

Industry Sectors

- ***The following industry sectors are included in this report:***

- ✓ **Advanced Manufacturing and Advanced Technology**

- Considered a priority sector, PCC offers 13 certificates to train students for jobs in 62 occupations aligned with Advanced Manufacturing and Advanced Technology. Degree and certificate awards and employment rates have increased over the last couple of years.

- ✓ **Advanced Transportation and Renewable Energy**

- PCC offers several certificates that would prepare students for 18 related occupations in Advanced Transportation and Renewable Energy.

- ✓ **Energy, Construction and Utilities**

- An emerging sector, Energy, Construction and Utilities projected job openings over the next five years will equal 6,750. PCC programs in this sectors have seen growth in enrollment, employment and median wages.

- ✓ **Health Care**

- Health Care is the primary sector for middle-skill occupations. In the next five years, approximately 94,250 job openings will stem from this sector. Enrollment in health related programs consistently increased over the past five years.

Industry Sectors (continued)

✓ Information & Communication Technology/Digital Media

- ICT/Digital Media is PCC's largest industry sector with 10,406 enrolled students. Projected job openings for this emerging sector equals 9,400 over the next five years.

✓ Business/Entrepreneurship

- Business/Entrepreneurship has the most projected job openings than any other sector. Projected job openings over the next five years will equal 102,000; programs in this sector range from business management to early childhood education. Enrollment in this sector has steadily increased over the last five years, reaching 7,074 students in 2016-17. In fact, degree and certificates awards and transfers have increased as well.

✓ Life Sciences and Biotechnology

- California has the largest employment base in the country for Life Sciences/Biotechnology, yet only three community colleges in the LA/Orange County region offer certificates in Biotechnology and Biomedical Technology. In the last three years, PCC averaged more certificates than the other colleges (Citrus and LA Trade).

✓ Retail, Hospitality and Tourism

- Job growth in Retail/Hospitality/Tourism is strong yet wages are low compared to other sectors. Supervisors/managers yield higher wages in this industry. Retail is one of the industries that is vulnerable to automation. Nonetheless, forecasted job openings over the next five years equal 82,235.

Strong Workforce Metrics

- ***Number of course enrollments:*** The number of registrations in courses (may include duplicated students)
- ***Number of students who got a degree or certificate:*** Unique individuals who completed a credit or noncredit local certificate, credit or noncredit Chancellor's Office approved certificate, associate degree, or applied bachelor's degree
- ***Number of students who transferred:*** Unique individuals who transferred to a four-year institution
- ***Employed in the second fiscal quarter after exit:*** Employment rate for exiting students in the second fiscal quarter after leaving the community college system (based on a match to the state unemployment insurance wage file)
- ***Employed in the fourth fiscal quarter after exit:*** Employment rate for exiting students in the fourth fiscal quarter after leaving the community college system (based on a match to the state unemployment insurance wage file)

Strong Workforce Metrics

- ***Job closely related to field of study:*** The proportion of students who reported that their current job is close or very close to their field of study (based on responses in the CTE Outcomes Survey)
- ***Median earnings in the second fiscal quarter after exit:*** Earnings for exiting students in the second fiscal quarters after leaving the community college system (based on a match to the state unemployment insurance wage file)
- ***Median change in earnings:*** Percentage change in earnings for exiting students, one year before and one year after exiting the California community college system (based on a match to the state unemployment insurance wage file)
- ***Attained a living wage:*** Proportion of exiting completing and skills-builder students who attained the living wage for a single individual in the college's Doing What Matters region (based on a match to the state unemployment insurance wage file and Insight Center for Community Economic Development data)

SWP Quick Facts 2016-17:

Advanced Manufacturing



776 course enrollments



152 students earned a
degree or certificate



72% employed six
months after exiting*

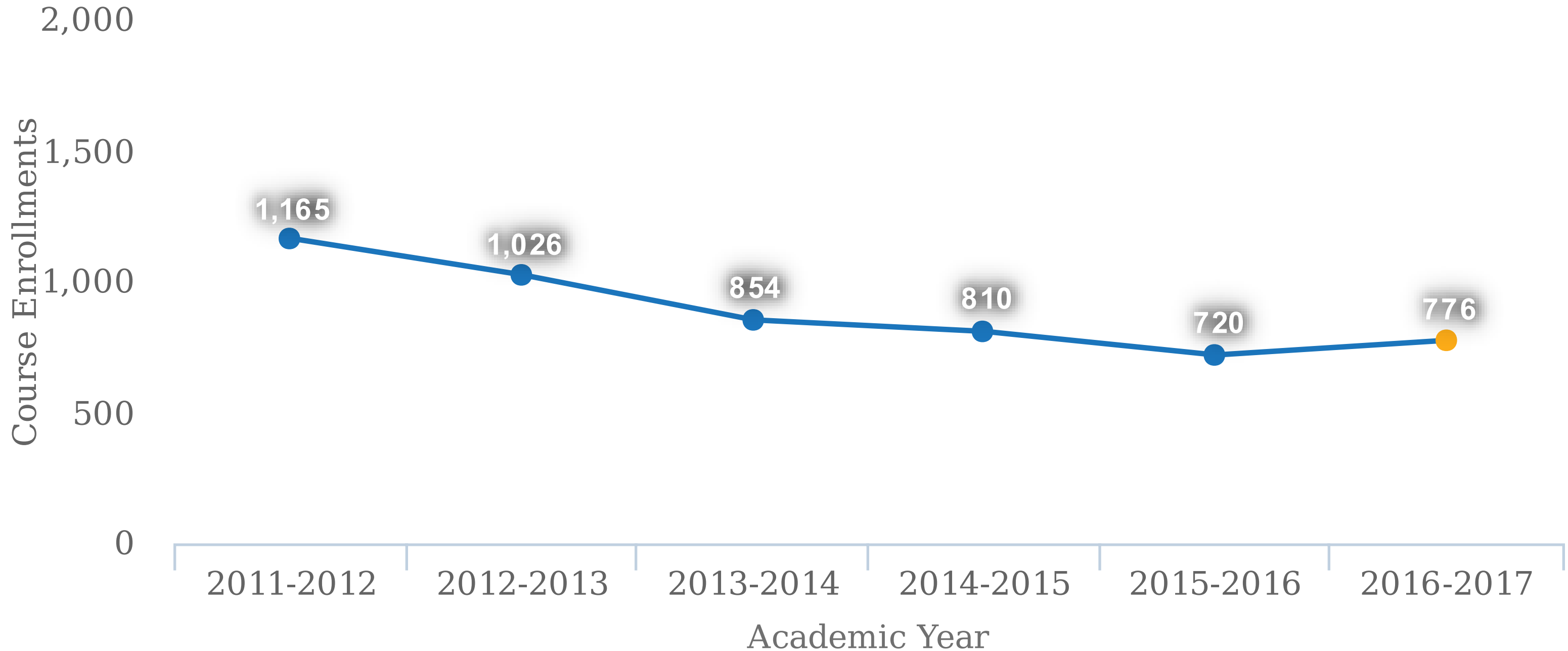


80% increase in
earnings after exiting*

*Based upon students that exited in 2015-16.

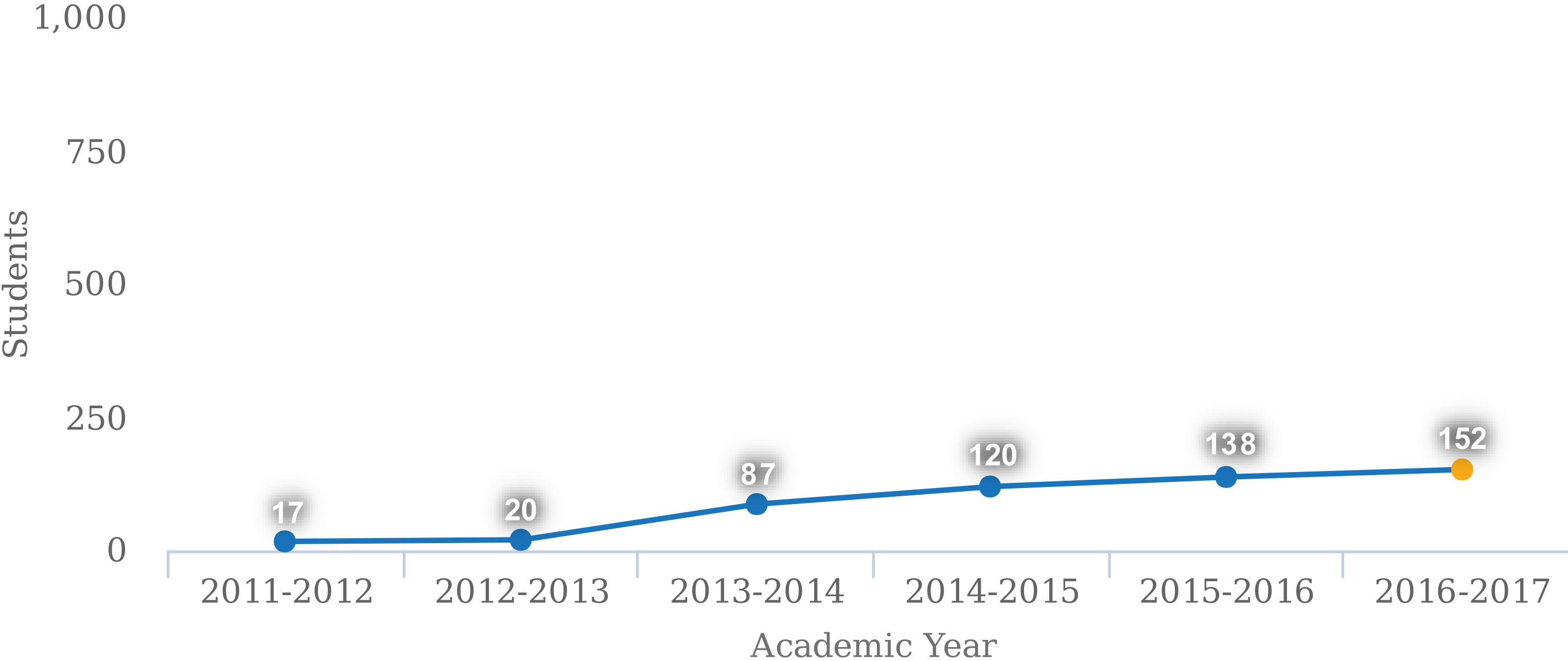
Number of Course Enrollments

Pasadena City College || SECTOR - Advanced Manufacturing || 2016-2017



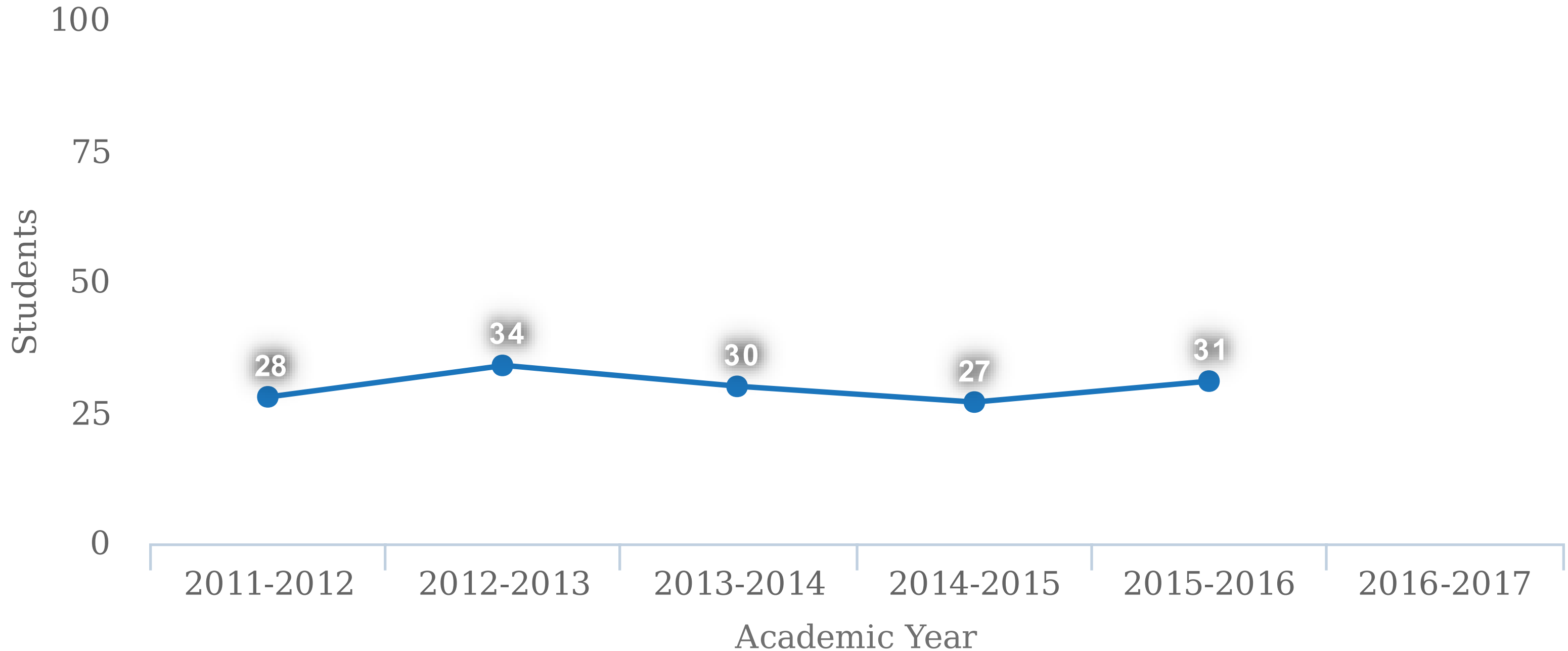
Number of Students Who Earned a Degree or Certificate

Pasadena City College || SECTOR - Advanced Manufacturing || 2016-2017



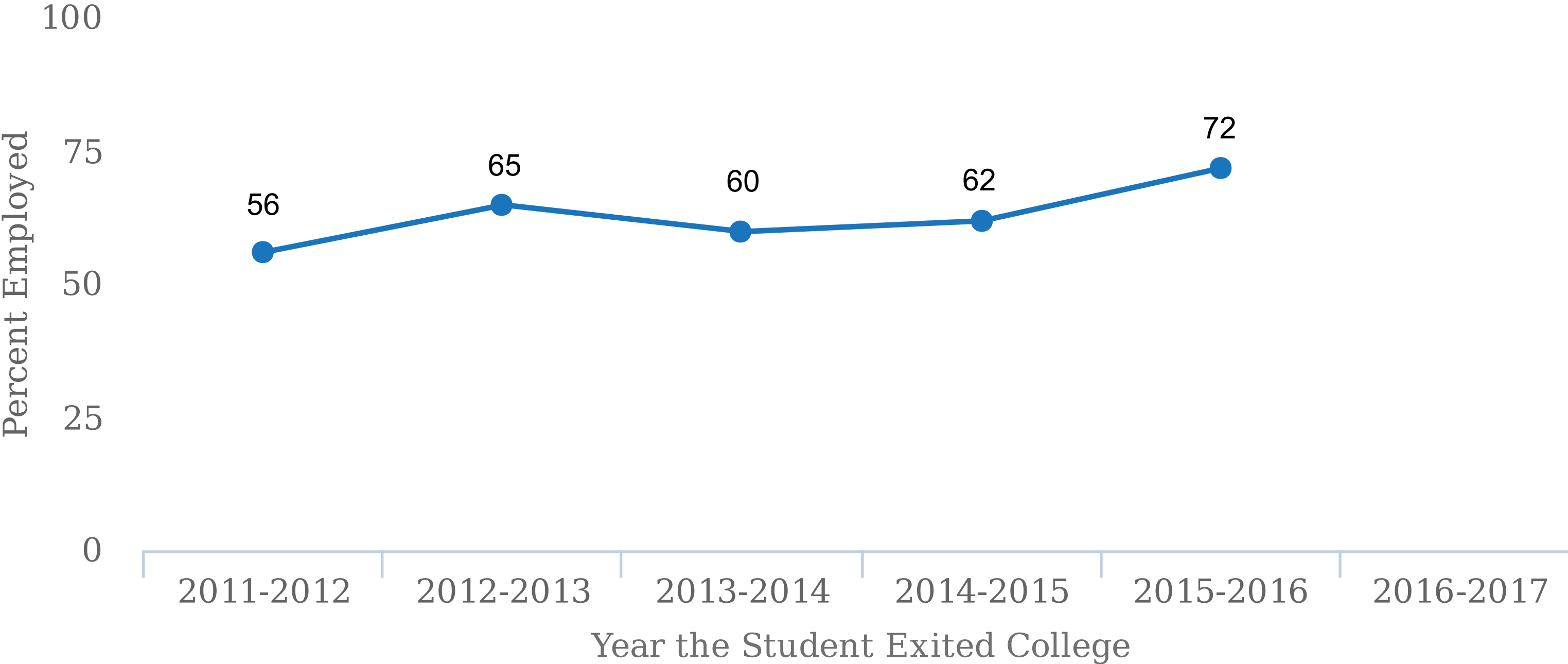
Number of Students Who Transferred to a Four-Year Institution

Pasadena City College || SECTOR - Advanced Manufacturing || 2016-2017



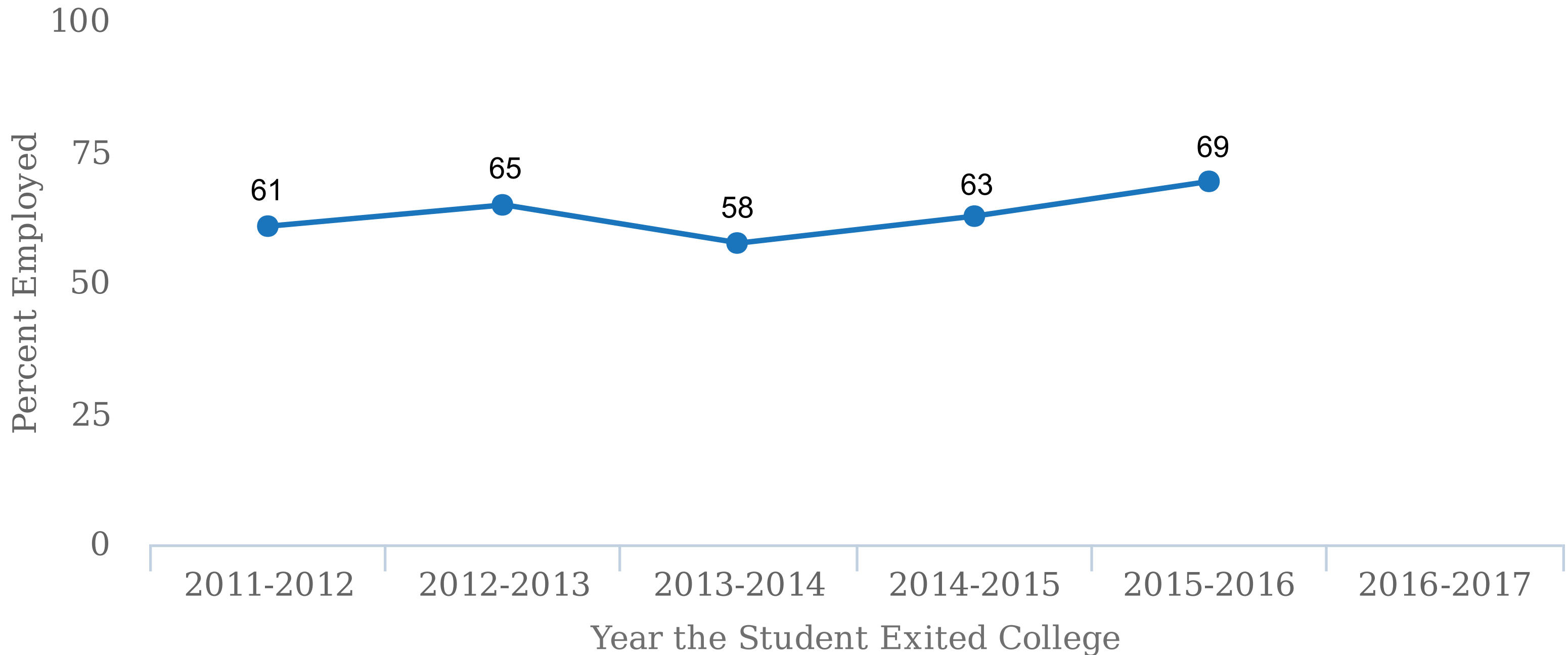
Employed in the Second Fiscal Quarter After Exit (All Exiters)

Pasadena City College || SECTOR - Advanced Manufacturing || 2016-2017



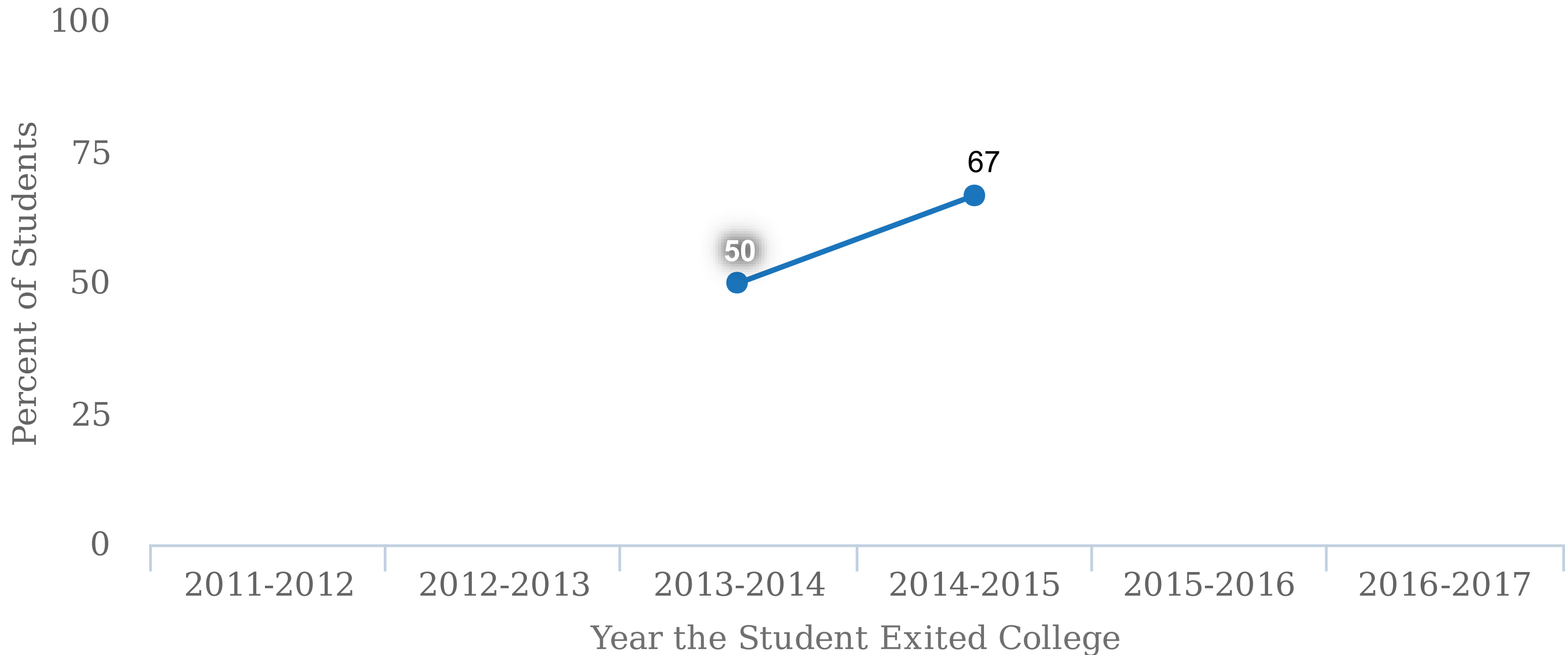
Employed in the Fourth Fiscal Quarter After Exit

Pasadena City College || SECTOR - Advanced Manufacturing || 2016-2017



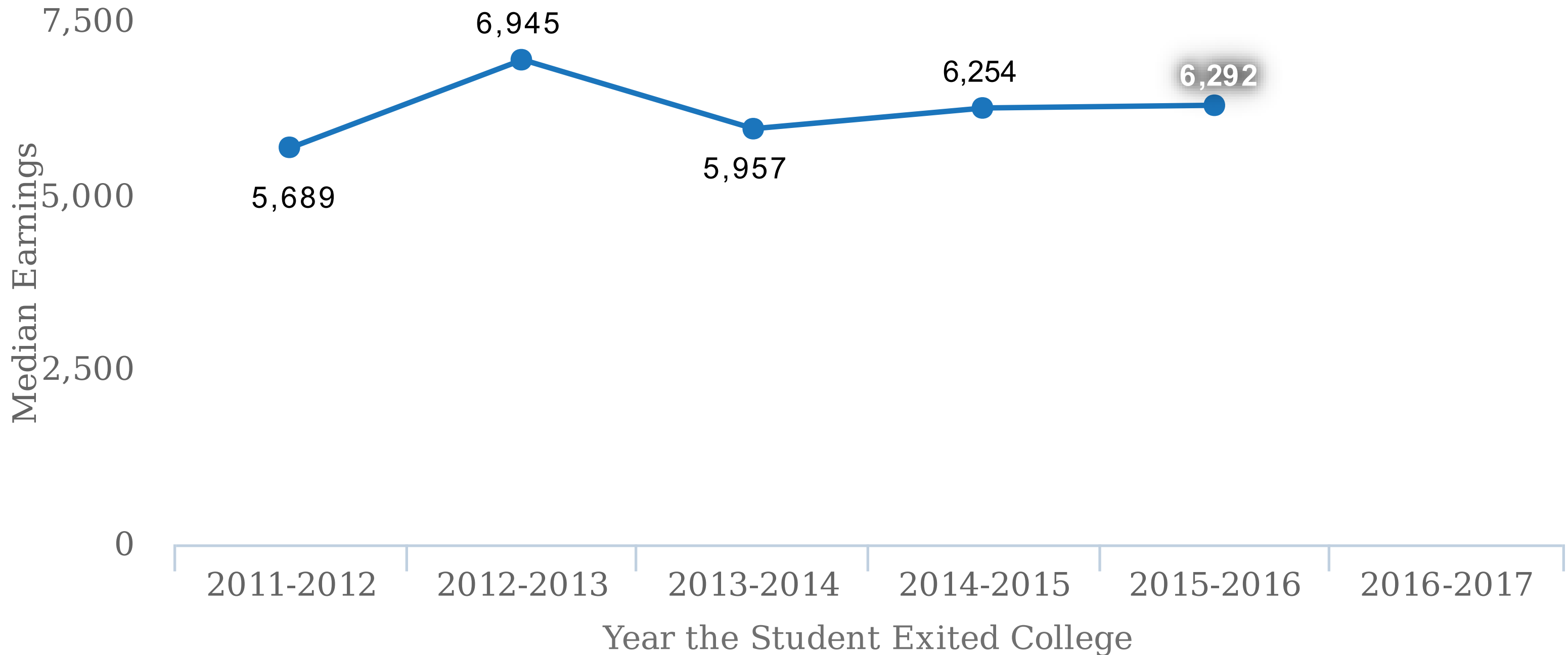
Job Closely Related to Field of Study

Pasadena City College || SECTOR - Advanced Manufacturing || 2016-2017



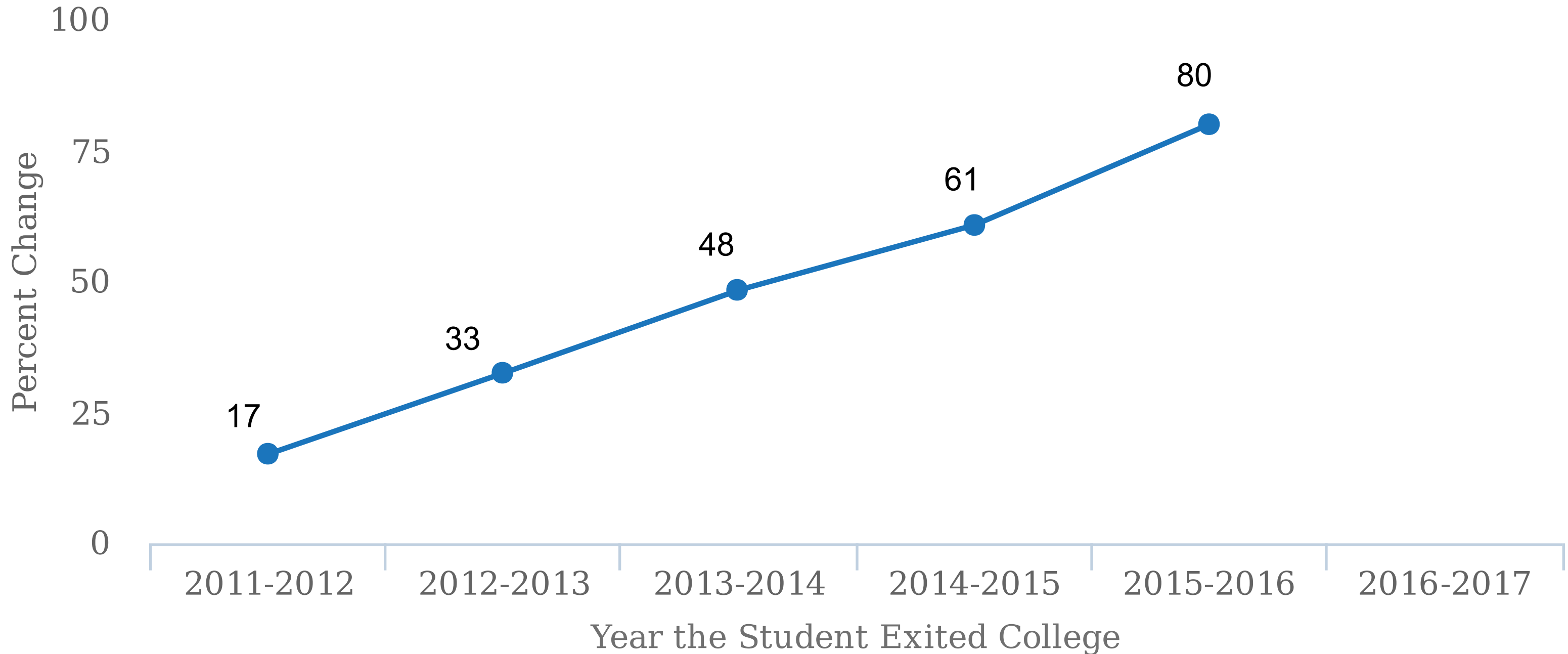
Median Earnings in the Second Fiscal Quarter After Exit

Pasadena City College || SECTOR - Advanced Manufacturing || 2016-2017



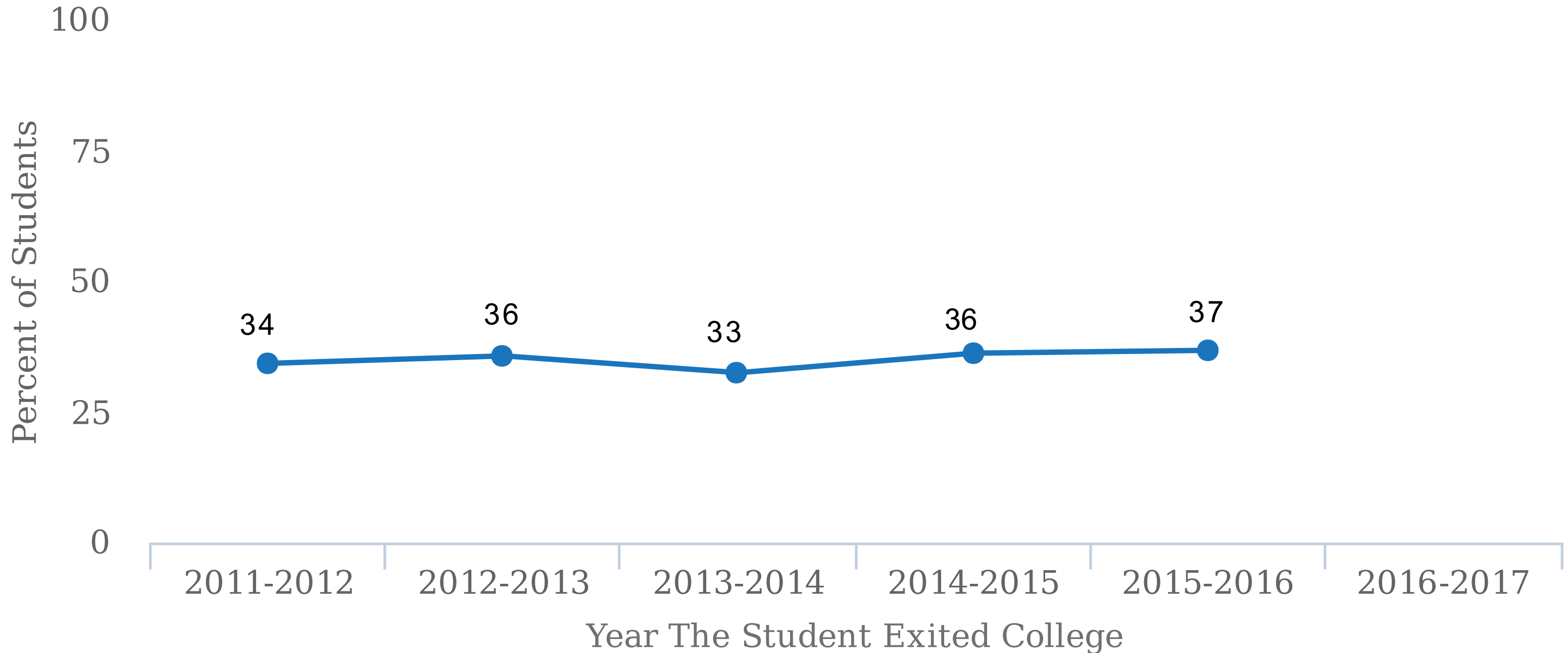
Median Change in Earnings

Pasadena City College || SECTOR - Advanced Manufacturing || 2016-2017



Proportion of Students Who Attained a Living Wage

Pasadena City College || SECTOR - Advanced Manufacturing || 2016-2017



SWP Quick Facts 2016-17:

Advanced Transportation



426 course enrollments



15 students earned a
degree or certificate



73% employed six
months after exiting*

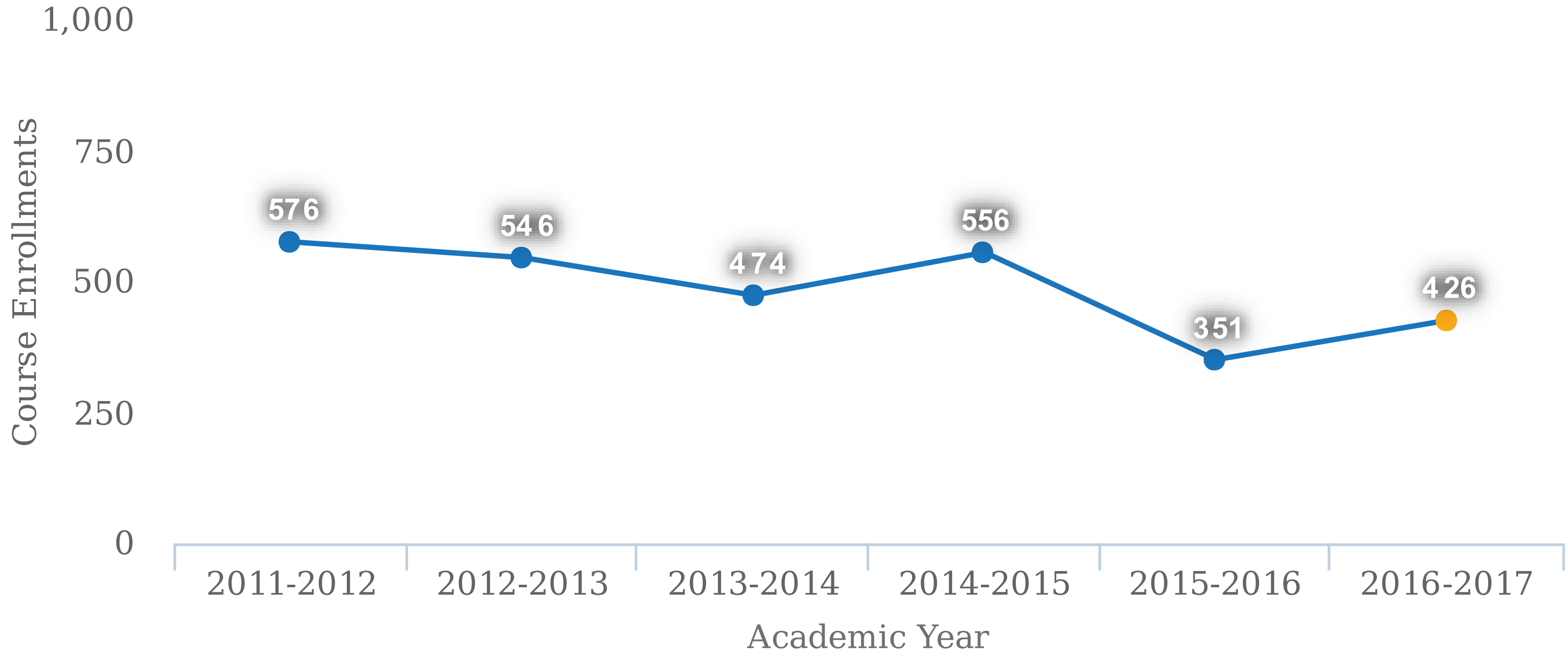


83% increase in
earnings after exiting*

*Based upon students that exited in 2015-16.

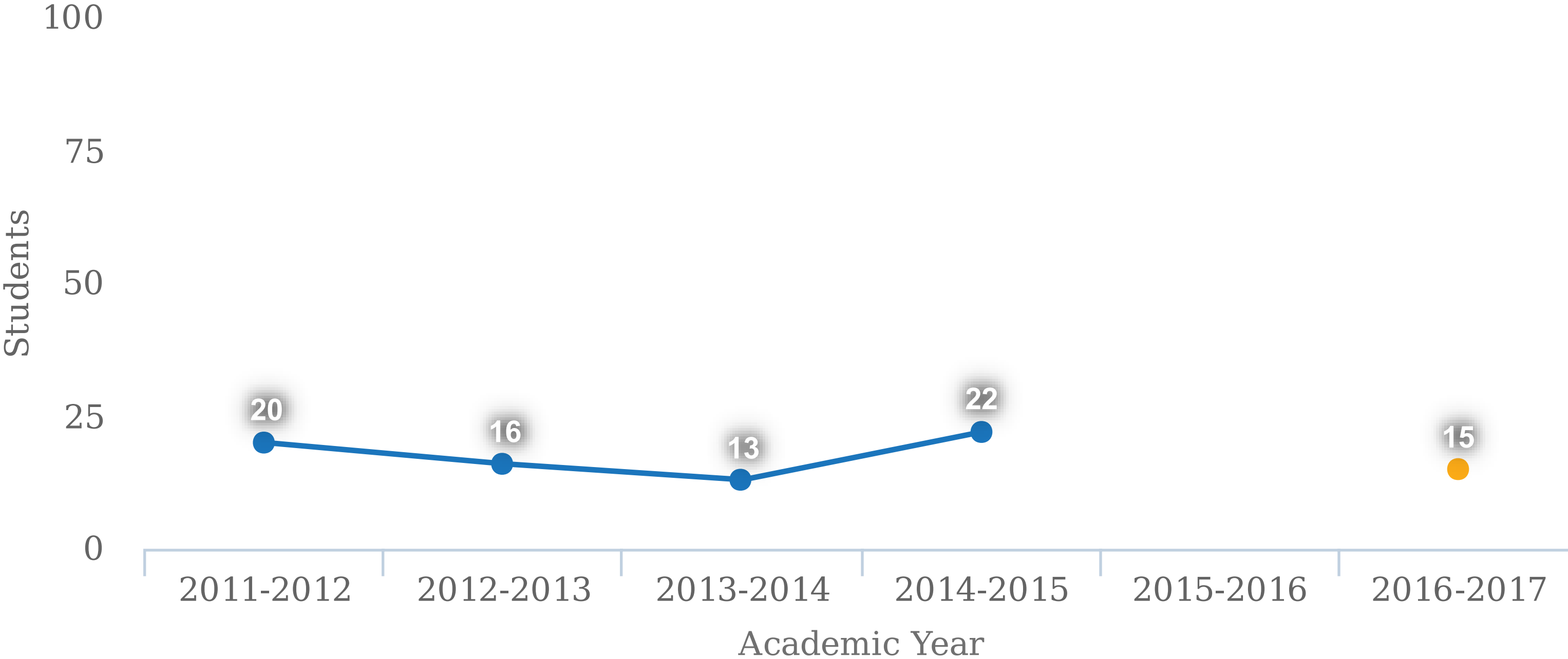
Number of Course Enrollments

Pasadena City College || SECTOR - Advanced Transportation and Logistics || 2016-2017



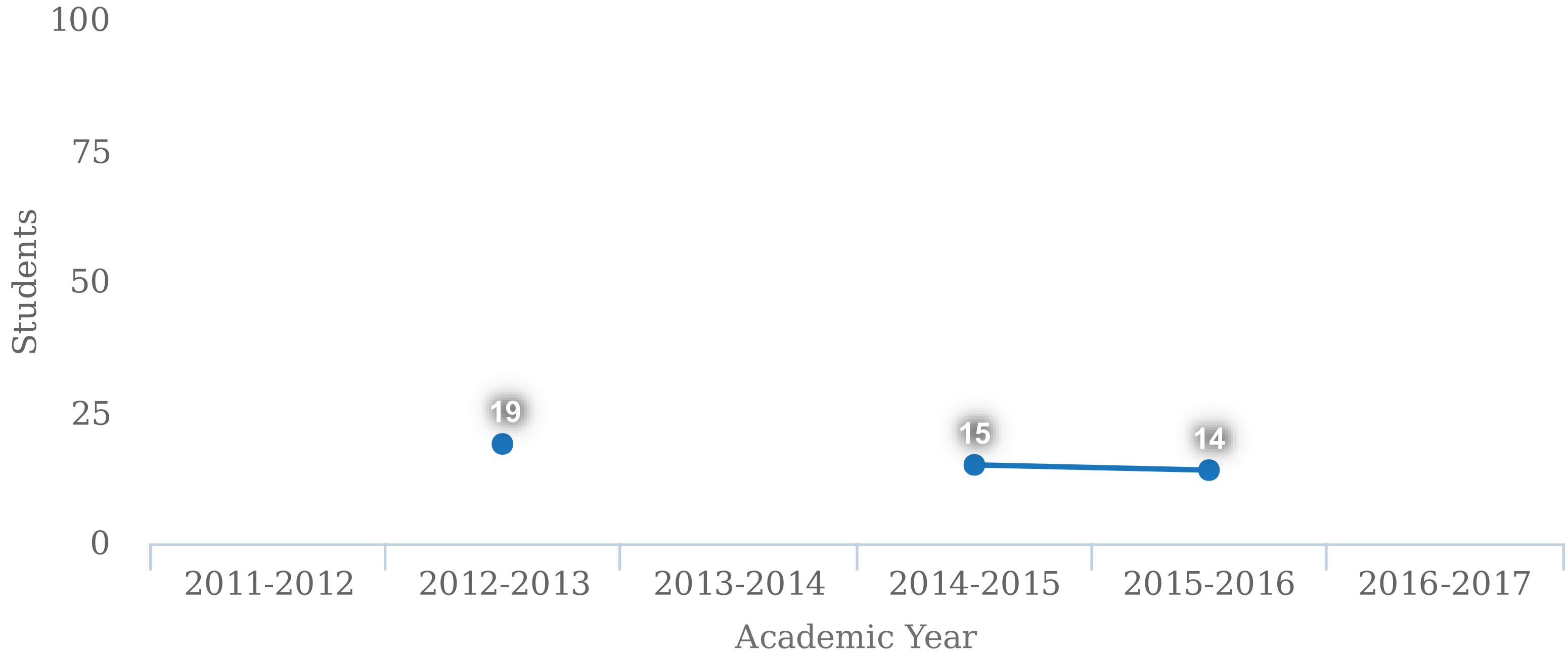
Number of Students Who Earned a Degree or Certificate

Pasadena City College || SECTOR - Advanced Transportation and Logistics || 2016-2017



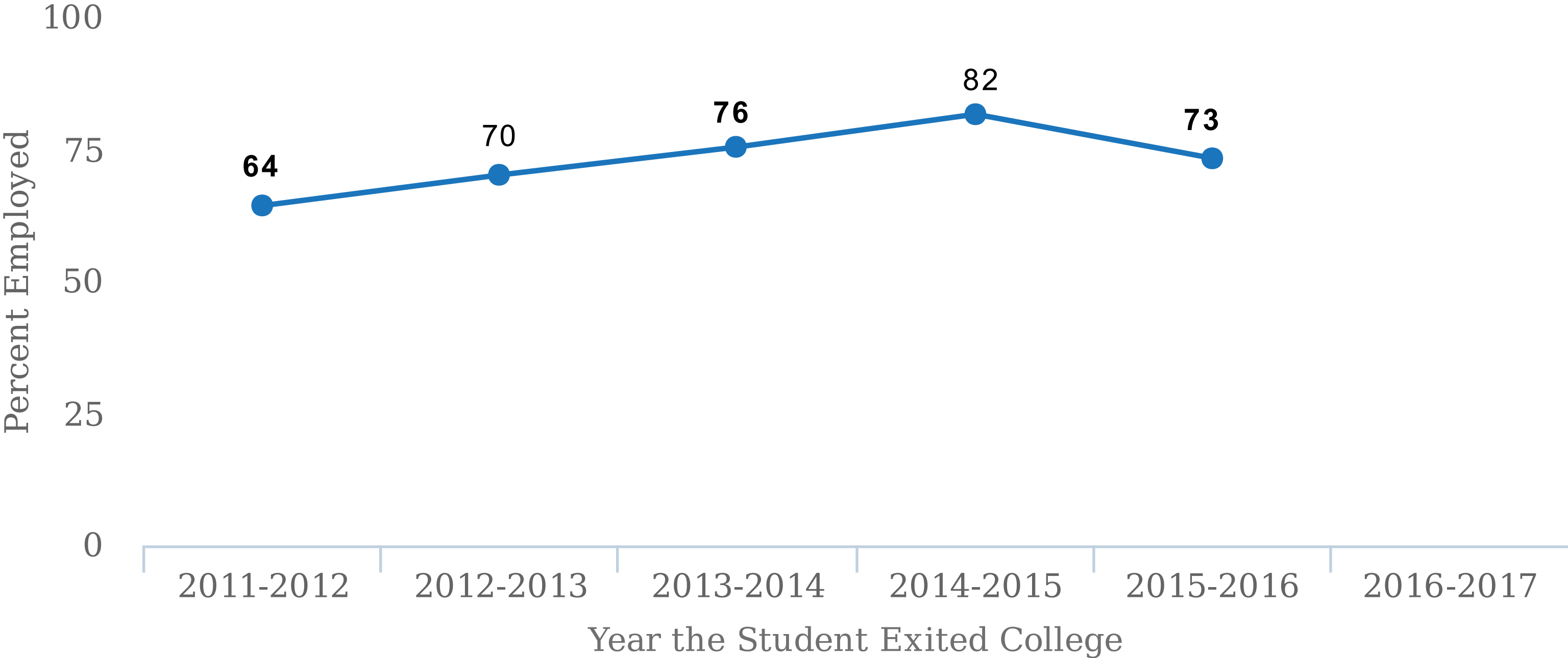
Number of Students Who Transferred to a Four-Year Institution

Pasadena City College || SECTOR - Advanced Transportation and Logistics || 2016-2017



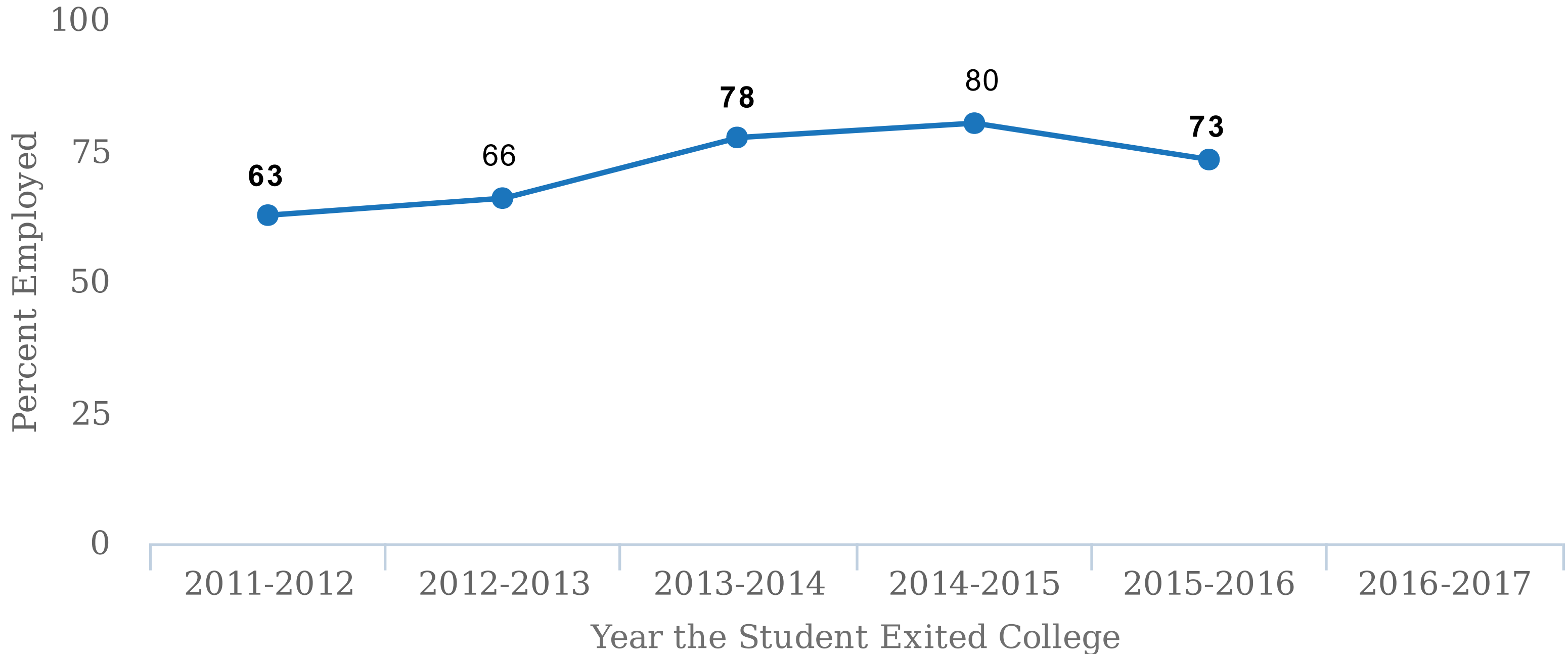
Employed in the Second Fiscal Quarter After Exit (All Exiters)

Pasadena City College || SECTOR - Advanced Transportation and Logistics || 2016-2017



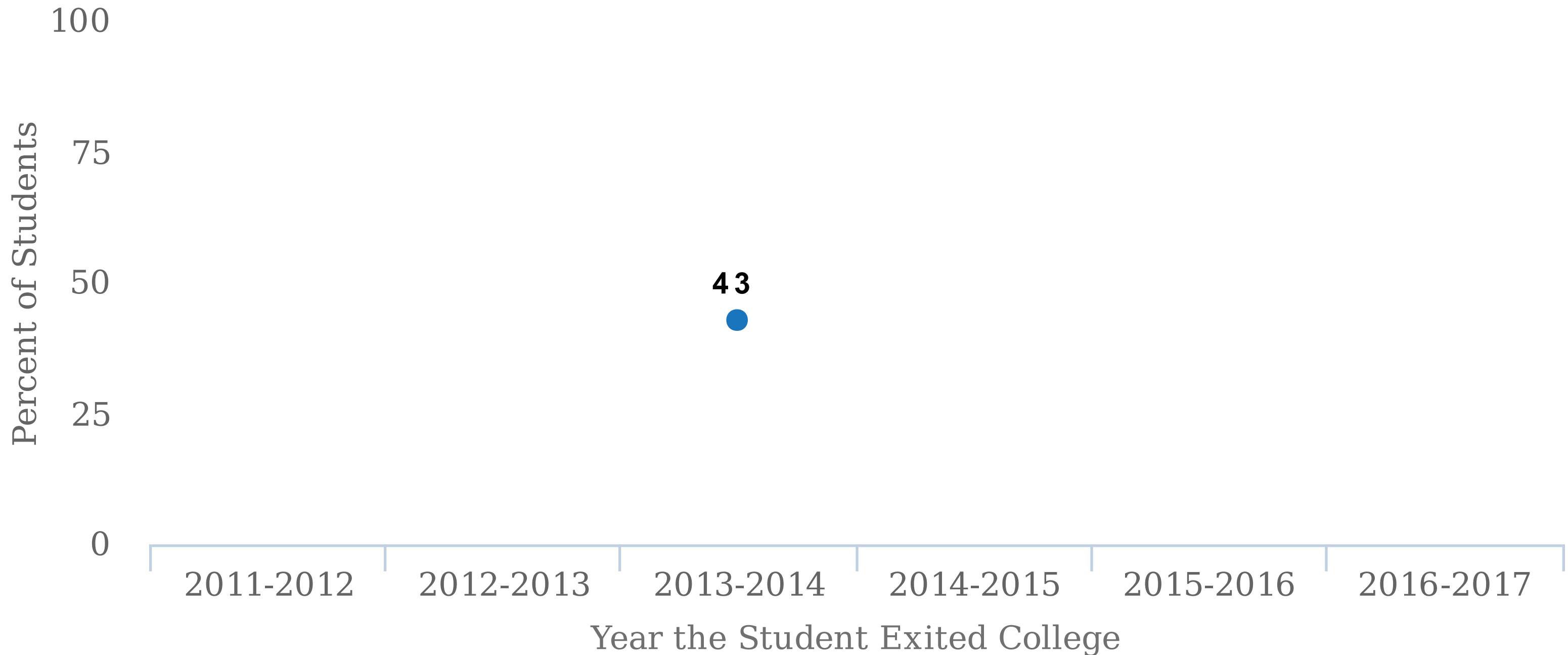
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Pasadena City College || SECTOR - Advanced Transportation and Logistics || 2016-2017



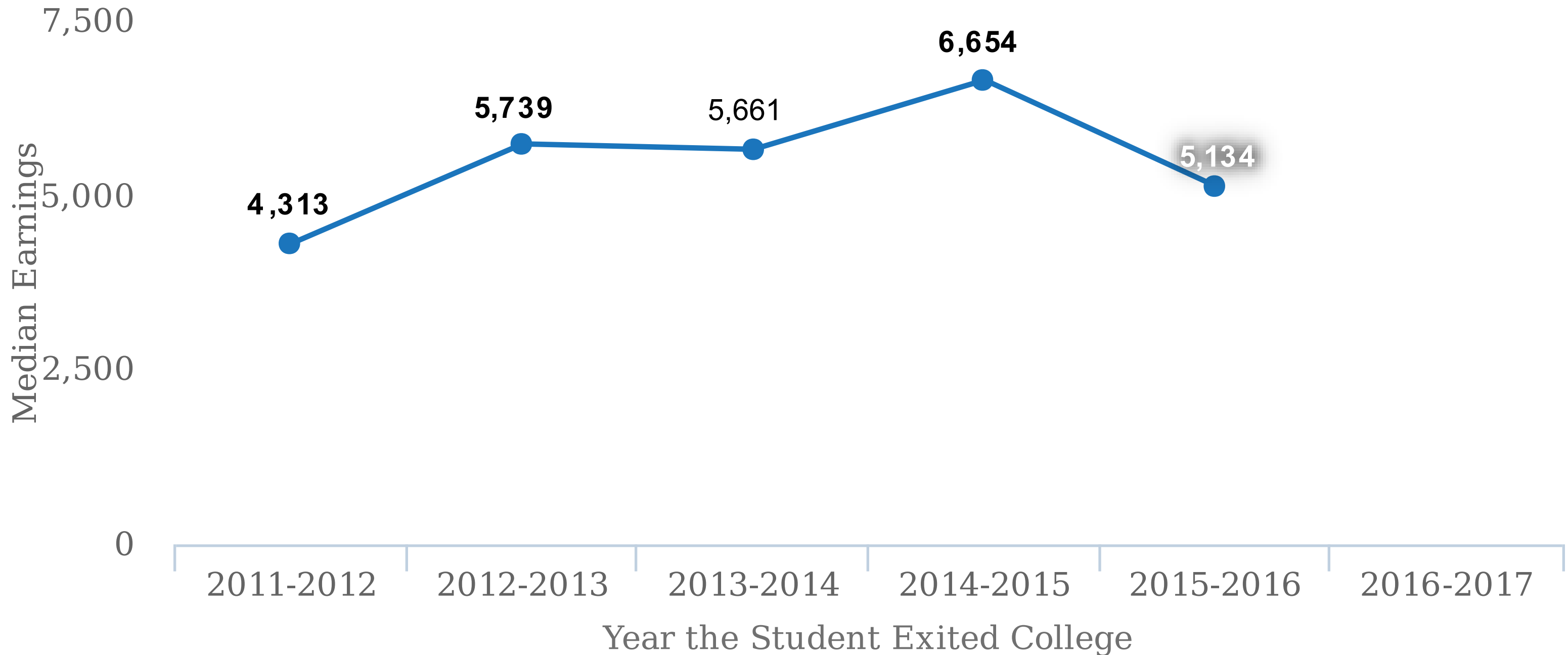
Job Closely Related to Field of Study

Pasadena City College || SECTOR - Advanced Transportation and Logistics || 2016-2017



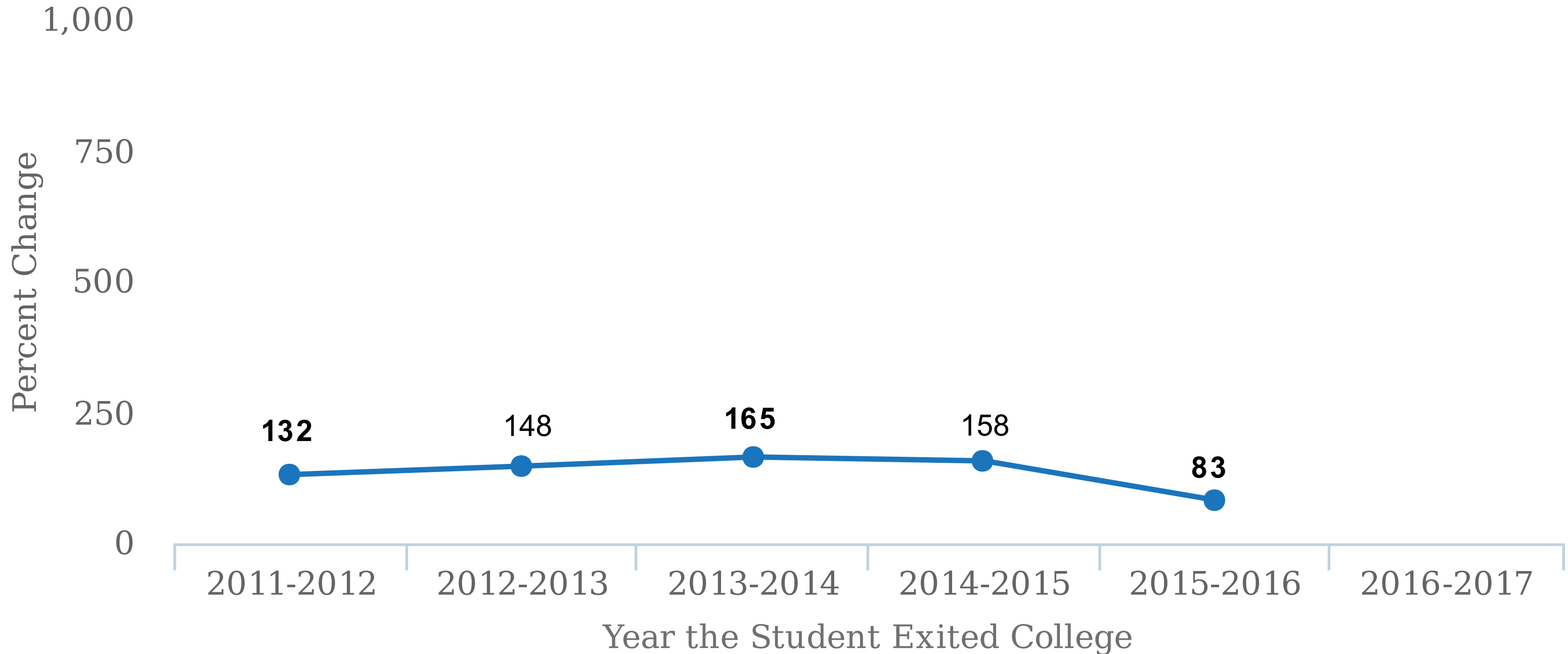
Median Earnings in the Second Fiscal Quarter After Exit

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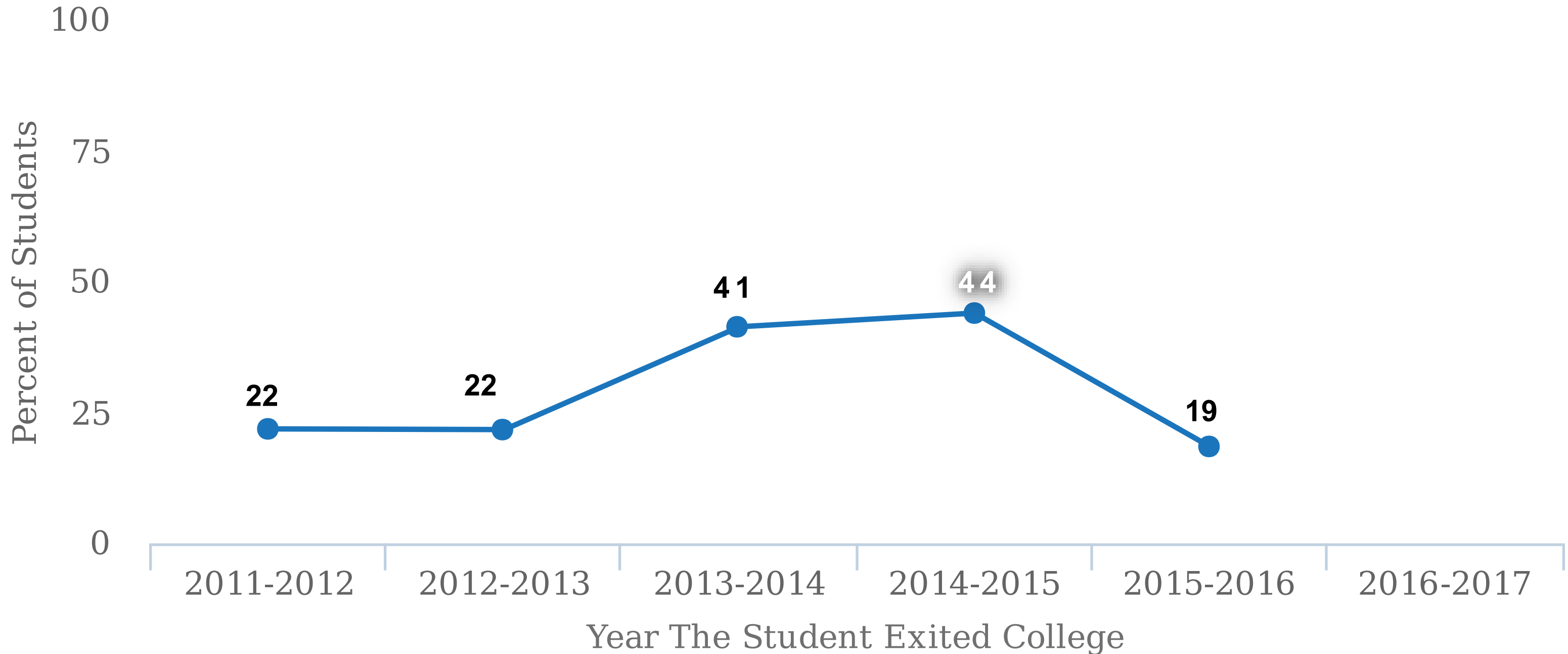
Median Change in Earnings

Pasadena City College || SECTOR - Advanced Transportation and Logistics || 2016-2017



Proportion of Students Who Attained a Living Wage

Pasadena City College || SECTOR - Advanced Transportation and Logistics || 2016-2017



SWP Quick Facts 2016-17:

Energy, Construction and Utilities



2,145 course enrollments



20 students earned a
degree or certificate



72% employed six
months after exiting*

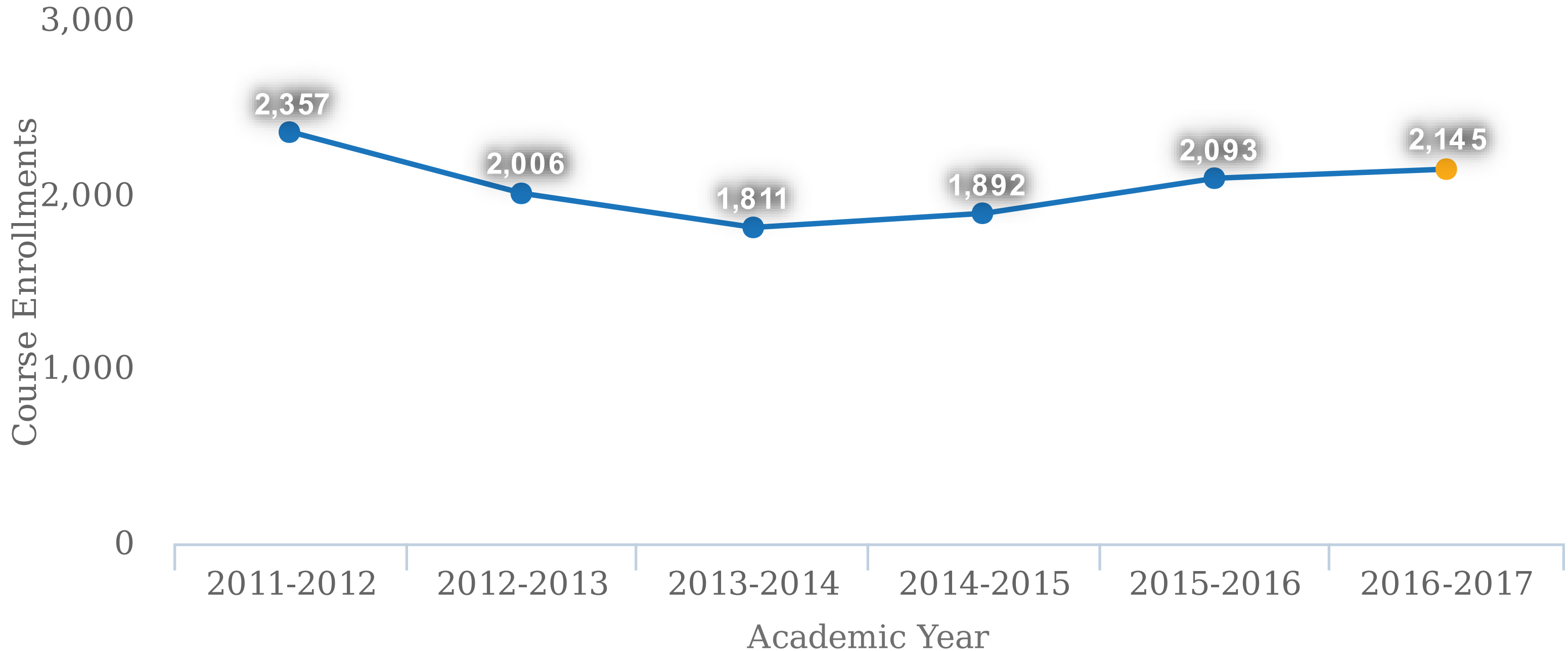


63% increase in
earnings after exiting*

*Based upon students that exited in 2015-16.

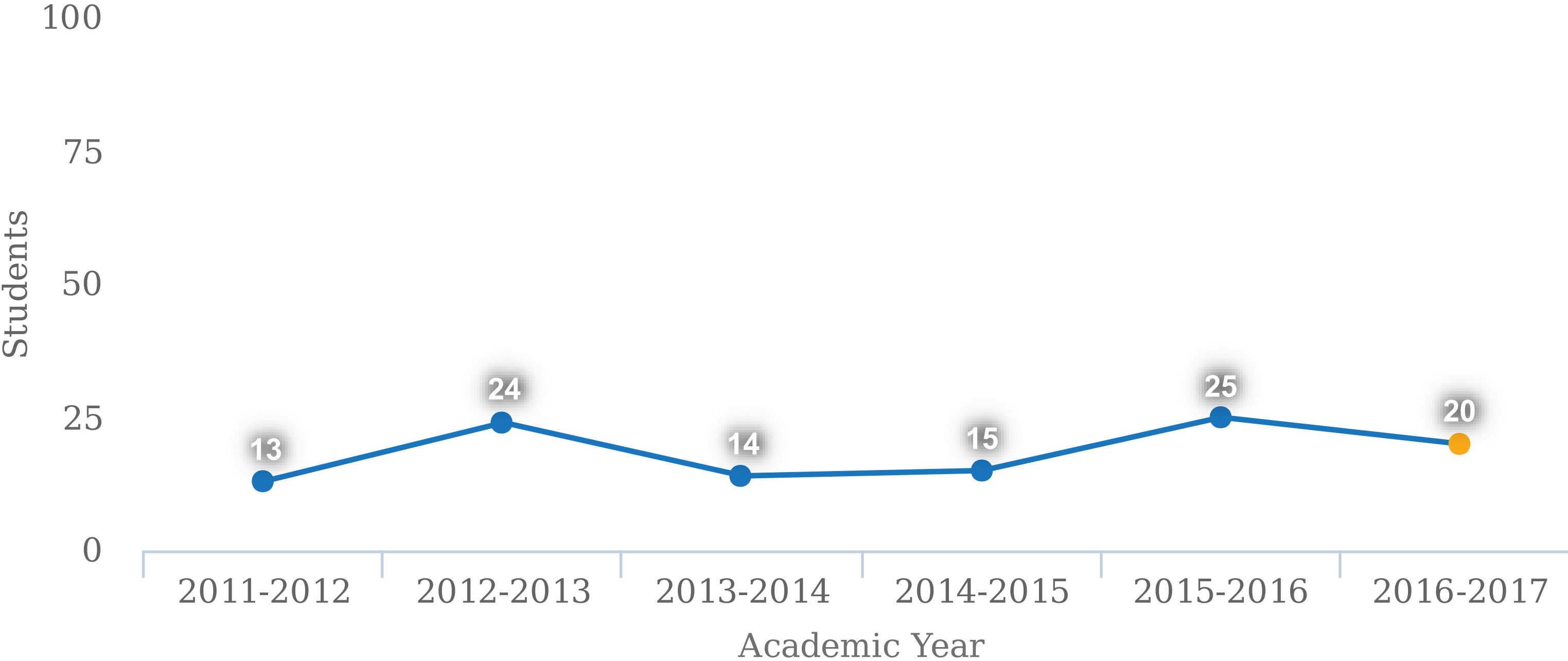
Number of Course Enrollments

Pasadena City College || SECTOR - Energy, Construction and Utilities || 2016-2017



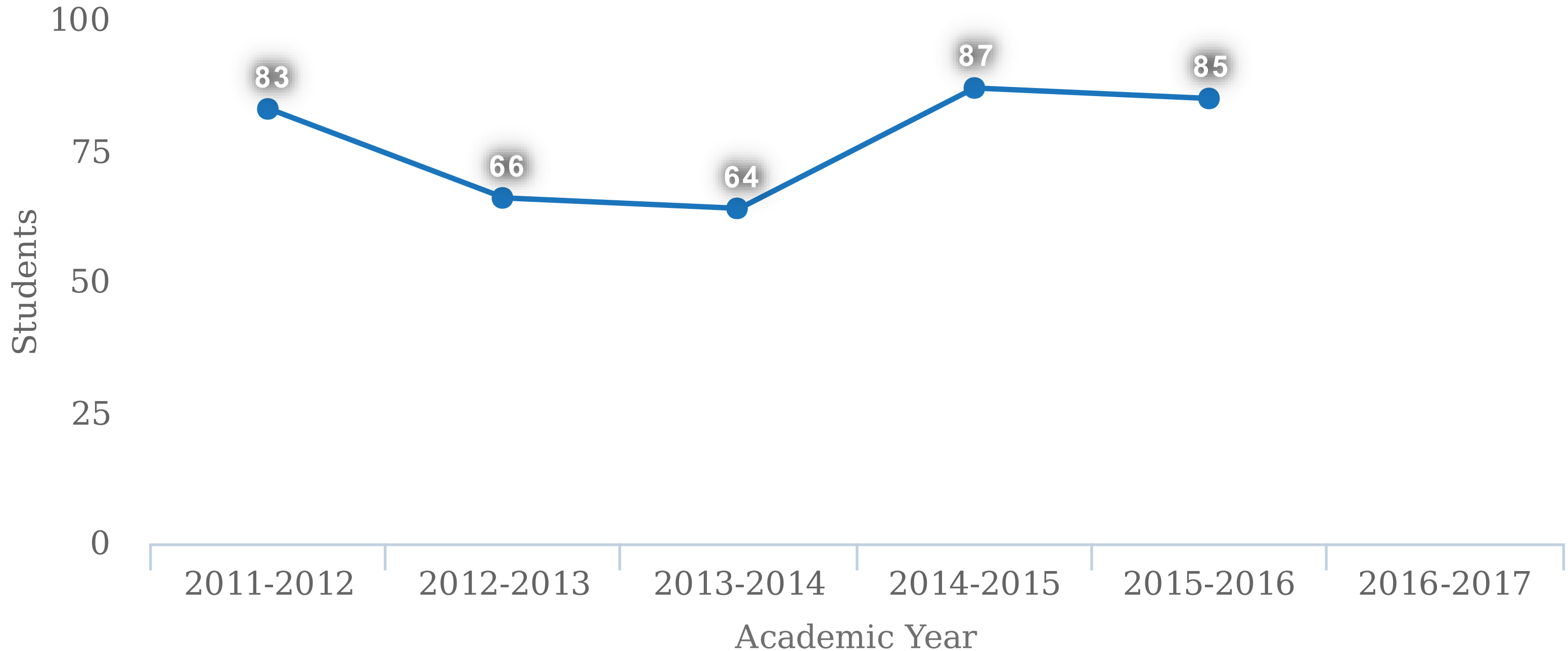
Number of Students Who Earned a Degree or Certificate

Pasadena City College || SECTOR - Energy, Construction and Utilities || 2016-2017



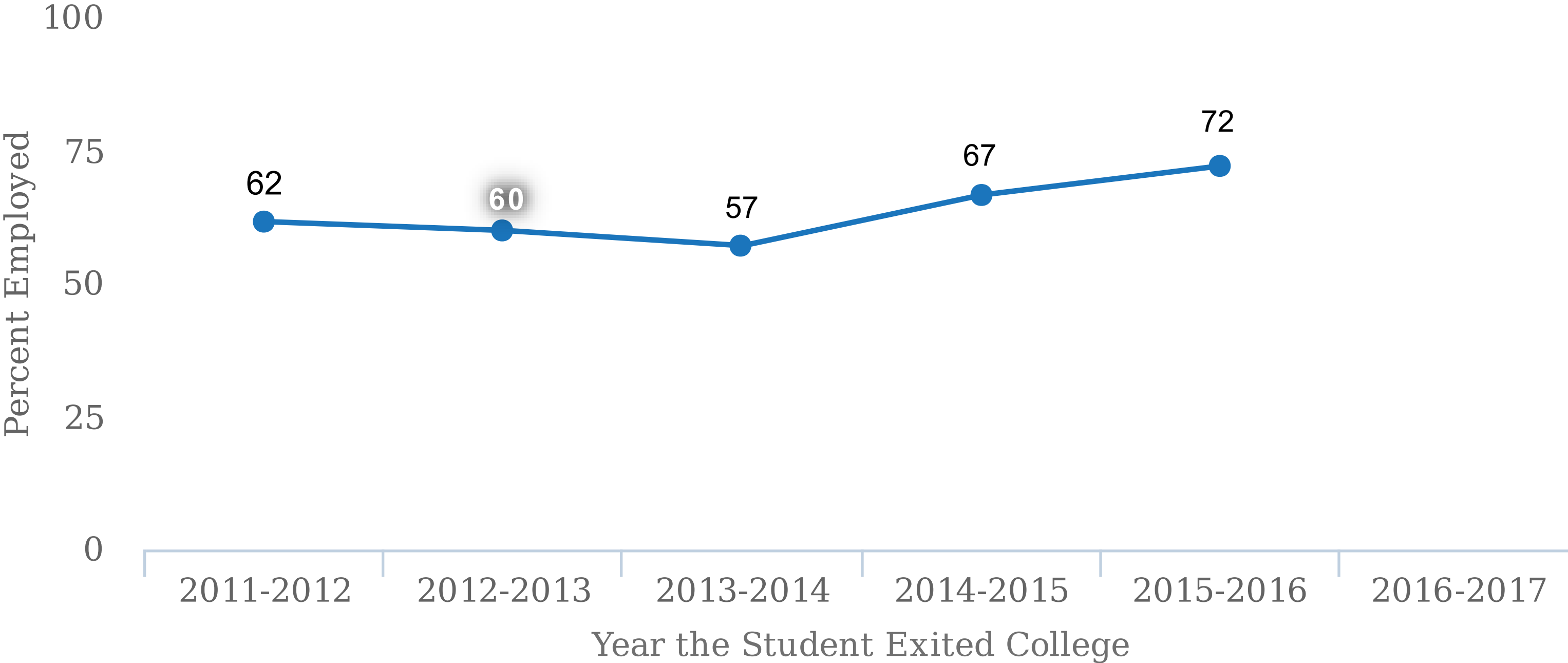
Number of Students Who Transferred to a Four-Year Institution

Pasadena City College || SECTOR - Energy, Construction and Utilities || 2016-2017



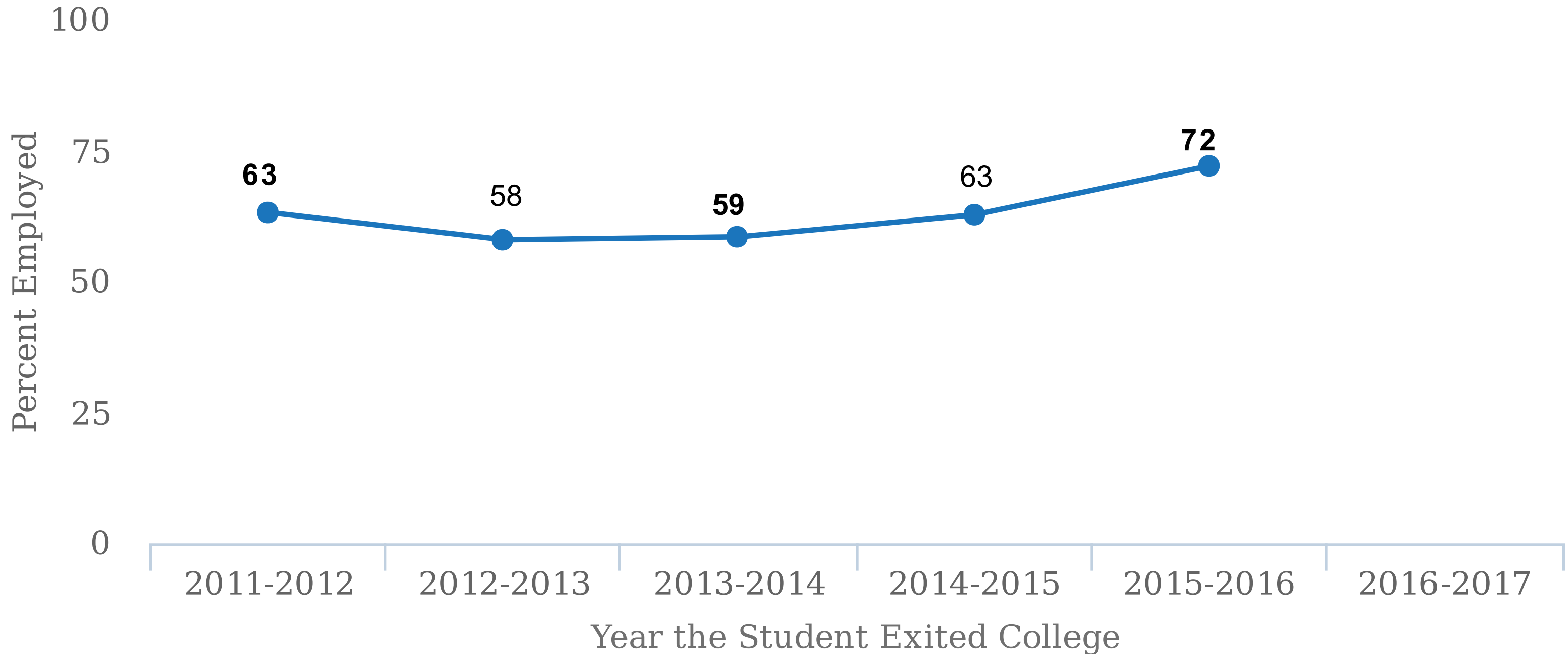
Employed in the Second Fiscal Quarter After Exit (All Exiters)

Pasadena City College || SECTOR - Energy, Construction and Utilities || 2016-2017



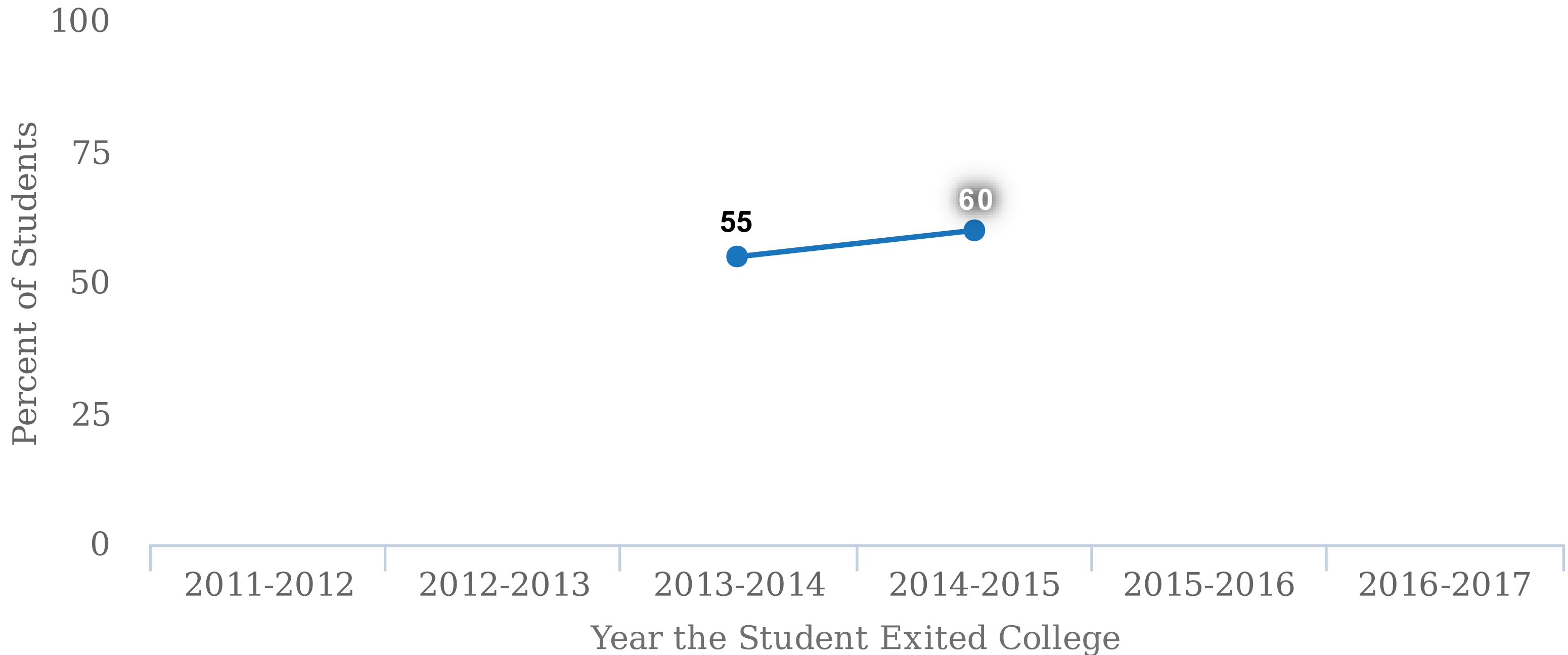
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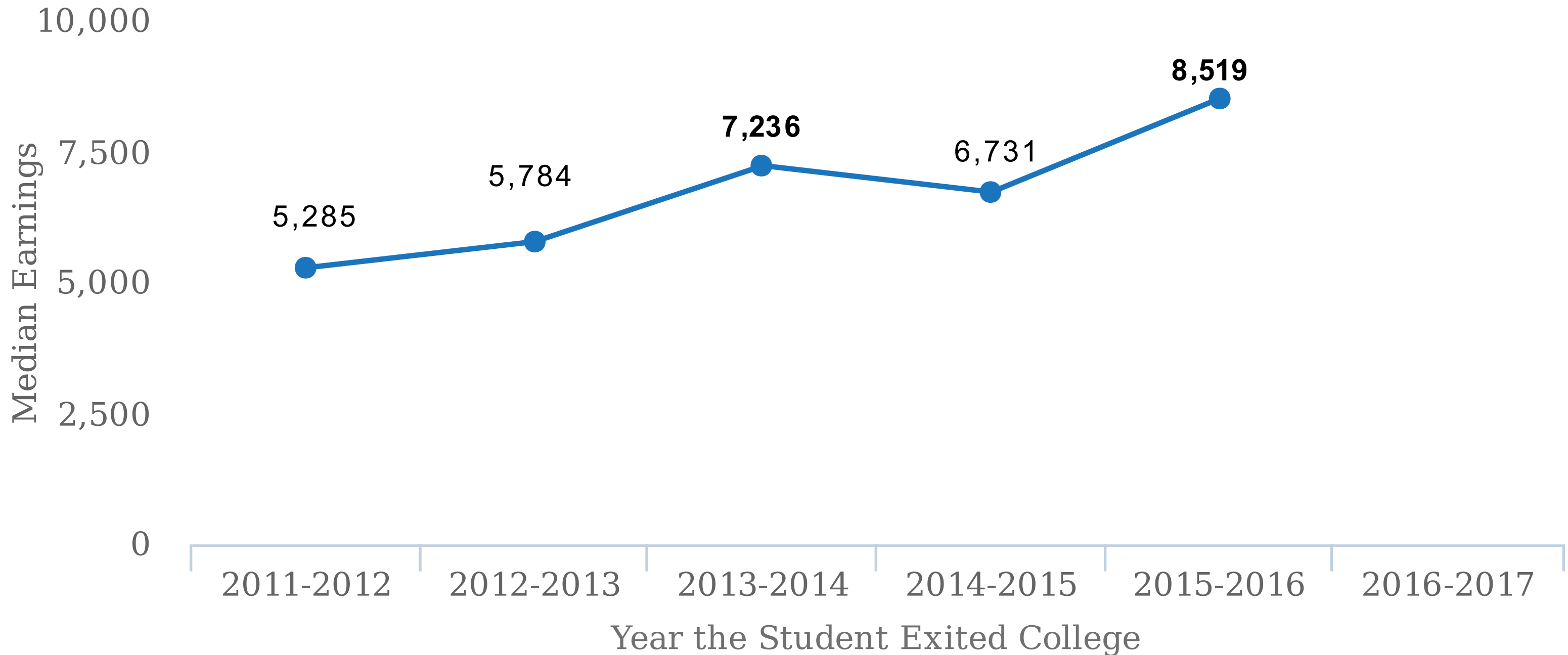
Job Closely Related to Field of Study

Pasadena City College || SECTOR - Energy, Construction and Utilities || 2016-2017



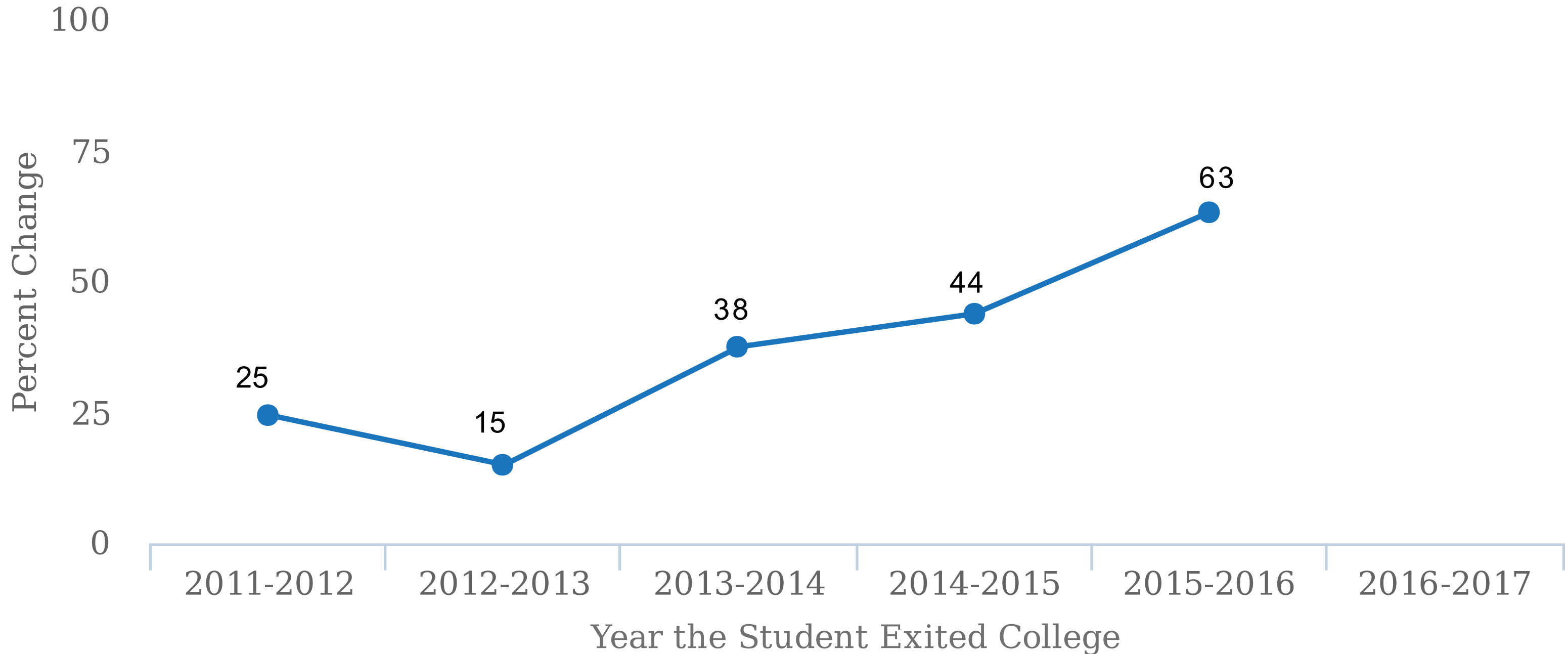
Median Earnings in the Second Fiscal Quarter After Exit

Pasadena City College || SECTOR - Energy, Construction and Utilities || 2016-2017



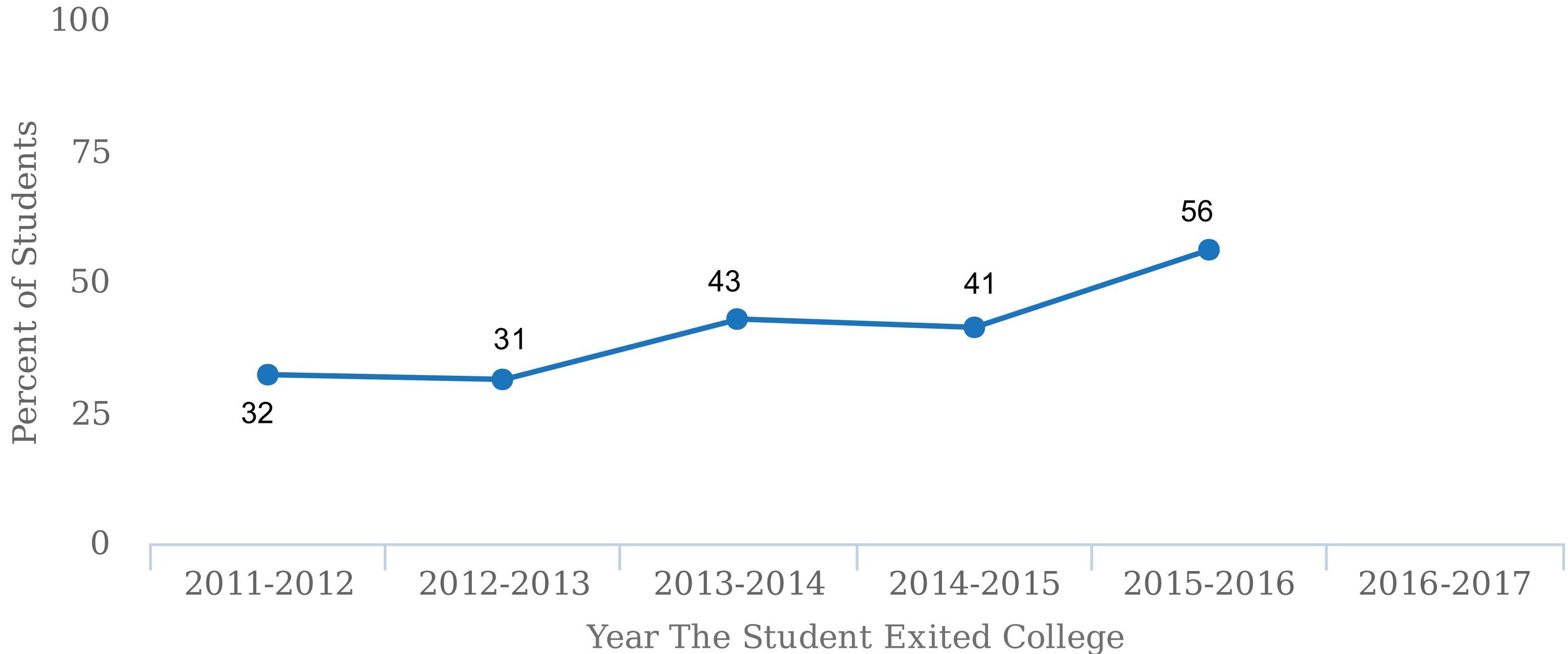
Median Change in Earnings

Pasadena City College || SECTOR - Energy, Construction and Utilities || 2016-2017



Proportion of Students Who Attained a Living Wage

Pasadena City College || SECTOR - Energy, Construction and Utilities || 2016-2017



SWP Quick Facts 2016-17:

Health Care



8,108 course enrollments



231 students earned a degree or certificate



72% employed six months after exiting*

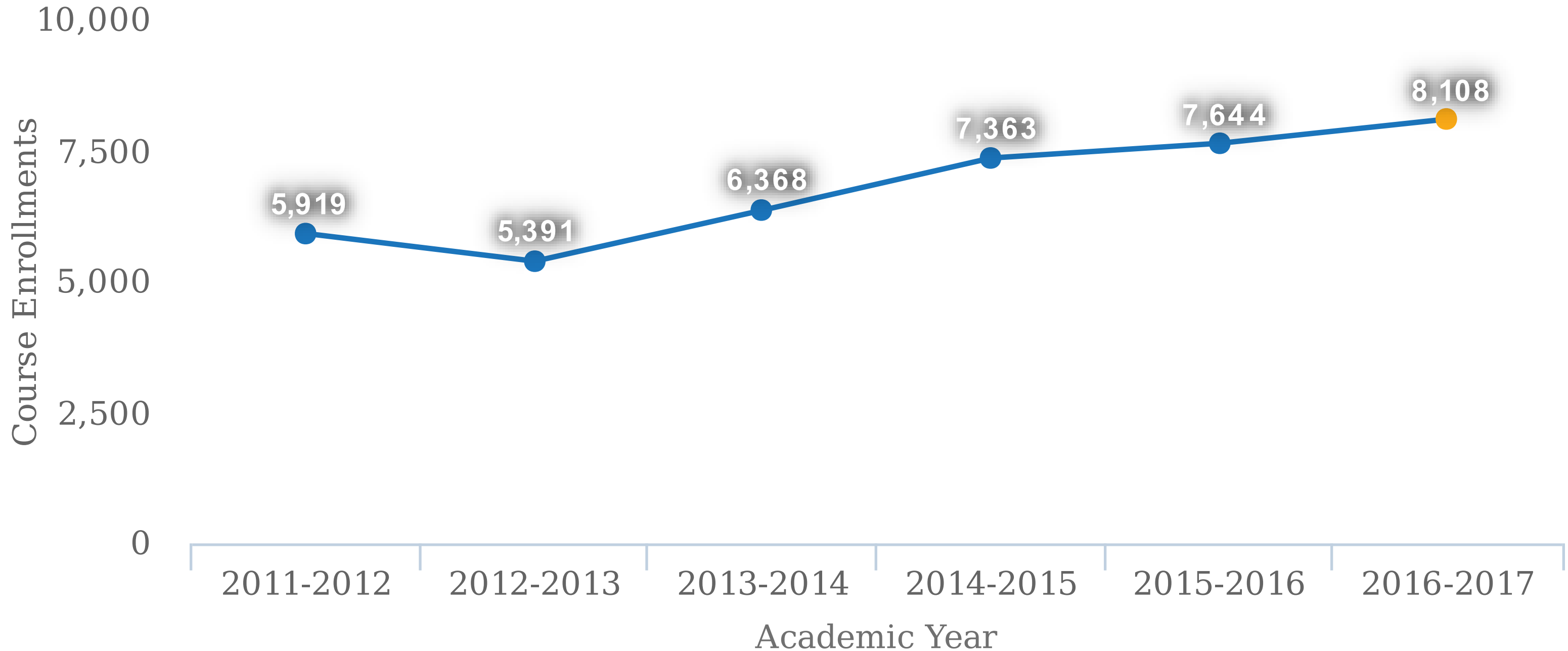


98% increase in earnings after exiting*

*Based upon students that exited in 2015-16.

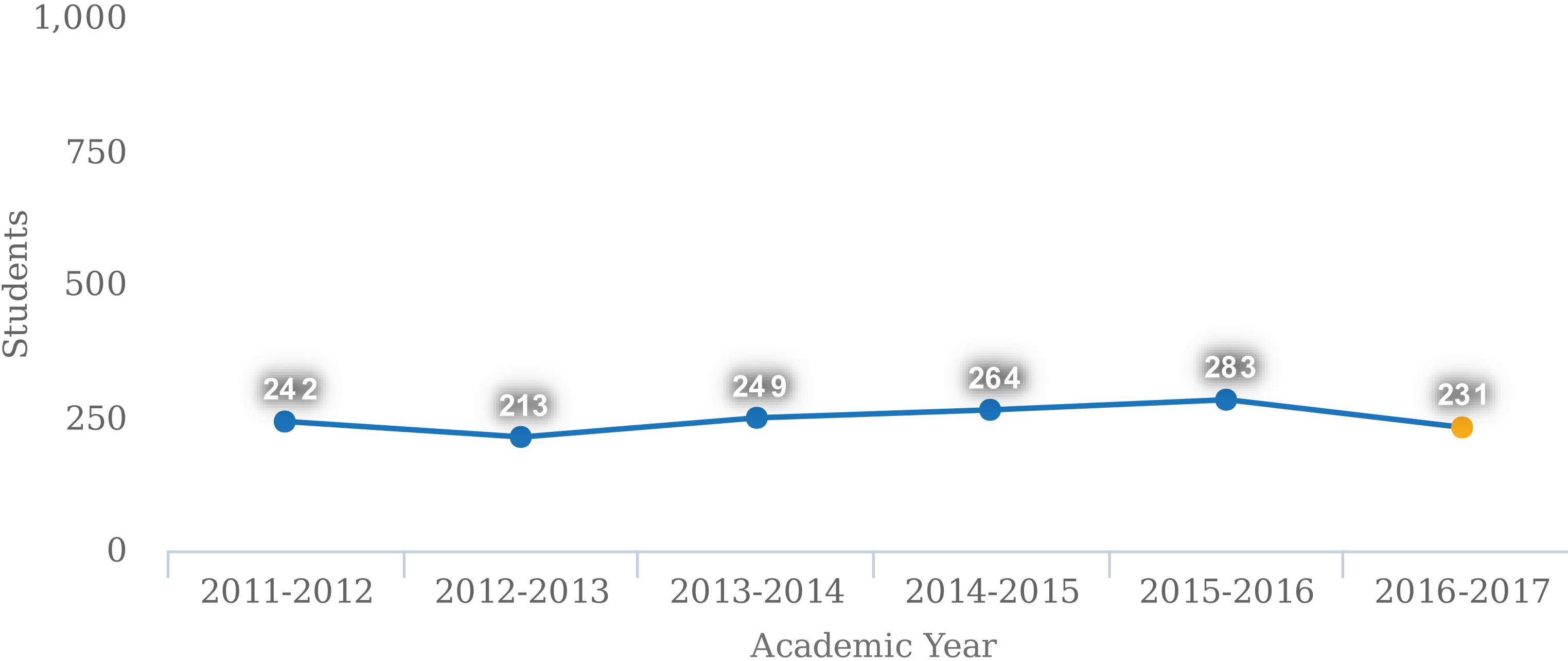
Number of Course Enrollments

Pasadena City College || SECTOR - Health || 2016-2017



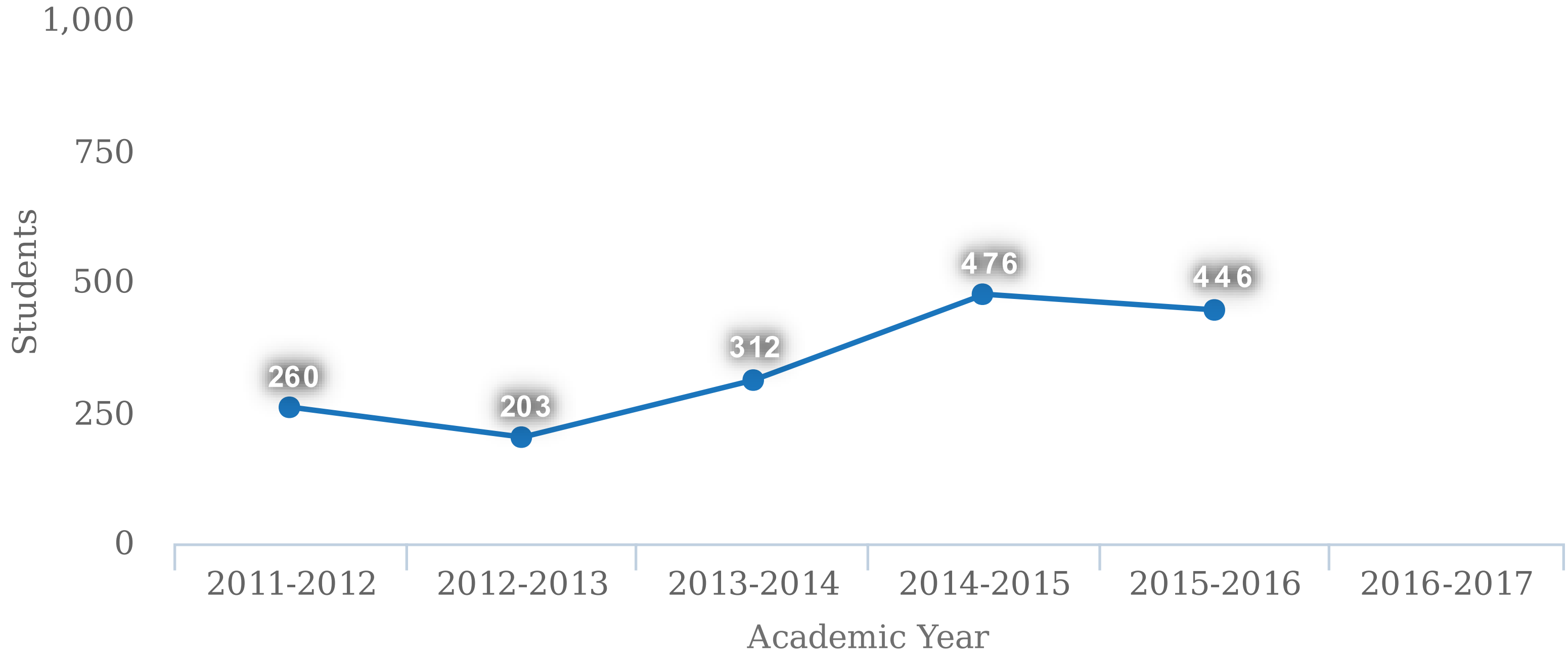
Number of Students Who Earned a Degree or Certificate

Pasadena City College || SECTOR - Health || 2016-2017



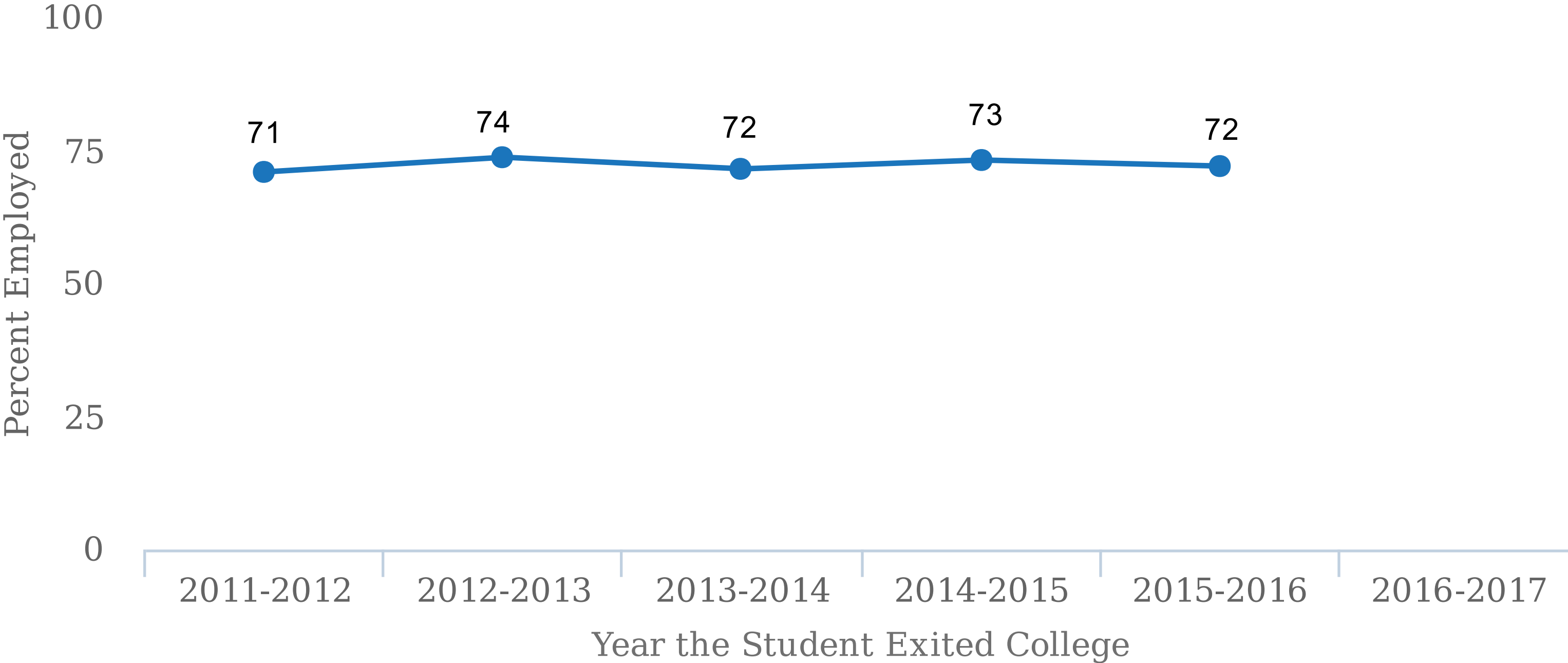
Number of Students Who Transferred to a Four-Year Institution

Pasadena City College || SECTOR - Health || 2016-2017



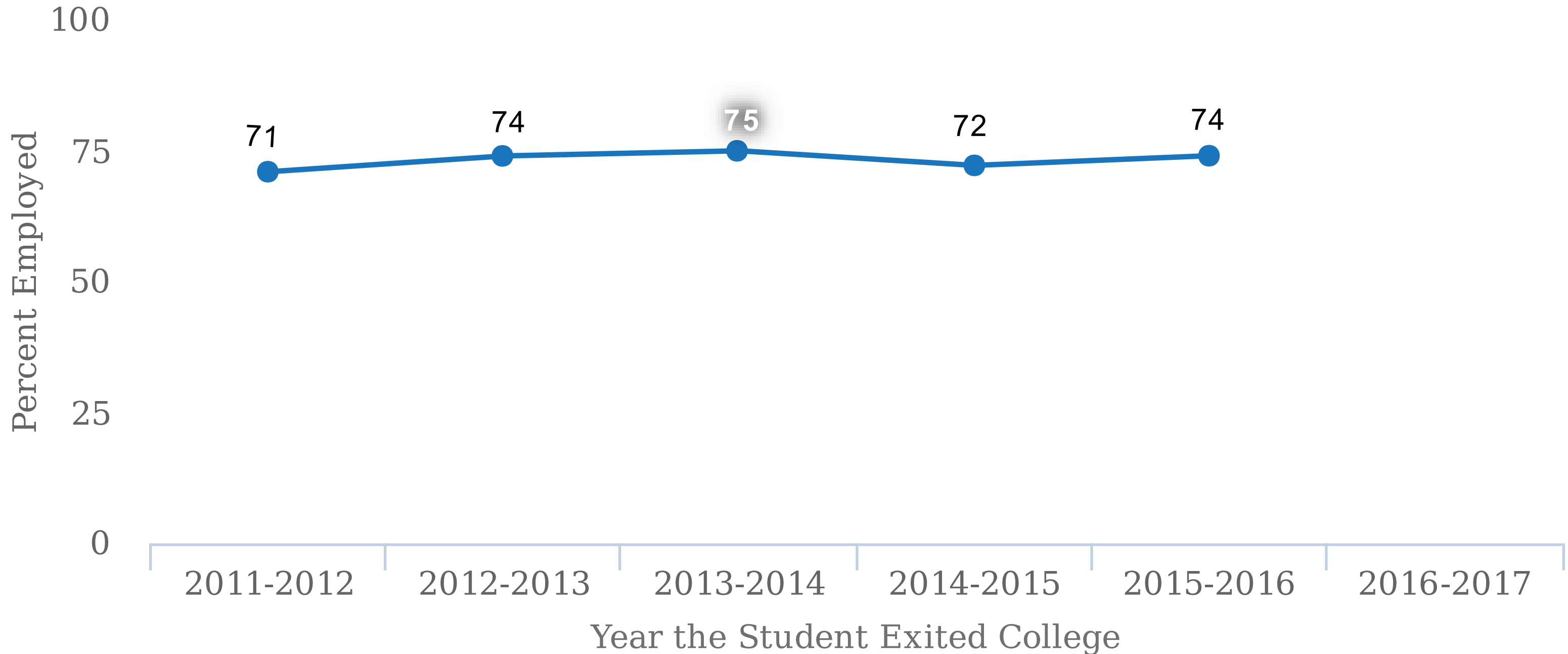
Employed in the Second Fiscal Quarter After Exit (All Exiters)

Pasadena City College || SECTOR - Health || 2016-2017



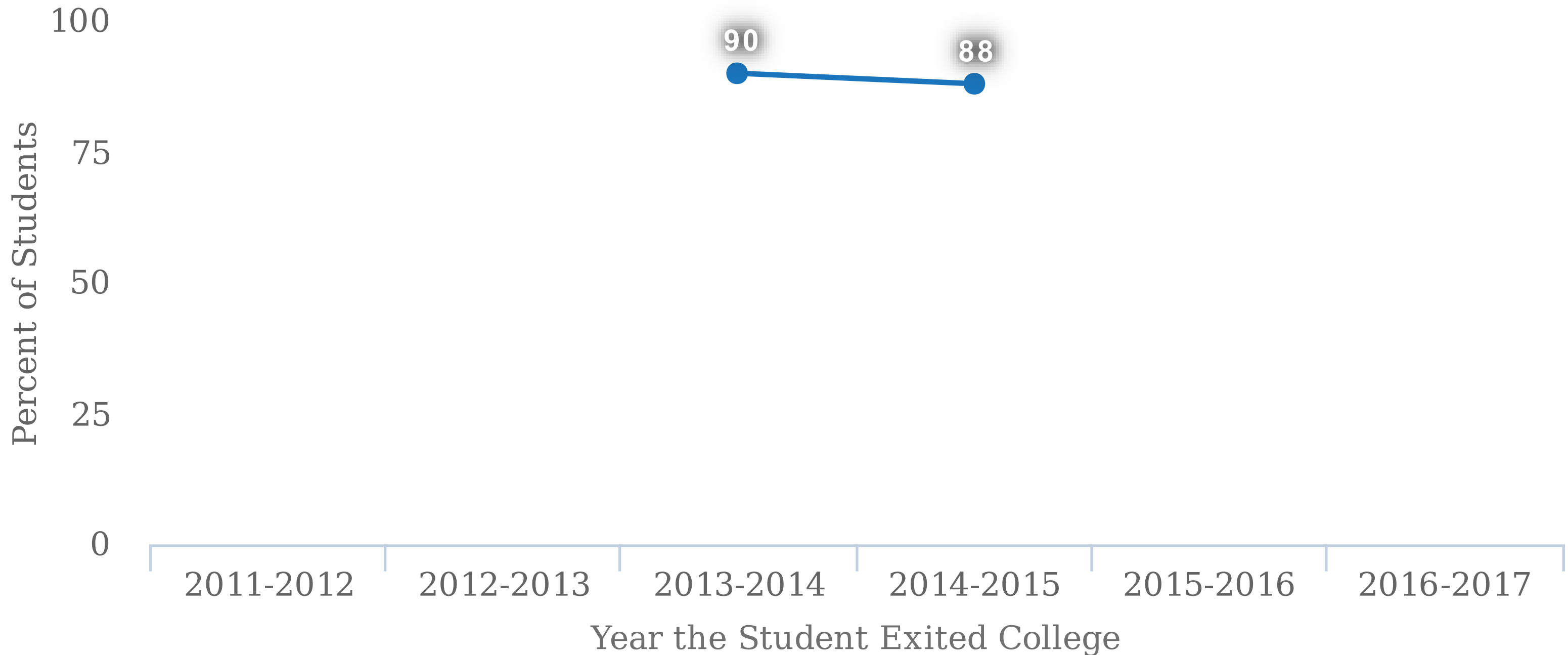
Employed in the Fourth Fiscal Quarter After Exit

Pasadena City College || SECTOR - Health || 2016-2017



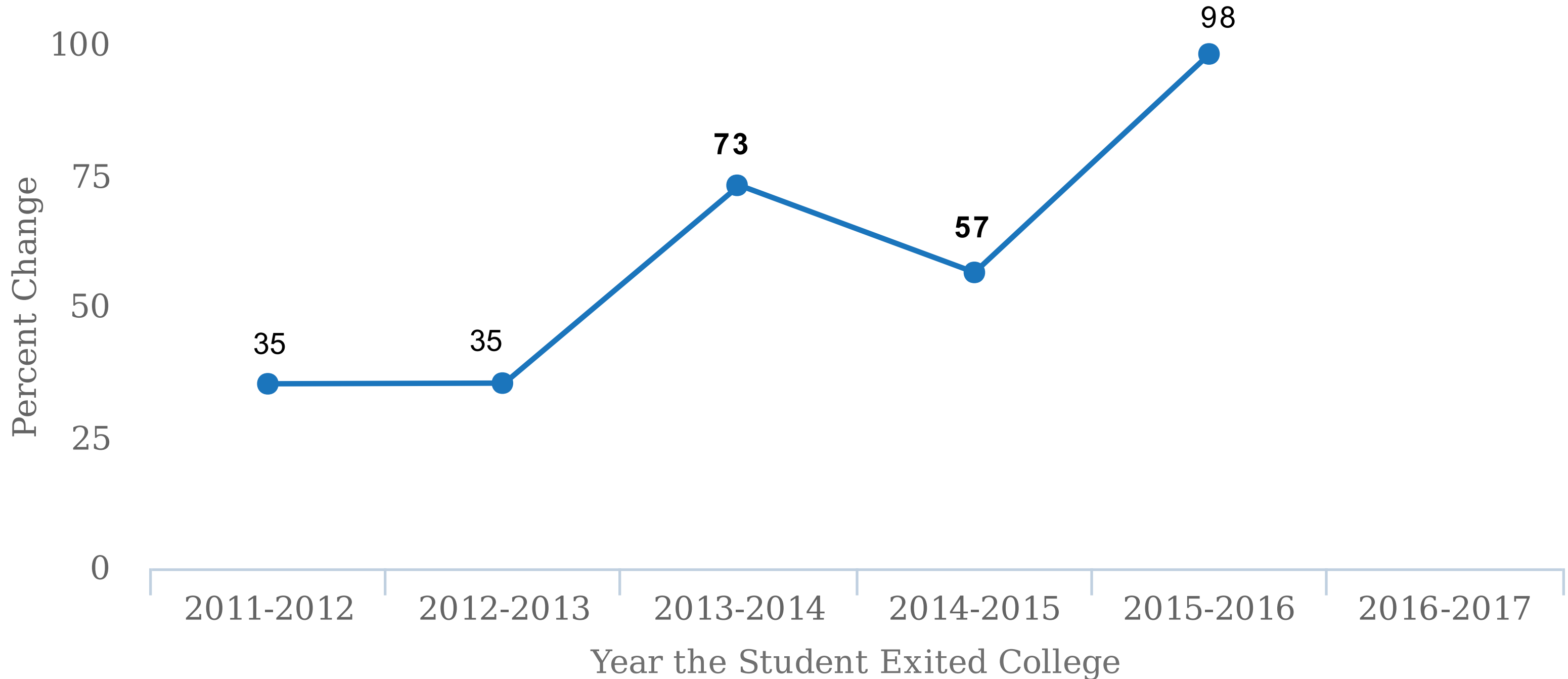
Job Closely Related to Field of Study

Pasadena City College || SECTOR - Health || 2016-2017



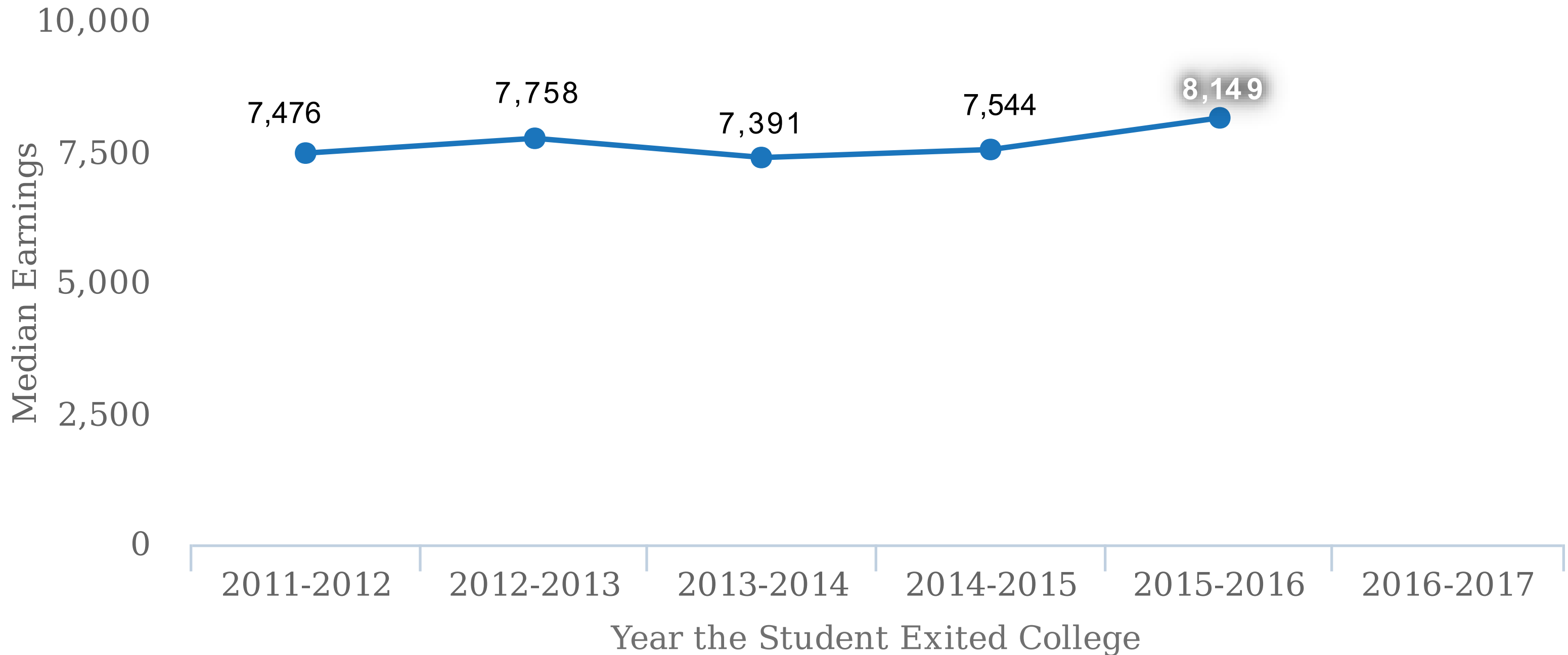
Median Change in Earnings

Pasadena City College || SECTOR - Health || 2016-2017



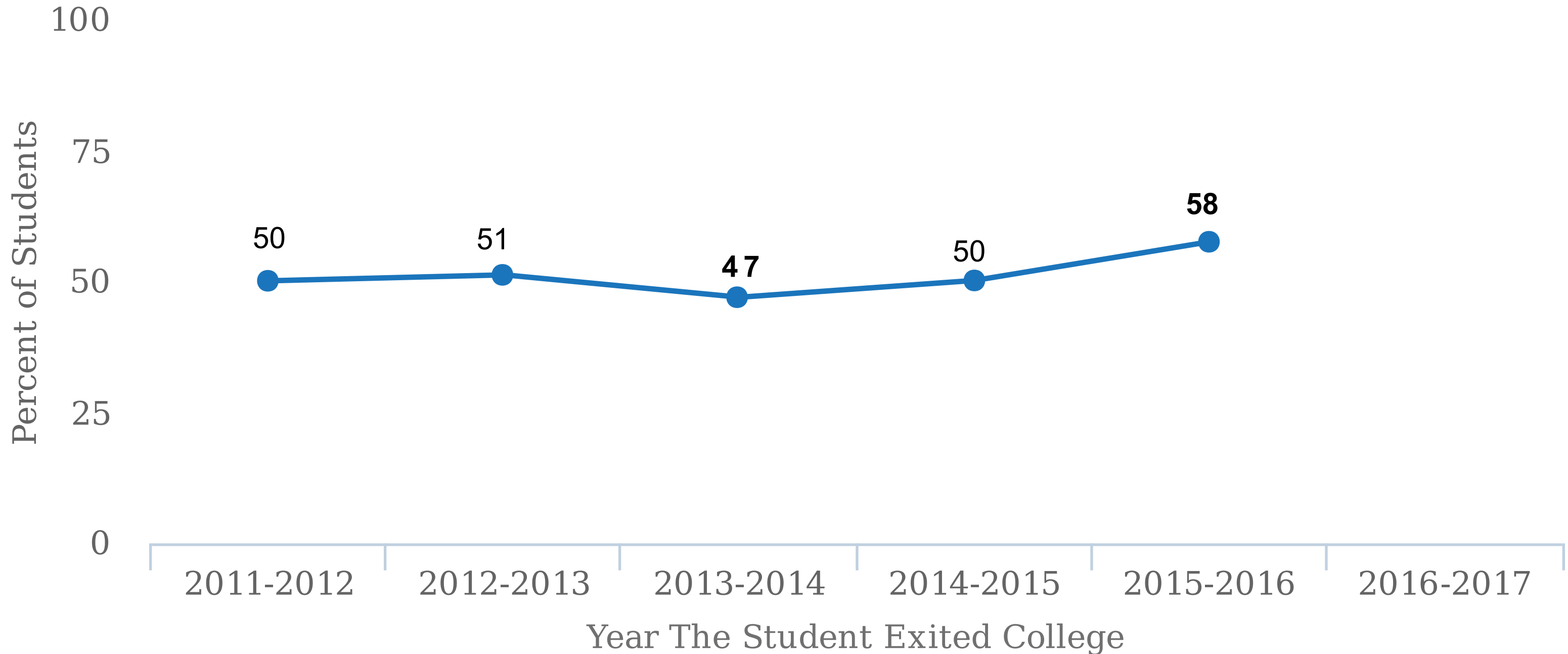
Median Earnings in the Second Fiscal Quarter After Exit

Pasadena City College || SECTOR - Health || 2016-2017



Proportion of Students Who Attained a Living Wage

Pasadena City College || SECTOR - Health || 2016-2017



SWP Quick Facts 2016-17:

ICT-Digital Media



10,406 course enrollments



46 students earned a
degree or certificate



64% employed six
months after exiting*

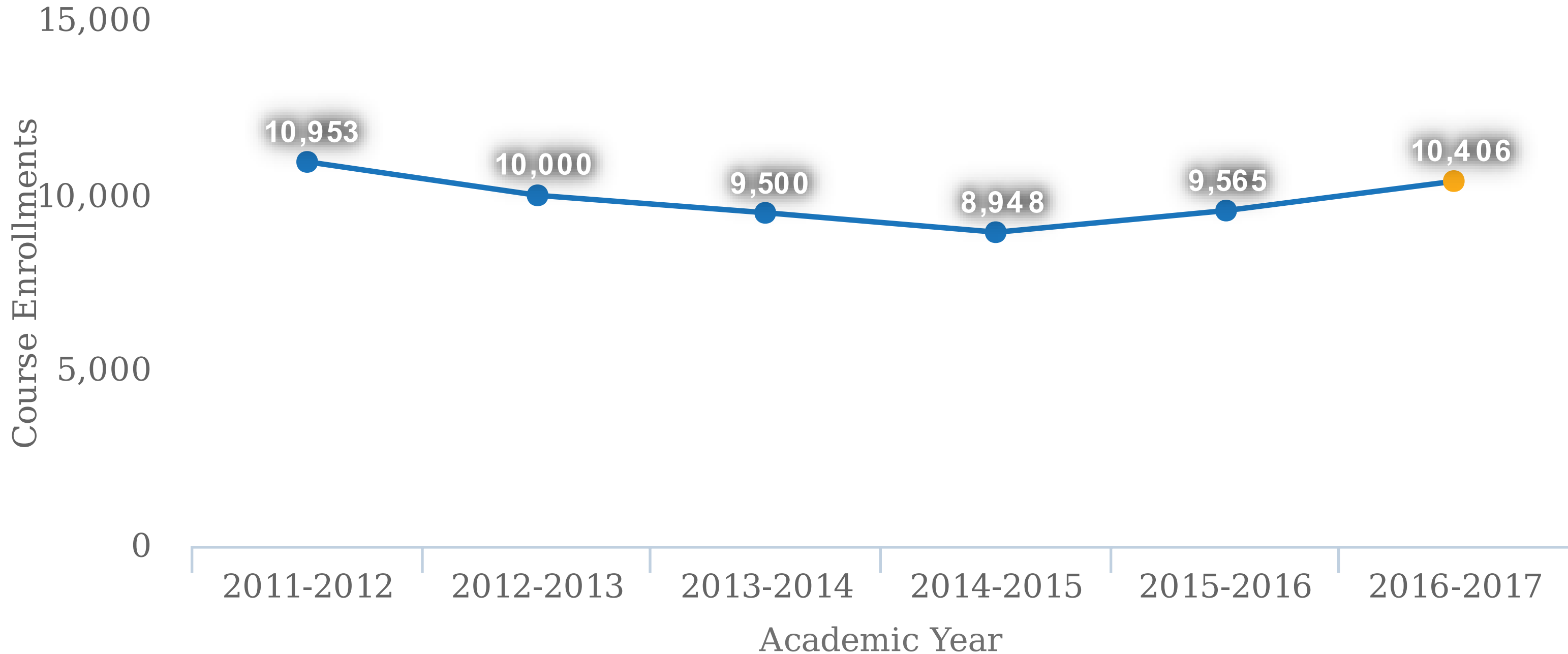


44% increase in
earnings after exiting*

*Based upon students that exited in 2015-16.

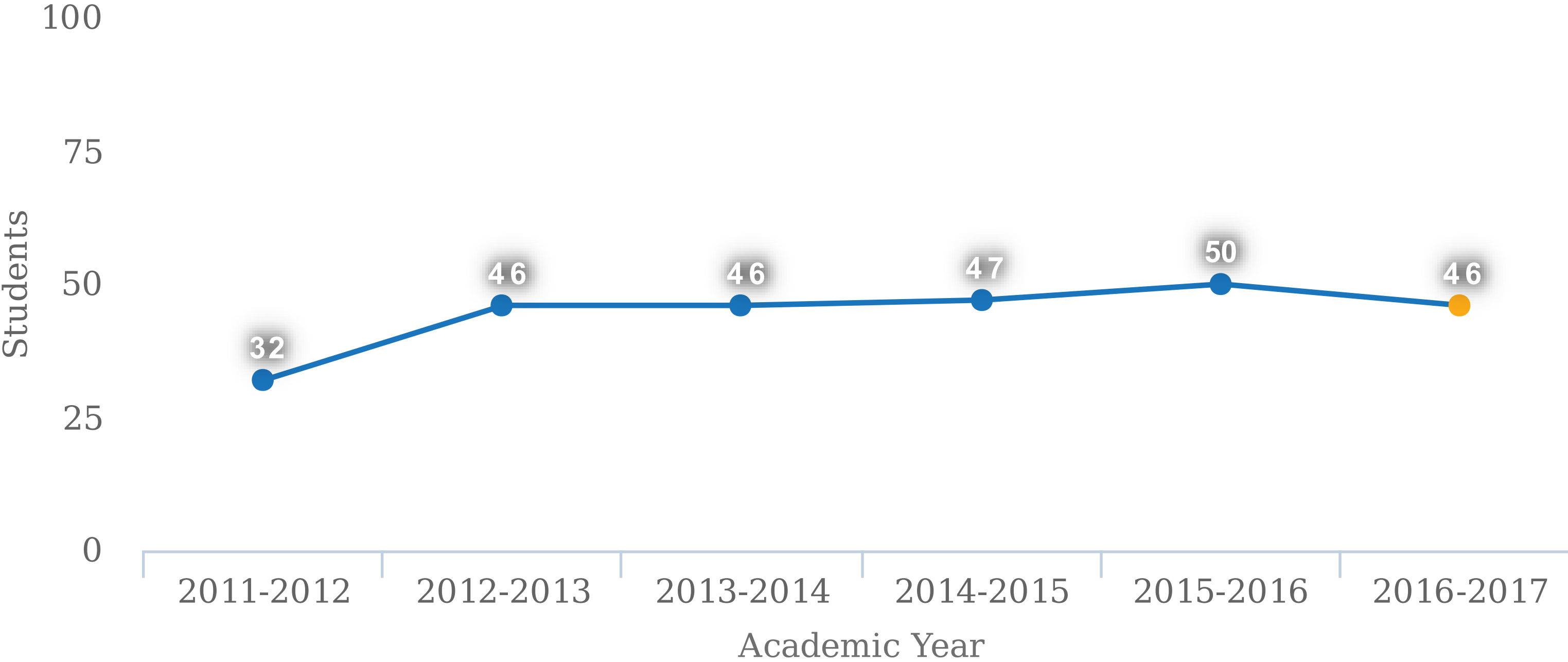
Number of Course Enrollments

Pasadena City College || SECTOR - Information and Communication Technologies (ICT) - Digital Media || 2016-2017



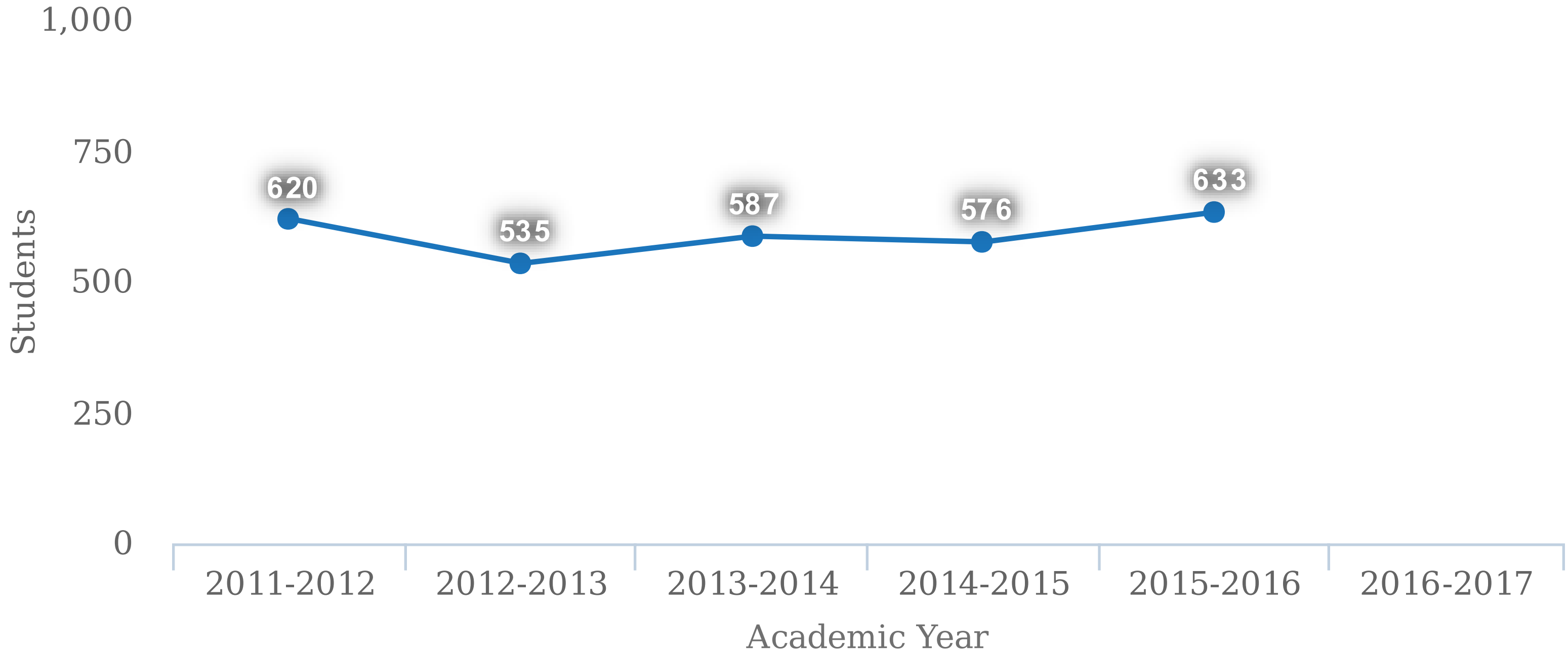
Number of Students Who Earned a Degree or Certificate

Pasadena City College || SECTOR - Information and Communication Technologies (ICT) - Digital Media || 2016-2017



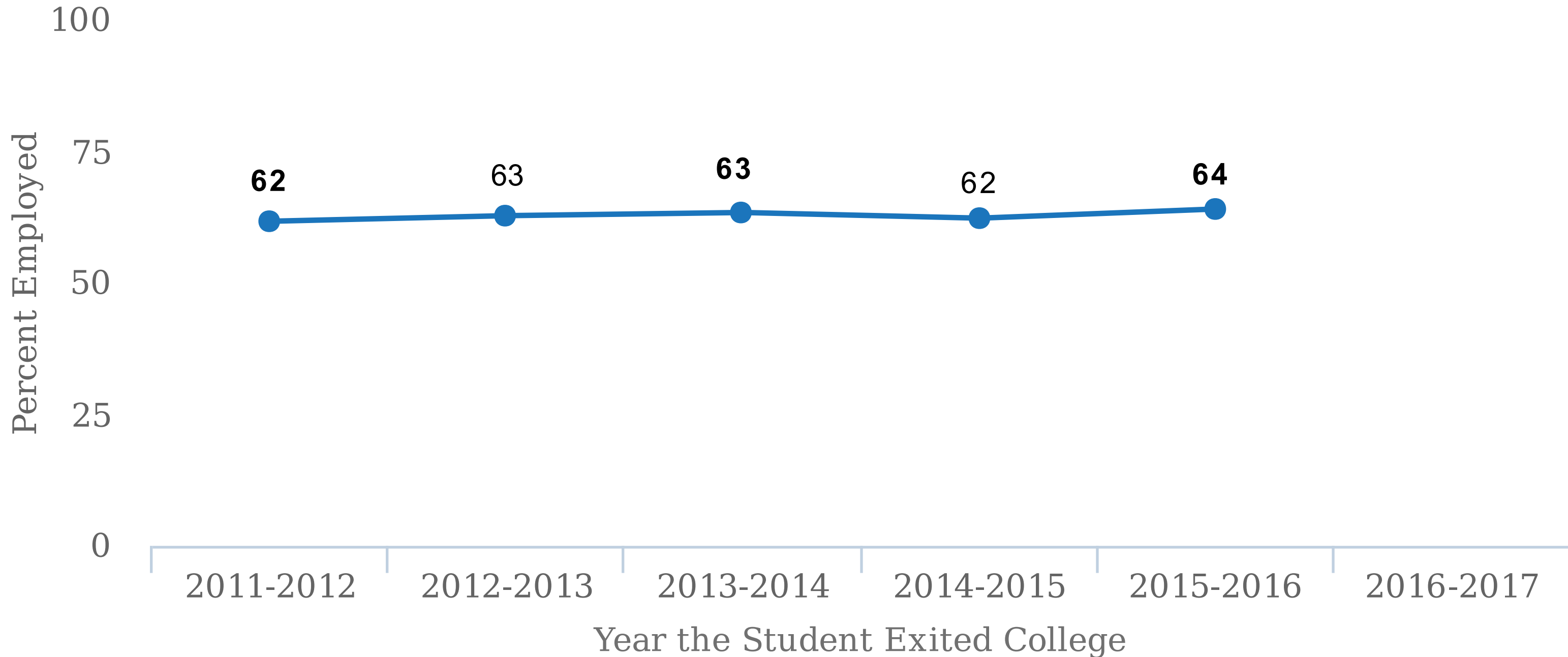
Number of Students Who Transferred to a Four-Year Institution

Pasadena City College || SECTOR - Information and Communication Technologies (ICT) - Digital Media || 2016-2017



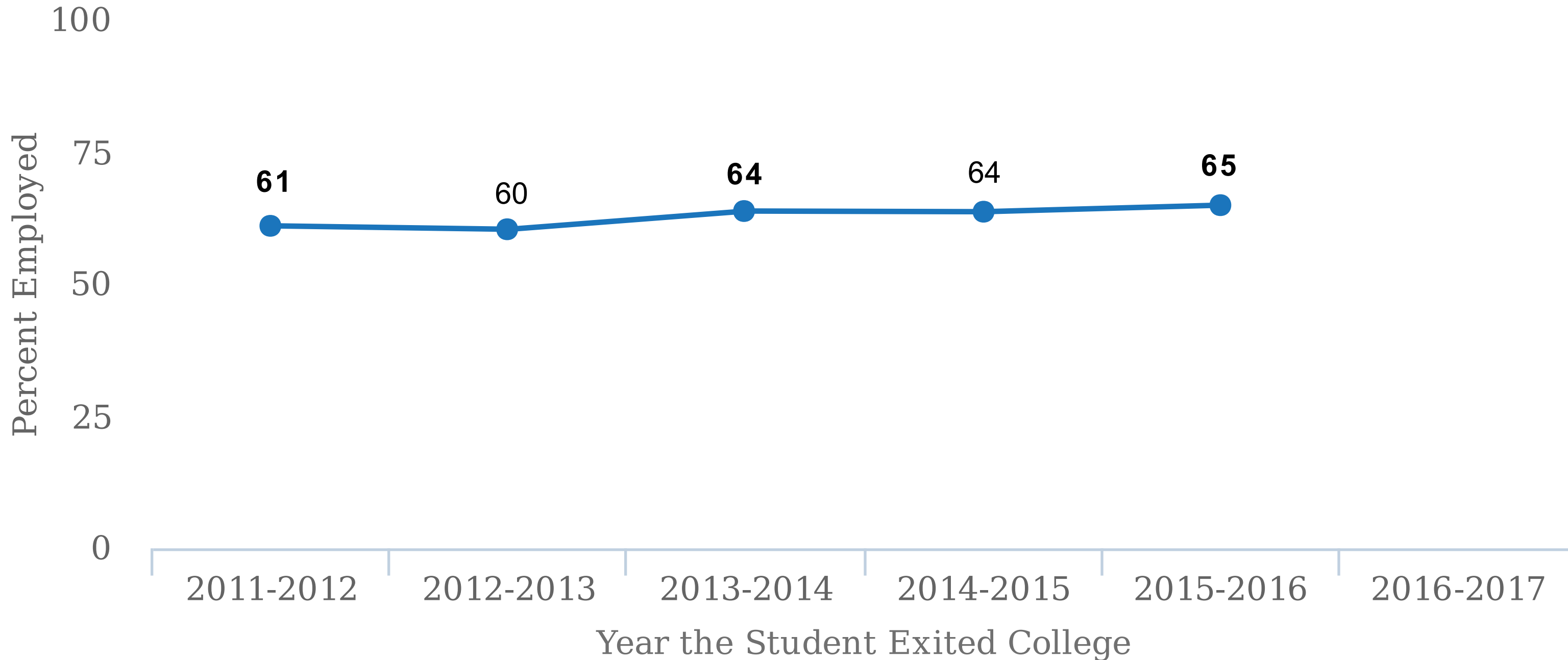
Employed in the Second Fiscal Quarter After Exit (All Exiters)

Pasadena City College || SECTOR - Information and Communication Technologies (ICT) - Digital Media || 2016-2017



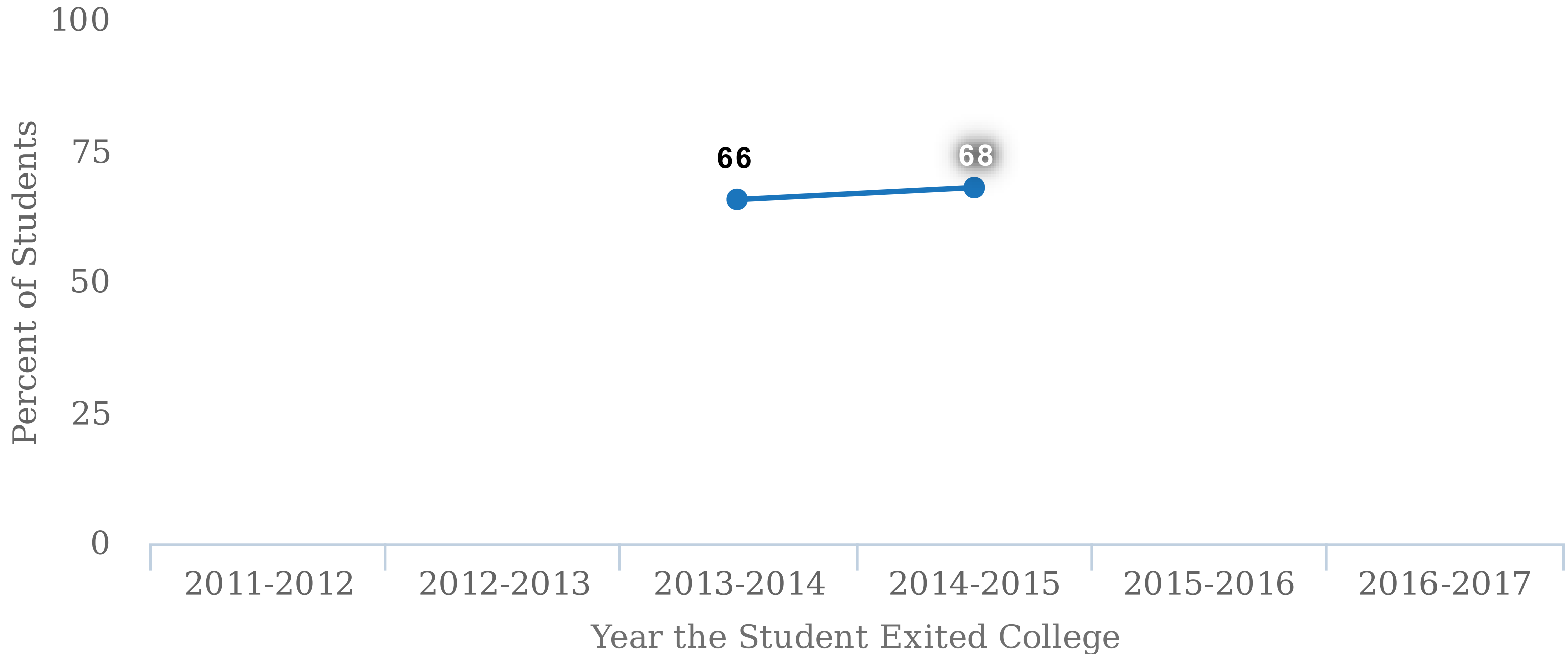
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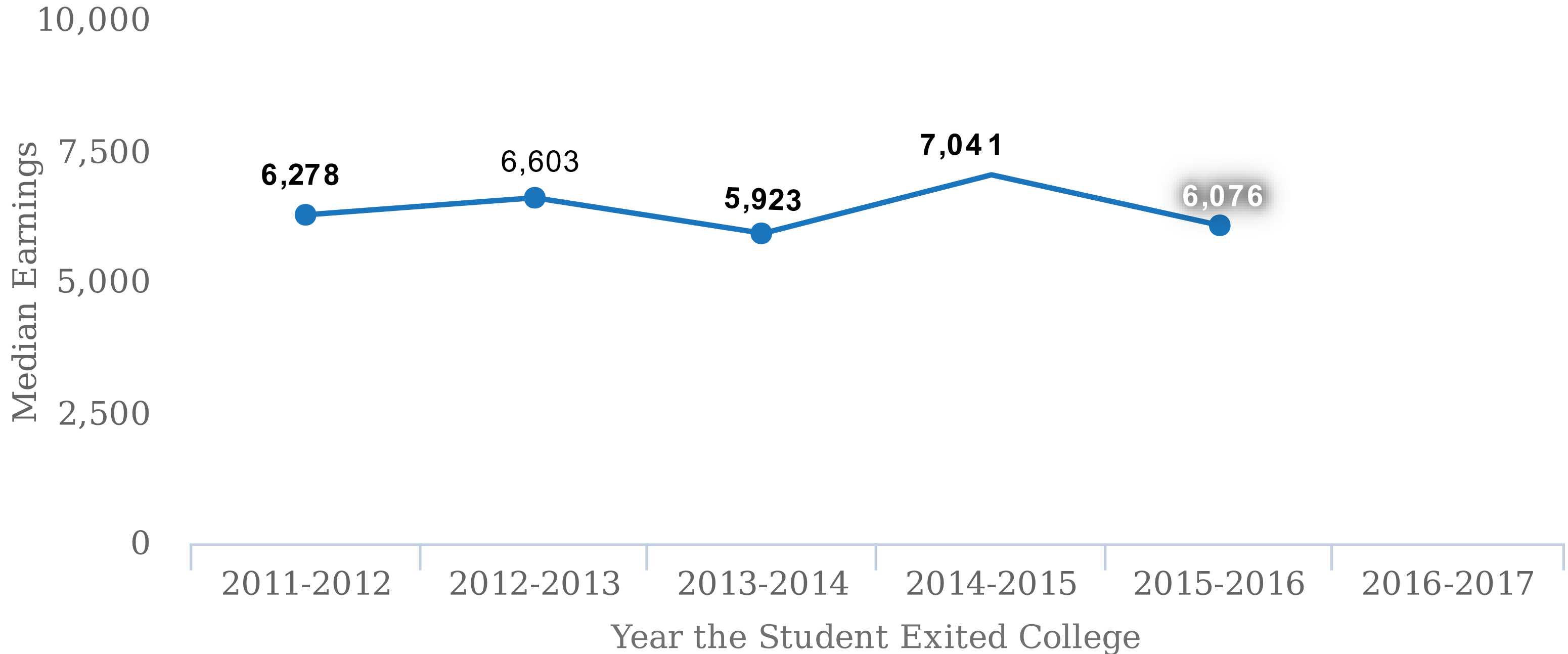
Job Closely Related to Field of Study

Pasadena City College || SECTOR - Information and Communication Technologies (ICT) - Digital Media || 2016-2017



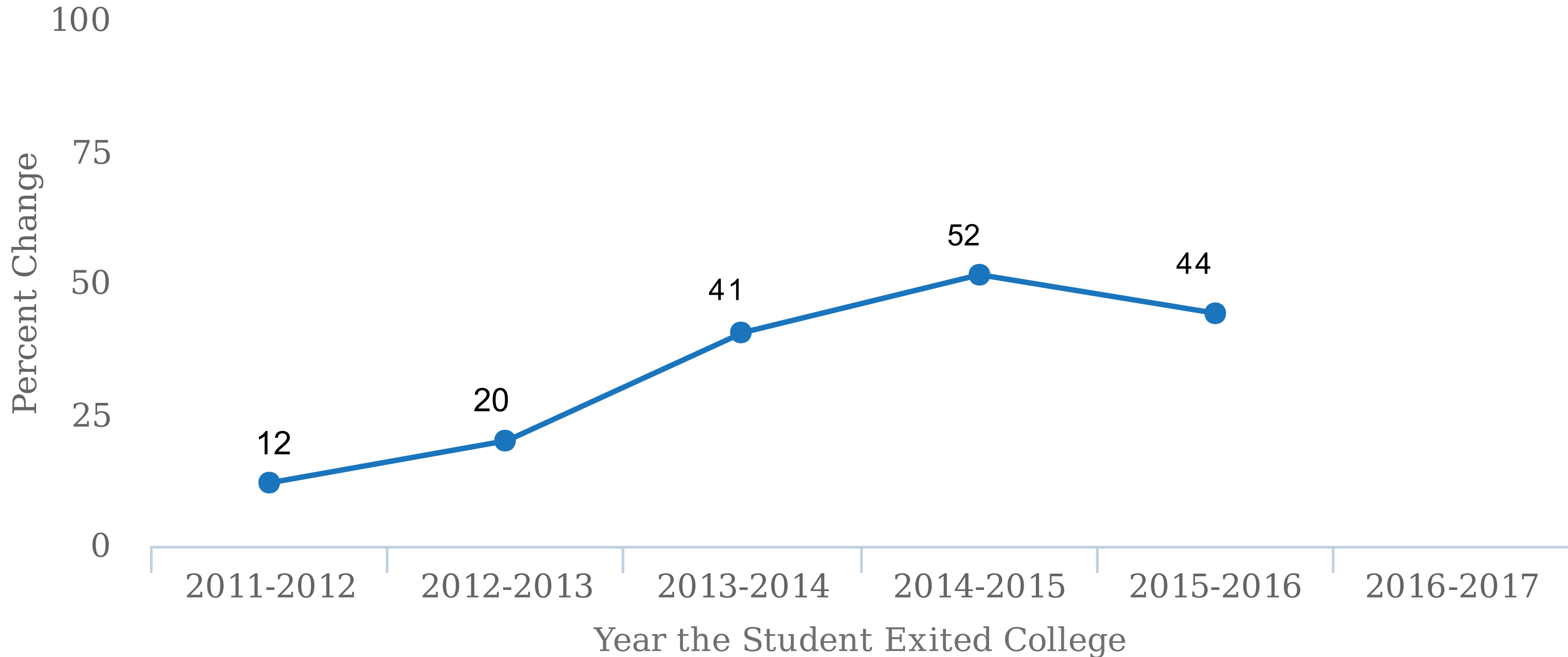
Median Earnings in the Second Fiscal Quarter After Exit

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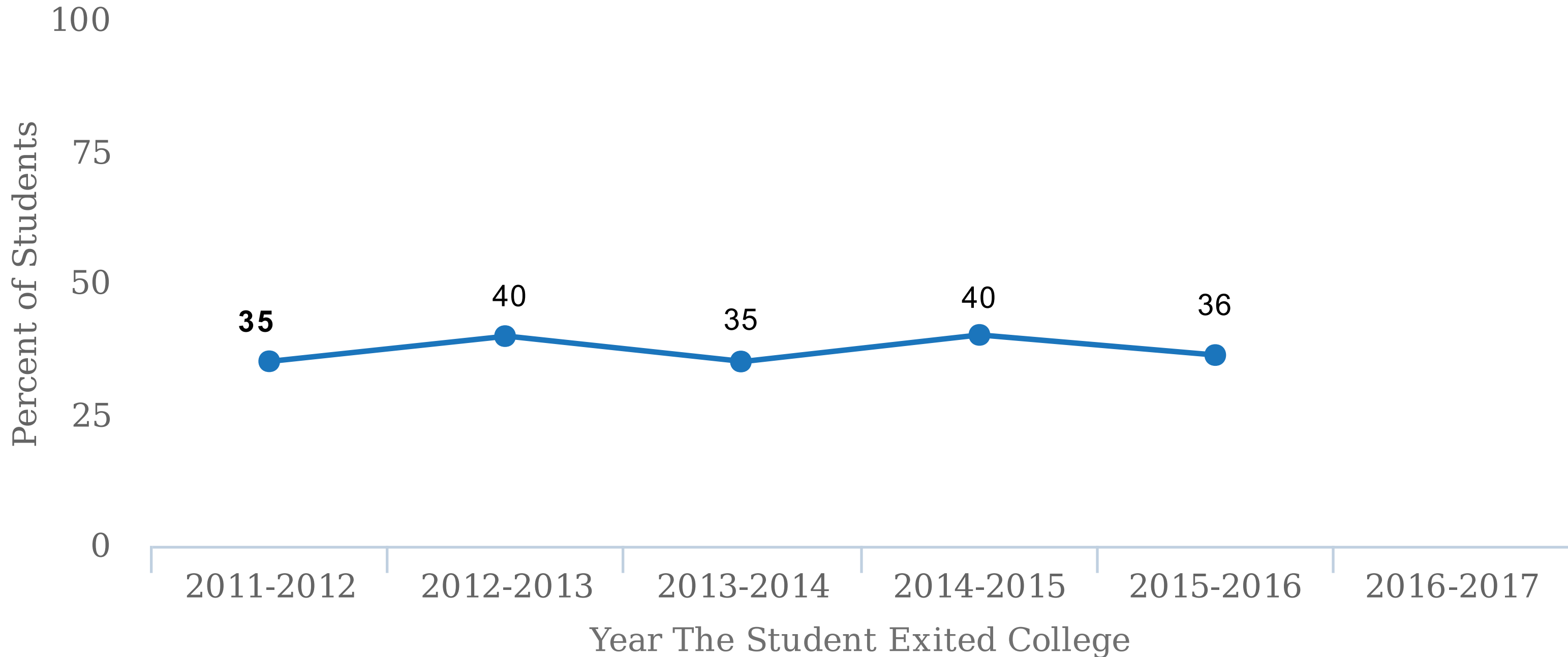
Median Change in Earnings

Pasadena City College || SECTOR - Information and Communication Technologies (ICT) - Digital Media || 2016-2017



Proportion of Students Who Attained a Living Wage

Pasadena City College || SECTOR - Information and Communication Technologies (ICT) - Digital Media || 2016-2017



SWP Quick Facts 2016-17:

Small Business/ Entrepreneurship



7,074 course enrollments



518 students earned a
degree or certificate



66% employed six
months after exiting*

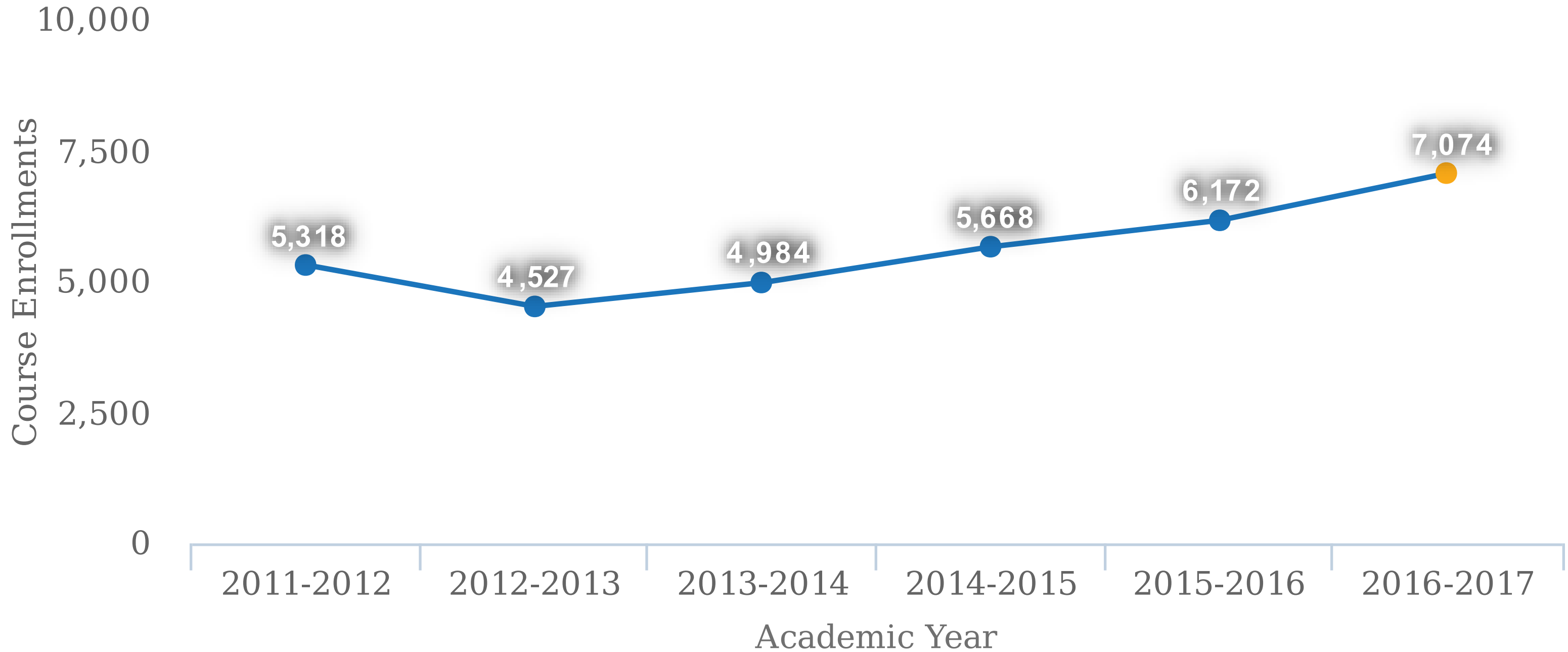


75% increase in
earnings after exiting*

*Based upon students that exited in 2015-16.

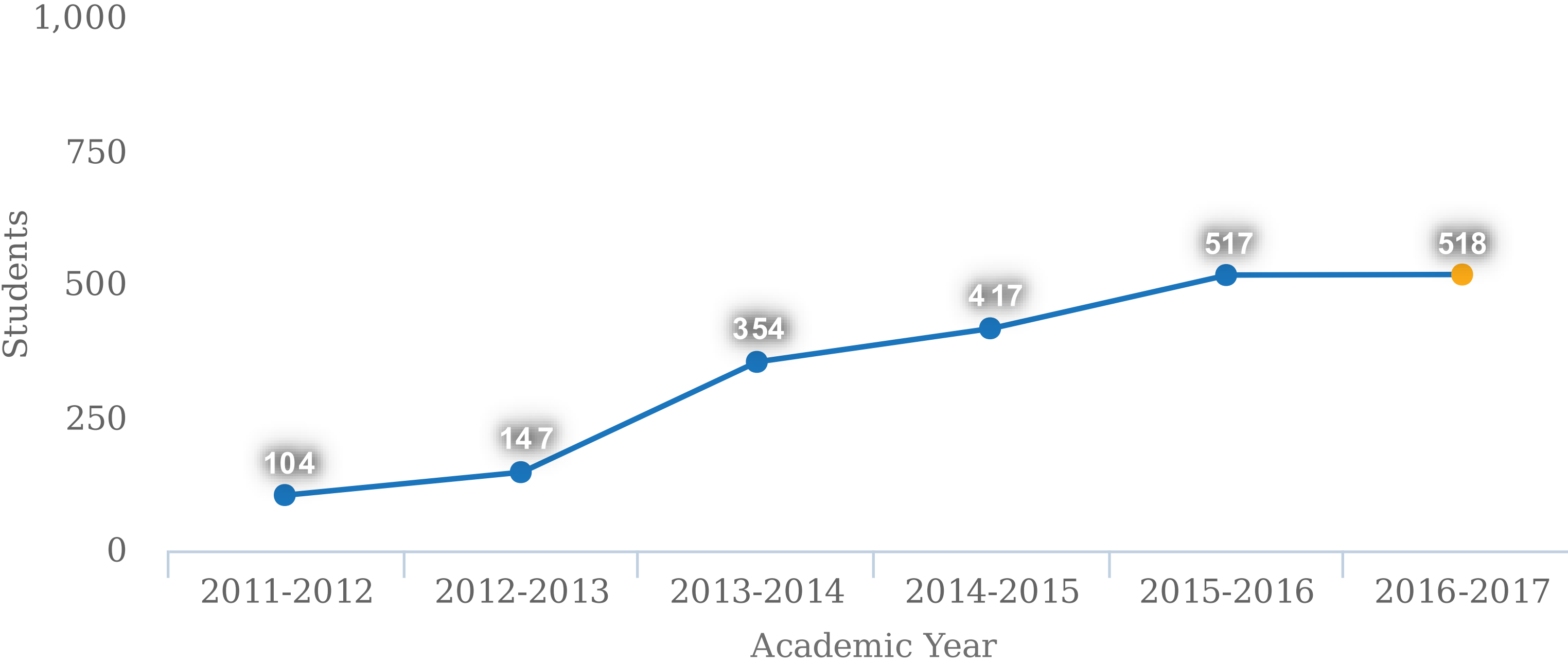
Number of Course Enrollments

Pasadena City College || SECTOR - Business and Entrepreneurship || 2016-2017



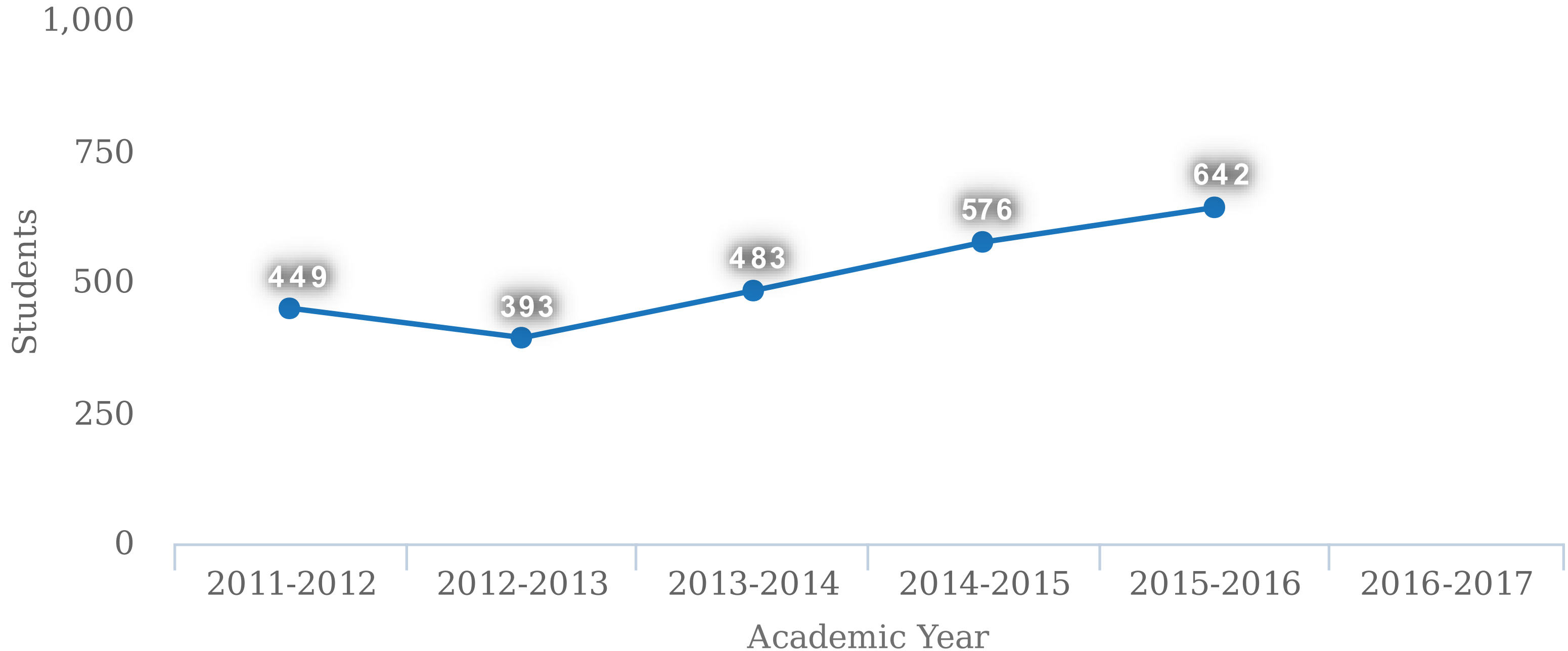
Number of Students Who Earned a Degree or Certificate

Pasadena City College || SECTOR - Business and Entrepreneurship || 2016-2017



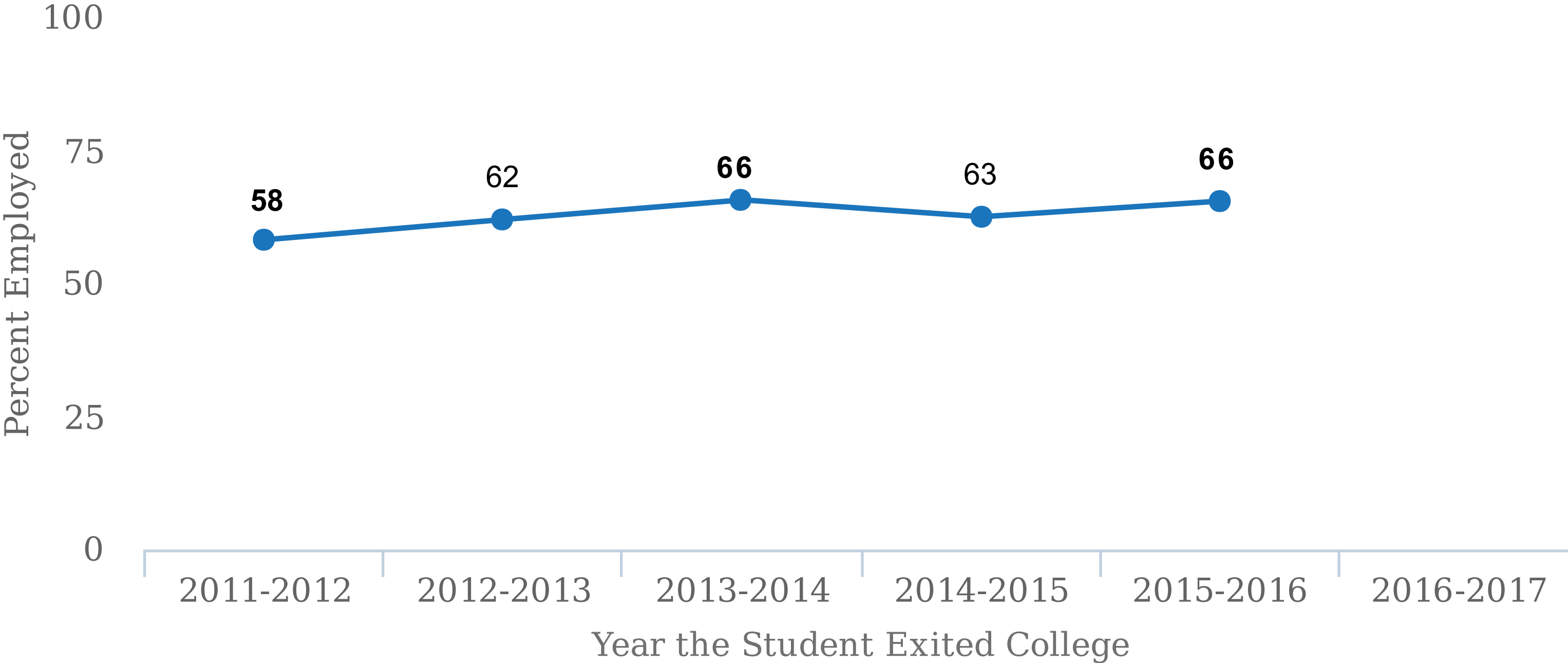
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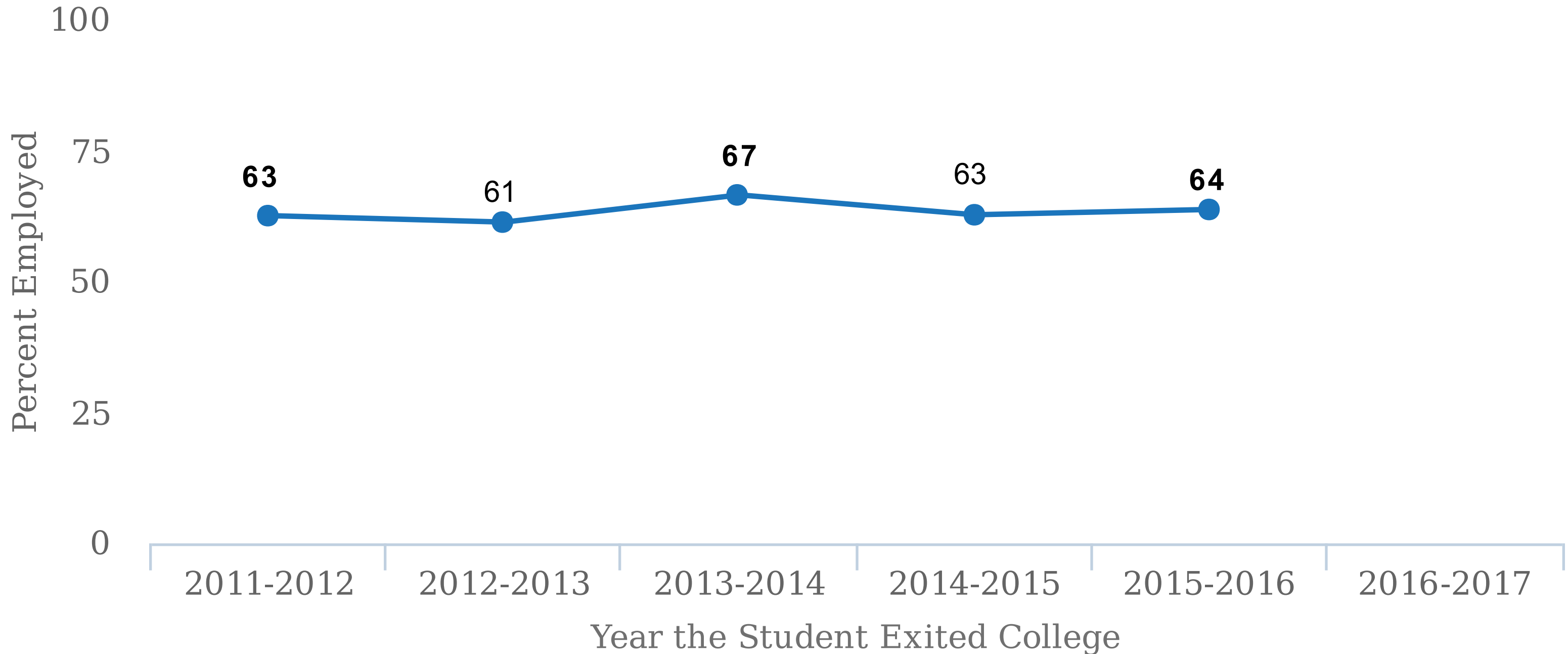
Employed in the Second Fiscal Quarter After Exit (All Exiters)

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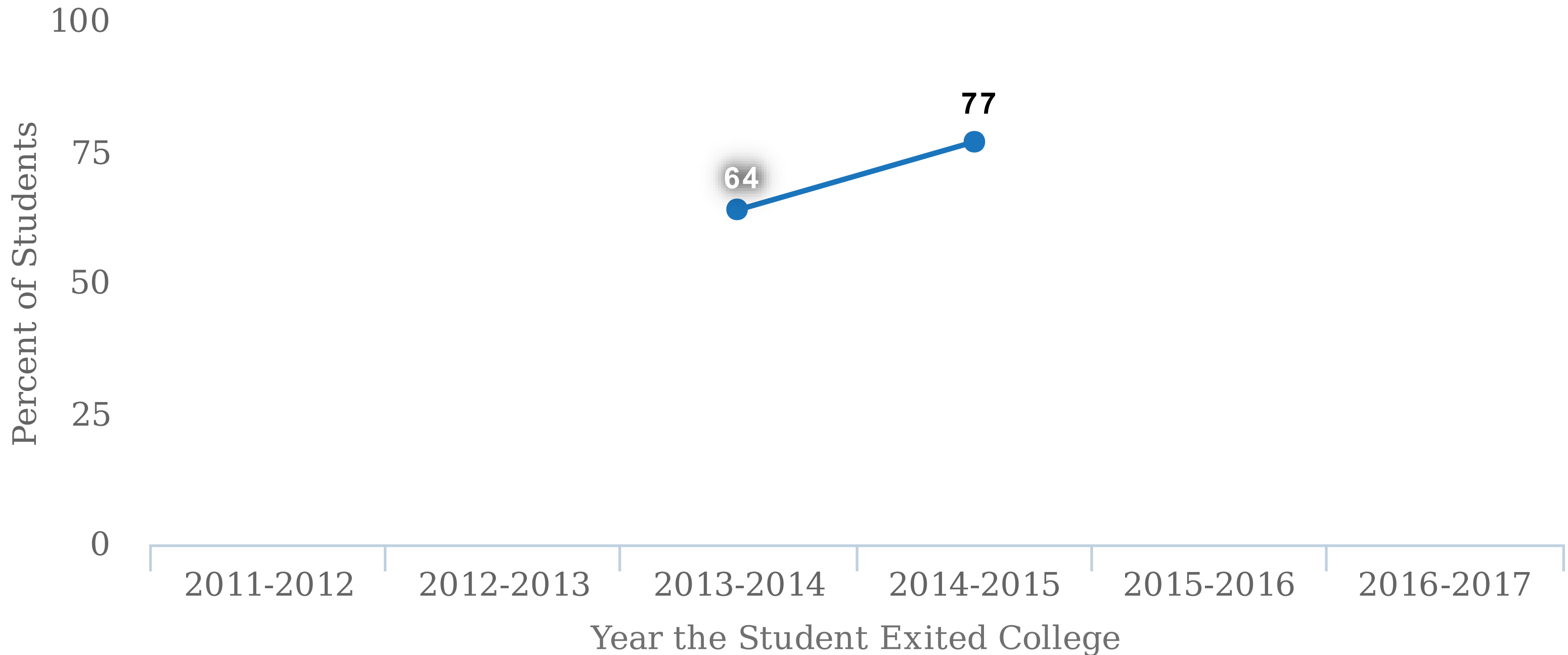
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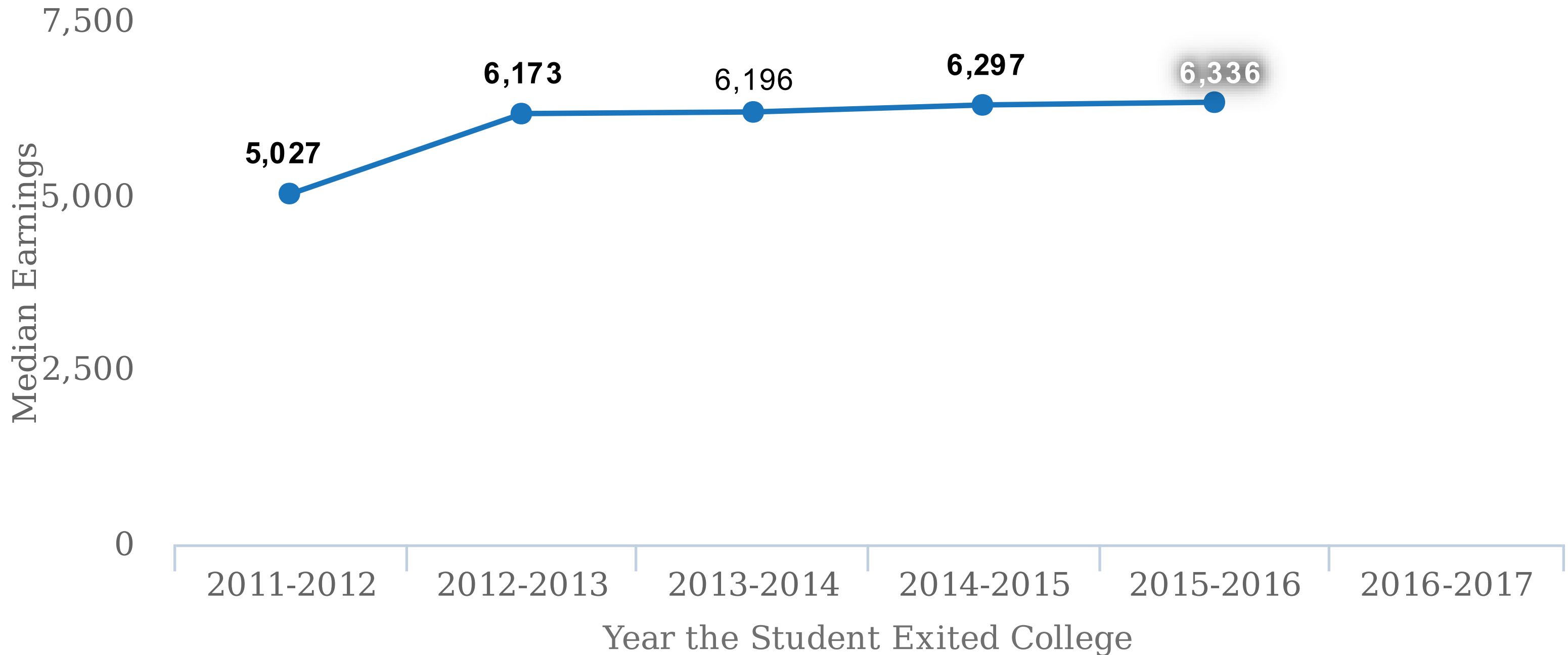
Job Closely Related to Field of Study

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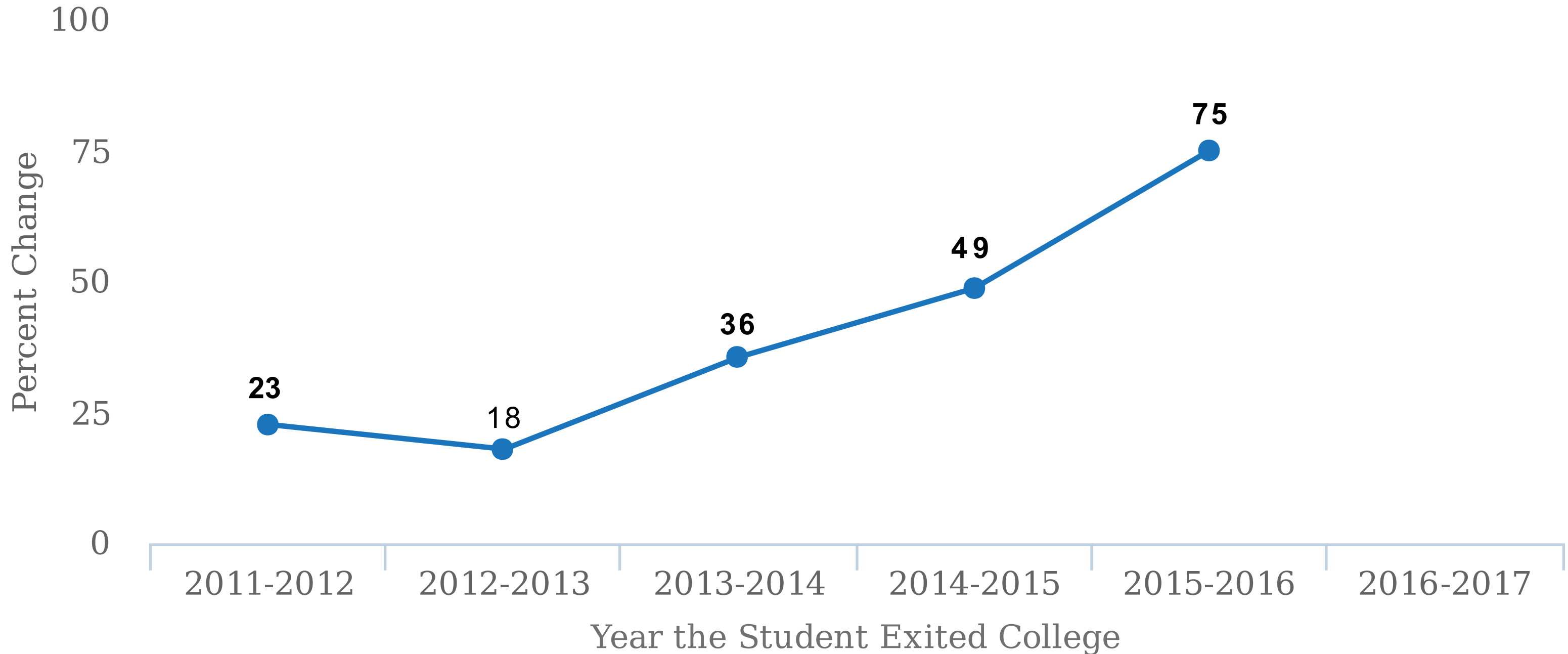
Median Earnings in the Second Fiscal Quarter After Exit

Pasadena City College || SECTOR - Business and Entrepreneurship || 2016-2017



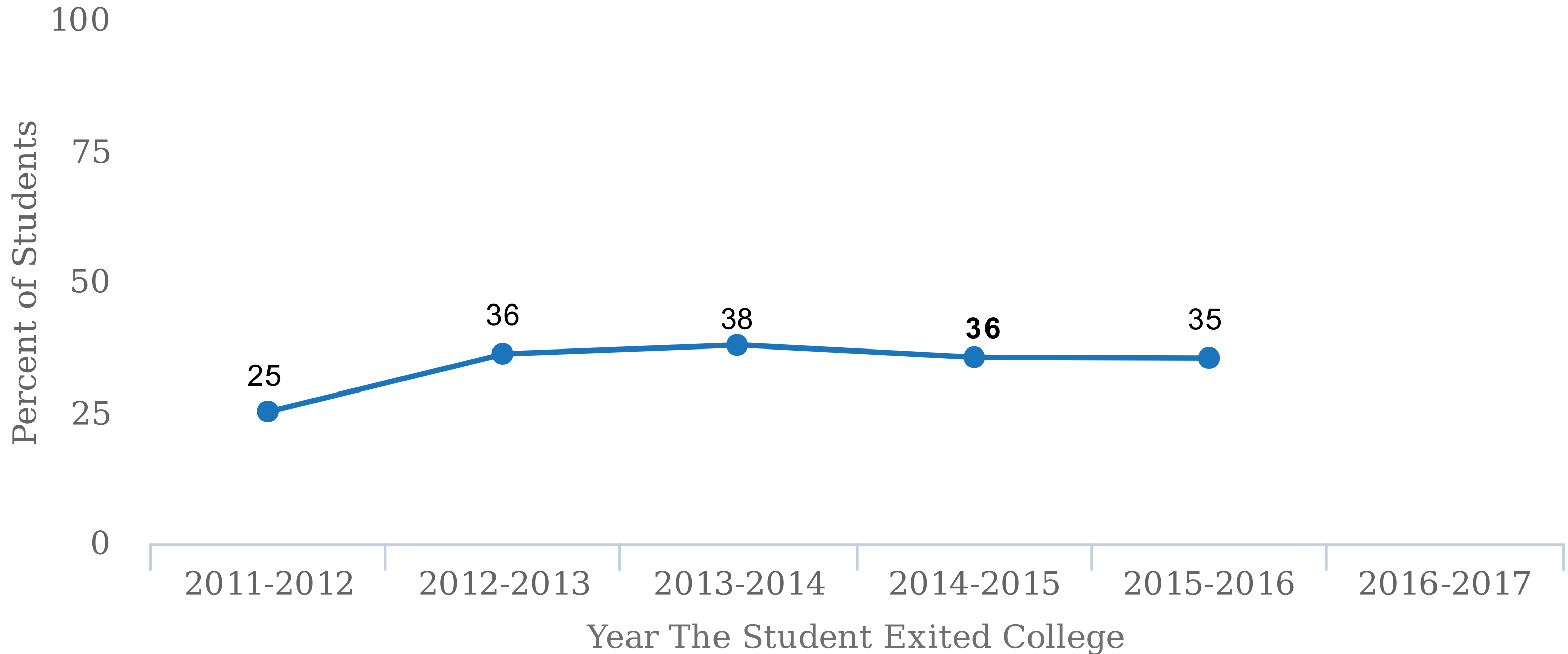
Median Change in Earnings

Pasadena City College || SECTOR - Business and Entrepreneurship || 2016-2017



Proportion of Students Who Attained a Living Wage

Pasadena City College || SECTOR - Business and Entrepreneurship || 2016-2017



SWP Quick Facts 2016-17:

Life Sciences/ Biotechnology



97 course enrollments



73% employed six
months after exiting*

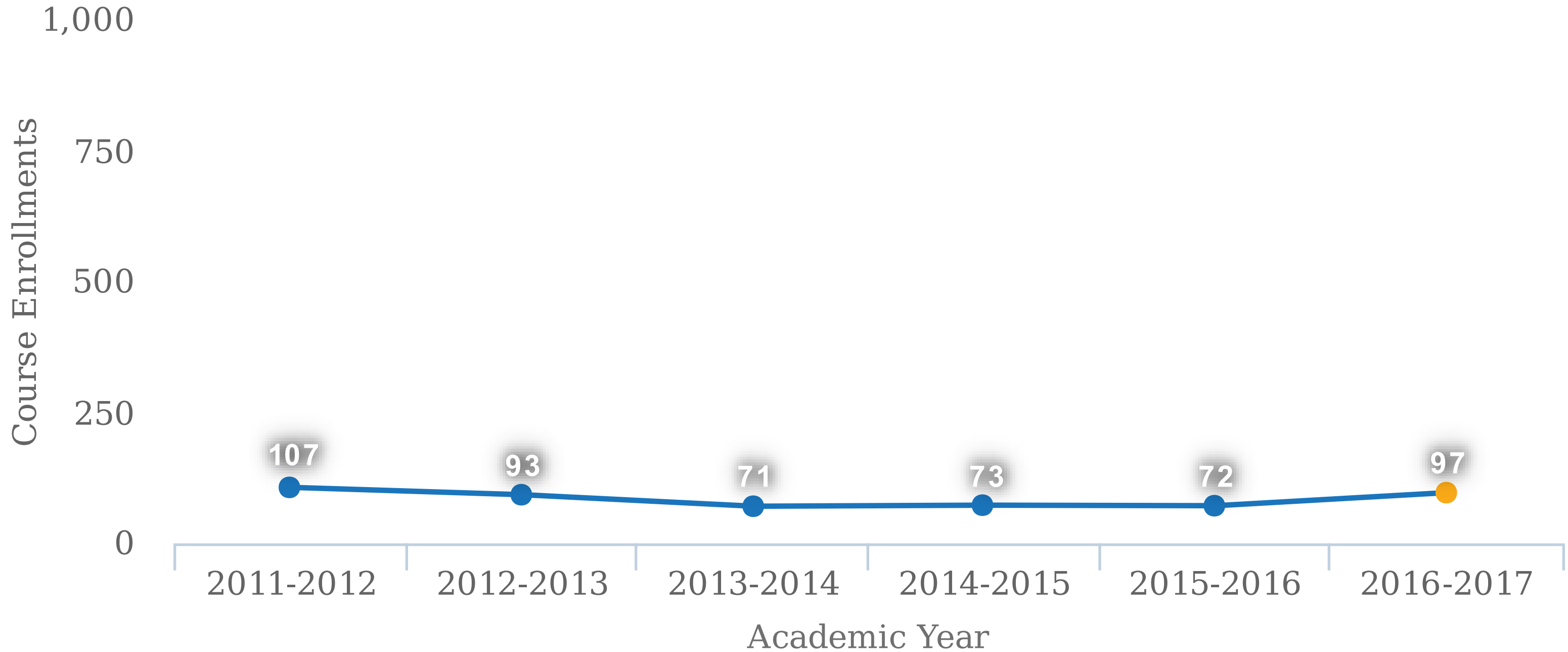


94% increase in
earnings after exiting*

*Based upon students that exited in 2015-16.

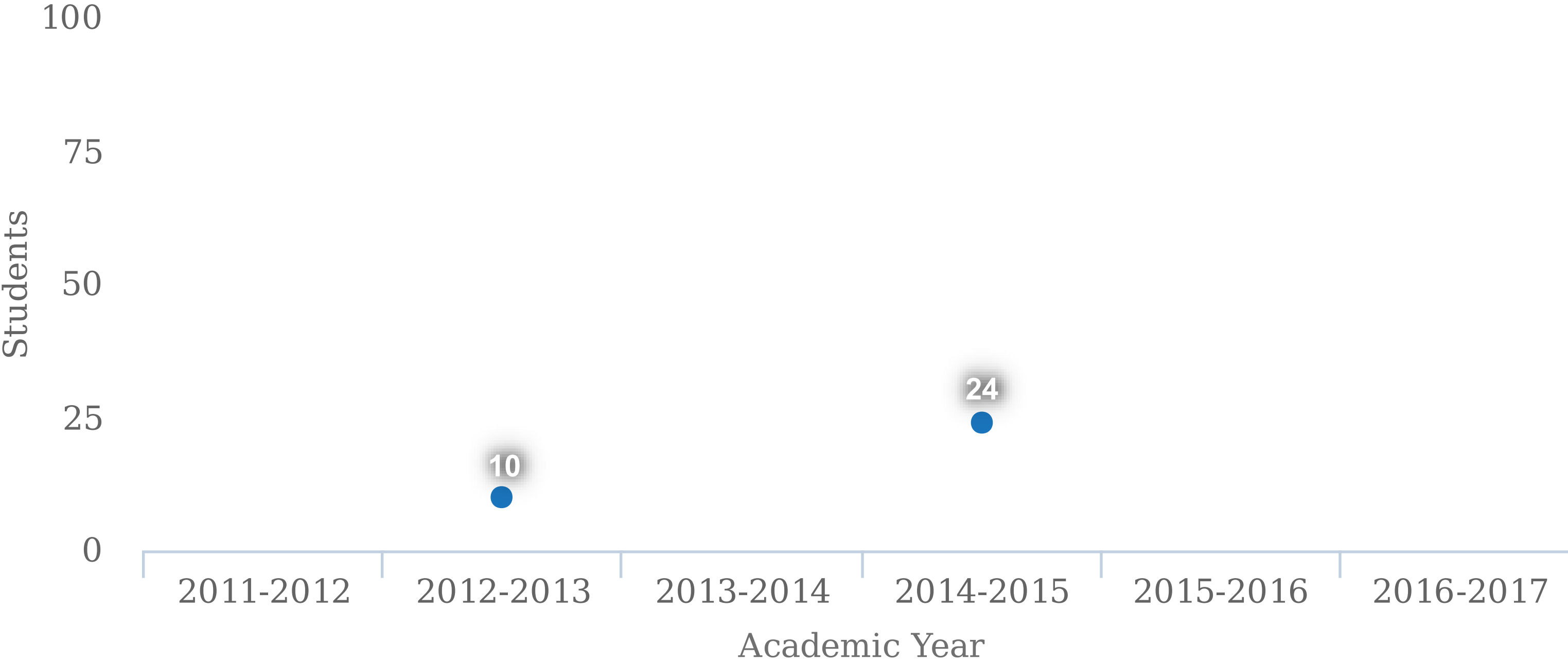
Number of Course Enrollments

Pasadena City College || SECTOR - Life Sciences - Biotechnology || 2016-2017



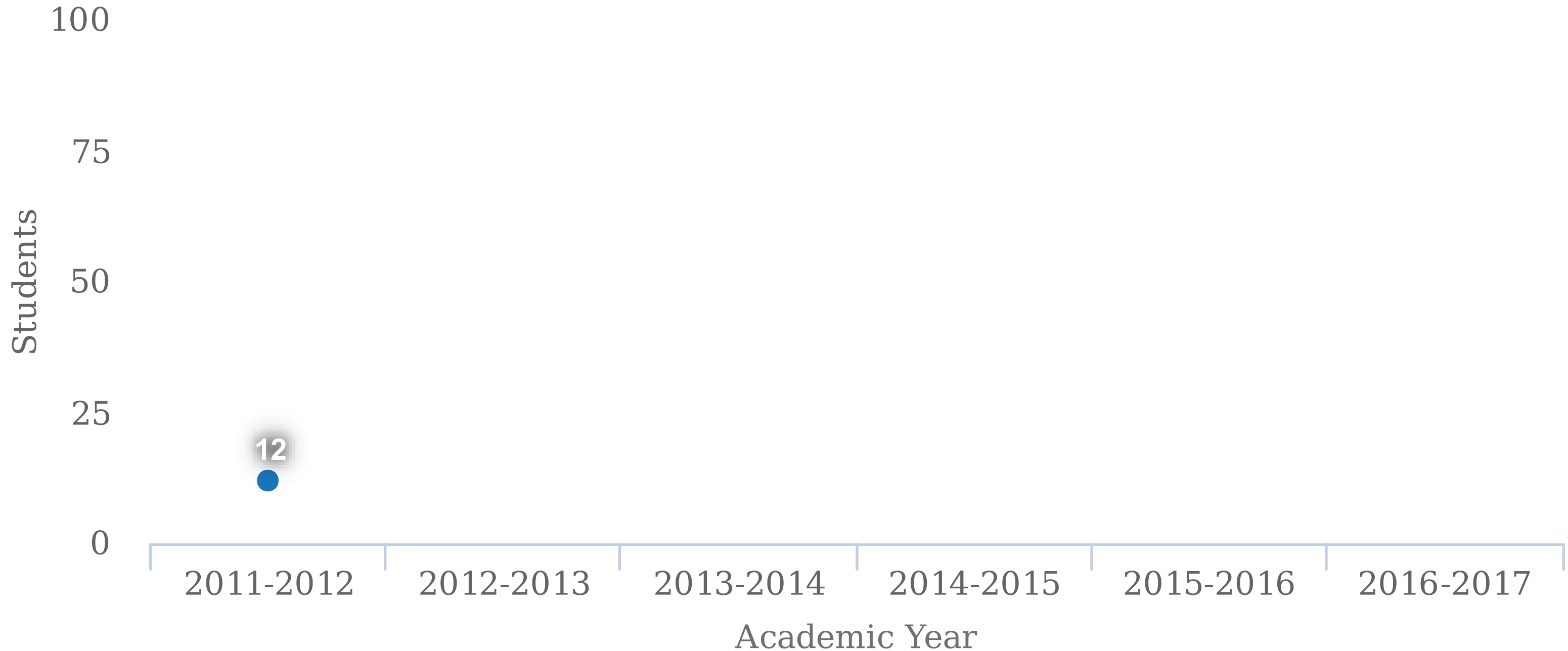
Number of Students Who Earned a Degree or Certificate

Pasadena City College || SECTOR - Life Sciences - Biotechnology || 2016-2017



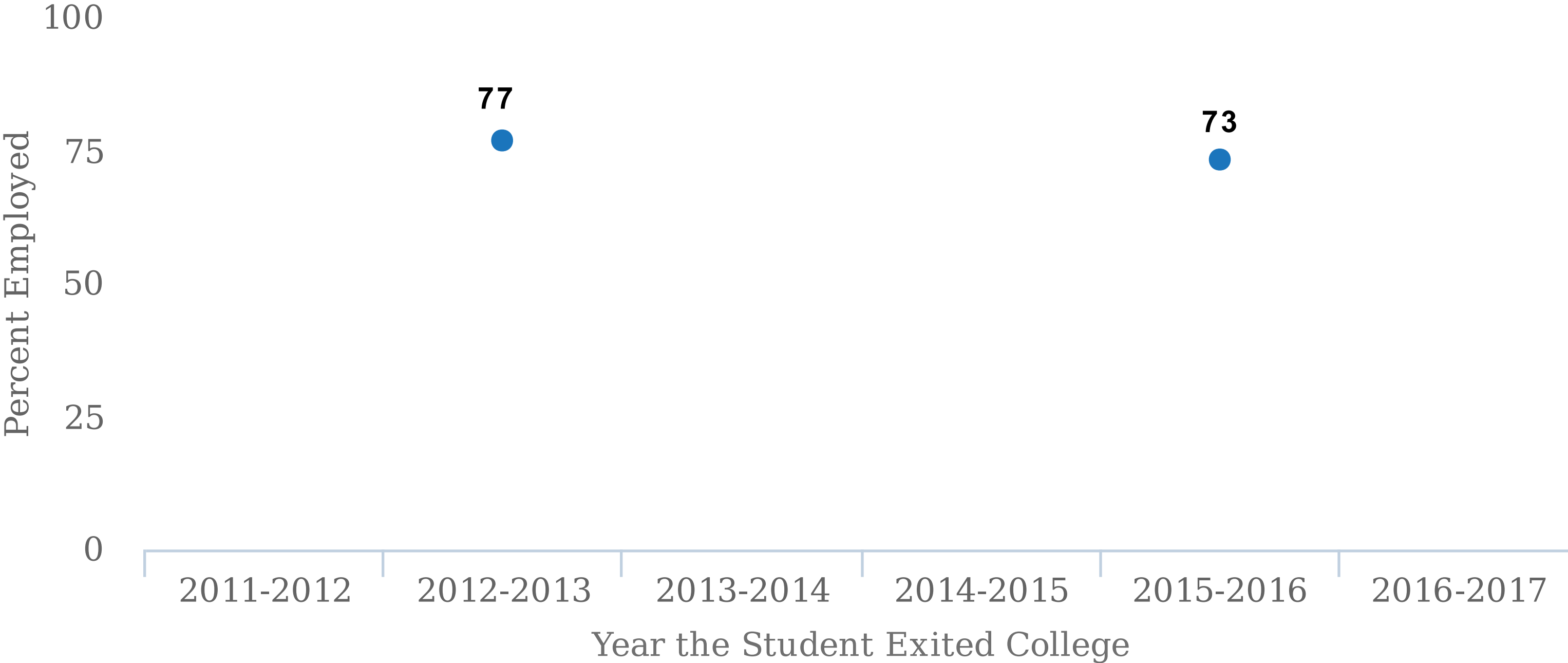
Number of Students Who Transferred to a Four-Year Institution

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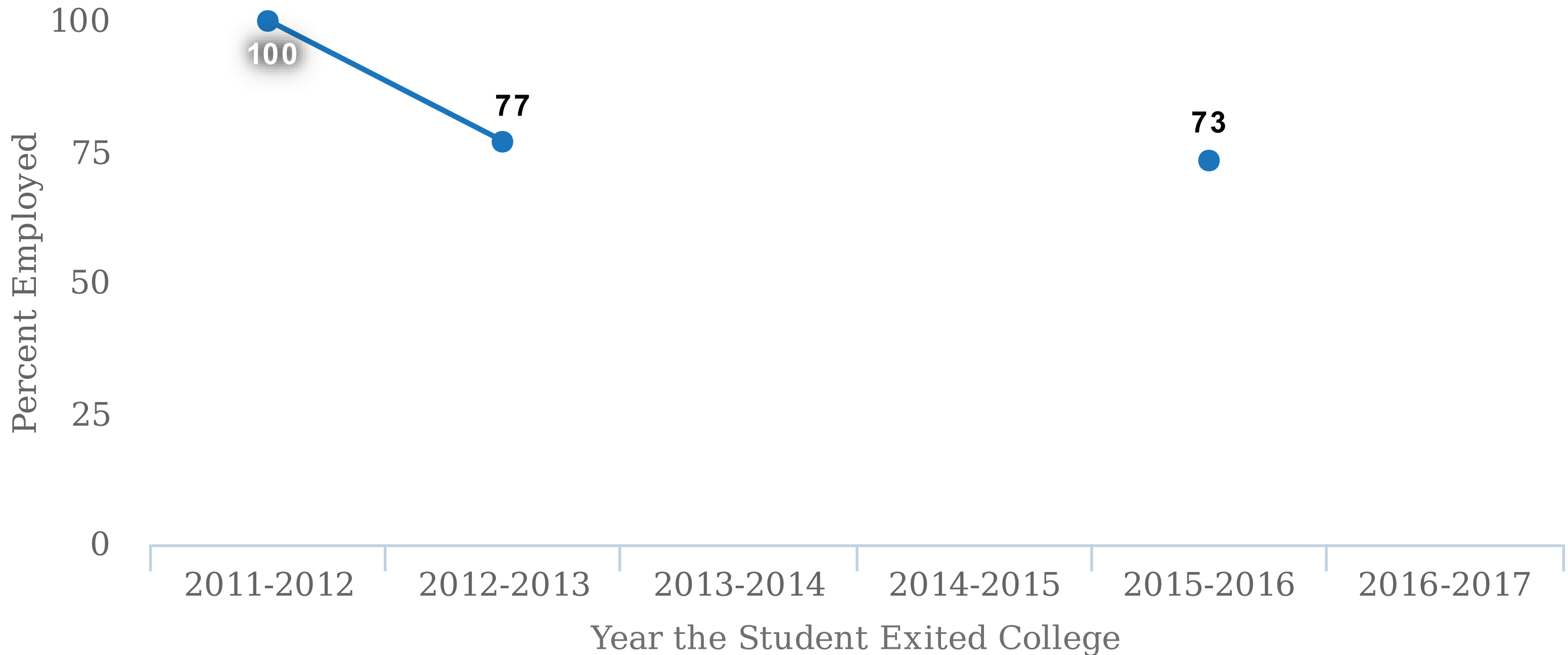
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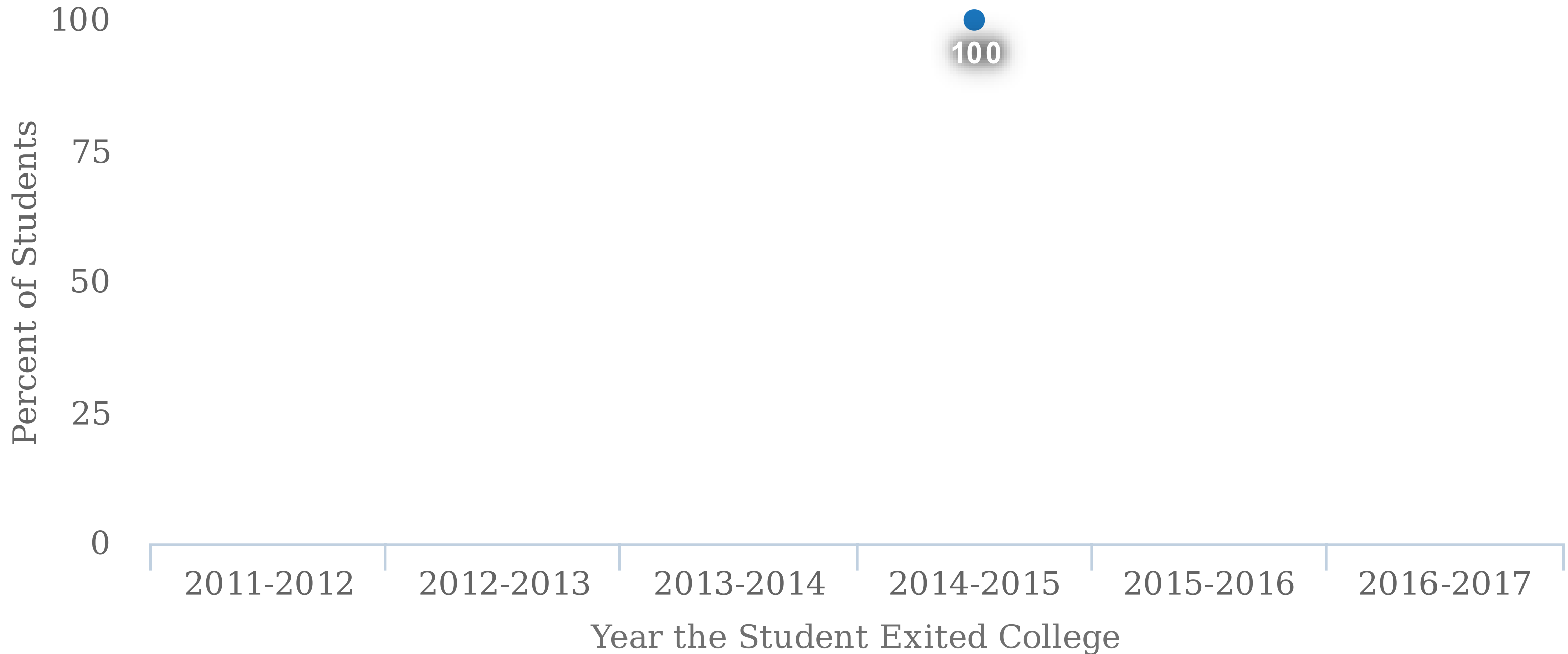
Employed in the Fourth Fiscal Quarter After Exit

Pasadena City College || SECTOR - Life Sciences - Biotechnology || 2016-2017



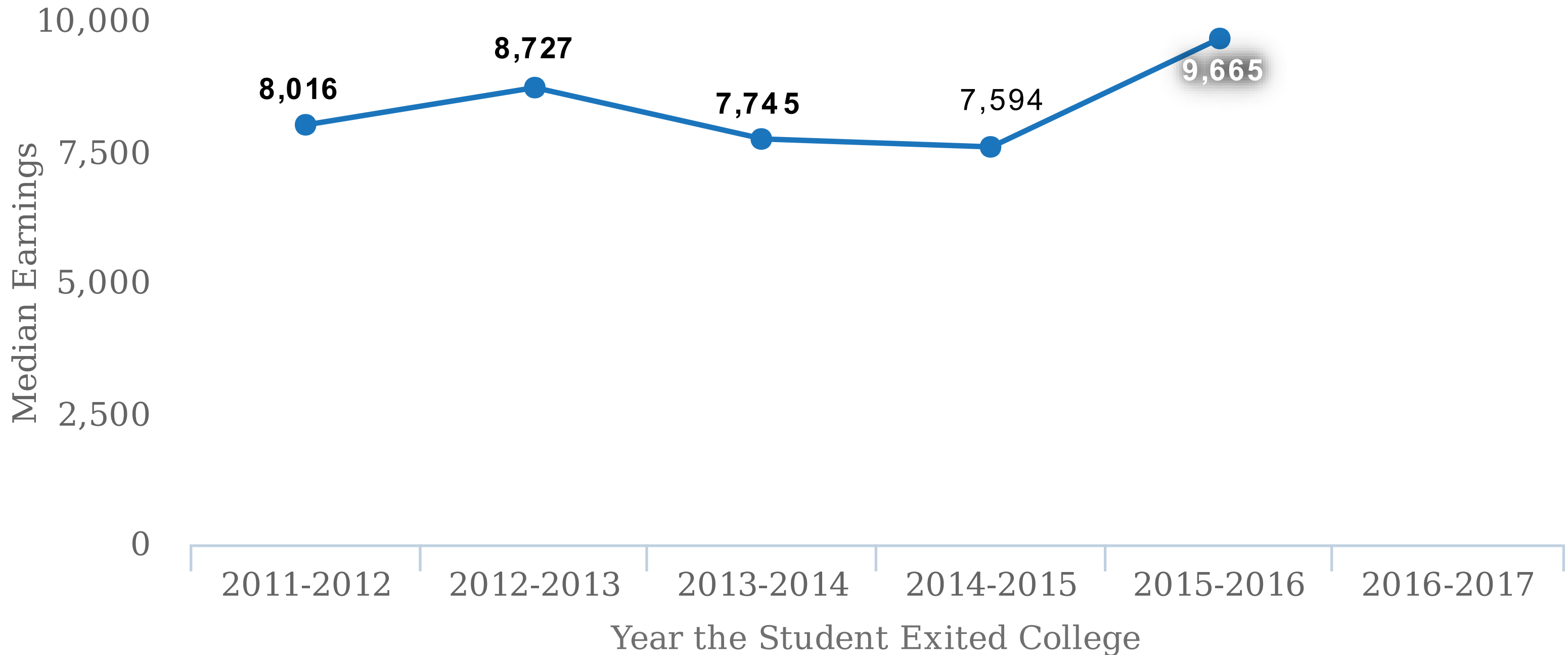
Job Closely Related to Field of Study

Pasadena City College || SECTOR - Life Sciences - Biotechnology || 2016-2017



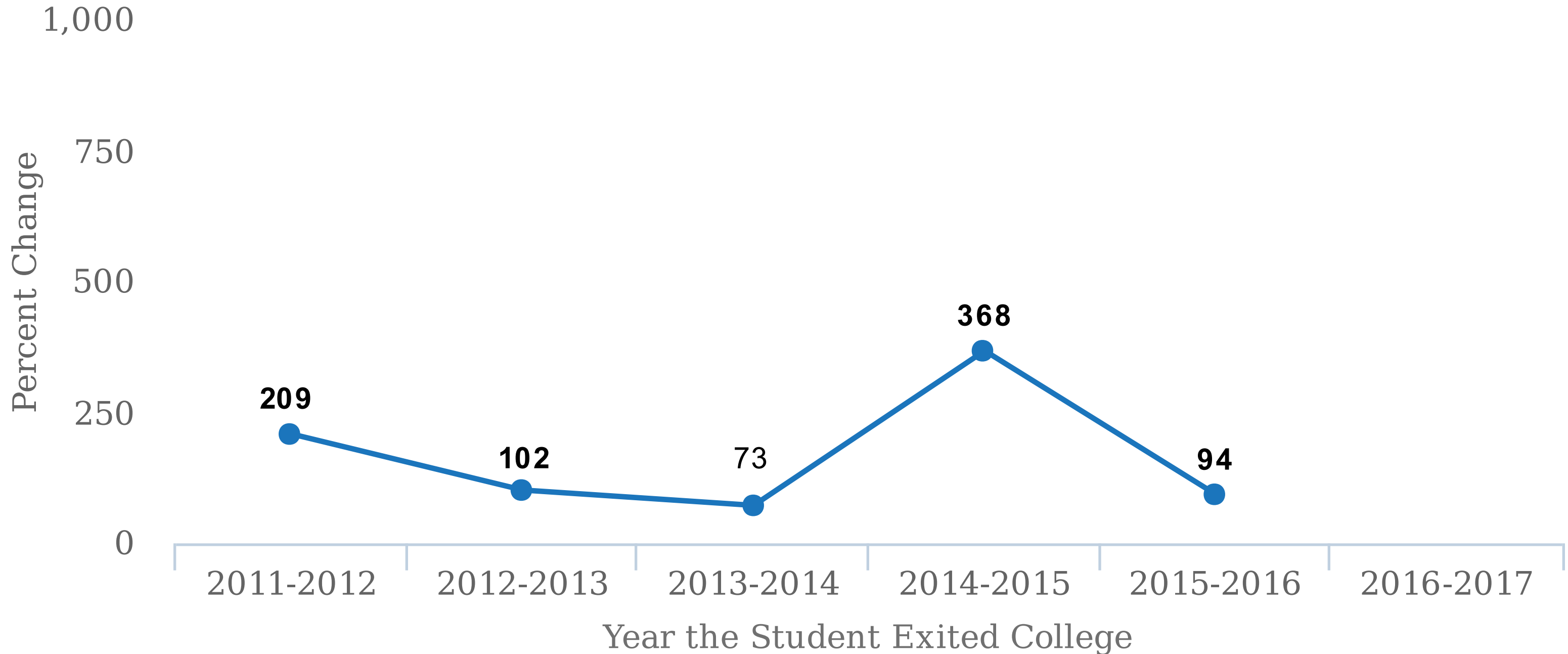
Median Earnings in the Second Fiscal Quarter After Exit

Pasadena City College || SECTOR - Life Sciences - Biotechnology || 2016-2017



Median Change in Earnings

Pasadena City College || SECTOR - Life Sciences - Biotechnology || 2016-2017



SWP Quick Facts 2016-17:

Retail, Hospitality and Tourism



1,173 course enrollments



15 students earned a degree or certificate



65% employed six months after exiting*

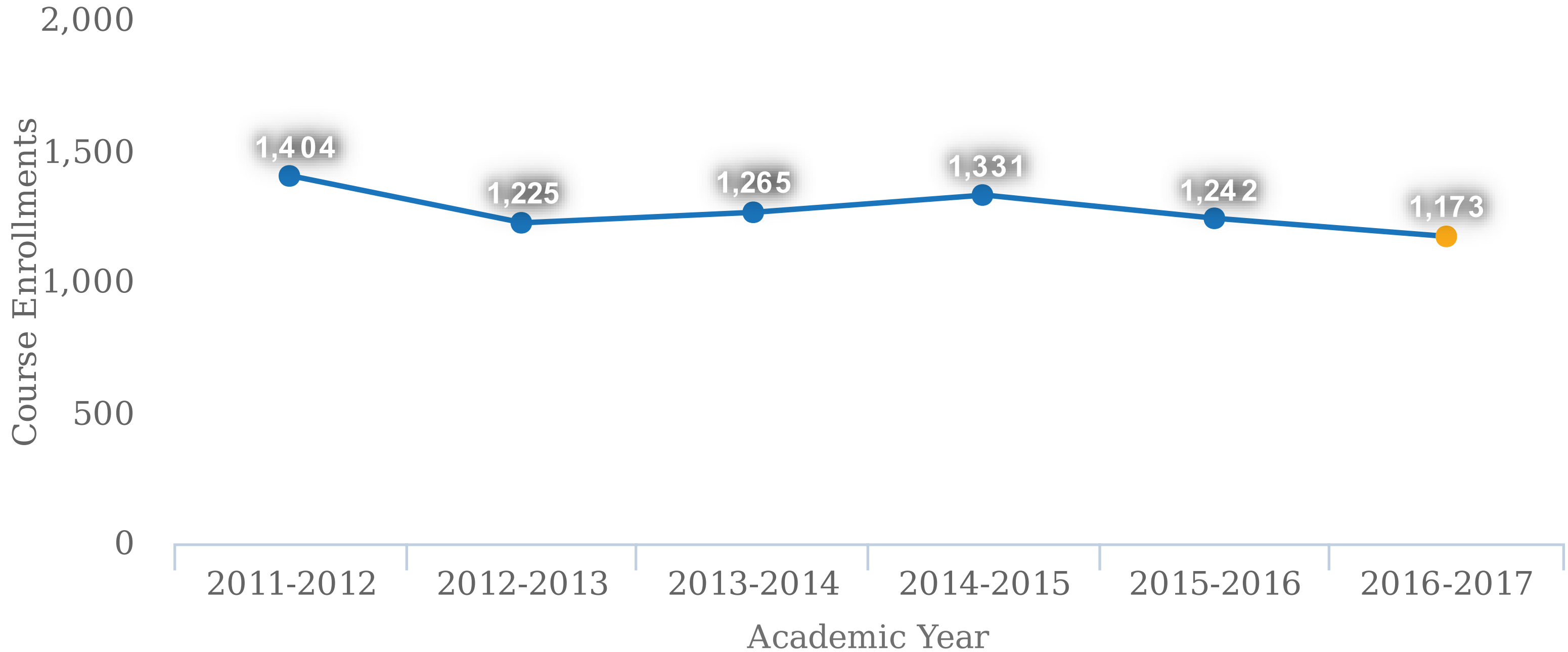


115% increase in earnings after exiting*

*Based upon students that exited in 2015-16.

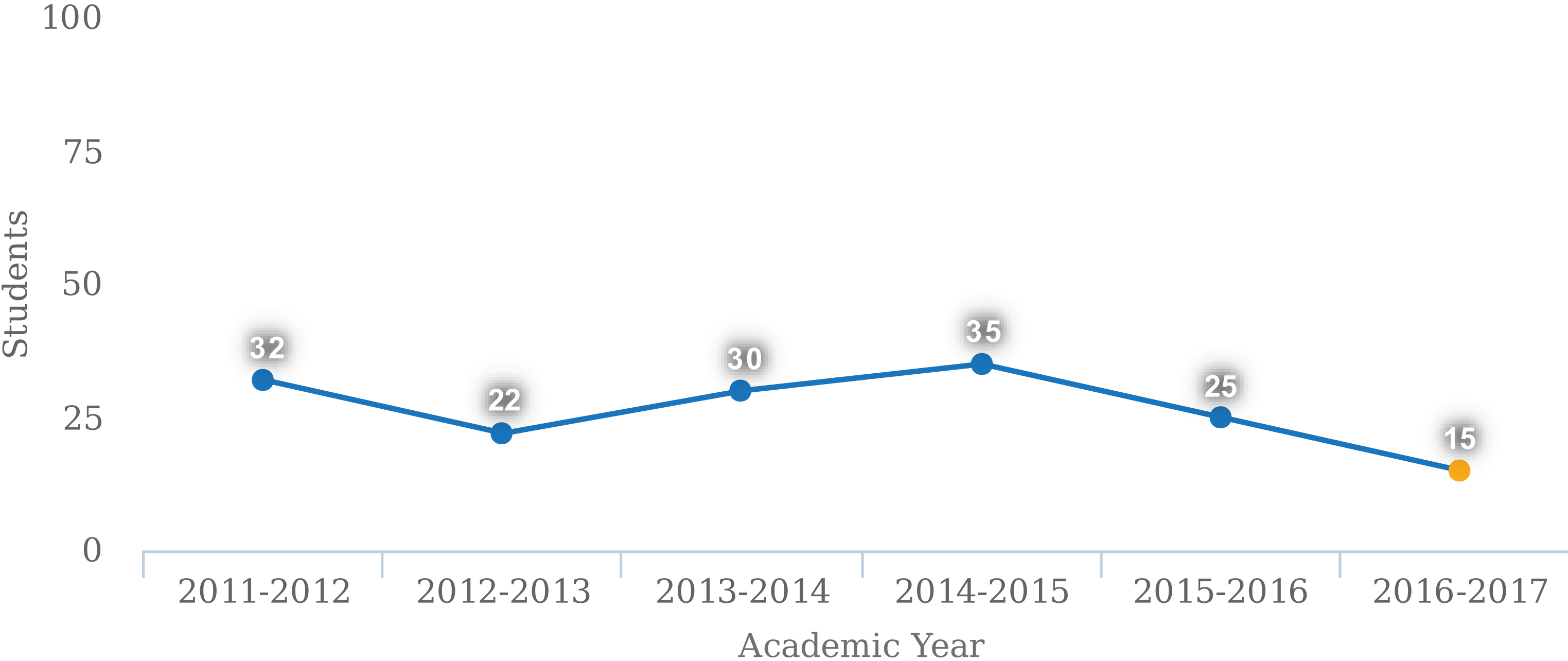
Number of Course Enrollments

Pasadena City College || SECTOR - Retail, Hospitality and Tourism || 2016-2017



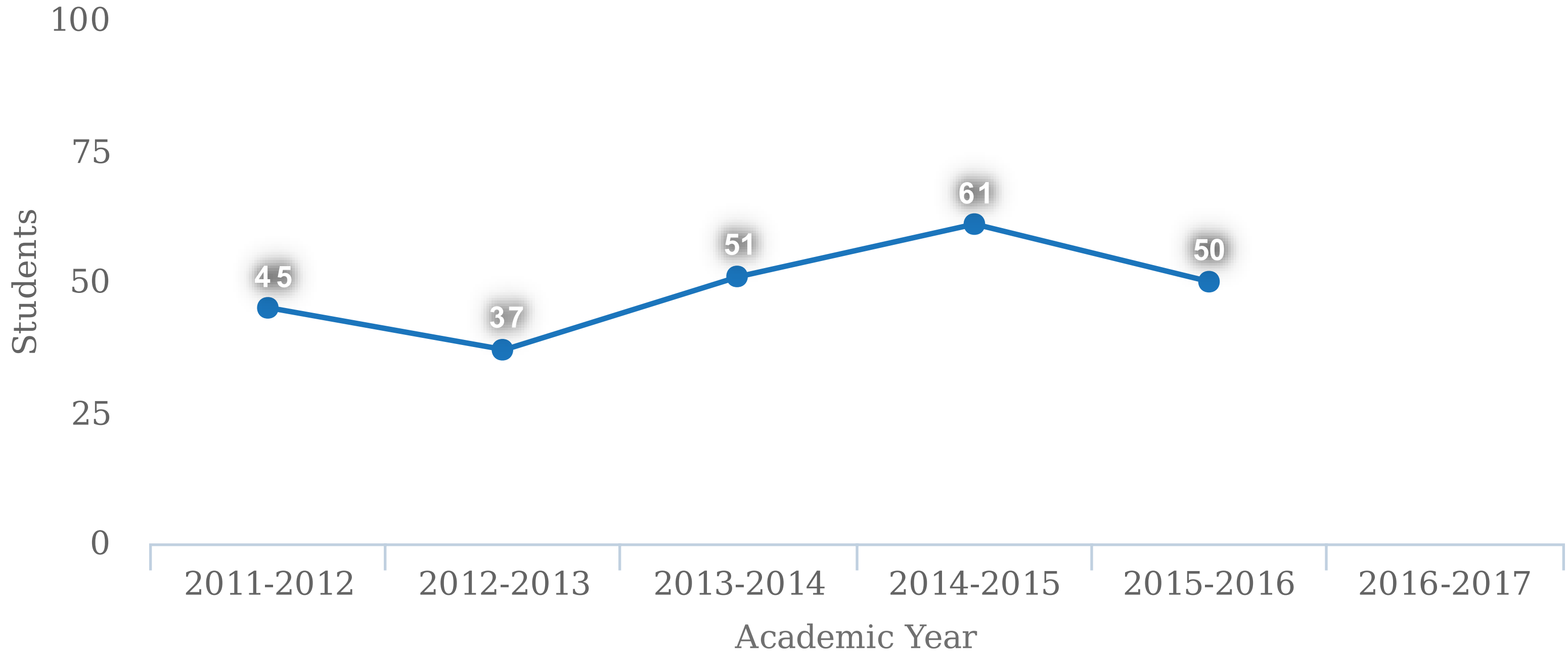
Number of Students Who Earned a Degree or Certificate

Pasadena City College || SECTOR - Retail, Hospitality and Tourism || 2016-2017



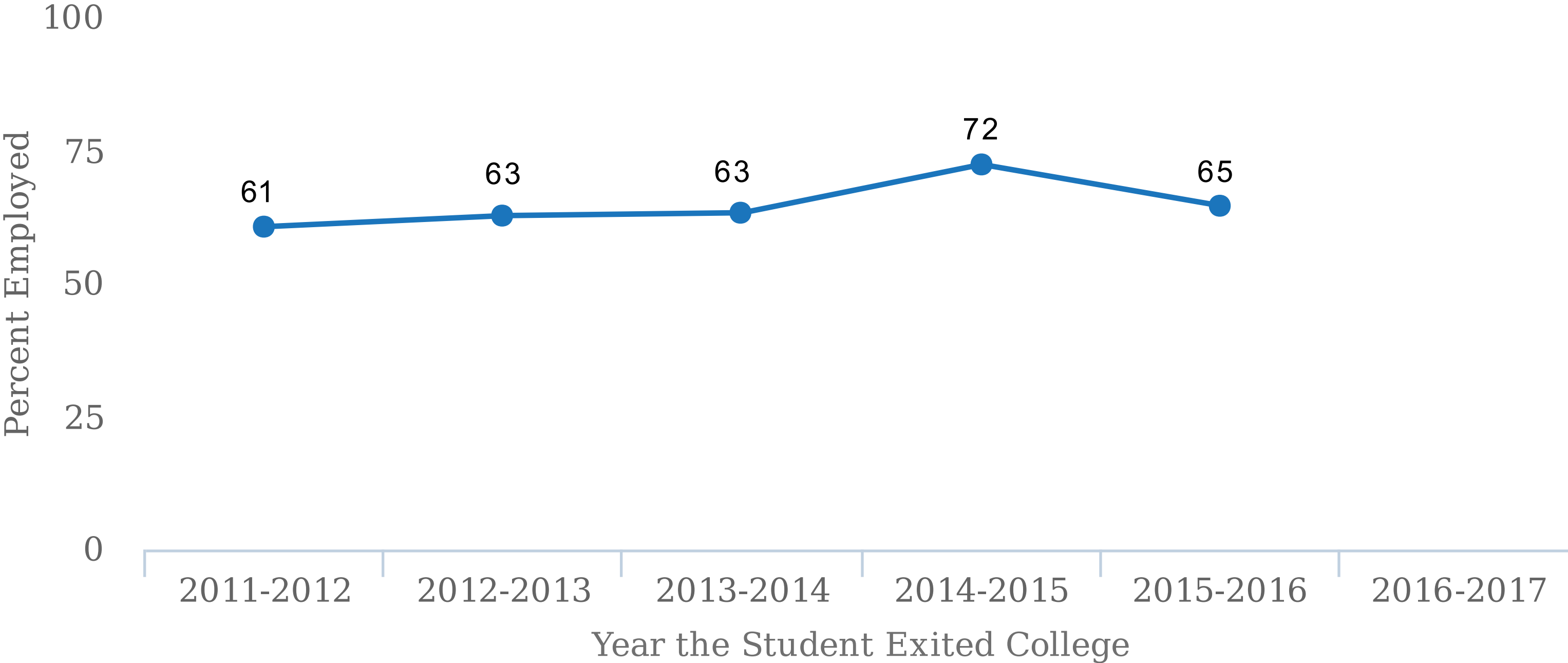
Number of Students Who Transferred to a Four-Year Institution

Pasadena City College || SECTOR - Retail, Hospitality and Tourism || 2016-2017



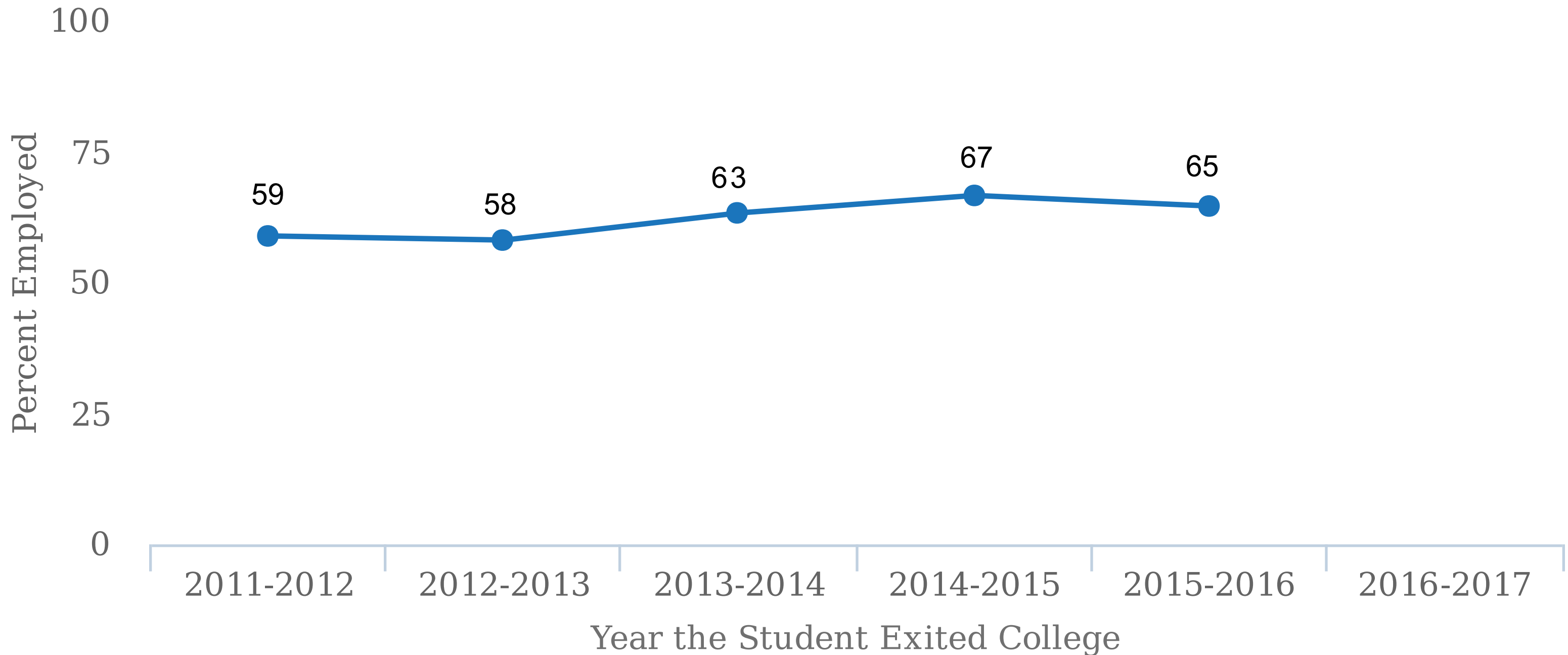
Employed in the Second Fiscal Quarter After Exit (All Exiters)

Pasadena City College || SECTOR - Retail, Hospitality and Tourism || 2016-2017



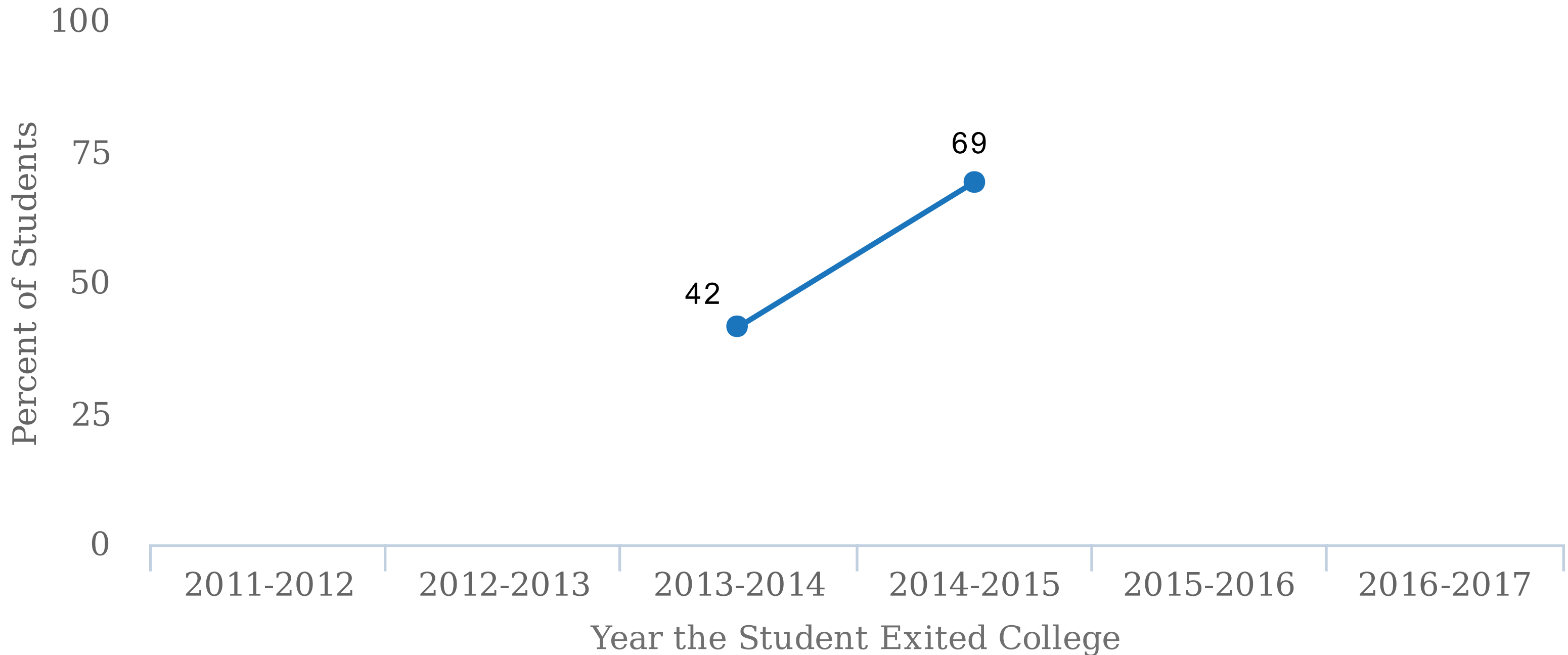
Employed in the Fourth Fiscal Quarter After Exit

Pasadena City College || SECTOR - Retail, Hospitality and Tourism || 2016-2017



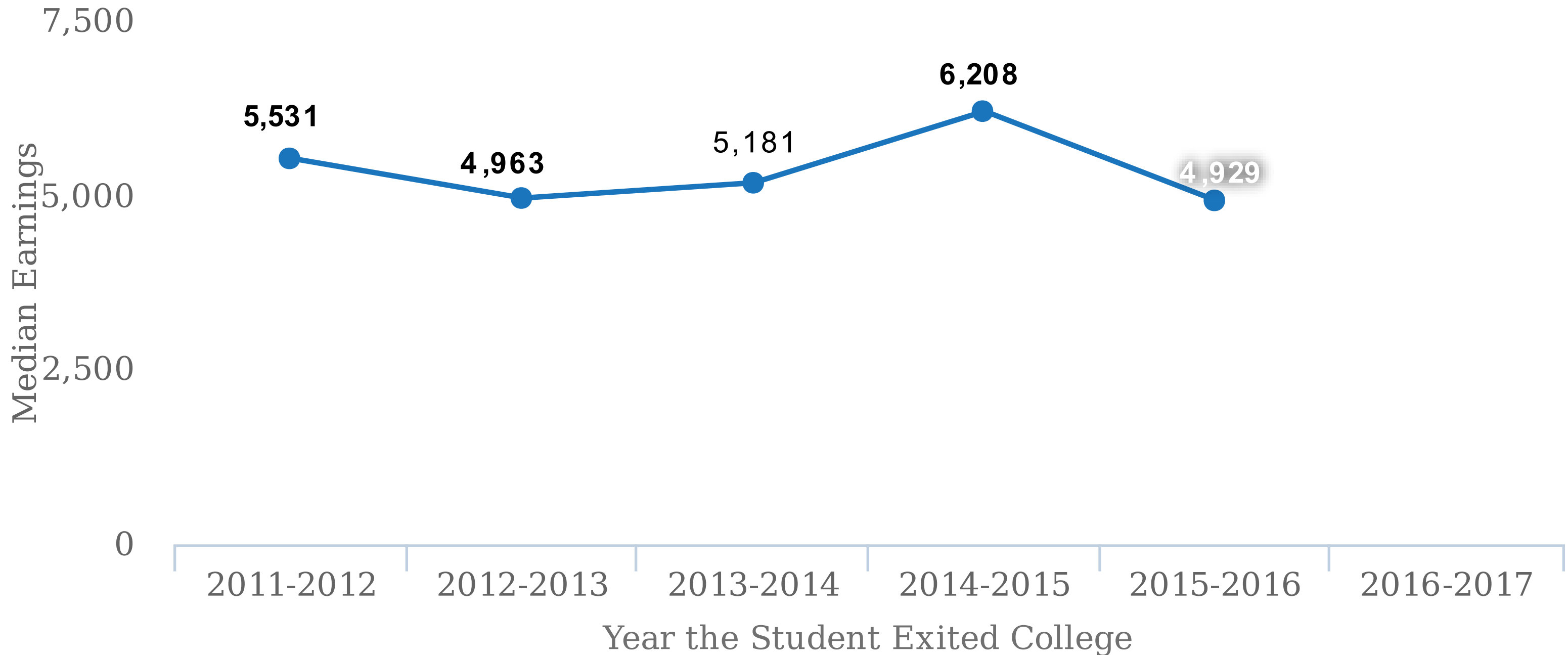
Job Closely Related to Field of Study

Pasadena City College || SECTOR - Retail, Hospitality and Tourism || 2016-2017



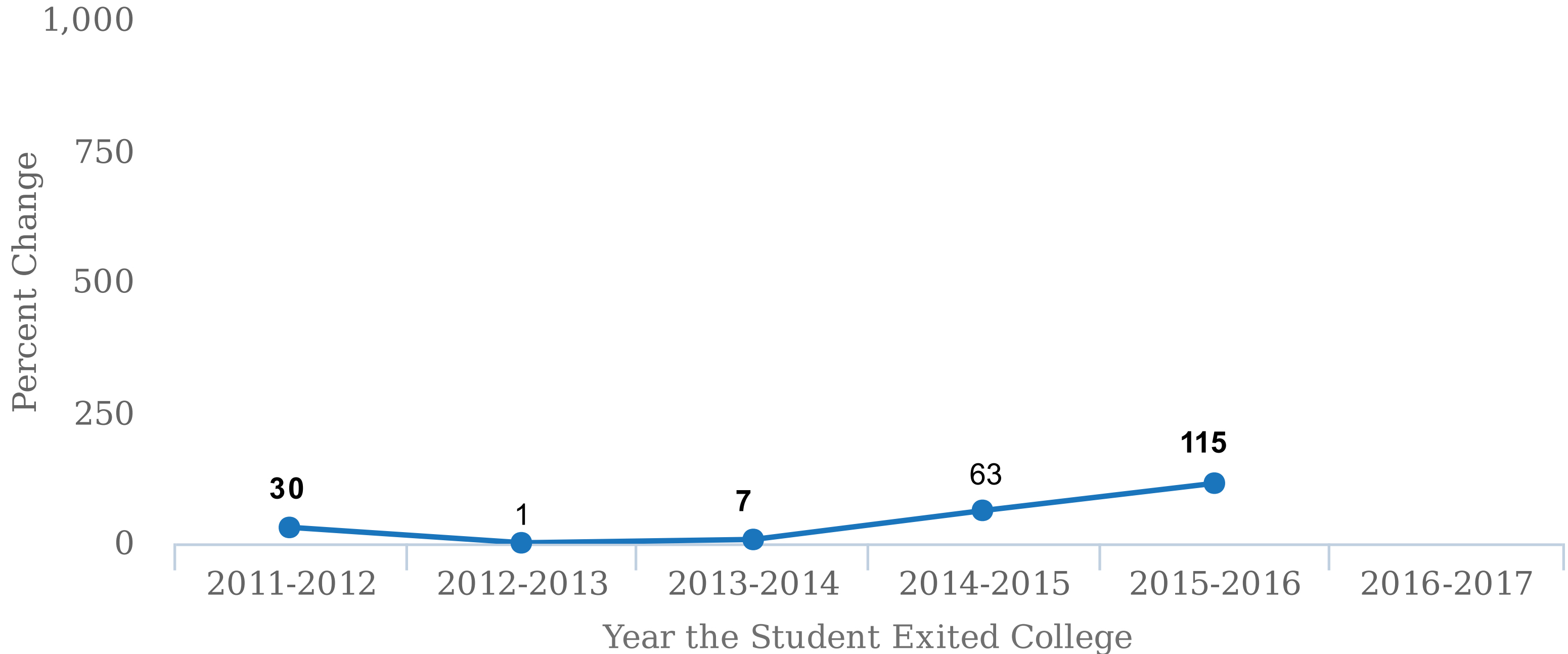
Median Earnings in the Second Fiscal Quarter After Exit

Pasadena City College || SECTOR - Retail, Hospitality and Tourism || 2016-2017



Median Change in Earnings

Pasadena City College || SECTOR - Retail, Hospitality and Tourism || 2016-2017



Proportion of Students Who Attained a Living Wage

Pasadena City College || SECTOR - Retail, Hospitality and Tourism || 2016-2017

