

Waikanae School

Supplementary Tests in Reading Achievement

STAR 2017

Achievement Results with Student Performance being compared to National Norms,
with Progress Measures for Target Groups,
Indicative National Standard Results for Years 6, 7 and 8 and
Equivalent End of Year Performances for Years 4,5,6,7 and 8



About this Assessment

- STAR Stanines enable a student's achievement to be compared against National Norms. They also enable teachers and parents to compare student performance across cohort groups.
- Stanines and their associated test scores have been scaled and 'normed' to fit the '*Bell Curve of Normal Distribution*'.
- This test became available in its current form to schools in 2012.
- This test has been updated and this is the seventh year that it has been available to schools in this format. It assesses a student's reading ability over a number of components. The various components within the test are....
 - For all Year 3 to 8 students: Word Recognition, Sentence Comprehension and Cloze Activities
 - For all Year 4 to 8 students: Paragraph Comprehension and Vocabulary Range
 - In addition, for Year 3 students: Synonyms
 - In addition, for Year 7 to 8 students: Language of Advertising and Writing
- This test provides excellent insights into the next steps for learning and teaching.
- As the NZCER have supplied the Scaled Score match to National Standards we are able provide the Indicative National Standards grades of Well Below, Below, At, and Above for Years 6 to 8. This has been treated as an end of year (EOY) summative assessment for 2017 due to the fact that students still have 10 months of learning to undertake in their relevant Year Group.
- As a result of these NZCER Scaled Score Matches we are also able to supply Comparisons to Equivalent Year Group End of Year Performance. It is important to note with this graphs that students still have 10 months of learning to get to the appropriate Year Level Performance
- NZCER have now provided schools with an expected (National Average) rate pf progress from one year to the next as measured by scaled scores. This enables us to track the progress of cohorts of students against both the national expectation as well as other cohorts of interest within our school. Importantly in order for this to happen students **must** have undertaken the assessment twice so that the differential can be calculated and progress of individuals and cohorts can then be analysed.

N.B. NZCER = New Zealand Council for Educational Research (The developers of this assessment tool)

2017 STAR Achievement Summary

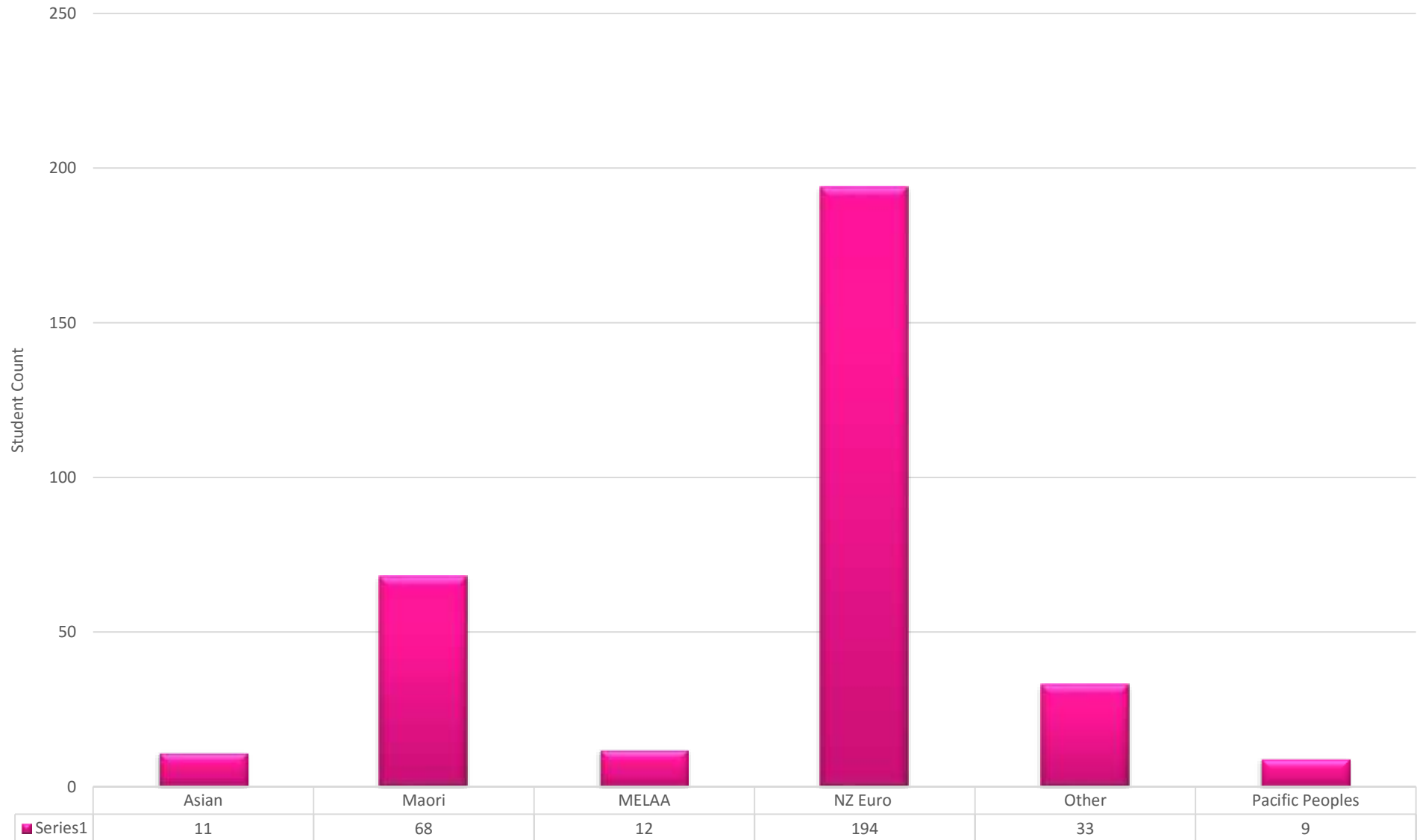
1. **Overall performance** across the school is **above National Norms**. We have **69%** of our students at or above Stanine 5. (Norm =60%). This performance is 9% above the National Norm.
2. Overall **performance trends up** over the five year groups, beginning at 57% in Year 3 and finishing at 95% by Year 8.
3. In comparison to National Norms **our ‘tail’ is small**. The tail being the 18% students with Stanine Result 1, 2, or 3 (Norm= 23%). This performance is 5% better than the National Norm.
4. **Maori Performance is above National Norms but is behind other ethnic cohorts within the school**. We have 63% of our Maori students at or above Stanine 5 (Norm =60%). This performance is 3% above the National Norm for all ethnicities.
5. **Pacific Peoples are slightly below National Norms** with 56% of students at or above Stanine 5 (Norm =60%) This performance is 4% below the National Norm.

It is important to note that this group contains only 9 students or 3% of the test population and 3 of these students are in Year 3.

6. Indicative National Standards results show that **83% of students in Year 5, 6, 7 and 8 are ‘At or Above the Standard’** when the results are interpreted as summative assessment for 2017. See page 21.
7. **Results over time remain consistent** for reported ethnic cohorts. See page 11.
8. **All cohorts have made pleasing progress** from one year to the next. (See *Equivalent Year Group* Graphs on pages 15-20.)
9. The rates of progress as measured by **Scale Score show that Maori, Pacific Peoples and NZ European are very similar**. There is no apparent ethnic achievement deficit. Maori have made the most progress in 12 months (15.65 scaled score points) while Pacific Peoples made the least at (9.0 scaled score points).
10. When looking at progress as measured against a percentage of expectation (100% being 1 year’s progress in 1 calendar year) **NZ European exceed Maori by 6.6% points. Both cohorts exceed expectation.**
11. The **Reading Target Group has made excellent progress**, 11.33 scaled score points or 117.3% to expectation. It is important to note that every student in this group was either Well Below or Below the National Standard in Reading on 31 December 2015.
 - a. There were 29 students who undertook both assessments in (PATs in March 2016 and March 2017). Of this group the following statements can be made
 - i. 18 Students have made accelerated progress
 - ii. 7 students have made accelerated progress at more than 150% of expectation (18 months’ progress in 12 calendar months)
 - iii. This improvement is also reflected in OTJs for Reading with 13 of the 29 students now reading at the National Standard (31 December 2016)

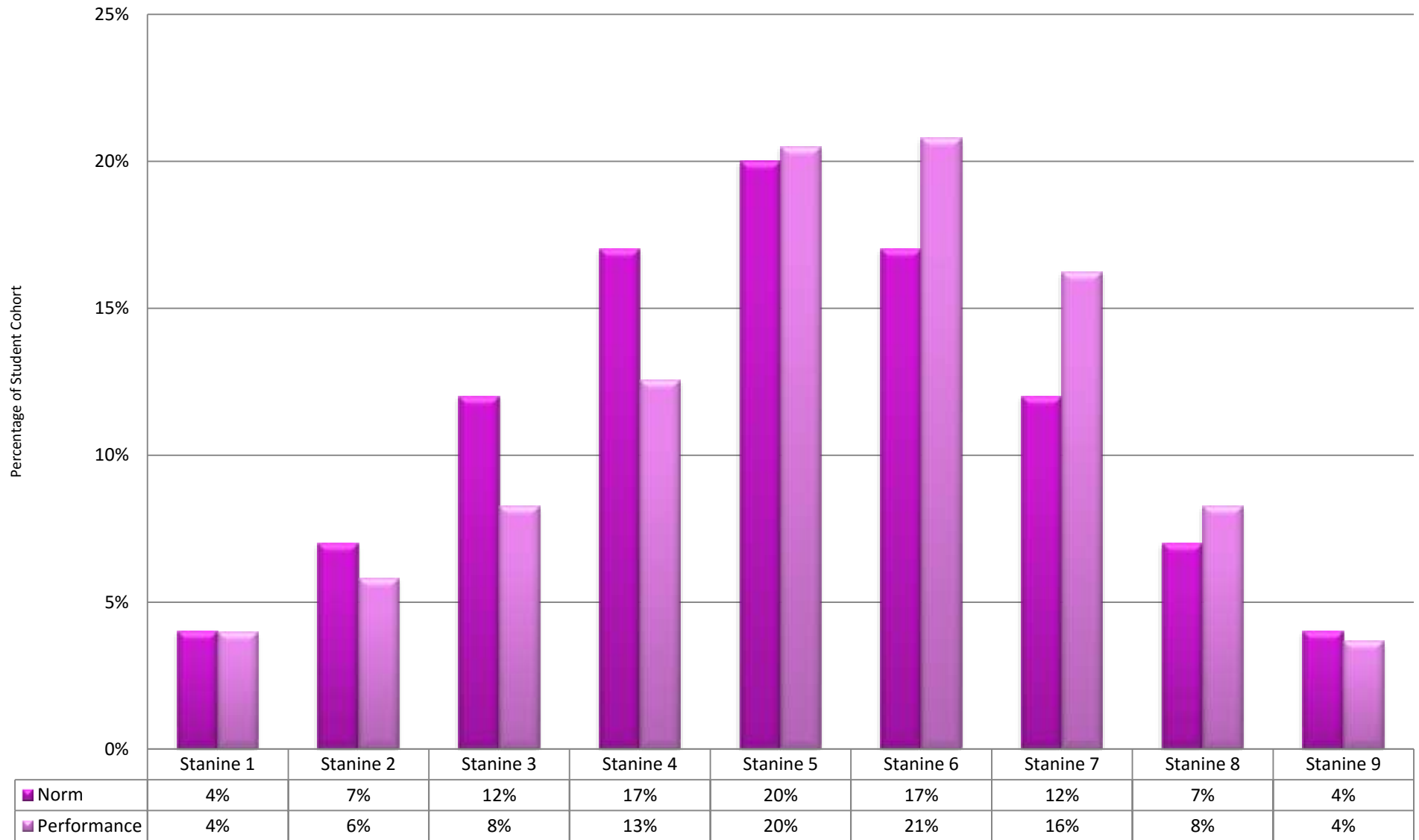
STAR 2017

Count of Students by Ethnic Group 2017



STAR Reading for All

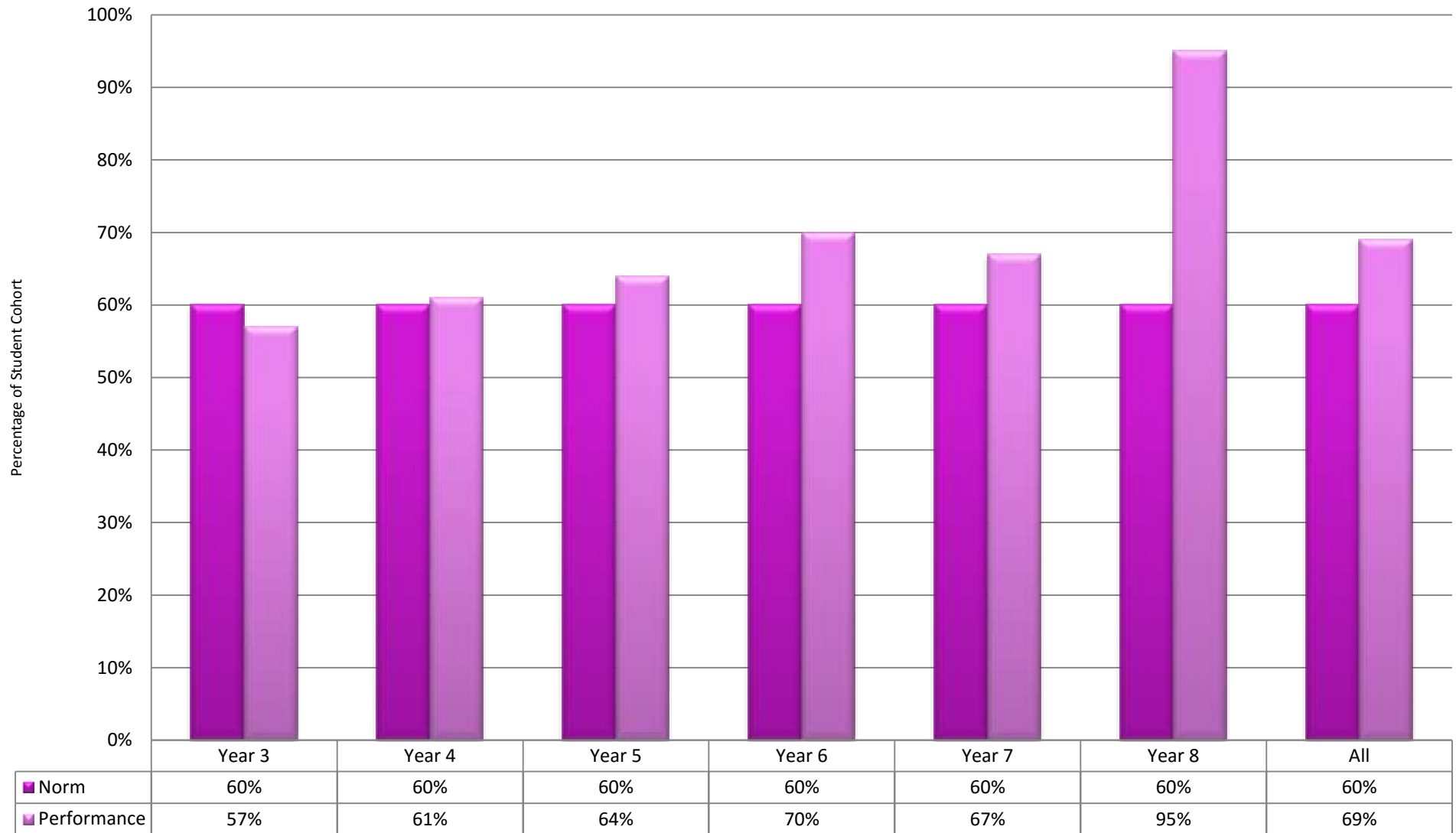
February 2017 Stanines Comparison to National Norms



STAR Reading by Year

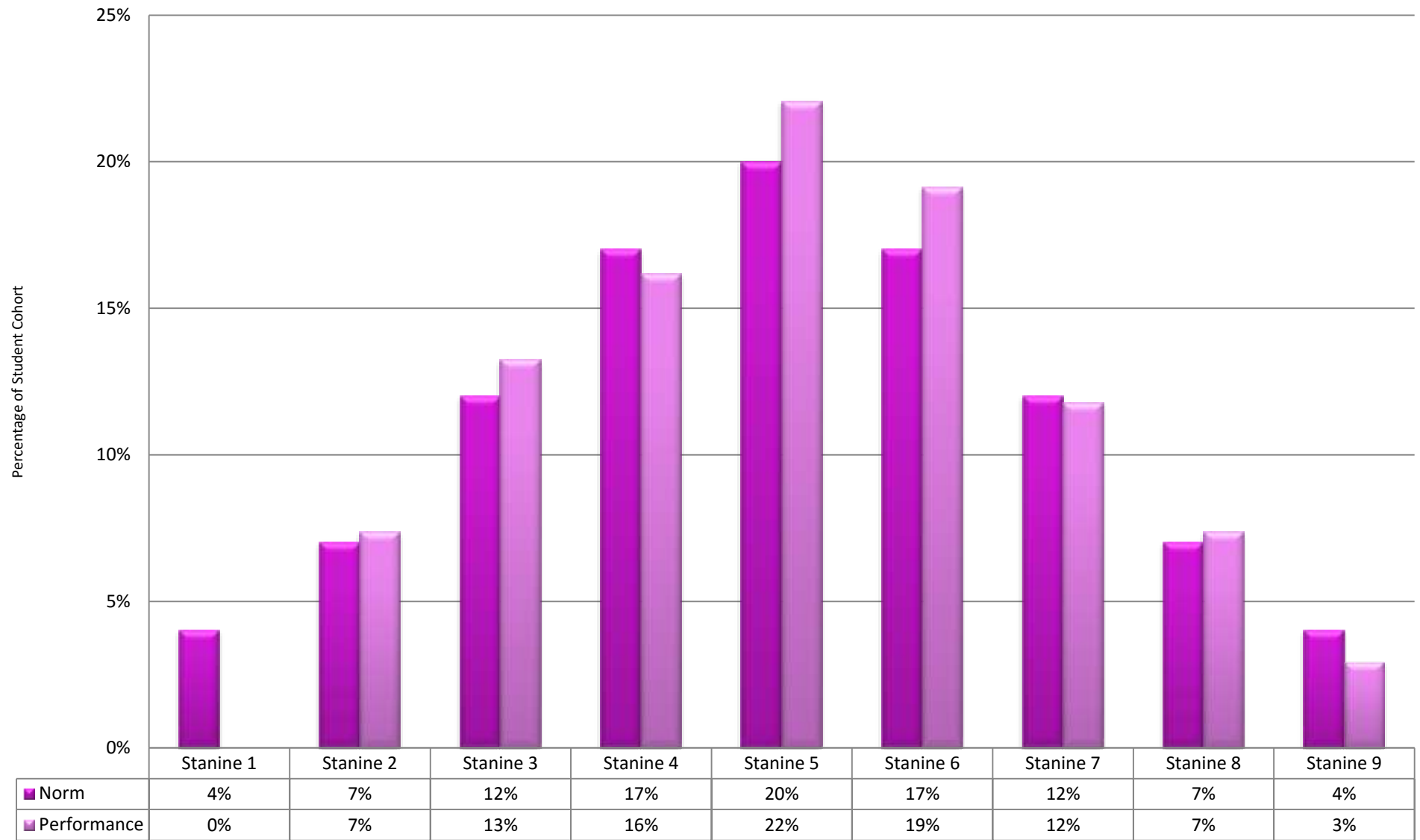
February 2017 Comparison to National Norms

Percentage of Students at or Above Stanine 5



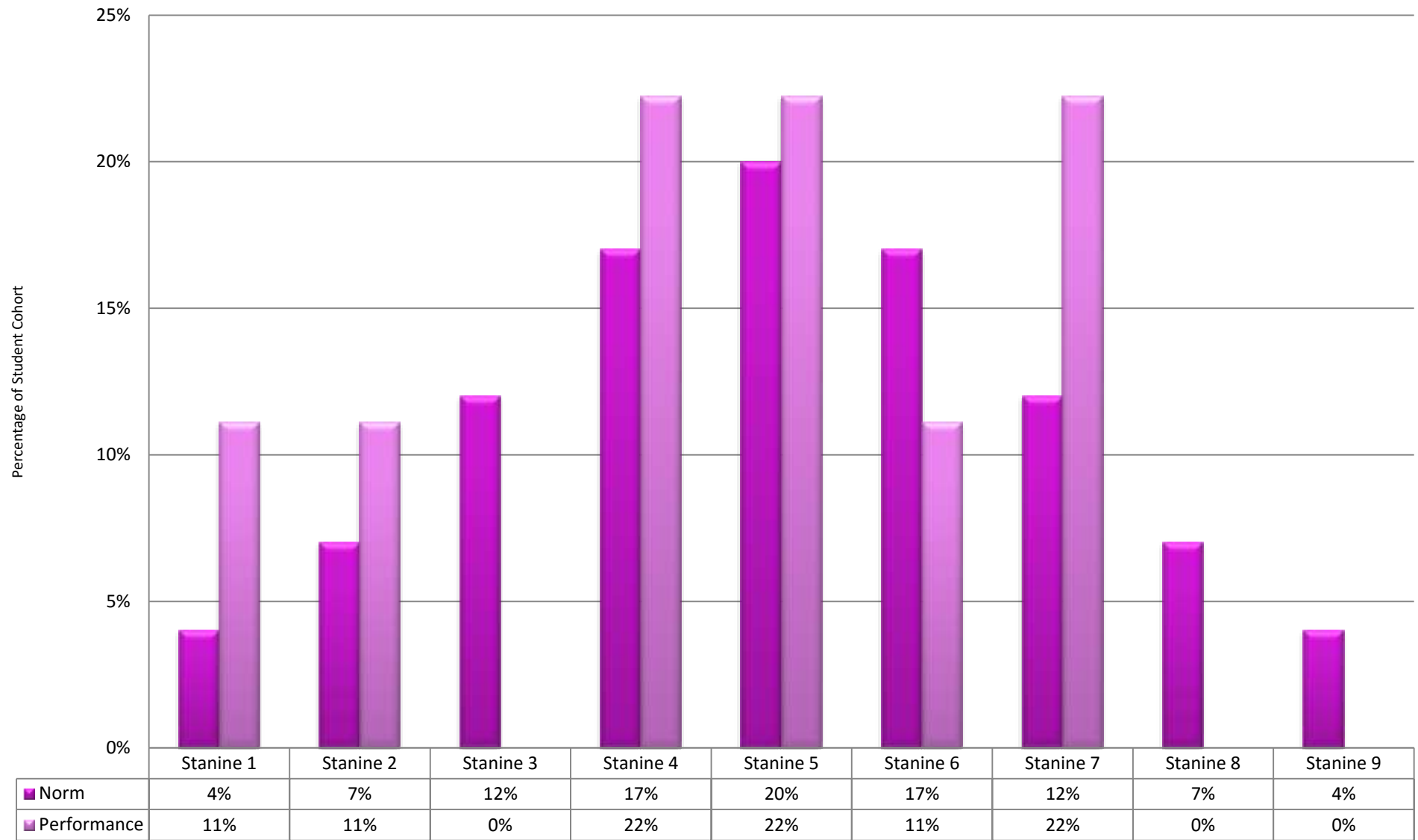
STAR Reading for Maori

February 2017 Stanines Comparison to National Norms



STAR Reading for Pacific Peoples

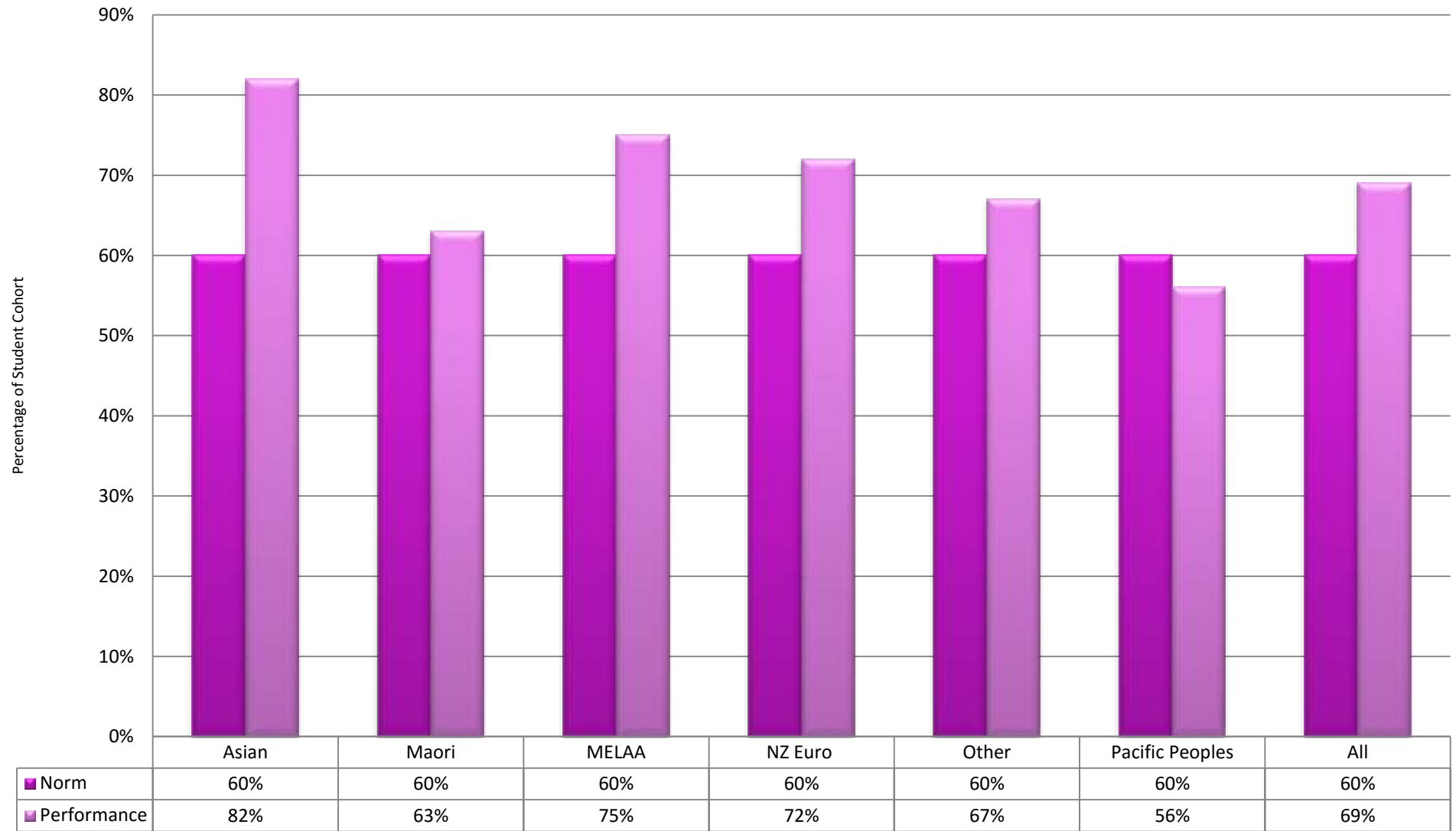
February 2017 Stanines Comparison to National Norms



STAR Reading by Ethnicity

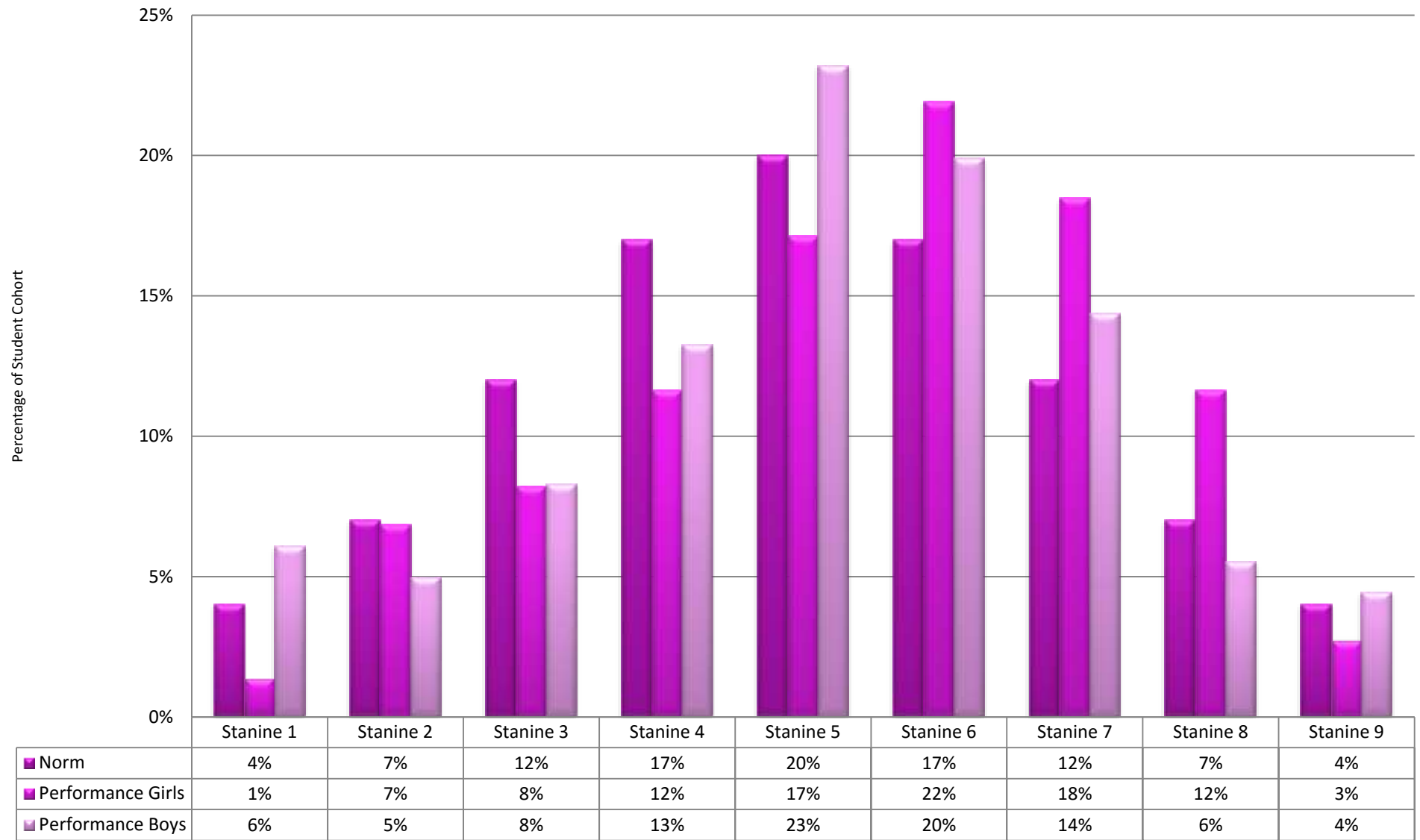
February 2017 Comparison to National Norms

Percentage of Students at or Above Stanine 5



STAR Reading by Gender

February 2017 Stanines Comparison to National Norms



STAR Reading Over Time

2012, 2013, 2014, 2015, 2016 and 2017 Comparison to National Norms

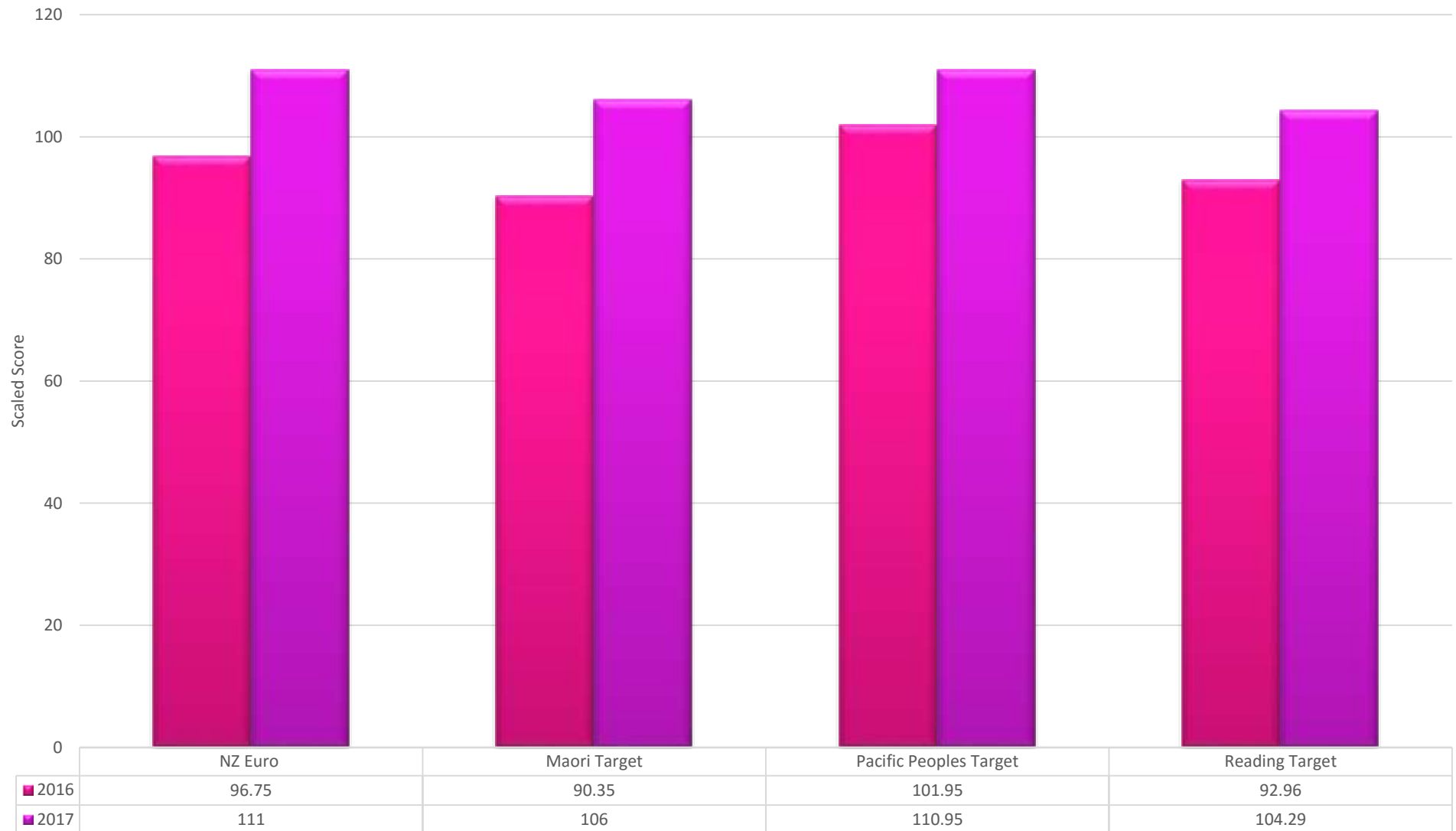
Percentage of Students at or Above Stanine 5



STAR Progress 2016 v 2017

Progress Measure 1

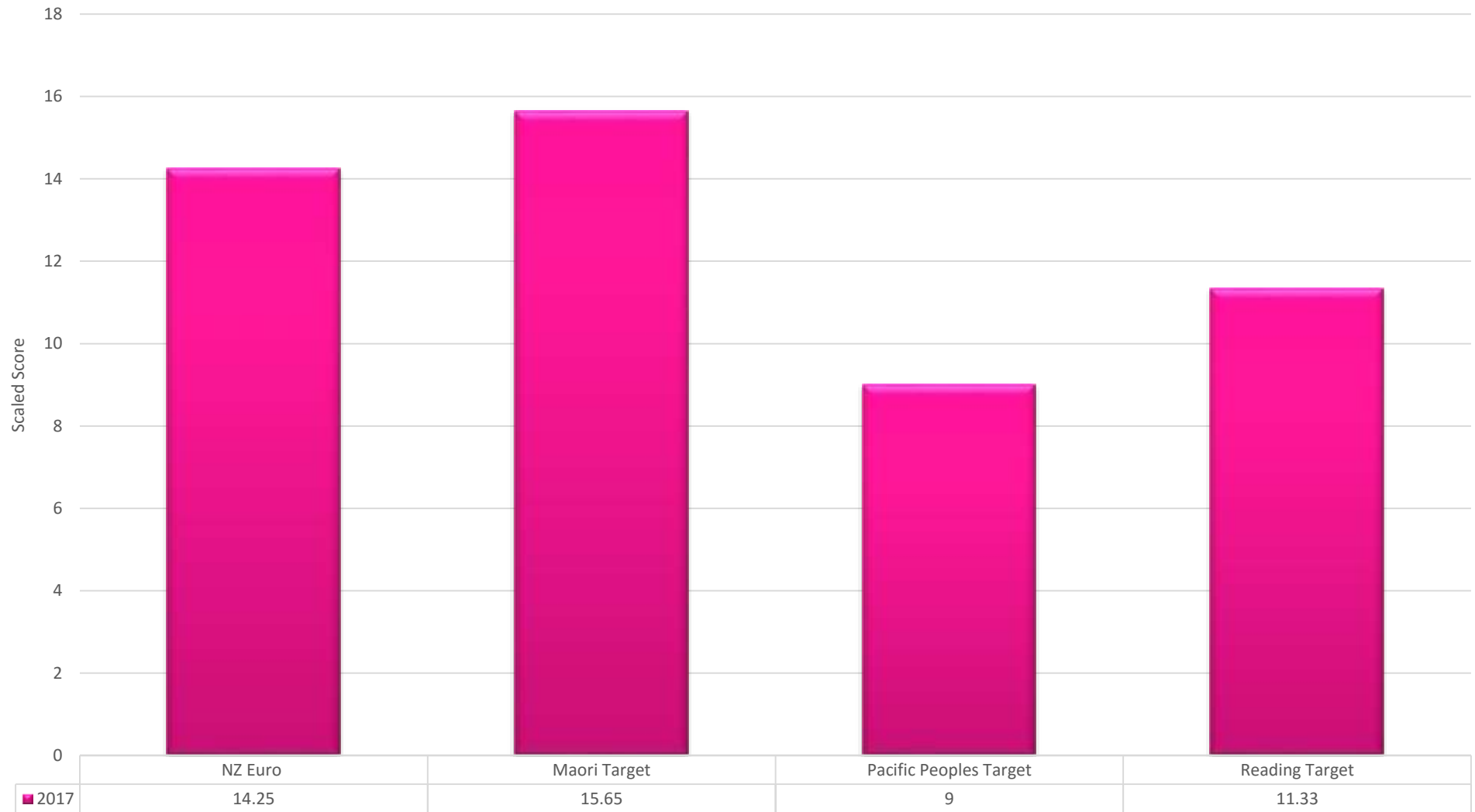
Averaged Scale Score. Comparisons for NZ European/Pakeha Cohort V Target Cohorts



STAR Progress 2016 v 2017

Progress Measure 2

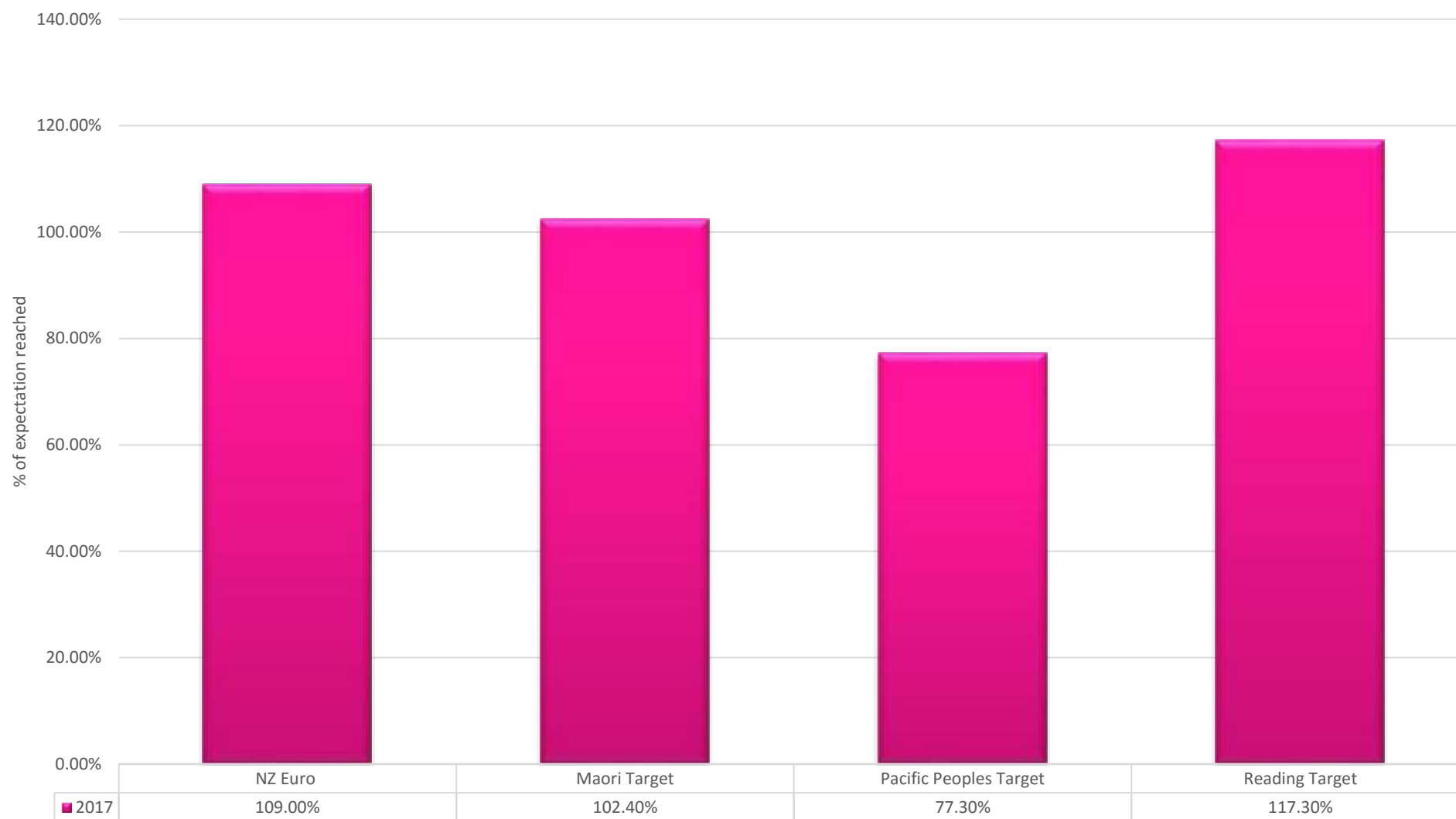
A measure of progress made in 12 months by averaged Scale Score.. Comparisons for NZ European/Pakeha Cohort V
Target Cohorts



STAR Progress 2016 v 2017

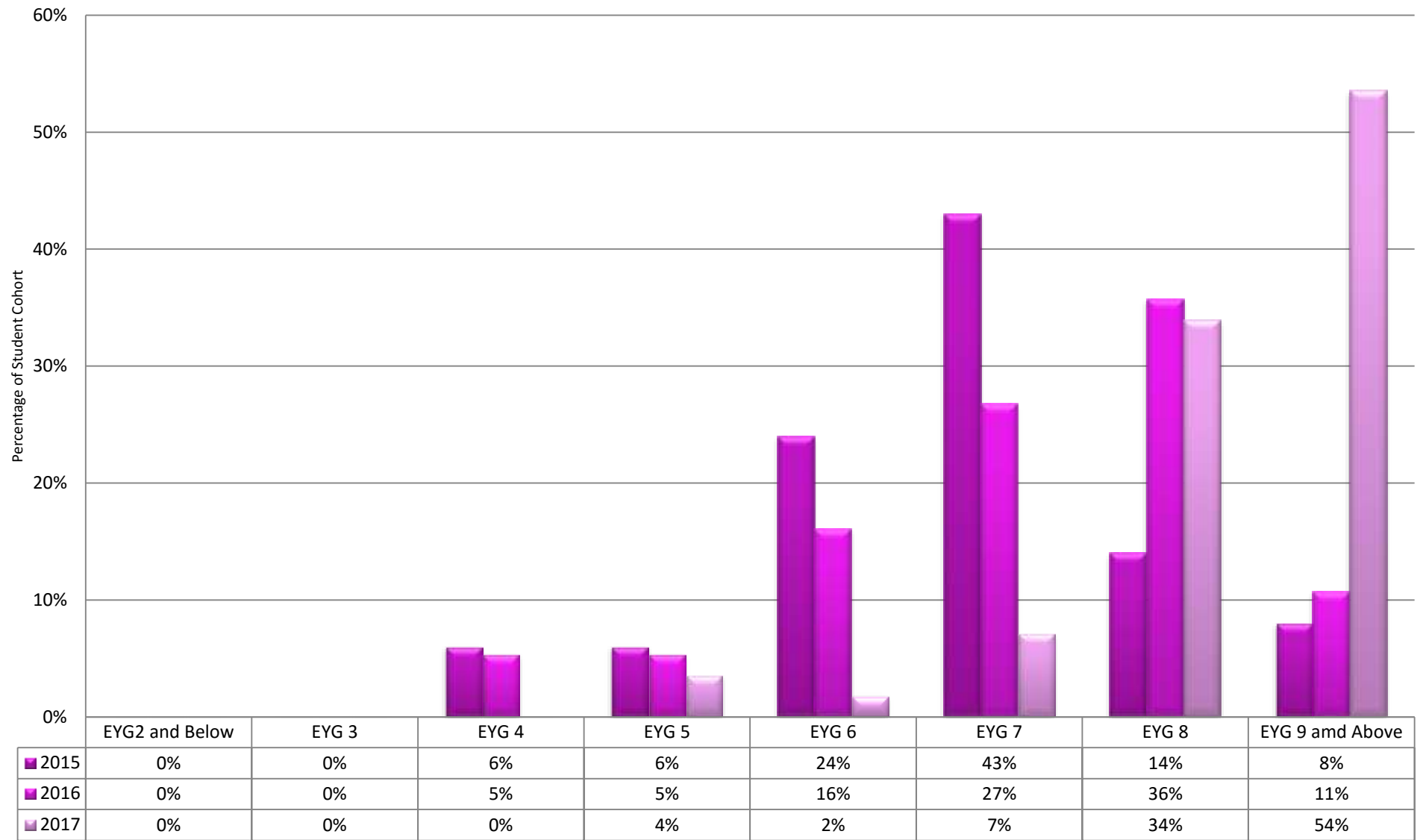
Progress Measure 3

A measure of progress made in 12 months by percentage of expectation. Comparisons for NZ European/Pakeha Cohort V Target Cohorts



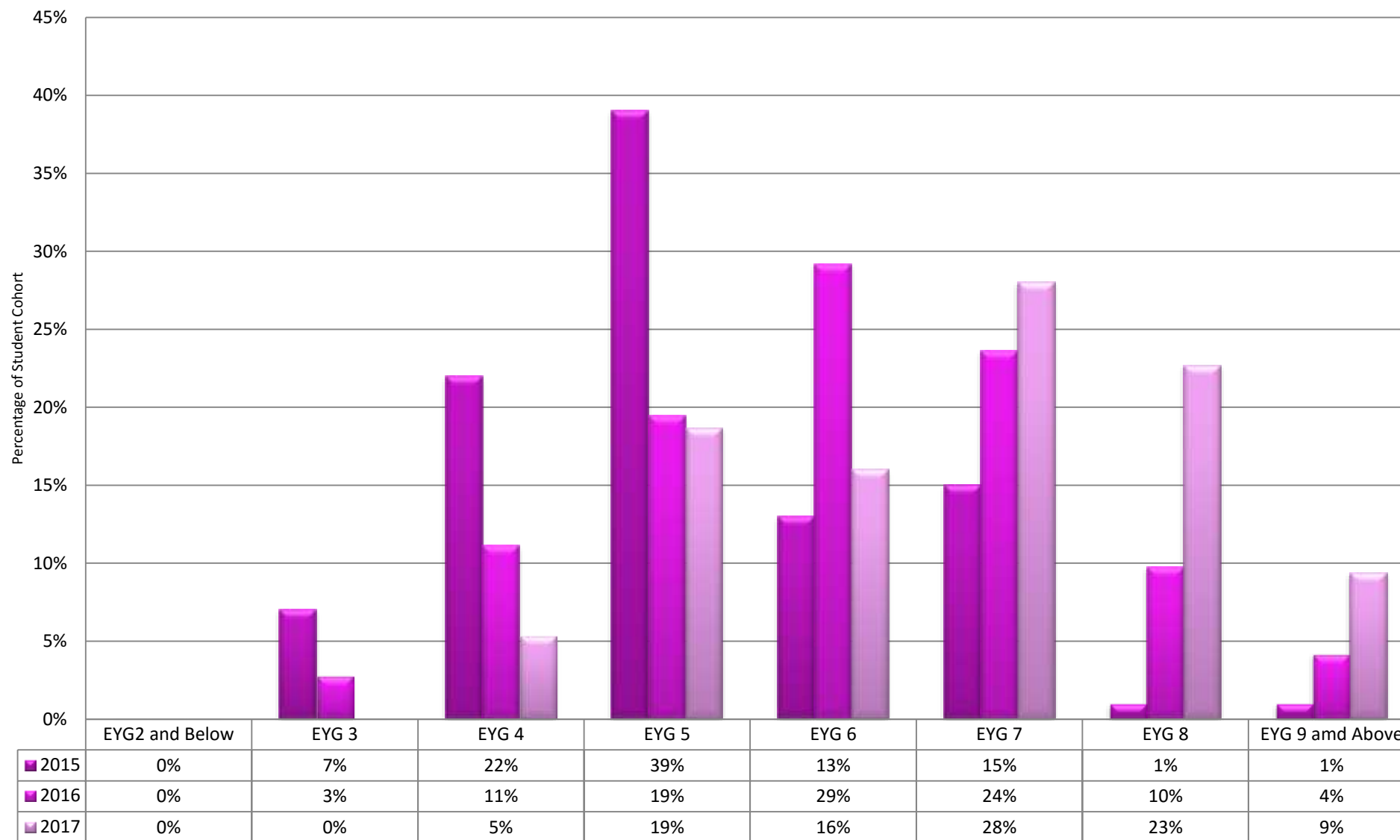
STAR Year 8 Cohort 2017

Comparisons to the Equivalent Year Group Performance in 2015, 2016 and 2017



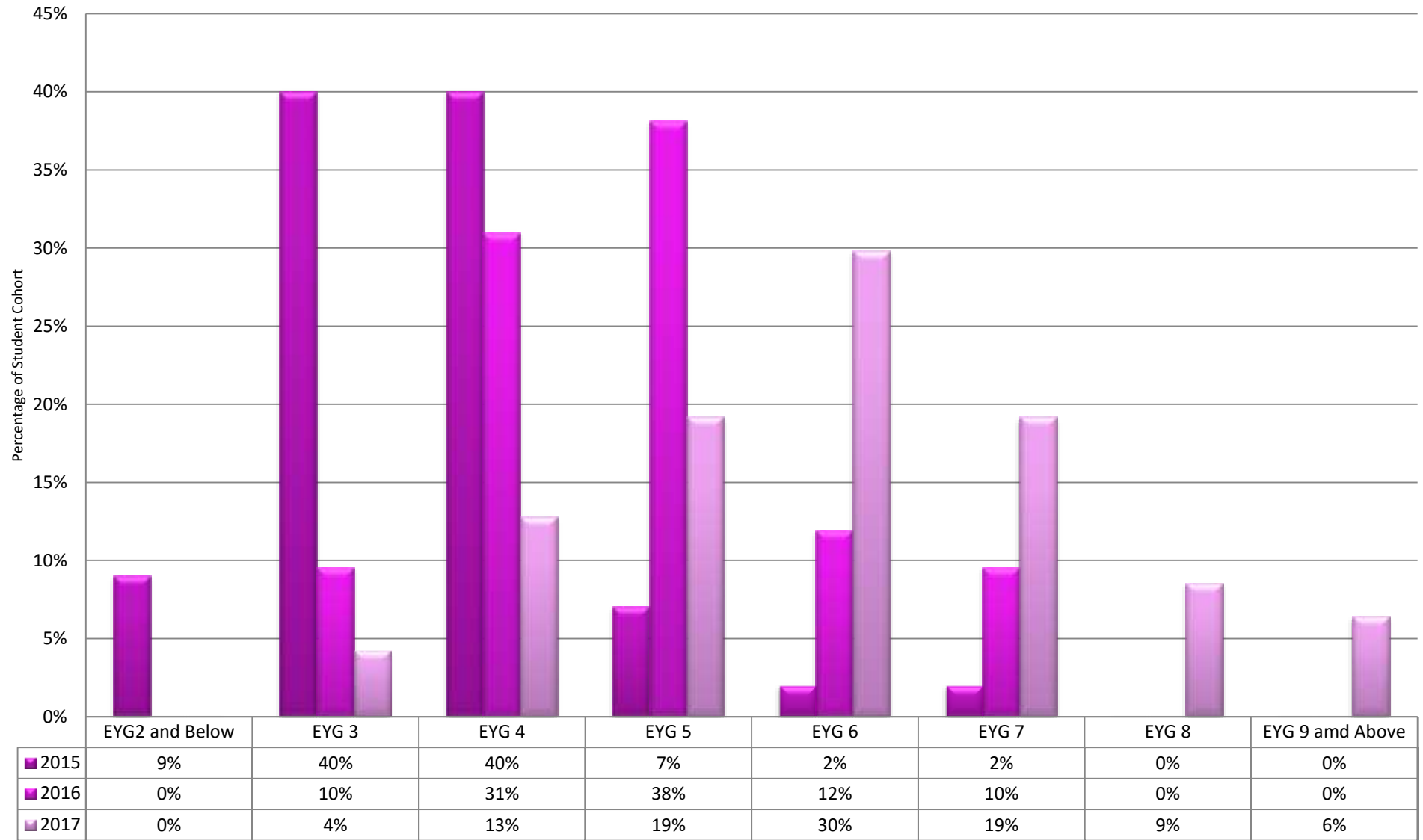
STAR Year 7 Cohort 2017

Comparisons to the Equivalent Year Group Performance in 2015, 2016 and 2017



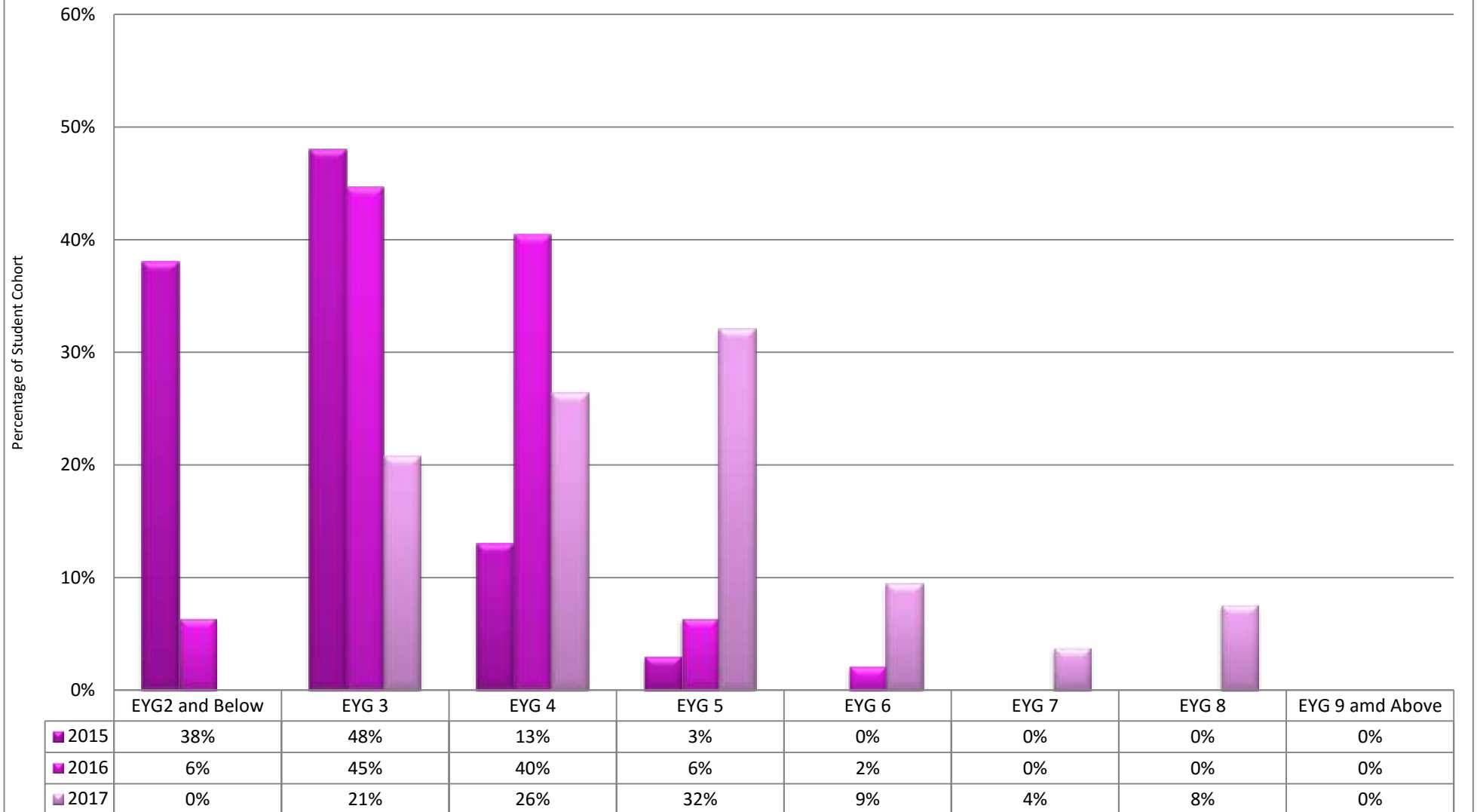
STAR Year 6 Cohort 2017

Comparisons to the Equivalent Year Group Performance in 2015, 2016 and 2017



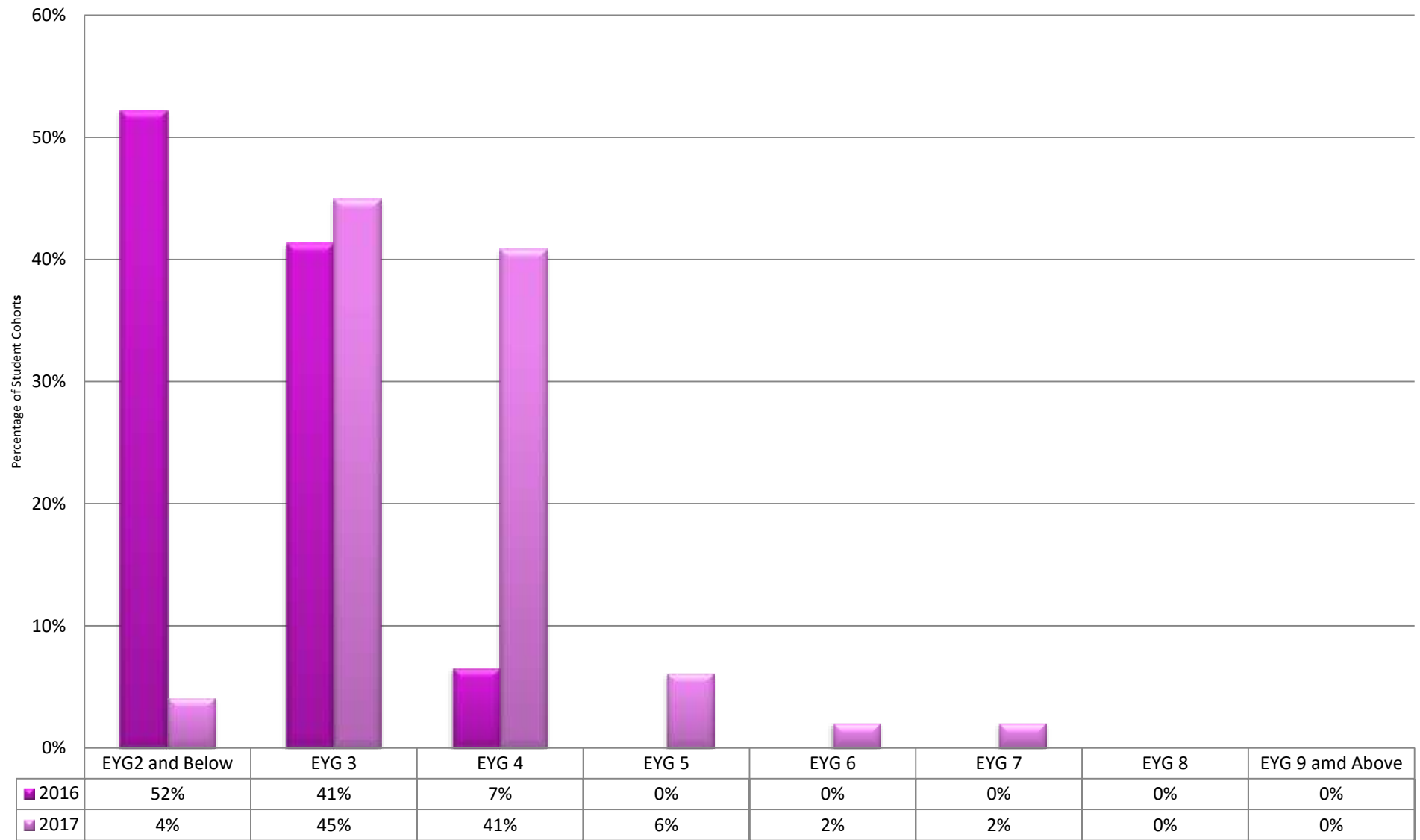
STAR Year 5 Cohort 2017

Comparisons to the Equivalent Year Group Performance in 2015,2016 and 2017



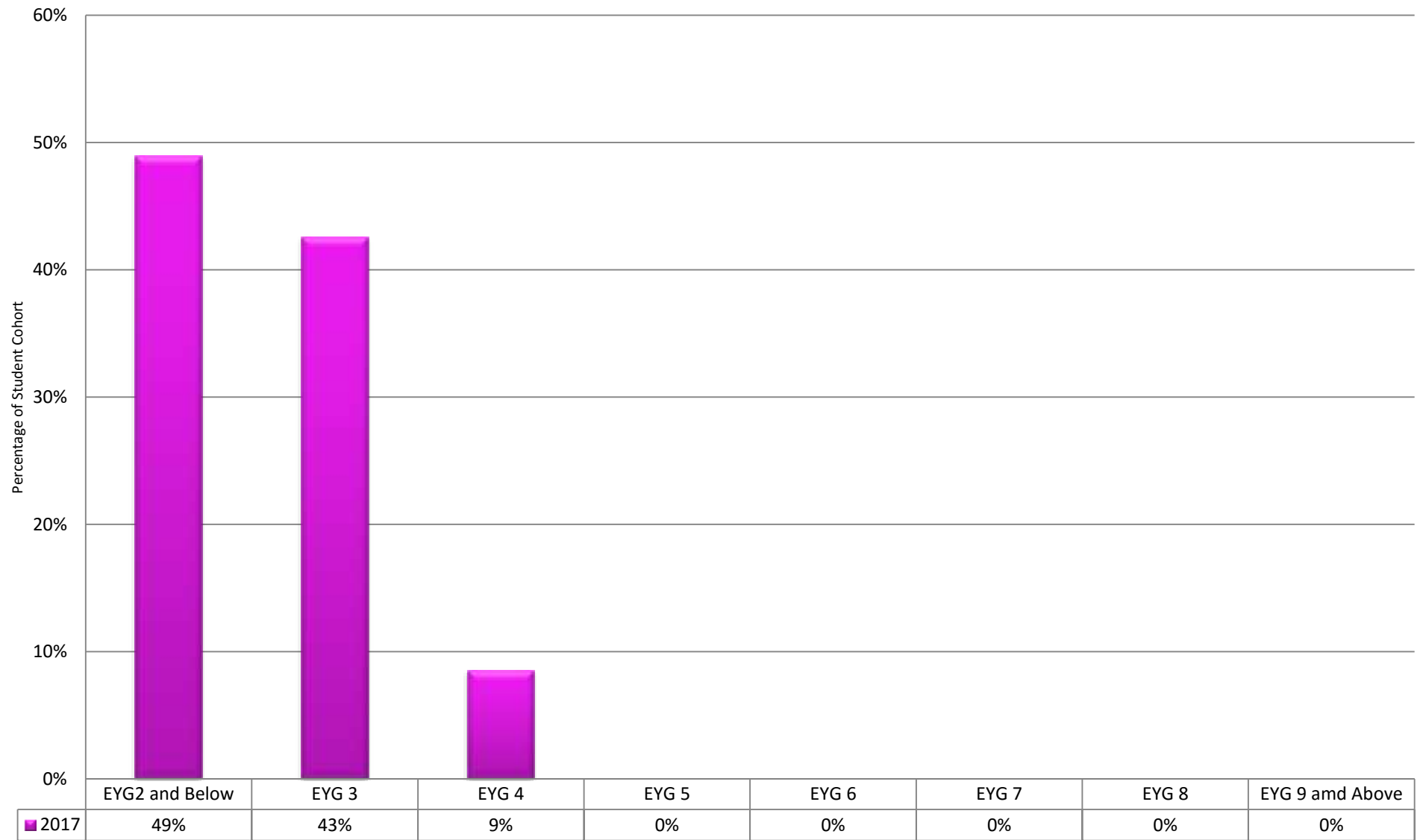
STAR Year 4 Cohort 2017

Comparisons to the Equivalent Year Group Performance in 2016 and 2017



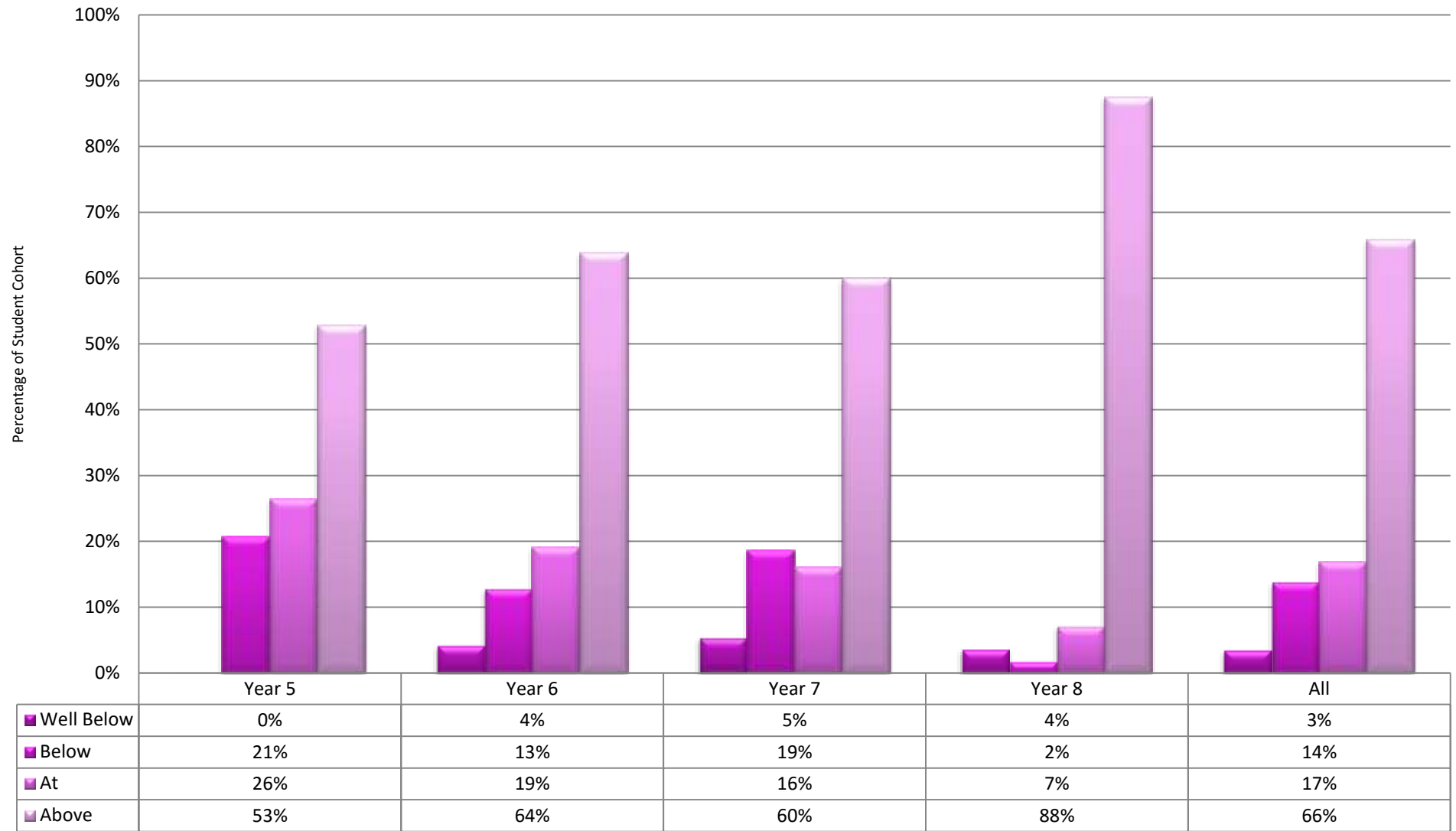
STAR Year 3 Cohort 2017

Comparisons to the Equivalent Year Group Performance in 2017



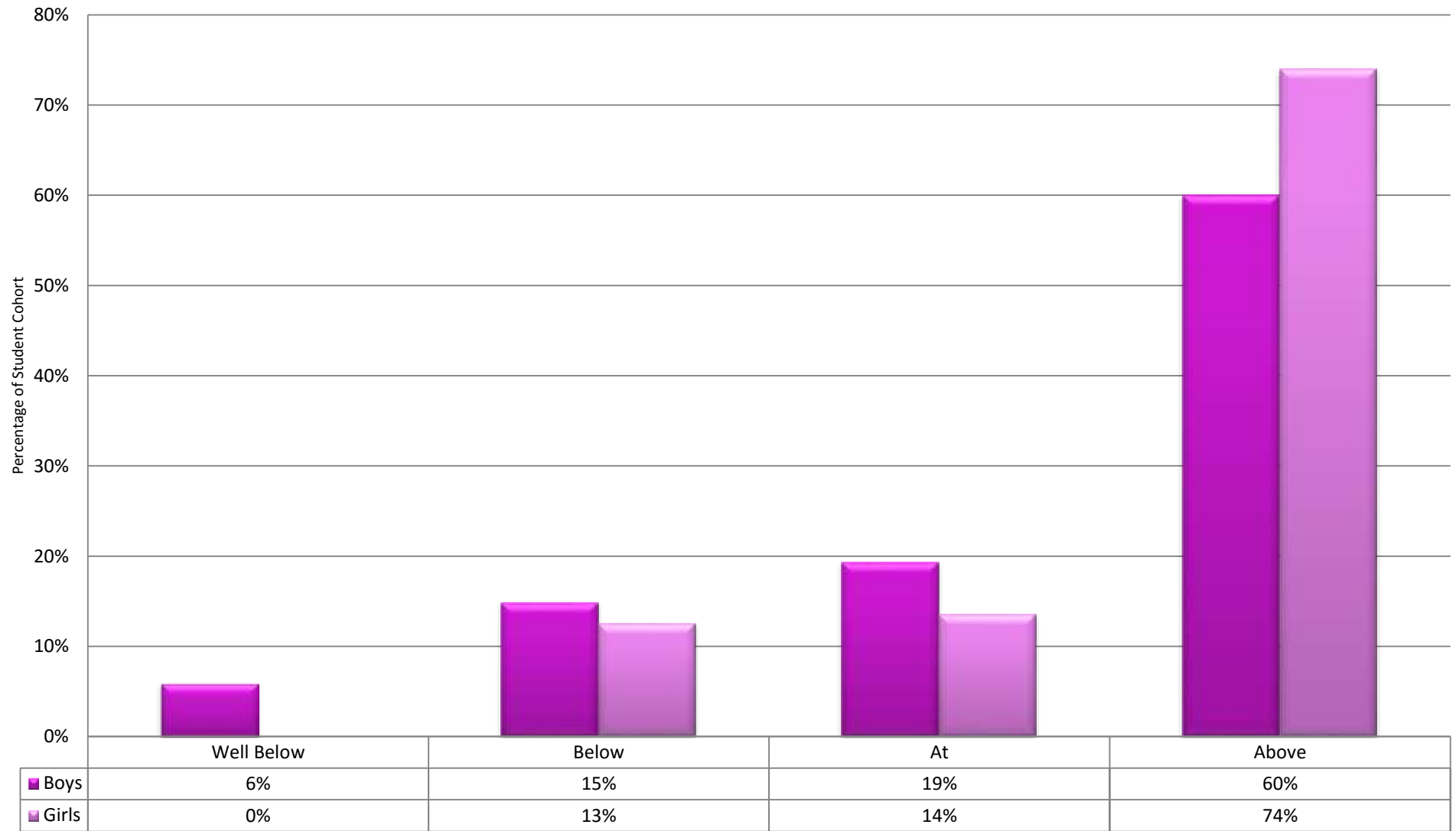
STAR by Year

Indicative Performance against the **National Standards** as an
EOY Summative for 2017 for Year 5, 6, 7, and 8 Students only



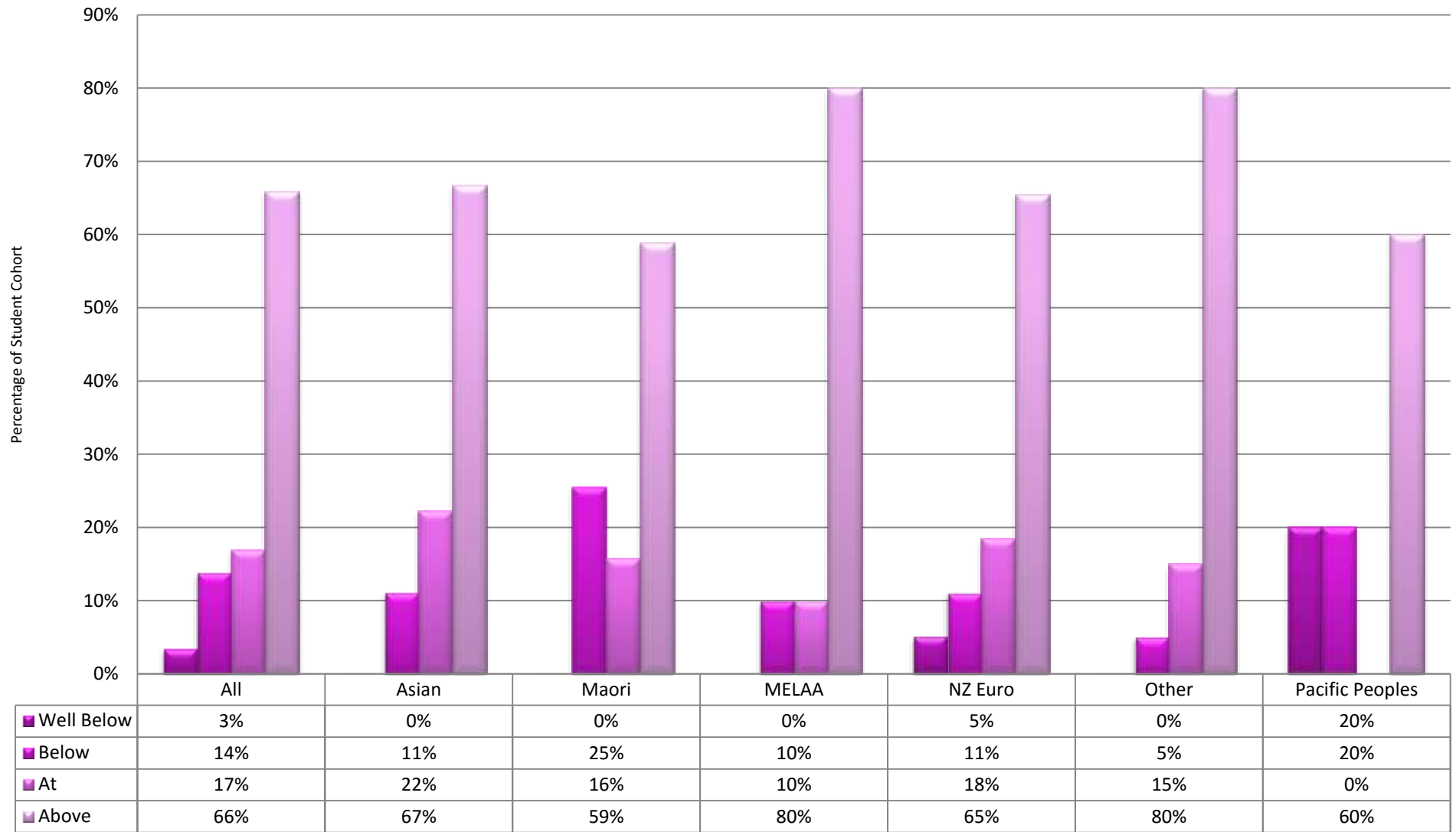
STAR by Gender

Indicative Performance against the **National Standards** as an
EOY Summative for 2017 for Year 5, 6, 7, and 8 Students only



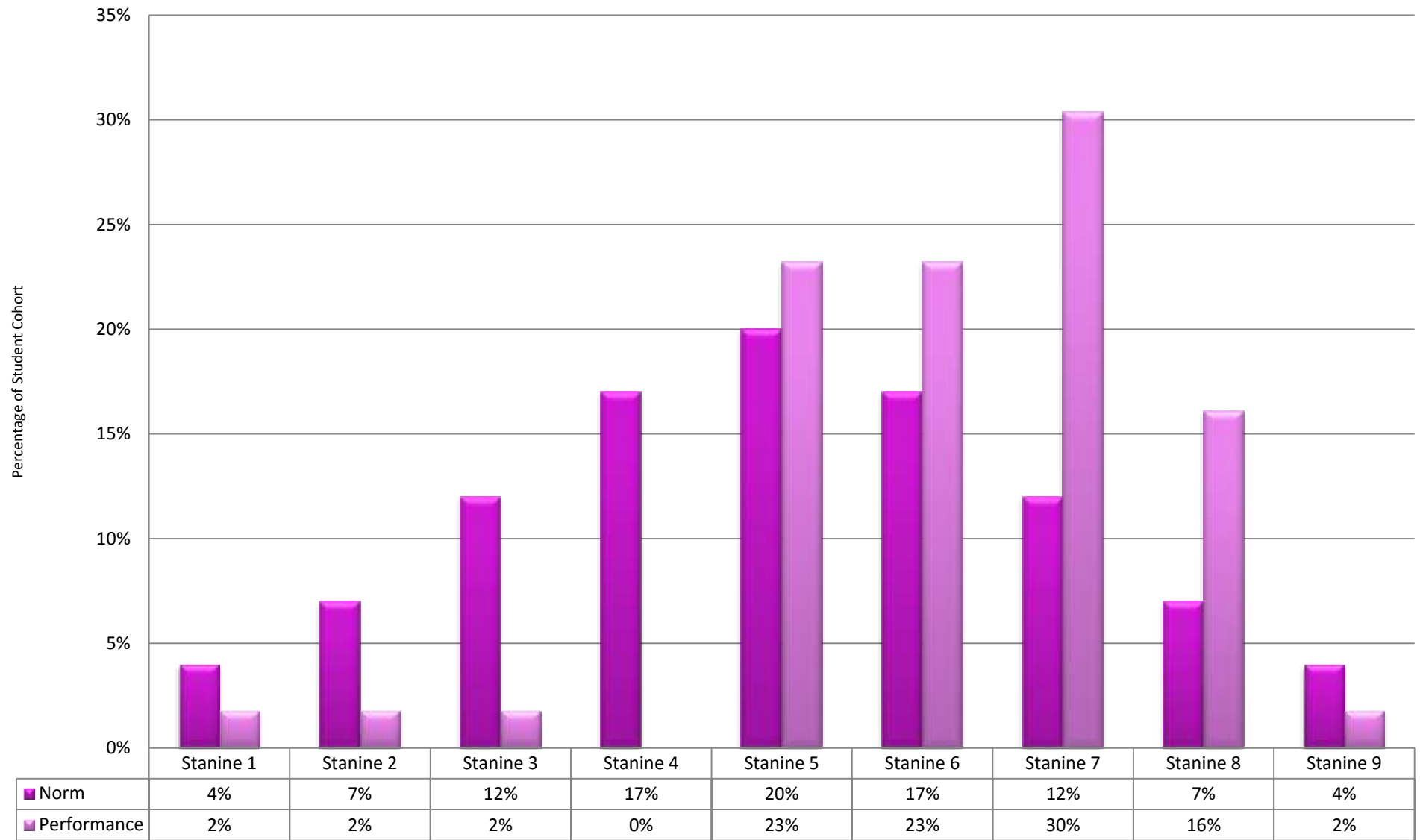
STAR by Ethnicity

Indicative Performance against the **National Standards** as an
EOY Summative for 2017 for Year 5, 6, 7, and 8 Students only



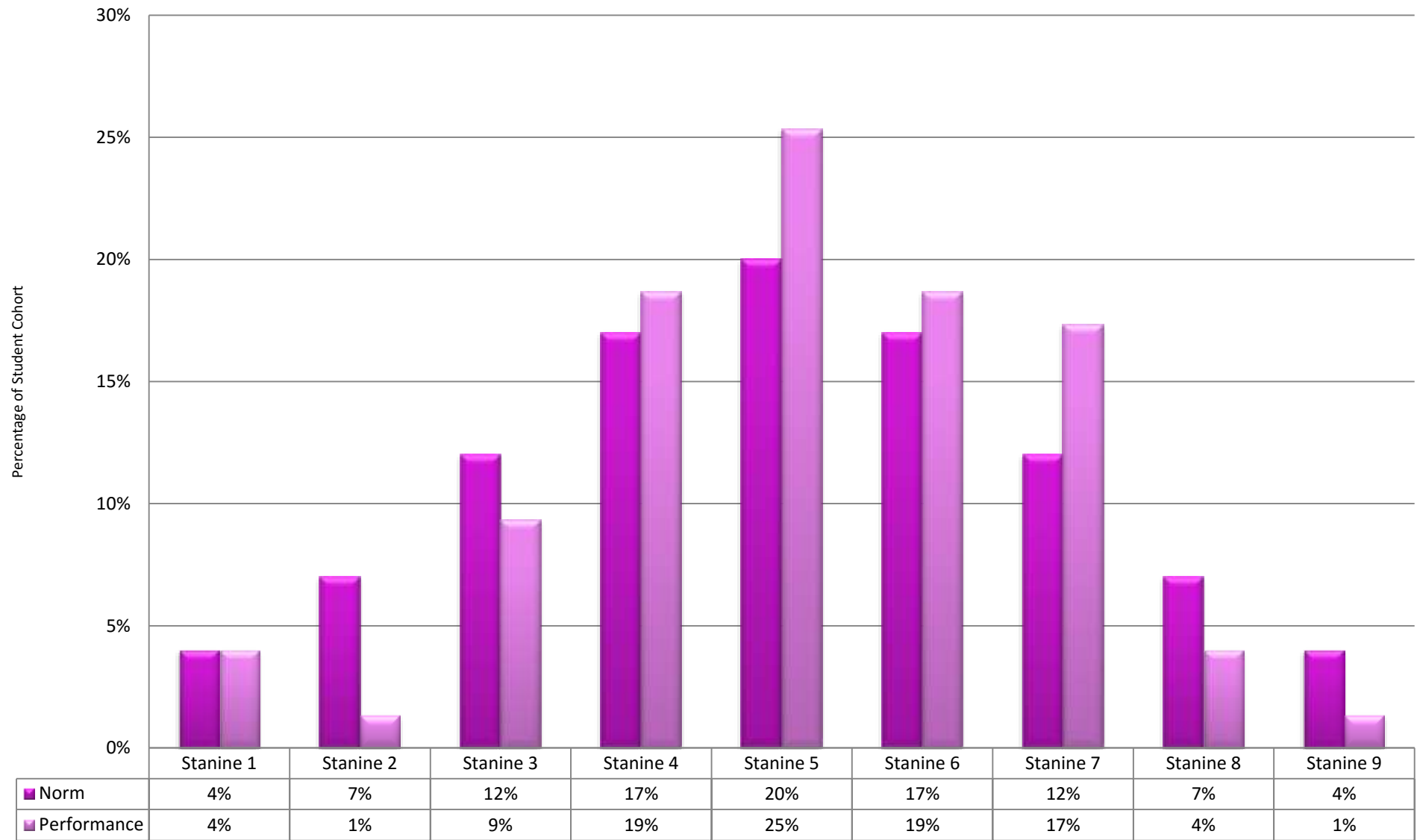
STAR Reading for Year 8

February 2017 Stanines Comparison to National Norms



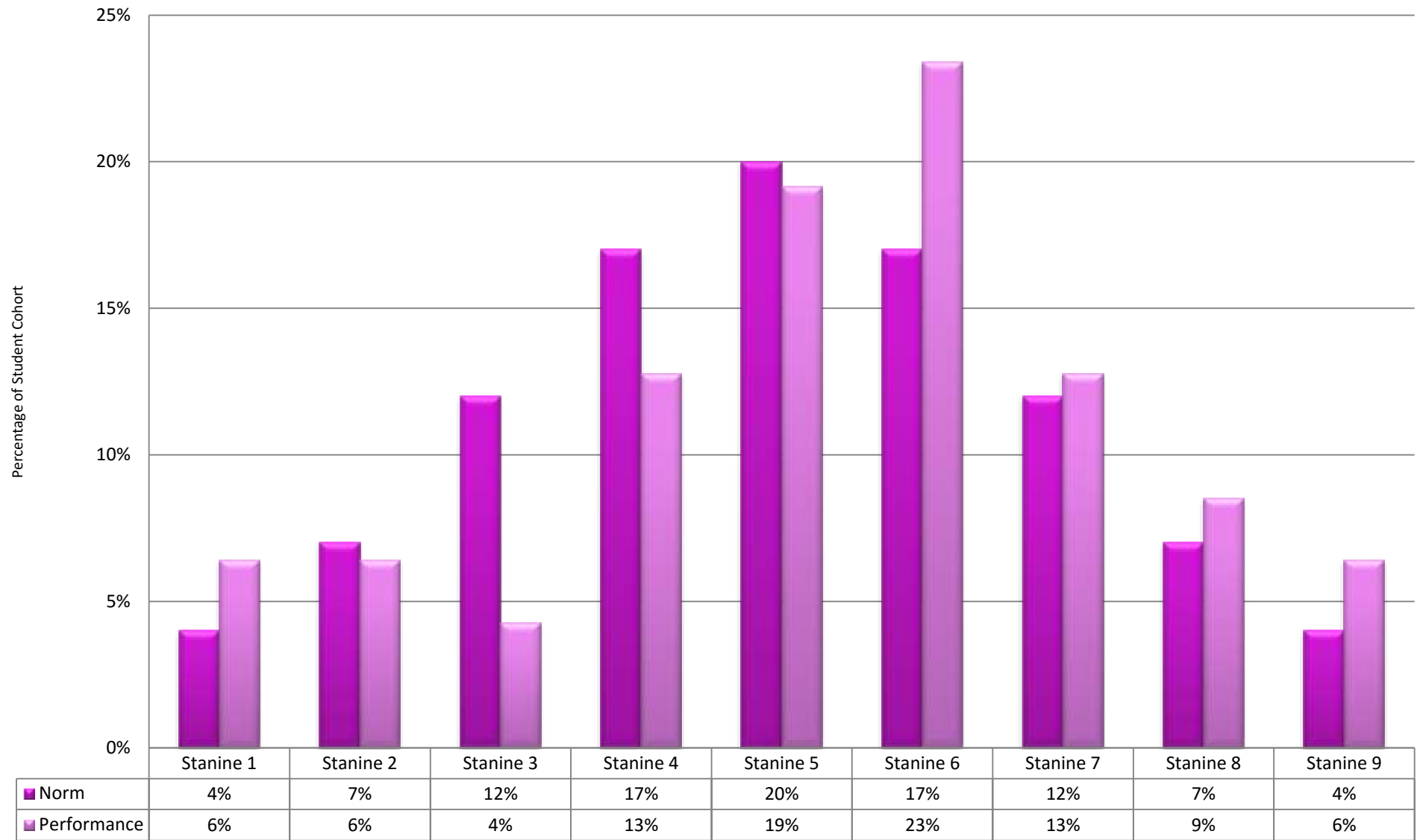
STAR Reading for Year 7

February 2017 Stanines Comparison to National Norms



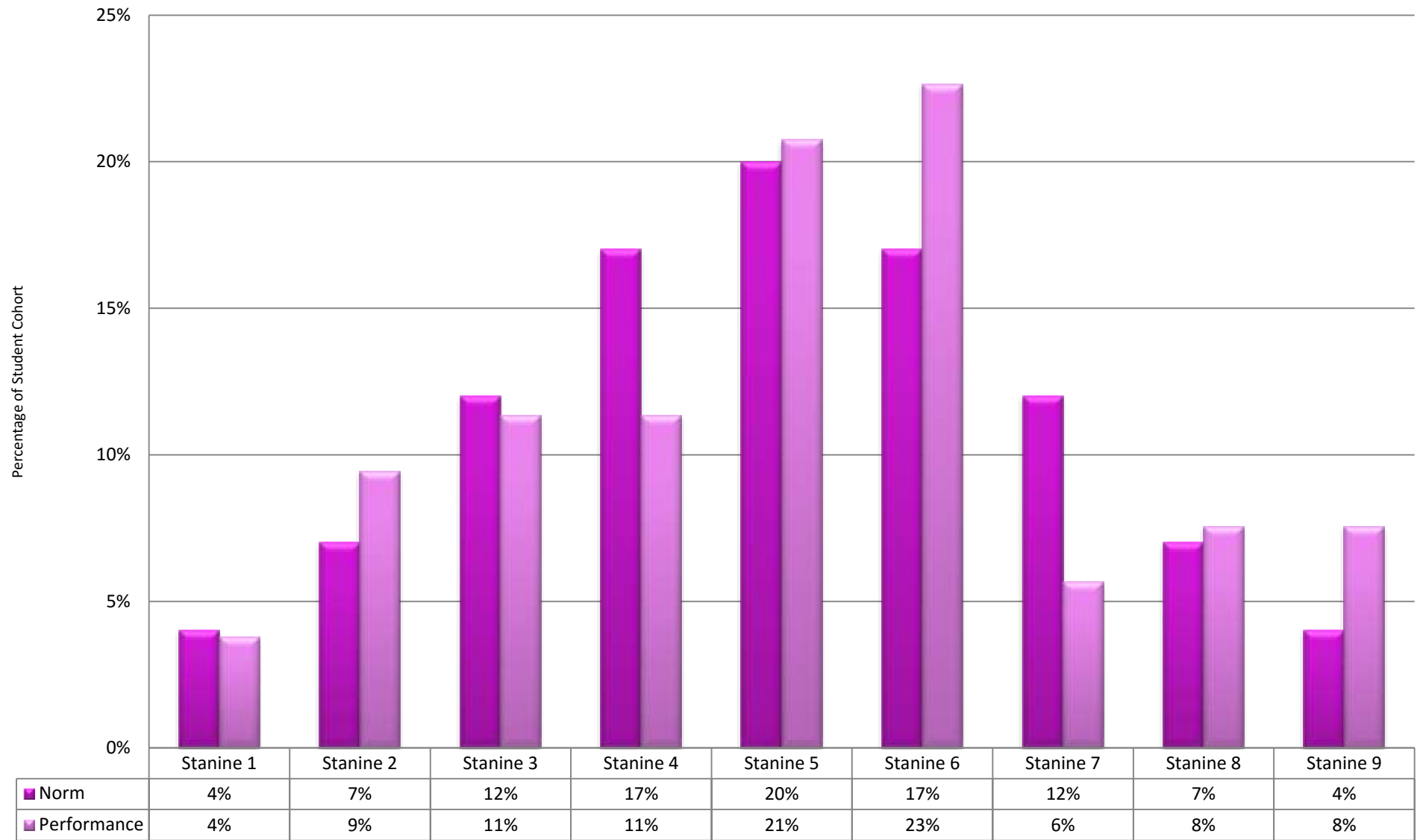
STAR Reading for Year 6

February 2017 Stanines Comparison to National Norms



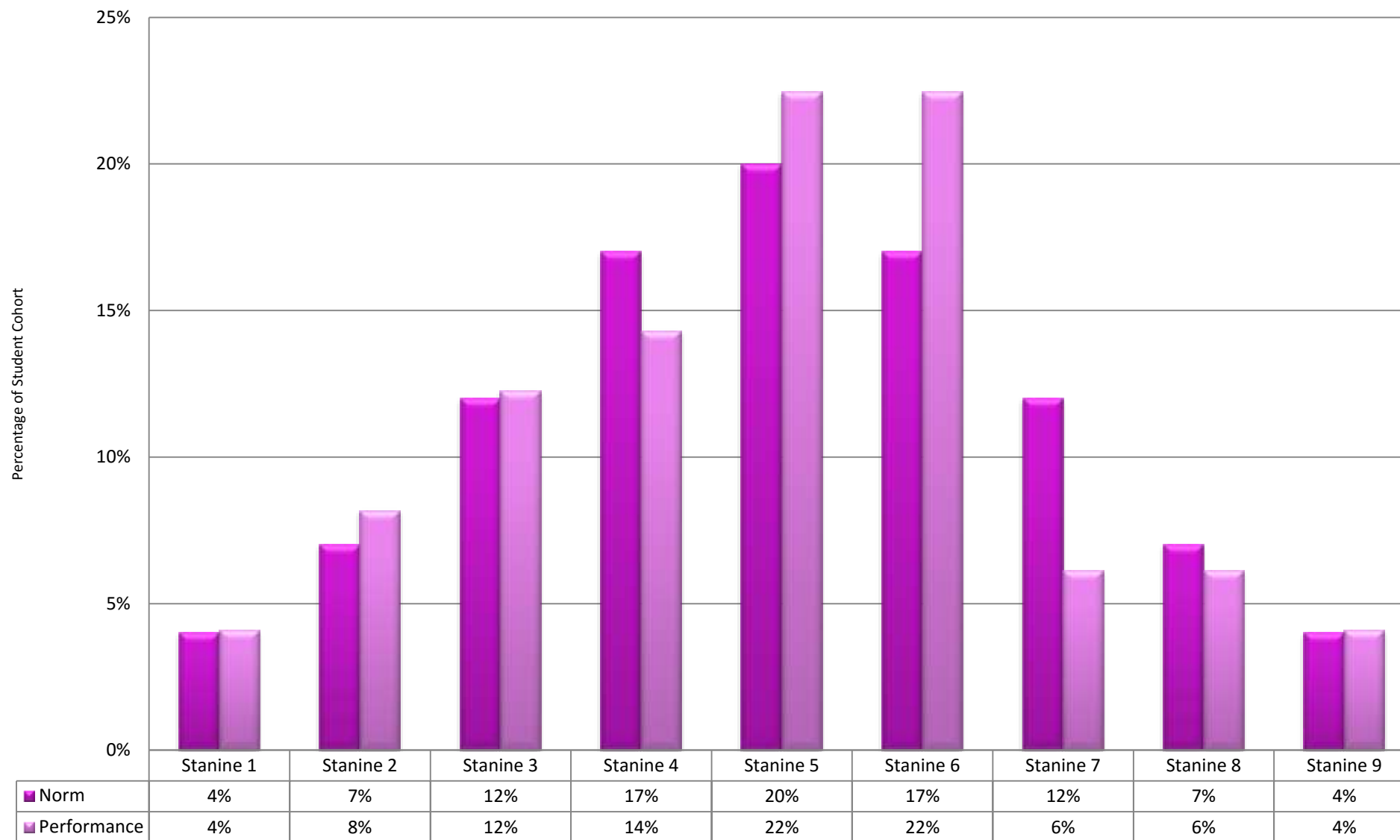
STAR Reading for Year 5

February 2017 Stanines Comparison to National Norms



STAR Reading for Year 4

February 2017 Stanines Comparison to National Norms



STAR Reading for Year 3

February 2017 Stanines Comparison to National Norms

