

Career and Technical Education Advisory Council
Fairbanks North Star Borough School District

Wednesday, February 8, 2017
5:30 – 7:00 p.m.

520 Fifth Avenue
School District Administrative Center
Room 426, Fourth Floor

AGENDA

A. PRELIMINARIES

1. Call to Order
2. Roll Call / Introductions
3. Approval of Agenda
4. Approval of November 9, 2016 Minutes

B. PUBLIC COMMENT ON NON-AGENDA ITEMS

C. REPORTS

1. Perkins Reallocation Data Report

D. OLD BUSINESS

1. Perkins Grant Funded Teacher Professional Development
2. Alaska ACTE Conference
3. Introduction to Trades Classes
4. School to Apprenticeship Applications

E. NEW BUSINESS

1. Perkins Reallocation
2. Internships

F. INFORMATION

1. Budget Discussion

G. CLOSING COMMENTS FROM COMMITTEE MEMBERS

H. ADJOURNMENT

Career and Technical Education Advisory Council
Fairbanks North Star Borough School District

Wednesday, November 9, 2016
5:30 – 7:00 p.m.

520 Fifth Avenue
School District Administrative Center
Room 341, Third Floor

MINUTES

Daniel Domke
Bruce Bell
Heather Christian
Megan Geese
Andrea Gelvin
Dawn Murphy

John Plutt
Eddie Pugliese
Justin Quakenbush
Robyn Taylor

PRELIMINARIES

CTE Director Daniel Domke called the meeting to order at 5:30 pm. Introductions were made around the table.

The agenda was approved as presented. A motion was made by Dawn Murphy to approve the agenda which was seconded by Robyn Taylor. After a discussion of the September 7, 2016 minutes, a motion was made by Dawn Murphy to approve the minutes which was seconded. The minutes of September 7, 2016 were approved.

PUBLIC COMMENT ON NON-AGENDA ITEMS

None.

INTRODUCTIONS

None.

REPORTS

1. Robyn Taylor: Principal HHS. ACTE Career Guidance Award was presented to Steve Ratzlaff at the ACTE Conference in regards to his work with special needs students. She will be meeting with CTE Director Domke to review clusters and school direction.
2. Bruce Bell: Principal BEHS. Reported that they are connecting with NPHS and working on student transportation. He is also working with Eielson Airforce Base and the Red Cross regarding the Pre-Apprenticeship program and updating the Memorandum Of Agreements (MOA's). The counseling staff is working on outreach, tours, and student mentoring. Students have worked with the healthcare clinic and facilities snow shop. He notes some difficulties of working with military due to transitions in / out. Students have been able to work with F16 programs. Red Cross affiliation allows greater access than what could be obtained through the schools.

3. Eddie Pugliese: Gave update on the Carpenters Local 1243. Fourth year apprentices started. Scaffold and safety certifications discussed. Schools invited to attend training to see what it is all about.
4. Justin Quakenbush: International Union of Operating Engineers Local 302 (IUOE). Provided update on Operators apprenticeships starting as well. Classes start during winter / fall due to slower schedule. Discussed type of training covered such as power generation, welding, and hydraulics classes. Most of the training occurs at Palmer station for training; however, they are working on a mechanics program at the Fairbanks Pipeline Training Center (FPTC) in conjunction with the School To Apprenticeship (STA) program. FPTC's role discussed as meeting point for all trades. Operators have been working 16 year with over 100,000 man-hours with no accidents.
5. Dan Domke: Continued discussion on FPTC.
6. Megan Geese: Regional Student Council Member. E-Learning lab as opening door for students in career exploration discussed. Health Careers discussed with expansion of courses to NPHS. NPHS facilities discussed by Domke. Auto program discussed. New facilities discussed. Third shop available in building trades or stem lab.
7. John Plutt: Plumbers & Pipefitters Local 375. Fifth year Apprentices started. Training hours discussed. Diversity in trades discussed in relation to man-hour training. Student tours discussed as equivalent to job site visits. Welding class discussed. Eleven (11) STA awardees are still in the program and doing well with 60 to 65% completing their apprenticeship. Opportunities that apprenticeships provide discussed.
8. Andrea Gelvin: History with school district discussed along with current duties as CPR teacher AHEC affiliation and CGFR volunteer. Facilitates tours with students. Health care apprenticeship opportunities discussed along with challenges in the health care field. HOSA club discussed as it continues to expand across the state and FNSBSD schools. HOSA provides leadership opportunities for students in each school. CNA program discussed in addition to health science cluster expansion across schools.
9. Dawn Murphy: Explore Fairbanks. Certified teachers work for Explore Fairbanks who provide customer service classes. NPHS and LHS are coordinating classes, and Tourism classes are also available through UAF Community and Technical College. Non-Traditional Occupation (NTO) discussed.
10. Daniel Domke: Three of the eight high demand career clusters are represented at CTEAC. AK Trends discussed. Hospitality & Tourism employment leads to successful careers and employment. Highlighted Lathrop High School's building trades program that was featured in the Fairbanks Daily News Miner. Trades graduation discussed. Noted the number of FNSBSD students involved. FY 17 explosion of construction budget discussed.

OLD BUSINESS

1. CTE Strategic Plan – CTE mandate to expand pathways and options across the district. E-Learning initiative discussed. AAPEX courses discussed as an option to take academic classes which opens up ability to take CTE courses. Four hundred (400) students signed up for classes. Programs of study explained.
2. Long Range Discrimination Radar discussed along with work with Lockheed Martin and careers that are opening up. STEM pathways discussed. F35 maintenance to be privatized leading to new programs of study.

NEW BUSINESS

1. PERKINS: Federal Pass Through Grant. Teacher professional Development discussed. CNA program discussed in coordination with UAF / CTC. Private school allocation for CTE needs. Professional development supports teachers such as HHS teacher, Peter Daley, who was noted as

an industry expert in welding and inspecting. Qualified teachers allow high school students to leave their programs of study with industry certifications. Perkins also used to update equipment such as the meatal shear and band saw for the NPHS remodel.

2. ACTE Conference: This conference combines teacher professional development with industry professionals and schools with CTE across the state. This year's conference includes NCCER training; drones / unmanned aerial courses; and apprenticeship tour of: Plumbers, IBEW, Sheet metal, and Ironworkers. Apprenticeship panel discussed. Union apprenticeships are growing across the state. STA Program discussed. Successes and challenges discussed. Thirty-four (34) students selected into apprentices accepted through STA program. Intro to Trades classes discussed. Expansion of STA to outside districts discussed.
3. INTRO TO TRADES: Classes discussed. Offered to Juniors and Seniors second semester. We added an Introduction to Building Trades class which will be taught by Alaska Works with a FNSBSD teacher this year. Construction Education Foundation (CEF) for high school discussed. Unions, FPTC, and CEF continued support allowed these courses to be offered again this year. Information on these courses are available on the CTE Website. Competition and caliber of students increasing as program continues.
4. STA discussed. Most students selected into STA have taken an Introduction to Trades course. Process discussed. Success stories discussed along with challenges.

INFORMATION

1. ESSA – Discussed new education act and history. No Child Left Behind Act discussed. Workforce shortage discussed. CTE became a component of federal law. Waiting to see how new act affects CTE along with academic classes. CTE is a critical component of public education and career exploration and program of study. Four areas of focus:
 - a. Recruiting quality teachers is the biggest challenge: Education degrees, college completion discussed.
 - b. Career Readiness accountability: Not every student goes to college, and it acknowledges employer needs.
 - c. Career Explorations highlighted.
 - d. Academics & CTE combined – WorkKeys discussed.

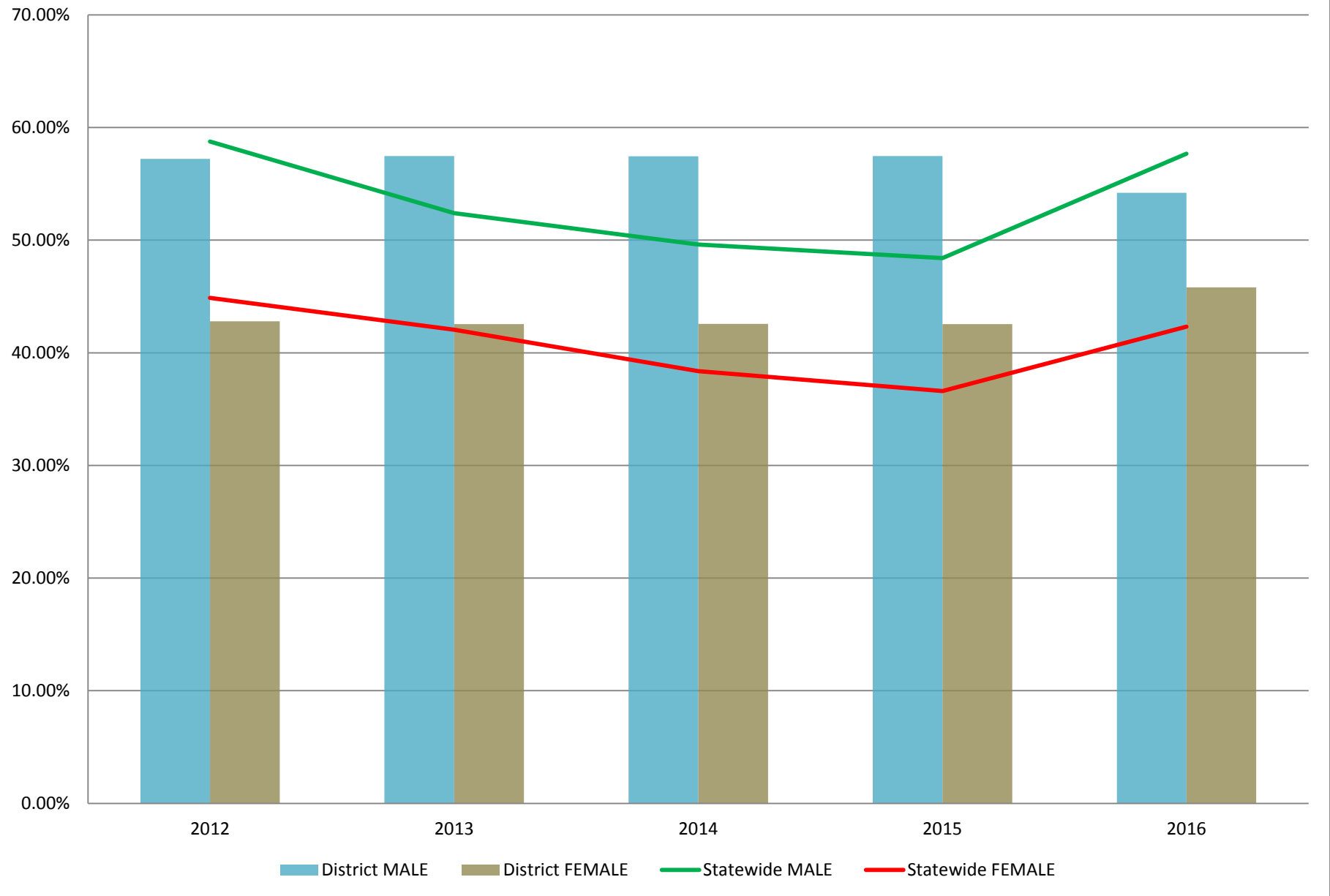
CLOSING COMMENTS FROM COMMITTEE MEMBERS

John Plutt – discussed STA deadline. John Plutt and Eddie Pugliese are available to present to classes.

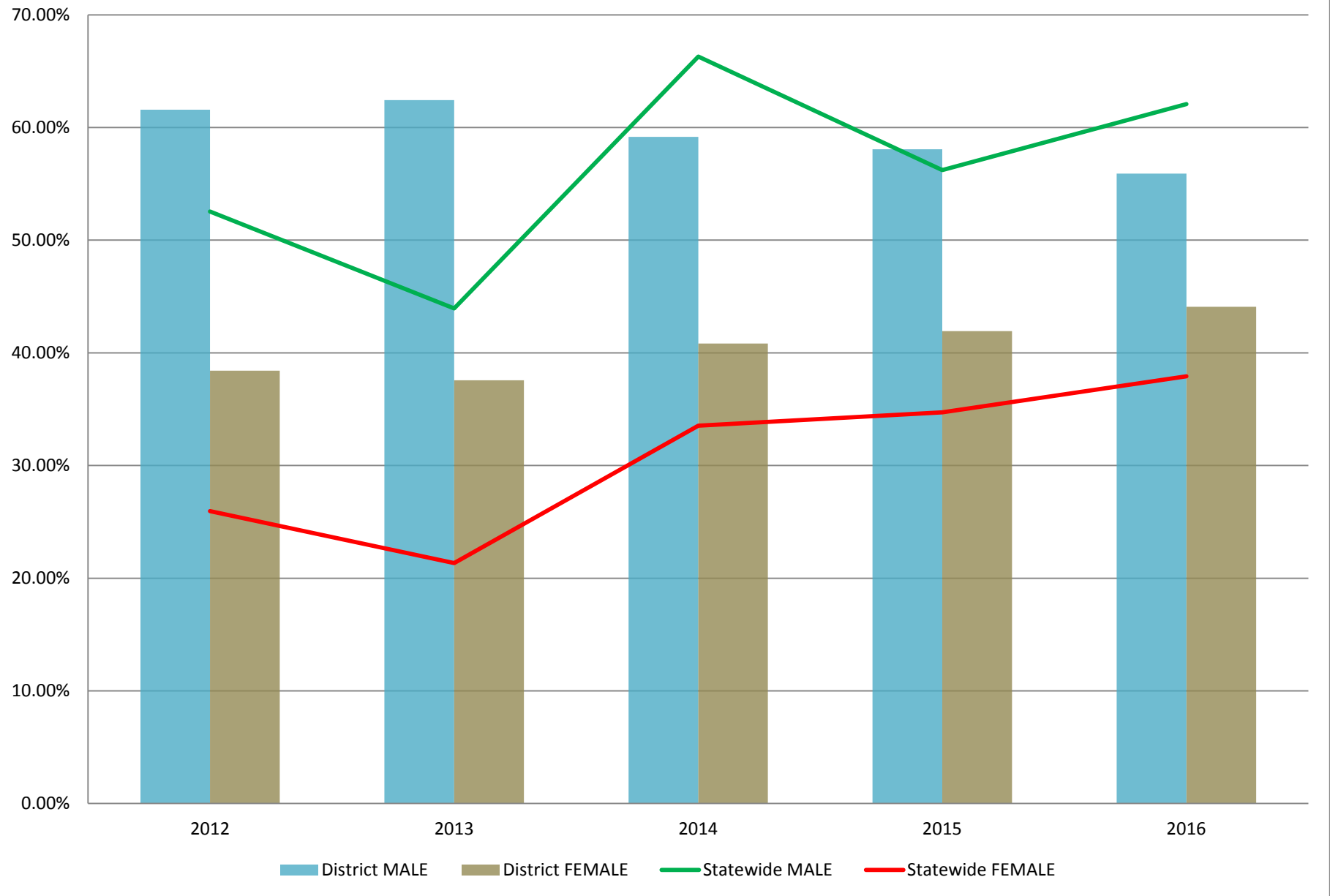
Quakenbush – GPA discussed in relationship to Introduction to Trades class and STA. Number of students discussed for each opportunity. Time commitment discussed.

ADJOURNMENT at 6:55 PM.

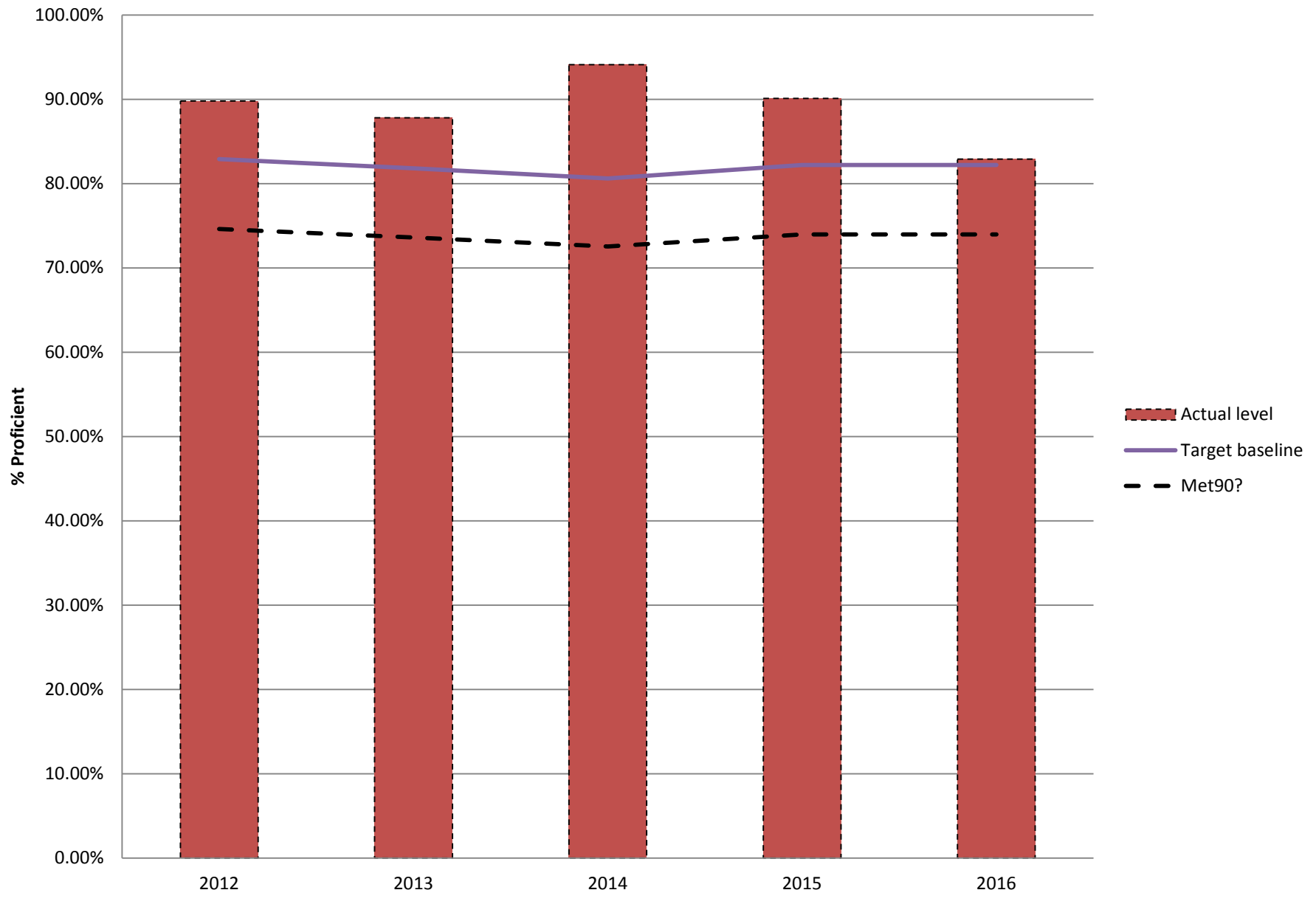
District vs. Statewide CTE Participation by Gender



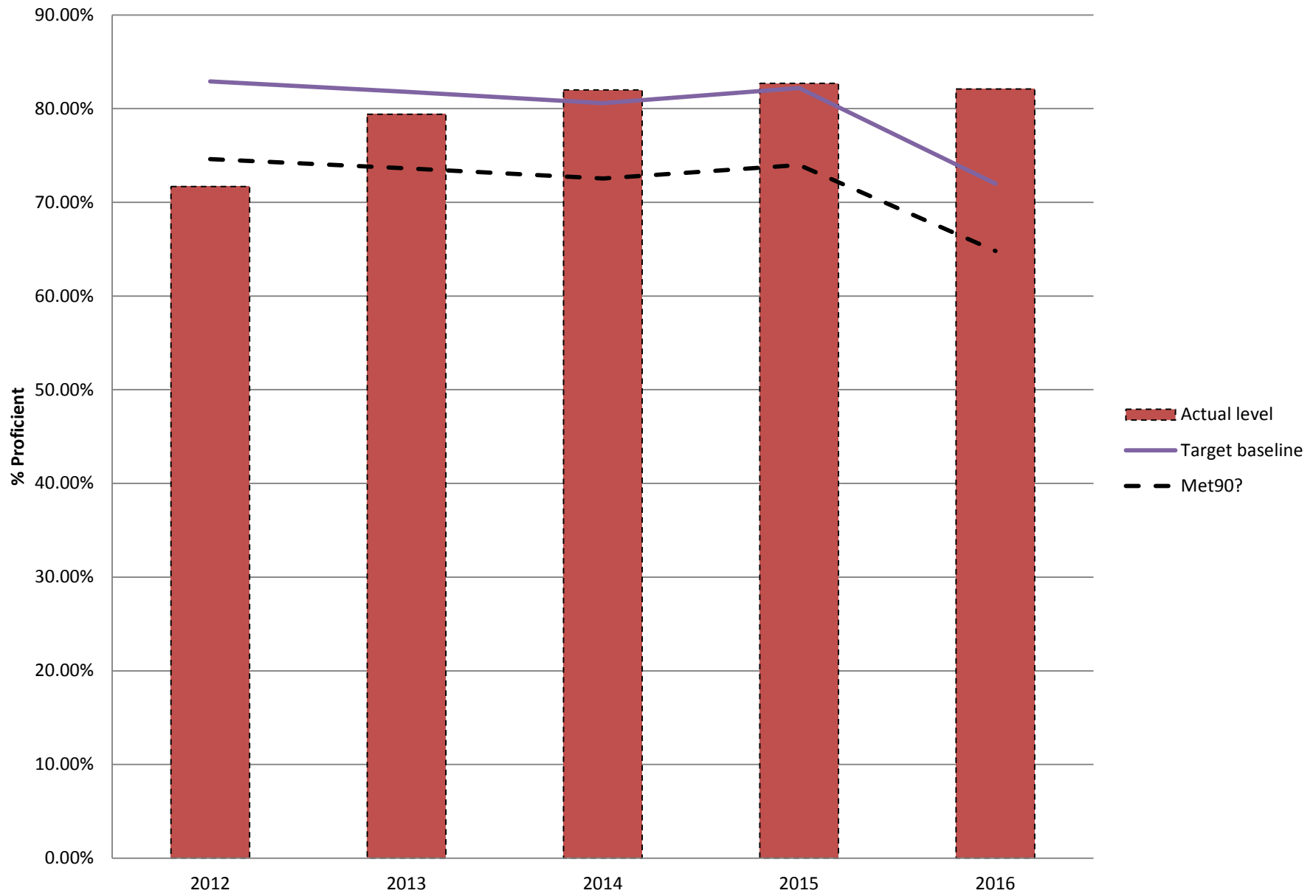
District vs. Statewide CTE Concentrators by Gender



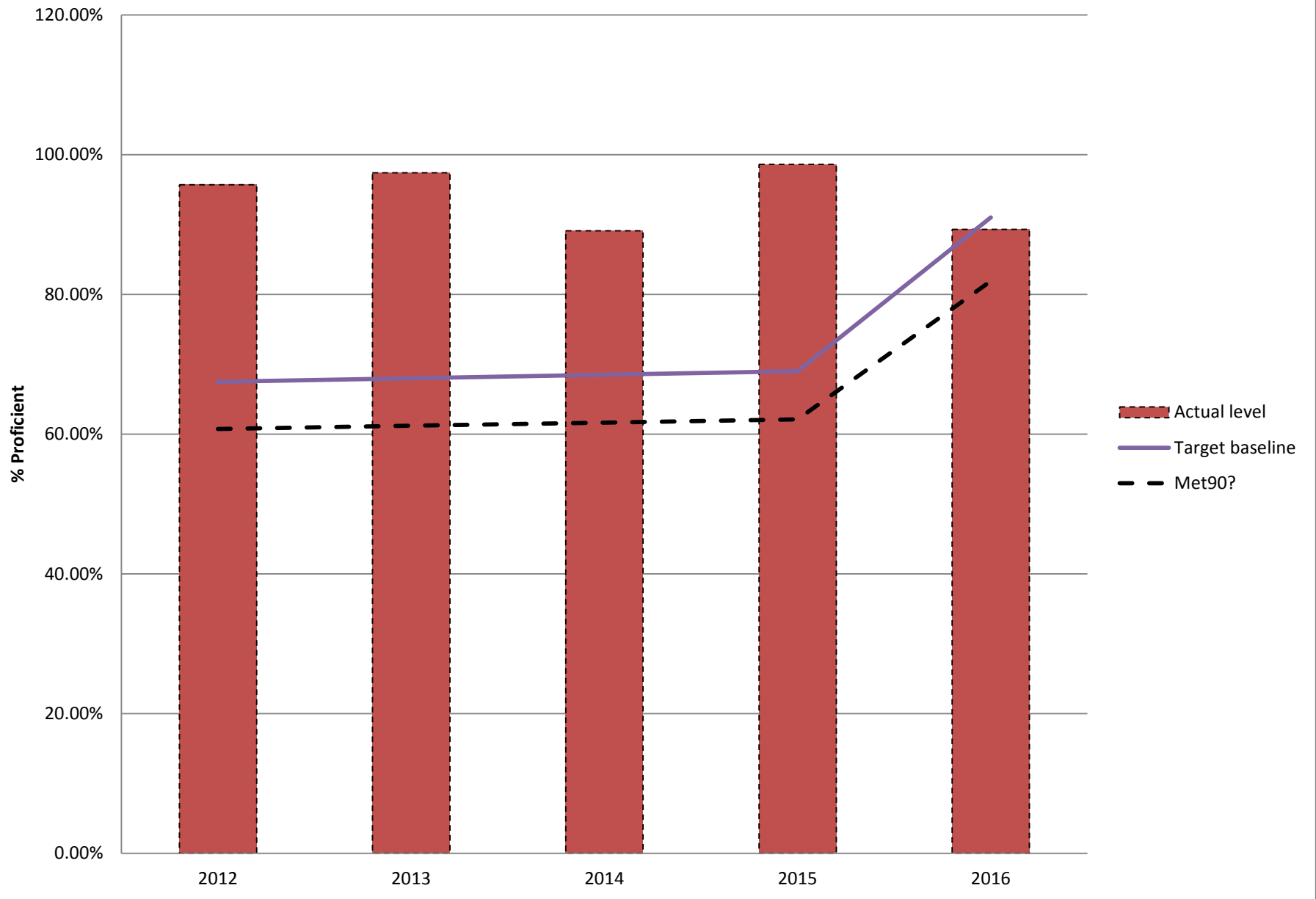
ELA Academic Skill vs. Target Basline over Time (1S1)



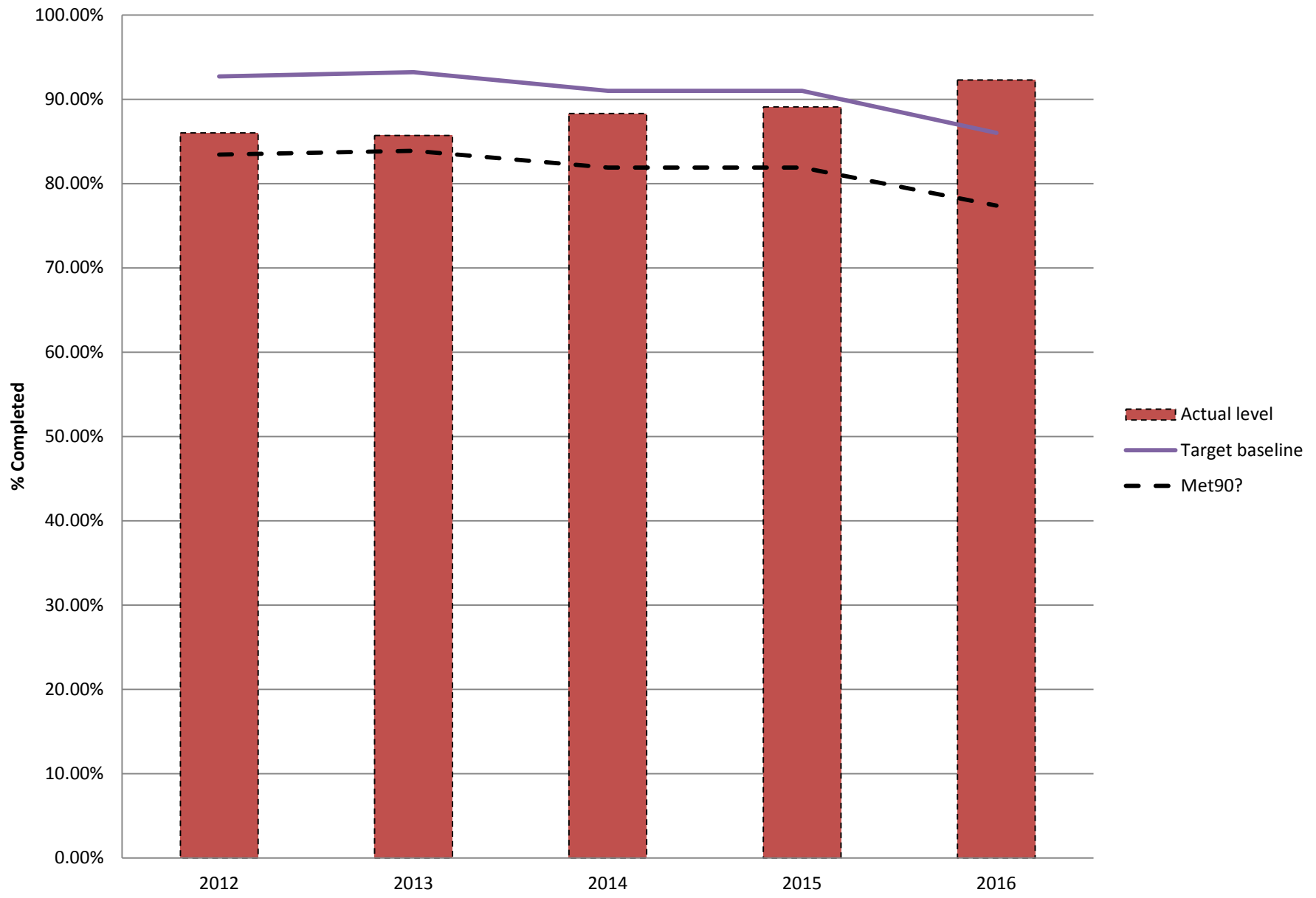
Mathematics Academic Skill vs. Target Baseline over Time (1S2)



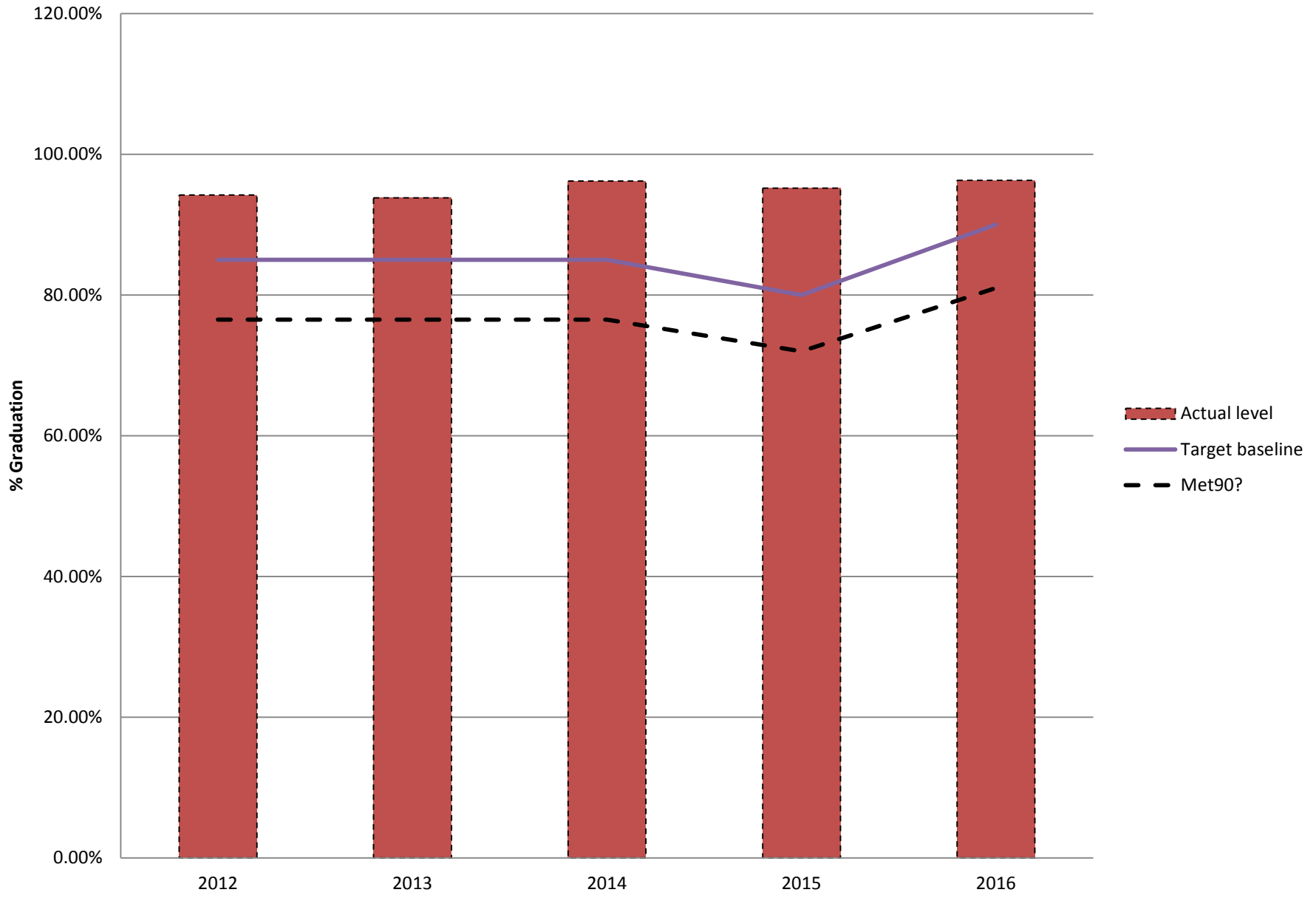
Technical Skill Attainment vs. Target Baseline over Time (2S1)



High School Completion vs. Target Baseline over Time (3S1)



Graduation Rate vs. Target Baseline over Time (4S1)



Student Placement vs. Target Baseline over Time (5S1)



Nontraditional Students vs. Target Baseline over Time (6S1)



Nontraditional Completion Rate vs. Target Baseline over Time (6S2)

