

# The Kindergarten Year



# Kindergartners in 2010-11

- Gaps in reading, math, science, and learning behaviors exist by the time children enter kindergarten
- First-time kindergartners from poorer families and from certain racial and ethnic backgrounds tend to score lower than their peers
- Most groups of first-time kindergartners improve during the year in reading, math, and science knowledge, and in learning behaviors, but gaps between groups persist
- Smaller proportions of 5-year-olds are entering kindergarten

SOURCE: Federal Interagency Forum on Child and Family Statistics. *America's Children: Key National Indicators of Well-Being, 2013*, from the Early Childhood Longitudinal Study, Kindergarten Class of 2010-11.

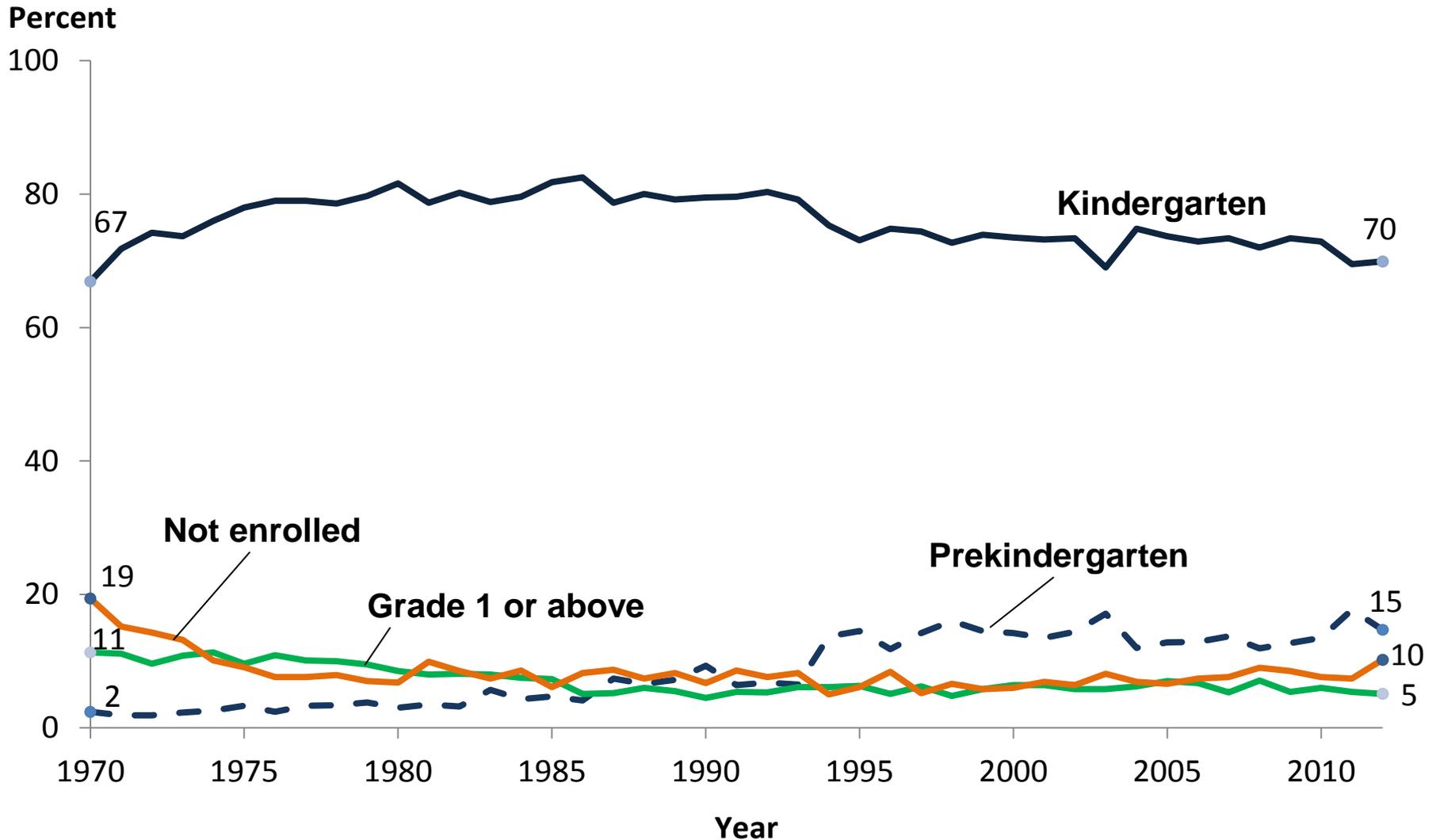
# Overview of Kindergarten Assessments

*Scores represent a wide range of skills*

Assessment	Score range	Average scores for <i>first-time</i> kindergartners
Reading	0–83	Fall = 34.7 Spring = 49.5
Mathematics	0–75	Fall = 29.3 Spring = 42.0
Science	0–20	Spring = 11.4
Approaches to Learning	1–4	Fall = 2.9 Spring = 3.1

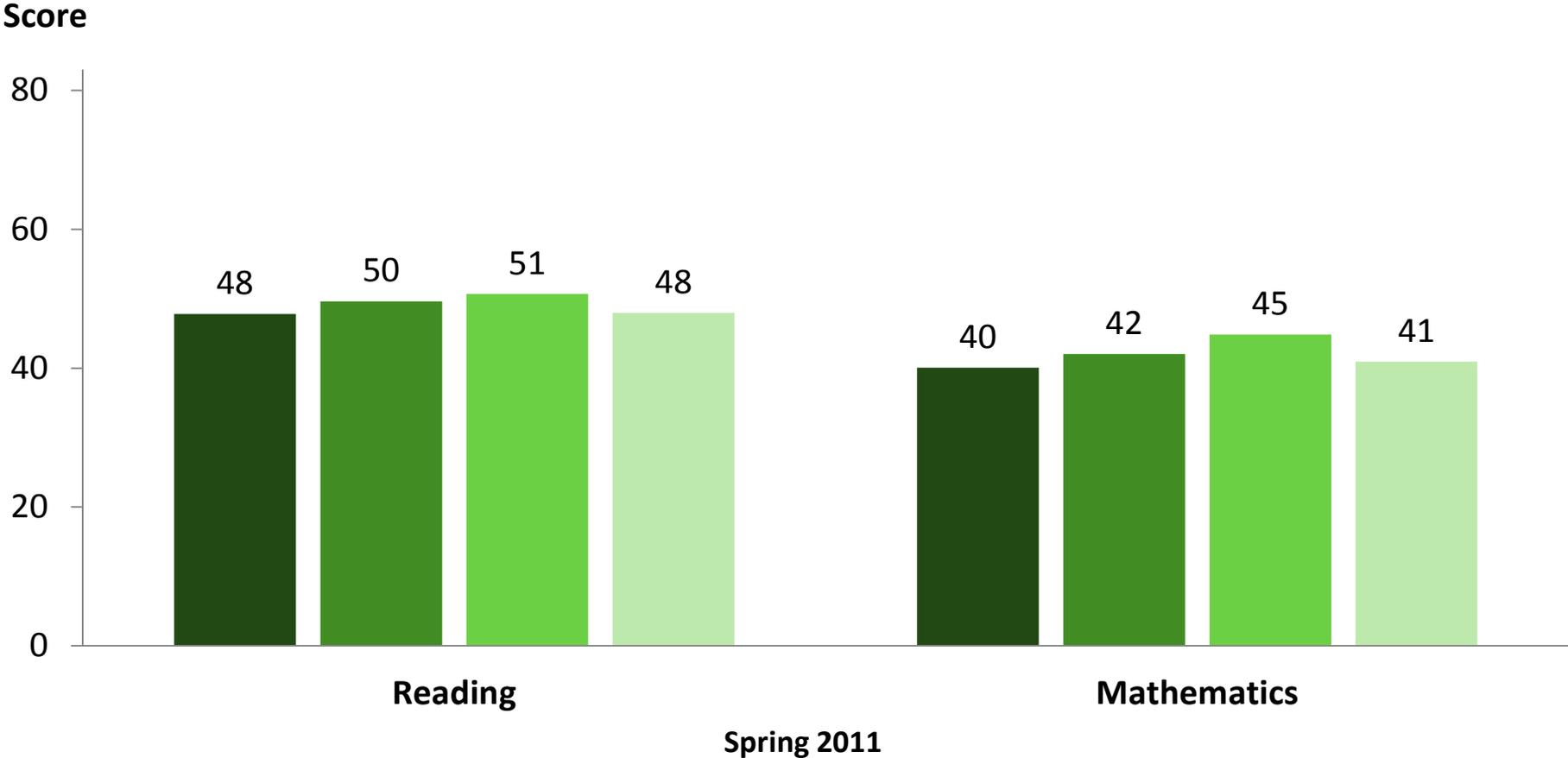
SOURCE: Federal Interagency Forum on Child and Family Statistics. *America's Children: Key National Indicators of Well-Being, 2013*, from the Early Childhood Longitudinal Study, Kindergarten Class of 2010-11.

# Trends in the education of 5-year-olds: Where are they?



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Digest of Education Statistics, 2012* (NCES 2013-037), from the Current Population Survey (various years).

# Reading and math scores higher for delayed-entry kindergartners

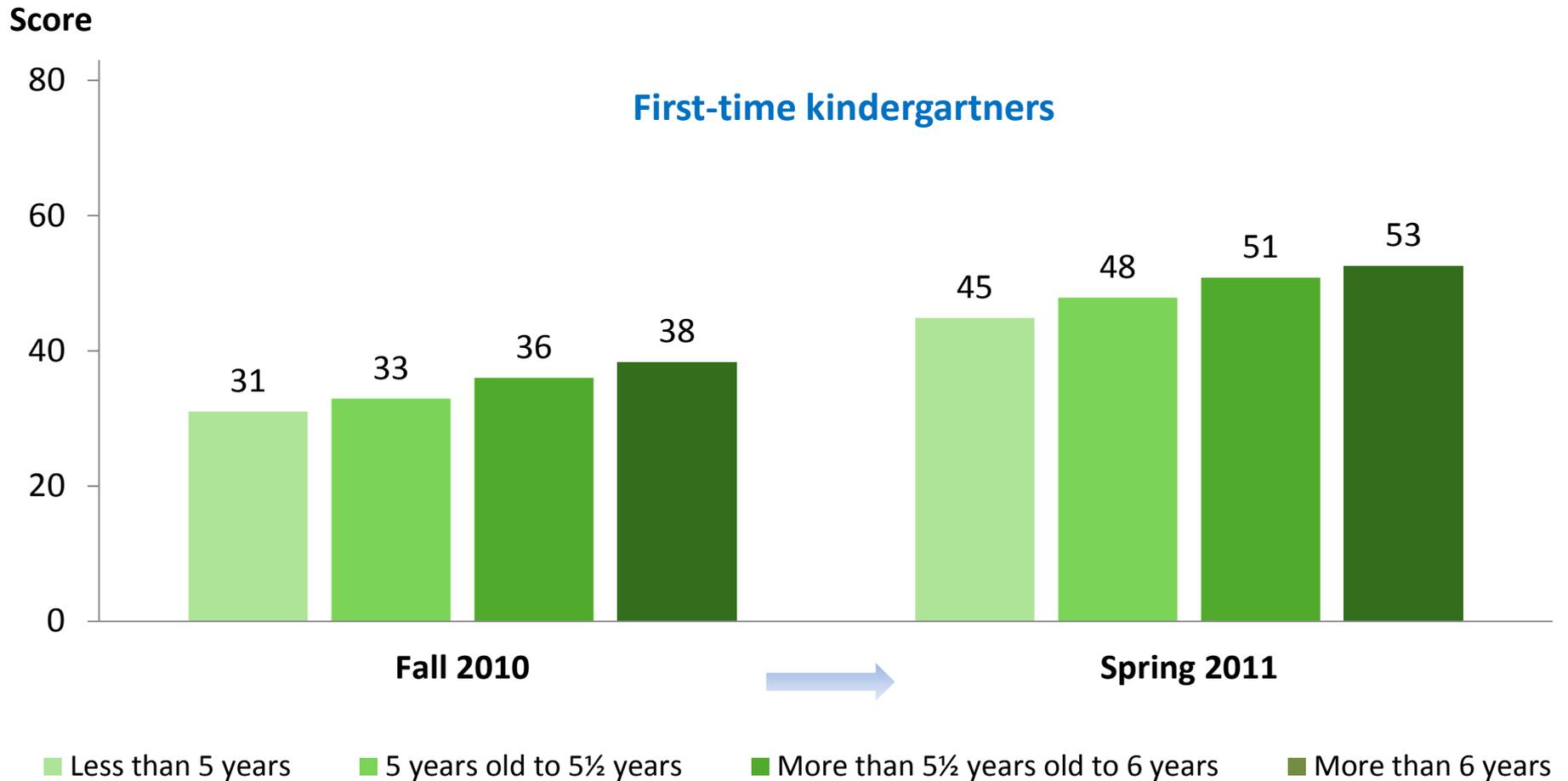


■ Early-entry kindergartners ■ On-time kindergartners ■ Delayed-entry kindergartners ■ Repeating kindergartners

SOURCE: U.S. Department of Education, National Center for Education Statistics, *The Condition of Education, 2013* (NCES 2013-037), from the Early Childhood Longitudinal Study, Kindergarten Class of 2010-11.

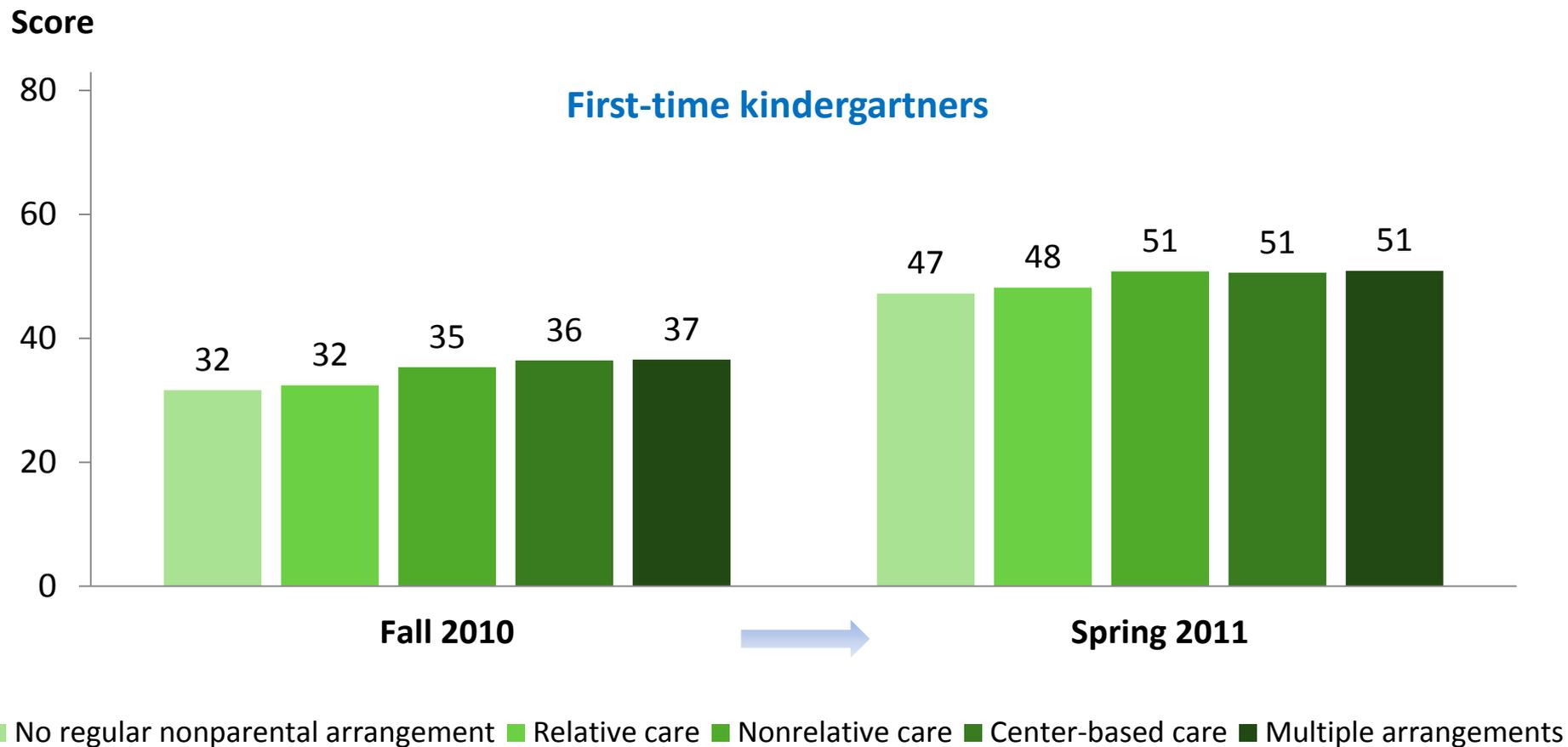
# Older kindergartners have higher average reading scores

## Scores for all age groups improve between the fall and the spring



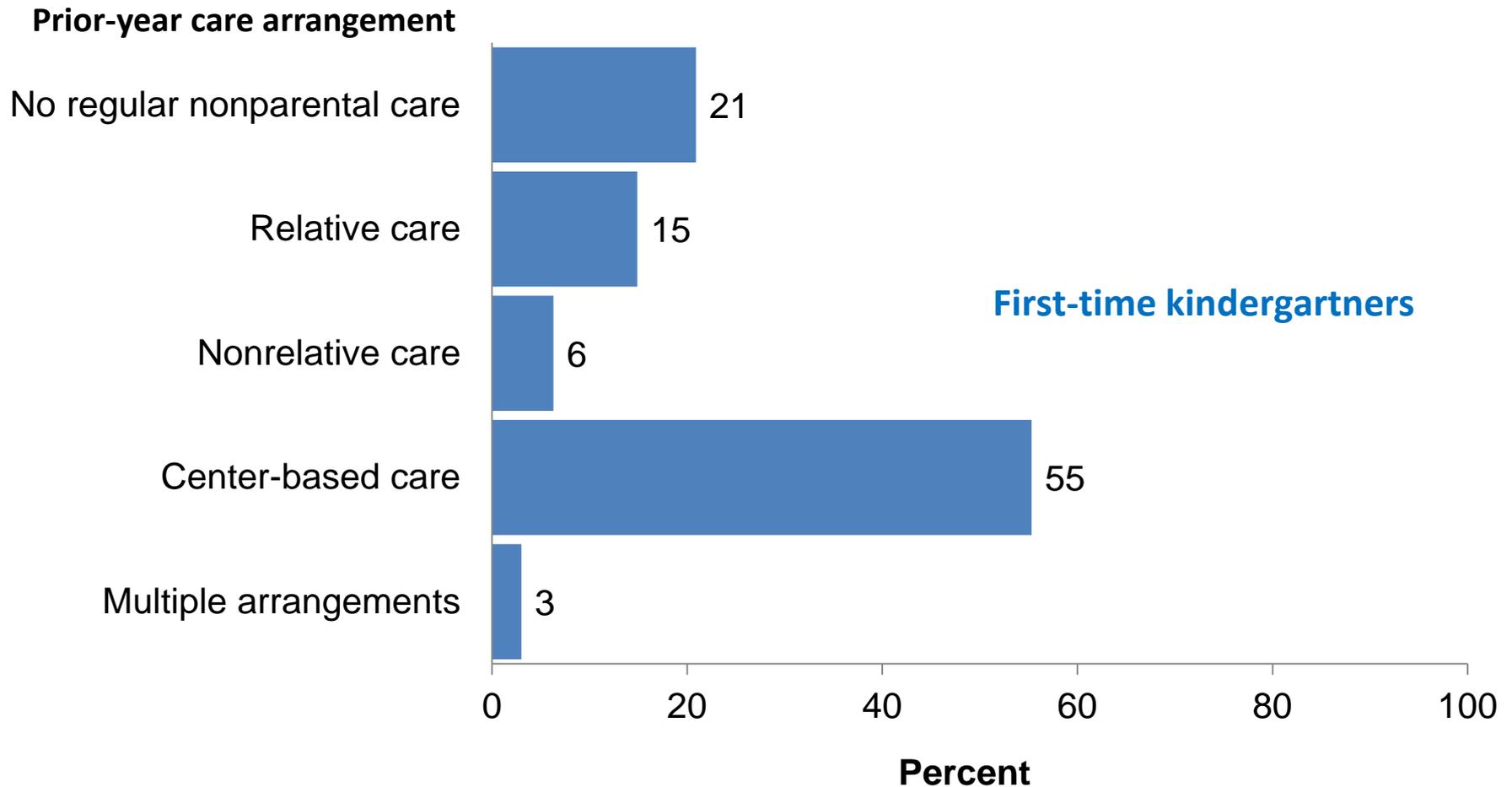
SOURCE: Federal Interagency Forum on Child and Family Statistics. *America's Children: Key National Indicators of Well-Being, 2013*, from the Early Childhood Longitudinal Study, Kindergarten Class of 2010-11.

# Higher reading scores for those in day care centers before kindergarten



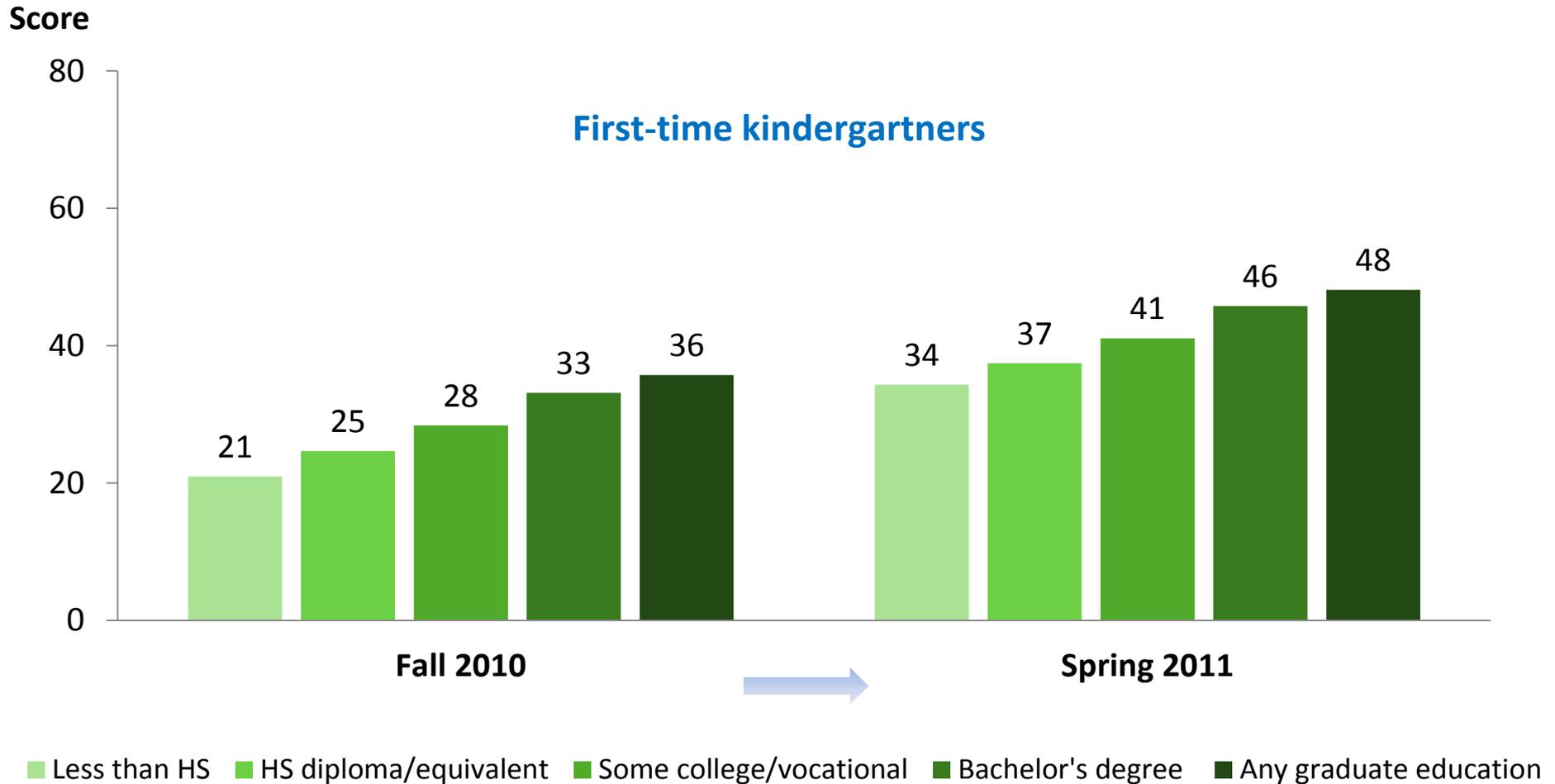
SOURCE: Federal Interagency Forum on Child and Family Statistics. *America's Children: Key National Indicators of Well-Being, 2013*, from the Early Childhood Longitudinal Study, Kindergarten Class of 2010-11.

# Kindergartners' primary care arrangement before kindergarten



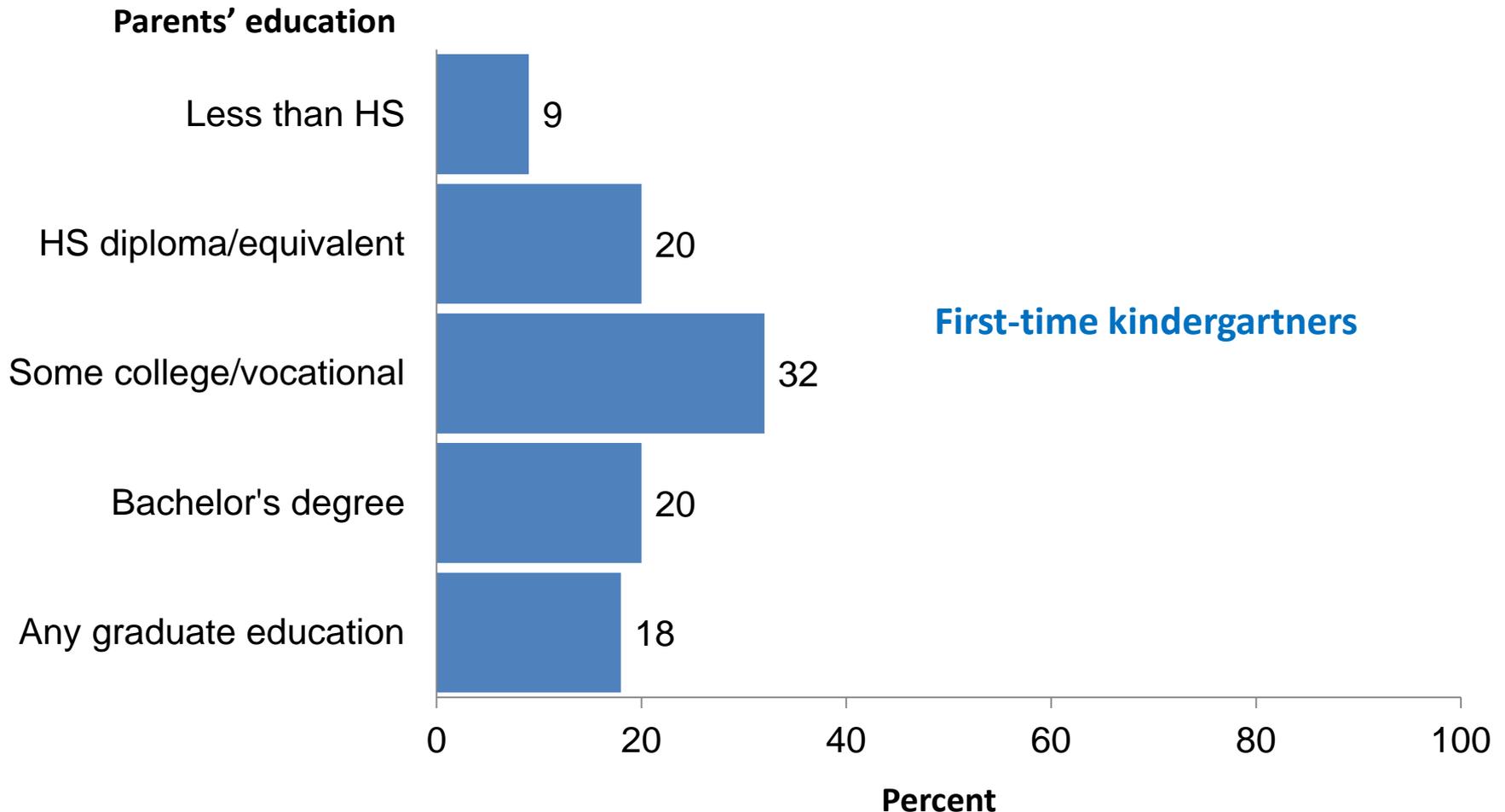
SOURCE: Federal Interagency Forum on Child and Family Statistics. *America's Children: Key National Indicators of Well-Being, 2013*, from the Early Childhood Longitudinal Study, Kindergarten Class of 2010-11.

# Kindergartners of more educated parents have higher math scores



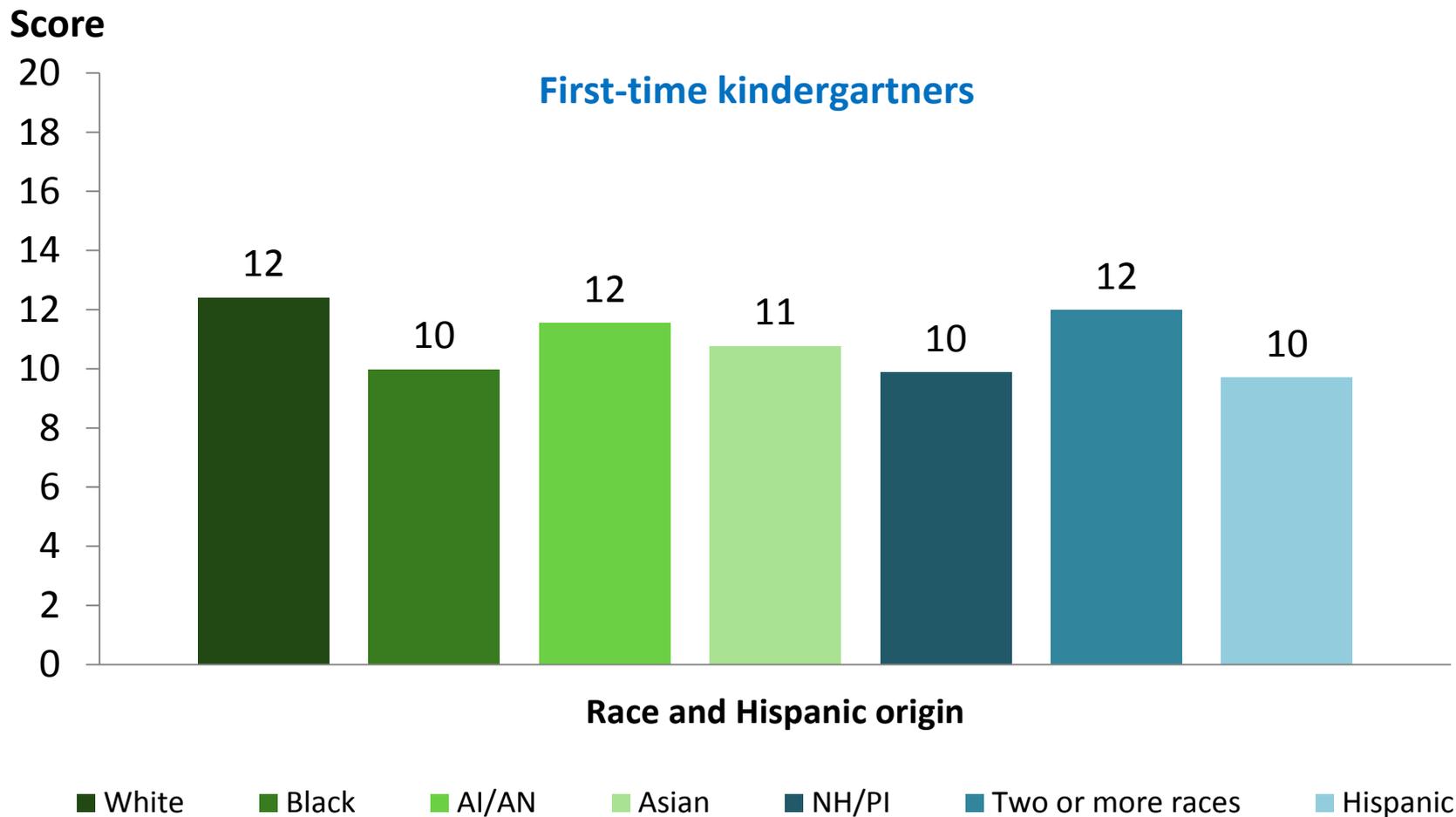
SOURCE: Federal Interagency Forum on Child and Family Statistics. *America's Children: Key National Indicators of Well-Being, 2013*, from the Early Childhood Longitudinal Study, Kindergarten Class of 2010-11.

# Highest education levels of kindergartners' parents



SOURCE: Federal Interagency Forum on Child and Family Statistics. *America's Children: Key National Indicators of Well-Being, 2013*, from the Early Childhood Longitudinal Study, Kindergarten Class of 2010-11.

# Spring science scores vary by kindergartners' race and Hispanic origin

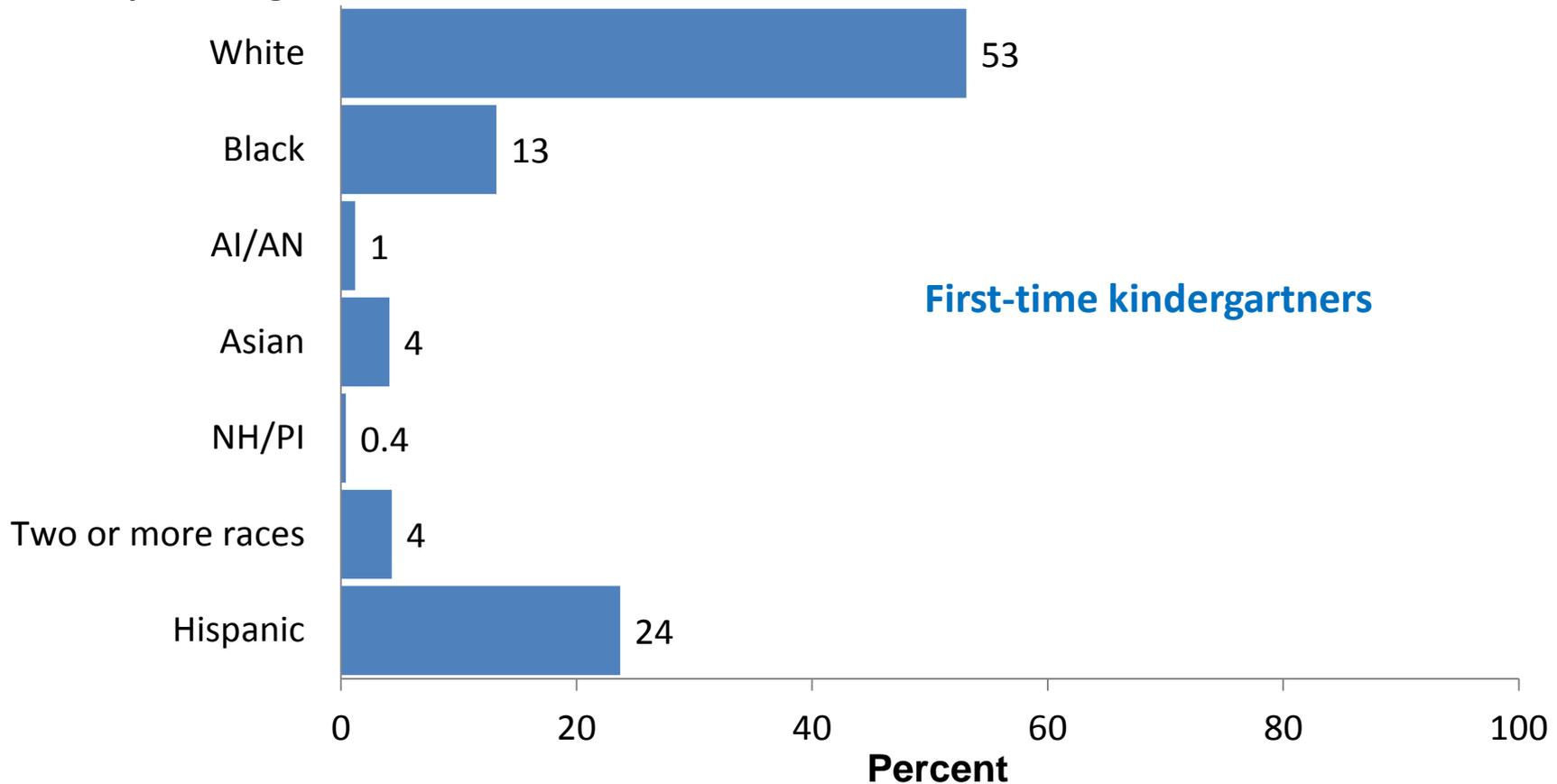


AI/AN=American Indian/Alaska Native; NH/PI=Native Hawaiian/Pacific Islander

SOURCE: Federal Interagency Forum on Child and Family Statistics. *America's Children: Key National Indicators of Well-Being, 2013*, from the Early Childhood Longitudinal Study, Kindergarten Class of 2010-11.

# Kindergartners' race and Hispanic origin

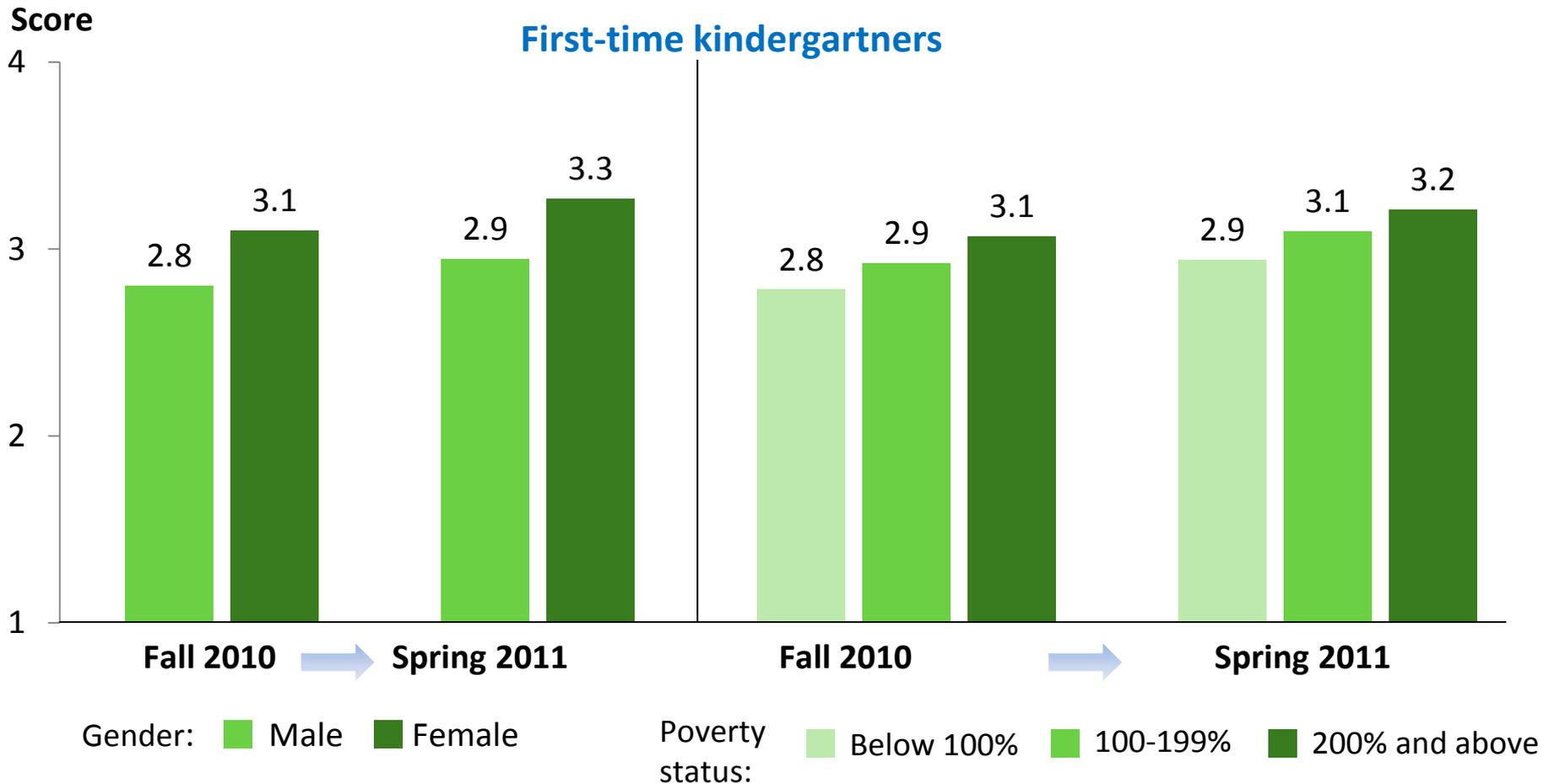
## Race and Hispanic origin



AI/AN=American Indian/Alaska Native; NH/PI=Native Hawaiian/Pacific Islander

SOURCE: Federal Interagency Forum on Child and Family Statistics. *America's Children: Key National Indicators of Well-Being, 2013*, from the Early Childhood Longitudinal Study, Kindergarten Class of 2010-11.

# Female kindergartners and those from wealthier families have more positive learning behaviors



SOURCE: Federal Interagency Forum on Child and Family Statistics. *America's Children: Key National Indicators of Well-Being, 2013*, from the Early Childhood Longitudinal Study, Kindergarten Class of 2010-11.