

Table 1. Cumulative Recruitment

Racial Categories	Ethnic Categories									Total
	Not Hispanic or Latino			Hispanic or Latino			Unknown/Not Reported Ethnicity			
	Female	Male	Unknown/Not Reported	Female	Male	Unknown/Not Reported	Female	Male	Unknown/Not Reported	
American Indian/Alaska Native	131	0	0	13	0	0	2	0	0	146
Asian	122	0	0	2	0	0	4	0	0	128
Native Hawaiian or Other Pacific Islander	18	0	0	6	0	0	1	0	0	25
Black or African American	5195	0	0	23	0	0	118	0	0	5336
White	19409	0	0	240	0	0	422	0	0	20071
More than One Race	163	0	0	13	0	0	5	0	0	181
Unknown or Not Reported	33	0	0	201	0	0	14	0	240	488
Total	25071	0	0	498	0	0	566	0	240	26375

Table 2. Participant Demographics

	<u>Participants with BC (%)</u>		No BC
	Incident	Prevalent	
N	630	2,337	23,408
Racial/ethnic group			
African American	118 (18.8)	331 (14.2)	4,887 (21.1)
Caucasian	497 (79.4)	1,960 (84.3)	17,614 (76.0)
Other	11 (1.8)	35 (1.5)	682 (2.9)
Age at enrollment, years			
18 – 39	84 (13.3)	122 (5.2)	9,674 (41.5)
40 – 64	448 (71.1)	1,556 (66.7)	11,611 (49.9)
65 and older	98 (15.6)	656 (28.1)	2,011 (8.6)
Current age as of 2023, years			
18 – 39	10 (1.6)	5 (0.21)	3,487 (15.0)
40 – 64	254 (40.3)	632 (27.07)	12,322 (52.8)
65 and older	366 (58.1)	1,698 (72.72)	7,512 (32.2)
Family			
1st degree relative with BC (mother/sister/daughter)	182 (28.9)	609 (26.1)	3,751 (16.0)
Age at BC diagnoses, yrs			
< 50	125 (20.4)	1,054 (45.6)	
≥ 50	487 (79.6)	1,260 (54.4)	
Vitals			
Alive	548 (87.0)	1248 (53.4)	
Deceased	80 (12.7)	320 (13.7)	
Missing	2 (0.3)	769 (32.9)	

Figure 1. Ancillary studies

Ancillary Studies

Arkansas Rural Community Health Study (2007-2013, n=26,375)

- Case-control focused on genetic biomarkers
- Surveys for breast cancer risk factors
- Saliva samples

Arkansas Breast Cancer Survivors (2011-2016, n=782)

- BC survivors focusing on comorbidities and quality of life
- Medical record abstraction

Residential History Survey (2013-2022, n=2,200)

- Residential history and duration of the participants, parents, maternal and paternal grandparents.

Heavy Metal Exposure and Mammographic Density (2016-2022, n=211)

- Environmental exposures/work history
- Mammographic Density
- NIH Dietary survey
- Blood and urine samples

Mother-Daughter Study



