



# Vanguard Study Recruitment Data Update

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# Updates Presented



- Enumeration and Pregnancy Screening (EPSC)
- Eligibility and Enrollment
- Study Assessment Data Collection
  - Pre-Pregnancy
  - Pregnancy
  - Births



# Initial 7 Vanguard Centers



## Group 1 – Began Data Collection in January 2009

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

## Group 2 – Began Data Collection April 2009

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



# Recruitment Status as of the End of September 2010



Recruitment Stage	Total	Rate*
Total Listed Households	83,851	
Household Enumeration Completed	67,177	86%
<i>Age-eligible Women Identified</i>	<i>34,066</i>	
Pregnancy Screening Completed	30,063	91%
<i>Study Eligible Women Identified</i>	<i>2,425</i>	
Consented/Enrolled women	1,396	68%
<i>Pregnant at Consent</i>	<i>968</i>	
<i>Not Pregnant at Consent</i>	<i>428</i>	

^ Participants found to be ineligible or in progress are excluded from these computations



# Consent Rate by Race and Ethnicity



Racial/ Ethnic Group	Number of women consented	Consent rate*
White	831	68%
African American	98	75%
Asian	66	52%
Other	401	70%
Hispanic	294	72%
Non-Hispanic	1081	67%
Unknown	21	62%
<b>All Women</b>	<b>1396</b>	<b>68%</b>

\* Participants found to be ineligible or in progress are excluded from these computations



# Consent Rate by Age Range



Age ranges for women	Number of women consented	Consent rate*
<26	462	70%
26-35	760	68%
36+	131	62%
Missing	43	62%
<b>All Women</b>	<b>1396</b>	<b>68%</b>

\* Participants found to be ineligible or in progress are excluded from these computations



# Consent Rate by Survey Language



Language	Number of women consented	Consent rate*
English	1213	68%
Other	173	72%
Unknown	10	59%
<b>All Women</b>	<b>1396</b>	<b>68%</b>

\* Participants found to be ineligible or in progress are excluded from these computations



# Prenatal Data Collection



Event	Planned	Eligible*	Completion Rate*
Pre-conception Mother	427	360	84%
T1 First Mother	860	753	83%
T3 Prior Mother	549	453	90%
T3 First Mother	277	226	77%

\* Participants found to be ineligible or in progress are excluded from these computations



# Post-natal visits



Event	Planned	Eligible*	Completion Rate*
Birth Visit	905	594	76%
3 Month Call Child	449	320	74%
3 Month Call Mom	442	315	66%
6 Month Visit Child	277	131	89%

\* Participants found to be ineligible or in progress are excluded from these computations



# Cumulative Number of Enrolled Women and Births



- Original expectation:
  - 1,000 births per center over four years of recruitment
  - 250 births per center, per year
  - Expected ~1,750 births in one year from seven centers
- As of September 2010
  - Average of 17 months of recruitment per Center
  - All Enrolled Women: **1,397**
  - Women who have completed one or more Pregnancy Study Visits: **789**
  - Observed births: **594**
    - Last 12 months: 525 observed births
    - 30% of births expected in one year from seven centers



# Next Steps



- Legacy Vanguard Data from initial Vanguard Centers
  - Analyze longitudinal completion of Study Visits
  - Analyze Study Visit Measures for performance and longitudinal completion
- Vanguard data from 30 Alternate Recruitment Schema Vanguard sites
  - Recruitment rates per schema
  - Increased information about income, education, race, and ethnicity at screening stage

