-yr Certificate	6,041	42.4%	6.2%	351
2-yr Certificate	1,644	11.5%	5.9%	92
AAS	2,769	19.5%	9.9%	250
AGS	854	6.0%	11.3%	87
AA/AS	2,927	20.6%	9.8%	261
Total	14,235	100.0%	7.9%	1,041

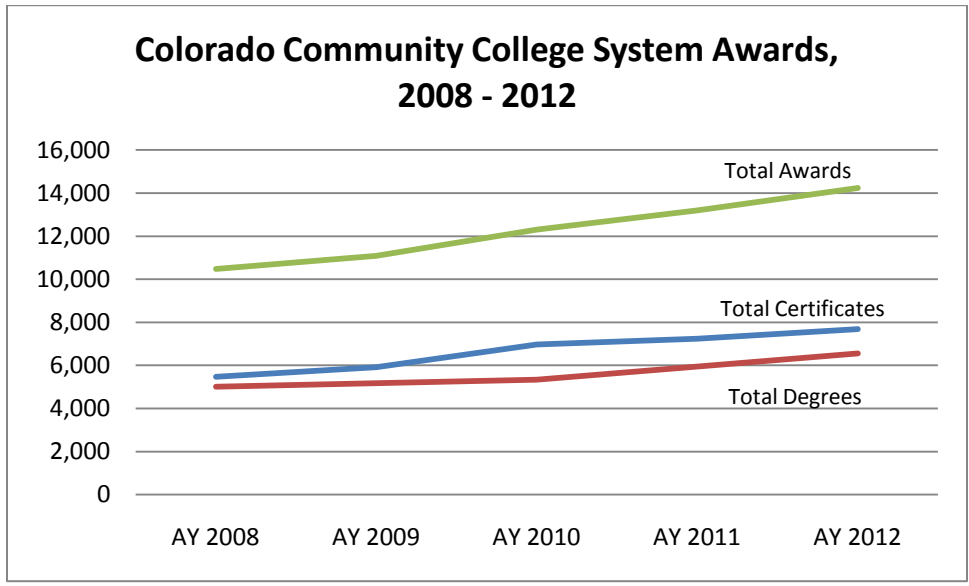




Over the past five years, awards granted at Colorado Community College System colleges have increased 35.8 percent. The most significant increase has been in 1-year certificates with many people returning to college for retraining. Overall, 40.5 percent more certificates were awarded in academic year 2012 than in 2008.

<b>Awards by Degree Level</b>					
<b>Level</b>	<b>AY 2008</b>	<b>AY 2009</b>	<b>AY 2010</b>	<b>AY 2011</b>	<b>AY 2012</b>
1-yr Certificate	3,972	4,466	5,425	5,690	6,041
2-yr Certificate	1,496	1,454	1,544	1,552	1,644
Total Certificates	5,468	5,920	6,969	7,242	7,685
AAS	2,322	2,378	2,295	2,519	2,769
AGS	594	678	687	767	854
AA/AS	2,097	2,115	2,350	2,666	2,927
Total Degrees	5,013	5,171	5,332	5,952	6,550
<b>Total Awards</b>	<b>10,481</b>	<b>11,091</b>	<b>12,301</b>	<b>13,194</b>	<b>14,235</b>

<b>Change in Awards Granted by Degree Level</b>					
<b>Level</b>	<b>2008-2009</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>2008-2012</b>
1-yr Certificate	12.4%	21.5%	4.9%	6.2%	52.1%
2-yr Certificate	-2.8%	6.2%	0.5%	5.9%	9.9%
Total Certificates	8.3%	17.7%	3.9%	6.1%	40.5%
AAS	2.4%	-3.5%	9.8%	9.9%	19.3%
AGS	14.1%	1.3%	11.6%	11.3%	43.8%
AA/AS	0.9%	11.1%	13.4%	9.8%	39.6%
Total Degrees	3.2%	3.1%	11.6%	10.0%	30.7%
<b>Total Awards</b>	<b>5.8%</b>	<b>10.9%</b>	<b>7.3%</b>	<b>7.9%</b>	<b>35.8%</b>



Nursing Aide was the most awarded 1-year certificate; Licensed Practical Nurse (LPN) was the top 2-year certificate; and Registered Nursing was the top Associate of Applied Science degree. The Nursing Aide and LPN programs replaced Emergency Medical Services and Criminal Justice/Police Science as the top programs in their respective award levels.

#### Top Program Awards by Level

Award	2012 Awards		Award Change from AY 2011	
	Number	% of Level	Number	% Change
Top 1-Yr Certificate: Nursing Aide	1,335	22.1%	25	1.9%
Top 2-Yr Certificate: Licensed Practical Nurse	172	10.5%	10	6.2%
Top AAS Degree: RN	540	19.5%	4	0.7%



Of all degrees awarded at any level (excluding liberal arts and general studies), the top program areas were Emergency Medical Services, Nursing Aide, Nursing, Automotive Technology, and Accounting Technology. Accounting replaced Criminal Justice as the fifth highest award program. Programs may be approved to be offered at different levels at different colleges. For example, Emergency Medical Services programs are offered as degree and certificate programs, and the types of programs and the credit hours required to receive awards vary by institution.

**Top Program Awards and Statewide Annual Job Openings  
(excluding liberal arts and general studies)**

CIP	Program	2012 Awards		Annual Openings*	Award Change from AY 2011	
		Number	% of Total	Number	Number	Percent Change
510904	Emergency Medical Services	1,409	13.5%	298	-63	-4.3%
513902	Nursing Aide	1,335	12.8%	716	25	1.9%
513801	Nursing	854	8.2%	2,360	-136	-13.7%
470604	Automotive Technology	396	3.8%	395	-9	-2.2%
520302	Accounting Technology	290	2.8%	1,046	87	42.9%
	<b>Total of Top Awards</b>	<b>4,284</b>	<b>41.0%</b>		<b>-96</b>	<b>-2.2%</b>

\*The majority of the number of annual job openings in this table and tables that follow represents projections of the ten-year average annual change from the Labor Market Information website at the Colorado Department of Labor and Employment. Some job openings may be understated because of confidentiality regulations that prohibit the publishing of certain data. Where data was not available, EMSI data was used. The CIP codes were matched with occupation codes using Gainful Employment data or O\*NET.

Of all degrees awarded (excluding liberal arts and general studies), 48 percent were in the healthcare field, compared to 52 percent in 2011. The total number of healthcare awards decreased about one-half percent from 2011 to 2012, while the total number of awards increased just over 7 percent. Fifty-two percent of certificates were in the health science area, compared to 38 percent of Associate of Applied Science degrees. The following two tables present the top five clusters in which awards were granted; the first table presents certificates and the second table provides Associate of Applied Science degrees. Please note that comparisons to Academic Year 2011 use a consistent set of CIP/cluster assignments so that an “apples to apples” comparison is provided.

### Top Certificate Awards by Cluster - Percent of Total

Cluster	AY 2012 Certificate Percentage	AY 2012 Certificate Awards	AY 2011 Certificate Percentage	AY 2011 Certificate Awards
Health Science	52%	3,994	56%	4,076
Management and Administration	7%	552	7%	539
Law, Public Safety, Corrections, & Security	6%	490	7%	475
Transportation, Distribution, and Logistics	6%	426	5%	379
Manufacturing	5%	355	3%	227
Total	76%	5,817	79%	5,696

### Top Degree Awards by Cluster - Percent of Total

Cluster	AY 2012 AAS Degree Percentage	AY 2012 AAS Degree Awards	AY 2011 AAS Degree Percentage	AY 2011 AAS Degree Awards
Health Science	38%	1,061	40%	1003
Management and Administration	10%	286	11%	273
Arts, A/V Technology and Communication	7%	202	6%	160
Manufacturing	7%	191	6%	149
Law, Public Safety, Corrections, & Security	6%	176	7%	165
Total	69%	1,916	69%	1,750

Of all degrees awarded, 25 percent went to minority recipients, a two-percentage-point increase from a year ago. The following table presents race/ethnicity statistics for award recipients. It also includes the total enrollment at Colorado Community College System colleges by race/ethnicity for 2011-2012 to put the award percentages in perspective. Finally, the table presents the race/ethnicity for the entire population, 15 to 64 years of age, within the counties served by Colorado Community College System colleges.

### Awards, Total Enrollment, and CCCS Service Area by Race/Ethnicity

	Awards <sup>1</sup>	System Enrollment <sup>2</sup>	Service Area Population Ages 15-64 <sup>3</sup>
White, Non-Hispanic	65.8%	56.6%	69.8%
Hispanic	12.0%	15.6%	20.3%
Multiple Ethnicities	5.4%	2.6%	1.7%
Black, Non-Hispanic	3.8%	7.2%	4.3%
Asian	2.6%	2.7%	3.2%
Hawaiian/Pacific Islander	0.3%	0.3%	0.1%
American Indian/Alaska Native	1.0%	1.1%	0.7%
Non-Resident Alien	0.8%	1.3%	n/a
Unknown	8.5%	12.6%	n/a

1 SURDS Degree files

2 SURDS Enrollment files

3 EMSI Complete Employment – 2012.4

Notes: Minority counts include Hispanic; Multiple Ethnicities; Black, Non-Hispanic; Asian; Hawaiian/Pacific Islander; and American Indian/Alaska Native. Non-resident Aliens are reported separately and are not included in the racial/ethnic categories.

Academic Year 2012 saw a shift of one percentage point in the proportion of awards distributed by gender. Fifty-nine percent of degrees were awarded to female recipients, a reduction of one percentage point, while males received 41 percent of awards, an increase of one percentage point.

### Awards by Gender

Gender	Percent
Male	41%
Female	59%

## College Summary

Front Range Community College awarded the greatest number of awards (23 percent), consistent with its larger enrollment. It was followed by Red Rocks Community College (14 percent). Three other colleges each awarded at least 10 percent of the overall degree total (Arapahoe Community College, Pueblo Community College and Pikes Peak Community College).

**Awards by College and Level (Percentage)**

College	Certificate	AAS	AGS	AA-AS	Total Awards	% of Total Awards
<b>ACC</b>	55.9%	24.3%	5.6%	14.2%	1,581	11.1%
<b>CCA</b>	40.4%	15.7%	16.2%	27.7%	772	5.4%
<b>CCD</b>	47.5%	19.5%	9.7%	23.3%	960	6.7%
<b>CNCC</b>	52.8%	26.0%	4.0%	17.2%	250	1.8%
<b>FRCC</b>	54.2%	16.7%	3.8%	25.3%	3,199	22.5%
<b>LCC</b>	40.2%	21.1%	7.2%	31.4%	194	1.4%
<b>MCC</b>	56.7%	15.9%	4.6%	22.8%	460	3.2%
<b>NJC</b>	26.0%	20.5%	12.9%	40.5%	365	2.6%
<b>OJC</b>	63.9%	7.1%	2.9%	26.1%	479	3.4%
<b>PCC</b>	60.7%	20.5%	7.3%	11.5%	1,693	11.9%
<b>PPCC</b>	41.7%	29.5%	6.2%	22.6%	1,641	11.5%
<b>RRCC</b>	64.6%	16.1%	2.6%	16.7%	2,021	14.2%
<b>TSJC</b>	66.3%	15.8%	6.9%	11.0%	620	4.4%
<b>Total</b>	54.0%	19.5%	6.0%	20.6%	14,235	100.0%

The top program awards per college (excluding liberal arts and general studies) are listed in the next table with the number of estimated annual statewide job openings in those fields. Because so many of the degrees awarded are in the healthcare field, awards in the top non-healthcare program are also provided.



**Top Program Awards by College**  
**(All degree levels - excluding liberal arts and general studies)**

<b>College</b>	<b>Top Award</b>	<b>Name</b>	<b>Number of Awards</b>	<b>Percent of College</b>	<b>Annual Openings</b>
<b>ACC</b>	510904	Emergency Medical Services	273	22%	298
<b>CCA</b>	510904	Emergency Medical Services	110	25%	298
<b>CCD</b>	513902	Nursing Aide	129	20%	716
<b>CNCC</b>	510904	Emergency Medical Services	36	18%	298
<b>FRCC</b>	513902	Nursing Aide	544	24%	716
<b>LCC</b>	120401	Cosmetology	26	22%	495
<b>MCC</b>	513902	Nursing Aide	103	31%	716
<b>NJC</b>	150499	Wind Energy Technician	22	13%	17
<b>OJC</b>	513902	Nursing Aide	66	19%	716
<b>PCC</b>	510904	Emergency Medical Services	163	12%	298
<b>PPCC</b>	513801	Nursing	321	27%	2,360
<b>RRCC</b>	513902	Nursing Aide	202	12%	716
<b>TSJC</b>	513902	Nursing Aide	91	18%	716

**Top Program Awards by College – Non-Healthcare**  
**(All degree levels - excluding liberal arts and general studies)**

College	Top Award	Name	Number of Awards	Percent of College	Annual Openings
ACC	150101	Architectural Design and Technology	108	9%	44
CCA	430103	Criminal Justice/Law Enforcement Admin	50	12%	564
CCD	131210	Early Childhood Education	75	12%	436
CNCC	030101	Natural Resources Ecology & Management	35	18%	66
FRCC	470604	Automotive Technology	137	6%	395
LCC	120401	Cosmetology	26	22%	495
MCC	010105	Agriculture/Business Marketing & Risk Mgmt	21	6%	22
NJC	150499	Wind Energy Technician	22	13%	17
OJC	470604	Automotive Technologies	62	18%	395
PCC	520407	Office Administration	158	11%	52
PPCC	430103	Criminal Justice/Law Enforcement Admin	69	6%	564
RRCC	430203	Fire Science Technologies	151	9%	245
TSJC	460303	Electrical Line Worker	48	9%	311