

Immigrant fertility in Sweden - a cohort perspective

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Background

- Population projection for Sweden
- Today we study immigrant fertility from a period perspective (TFR)
- The aim with this study is to investigate if it can be a help to study cohort fertility for foreign born women
- The aim is also to calculate the total cohort fertility for foreign born women, both children born in Sweden and before immigration



Data and method

- To estimate total cohort fertility we need information both on childbearing before and after migration
- Childbearing after migration is easy to calculate using Swedish administrative registers covering vital statistics of the entire population
- The childbearing for foreign-born women is estimated by using the information on foreign born women's children that have also immigrated to Sweden
- In the Multi-Generation Register there is a link between children and parents



Data and method (cont.)

This method has some limitations:

- Some foreign-born women may have children outside of Sweden that are not in the registers of Statistics Sweden
- It is also possible that some children have died before the migration event. In some of the mothers' birth countries infant mortality is high

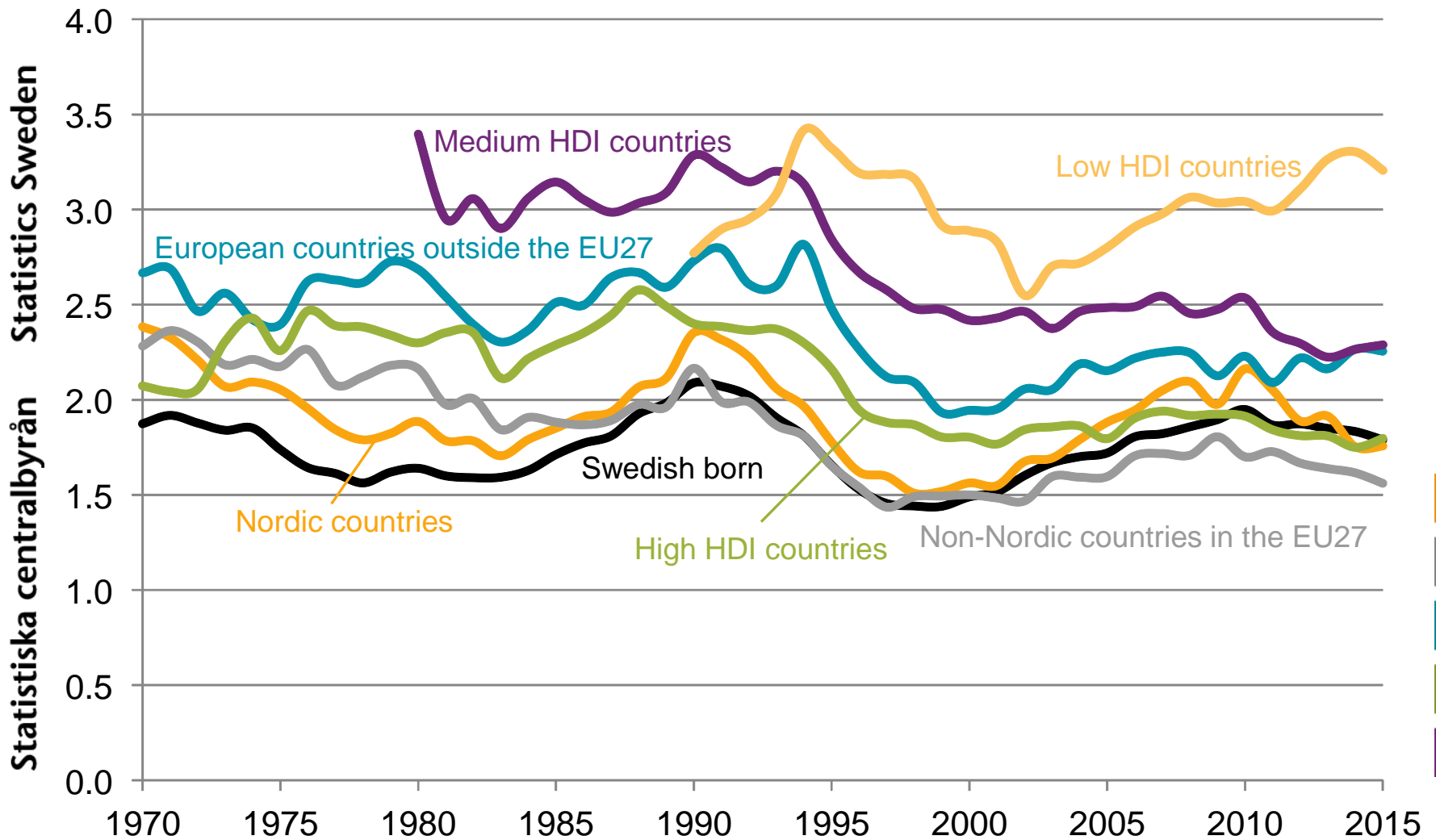


Percentage of children born by mothers birth country group

Country of birth	1970	2000	2015
Sweden	88	82	72
Nordic country	8	2	1
Non-Nordic country of the EU27	3	2	4
Non-EU27 country in Europe	1	4	4
Non-European country, high HDI	0	4	4
Non-European country, medium HDI	0	4	9
Non-European country, low HDI	0	2	6
Summary	100	100	100



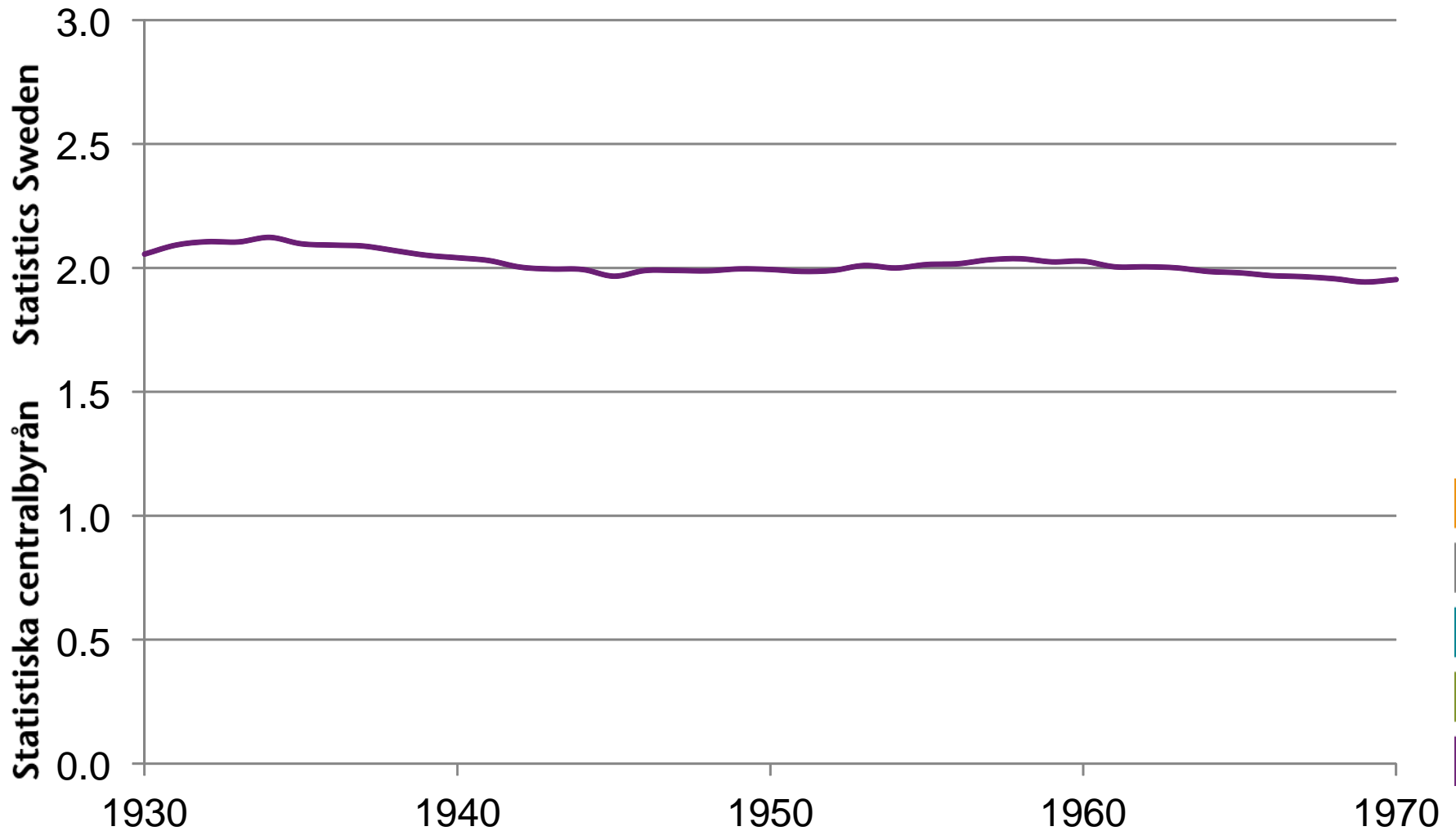
Total fertility rate 1970–2015





Total cohort fertility

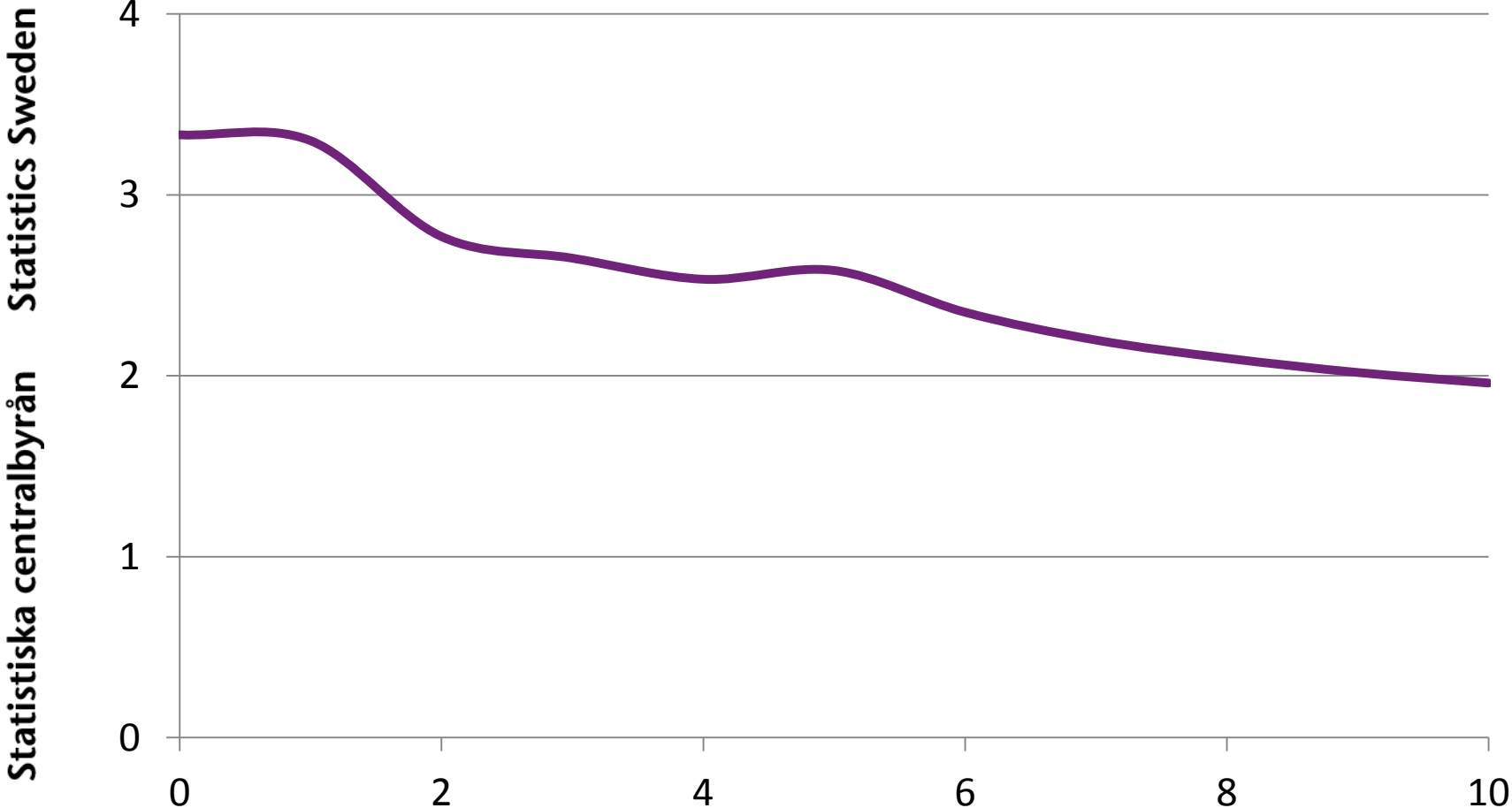
Women born in Sweden 1930-1970





TFR by years since immigration

Year 2000–2013



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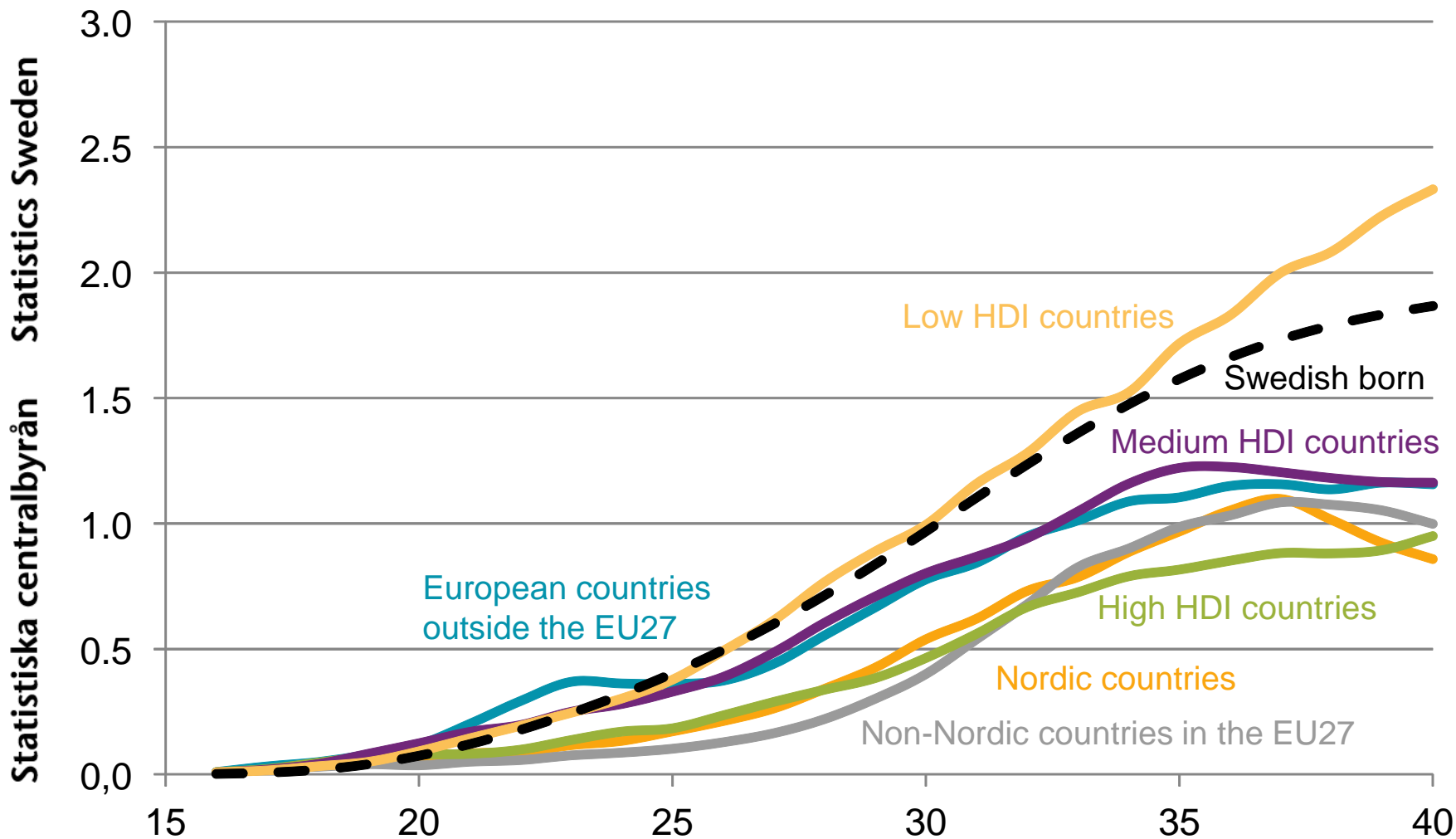
CHILDREN BORN BEFORE MOTHERS IMMIGRATION TO SWEDEN





Average number of children at immigration

Foreign born women cohort 1970–1974 by age





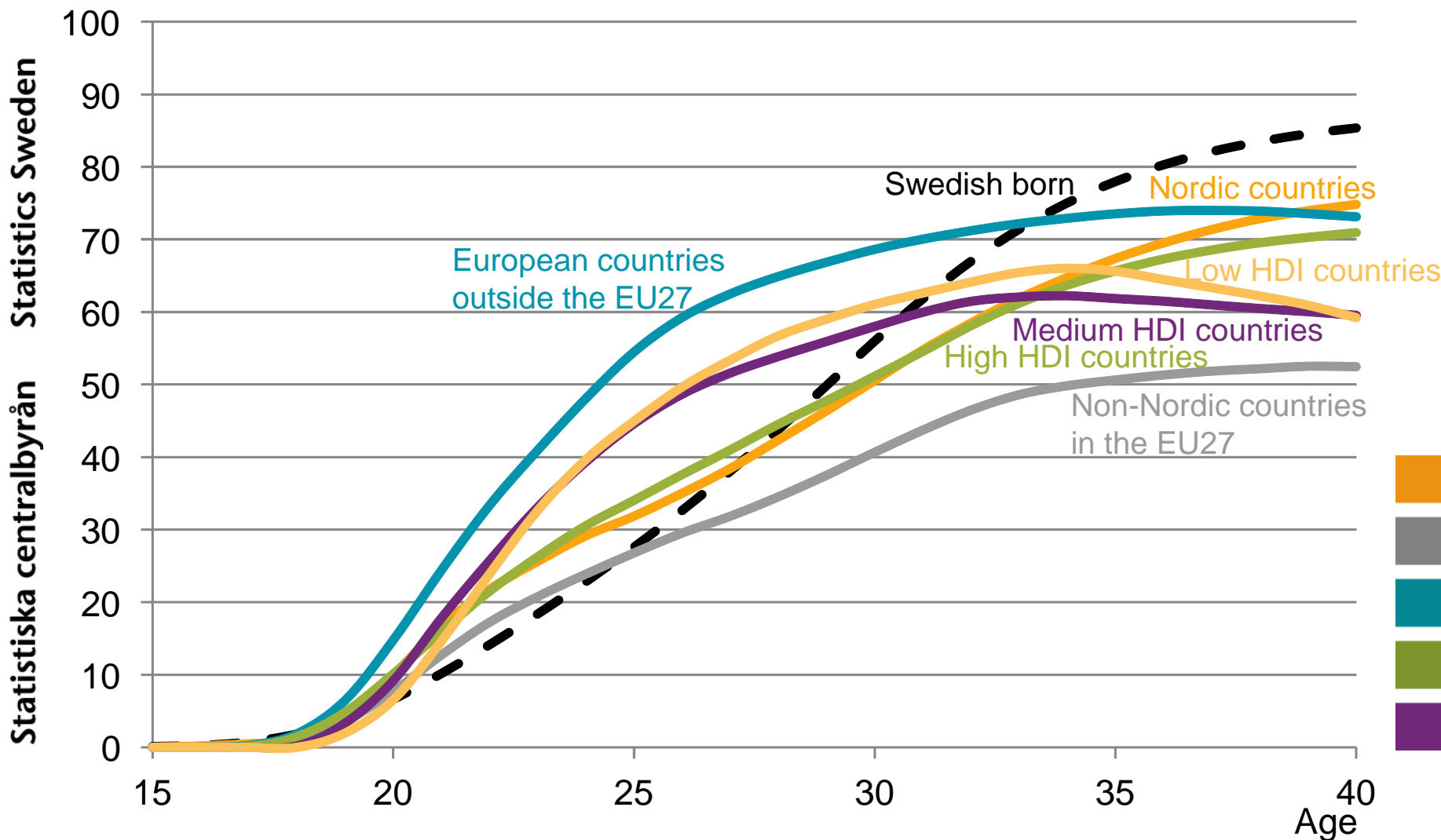
CHILDREN BORN IN SWEDEN





Proportion with at least one child in Sweden

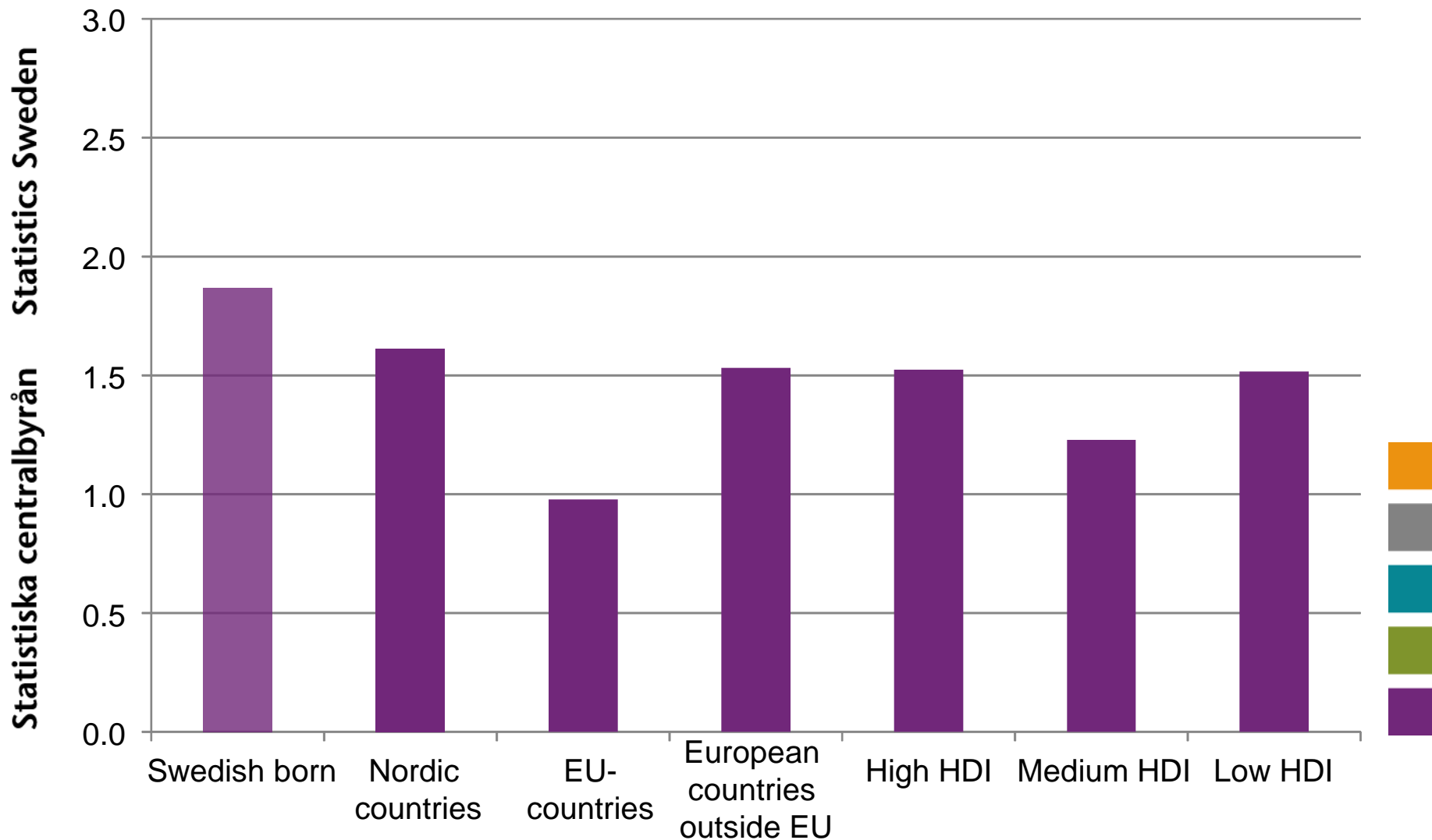
Foreign born women cohort 1970–1974 by age





Average number of children born in Sweden

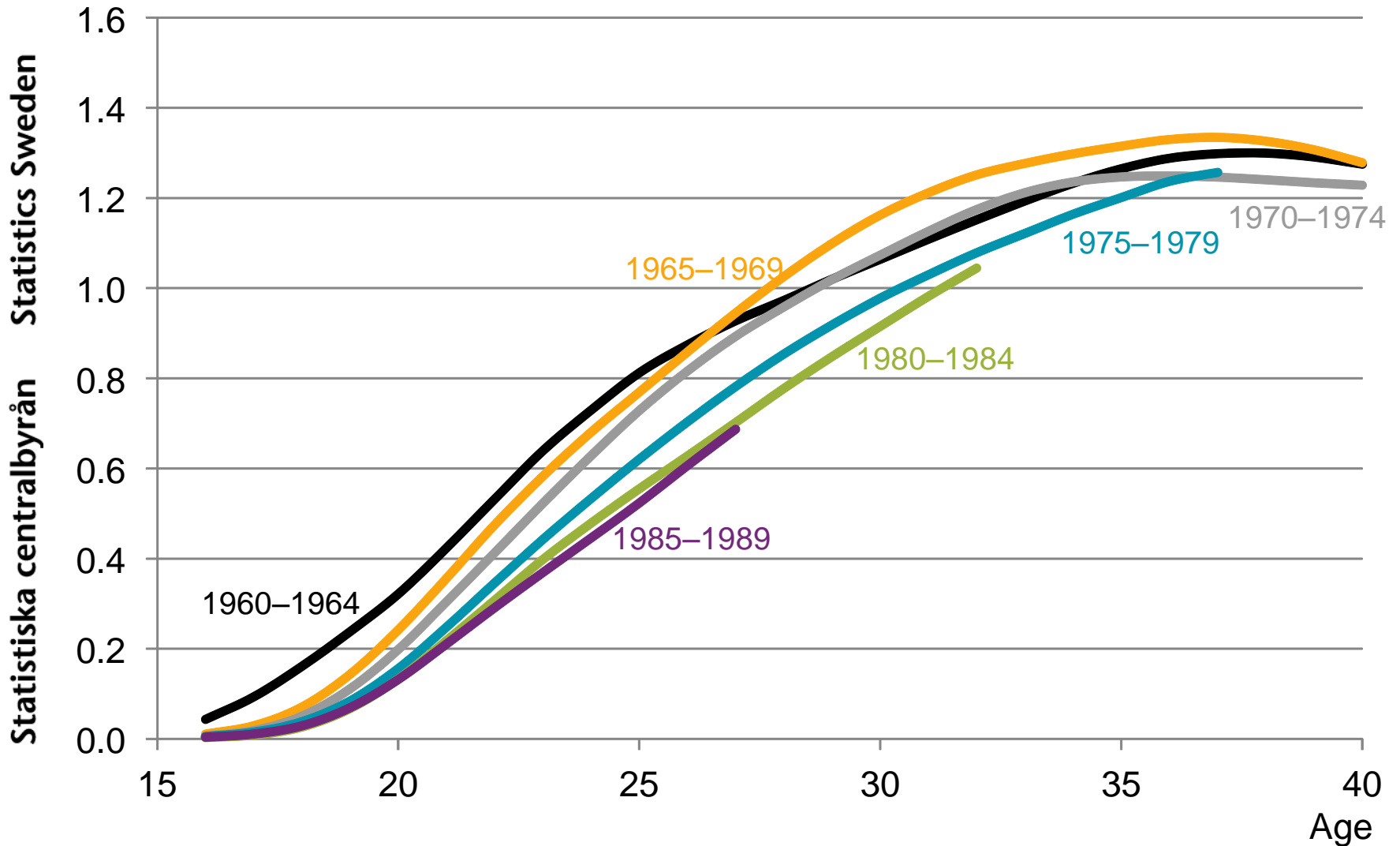
Women born 1970–1973 at age 40





Average number of children born in Sweden

Women born in non-European country, medium HDI





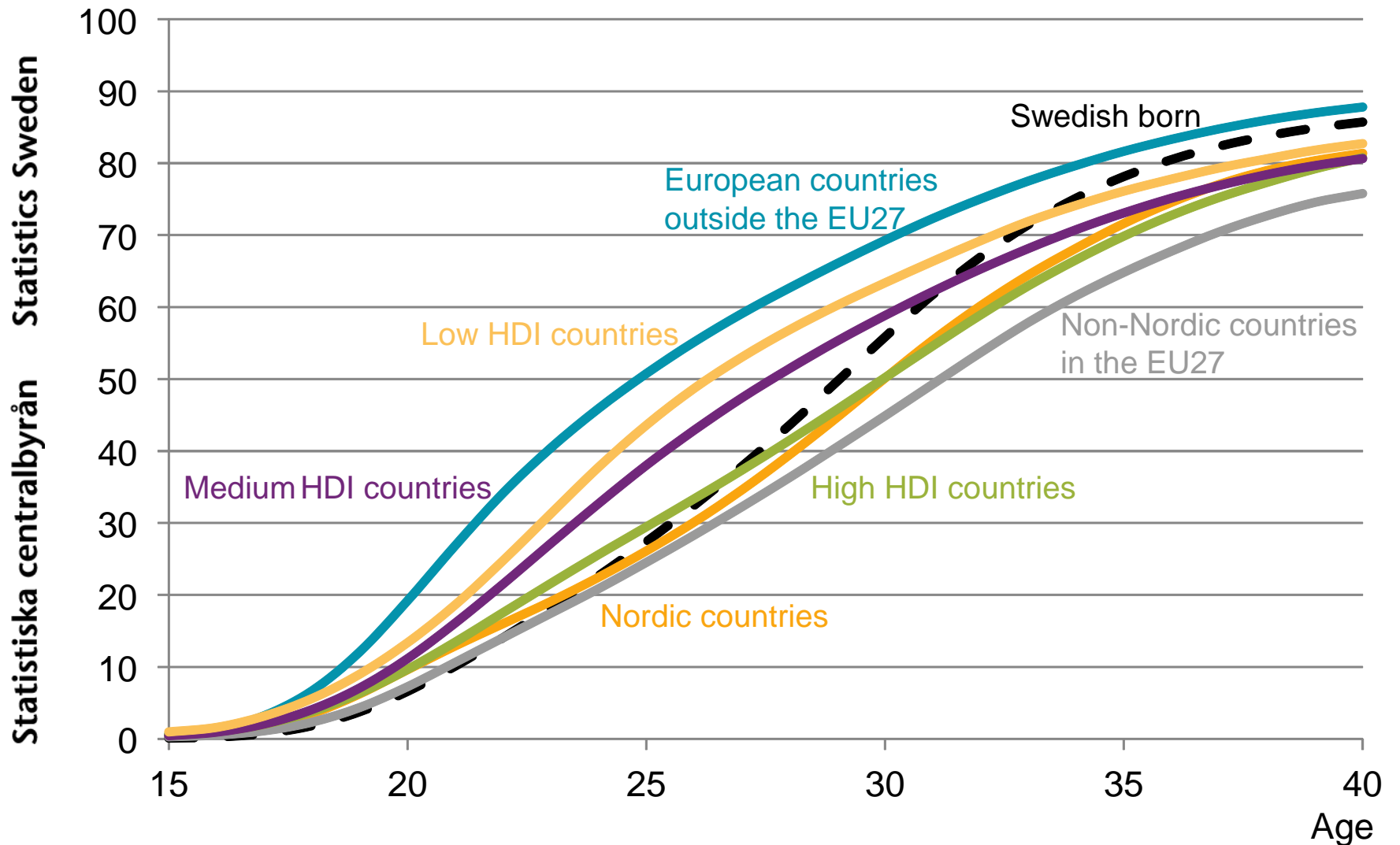
CHILDREN BORN BOTH BEFORE MOTHERS IMMIGRATION AND IN SWEDEN





Proportion with at least one child

Foreign born women cohort 1970–1974 by age

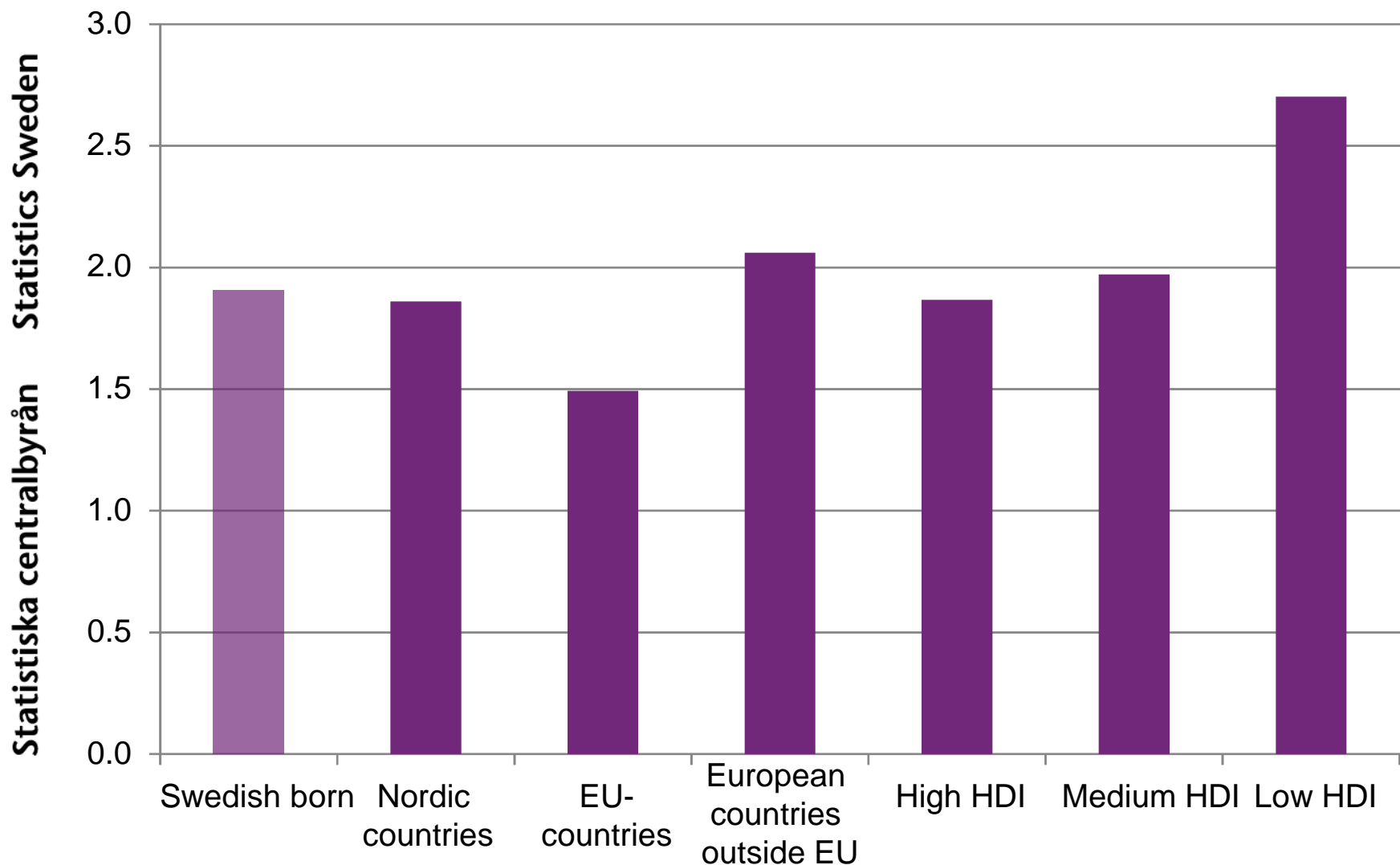


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Total average number of children

Women born 1970–1974 at age 40



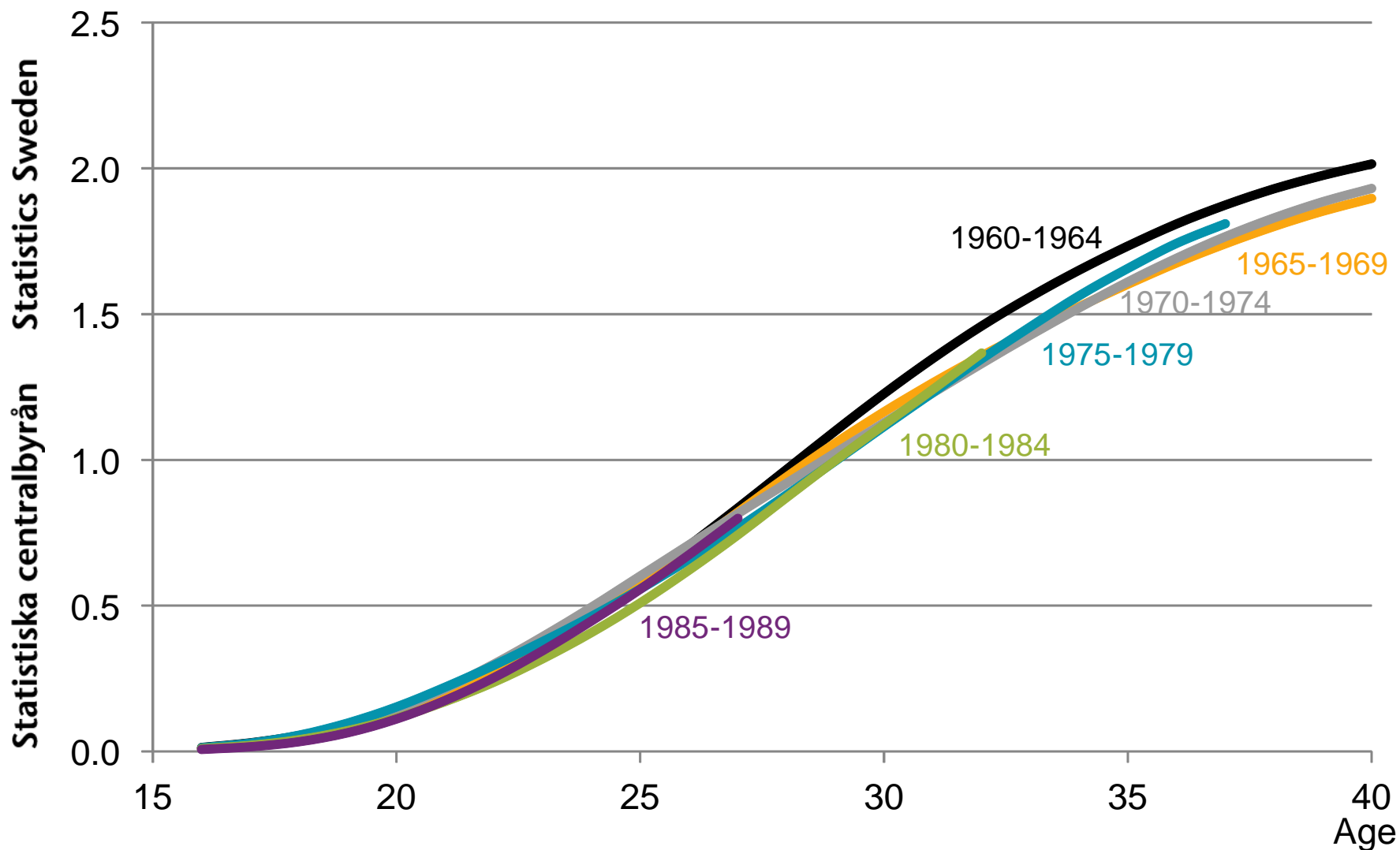
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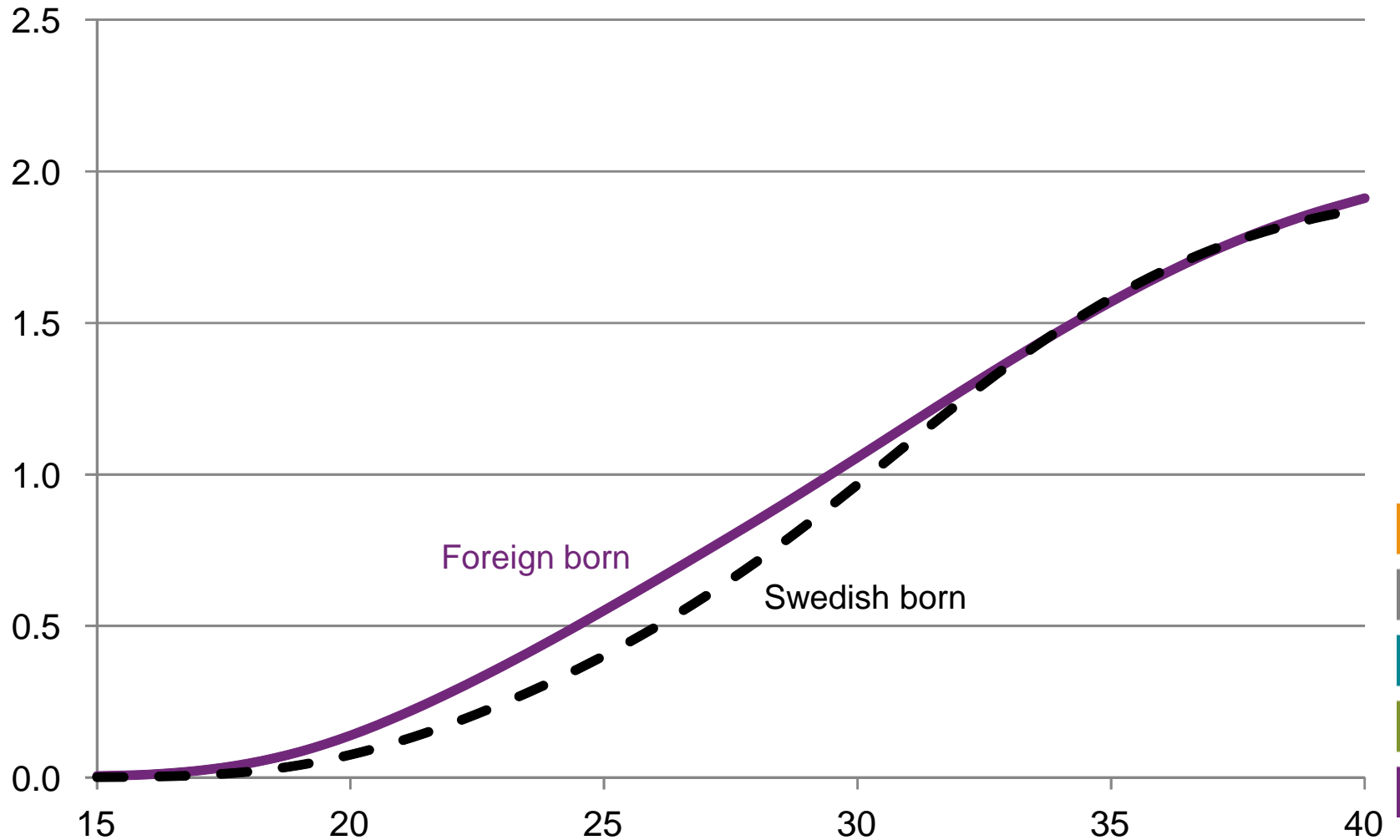
Average number of children

Women born in non-European country, medium HDI



Average number of children

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Thank you!

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