

The Ethiopian National Project Evaluation of the Scholastic Assistance Program (SPACE)

Matriculation Results of 12th-Graders in 2014, and the Program Impact over Time

Dalia Ben-Rabi, Ruth Baruj-Kovarsky, Viacheslav Konstantinov

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Program Participants – Characteristics and Achievements

Characteristics of Program Participants (2013/14)

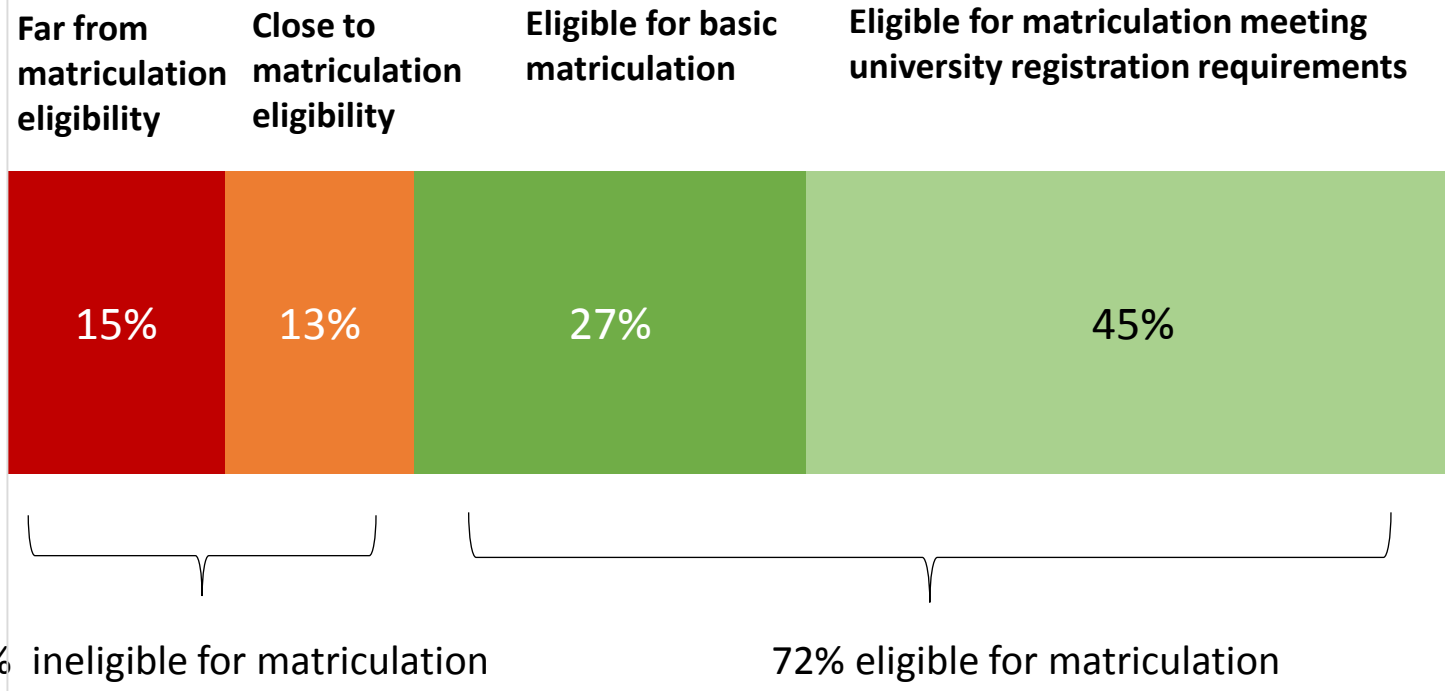
- ❑ 331 12th-graders participated in the program
- ❑ Constituting 12% of all Ethiopian-Israeli students in Israel
- ❑ 74% attended schools that had been in the program since 2008
- ❑ 34% were boys
- ❑ 74% were Israeli-born

Number of Study Units in English and Mathematics on which Program Participants were Examined (2013/14), (%)

	Mathematics	English
Examined on 5 units	2	14
Examined on 4 units	6	36
Examined on 3 units	74	41
Did not take the exam	18	8

In mathematics, most program participants took the 3-point exam. In English, 50% of the program participants took the 4 or 5 point exam, allowing for university acceptance.

Achievements of Program Participants (2013/14)



Most of the program participants were eligible for matriculation with almost half eligible for matriculation meeting university registration requirements. About a quarter of the program participants were ineligible, half of them were close to eligibility.

**Achievements of Program
Participants**

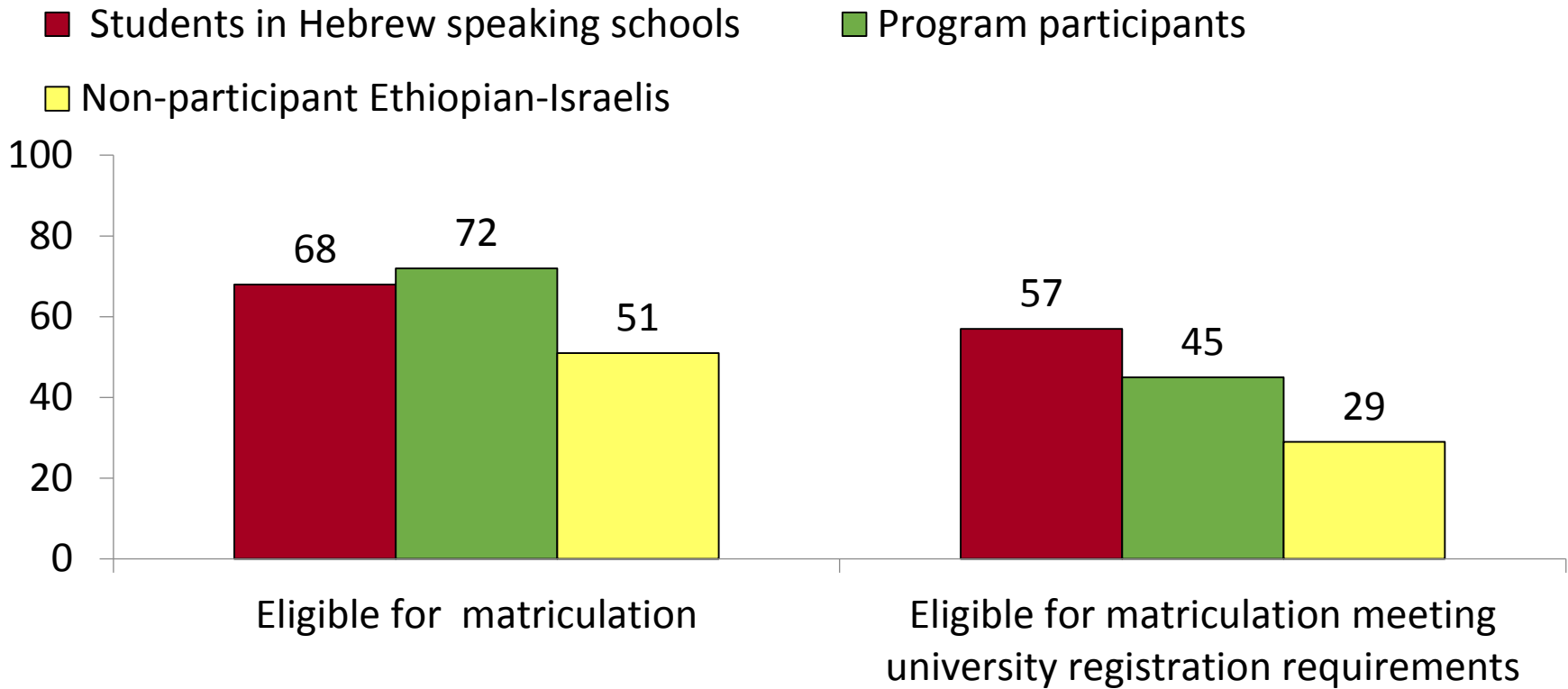
vs.

**Total Students in Hebrew
Speaking Schools**

and vs.

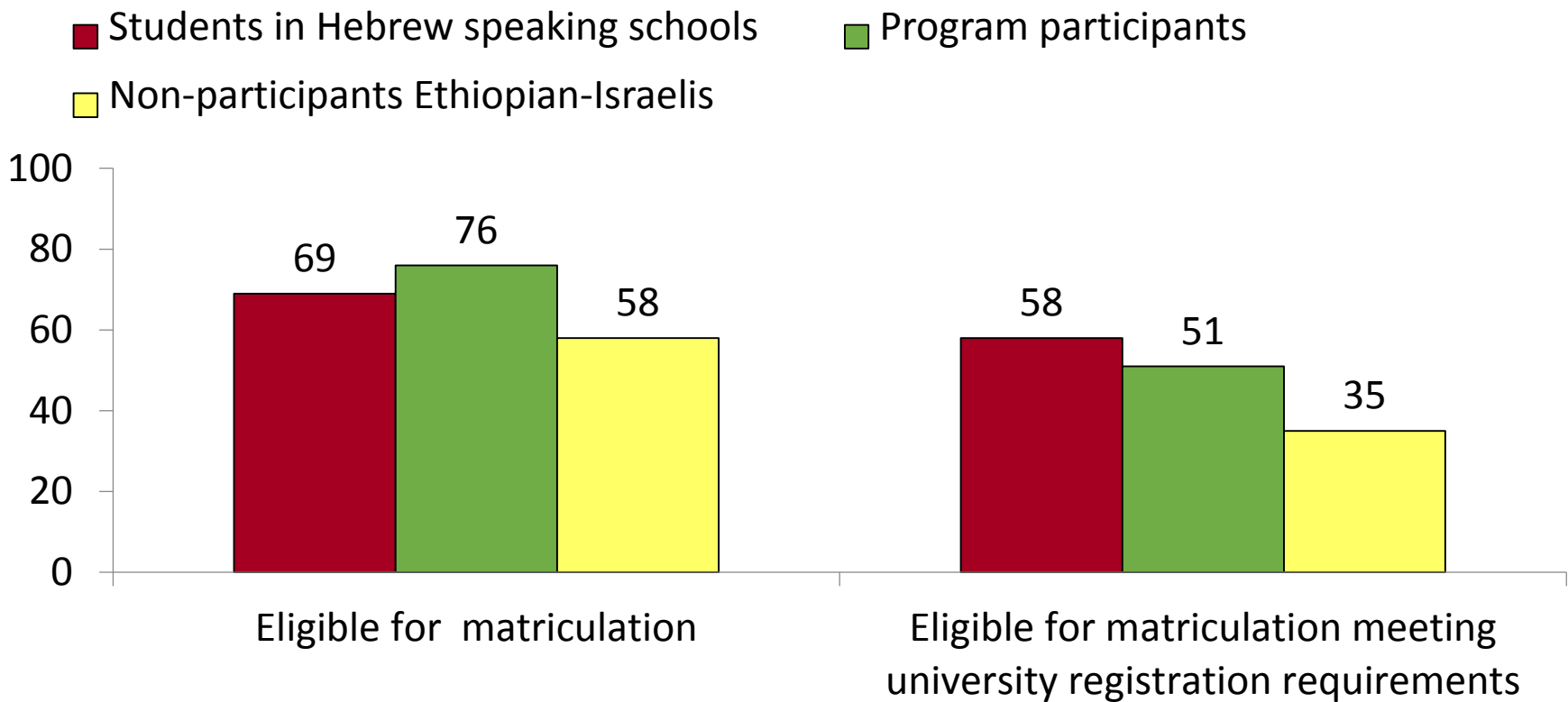
**Total Non-participant
Ethiopian-Israeli students**

Achievements of Program Participants (2013/14) vs. Total Students in Hebrew Speaking Schools and vs. Total Non-Participant Ethiopian-Israeli students(%)



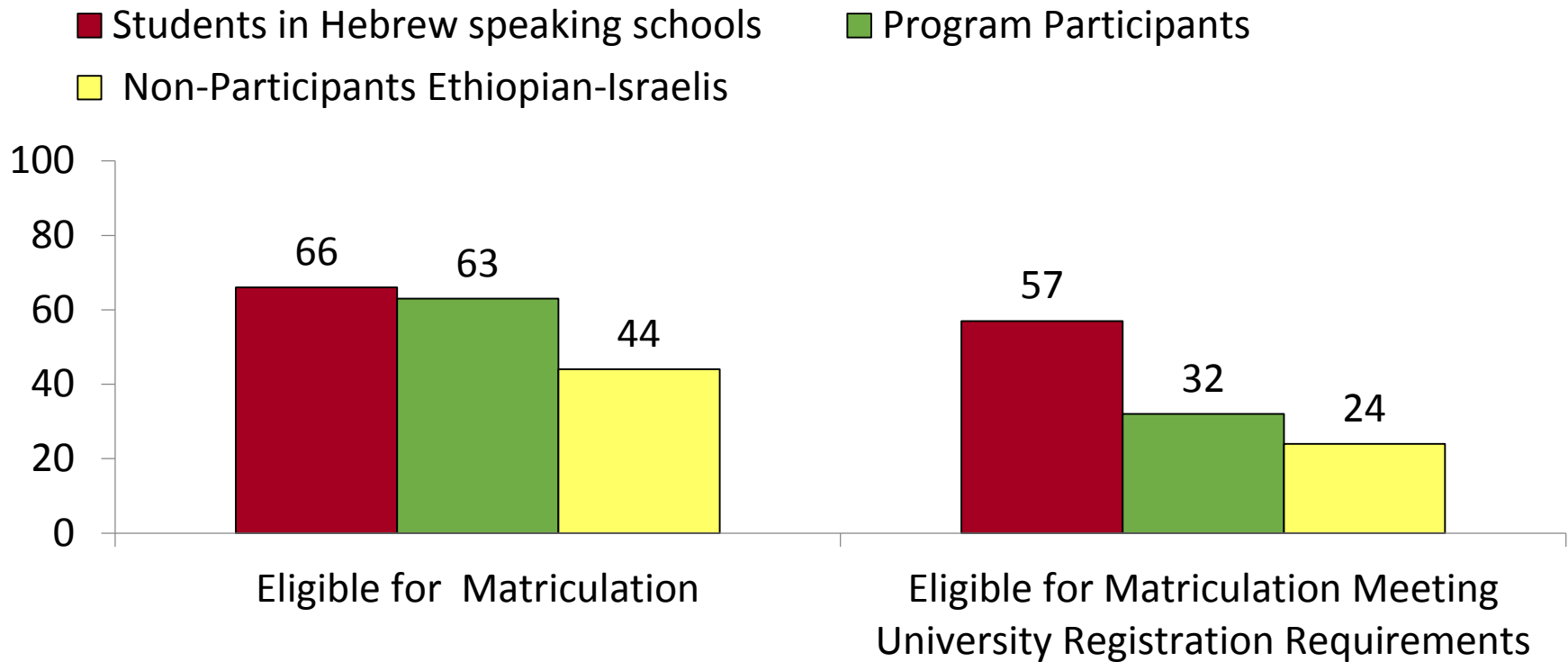
The achievements of program participants in 2014 were better than the non-participant Ethiopian-Israelis, and the percentage of participants eligible for matriculation was even higher than the total students in Hebrew speaking schools.

Achievements of Program Participants (2013/14) vs. Total Students in Hebrew Speaking Schools and vs. Total Non-Participant Ethiopian-Israeli students(%) - **Girls**



The achievements of female participants in 2014 were better than the non-participant Ethiopian-Israeli females. The percentage of female participants eligible for matriculation was even higher than the total females in Hebrew speaking schools, and the gap in the percentage eligible for university registration has narrowed.

Achievements of Program Participants (2013/14) vs. Total Students in Hebrew Speaking Schools and vs. Total Non-Participant Ethiopian-Israeli students(%) - Boys



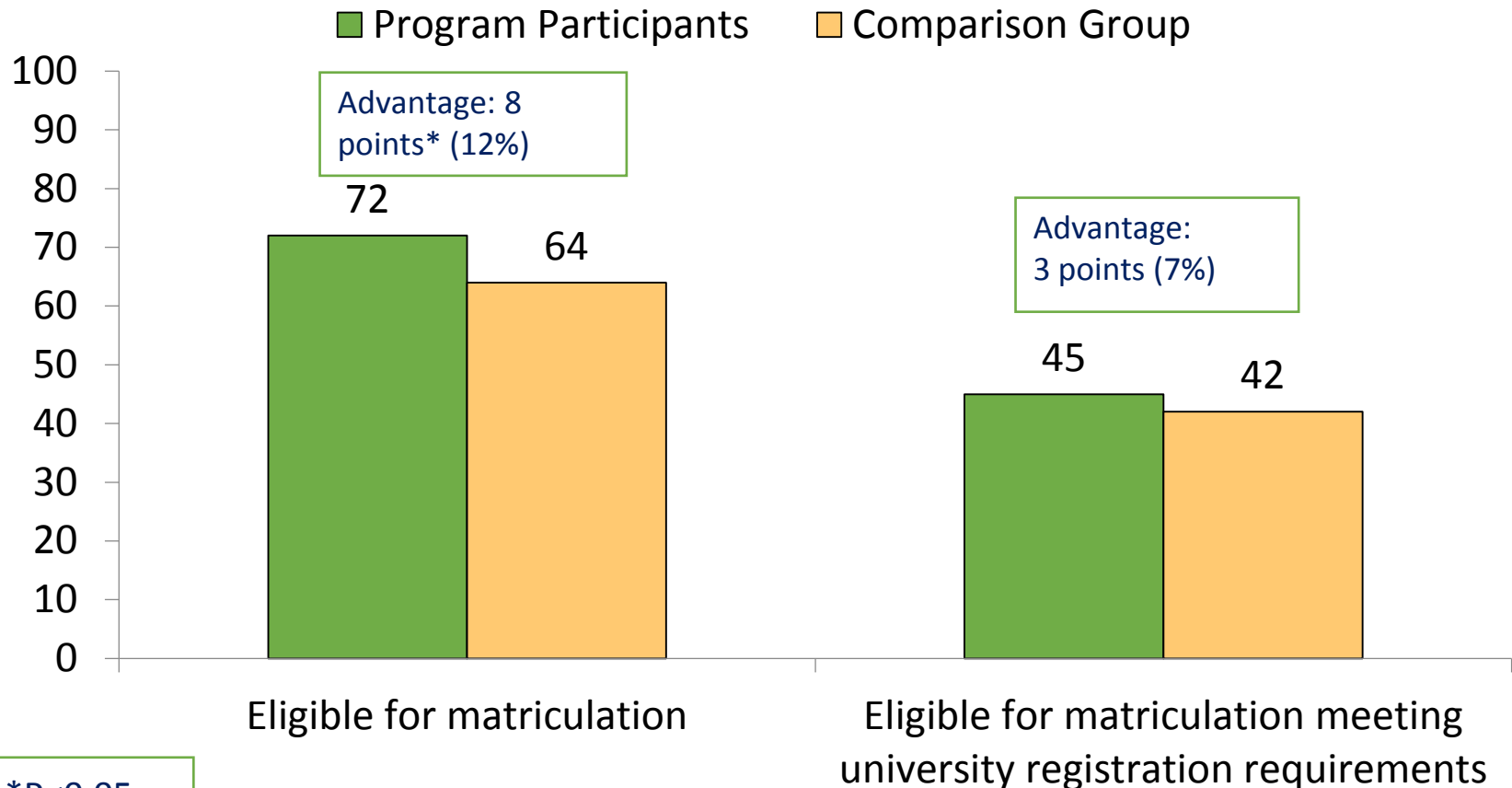
The achievements of male participants in 2014 were better than the non-participant Ethiopian-Israeli males. The percentage of participants eligible for matriculation was close to that of the total males in Hebrew speaking schools, although a gap remained in the percentage eligible for university registration.

Examination of Program Impact

How much of the differences can be attributed to the impact of the program?

- ❑ Some differences may have derived from the different school characteristics, and from program participants vs. non-participants
- ❑ Thus, impact was examined by comparing the achievements of students in two comparison groups:
 1. Ethiopian-Israeli 12th-graders in non-program schools with characteristics similar to students in program schools with similar school characteristics
 2. Non-Ethiopian-Israeli students attending the same schools as program participants (at 19 schools where the program had been implemented for at least 7 years)

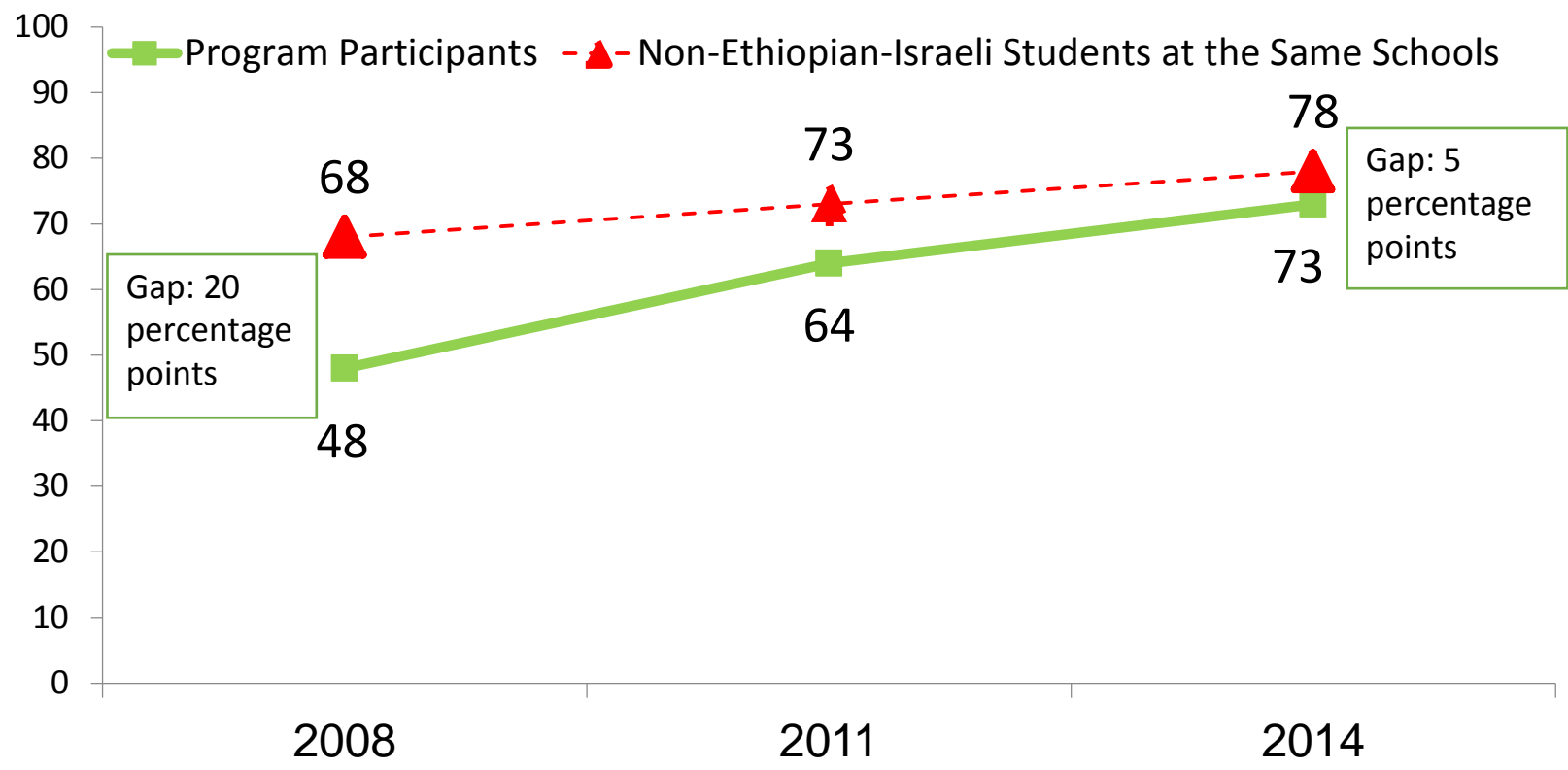
Comparison of Program Participants and Ethiopian-Israeli Students of Similar Characteristics, from Similar Schools (%)



*P<0.05

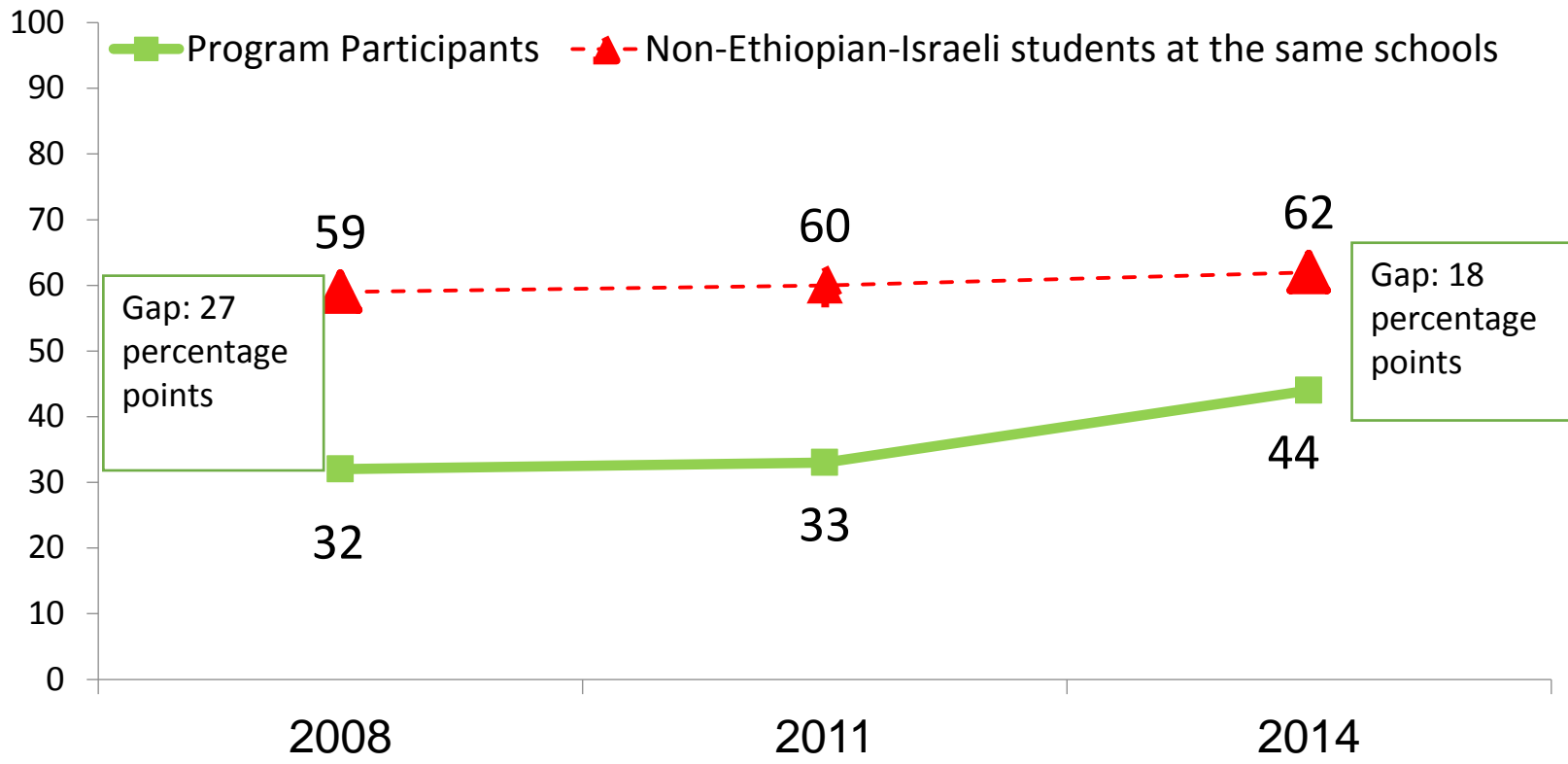
The added impact of the program was especially evident in the percentage eligible for matriculation.

Comparison of Program Participants and non-Ethiopian-Israeli Students at the Same Schools: 19 Schools Participating in the Program for at Least 7 Years, Eligibility for Matriculation (%)



The gap between program participants and non-Ethiopian-Israeli students was 20 percentage points in 2008, and after 7 years that the program was at the school, the gap shrank to 5 percentage points.

Comparison of Program Participants and non-Ethiopian-Israeli Students at the Same Schools: 19 Schools Participating in the Program for at Least 7 Years, Matriculation Eligibility Meeting University Registration Requirements (%)



The gap between program participants and non-Ethiopian-Israeli students was 27 percentage points in 2008, and after 7 years that the program was at the school, the gap shrank to 18 percentage points.

In Conclusion:

- ❑ In 2014, the percentage of program participants eligible for matriculation was higher than of the total students in Hebrew speaking schools.
- ❑ The percentage of boy participants eligible for matriculation was virtually identical to that of the total boys in Hebrew speaking schools; and for girls, it was even higher.
- ❑ The achievements of program participants were higher than similar non-participant students, particularly in the percentage eligible for matriculation.
- ❑ At the 19 schools participating in the program for at least 7 years, there was a significant reduction in the gap in matriculation achievements between program participants and non-Ethiopian-Israeli students, particularly in the percentage eligible for matriculation.
- ❑ Learning English has posed a difficulty, and this affects the ability to achieve a matriculation certificate that meets the requirements of university registration.