

Sister Study Heart Failure Outcomes<sup>1</sup> and Characteristics: Data Release 9.1<sup>2</sup>

	N	% of cohort
<b>Total Cases<sup>3</sup></b>	<b>1,377</b>	<b>2.7</b>
<b>Timing and Diagnosis</b>	<b>N</b>	<b>% of cases</b>
Baseline – Heart failure	353	25.6
Unknown timing <sup>4</sup> – Heart failure	176	12.8
Incident	848	61.6
Heart failure	846	61.4
Heart failure with hypertensive heart disease	1	0.1
Postprocedural heart failure	1	0.1
<b>Incident</b>	<b>848</b>	
<b>Race/Ethnicity<sup>5</sup></b>		
Non-Hispanic White	703	82.9
Non-Hispanic Black	93	11.0
Hispanic	25	2.9
Other	27	3.2
<b>Age (in years) at Diagnosis<sup>6</sup></b>		
Under 50	16	1.9
50-64	201	23.7
65 and older	631	74.4
<b>Diagnosis Confirmation<sup>7</sup></b>		
Medical	220	25.9
NDI Plus or death certificate only	93	11.0
None	535	63.1

<sup>1</sup> Heart failure events are defined by the following ICD10 codes: heart failure (I50), rheumatic heart failure (I09.81), hypertensive heart disease with heart failure (I11.0), hypertensive heart and chronic kidney disease with heart failure (I13.0, I13.2), postprocedural heart failure (I97.11, I97.13), heart transplant failure (T86.22).

<sup>2</sup> Data release 9.1 includes outcomes from follow-up phases that closed on or before 9/30/2019, excluding all data from participants who have withdrawn their data from the study (n=3).

<sup>3</sup> Excludes diagnoses where heart failure could not be ruled out, but is not the likely diagnosis [n=1]

<sup>4</sup> Unknown timing represents cases that are unknown if diagnosis at or prior to baseline vs. post-baseline (i.e. incident case)

<sup>5</sup> Race/ethnicity: precedence given to Hispanic ethnicity first, then Black race, then other race, then White race

<sup>6</sup> For those missing age at diagnosis [n=136], age was imputed as the midpoint of the range of plausible ages at diagnosis

<sup>7</sup> Medical confirmation is generally from medical records but also includes medical discharge/billing documentation [n=3]; National Death Index (NDI) Plus or death certificate confirmation is specific to cases that do not have medical confirmation