



Colorado Department of Higher Education  
Division of Research, Planning and Performance

1560 Broadway, Suite 1600 Denver, CO 80202  
Phone: 303-866-2723 Fax: 303-866-4266

**GRADUATE COUNT BY  
COLORADO PUBLIC HIGHER EDUCATION INSTITUTION TYPE  
FOR STEM PROGRAMS**

Source: SURDS Degrees Awarded Files, 2013-2015

Both NSF and ICE STEM designated degree program definitions are used in this STEM degree count and can be found at <http://highered.colorado.gov/i3/More/LookupTables.aspx>

Counts shown are unduplicated per degree type.

For example, students receiving two or more of the same degree level are counted only once.

Students earning a Certificate and Associate Degree will be counted in each degree category

Total degree counts pulled from SURDS database

BeGinninG in FY2010, reporting was modified to meet IPEDS requirements:

First Professional category was discontinued, they are included in the Doctorate count

Institution	Level	2012-13	2013-14	2014-15
<b>Four-Year Inst Total</b>	<b>Certificate</b>	<b>10</b>	<b>24</b>	<b>56</b>
% of 4 Yr Inst Total	STEM Graduates	0.1%	0.3%	0.6%
% of 4 Yr Inst Total	Certificate Graduates	1.3%	2.7%	5.2%
	<b>Associate</b>	<b>12</b>	<b>13</b>	<b>31</b>
% of 4 Yr Inst Total	STEM Graduates	0.1%	0.1%	0.3%
% of 4 Yr Inst Total	Associate Graduates	1.4%	1.5%	2.8%
	<b>Baccalaureate</b>	<b>6,153</b>	<b>6,735</b>	<b>7,108</b>
% of 4 Yr Inst Total	STEM Graduates	70.0%	70.7%	71.1%
of 4 Yr Inst Total	Baccalaureate Graduates	26.6%	27.9%	28.7%
	<b>Master's</b>	<b>2,053</b>	<b>2,116</b>	<b>2,157</b>
% of 4 Yr Inst Total	STEM Graduates	23.3%	22.2%	21.6%
% of 4 Yr Inst Total	Master's Graduates	28.7%	29.7%	28.7%
	<b>Doctorate</b>	<b>567</b>	<b>643</b>	<b>644</b>
% of 4 Yr Inst Total	STEM Graduates	6.4%	6.7%	6.4%
% of 4 Yr Inst Total	Doctorate Graduates	31.5%	36.0%	34.8%
<b>Four-Year Public STEM DeGrees Subtotal</b>		<b>8,795</b>	<b>9,531</b>	<b>9,996</b>
% of Total 4 yr Public Graduates		26.1%	27.4%	27.5%
<b>Two-Year Inst Total</b>	<b>Certificate</b>	<b>1,120</b>	<b>1,159</b>	<b>1,355</b>
% of 2 Yr Inst Total	STEM Graduates	66.4%	67.2%	68.8%
% of 2 Yr Inst Total	Certificate Graduates	12.6%	12.5%	13.8%
	<b>Associate</b>	<b>545</b>	<b>530</b>	<b>559</b>
% of 2 Yr Inst Total	STEM Graduates	32.3%	30.7%	28.4%
% of 2 Yr Inst Total	Associate Graduates	7.0%	6.9%	7.1%
	<b>Baccalaureate</b>	<b>23</b>	<b>36</b>	<b>56</b>
% of 2 Yr Inst Total	STEM Graduates	1.4%	2.1%	2.8%
of 2 Yr Inst Total	Baccalaureate Graduates	100.0%	100.0%	0.2%
<b>Two-Year Public Subtotal</b>		<b>1,688</b>	<b>1,725</b>	<b>1,970</b>
% of Total 2 yr Public Graduates		10.1%	10.2%	11.1%



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Institution	Level	2012-13	2013-14	2014-15
<b>All Inst Total STEM</b>	<b>Certificate</b>	<b>1,130</b>	<b>1,183</b>	<b>1,411</b>
% of Grand Total STEM Graduates		10.8%	10.5%	11.8%
% of Grand Total Graduates		2.2%	2.3%	2.6%
	<b>Associate</b>	<b>557</b>	<b>543</b>	<b>590</b>
% of Grand Total STEM Graduates		5.3%	4.8%	5.0%
% of Grand Total Graduates		1.1%	1.0%	1.1%
	<b>Baccalaureate</b>	<b>6,153</b>	<b>6,735</b>	<b>7,108</b>
% of Grand Total STEM Graduates		58.8%	60.0%	59.7%
% of Grand Total Graduates		12.2%	13.0%	13.2%
	<b>Master's</b>	<b>2,053</b>	<b>2,116</b>	<b>2,157</b>
% of Grand Total STEM Graduates		19.6%	18.9%	18.1%
% of Grand Total Graduates		4.1%	4.1%	4.0%
	<b>Doctorate</b>	<b>567</b>	<b>643</b>	<b>644</b>
% of Grand Total STEM Graduates		5.4%	5.7%	5.4%
% of Grand Total Graduates		1.1%	1.2%	1.2%
	<b>Grand Total STEM Graduates</b>	<b>10,460</b>	<b>11,220</b>	<b>11,910</b>
	<b>Grand Total Graduates</b>	<b>50,400</b>	<b>51,746</b>	<b>53,976</b>
Grand Total STEM % of Grand Total Graduates		20.8%	21.7%	22.1%



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**DEGREES AND CERTIFICATES AWARDED BY  
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Source: SURDS Degrees Awarded Files, 2013-2015

Both NSF and ICE STEM designated degree program definitions are used in this STEM degree count and can be found at <http://highered.colorado.gov/i3/More/LookupTables.aspx>

Counts shown sum all degrees per degree type.

For example, students receiving two bachelor degrees are counted for each degree earned

Total degree counts pulled from SURDS database

Beginning in FY2010, reporting was modified to meet IPEDS requirements:

First Professional category was discontinued, they are included in the Doctorate count

Double majors (multiple programs, one degree) are only counted once.

Institution	Level	2012-13	2013-14	2014-15
<b>Four-Year Inst Total</b>	<b>Certificate</b>	<b>10</b>	<b>25</b>	<b>62</b>
% of 4 Yr Inst Total	STEM Degrees	0.1%	0.2%	0.5%
% of 4 Yr Inst Total	Certificate Degrees	1.3%	2.8%	5.8%
	<b>Associate</b>	<b>12</b>	<b>13</b>	<b>31</b>
% of 4 Yr Inst Total	STEM Degrees	0.1%	0.1%	0.3%
% of 4 Yr Inst Total	Associate Degrees	1.4%	1.5%	2.8%
	<b>Baccalaureate</b>	<b>6,353</b>	<b>6,982</b>	<b>7,344</b>
% of 4 Yr Inst Total	STEM Degrees	62.7%	63.2%	63.0%
% of 4 Yr Inst Total	Baccalaureate Degrees	27.4%	29.0%	29.7%
	<b>Master's</b>	<b>3,186</b>	<b>3,384</b>	<b>3,563</b>
% of 4 Yr Inst Total	STEM Degrees	31.4%	30.6%	30.6%
% of 4 Yr Inst Total	Master's Degrees	44.3%	47.0%	47.2%
	<b>Doctorate</b>	<b>571</b>	<b>649</b>	<b>648</b>
% of 4 Yr Inst Total	STEM Degrees	5.6%	5.9%	5.6%
% of 4 Yr Inst Total	Doctorate Degrees	31.7%	36.4%	35.0%
<b>Four-Year Public STEM Degrees Subtotal</b>		<b>10,132</b>	<b>11,053</b>	<b>11,648</b>
	% of Total 4 yr Public Degrees	30.0%	31.7%	32.1%
<b>Two-Year Inst Total</b>	<b>Certificate</b>	<b>1,172</b>	<b>1,413</b>	<b>1,703</b>
% of 2 Yr Inst Total	STEM Degrees	66.9%	71.0%	72.7%
% of 2 Yr Inst Total	Certificate Degrees	12.5%	13.1%	14.7%
	<b>Associate</b>	<b>557</b>	<b>541</b>	<b>583</b>
% of 2 Yr Inst Total	STEM Degrees	31.8%	27.2%	24.9%
% of 2 Yr Inst Total	Associate Degrees	7.1%	6.9%	7.3%
	<b>Baccalaureate</b>	<b>23</b>	<b>36</b>	<b>56</b>
% of 2 Yr Inst Total	STEM Degrees	1.3%	1.8%	2.4%
% of 2 Yr Inst Total	Baccalaureate Degrees	100.0%	100.0%	100.0%
<b>Two-Year Public Subtotal</b>		<b>1,752</b>	<b>1,990</b>	<b>2,342</b>
	% of Total 2 yr Public Degrees	10.2%	10.7%	12.0%



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Institution	Level	2012-13	2013-14	2014-15
<b>All Inst Total STEM</b>	<b>Certificate</b>	<b>1,182</b>	<b>1,438</b>	<b>1,765</b>
% of Grand Total STEM Degrees		10.0%	11.1%	12.7%
% of Grand Total Degrees		2.3%	2.8%	3.3%
	<b>Associate</b>	<b>569</b>	<b>554</b>	<b>614</b>
% of Grand Total STEM Degrees		4.8%	4.3%	4.4%
% of Grand Total Degrees		1.1%	1.1%	1.1%
	<b>Baccalaureate</b>	<b>6,353</b>	<b>6,982</b>	<b>7,344</b>
% of Grand Total STEM Degrees		53.6%	53.7%	52.7%
% of Grand Total Degrees		12.6%	13.5%	13.6%
	<b>Master's</b>	<b>3,186</b>	<b>3,384</b>	<b>3,563</b>
% of Grand Total STEM Degrees		26.9%	26.0%	25.6%
% of Grand Total Degrees		5.9%	6.5%	6.6%
	<b>Doctorate</b>	<b>571</b>	<b>649</b>	<b>648</b>
% of Grand Total STEM Degrees		4.8%	5.0%	4.7%
% of Grand Total Degrees		1.1%	1.3%	1.2%
	<b>Grand Total STEM Degrees</b>	<b>11,861</b>	<b>13,007</b>	<b>13,934</b>
	<b>Grand Total Degrees</b>	<b>50,399</b>	<b>51,747</b>	<b>53,975</b>
Grand Total STEM % of Grand Total Degrees		23.5%	25.1%	25.8%