



Vanguard Study Recruitment Data Update

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Outline



- Enumeration and Pregnancy Screening (EPSC) status
- Eligibility and Enrollment status
- Pregnancy data collection status
- Media Outreach

Original 7 Vanguard Centers



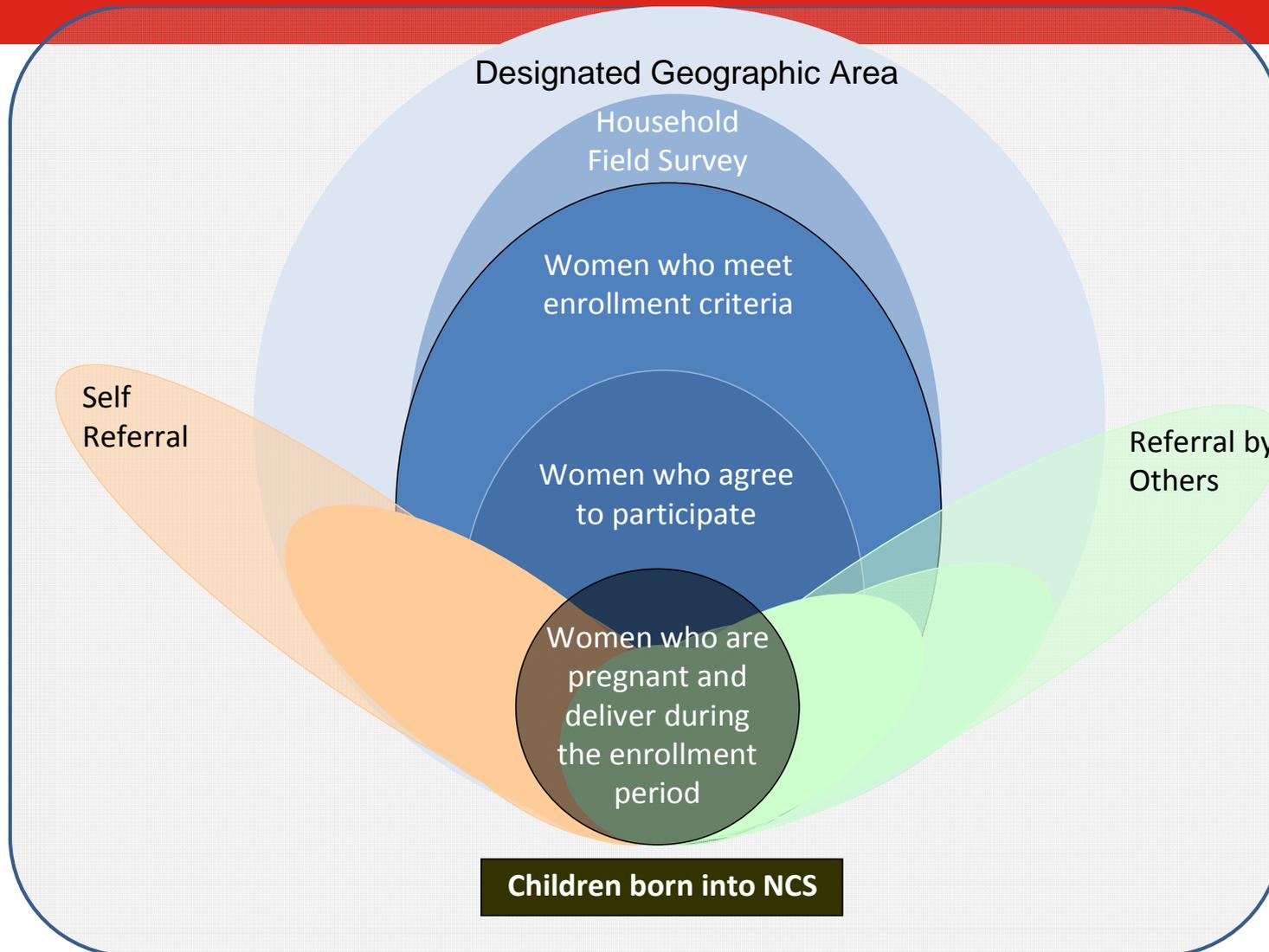
Group 1 – Began Data Collection in January '09

- University of North Carolina – Duplin County
- Mount Sinai School of Medicine –Queens

Group 2 – Began Data Collection April '09

- Children's Hospital of Philadelphia – Montgomery County, PA
- South Dakota State – Four adjacent counties in Minnesota and South Dakota (BYPL)
- University of California, Irvine – Orange County, CA
- University of Utah – Salt Lake County, UT
- University of Wisconsin- Waukesha County, WI

National Children's Study Enrollment



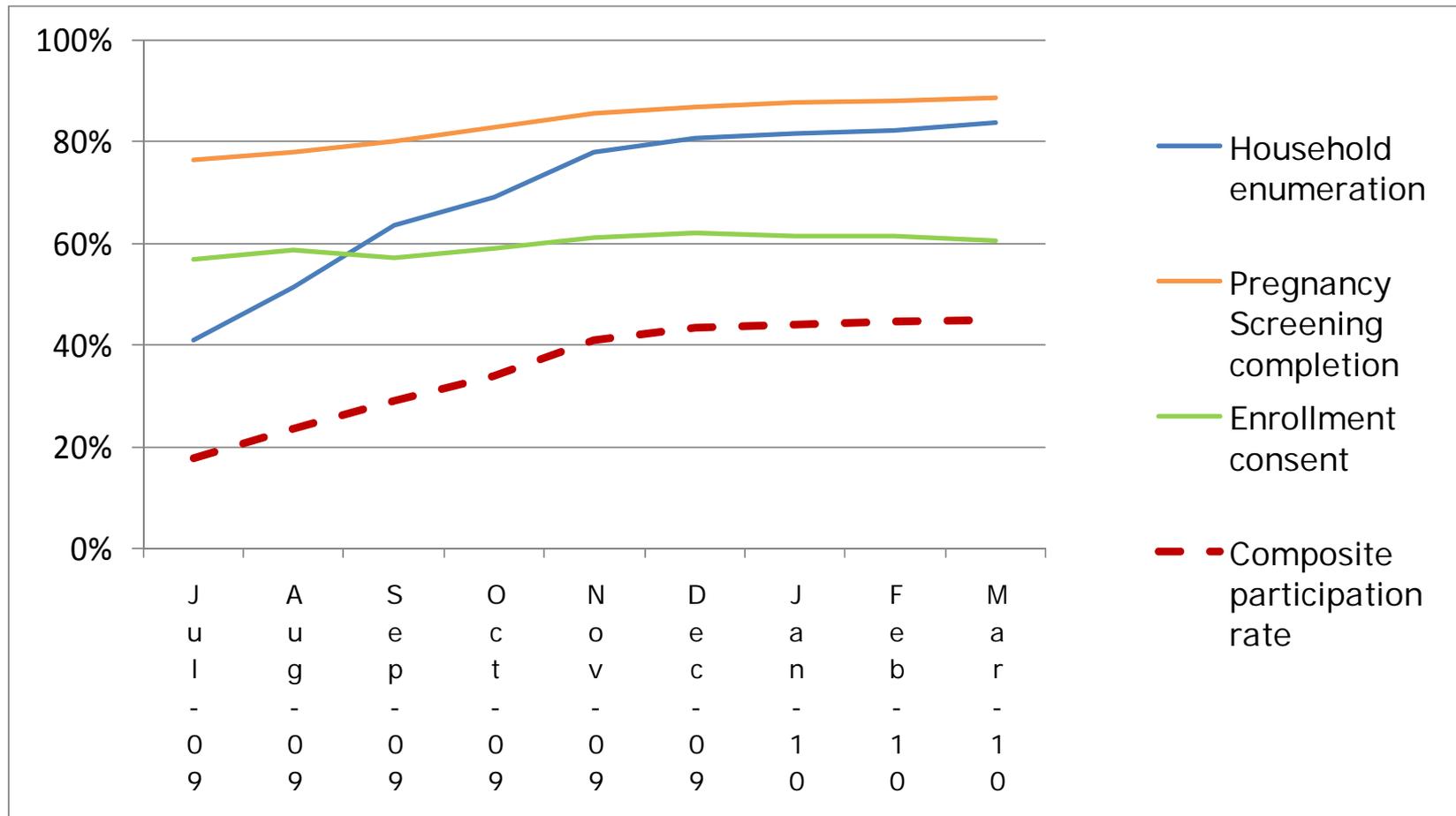
Recruitment Status as of the End of March 2010



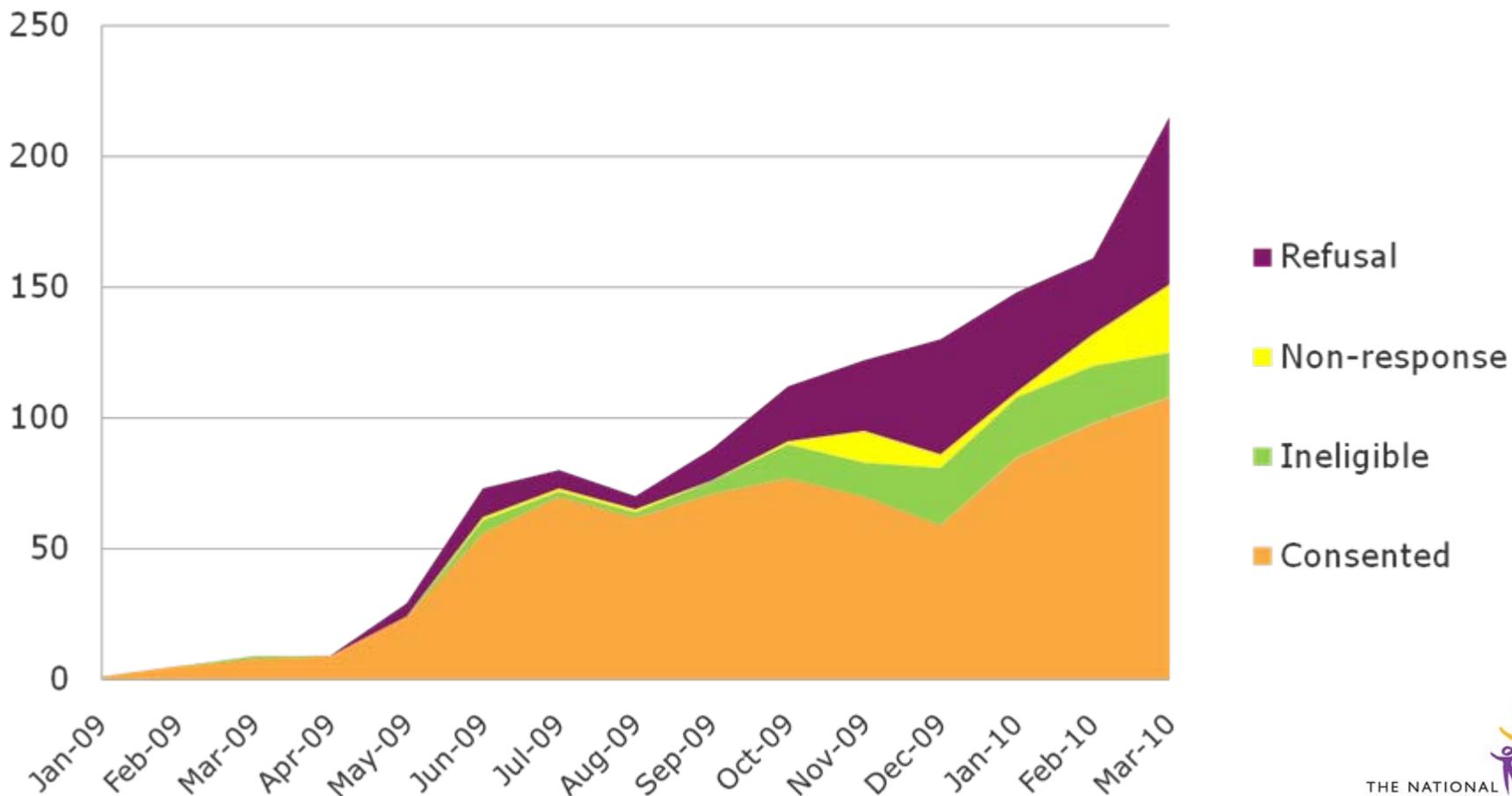
Recruitment stage	Number of cases	Response rate*
Total Listed Households	83,394	
Household Enumeration Completed	65,737	84%
Age-eligible Women Identified	32,288	
Pregnancy Screening Completed	28,641	89%
Study Eligible Women Identified	1,459	
Consented/Enrolled Women	806	61%

* Respondents further determined to be ineligible are excluded from the denominator in computing response rates.

Cumulative Recruitment Rate Trend

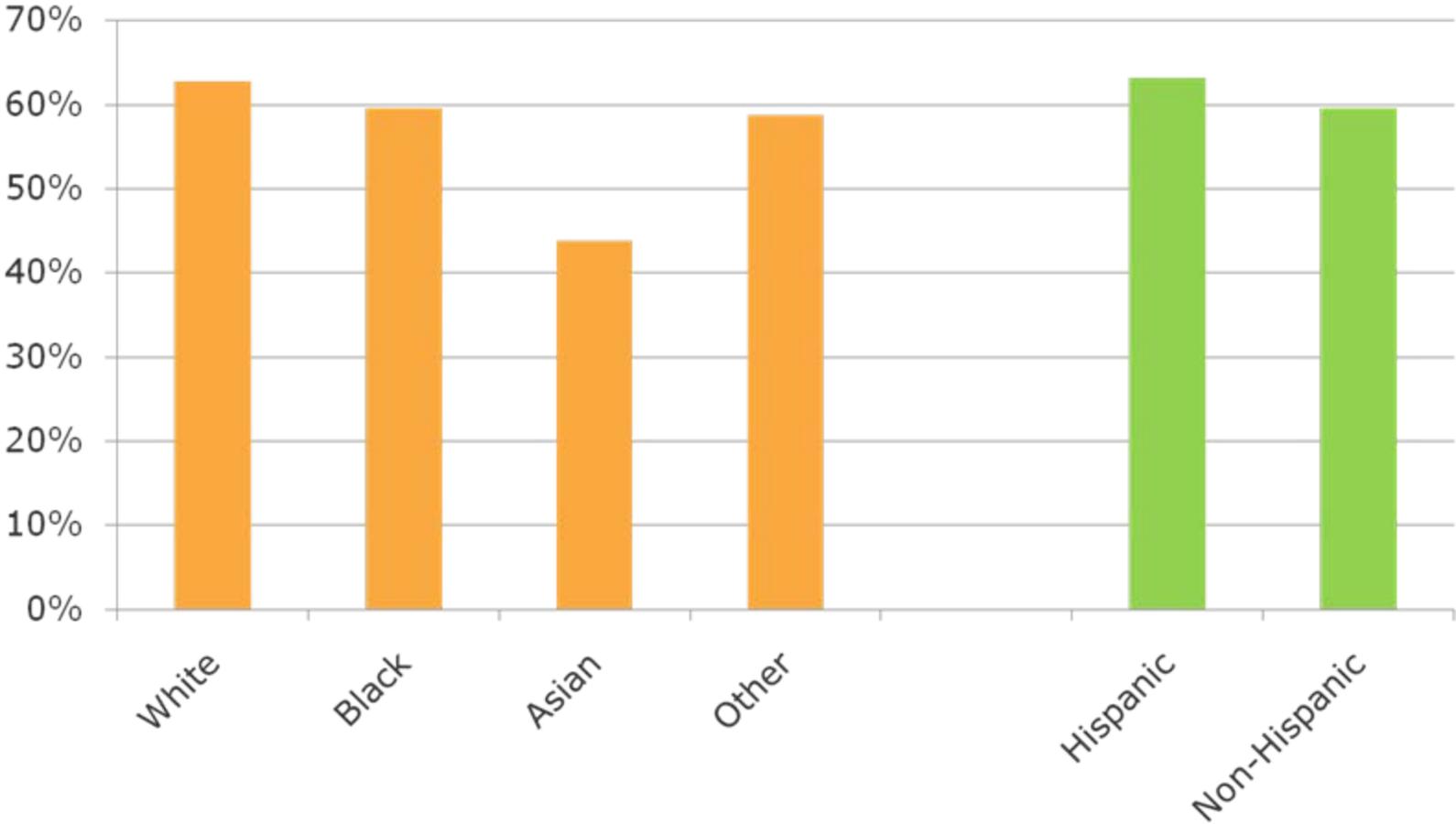


Monthly Number of Study-Eligible Women by Consent Outcome



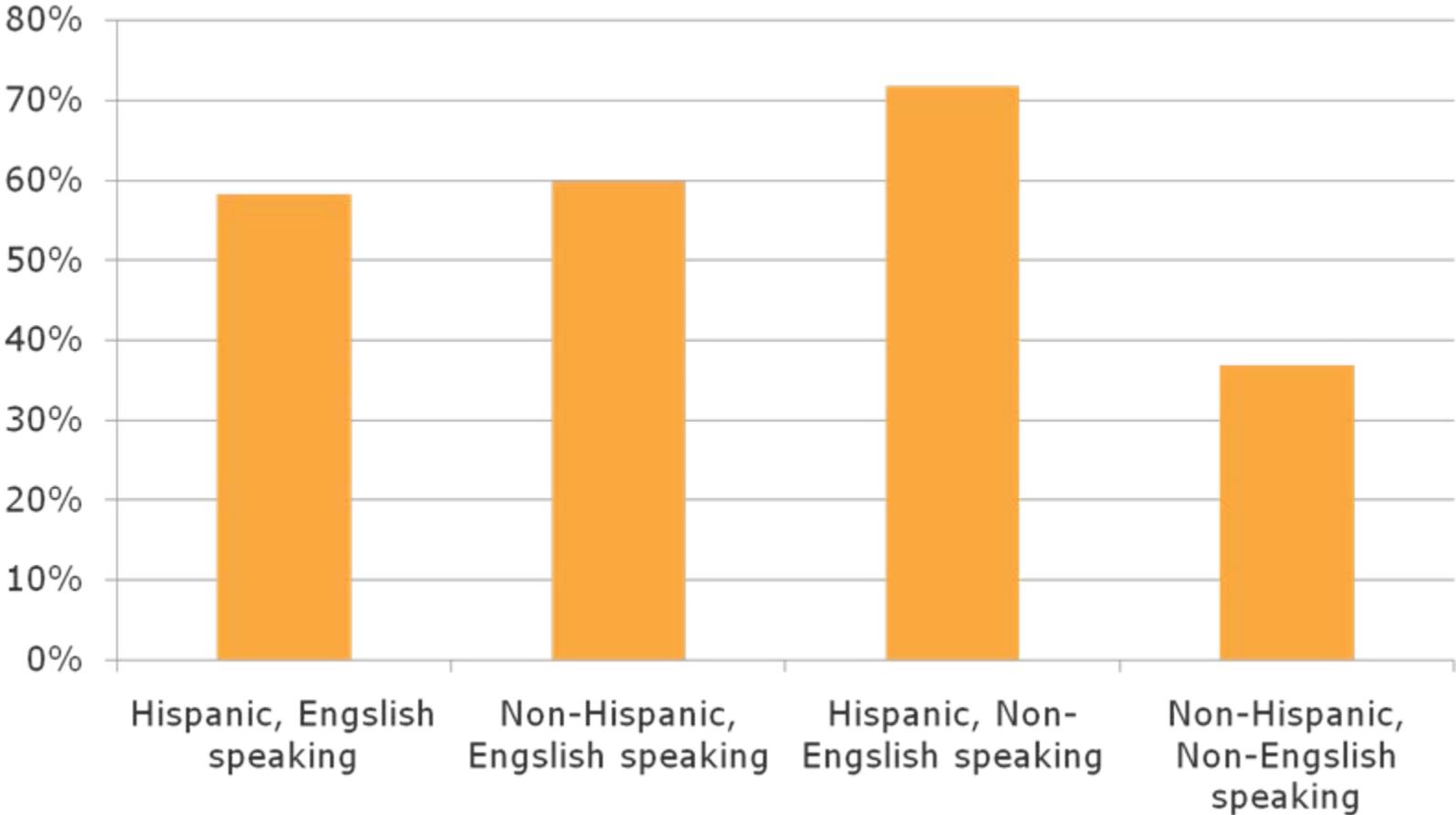


Consent Rate by Race and by Ethnicity

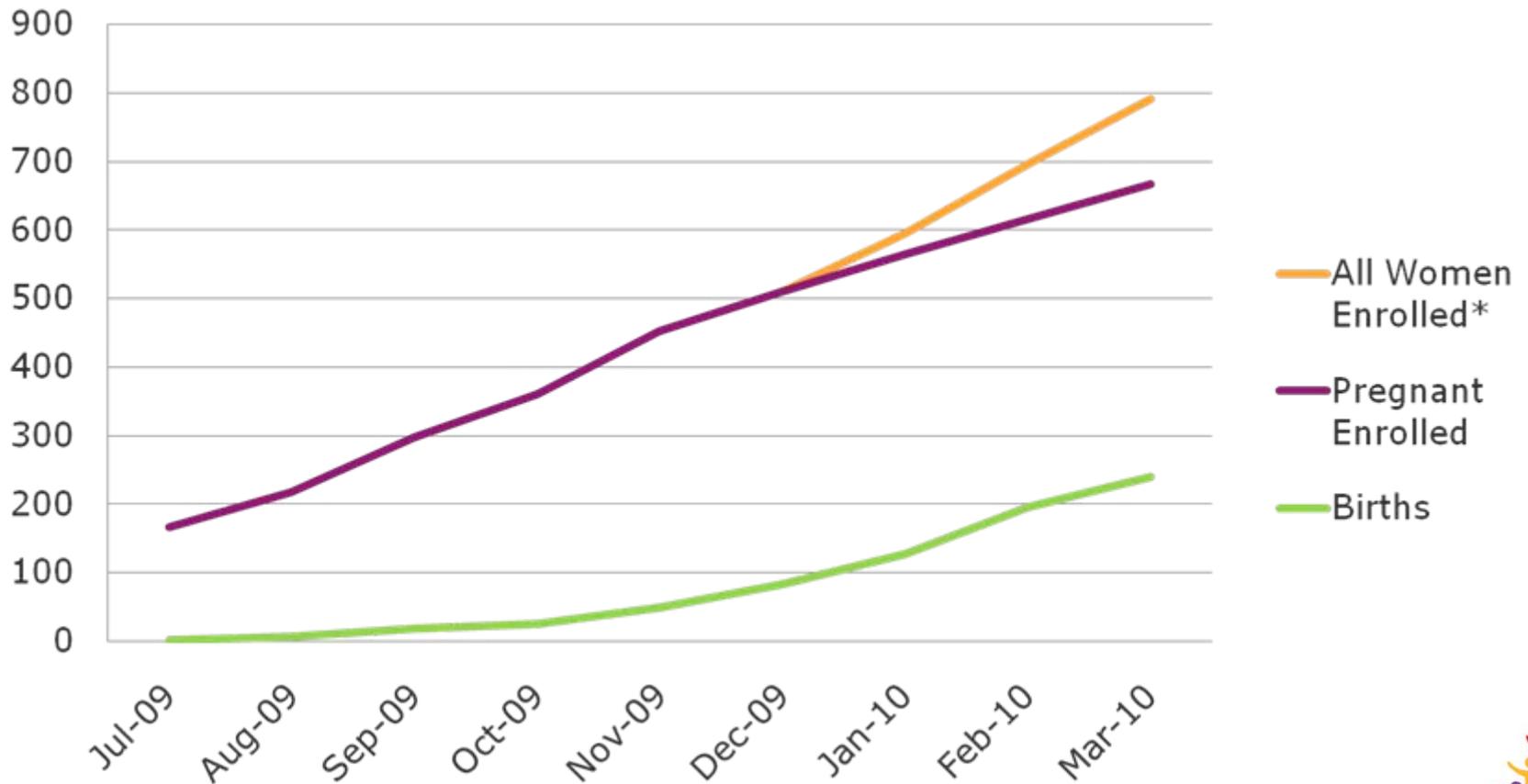




Consent Rate by Ethnicity and Survey Language



Cumulative Number of Enrolled Women and Births



* Includes pre-conception women

Number of enrolled women by due date and births obtained

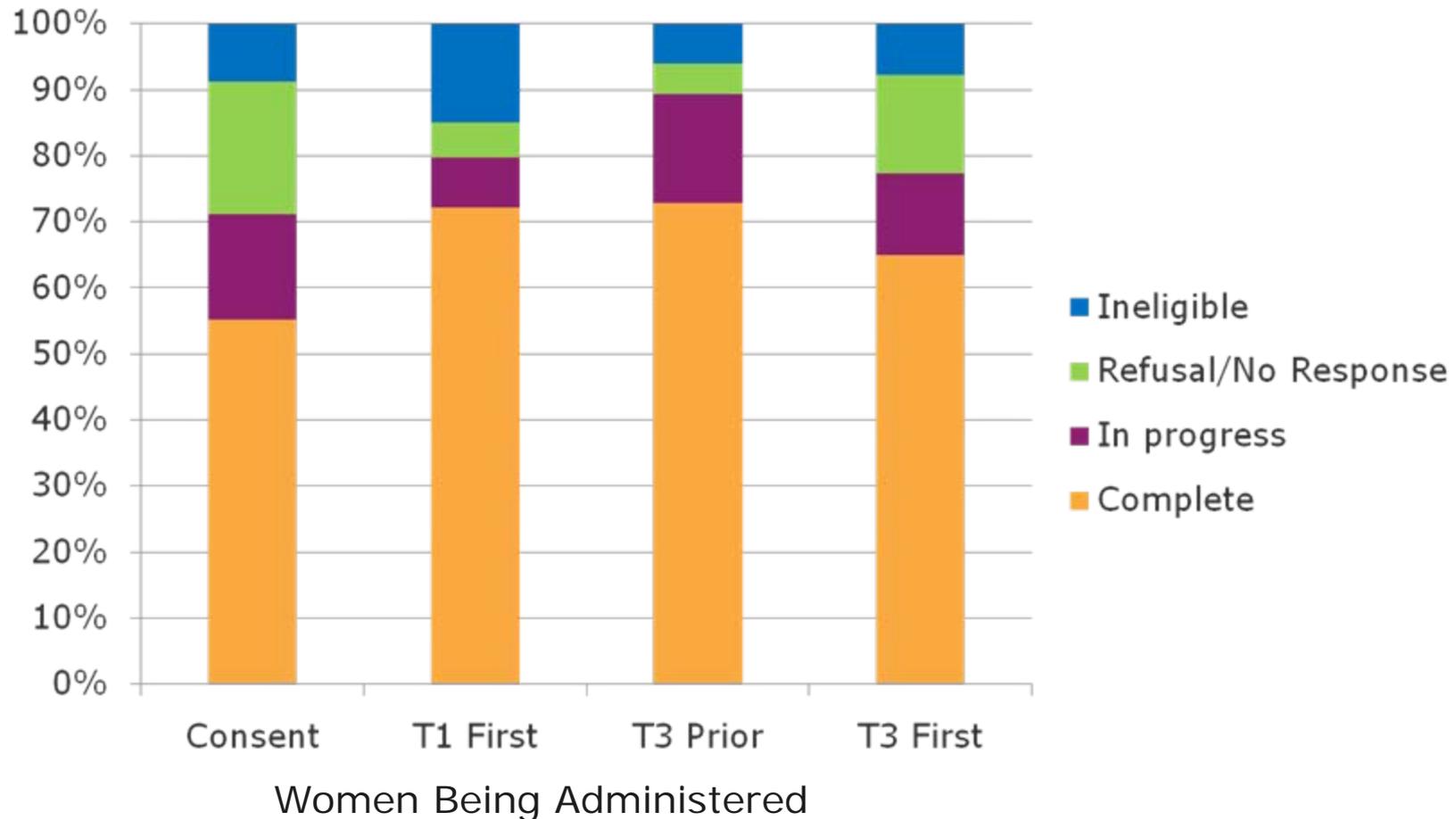




Prenatal Visit Data Collection

Outcome	Pre-conception	T1 First Mother	T3 Prior Mother	T3 First Mother	Prenatal Father
Number Eligible	135	598	317	154	680
Data collection complete	53%	72%	73%	65%	36%
In scheduling stage	36%	8%	16%	12%	38%
Data not collected	11%	20%	11%	23%	25%

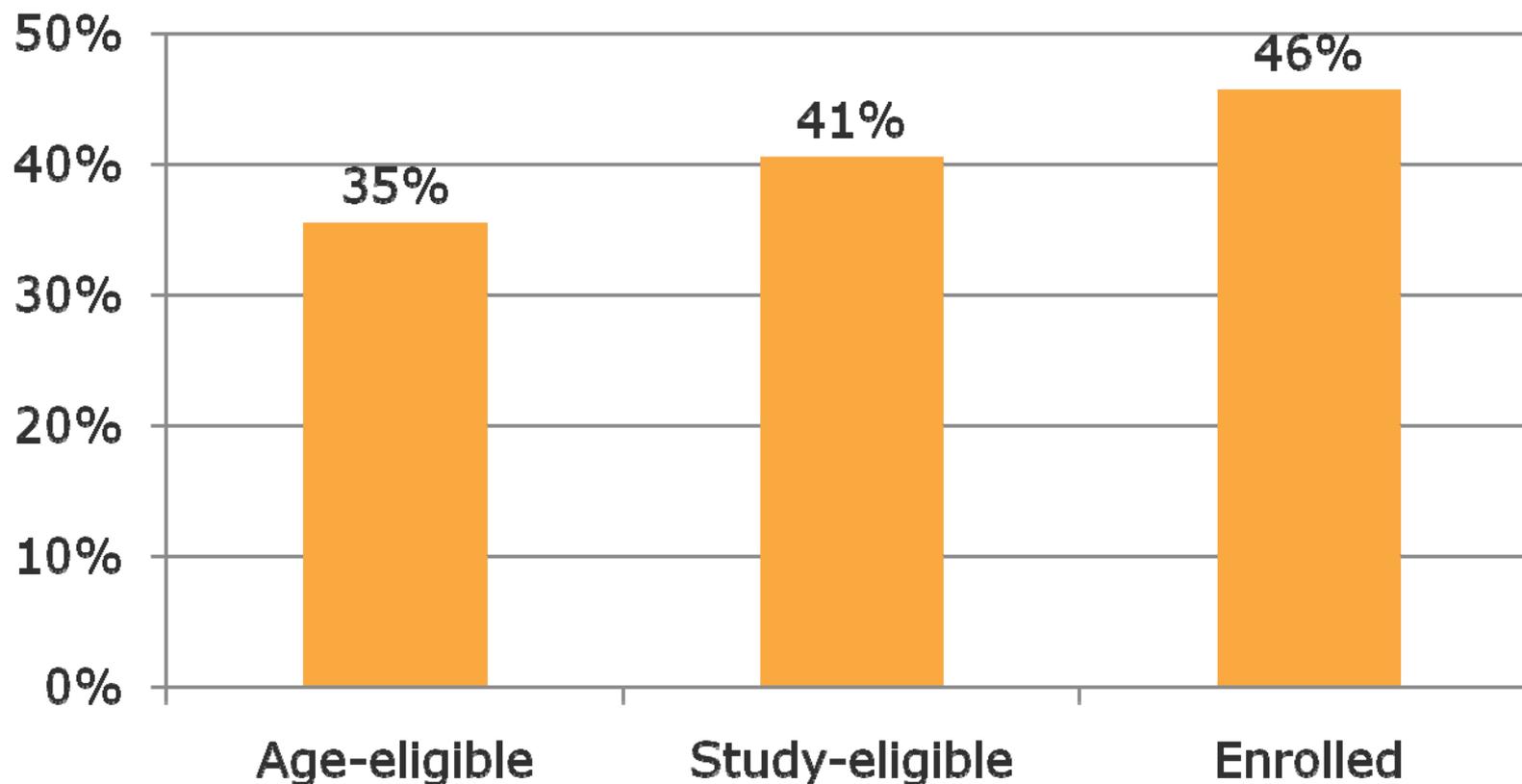
Percent Distribution of Women Entering Various Study Events



Impact of Media Outreach

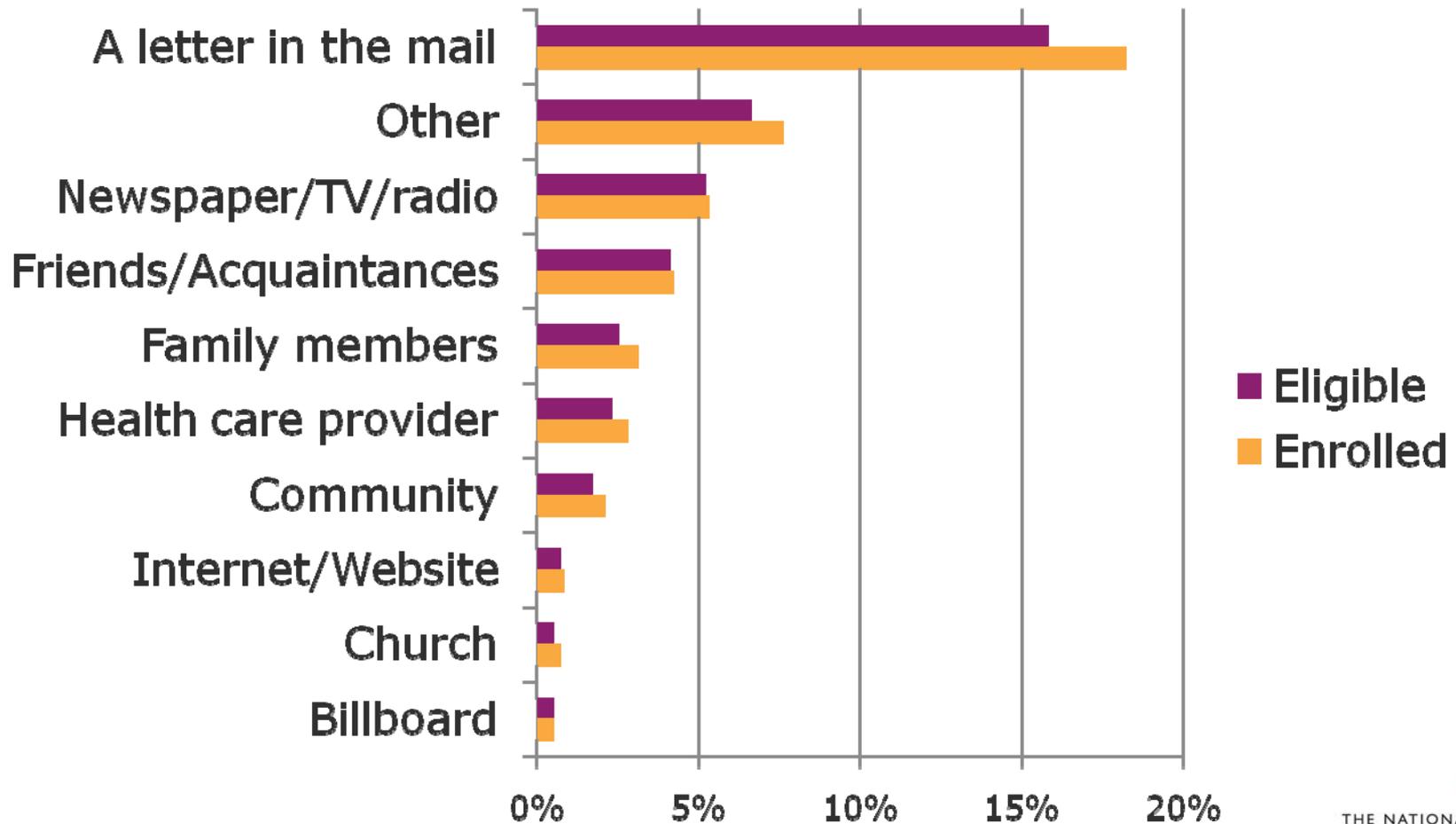


Percent who Have Heard of NCS

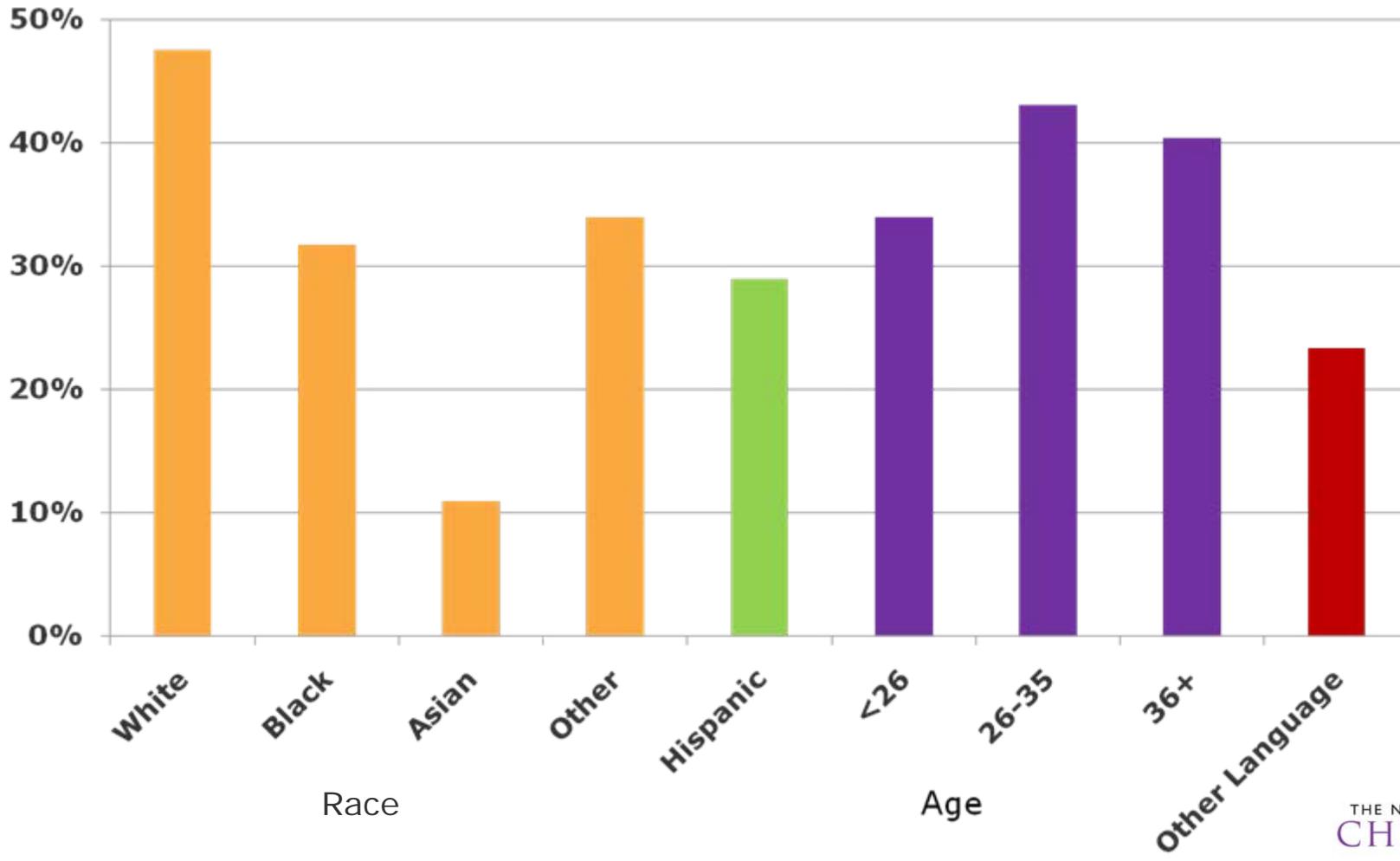


Note: This questions is asked at Pregnancy Screening.

Percent Eligible and Enrolled Women who Have Heard of NCS by Source



Percent of Study-Eligible Women who Heard of NCS According to Demographic Characteristics



Summary



- Enrollment of women and babies reached a steady state with an average of 13 babies total per week from 7 sites combined.
- Enrollment (consent) rates are lower for Asian and for non-Hispanic women whose consent was conducted in a language other than English.
- Pregnancy visit completion occurs at above 70 percent.
- Media outreach appears to have a positive impact on recruitment but outreach penetration varies by population characteristics.