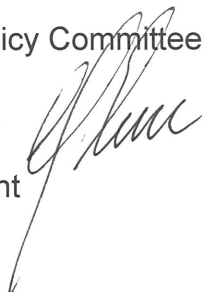TO: Saeid Nooshabadi
    Senate Administrative Policy Committee

DATE: January 15, 2016

FROM: Glenn D. Mroz, President

SUBJECT: Evaluation of the President

I am referring to the following web sites and documents in answer to your five requests:

**1. An evaluation report of the University leadership**
    Evaluation metrics for the University can be found at
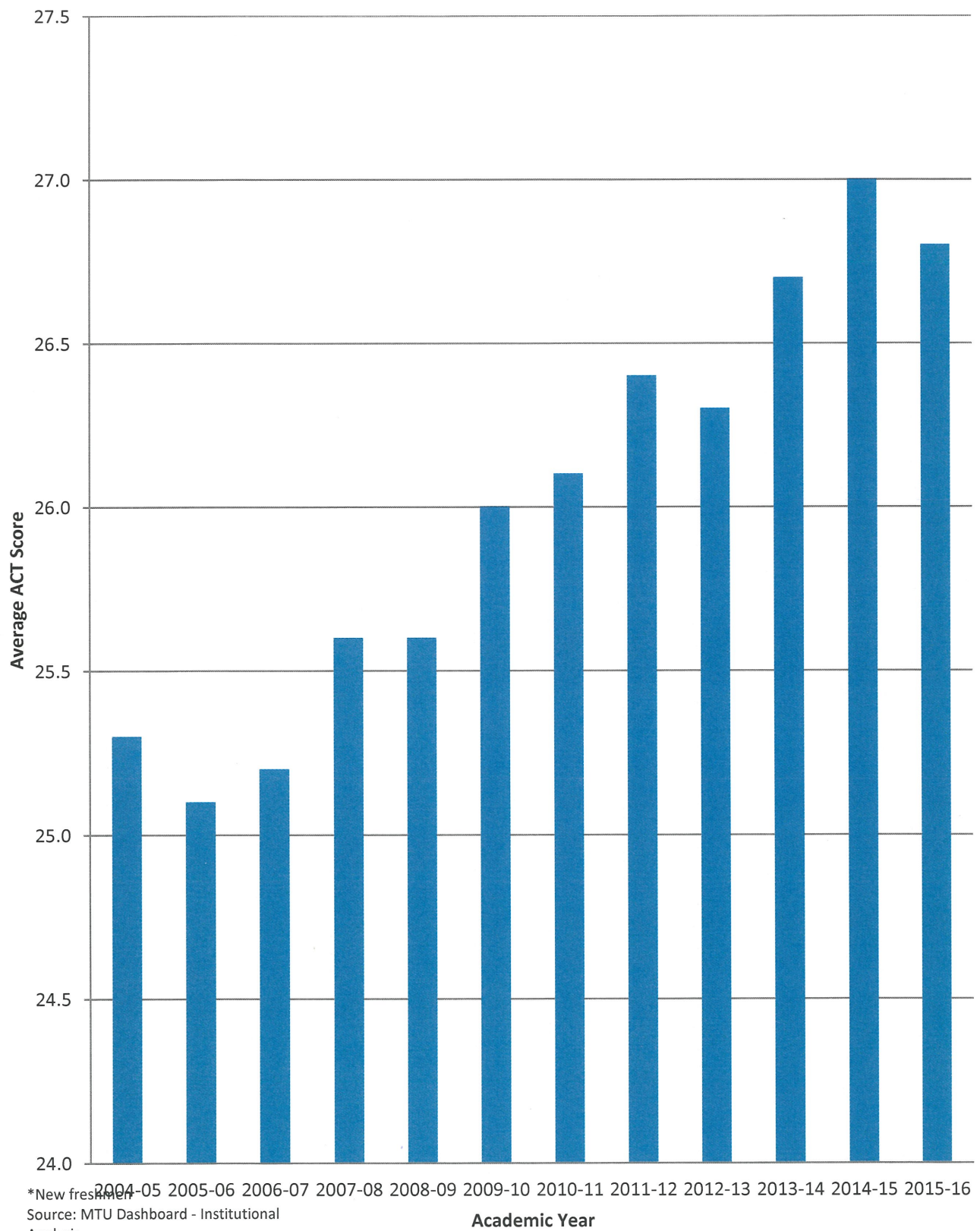    http://www.admin.mtu.edu/urel/dashboard/

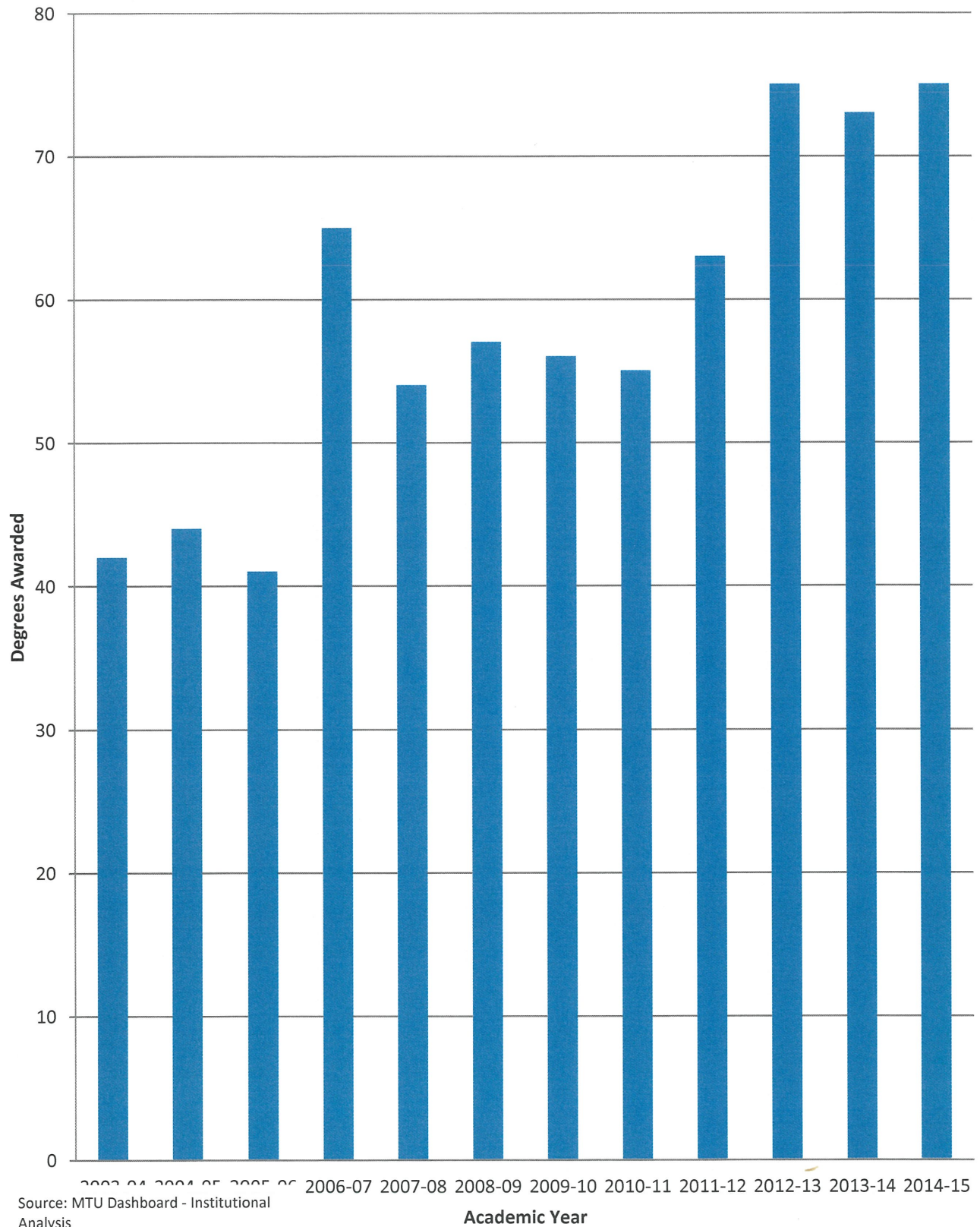**2. Key metric charts over the last eleven years (attached)**

In addition, I have included a very brief statement that speaks to my view of importance and usefulness of the results as follows:

"Thanks for taking time to read this in advance of completing the evaluation of the president. This survey has been conducted by the University Senate each year beginning with my first partial year as president in 2004. Survey results (both quantitative and qualitative) are carefully considered each year as we evaluate progress of the University toward long term goals, as well as evaluating the short range (5 year) goals, strategies and tactics that serve to advance our higher aspirations. Without a doubt, each person taking the time to respond to this survey has a unique vantage point in what they think of the progress of the University resulting in a broad range of ideas for moving forward. This evaluation serves as a way to evaluate current efforts and/or advance new ideas. Of these, some are easily adaptable and adoptable; some are not when weighed against other priorities as well as fiscal and political realities. All are considered."
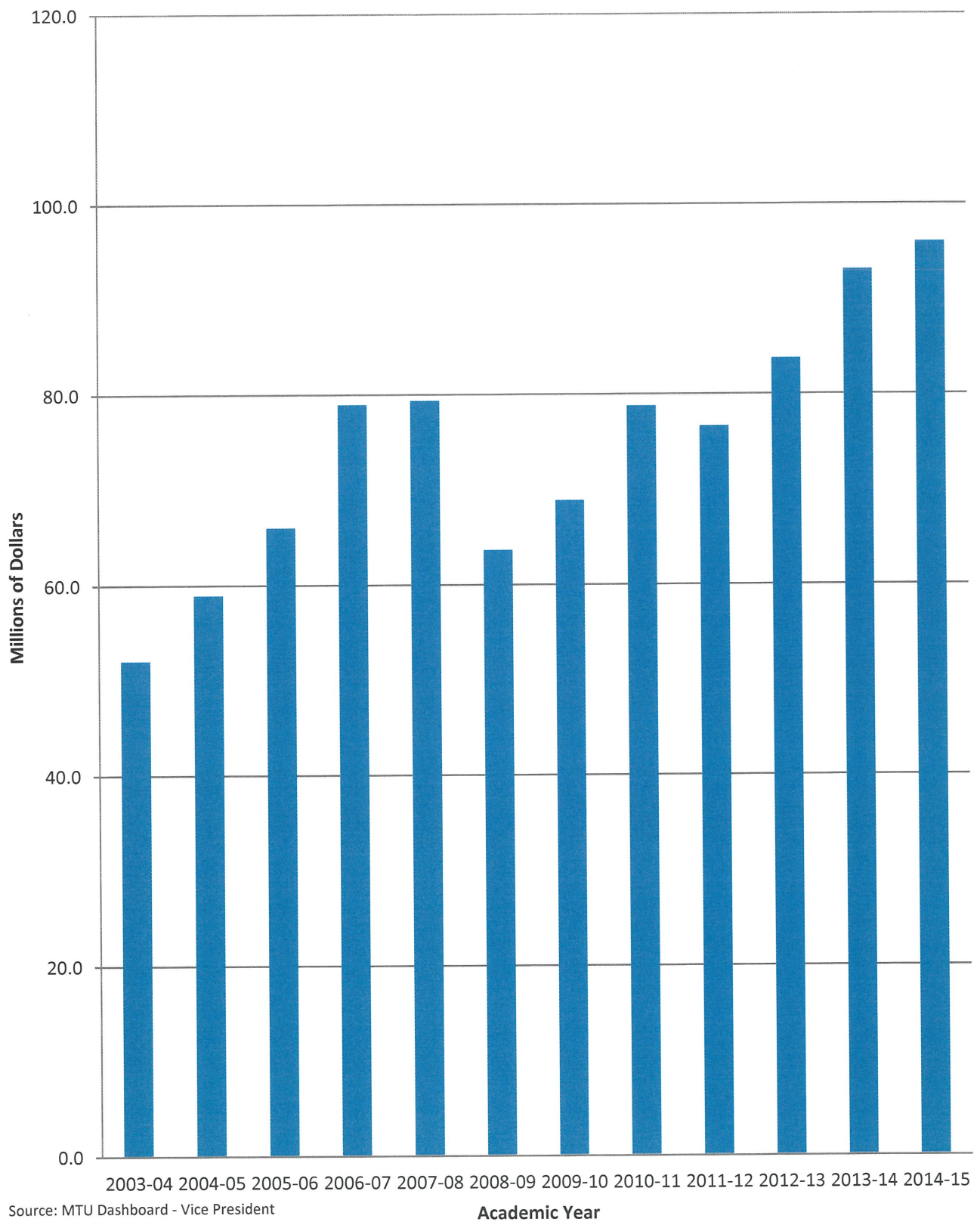
# Michigan Technological University
## Average Incoming ACT Score*



*Chart showing Average ACT Score (y-axis, 24.0 to 27.5) by Academic Year (x-axis):*

- 2004-05: 25.3
- 2005-06: 25.1
- 2006-07: 25.2
- 2007-08: 25.6
- 2008-09: 25.6
- 2009-10: 26.0
- 2010-11: 26.1
- 2011-12: 26.4
- 2012-13: 26.3
- 2013-14: 26.7
- 2014-15: 27.0
- 2015-16: 26.8

**Average ACT Score**

**Academic Year**

*New freshmen
Source: MTU Dashboard - Institutional Analysis

# Michigan Technological University
# PhD's Awarded



Degrees Awarded (y-axis, 0 to 80)

Academic Year (x-axis): 2003-04, 2004-05, 2005-06, 2006-07, 2007-08, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15

# Michigan Technological University
# Endowment Value ($ millions)



Chart showing endowment value in Millions of Dollars by Academic Year, with the Y-axis ranging from 0.0 to 120.0 and the X-axis showing academic years from 2003-04 to 2014-15.
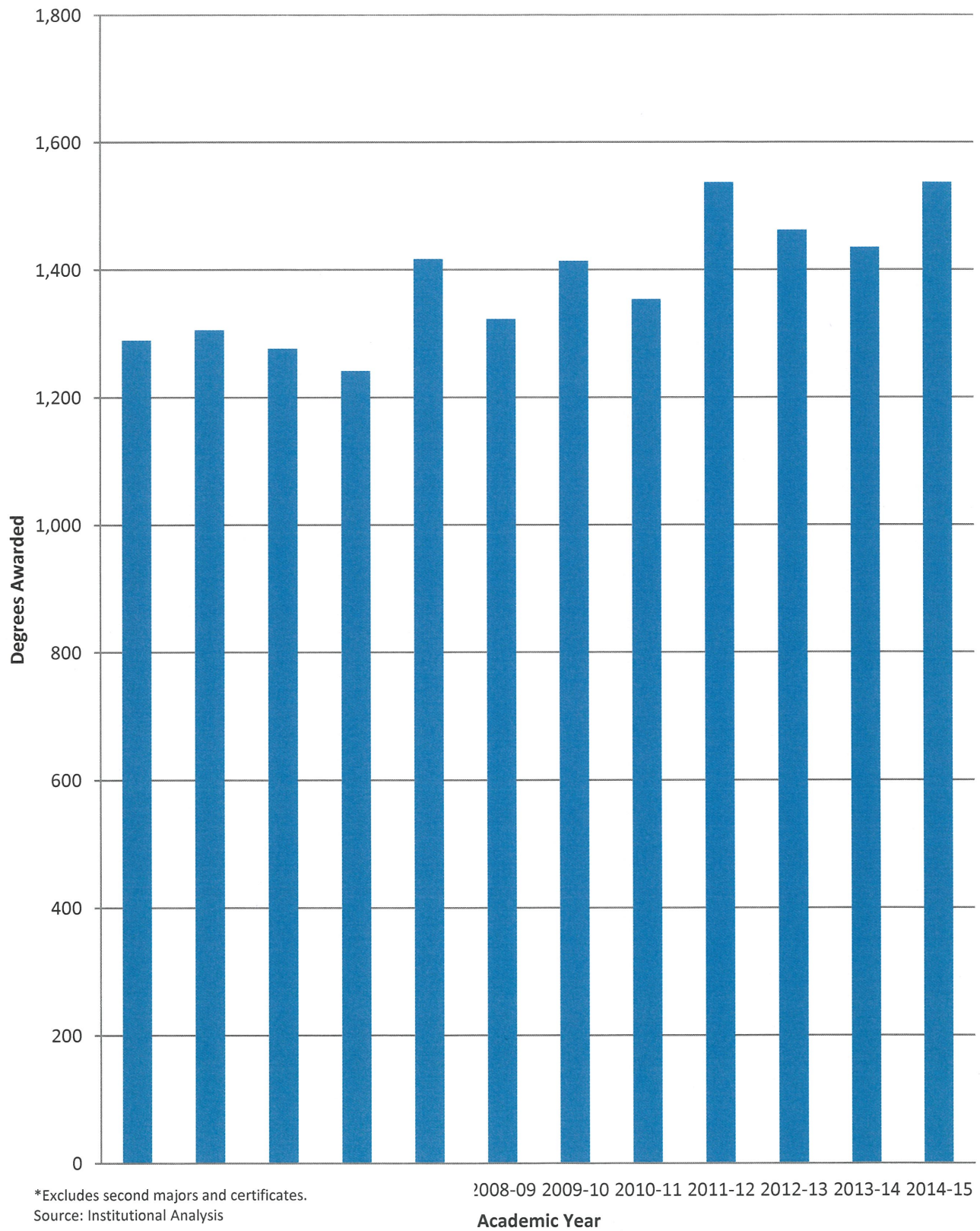
# Michigan Technological University
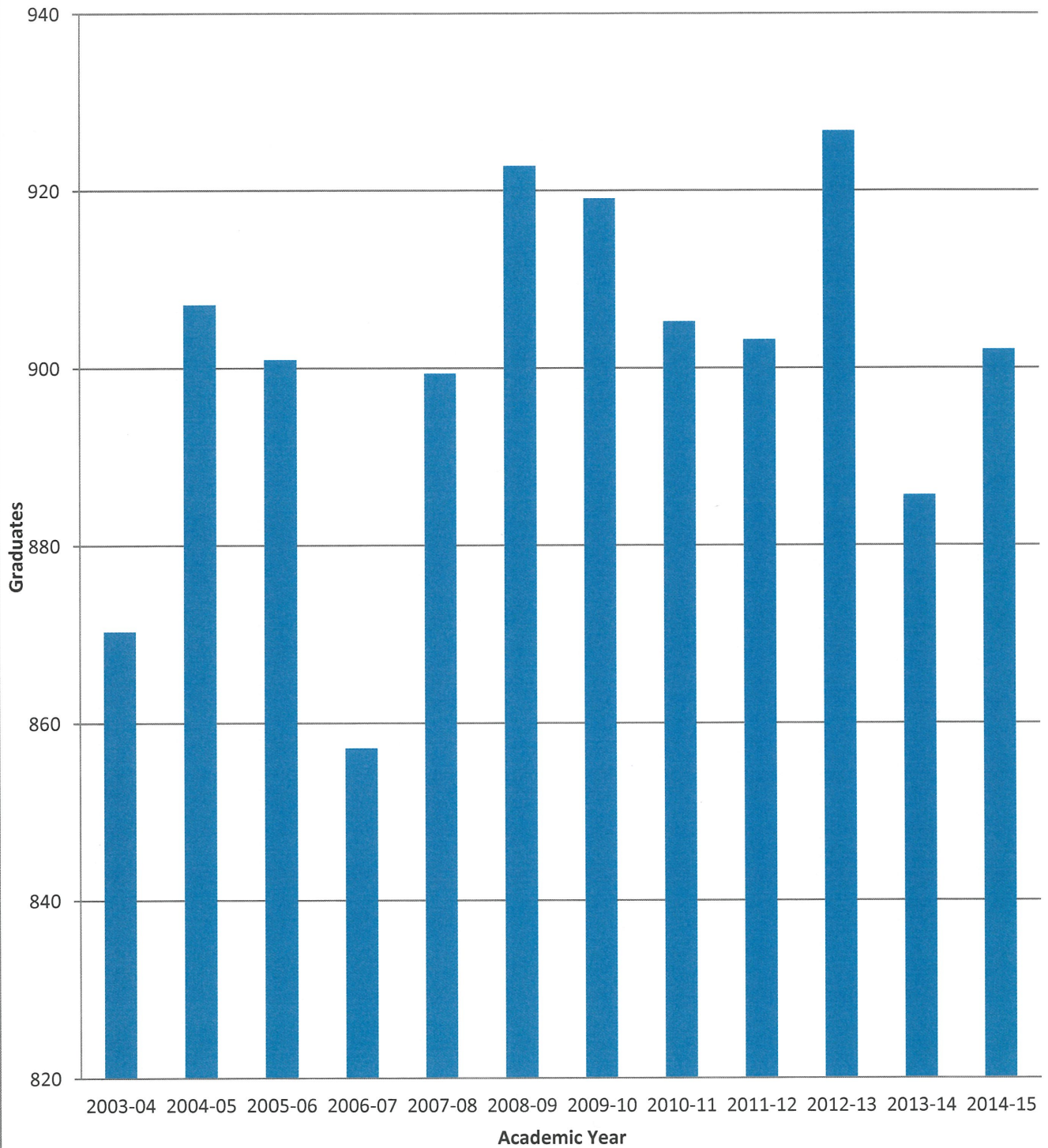# Sponsored Program Awards ($ millions)*
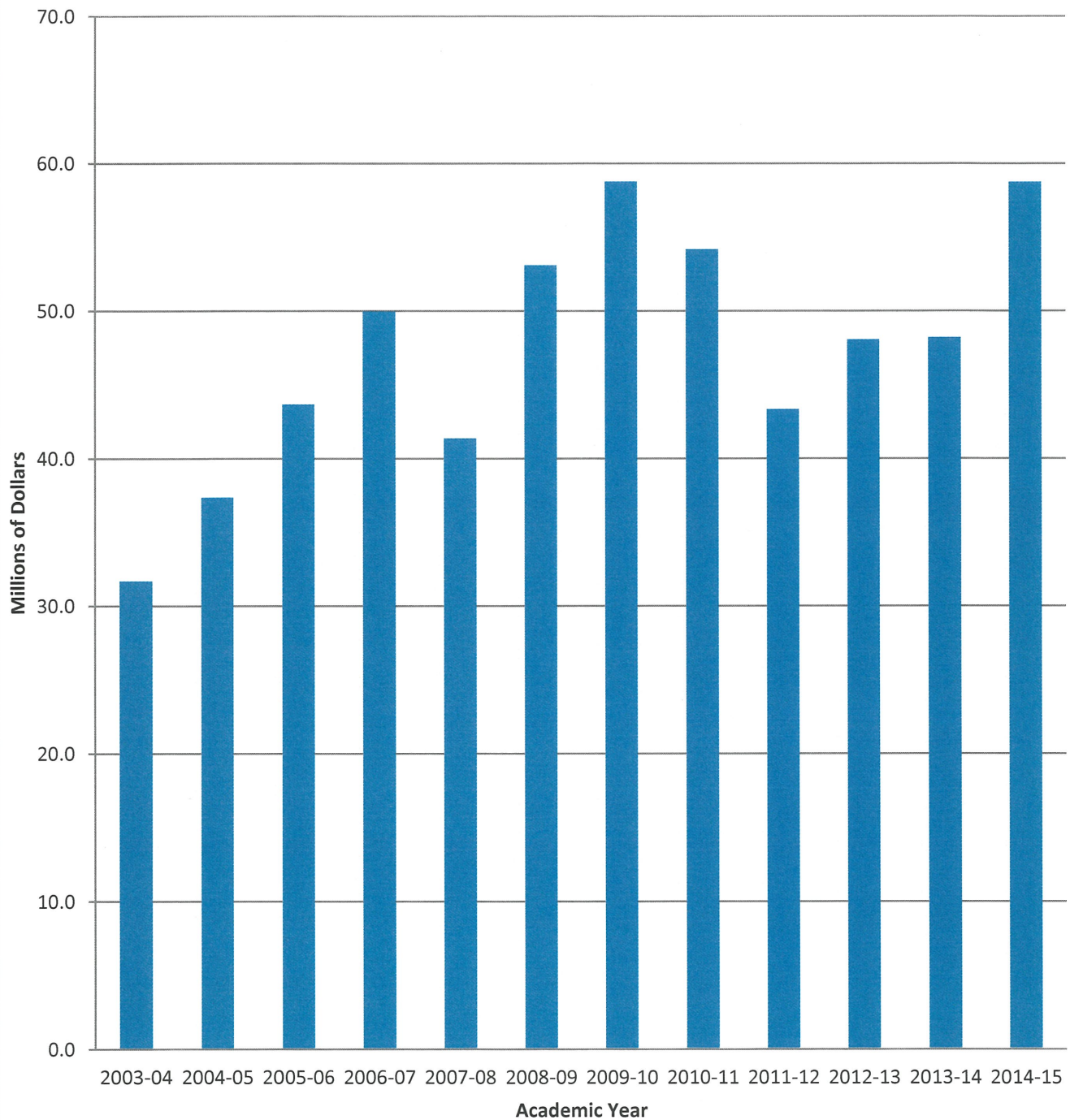


*Includes corporate gifts (non-contractual funding) and crowd funding through Superior Ideas but excludes internal funding such as Research Excellence Fund.

Source: MTU Dashboard - Sponsored Operations Office

# Michigan Technological University
## Total Degrees Awarded*



Degrees Awarded (y-axis): 0, 200, 400, 600, 800, 1,000, 1,200, 1,400, 1,600, 1,800

Academic Year (x-axis): 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15

*Excludes second majors and certificates.
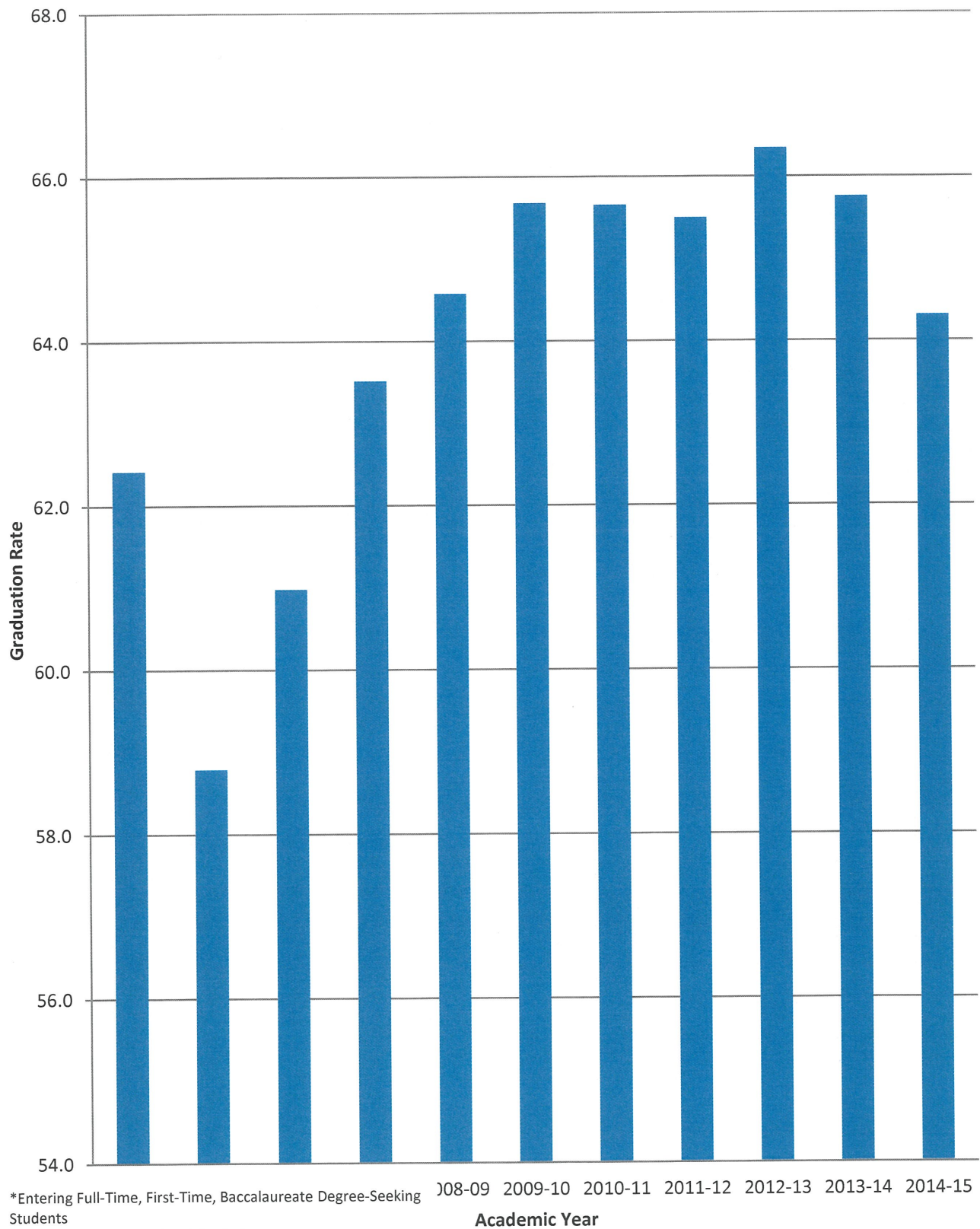Source: Institutional Analysis

# Michigan Technological University
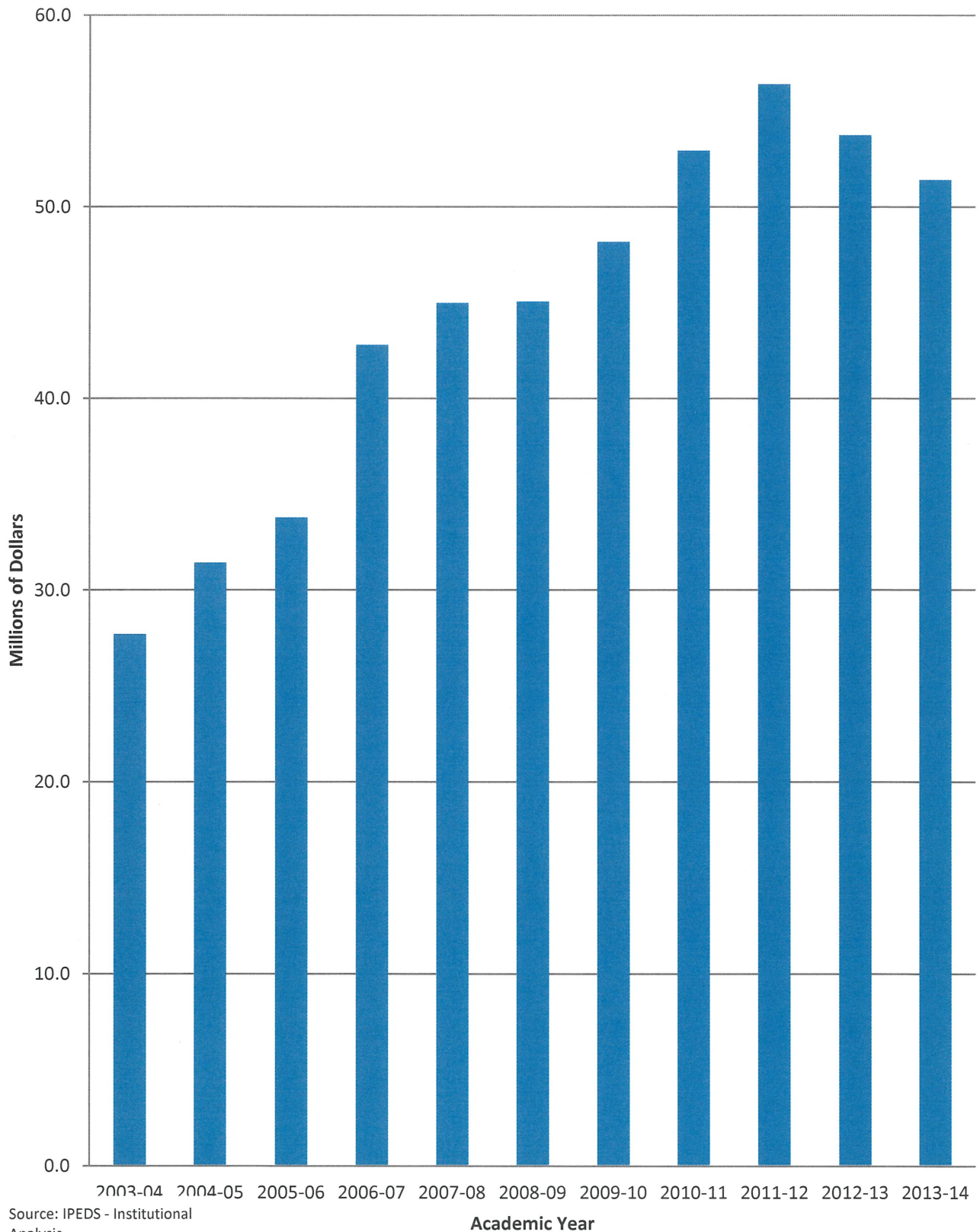# Graduates in Critical Skills Areas (Two Year Avg)*



*Critical Skills as defined by the State of Michigan.
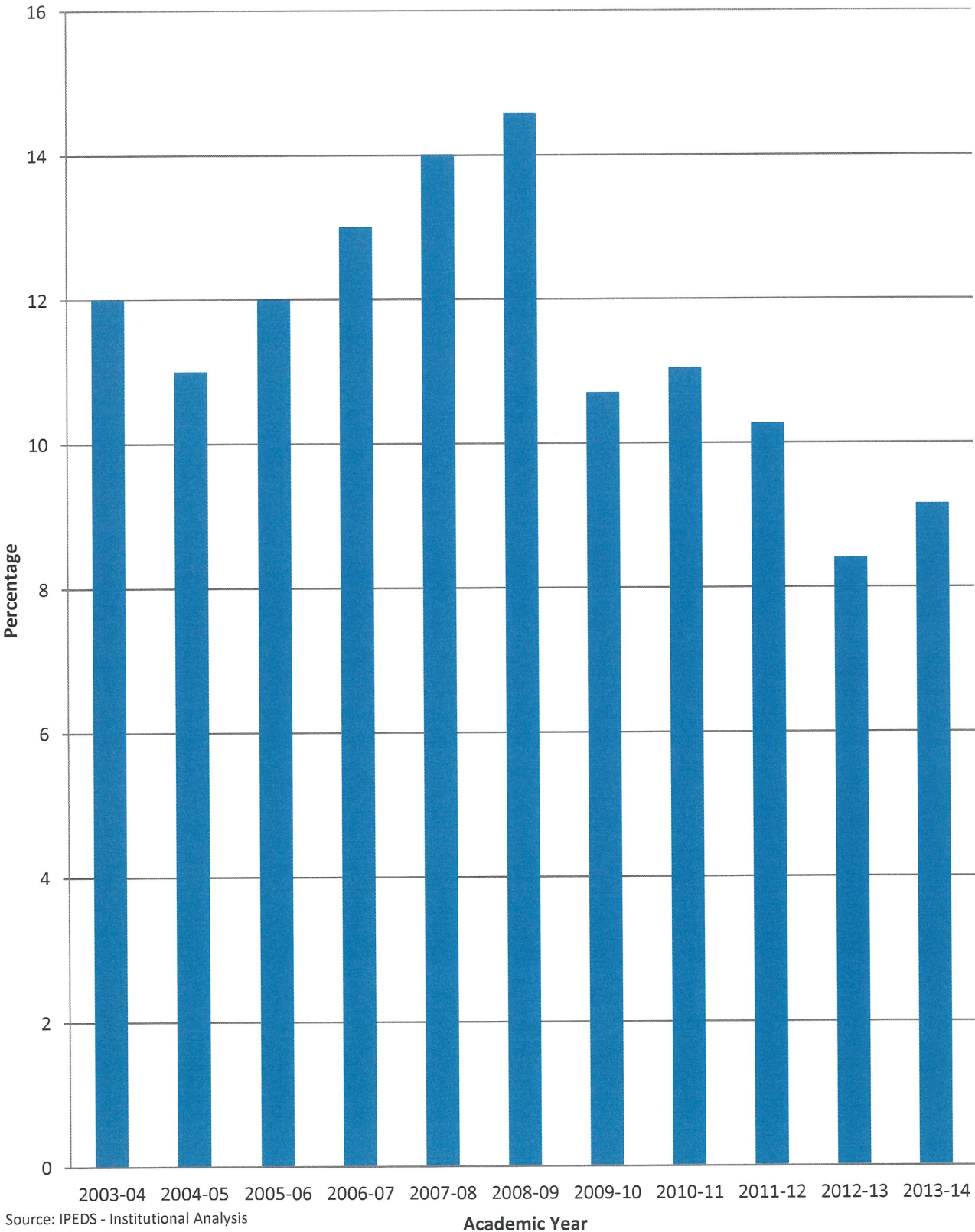Source: IPEDS - Institutional Analysis

# Michigan Technological University
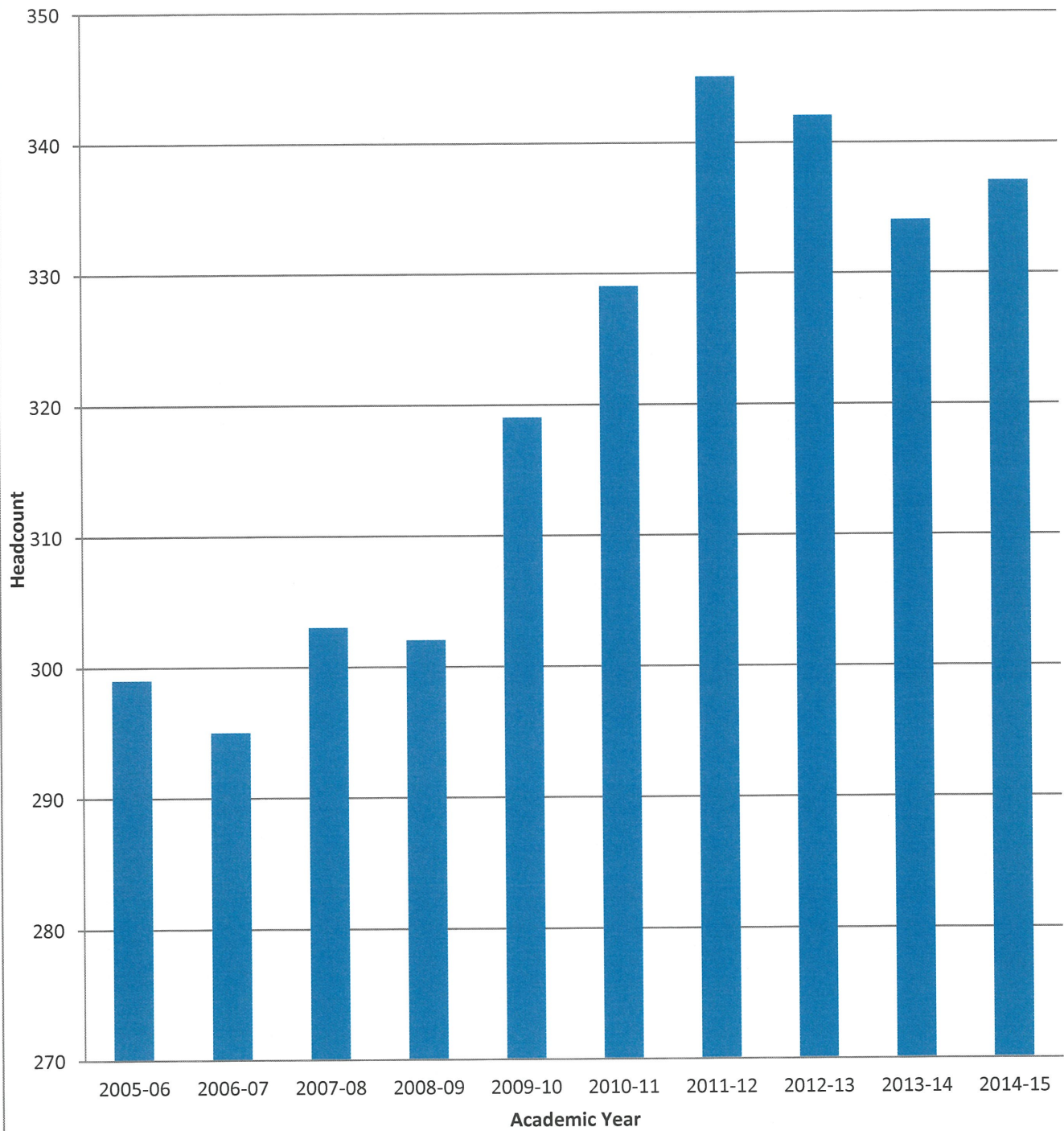## 6-Year Baccalaureate Graduation Rate*



*Entering Full-Time, First-Time, Baccalaureate Degree-Seeking Students

Source: IPEDS - Institutional Analysis

**Academic Year**

# Michigan Technological University
# Research and Development Funding ($ millions)



Y-axis: **Millions of Dollars** (0.0, 10.0, 20.0, 30.0, 40.0, 50.0, 60.0)

X-axis: **Academic Year** (2003-04, 2004-05, 2005-06, 2006-07, 2007-08, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14)

# Michigan Technological University
# Inst. Support as a % of Core Expenditures



Percentage (y-axis): 0, 2, 4, 6, 8, 10, 12, 14, 16

Academic Year (x-axis): 2003-04, 2004-05, 2005-06, 2006-07, 2007-08, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14

# Michigan Technological University
# Number of Full-Time Tenured/Tenure-Track Faculty*



Headcount vs. Academic Year

| Academic Year | Headcount |
|---|---|
| 2005-06 | 299 |
| 2006-07 | 295 |
| 2007-08 | 303 |
| 2008-09 | 302 |
| 2009-10 | 319 |
| 2010-11 | 329 |
| 2011-12 | 345 |
| 2012-13 | 342 |
| 2013-14 | 334 |
| 2014-15 | 337 |

*Includes all full time tenured/tenure-track instructional faculty.  Also includes those faculty on sabbatical and unpaid leave of absence.  Deans, associates deans, department chairs, executives and professional staff with tenure are not included.
Source: Institutional Analysis

# Michigan Technological University
# Average Professor Salary ($ thousands)*



*Y-axis label: Thousands of Dollars*

*Y-axis values: 120.0, 100.0, 80.0, 60.0, 40.0, 20.0, 0.0*

*X-axis (Academic Year): 2007-08, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15*

**Academic Year**
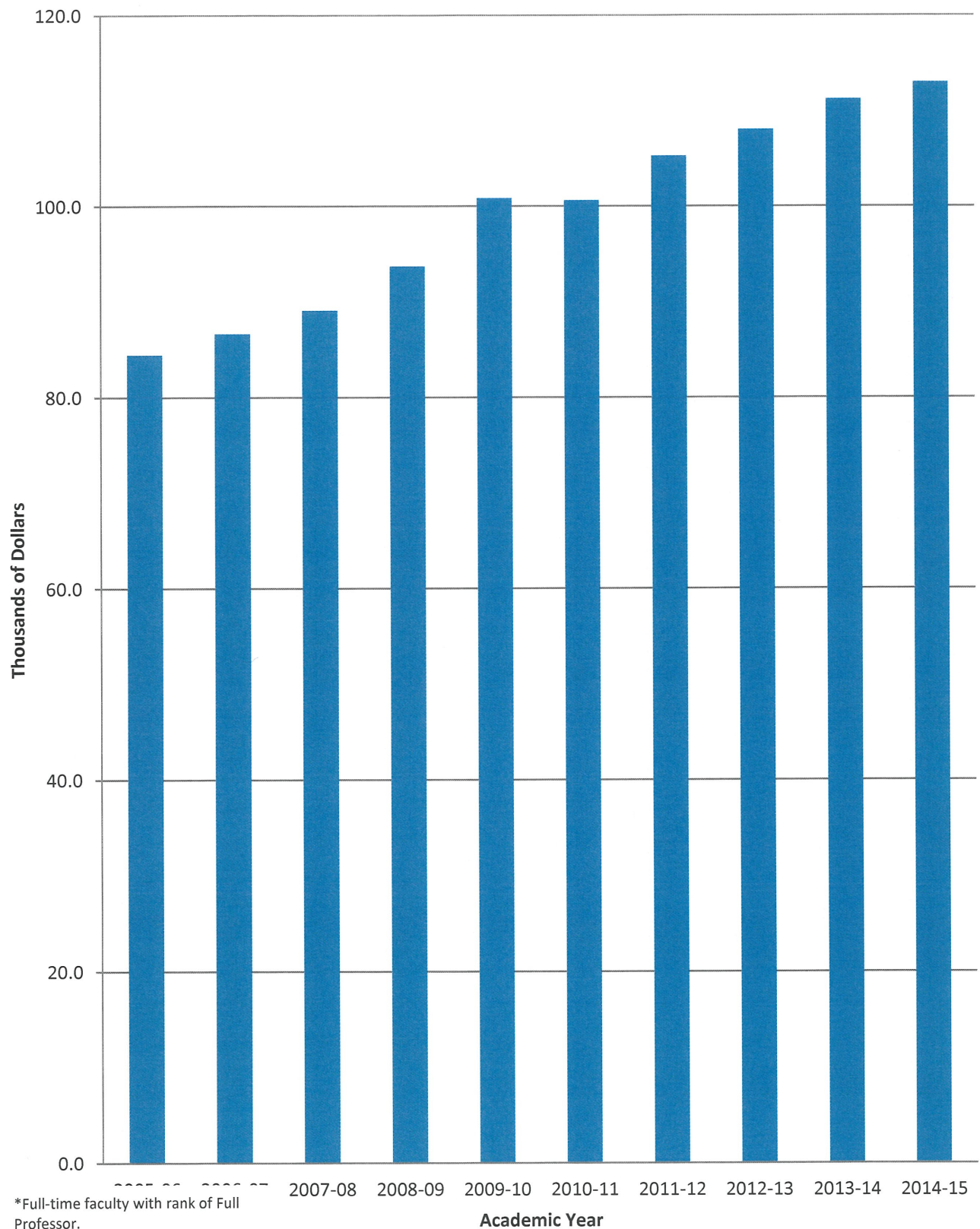
*Full-time faculty with rank of Full Professor.
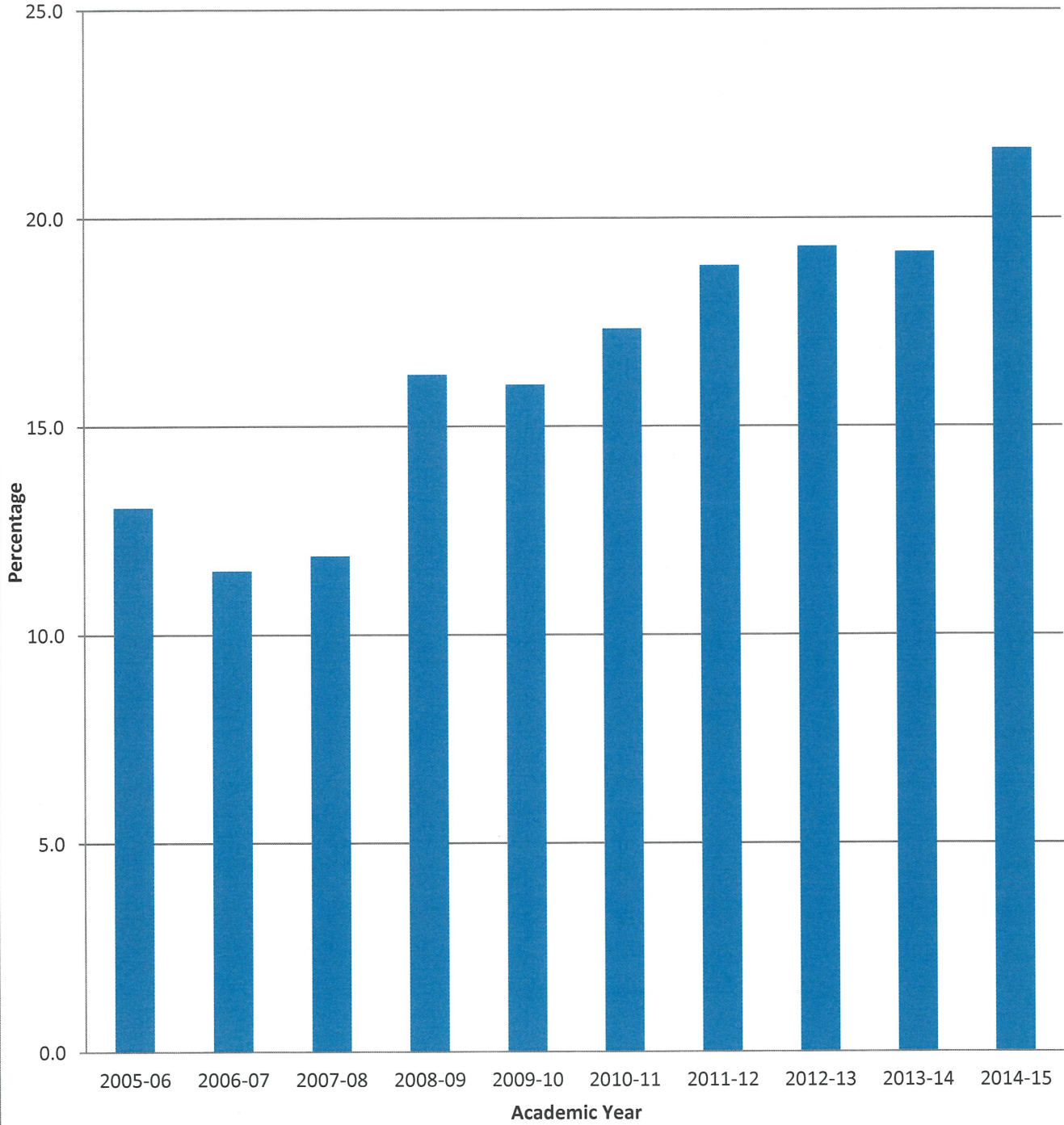Source: AAUP - Institutional Analysis

# Michigan Technological University
# Number of Full-Time Tenured/Tenure-Track Female Faculty (%)*
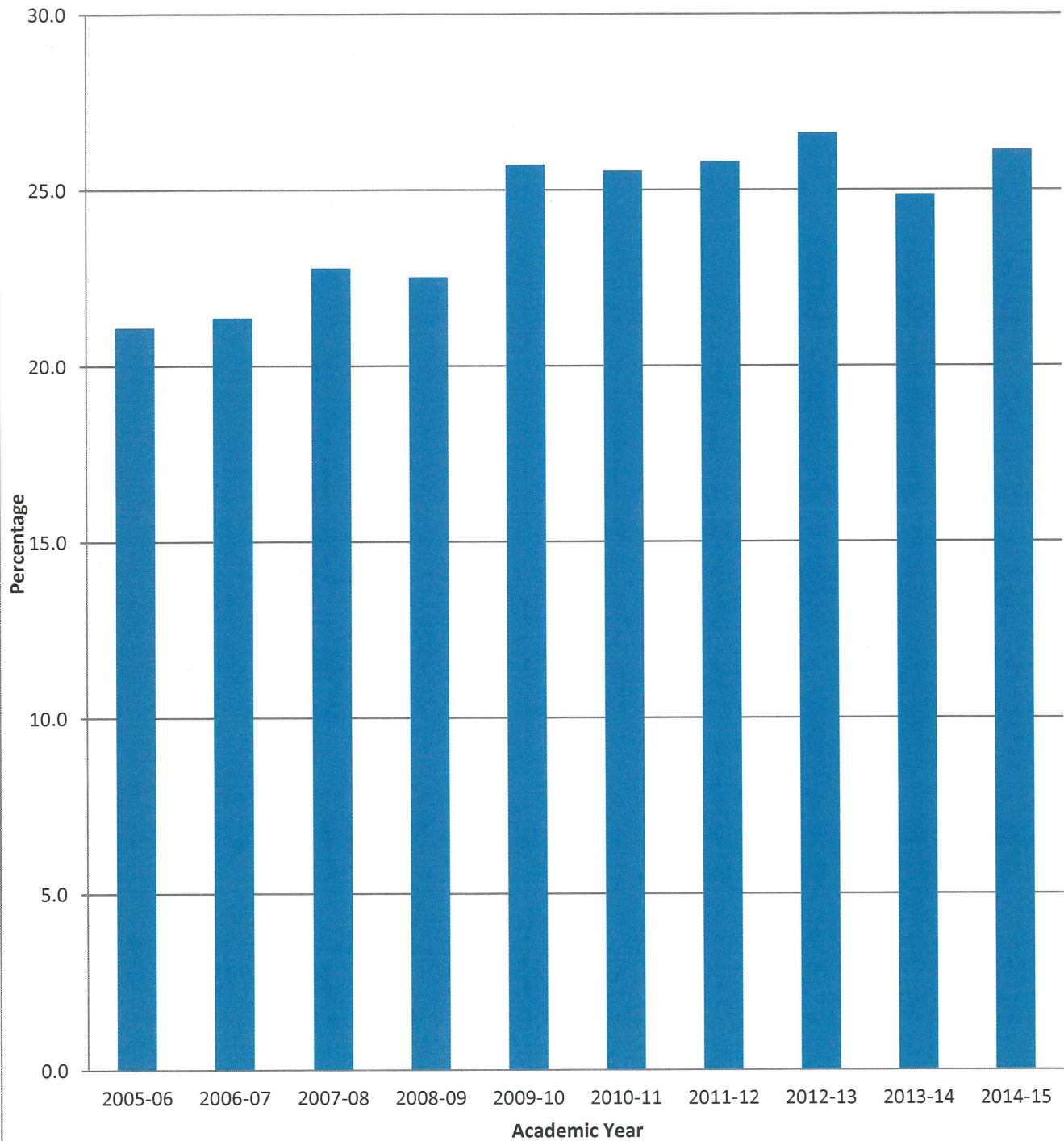


*Includes all full time tenured/tenure-track instructional faculty. Also includes those faculty on sabbatical and unpaid leave of absence. Deans, associates deans, department chairs, executives and professional staff with tenure are not included.
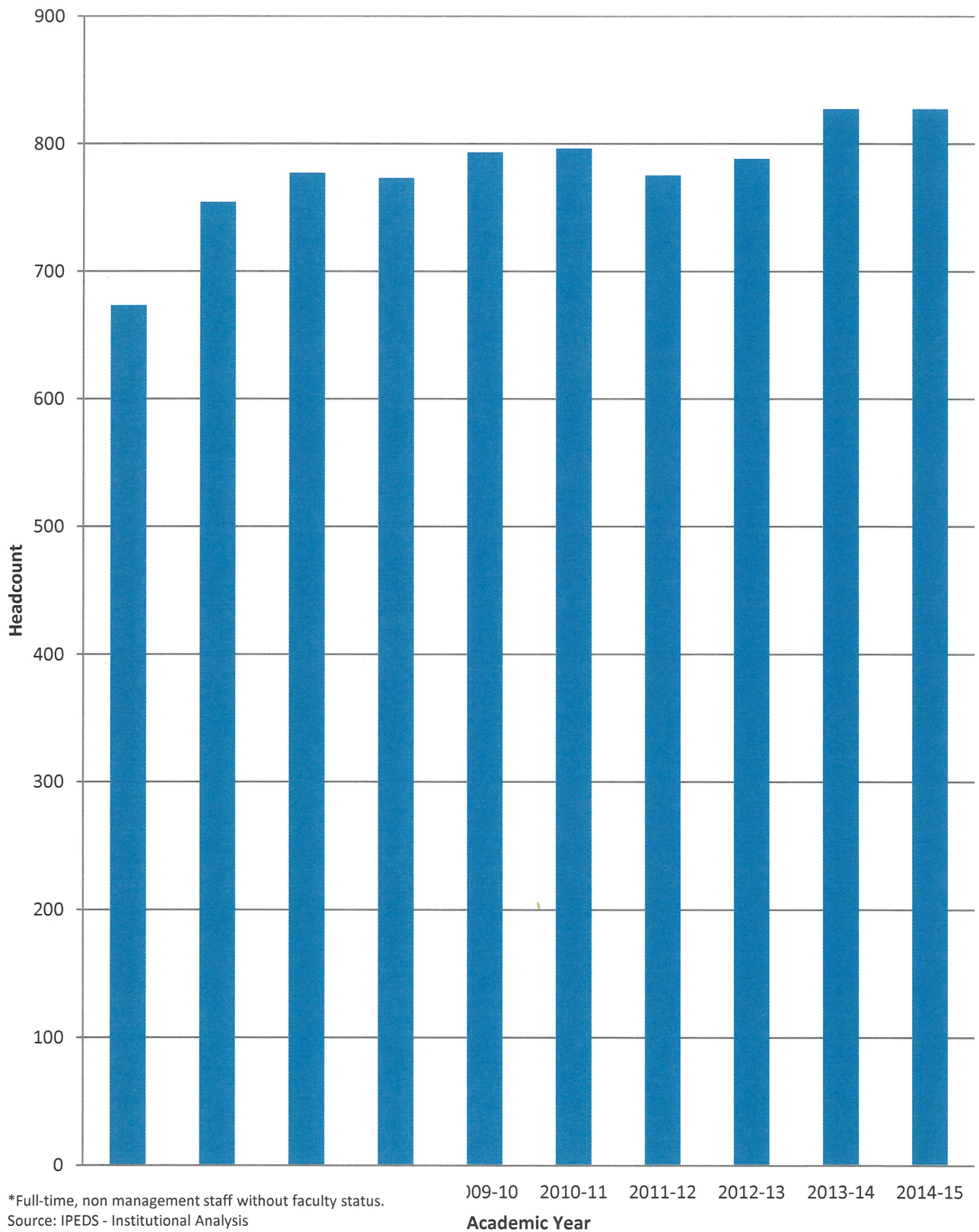Source: Institutional Analysis

# Michigan Technological University
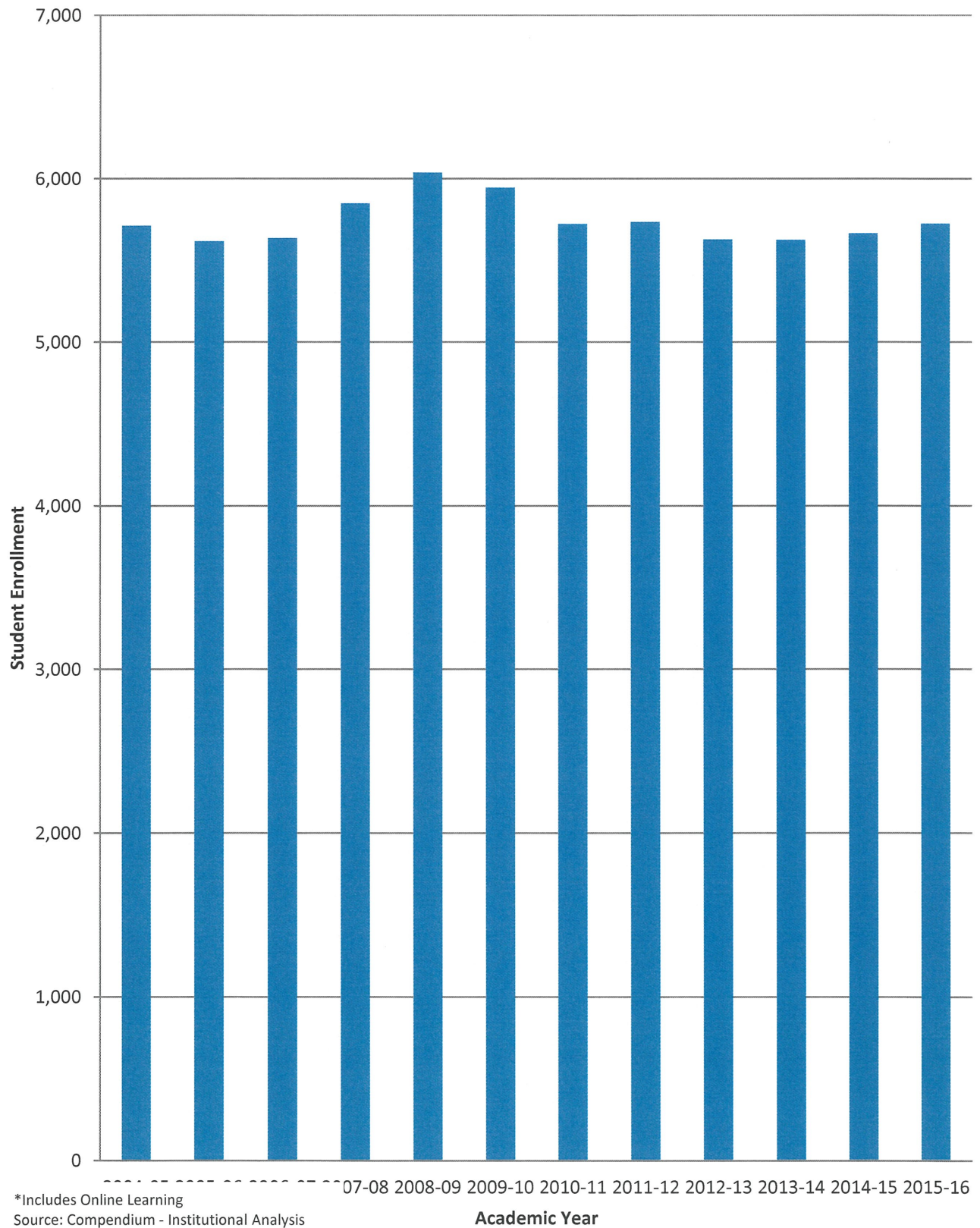# Number of Full-Time Tenured/Tenure-Track



*Includes all American Indian/Alaskan Native, African American, Asian/Asian American, Hispanic/Hispanic American, Multiracial and Pacific Islander full time tenured/tenure-track instructional faculty. Also includes those faculty on sabbatical and unpaid leave of absence. Deans, associates deans, department chairs, executives and professional staff with tenure are not included.
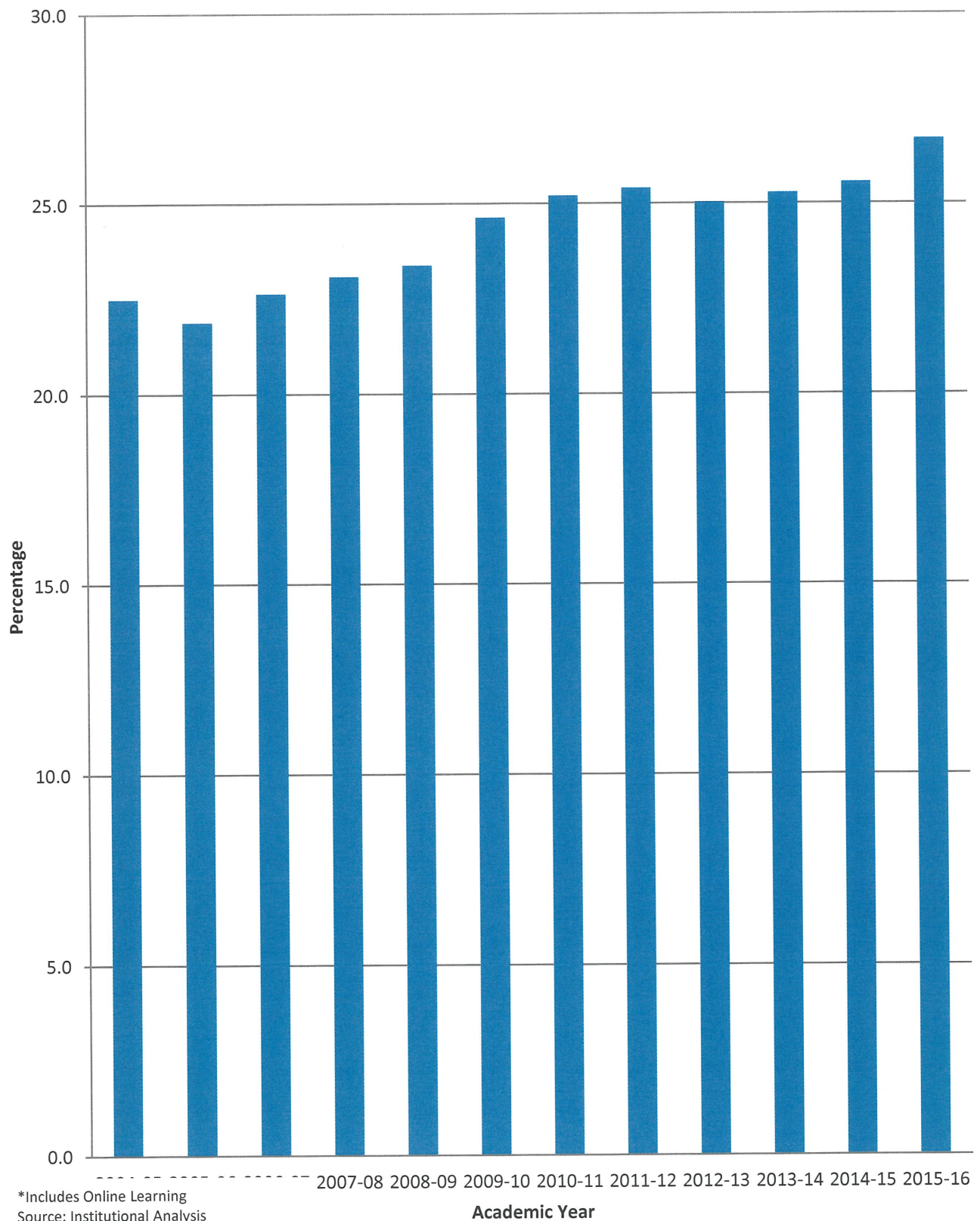Source: Institutional Analysis
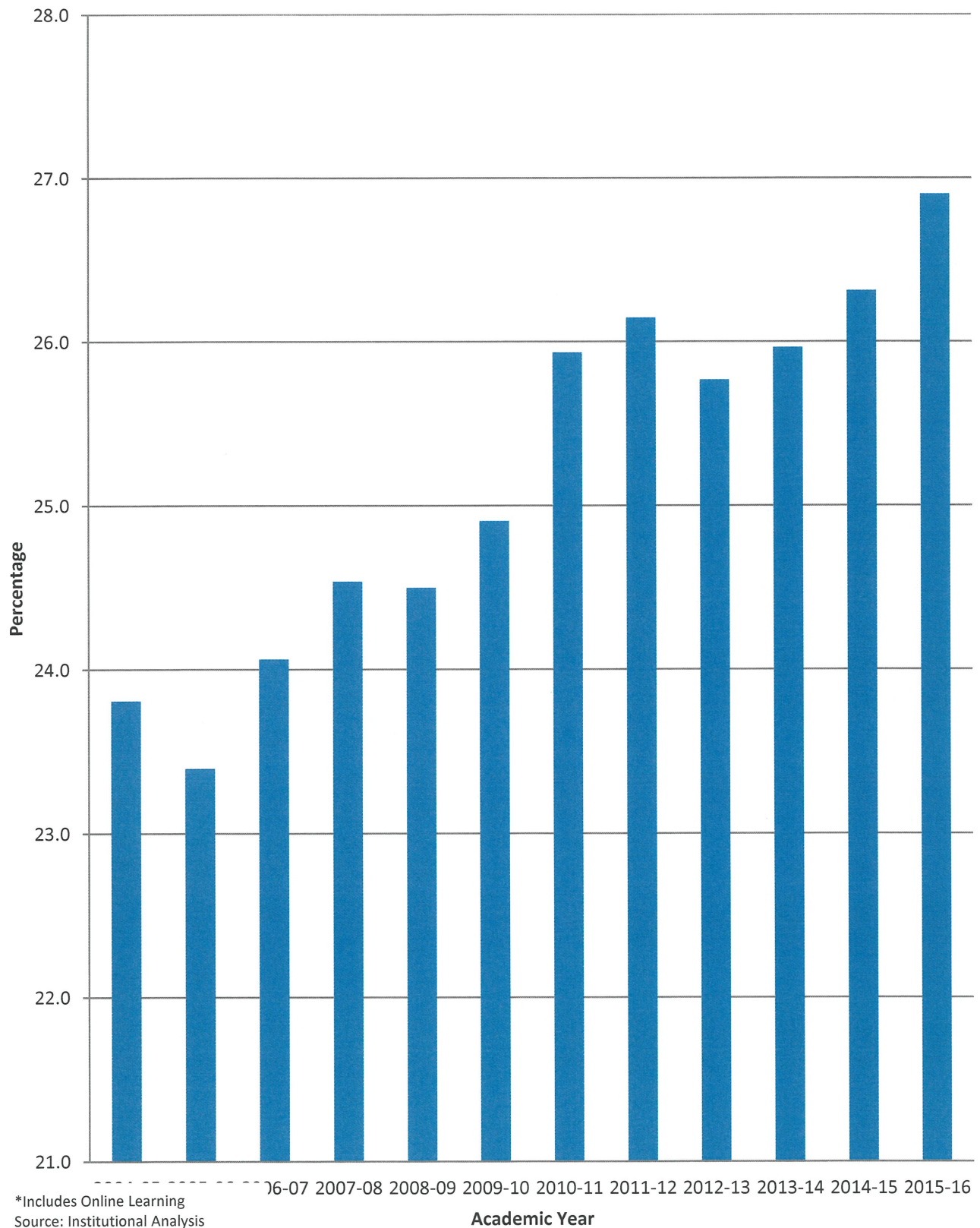
# Michigan Technological University
# Number of Staff*



Headcount (y-axis): 0, 100, 200, 300, 400, 500, 600, 700, 800, 900

Academic Year (x-axis): 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15

# Michigan Technological University
## Undergraduate Enrollment*



Student Enrollment

Academic Year

2004-05 2005-06 2006-07 2007-08 2008-09 2009-10 2010-11 2011-12 2012-13 2013-14 2014-15 2015-16

*Includes Online Learning

Source: Compendium - Institutional Analysis

# Michigan Technological University
# Female Undergraduate Students (%)*



Percentage (y-axis): 0.0, 5.0, 10.0, 15.0, 20.0, 25.0, 30.0

Academic Year (x-axis): 2007-08, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15, 2015-16

*Includes Online Learning
Source: Institutional Analysis

**Academic Year**

# Michigan Technological University
## All Female Students (%)*



Chart showing percentage of all female students by academic year, ranging from about 23.8% in 2004-05 to 26.9% in 2015-16.

Y-axis: Percentage (21.0 to 28.0)
X-axis: Academic Year (2004-05, 2005-06, 2006-07, 2007-08, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15, 2015-16)

*Includes Online Learning
Source: Institutional Analysis

# Michigan Technological University
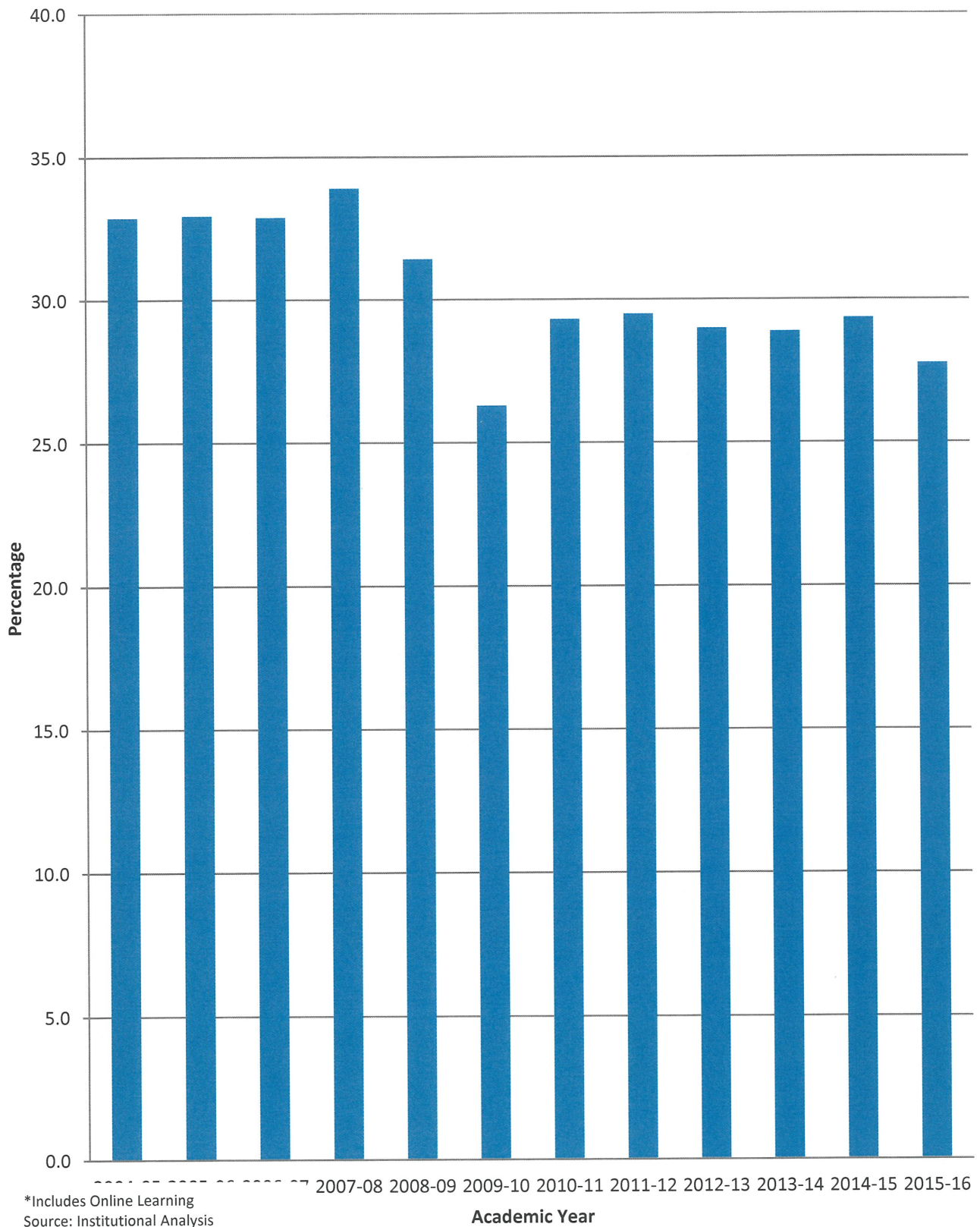## Underrepresented Undergraduate Students (%)*
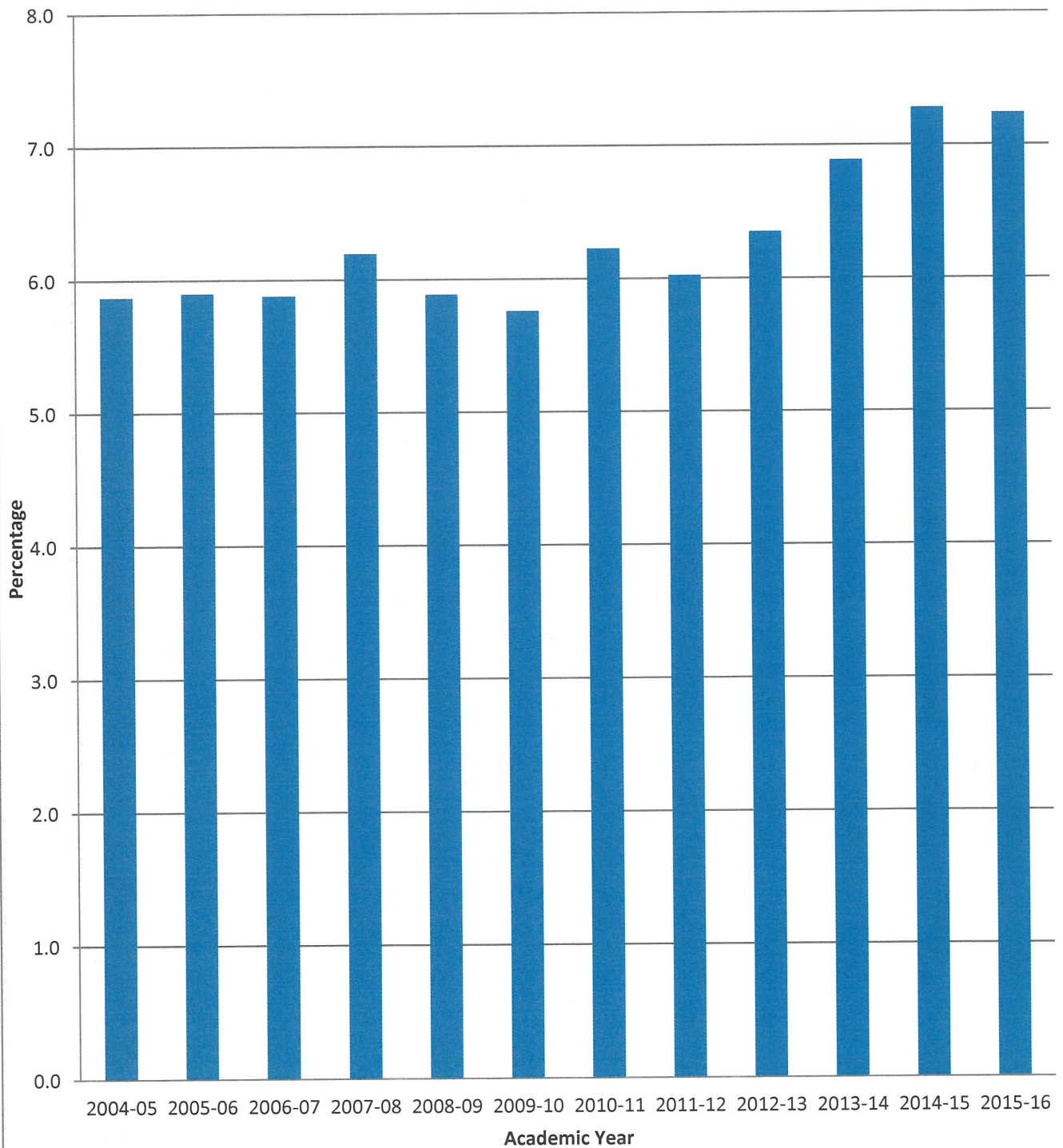


*Includes all American Indian/Alaskan Native, African American, Asian/Asian American, Hispanic/Hispanic American, Multiracial and Pacific Islander students. Includes Online Learning.
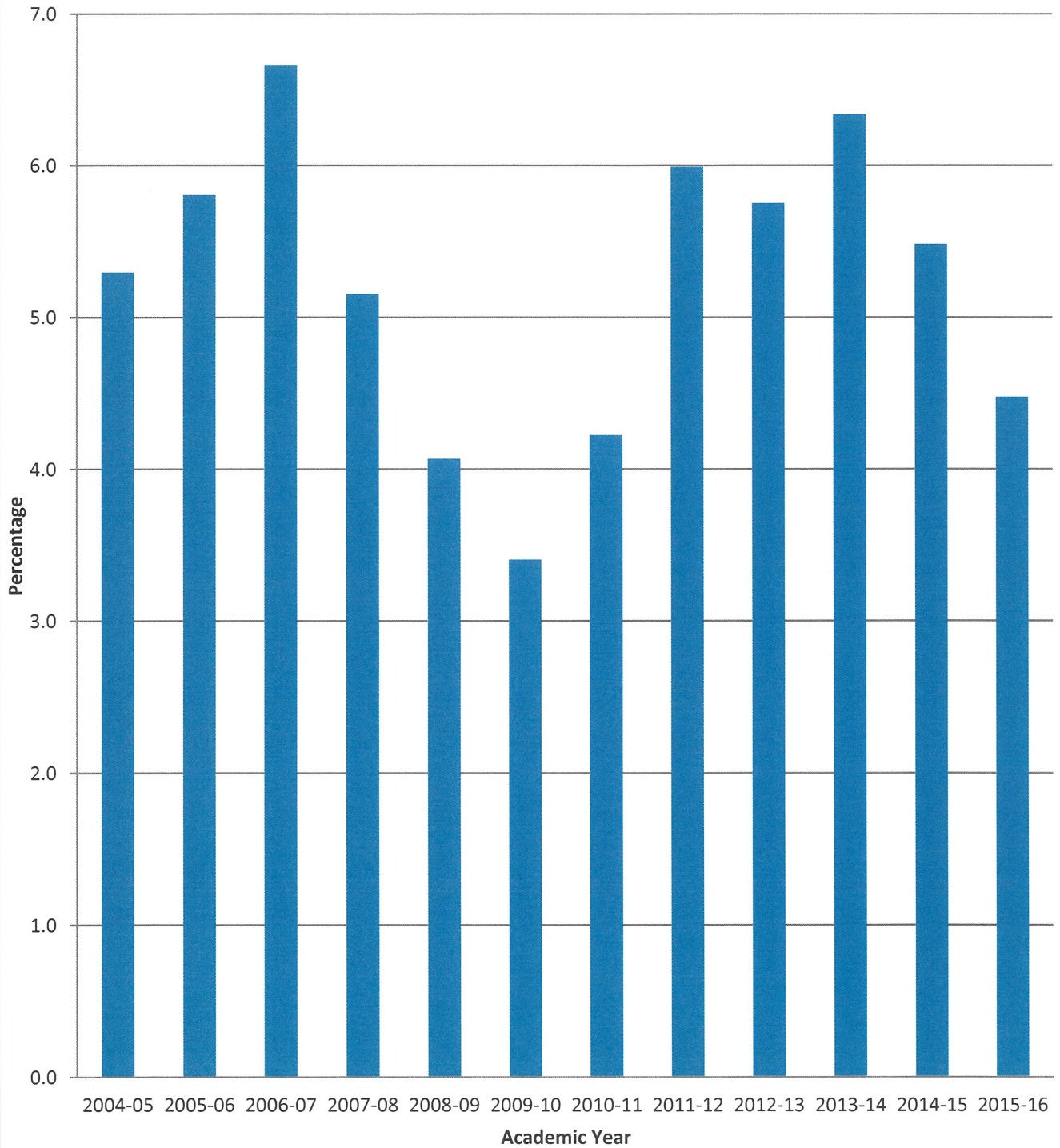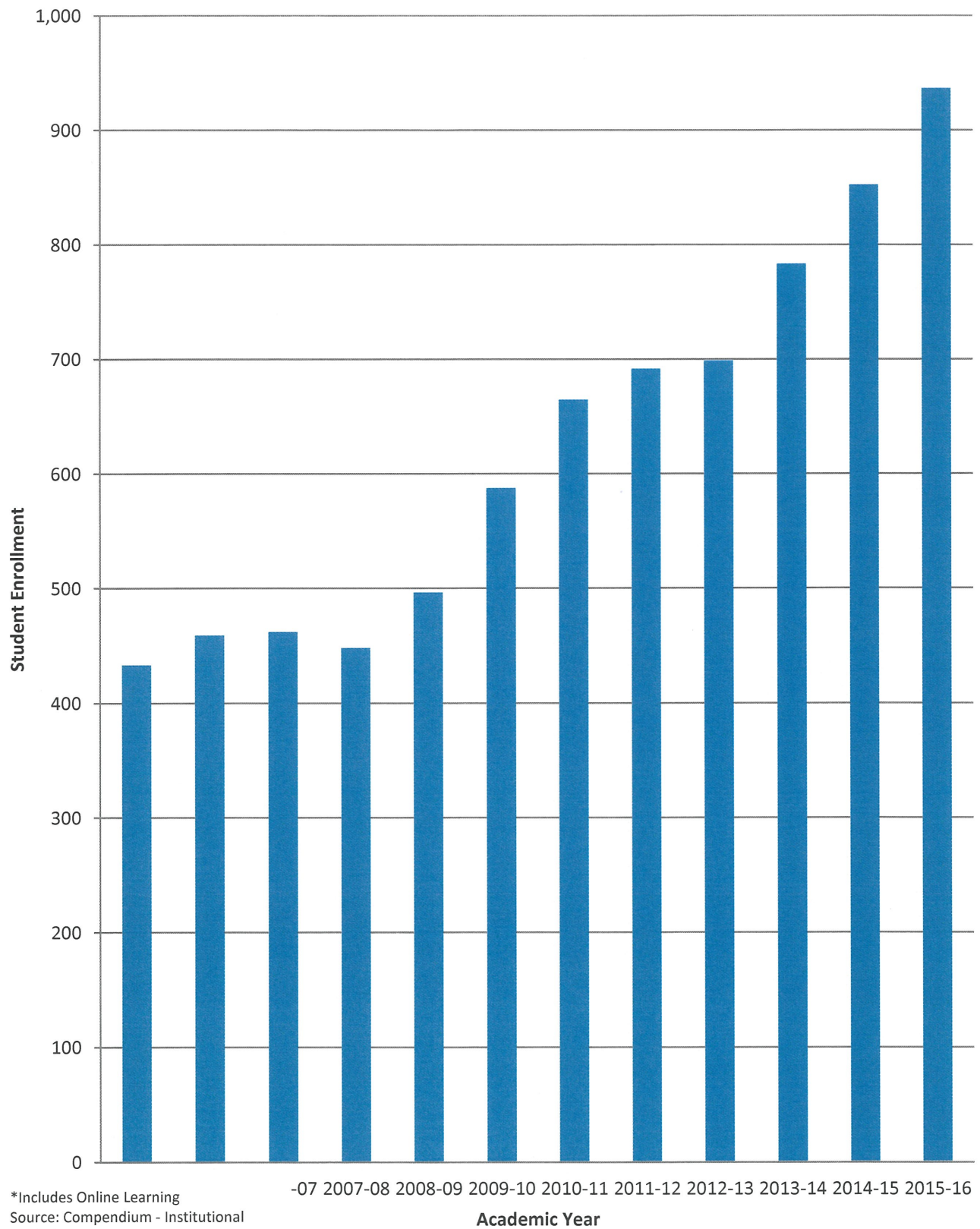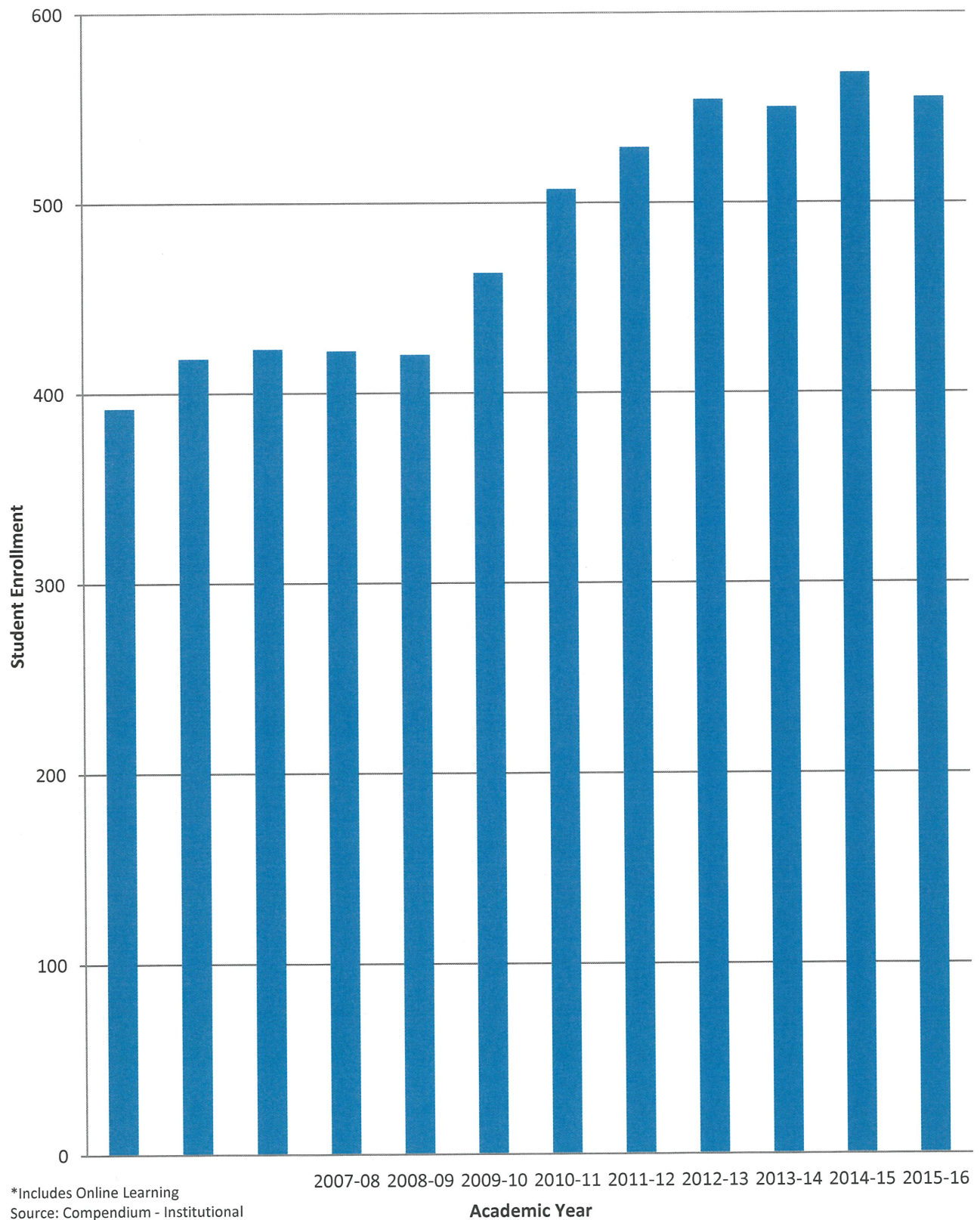Source: Institutional Analysis

**Michigan Technological University
Graduate Enrollment***

*Student Enrollment* (y-axis): 0, 200, 400, 600, 800, 1,000, 1,200, 1,400, 1,600

*Academic Year* (x-axis): 06-07, 2007-08, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15, 2015-16

*Includes Online Learning.
Source: Compendium - Institutional
Analysis
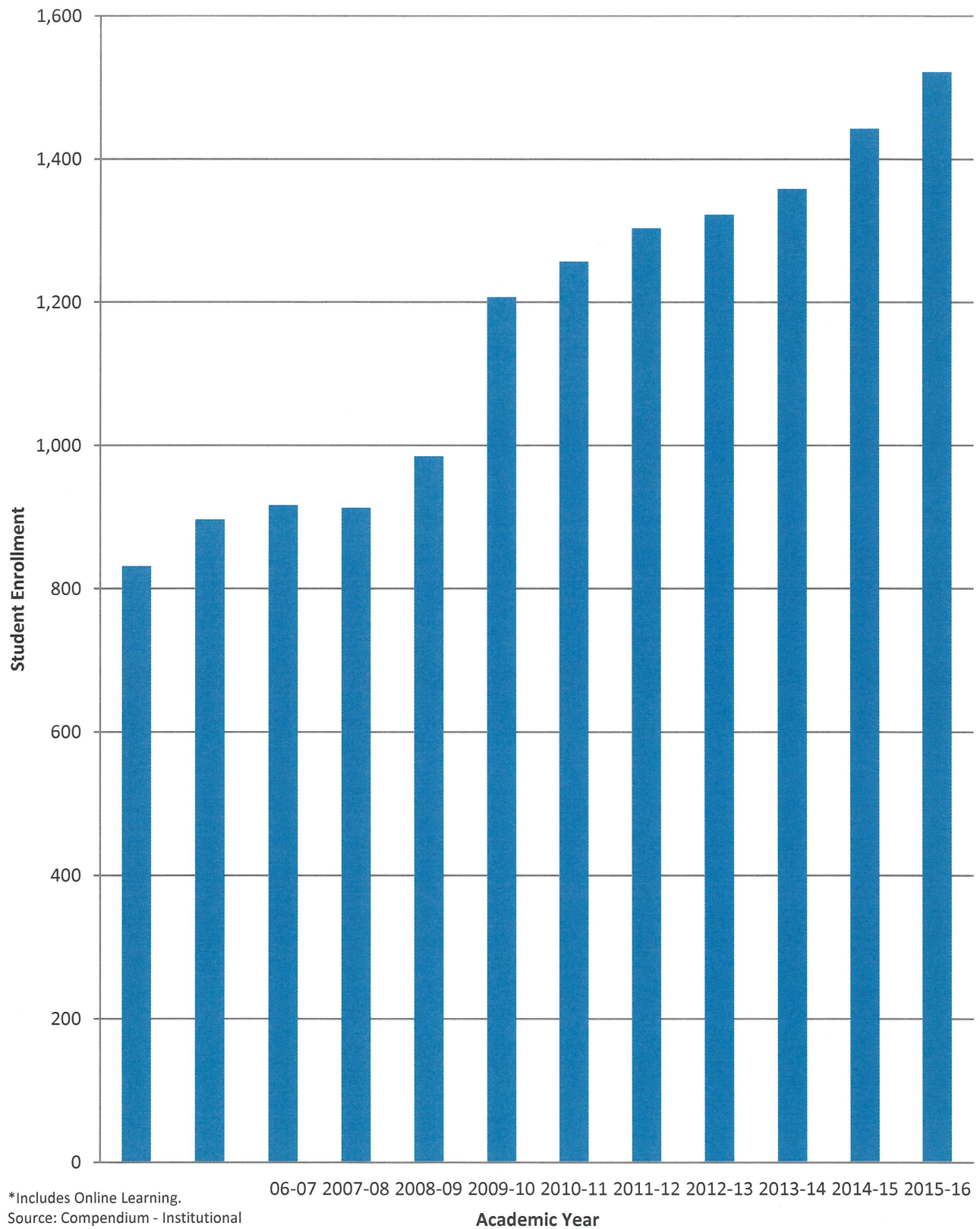
# Michigan Technological University
## Female Graduate Students (%)*



*Y-axis label:* Percentage

*X-axis label:* Academic Year

*X-axis categories:* 2007-08, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15, 2015-16

*Includes Online Learning
Source: Institutional Analysis

# Michigan Technological University
## Underrepresented Graduate Students (%)*



*Includes all American Indian/Alaskan Native, African American, Asian/Asian American, Hispanic/Hispanic American, Multiracial and Pacific Islander students.  Includes Online Learning.
Source: Institutional Analysis

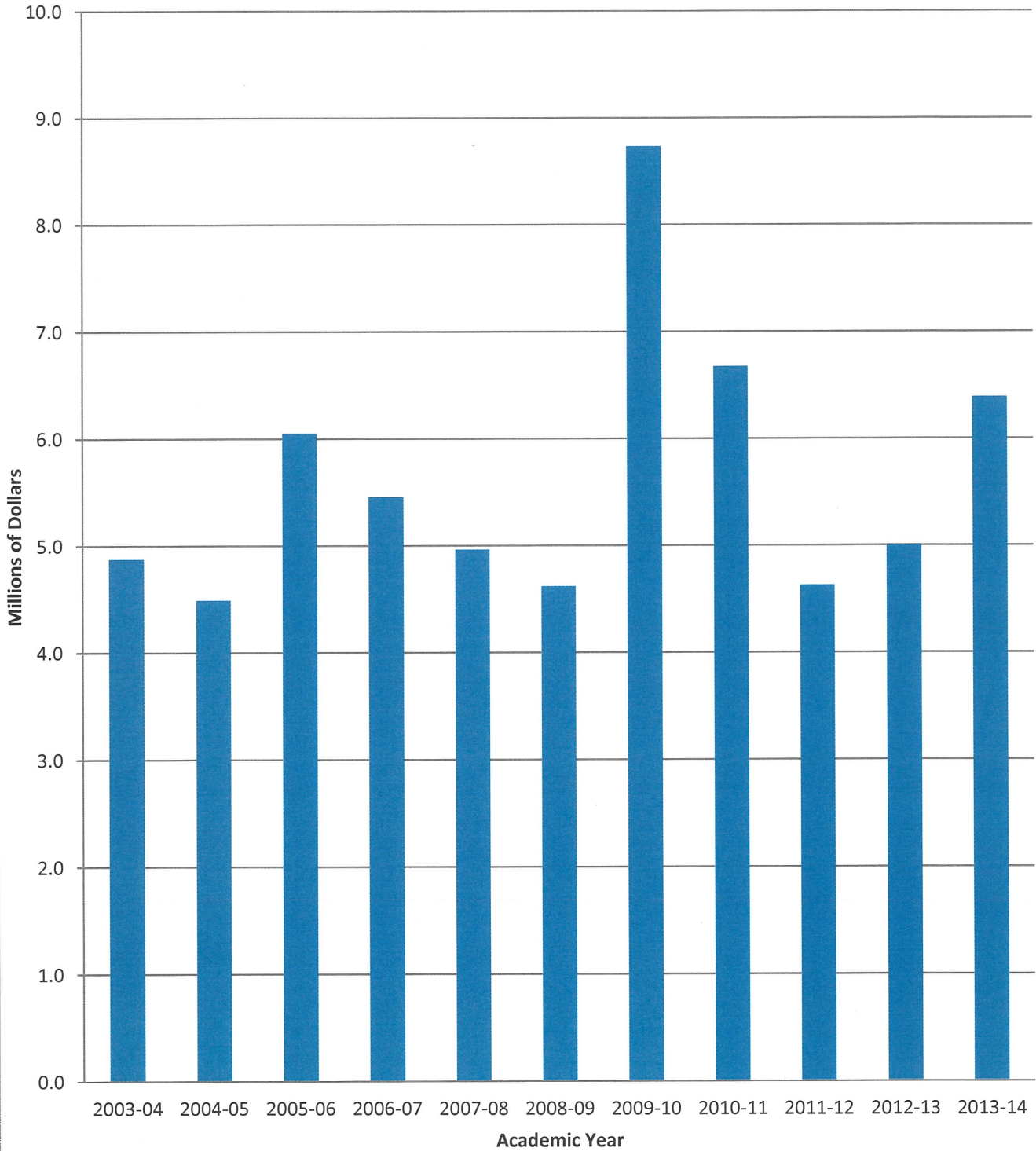# Michigan Technological University
## Masters Enrollment*



Student Enrollment (y-axis, 0 to 1,000)

Academic Year (x-axis): -07, 2007-08, 2008-09, 2009-10, 2010-11, 2011-12, 2012-13, 2013-14, 2014-15, 2015-16

*Includes Online Learning
Source: Compendium - Institutional Analysis

# Michigan Technological University
## PhD Enrollment*



*Includes Online Learning
Source: Compendium - Institutional Analysis

# Michigan Technological University
# External Graduate Support ($ millions)*



*Dollars allocated/budgeted from external sources for graduate stipends, hourly wages and tuition and fees.
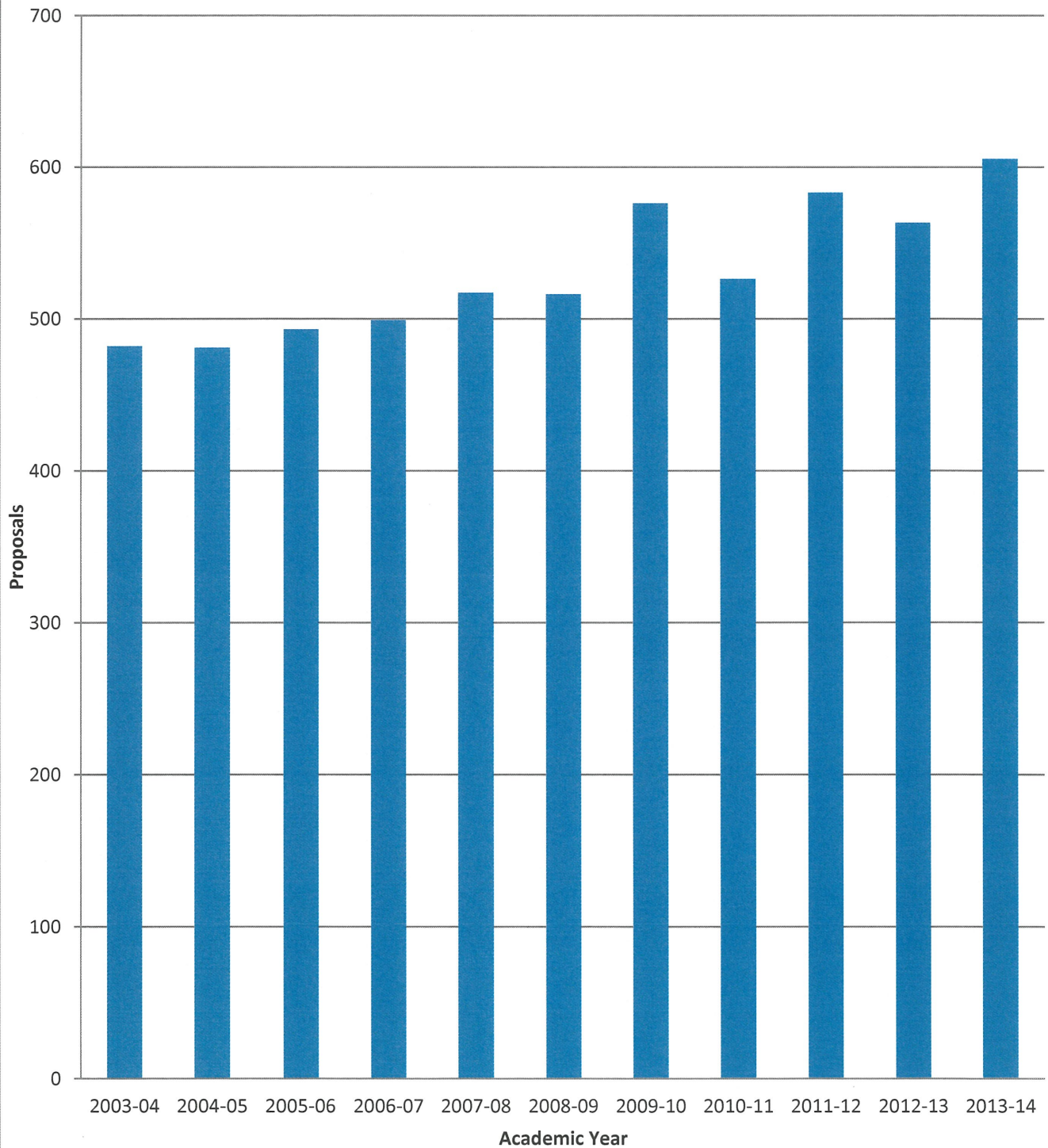Source: Compendium - Institutional Analysis

# Michigan Technological University
# Proposals Submitted (as lead)*
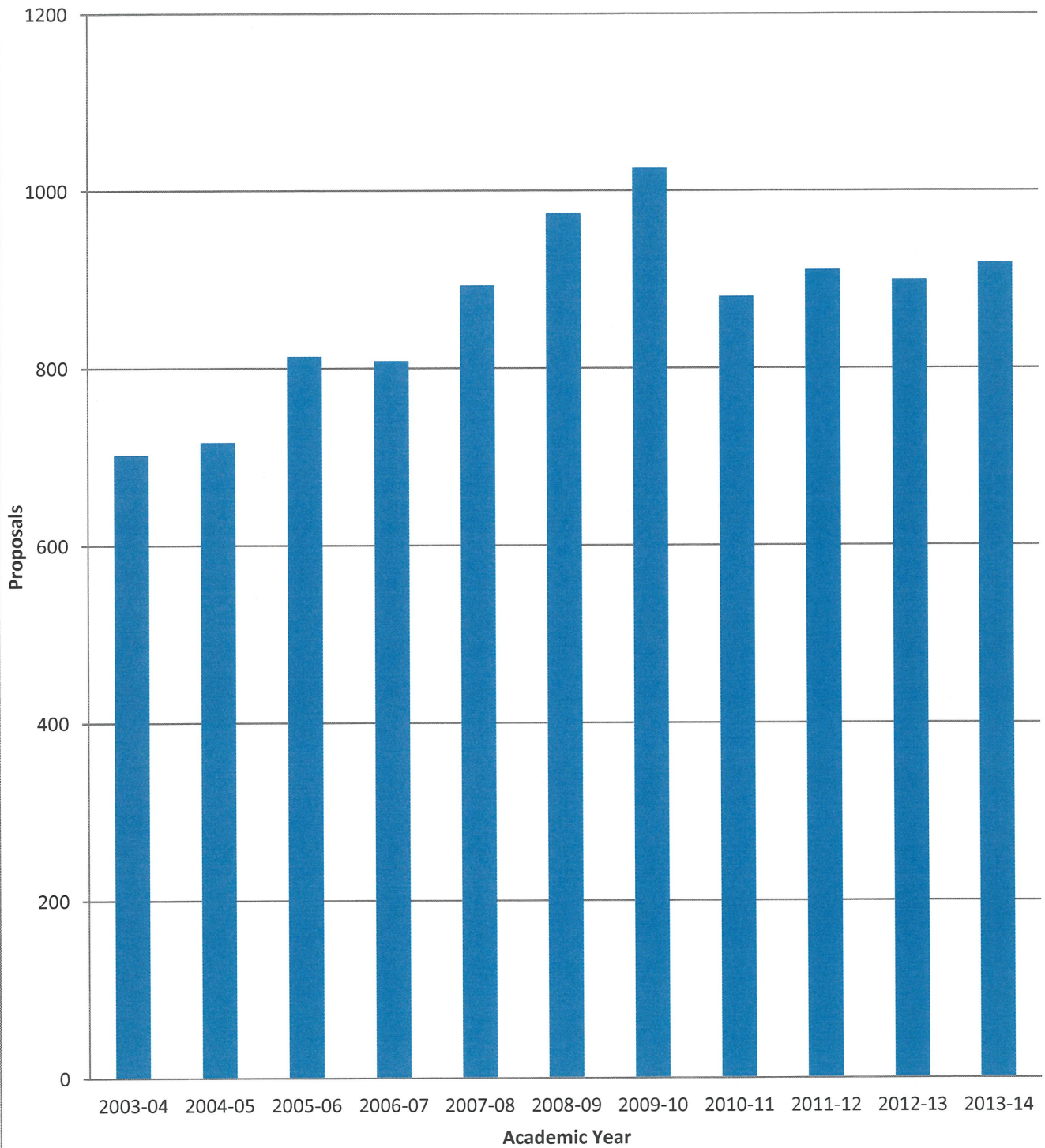


*Number of external research proposals submitted, including new, continuation and supplemental submissions. Does not include Research Excellence Fund proposals.
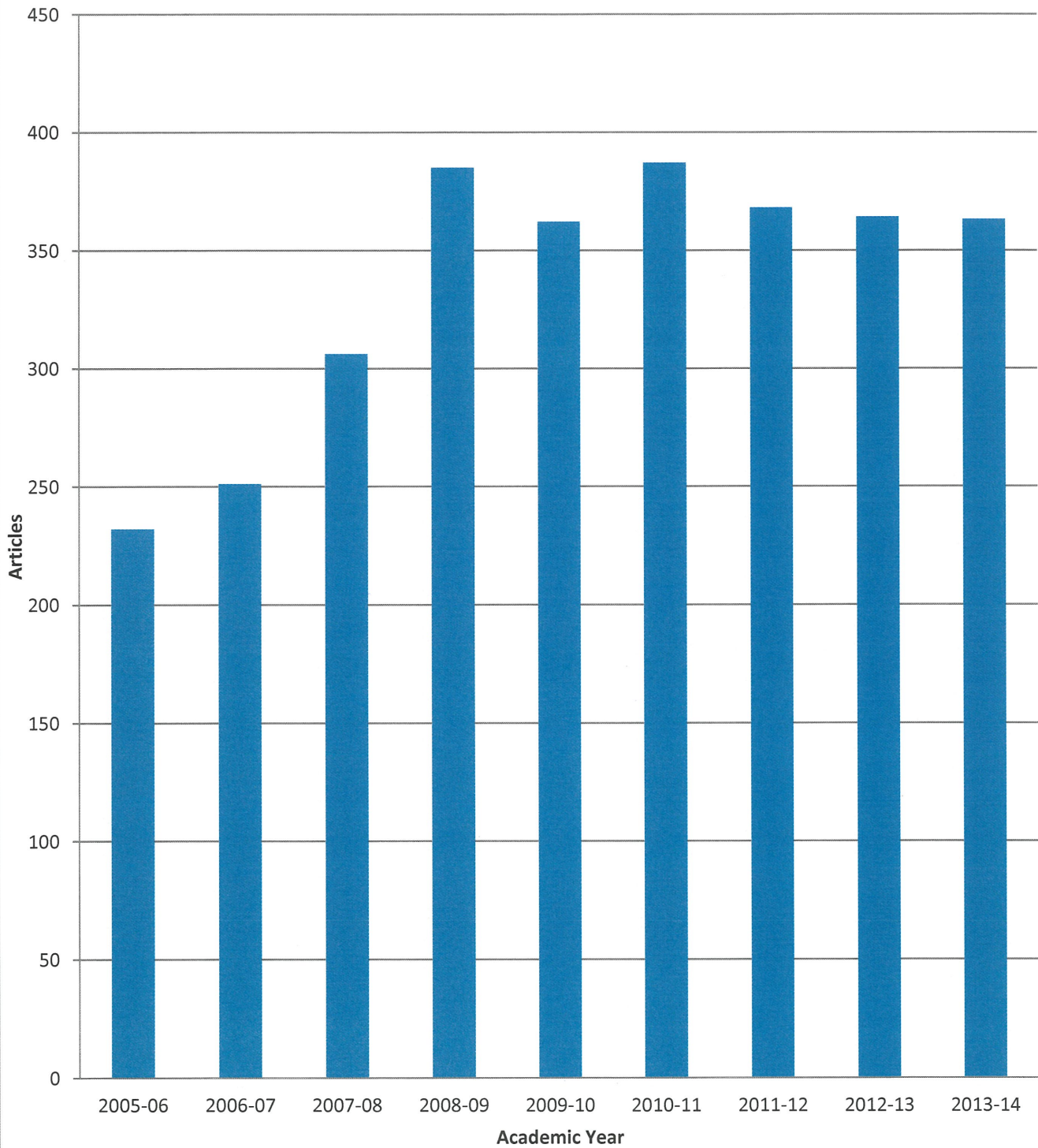Source: Compendium - Institutional Analysis

# Michigan Technological University
## Proposals Funded*



Bar chart titled "Michigan Technological University Proposals Funded*" with vertical axis labeled "Proposals" ranging from 0 to 700, and horizontal axis labeled "Academic Year" showing values from 2003-04 through 2013-14.

# Michigan Technological University
# Peer-Reviewed Journal Articles*



*Number of academic and professional journal articles reported to Digital Measures as published.
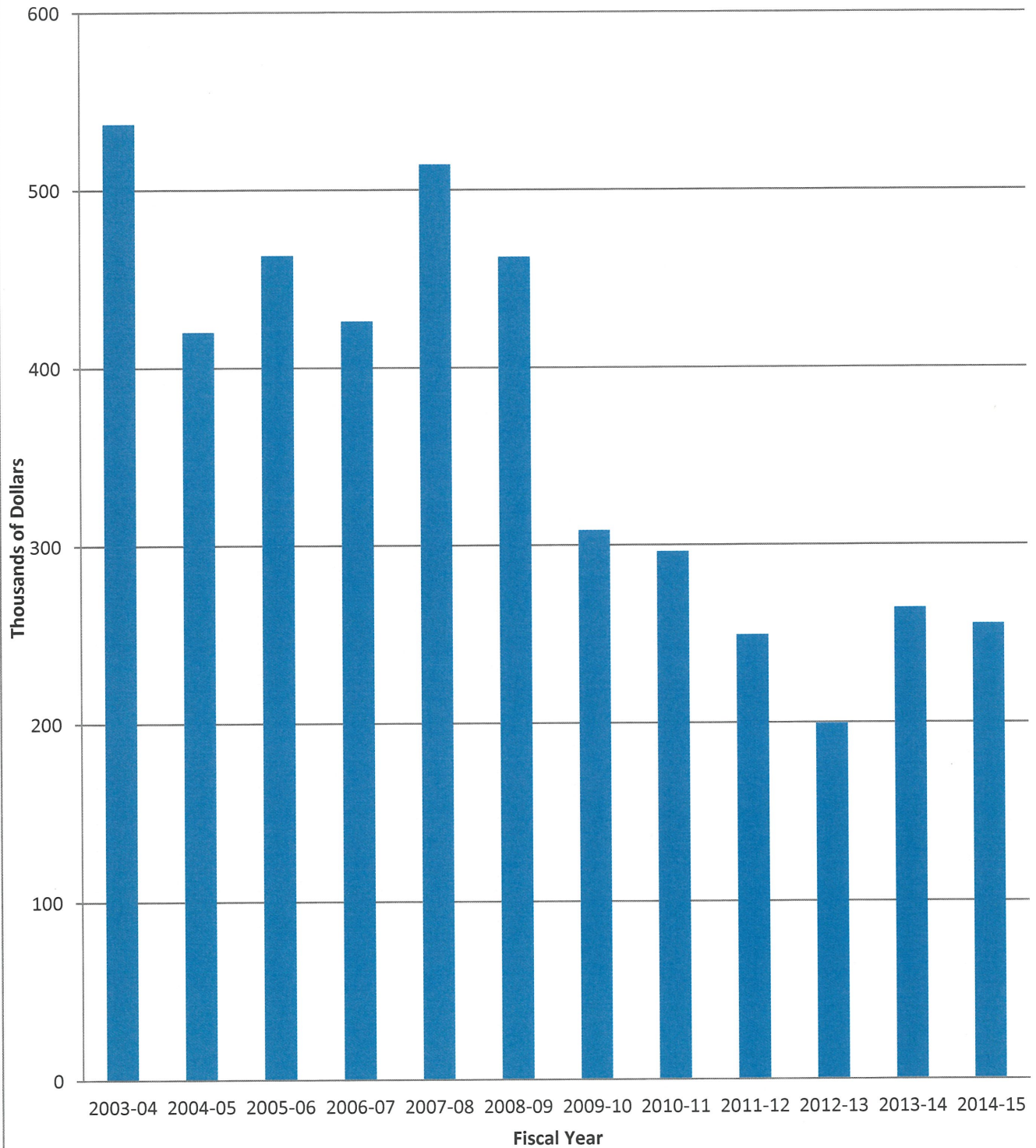Source: Compendium - Institutional Analysis

# Michigan Technological University
# Number of Startups*
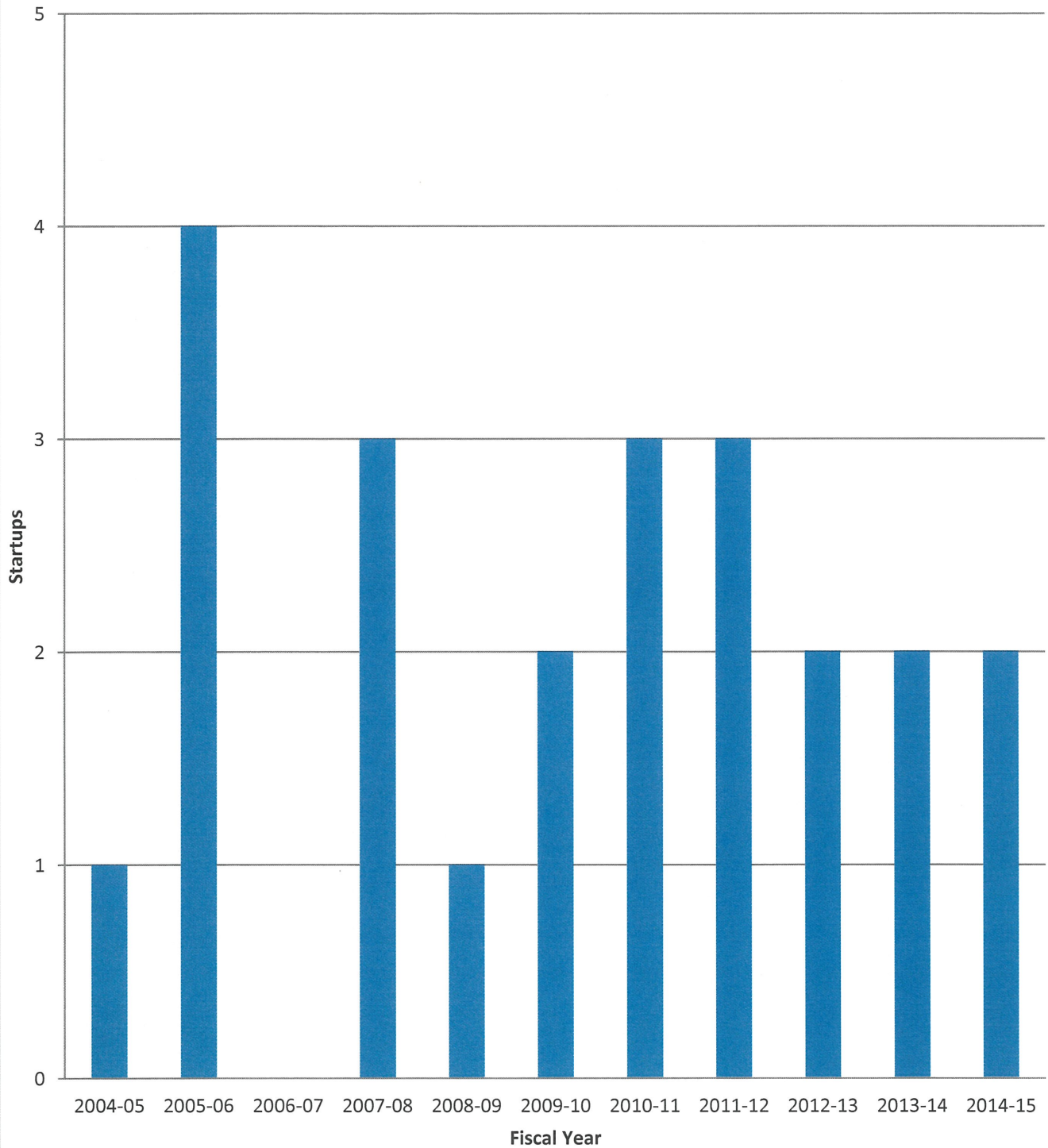


*Number of start-up companies that were formed during the fiscal year that were dependent upon the licensing of Michigan Tech's technology for initiation.
Source: Innovation & Industry Engagement

# Michigan Technological University
# Royalties ($ thousands)*



*Gross royalty revenues received from technology licenses and options.
Source: Innovation & Industry Engagement

# Michigan Technological University
# Invention Disclosures/$10 Million Research

Source: Innovation & Industry Engagement