

**HF Cohort Surveillance****Heart Failure Hospital Record Abstraction Form****Data set name: C22HFAA1\_NP****Instructions:** The Heart Failure Hospital Record Abstraction Form is completed for heart failure-eligible Community Surveillance hospitalizations.

<i>HFAA0C_FOLLOWUPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Date Of Discharge Or Death</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12098	Range	5473 - 13122 ( median=9205.5 mean=9205.06 std=1809.65 )

<i>HFAA0C_YEAR</i>		<i>Year Of Date Of Discharge Or Death</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12098	Range	2005 - 2022 ( median=2013 mean=2013.4 std=4.9 )

<i>HFAA0D</i>		<i>What was the disposition of the patient on discharge?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11368	A	Alive [ <i>skip to Q1</i> ]
729	D	Deceased
1		Missing

<i>HFAA0D1</i>		<i>Discharged To Home/Routine Discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1190	N	No/Not reported
2386	Y	Yes
8522		Missing

<i>HFAA0D2</i>		<i>Discharged To Home Health Care</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2910	N	No/Not reported
666	Y	Yes
8522		Missing

<i>HFAA0D3</i>		<i>Discharged/Transferred To Short-Term Care Facility</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3284	N	No/Not reported
292	Y	Yes
8522		Missing

**HF Cohort Surveillance**

<i>HFAA0D4</i>		<i>Discharged To Outpatient Rehabilitation Services/Home Physical Therapy</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3392	N	No/Not reported
184	Y	Yes
8522		Missing

<i>HFAA0D5</i>		<i>Discharged/Transferred To Long-Term Care Facility</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2906	N	No/Not reported
670	Y	Yes
8522		Missing

<i>HFAA0D6</i>		<i>Discharged To Hospice Care (Inpatient Or Outpatient)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3434	N	No/Not reported
142	Y	Yes
8522		Missing

<i>HFAA0D7</i>		<i>Left Against Medical Advice</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3570	N	No/Not reported
6	Y	Yes
8522		Missing

<i>HFAA0D8</i>		<i>Alive, Disposition Not Stated</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3540	N	No/Not reported
36	Y	Yes
8522		Missing

<i>HFAA0D9</i>		<i>Disposition Not Stated</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3564	N	No/Not reported
12	Y	Yes
8522		Missing

**HF Cohort Surveillance**

<i>HFAA0E</i>		<i>Was An Autopsy Performed?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
528	N	No
6	Y	Yes
11564		Missing

<i>HFAA0F</i>		<i>Was The Patient Either Dead On Arrival Or Did He/She Die In The ER?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
534	N	No
11564		Missing

<i>HFAA0G</i>		<i>Was The Patient On Comfort Care Or Hospice Care During This Hospitalization?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3524	N	No/Unknown
251	Y	Yes
8323		Missing

<i>HFAA0H</i>		<i>Was The Patient A DNR During This Hospitalization?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2873	N	No/Unknown
902	Y	Yes
8323		Missing

<i>HFAA10A</i>		<i>Q10a - Asthma</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10463	N	No/NR
1214	Y	Yes
421		Missing

<i>HFAA10B</i>		<i>Q10b - Chronic bronchitis/COPD</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7919	N	No/NR
3756	Y	Yes
423		Missing

**HF Cohort Surveillance**

<i>HFAA10C</i>		<i>Q10c - Other chronic lung disease</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11125	N	No/NR
551	Y	Yes
422		Missing

<i>HFAA10D</i>		<i>Q10d - Pulmonary embolus</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11178	N	No/NR
498	Y	Yes
422		Missing

<i>HFAA10E</i>		<i>Q10e - Coughing, phlegm, wheezing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10395	N	No/NR
1281	Y	Yes
422		Missing

<i>HFAA10F</i>		<i>Q10f. Sleep apnea</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9973	N	No/NR
1702	Y	Yes
423		Missing

<i>HFAA11A</i>		<i>Q11a - Angina</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9575	N	No/NR
2100	Y	Yes
423		Missing

<i>HFAA11B1</i>		<i>Q11b1- Arrhythmia: Atrial fibrillation/atrial flutter</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6779	N	No/NR
4897	Y	Yes
422		Missing

**HF Cohort Surveillance**

HFAA11B2		Q11b2- Arrhythmia: Heart block or other bradycardia
N	Value	Description
10266	N	No/NR
1409	Y	Yes
423		Missing

HFAA11B3		Q11b3- Arrhythmia: Ventricular fibrillation or tachycardia
N	Value	Description
11079	N	No/NR
596	Y	Yes
423		Missing

HFAA11C		Q11c - Infectious/Bacterial Endocarditis (removed from current form version)
N	Value	Description
707	N	No/NR
4	Y	Yes
11387		Missing

HFAA11D		Q11d - Cardiac Arrest (removed from current form version)
N	Value	Description
697	N	No/NR
14	Y	Yes
11387		Missing

HFAA11E1		Q11e1- Cardiac Procedures: CABG
N	Value	Description
9328	N	No/NR
2348	Y	Yes
422		Missing

HFAA11E2		Q11e2- Cardiac Procedures: PCI
N	Value	Description
9365	N	No/NR
2309	Y	Yes
424		Missing

**HF Cohort Surveillance**

HFAA11E3		Q11e3- Cardiac Procedures: Valve surgery
N	Value	Description
10819	N	No/NR
857	Y	Yes
422		Missing

HFAA11E4		Q11e4- Cardiac Procedures: Pacemaker
N	Value	Description
9490	N	No/NR
2186	Y	Yes
422		Missing

HFAA11E5		Q11e5- Cardiac Procedures: Defibrillator
N	Value	Description
10594	N	No/NR
1077	Y	Yes
427		Missing

HFAA11F		Q11f - Congenital Heart Disease (removed from current form version)
N	Value	Description
710	N	No/NR
1	Y	Yes
11387		Missing

HFAA11G		Q11g - Coronary heart disease (within year)
N	Value	Description
10380	N	No/NR
1295	Y	Yes [skip to Q11j]
423		Missing

HFAA11H		Q11h - Coronary heart disease (ever)
N	Value	Description
5069	N	No/NR
5311	Y	Yes
1718		Missing

**HF Cohort Surveillance**

<i>HFAA11I</i>		<i>Q11i - Electrocardioversion/Defibrillation (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
676	N	No/NR
35	Y	Yes
11387		Missing

<i>HFAA11J</i>		<i>Q11j - Cardio History: Hypertension</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1113	N	No/NR
10561	Y	Yes
424		Missing

<i>HFAA11K</i>		<i>Q11k - Myocardial infarction</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8763	N	No/NR
2912	Y	Yes
423		Missing

<i>HFAA11L</i>		<i>Q11l - Pulmonary hypertension</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9907	N	No/NR
1767	Y	Yes
424		Missing

<i>HFAA11M</i>		<i>Q11m - Peripheral vascular disease</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9837	N	No/NR
1838	Y	Yes
423		Missing

<i>HFAA11N</i>		<i>Q11n - Rheumatic Heart Disease (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
708	N	No/NR
3	Y	Yes
11387		Missing

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HFAA110		Q11o - Cardio History: Valvular Heart Disease
<i>N</i>	<i>Value</i>	<i>Description</i>
8541	N	No/NR
3131	Y	Yes
426		Missing

HFAA12A		Q12a - Diabetes
<i>N</i>	<i>Value</i>	<i>Description</i>
5881	N	No/NR
5795	Y	Yes
422		Missing

HFAA12B		Q12b - Hyperlipidemia (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
366	N	No/NR
345	Y	Yes
11387		Missing

HFAA12C		Q12c - Liver Disease (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
699	N	No/NR
11	Y	Yes
11388		Missing

HFAA13A		Q13a - Dialysis
<i>N</i>	<i>Value</i>	<i>Description</i>
10841	N	No/NR
835	Y	Yes
422		Missing

HFAA14A		Q14a - Stroke/TIA
<i>N</i>	<i>Value</i>	<i>Description</i>
8922	N	No/NR
2753	Y	Yes
423		Missing



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<i>HFAA14B</i>		<i>Q14b - Depression (remove from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9605	N	No/NR
2071	Y	Yes
422		Missing

<i>HFAA16A</i>		<i>Q16a - Precipitating Factor: Postpartum State (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
603	N	No/NR
11495		Missing

<i>HFAA16B</i>		<i>Q16b - Precipitating Factor: Excess Alcohol Intake (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
600	N	No/NR
3	Y	Yes
11495		Missing

<i>HFAA16C</i>		<i>Q16c - Precipitating Factor: Excess Fluid Intake/Administration (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
586	N	No/NR
17	Y	Yes
11495		Missing

<i>HFAA16D</i>		<i>Q16d - Precipitating Factor: Noncompliance With Diet</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8201	N	No/NR
206	Y	Yes
3691		Missing

<i>HFAA16E</i>		<i>Q16e - Precipitating Factor: Noncompliance With Medication</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8063	N	No/NR
344	Y	Yes
3691		Missing

**HF Cohort Surveillance**

<i>HFAA16F</i>		<i>Q16f - Precipitating Factor: Infection (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
547	N	No/NR
56	Y	Yes
11495		Missing

<i>HFAA16G</i>		<i>Q16g - Precipitating Factor: Pneumonia (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7381	N	No/NR
1026	Y	Yes
3691		Missing

<i>HFAA16H</i>		<i>Q16h - Precipitating Factor: Infectious/ Bacterial Endocarditis (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
603	N	No/NR
11495		Missing

<i>HFAA16I</i>		<i>Q16i - Precipitating Factor: Pulmonary Embolus (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
590	N	No/NR
12	Y	Yes
11496		Missing

<i>HFAA16J</i>		<i>Q16j - Precipitating Factor: Angina</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8012	N	No/NR
395	Y	Yes
3691		Missing

<i>HFAA16K</i>		<i>Q16k - Precipitating Factor: Atrial Fibrillation/Flutter</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7467	N	No/NR
940	Y	Yes
3691		Missing

**HF Cohort Surveillance**

<i>HFAA16L</i>		<i>Q16l - Precipitating Factor: Heart Block (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
597	N	No/NR
6	Y	Yes
11495		Missing

<i>HFAA16M</i>		<i>Q16m - Precipitating Factor: Ventricular Fibrillation/Flutter (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
599	N	No/NR
4	Y	Yes
11495		Missing

<i>HFAA16N</i>		<i>Q16n - Precipitating Factor: Cardiac Arrest (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
596	N	No/NR
7	Y	Yes
11495		Missing

<i>HFAA16O</i>		<i>Q16o - Precipitating Factor: MI (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
588	N	No/NR
15	Y	Yes
11495		Missing

<i>HFAA16P</i>		<i>Q16p - Precipitating Factor: Valvular Heart Disease (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
594	N	No/NR
9	Y	Yes
11495		Missing

<i>HFAA16Q</i>		<i>Q16q - Precipitating Factor: Stroke/TIA (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
594	N	No/NR
9	Y	Yes
11495		Missing

**HF Cohort Surveillance**

HFAA16R		Q16r - Was Angina or Myocardial infarction listed as a precipitating factor (i.e. precipitated the onset of this event)?
N	Value	Description
3008	N	No/NR
257	Y	Yes
8833		Missing

HFAA17A		Q17a - Blood Pressure: At hospital admission (or at onset of event)
N	Value	Description
11334	Range	0 - 290 ( median=138 mean=139.0 std=31.4 )
764		Missing

HFAA17B		Q17b - Blood Pressure (mmHg): At hospital admission (or at onset of event)
N	Value	Description
11246	Range	0 - 202 ( median=72 mean=74.0 std=18.5 )
852		Missing

HFAA17C		Q17c - Blood Pressure: At hospital discharge (or last recorded)
N	Value	Description
694	Range	0 - 258 ( median=130 mean=129.3 std=30.1 )
11404		Missing

HFAA17D		Q17d - Blood Pressure (mmHg): At hospital discharge (or last recorded)
N	Value	Description
693	Range	0 - 170 ( median=67 mean=66.9 std=16.1 )
11405		Missing

HFAA18A		Q18a - Heart Rate (bpm) At hospital admission (or at onset of event)
N	Value	Description
11460	Range	0 - 209 ( median=82 mean=85.0 std=22.1 )
638		Missing

HFAA19A		Height At Admission (Value)
N	Value	Description
10568	Range	36 - 194 ( median=66 mean=70.7 std=22.1 )
1530		Missing

**HF Cohort Surveillance**

<i>HFAA19A1</i>		<i>Admission Height Units Of Measure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
497	C	cm
10056	I	in
1545		Missing

<i>HFAA1A</i>		<i>Increasing Or New Onset Shortness Of Breath</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4166	N	No/Not Recorded
7932	Y	Yes

<i>HFAA1B</i>		<i>Increasing Or New Onset Edema Increasing Or New Onset Edema</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6754	N	No/Not Recorded
5342	Y	Yes
2		Missing

<i>HFAA1C</i>		<i>Increasing Or New Onset Paroxysmal Nocturnal Dyspnea Increasing Or New Onset Paroxysmal Nocturnal Dyspnea</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11261	N	No/Not Recorded
835	Y	Yes
2		Missing

<i>HFAA1D</i>		<i>Increasing Or New Onset Orthopnea Increasing Or New Onset Orthopnea</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10397	N	No/Not Recorded
1698	Y	Yes
3		Missing

<i>HFAA1E</i>		<i>Increasing Or New Onset Hypoxia</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8031	N	No/Not Recorded
4065	Y	Yes
2		Missing

**HF Cohort Surveillance**

<i>HFAA2</i>		<i>Hospitalization Reason Heart Failure From Md Notes Hospitalization Reason Heart Failure From MD Notes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7246	N	No/Not Recorded
4850	Y	Yes
2		Missing

<i>HFAA20A</i>		<i>Weight At Admission (Value)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10937	Range	7.12 - 551.15 ( median=83.9 mean=99.15 std=49.80 )
1161		Missing

<i>HFAA20A1</i>		<i>Weight Units Of Measure At Hospital Admission (Or At Onset Of Event)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9108	K	kg
1819	L	lb
1171		Missing

<i>HFAA20B</i>		<i>Weight At Discharge (Value)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8121	Range	10 - 423.16 ( median=83.4 mean=98.45 std=49.60 )
3977		Missing

<i>HFAA20B1</i>		<i>Weight Units Of Measure At Hospital Admission (Or At Onset Of Event)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6763	K	kg
1346	L	lb
3989		Missing

<i>HFAA21A</i>		<i>Respiration Rate At Admission</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
586	Range	0 - 73 ( median=20 mean=21.2 std=6.9 )
11512		Missing

**HF Cohort Surveillance**

<i>HFAA21B</i>		<i>Respiration Rate At Discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
563	Range	0 - 110 ( median=20 mean=19.6 std=6.8 )
11535		Missing

<i>HFAA22A</i>		<i>Q22a - Height At hospital admission (or at onset of event) Q22a - Weight At hospital admission (or at onset of event) Q22a - Respiration Rate At hospital admission (or at onset of event) - removed from current form version Q22a - Lower extremity edema</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3828	N	No/NR
3630	Y	Yes
4640		Missing

<i>HFAA22A1</i>		<i>Q22a1- Lower Extremity Edema At Discharge (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
559	N	No/NR
44	Y	Yes
11495		Missing

<i>HFAA22B</i>		<i>Q22b - Weight At hospital discharge (or last recorded) Q22b - Respiration Rate At hospital discharge (or last recorded) - removed from current form version Q22b - Jugular venous distension (JVD)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6187	N	No/NR
1274	Y	Yes
4637		Missing

<i>HFAA22B1</i>		<i>Q22b1- Jugular Venous Distention At Discharge (removed from current version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
596	N	No/NR
7	Y	Yes
11495		Missing

<i>HFAA22C</i>		<i>Q22c - Hepatojugular reflux</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7377	N	No/NR
83	Y	Yes
4638		Missing

**HF Cohort Surveillance**

<i>HFAA22D</i>		<i>Q22d - Hepatomegaly</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7391	N	No/NR
69	Y	Yes
4638		Missing

<i>HFAA22E</i>		<i>Q22e - Leg fatigue on walking</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7375	N	No/NR
85	Y	Yes
4638		Missing

<i>HFAA23A</i>		<i>Cough</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4677	N	No/NR
2784	Y	Yes
4637		Missing

<i>HFAA23A1</i>		<i>Q23a1 - Cough At Discharge (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
573	N	No/NR
30	Y	Yes
11495		Missing

<i>HFAA23B</i>		<i>Dyspnea (Rest)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2748	N	No/NR
4712	Y	Yes
4638		Missing

<i>HFAA23B1</i>		<i>Q23b1 - Dyspnea (Rest) At Discharge (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
529	N	No/NR
26	Y	Yes
11543		Missing



**HF Cohort Surveillance**

HFAA23C		Dyspnea (Walking)
N	Value	Description
2548	N	No/NR
4866	Y	Yes
4684		Missing

HFAA23C1		Q23c1 - Dyspnea (Walking) At Discharge (removed from current form version)
N	Value	Description
511	N	No/NR
41	Y	Yes
11546		Missing

HFAA23D		Dyspnea (Climbing Or Exertion)
N	Value	Description
2278	N	No/NR
5136	Y	Yes
4684		Missing

HFAA23D1		Q23d1 - Dyspnea (Climbing/Exertion) At Discharge (removed from current form version)
N	Value	Description
499	N	No/NR
54	Y	Yes
11545		Missing

HFAA23E		Stops For Breath When Walking
N	Value	Description
2591	N	No/NR
4823	Y	Yes
4684		Missing

HFAA23E1		Q23e1 - Stops Breath Walking At Discharge (removed from current form version)
N	Value	Description
513	N	No/NR
40	Y	Yes
11545		Missing

**HF Cohort Surveillance**

<i>HFAA23F</i>		<i>Q23f - Stops for breath after 100 yards</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2599	N	No/NR
4815	Y	Yes
4684		Missing

<i>HFAA23G</i>		<i>Q23g - Ronchi</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5824	N	No/NR
1630	Y	Yes
4644		Missing

<i>HFAA23H</i>		<i>Q23h - Paroxysmal nocturnal dyspnea</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6882	N	No/NR
579	Y	Yes
4637		Missing

<i>HFAA23H1</i>		<i>Q23h1 - Paroxysmal Nocturnal Dyspnea At Discharge (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
590	N	No/NR
13	Y	Yes
11495		Missing

<i>HFAA23I</i>		<i>Q23i - Orthopnea</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6243	N	No/NR
1216	Y	Yes
4639		Missing

<i>HFAA23I1</i>		<i>Q23i1 - Orthopnea At Discharge (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
583	N	No/NR
20	Y	Yes
11495		Missing

**HF Cohort Surveillance**

<i>HFAA23J</i>		<i>Q23j - Pulmonary basilar rales</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5487	N	No/NR
1973	Y	Yes
4638		Missing

<i>HFAA23J1</i>		<i>Q23j1 - Pulmonary Basilar Rales At Discharge (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
579	N	No/NR
24	Y	Yes
11495		Missing

<i>HFAA23K</i>		<i>Q23k - Rales (More Than Basilar)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5879	N	No/NR
1580	Y	Yes
4639		Missing

<i>HFAA23K1</i>		<i>Q23k1 - Rales (More Than Basilar) At Discharge (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
595	N	No/NR
8	Y	Yes
11495		Missing

<i>HFAA23L</i>		<i>Q23l - Wheezing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5255	N	No/NR
2201	Y	Yes
4642		Missing

<i>HFAA23L1</i>		<i>Q23l1 - Wheezing At Discharge (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
590	N	No/NR
13	Y	Yes
11495		Missing

**HF Cohort Surveillance**

<i>HFAA23M</i>		<i>Q23m - Vital Capacity (Decrs. 1/3) (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
592	N	No/NR
11	Y	Yes
11495		Missing

<i>HFAA24A</i>		<i>Q24a - S3 (Gallop)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7299	N	No/NR
159	Y	Yes
4640		Missing

<i>HFAA24A1</i>		<i>Q24a1 - S3 (Gallop) At Discharge (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
600	N	No/NR
3	Y	Yes
11495		Missing

<i>HFAA24B</i>		<i>Q24b - S4 (Gallop) During Hospitalization (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
693	N	No/NR
18	Y	Yes
11387		Missing

<i>HFAA24B1</i>		<i>Q24b1 - S4 (Gallop) At Discharge (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
602	N	No/NR
1	Y	Yes
11495		Missing

<i>HFAA24C</i>		<i>Q24c - Chest Pain During Hospitalization</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6042	N	No/NR
1417	Y	Yes
4639		Missing

**HF Cohort Surveillance**

<i>HFAA24C1</i>		<i>Q24c1 - Chest Pain At Discharge (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
600	N	No/NR
2	Y	Yes
11496		Missing

<i>HFAA24D</i>		<i>Q24d - NYHA Class (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	1	
2	2	
15	3	
6	4	
578	N	
11496		Missing

<i>HFAA25</i>		<i>Q25 - Electrocardiogram Performed During Hosp (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
732	N	No/NR
4192	Y	Yes
7174		Missing

<i>HFAA26A</i>		<i>Q26a - MI (Age Undetermined) - removed from current form version</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
483	N	No/NR
108	Y	Yes
11507		Missing

<i>HFAA26B</i>		<i>Q26b - Ischemic Changes Or ST-T Changes (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
421	N	No/NR
170	Y	Yes
11507		Missing

**HF Cohort Surveillance**

HFAA26C		Q26c - Atrial Fibrillation / Atrial Flutter (removed from current form version)
N	Value	Description
2870	N	No/NR
1322	Y	Yes
7906		Missing

HFAA26C1		Q26c1 - On Telemetry (removed from current form version)
N	Value	Description
2744	N	No/NR
127	Y	Yes
9227		Missing

HFAA26D		Q26d - Left Ventricular Hypertrophy (removed from current form version)
N	Value	Description
512	N	No/NR
78	Y	Yes
11508		Missing

HFAA26E		Q26e - Left Bundle Branch Block (removed from current form version)
N	Value	Description
3810	N	No/NR
383	Y	Yes
7905		Missing

HFAA26F		Q26f - Ventricular Tachycardia (removed from current form version)
N	Value	Description
4119	N	No/NR
74	Y	Yes
7905		Missing

HFAA26F1		Q26f1 - On Telemetry (removed from current form version)
N	Value	Description
3978	N	No/NR
134	Y	Yes
7986		Missing

**HF Cohort Surveillance**

<i>HFAA27</i>		<i>Q27 - Was a chest X-ray performed during this hospitalization?:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1551	N	No/NR <i>[skip to Q29]</i>
10123	Y	Yes
424		Missing

<i>HFAA28A</i>		<i>Q28a - Alveolar Infiltrates (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
444	N	No/Unknown
156	Y	Yes
11498		Missing

<i>HFAA28B</i>		<i>Q28b - Alveolar/pulmonary edema</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8807	N	No/Unknown
1309	Y	Yes
1982		Missing

<i>HFAA28C</i>		<i>Q28c - Interstitial pulmonary edema</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7482	N	No/Unknown
2636	Y	Yes
1980		Missing

<i>HFAA28D</i>		<i>Q28d - Cardiomegaly</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4279	N	No/Unknown
5842	Y	Yes
1977		Missing

<i>HFAA28E</i>		<i>Q28e - Cephalization/upper zone redistribution</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9976	N	No/Unknown
137	Y	Yes
1985		Missing

**HF Cohort Surveillance**

HFAA28F		Q28f - Congestive Heart Failure (removed from current form version)
N	Value	Description
499	N	No/Unknown
102	Y	Yes
11497		Missing

HFAA28G		Q28g - Bilateral pleural effusion
N	Value	Description
7529	N	No/Unknown
2592	Y	Yes
1977		Missing

HFAA28H		Q28h - Unilateral pleural effusion
N	Value	Description
8681	N	No/Unknown
1438	Y	Yes
1979		Missing

HFAA28I		Q28i - Pulmonary Vascular Congestion (removed from current form version)
N	Value	Description
479	N	No/Unknown
122	Y	Yes
11497		Missing

HFAA28J		Q28j - Kerley B Lines (removed from current form version)
N	Value	Description
559	N	No/Unknown
2	Y	Yes
11537		Missing

HFAA28K		Q28k - Cardiothoracic ratio = 0.5
N	Value	Description
10111	N	No/Unknown
6	Y	Yes
1981		Missing



**HF Cohort Surveillance**

<i>HFAA28L</i>		<i>Q28l - Congestive heart failure/ Pulmonary vascular congestion</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6669	N	No/Unknown
2853	Y	Yes
2576		Missing

<i>HFAA29</i>		<i>Q29 - Was a transthoracic echocardiogram performed?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4513	N	No/Unknown [ <i>skip to Q30</i> ]
7163	Y	Yes [ <i>skip to skip Q30</i> ]
422		Missing

<i>HFAA29A_FOLLOWUPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Tte:date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6918	Range	5471 - 13089 ( median=9666 mean=9538.4 std=1732.5 )
5180		Missing

<i>HFAA29A_YEAR</i>		<i>Year Of Tte:date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6918	Range	2005 - 2022 ( median=2015 mean=2014.3 std=4.7 )
5180		Missing

<i>HFAA29B</i>		<i>Q29b - Ejection fraction (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7030	Range	5 - 85 ( median=50 mean=46.3 std=15.7 )
5068		Missing

<i>HFAA29C</i>		<i>Q29c - Wall thickness:septal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6004	Range	0.24 - 94 ( median=1.2 mean=2.53 std=4.33 )
6094		Missing

**HF Cohort Surveillance**

<i>HFAA29C1</i>		<i>Q29c1 - Wall thickness:septal (cm/mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5283	1	cm
694	2	mm
1	C	Data entry error
6120		Missing

<i>HFAA29C2</i>		<i>Q29c2 - Wall thickness:posterior</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5994	Range	0 - 103 ( median=1.19 mean=2.388 std=4.115 )
6104		Missing

<i>HFAA29C3</i>		<i>Q29c3 - Wall thickness:posterior (cm/mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5268	1	cm
697	2	mm
1	C	Data entry error
6132		Missing

<i>HFAA29D1</i>		<i>Q29d1 - Left ventricular hypertrophy (LVH)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
860	D	Moderate
2075	E	None
2206	M	Mild
1187	N	NR
544	P	Present
198	S	Severe
5028		Missing

**HF Cohort Surveillance**

<i>HFAA29D10</i>		<i>Q29d10- Pulmonary hypertension</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1265	D	Moderate
696	E	None
976	M	Mild
3200	N	NR
271	P	Present
631	S	Severe
5059		Missing

<i>HFAA29D11</i>		<i>Q29d11- Regional wall motion abnormality</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5208	N	No/Unknown/NR
1866	Y	Yes
5024		Missing

<i>HFAA29D12</i>		<i>Q29d12- Dilated left ventricle</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5854	N	No/Unknown/NR
1208	Y	Yes
5036		Missing

<i>HFAA29D13</i>		<i>Q29d13- Dilated right ventricle</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5615	N	No/Unknown/NR
1448	Y	Yes
5035		Missing

<i>HFAA29D14</i>		<i>Q29d14- Diastolic dysfunction</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5065	N	No/Unknown/NR
2013	Y	Yes
5020		Missing

**HF Cohort Surveillance**

<i>HFAA29D2</i>		<i>Q29d2 - Impaired LV systolic function</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
683	D	Moderate
3709	E	None
525	M	Mild
747	N	NR
269	P	Present
1148	S	Severe
5017		Missing

<i>HFAA29D3</i>		<i>Q29d3 - Impaired RV systolic function</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
291	D	Moderate
4444	E	None
374	M	Mild
1622	N	NR
233	P	Present
93	S	Severe
5041		Missing

<i>HFAA29D4</i>		<i>Q29d4 - Aortic regurgitation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
464	D	Moderate
3744	E	None
1408	M	Mild
1392	N	NR
34	P	Present
28	S	Severe
5028		Missing

**HF Cohort Surveillance**

<i>HFAA29D5</i>		<i>Q29d5 - Aortic stenosis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
423	D	Moderate
4511	E	None
637	M	Mild
1179	N	NR
61	P	Present
260	S	Severe
5027		Missing

<i>HFAA29D6</i>		<i>Q29d6 - Tricuspid regurgitation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1904	D	Moderate
1364	E	None
2493	M	Mild
597	N	NR
40	P	Present
694	S	Severe
5006		Missing

<i>HFAA29D7</i>		<i>Q29d7 - Mitral regurgitation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1791	D	Moderate
1672	E	None
2595	M	Mild
591	N	NR
30	P	Present
421	S	Severe
4998		Missing

**HF Cohort Surveillance**

<i>HFAA29D8</i>		<i>Q29d8 - Mitral stenosis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
96	D	Moderate
4875	E	None
275	M	Mild
1742	N	NR
44	P	Present
23	S	Severe
5043		Missing

<i>HFAA29D9</i>		<i>Q29d9 - Estimated RVSP/PASP: (mmHg)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4977	Range	0 - 125 ( median=45 mean=46.4 std=15.5 )
7121		Missing

<i>HFAA29D9A</i>		<i>Q29d9a- TR jet velocity: (m/s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3719	Range	0.152 - 294 ( median=2.97 mean=3.102 std=4.903 )
8379		Missing

<i>HFAA3</i>		<i>Is This A Cohort Participant?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
44	N	No/Not Recorded
12054	Y	Yes

<i>HFAA30</i>		<i>Transesophageal Echocardiogram Performed?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10545	N	No/NR [skip to Q31]
307	Y	Yes
1246		Missing

<i>HFAA30A_FOLLOWUPDAYS</i>		<i>Days Of Follow Up From Visit 1 To 1st Tee Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
305	Range	5672 - 12821 ( median=9859 mean=9729.1 std=1651.5 )
11793		Missing

**HF Cohort Surveillance**

<i>HFAA30A_YEAR</i>		<i>Year Of 1st Tee Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
305	Range	2005 - 2022 ( median=2016 mean=2014.8 std=4.3 )
11793		Missing

<i>HFAA30B</i>		<i>Q30b - Ejection fraction (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
233	Range	10 - 71 ( median=50 mean=45.6 std=14.9 )
11865		Missing

<i>HFAA30C1</i>		<i>Q30c1 - Impaired LV systolic function</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
31	D	Moderate
154	E	None
19	M	Mild
43	N	NR
8	P	Present
49	S	Severe
11794		Missing

<i>HFAA30C2</i>		<i>Q30c2 - Impaired RV systolic function</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
17	D	Moderate
147	E	None
19	M	Mild
110	N	NR
8	P	Present
3	S	Severe
11794		Missing

<i>HFAA30C3</i>		<i>Q30c3 - Regional wall motion abnormality</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
270	N	No/Unknown/NR
34	Y	Yes
11794		Missing

**HF Cohort Surveillance**

<i>HFAA30C4</i>		<i>Q30c4 - Dilated left ventricle</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
273	N	No/Unknown/NR
31	Y	Yes
11794		Missing

<i>HFAA30C5</i>		<i>Q30c5 - Dilated right ventricle</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
265	N	No/Unknown/NR
39	Y	Yes
11794		Missing

<i>HFAA31</i>		<i>Q31 - Was a right cardiac catheterization performed?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7270	N	No/NR [skip to Q32]
187	Y	Yes
4641		Missing

<i>HFAA31A_FOLLOWUPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Right Cath: Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
185	Range	4375 - 10735 ( median=7830 mean=7833.7 std=1386.0 )
11913		Missing

<i>HFAA31A_YEAR</i>		<i>Year Of Right Cath: Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
185	Range	2001 - 2016 ( median=2010 mean=2009.6 std=3.7 )
11913		Missing

<i>HFAA31B1</i>		<i>Q31b1 - Rt.Cath Measures:rt Atrial Pressure (Mean) - removed from current form version</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
18	Range	-2 - 75 ( median=11.5 mean=16.50 std=21.20 )
12080		Missing



**HF Cohort Surveillance**

<i>HFAA31B2</i>		<i>Q31b2 - Rt.Cath Measures:pulmonary Arterial Pressure (Value) - removed from current form version</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
18	Range	3 - 110 ( median=43.5 mean=46.00 std=26.53 )
12080		Missing

<i>HFAA31B2A</i>		<i>Q31b2a- Rt.Cath Measures:pulmonary Arterial Pressure - removed from current form version</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
18	Present	Text suppressed
12080		Missing

<i>HFAA31B3</i>		<i>Q31b3 - Rt.Cath Measures:pulmonary Wedge Pressure (Unit) - removed from current form version</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
17	Range	1 - 35 ( median=16 mean=17.8 std=10.5 )
12081		Missing

<i>HFAA31B4</i>		<i>Q31b4 - Rt.Cath Measures:cardiac Output - removed from current form version</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
14	Range	0.6 - 6.8 ( median=4.2 mean=4.14 std=1.89 )
12084		Missing

<i>HFAA31B5</i>		<i>Q31b5 - Rt.Cath Measures:cardiac Index - removed from current form version</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
13	Range	1.5 - 3.5 ( median=2.64 mean=2.405 std=0.630 )
12085		Missing

<i>HFAA32</i>		<i>Q32 - Was coronary angiography performed?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10399	N	Yes
1276	Y	No/NR [skip to Q33]
423		Missing

<i>HFAA32A_FOLLOWUPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Coronary Angiography:date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1212	Range	2891 - 12876 ( median=9009 mean=9058.7 std=1789.1 )
10886		Missing

**HF Cohort Surveillance**

<i>HFAA32A_YEAR</i>		<i>Year Of Coronary Angiography:date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1212	Range	1996 - 2022 ( median=2013 mean=2013.0 std=4.9 )
10886		Missing

<i>HFAA32B1</i>		<i>Q32b1 - Ejection Fraction</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
458	Range	2 - 85 ( median=40 mean=41.4 std=16.2 )
11640		Missing

<i>HFAA32B2A</i>		<i>Q32b2a- Left Main</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
558	A	0%
190	B	1-24%
99	C	25-49%
87	D	50-74%
61	E	75-94%
25	F	95-99%
29	G	100%
207	N	NR
10842		Missing

<i>HFAA32B2B</i>		<i>Q32b2b - Left anterior descending artery and branches:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
157	A	0%
149	B	1-24%
148	C	25-49%
185	D	50-74%
238	E	75-94%
62	F	95-99%
253	G	100%
70	N	NR
10836		Missing

**HF Cohort Surveillance**

<i>HFAA32B2C</i>		<i>Q32b2c- Left circumflex/marginal artery:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
249	A	0%
195	B	1-24%
115	C	25-49%
171	D	50-74%
157	E	75-94%
91	F	95-99%
175	G	100%
107	N	NR
10838		Missing

<i>HFAA32B2D</i>		<i>Q32b2d- Right coronary artery and branches:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
184	A	0%
148	B	1-24%
146	C	25-49%
153	D	50-74%
157	E	75-94%
104	F	95-99%
272	G	100%
99	N	NR
10835		Missing

<i>HFAA32B2E</i>		<i>Q32b2e- Intermediate ramus:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
87	A	0%
23	B	1-24%
16	C	25-49%
17	D	50-74%
26	E	75-94%
10	F	95-99%
45	G	100%
1016	N	NR
10858		Missing

**HF Cohort Surveillance**

<i>HFAA32B3</i>		<i>Q32b3 - Were coronary bypass grafts present?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
976	N	No/NR [ <i>skip to Q33</i> ]
294	Y	Yes
10828		Missing

<i>HFAA32B3A</i>		<i>Number Of Occluded Grafts</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
152	0	
89	1	
33	2	
13	3	
1	4	
11810		Missing

<i>HFAA32B4</i>		<i>Q32b4 - Mitral Regurgitation (removed from current version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4	D	Moderate
11	E	None
1	M	Mild
36	N	NR
3	S	Severe
12043		Missing

<i>HFAA33</i>		<i>Q33 - Was a cardiac radionuclide ventriculogram performed?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7417	N	No/NR [ <i>skip to Q34</i> ]
42	Y	Yes
4639		Missing

<i>HFAA33A_FOLLOWUPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Rnv Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
41	Range	5827 - 9304 ( median=7206 mean=7220.7 std=891.6 )
12057		Missing

**HF Cohort Surveillance**

<i>HFAA33A_YEAR</i>		<i>Year Of Rnv Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
41	Range	2004 - 2014 ( median=2007 mean=2007.8 std=2.6 )
12057		Missing

<i>HFAA33B</i>		<i>Q33b - Ejection fraction: LV</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
33	Range	20 - 85 ( median=46 mean=47.6 std=16.8 )
12065		Missing

<i>HFAA33C</i>		<i>Q33c - RV: (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12098		Missing

<i>HFAA34</i>		<i>Q34 - Was a cardiac Magnetic Resonance Imaging (MRI) performed?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7444	N	No/NR
15	Y	Yes
4639		Missing

<i>HFAA34A_FOLLOWUPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Cardiac Mri Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15	Range	6694 - 10073 ( median=8181 mean=8250.2 std=838.2 )
12083		Missing

<i>HFAA34A_YEAR</i>		<i>Year Of Cardiac Mri Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	2008	
2	2010	
7	2011	
2	2013	
1	2016	
12083		Missing

**HF Cohort Surveillance**

<i>HFAA34B</i>		<i>Q34b - Ejection fraction: LV:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
15	Range	10 - 72 ( median=33 mean=37.0 std=21.3 )
12083		Missing

<i>HFAA34C</i>		<i>Q34c - RV: (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	19	
1	35	
1	51	
12095		Missing

<i>HFAA35</i>		<i>Q35 - Was a cardiac CT scan performed?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7430	N	No/NR
28	Y	Yes
4640		Missing

<i>HFAA35A_FOLLOWUPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Cardiac Ct Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
26	Range	5918 - 10630 ( median=8777.5 mean=8449.62 std=1371.46 )
12072		Missing

<i>HFAA35A_YEAR</i>		<i>Year Of Cardiac Ct Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	2005	
2	2006	
1	2007	
3	2009	
2	2011	
2	2012	
2	2013	
2	2014	
6	2015	
3	2016	
12072		Missing

**HF Cohort Surveillance**

<i>HFAA35B</i>		<i>Q35b - Ejection fraction: LV</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6	Range	21 - 80 ( median=53 mean=52.7 std=21.5 )
12092		Missing

<i>HFAA35C</i>		<i>Q35c - RV (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	51	
12097		Missing

<i>HFAA36</i>		<i>Q36 - Was a stress test performed?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7193	N	No/NR
266	Y	Yes
4639		Missing

<i>HFAA36A_FOLLOWUPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Stress Test Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
265	Range	5529 - 10818 ( median=7852 mean=7951.6 std=1253.8 )
11833		Missing

<i>HFAA36A_YEAR</i>		<i>Year Of Stress Test Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
265	Range	2005 - 2016 ( median=2010 mean=2010.0 std=3.4 )
11833		Missing

<i>HFAA36B</i>		<i>Q36b - Stress Test Result (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9	A	Abnormal
4	F	Diagnostic
8	N	Normal
12077		Missing

**HF Cohort Surveillance**

<i>HFAA36C</i>		<i>Q36c - LV: (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
228	Range	9 - 99 ( median=52 mean=49.6 std=18.1 )
11870		Missing

<i>HFAA37A</i>		<i>Q37a - Hemoglobin (g/dL) Worst</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11479	Range	1.3 - 33.9 ( median=10.3 mean=10.37 std=2.22 )
619		Missing

<i>HFAA37B</i>		<i>Q37b - Hemoglobin (g/dL) Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11480	Range	2.2 - 38.1 ( median=10.9 mean=11.01 std=1.97 )
618		Missing

<i>HFAA38A</i>		<i>Q38a - Hematocrit (%) Worst</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11374	Range	3.3 - 69.6 ( median=32 mean=32.0 std=6.5 )
724		Missing

<i>HFAA38B</i>		<i>Q38b - Hematocrit (%) Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11369	Range	7.4 - 61.6 ( median=33.6 mean=33.84 std=5.61 )
729		Missing

<i>HFAA39A</i>		<i>Q39a - BNP (pg/mL) Worst</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4793	Range	2.2 - 33987 ( median=599 mean=1097.3 std=1606.6 )
7305		Missing

<i>HFAA39B</i>		<i>Q39b - BNP (pg/mL) Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4770	Range	2.2 - 33987 ( median=530 mean=997.7 std=1552.2 )
7328		Missing



**HF Cohort Surveillance**

<i>HFAA39C</i>		<i>Q39c - BNP (pg/mL) Upper Limit Normal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4760	Range	0 - 1800 ( median=100 mean=111.0 std=111.2 )
7338		Missing

<i>HFAA3A</i>		<i>Does This Cohort Hospitalization Have A 428 Code?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
616	N	No/Not Recorded
3037	Y	Yes
8445		Missing

<i>HFAA40A</i>		<i>Q40a - ProBNP (pg/mL) Worst</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2295	Range	6 - 305000 ( median=4546 mean=10647.3 std=19666.1 )
9803		Missing

<i>HFAA40B</i>		<i>Q40b - ProBNP (pg/mL) Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2293	Range	6 - 305000 ( median=3970 mean=9669.5 std=18084.7 )
9805		Missing

<i>HFAA40C</i>		<i>Q40c - ProBNP (pg/mL) Upper Limit Normal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2323	Range	0.035 - 1801 ( median=1799 mean=1219.0 std=653.1 )
9775		Missing

<i>HFAA41A</i>		<i>Q41a - Troponin T (ng/mL) Worst</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1380	Range	0 - 10001 ( median=0.038 mean=17.6910 std=298.2457 )
10718		Missing

<i>HFAA41B</i>		<i>Q41b - Troponin T (ng/mL) Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1370	Range	0 - 10001 ( median=0.032 mean=17.6700 std=299.2963 )
10728		Missing

**HF Cohort Surveillance**

<i>HFAA41C</i>		<i>Q41c - Troponin T (ng/mL) Upper Limit Normal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1512	Range	0 - 100 ( median=0.03 mean=1.470 std=6.321 )
10586		Missing

<i>HFAA42A</i>		<i>Q42a - Troponin I (ng/mL) Worst</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6768	Range	0 - 4690 ( median=0.05 mean=7.314 std=110.565 )
5330		Missing

<i>HFAA42B</i>		<i>Q42b - Troponin I (ng/mL) Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6767	Range	0 - 5023 ( median=0.04 mean=6.825 std=117.764 )
5331		Missing

<i>HFAA42C</i>		<i>Q42c - Troponin I (ng/mL) Upper Limit Normal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6772	Range	0.008 - 135 ( median=0.1 mean=1.27 std=7.18 )
5326		Missing

<i>HFAA43A</i>		<i>Q43a - Sodium (mEq/L) Worst</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11420	Range	103 - 172 ( median=136 mean=135.9 std=4.6 )
678		Missing

<i>HFAA43B</i>		<i>Q43b - Sodium (mEq/L) Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11419	Range	103 - 173 ( median=139 mean=138.4 std=4.1 )
679		Missing

<i>HFAA44A</i>		<i>Q44a - Serum creatinine (mg/dL) Worst</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5142	Range	0.4 - 20 ( median=1.6 mean=2.23 std=1.92 )
6956		Missing

**HF Cohort Surveillance**

<i>HFAA44A1</i>		<i>Serum Creatinine First</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6434	Range	0.2 - 17.71 ( median=1.29 mean=1.658 std=1.337 )
5664		Missing

<i>HFAA44A2_FOLLOWUPDAY S</i>		<i>Days Of Follow Up From Visit 1 To Serum Creatinine First Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6433	Range	8384 - 13113 ( median=10565 mean=10613.2 std=1025.6 )
5665		Missing

<i>HFAA44A2_YEAR</i>		<i>Year Of Serum Creatinine First Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6433	Range	2012 - 2022 ( median=2017 mean=2017.2 std=2.7 )
5665		Missing

<i>HFAA44B</i>		<i>Q44b - Serum creatinine (mg/dL) Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5142	Range	0.3 - 20 ( median=1.3 mean=1.85 std=1.64 )
6956		Missing

<i>HFAA44B1</i>		<i>Serum Creatinine Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5975	Range	0.2 - 13.6 ( median=1.2 mean=1.55 std=1.26 )
6123		Missing

<i>HFAA44B2_FOLLOWUPDAY S</i>		<i>Days Of Follow Up From Visit 1 To Serum Creatinine Last Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5975	Range	8411 - 13121 ( median=10573 mean=10621.5 std=1025.8 )
6123		Missing

**HF Cohort Surveillance**

<i>HFAA44B2_YEAR</i>		<i>Year Of Q44b2 - Serum Creatinine Last Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
464	2013	
660	2014	
666	2015	
729	2016	
685	2017	
691	2018	
667	2019	
579	2020	
428	2021	
406	2022	
6123		Missing

<i>HFAA44C1</i>		<i>Serum Creatinine Highest</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5053	Range	0.3 - 17.6 ( median=1.4 mean=1.86 std=1.52 )
7045		Missing

<i>HFAA44C2_FOLLOWUPDAY S</i>		<i>Days Of Follow Up From Visit 1 To Serum Creatinine Highest Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5052	Range	8394 - 13115 ( median=10584.5 mean=10629.69 std=1029.26 )
7046		Missing

<i>HFAA44C2_YEAR</i>		<i>Year Of Serum Creatinine Highest Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5052	Range	2012 - 2022 ( median=2017 mean=2017.3 std=2.7 )
7046		Missing

<i>HFAA45A</i>		<i>Q45a - BUN (mg/dL) Worst</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11445	Range	2 - 273 ( median=32 mean=39.6 std=25.1 )
653		Missing

**HF Cohort Surveillance**

<i>HFAA45B</i>		<i>Q45b - BUN (mg/dL) Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11438	Range	2 - 263 ( median=26 mean=31.3 std=20.7 )
660		Missing

<i>HFAA46</i>		<i>Q46 - Interventions:cardiac (Electrophysiologic) Ablation Therapy (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
706	N	No/NR
4	Y	Yes
11388		Missing

<i>HFAA47</i>		<i>Q47 - Interventions:implantable Cardiac Defibrillator (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
693	N	No/NR
18	Y	Yes
11387		Missing

<i>HFAA48</i>		<i>Q48 - Interventions:cardioversion (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
680	N	No/NR
30	Y	Yes
11388		Missing

<i>HFAA49</i>		<i>Q49 - Interventions:pacemaker Placement (Non-Biventricular) (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
689	N	No/NR
21	Y	Yes
11388		Missing

<i>HFAA4A</i>		<i>At The Time Of Admission To The Hospital?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3740	N	No/Not Recorded
7937	Y	Yes
421		Missing

**HF Cohort Surveillance**

<i>HFAA4B</i>		<i>During This Hospitalization?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3595	N	No/Not Recorded
735	Y	Yes
7768		Missing

<i>HFAA50</i>		<i>Q50 - Interventions:biventricular Pacemaker (CRT) (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
704	N	No/NR
6	Y	Yes
11388		Missing

<i>HFAA51</i>		<i>Q51 - Interventions:coronary Artery Bypass Graft (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
697	N	No/NR
13	Y	Yes
11388		Missing

<i>HFAA52</i>		<i>Q52 - Interventions:(PCI)/Stent (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
685	N	No/NR
25	Y	Yes
11388		Missing

<i>HFAA53</i>		<i>Q53 - Interventions:valve Replacement/Repair (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
701	N	No/NR
9	Y	Yes
11388		Missing

<i>HFAA54</i>		<i>Q54 - Interventions:intra Aortic Balloon Pump (LABP) (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
704	N	No/NR
6	Y	Yes
11388		Missing

**HF Cohort Surveillance**

<i>HFAA55</i>		<i>Q55 - Interventions:hemofiltration/Dialysis (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
617	N	No/NR
93	Y	Yes
11388		Missing

<i>HFAA56</i>		<i>Q56 - Interventions:listed/Received Transplant Of Heart (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
708	N	No/NR
2	Y	Yes
11388		Missing

<i>HFAA57</i>		<i>Q57 - Interventions:left Ventricular Assist Device (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
709	N	No/NR
1	Y	Yes
11388		Missing

<i>HFAA58A</i>		<i>Q58a - Interventions:sodium/Cholesterol Reduction (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
400	N	No/NR
202	Y	Yes
11496		Missing

<i>HFAA58B</i>		<i>Q58b - Interventions:tobacco Cessation (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
410	N	No/NR
80	Y	Yes
112	Z	
11496		Missing

<i>HFAA58C</i>		<i>Q58c - Interventions:fluid Restriction (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
432	N	No/NR
170	Y	Yes
11496		Missing

**HF Cohort Surveillance**

<i>HFAA59</i>		<i>Q59 - Ace Inhibitors Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7983	N	No/NR
3674	Y	Yes
441		Missing

<i>HFAA59A</i>		<i>Q59a - Ace Inhibitors At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7752	N	No/NR
3351	Y	Yes
995		Missing

<i>HFAA5A</i>		<i>Q5a - If exact date unknown, estimate weeks prior to this hospitalization:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2670	Range	1 - 52 ( median=2 mean=2.3 std=2.1 )
9428		Missing

<i>HFAA5_FOLLOWUPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Date:new/Progression Symptms/Signs Known</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5920	Range	5469 - 13113 ( median=9124.5 mean=9184.04 std=1766.24 )
6178		Missing

<i>HFAA5_YEAR</i>		<i>Year Of Date:new/Progression Symptms/Signs Known</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5920	Range	2005 - 2023 ( median=2013 mean=2013.3 std=4.8 )
6178		Missing

<i>HFAA60</i>		<i>Q60 - Angiotensin II receptor blockers Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9567	N	No/NR
2087	Y	Yes
444		Missing



**HF Cohort Surveillance**

<i>HFAA60A</i>		<i>Q60a - Angiotensin II Reception Blockers At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9317	N	No/NR
1786	Y	Yes
995		Missing

<i>HFAA60B</i>		<i>Angiotensin Receptor - Neprilysin Inhibitor (Arni) Prior To Hospital/In Hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
919	N	
37	Y	
11142		Missing

<i>HFAA60B1</i>		<i>Angiotensin Receptor - Neprilysin Inhibitor (Arni) At Discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
870	N	
38	Y	
11190		Missing

<i>HFAA61A</i>		<i>Q61a - Antiarrhythmics: Amiodarone Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
648	N	No/NR
54	Y	Yes
11396		Missing

<i>HFAA61A1</i>		<i>Q61a1- Antiarrhythmics: Amiodarone At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
643	N	No/NR
52	Y	Yes
11403		Missing

<i>HFAA61B</i>		<i>Q61b - Antiarrhythmics: Other Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
686	N	No/NR
15	Y	Yes
11397		Missing

**HF Cohort Surveillance**

<i>HFAA61B1</i>		<i>Q61b1- Antiarrhythmics: Other At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
680	N	No/NR
14	Y	Yes
11404		Missing

<i>HFAA62</i>		<i>Q62 - Anticoagulants Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3089	N	No/NR
1825	Y	Yes
7184		Missing

<i>HFAA62A</i>		<i>Q62a - Anticoagulants At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2849	N	No/NR
1787	Y	Yes
7462		Missing

<i>HFAA63</i>		<i>Q63 - Anti-Inflammatory Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
624	N	No/NR
36	Y	Yes
11438		Missing

<i>HFAA63A</i>		<i>Q63a - Anti-Inflammatory At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
634	N	No/NR
23	Y	Yes
11441		Missing

<i>HFAA64A</i>		<i>Q64a - Antiplatelets: Aspirin Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2421	N	No/NR
2499	Y	Yes
7178		Missing

**HF Cohort Surveillance**

<i>HFAA64A1</i>		<i>Q64a1- Antiplatelets: Aspirin At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2338	N	No/NR
2303	Y	Yes
7457		Missing

<i>HFAA64B</i>		<i>Q64b - Antiplatelets: Other Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4305	N	No/NR
609	Y	Yes
7184		Missing

<i>HFAA64B1</i>		<i>Q64b1- Antiplatelets: Other At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4021	N	No/NR
617	Y	Yes
7460		Missing

<i>HFAA65</i>		<i>Q65 - Beta Blockers Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3729	N	No/NR
7938	Y	Yes
431		Missing

<i>HFAA65A</i>		<i>Q65a - Beta Blockers At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3399	N	No/NR
7717	Y	Yes
982		Missing

<i>HFAA66</i>		<i>Q66 - Calcium Channel Blockers Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
494	N	No/NR
217	Y	Yes
11387		Missing

**HF Cohort Surveillance**

<i>HFAA66A</i>		<i>Q66a - Calcium Channel Blockers At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
510	N	No/NR
194	Y	Yes
11394		Missing

<i>HFAA67</i>		<i>Q67 - Digitalis Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10615	N	No/NR
1050	Y	Yes
433		Missing

<i>HFAA67A</i>		<i>Q67a - Digitalis At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10082	N	No/NR
1031	Y	Yes
985		Missing

<i>HFAA68</i>		<i>Q68 - Diuretics Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3925	N	No/NR
7745	Y	Yes
428		Missing

<i>HFAA68A</i>		<i>Q68a - Diuretics At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3811	N	No/NR
7309	Y	Yes
978		Missing

<i>HFAA69</i>		<i>Q69 - Aldosterone Blocker Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10755	N	No/NR
911	Y	Yes
432		Missing

**HF Cohort Surveillance**

<i>HFAA69A</i>		<i>Q69a - Aldosterone Blocker At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10244	N	No/NR
871	Y	Yes
983		Missing

<i>HFAA6A</i>		<i>Ischemic Cardiomyopathy</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10025	N	No/Not recorded
1647	Y	Yes
426		Missing

<i>HFAA6B</i>		<i>Idiopathic/Dilated Cardiomyopathy</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11001	N	No/Not recorded
672	Y	Yes
425		Missing

<i>HFAA6C</i>		<i>Q6c - Hypertensive HF (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
587	N	No/Not recorded
16	Y	Yes
11495		Missing

<i>HFAA6D</i>		<i>Q6d - Hypertrophic Cardiomyopathy (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
599	N	No/Not recorded
4	Y	Yes
11495		Missing

<i>HFAA6E</i>		<i>Q6e - Restrictive Cardiomyopathy (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
601	N	No/Not recorded
2	Y	Yes
11495		Missing

**HF Cohort Surveillance**

<i>HFAA6F</i>		<i>Q6f - Infiltrative Cardiomyopathy (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
602	N	No/Not recorded
1	Y	Yes
11495		Missing

<i>HFAA6G</i>		<i>Q6g - Cor Pulmonale (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
592	N	No/Not recorded
11	Y	Yes
11495		Missing

<i>HFAA6H</i>		<i>Q6h - Diastolic HF (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
577	N	No/Not recorded
26	Y	Yes
11495		Missing

<i>HFAA6I</i>		<i>Q6i - Other specific cardiomyopathy/heart failure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
593	N	No/Not recorded
10	Y	Yes
11495		Missing

<i>HFAA6J</i>		<i>Q6j - Other Cardiomyopathy/Systolic HF (removed from current version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
545	N	No/Not recorded
57	Y	Yes
11496		Missing

<i>HFAA6JNEW</i>		<i>Q6j - Other Specific Cardiomyopathy/Heart Failure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5971	N	No/Not recorded
5101	Y	Yes
1026		Missing

**HF Cohort Surveillance**

<i>HFAA6K</i>		<i>Unknown/Not Recorded</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
483	N	No/Not recorded
678	Y	Yes
10937		Missing

<i>HFAA70A</i>		<i>Q70a - Lipid Lowering Statins Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5053	N	No/NR
6612	Y	Yes
433		Missing

<i>HFAA70A1</i>		<i>Q70a1 - Lipid Lowering Statins At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4901	N	No/NR
6217	Y	Yes
980		Missing

<i>HFAA70B</i>		<i>Q70b - Lipid Lowering Other Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10946	N	No/NR
717	Y	Yes
435		Missing

<i>HFAA70B1</i>		<i>Q70b1 - Lipid Lowering Agents Other At Hospital Discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10459	N	No/NR
655	Y	Yes
984		Missing

<i>HFAA71</i>		<i>Q71 - Nitrates Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8374	N	No/NR
3293	Y	Yes
431		Missing

**HF Cohort Surveillance**

<i>HFAA71A</i>		<i>Q71a - Nitrates At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7837	N	No/NR
3282	Y	Yes
979		Missing

<i>HFAA72</i>		<i>Q72 - Hydralazine Prior to hospitalization or progression in hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10366	N	No/NR
1300	Y	Yes
432		Missing

<i>HFAA72A</i>		<i>Q72a - Hydralazine</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9806	N	No/NR
1308	Y	Yes
984		Missing

<i>HFAA72B</i>		<i>SglT2 (Sodium-Glucose Co-Transporter-2) Inhibitor Prior To Hospital/In Hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
949	N	No/NR
8	Y	Yes
11141		Missing

<i>HFAA72B1</i>		<i>SglT2 (Sodium-Glucose Co-Transporter-2) Inhibitor At Discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
903	N	No/NR
6	Y	Yes
11189		Missing

<i>HFAA72C</i>		<i>Soluble Guanylate Cyclase Stimulator Prior To Hospital/In Hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
957	N	No/NR
11141		Missing



**HF Cohort Surveillance**

<i>HFAA72C1</i>		<i>Soluble Guanylate Cyclase Stimulator At Discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
909	N	No/NR
11189		Missing

<i>HFAA73A</i>		<i>Q73a - IV Inotropes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11316	N	No/NR
357	Y	Yes
425		Missing

<i>HFAA73B</i>		<i>Q73b - IV Diuretics</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5893	N	No/NR
5780	Y	Yes
425		Missing

<i>HFAA73C</i>		<i>Q73c - IV Vasodilators (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
540	N	No/NR
63	Y	Yes
11495		Missing

<i>HFAA73D</i>		<i>Q73d - IV Antiarrhythmics (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
577	N	No/NR
26	Y	Yes
11495		Missing

<i>HFAA74</i>		<i>Q74 - Cardiac Arrest (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
673	N	No/NR
38	Y	Yes
11387		Missing

**HF Cohort Surveillance**

<i>HFAA75</i>		<i>Q75 - Stroke (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
701	N	No/NR
10	Y	Yes
11387		Missing

<i>HFAA76</i>		<i>Q76 - Myocardial Infarction (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
686	N	No/NR
25	Y	Yes
11387		Missing

<i>HFAA77</i>		<i>Q77 - Time Taken To Abstract (mins):</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12081	Range	1 - 999 ( median=55 mean=64.1 std=39.7 )
17		Missing

<i>HFAA78</i>		<i>Q78 - Abstractor Number</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12098	Present	Text suppressed

<i>HFAA79_FOLLOWUPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Date Abstract Completed</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12097	Range	6263 - 13598 ( median=9666 mean=9624.4 std=1698.8 )
1		Missing

<i>HFAA79_YEAR</i>		<i>Year Of Date Abstract Completed</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12097	Range	2007 - 2024 ( median=2015 mean=2014.5 std=4.6 )
1		Missing

**HF Cohort Surveillance**

<i>HFAA7A</i>		<i>Q7a - Diagnosis of heart failure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2721	N	No/Not recorded
253	U	Unsure
8701	Y	Yes
423		Missing

<i>HFAA7B</i>		<i>Q7b - Prior hospitalization for heart failure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3177	N	No/Not recorded
4678	U	Unsure
3821	Y	Yes
422		Missing

<i>HFAA7C</i>		<i>Q7c - Treatment for heart failure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2835	N	No/Not recorded
1498	U	Unsure
7340	Y	Yes
425		Missing

<i>HFAA8</i>		<i>Q8 - Was cardiac imaging performed prior to this hospitalization?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4463	N	No/Unk
7212	Y	Yes
423		Missing

<i>HFAA8A</i>		<i>Q8a - Lowest Ejection Fraction recorded:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6765	Range	1 - 91 ( median=45 mean=43.4 std=15.7 )
5333		Missing

**HF Cohort Surveillance**

<i>HFAA8A1</i>		<i>Q8a1 - Qualitative description:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5	D	Decreased mildly
2	M	Decreased moderately
255	N	Normal
143	O	None of the above
6	S	Decreased severely
11687		Missing

<i>HFAA8B</i>		<i>Q8b - Year Of Lowest Ejection Fraction</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6597	Range	1994 - 2022 ( median=2013 mean=2012.7 std=5.0 )
5501		Missing

<i>HFAA8C</i>		<i>Q8c - Type Of Imaging</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
246	C	Cath/LV gram
6036	E	ECHO
11	M	MUGA
307	O	Other
13	R	MRI
1	T	CT
544	U	Unknown
4940		Missing

<i>HFAA9A</i>		<i>Q9a - AIDS/HIV (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
710	N	No/NR
1	Y	Yes
11387		Missing

<i>HFAA9B</i>		<i>History Of Excess Alcohol Use?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7172	N	No/NR
287	Y	Yes
4639		Missing

**HF Cohort Surveillance**

<i>HFAA9C</i>		<i>History Of Illicit Drug Use?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7393	N	No/NR
67	Y	Yes
4638		Missing

<i>HFAA9D</i>		<i>History Of Anemia?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5185	N	No/NR
2274	Y	Yes
4639		Missing

<i>HFAA9E</i>		<i>Q9e - Cancer (Excluding Skin Cancer) - removed from current form version</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
580	N	No/NR
131	Y	Yes
11387		Missing

<i>HFAA9F</i>		<i>Q9f - Connective tissue disease</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6980	N	No/NR
479	Y	Yes
4639		Missing

<i>HFAA9G</i>		<i>Q9g - Ex-Smoker (removed from current form version)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
463	N	No/NR
248	Y	Yes
11387		Missing

<i>HFAA9H</i>		<i>Q9h - Current smoker</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6842	N	No/NR
618	Y	Yes
4638		Missing

**HF Cohort Surveillance**

<i>HFAA9I</i>		<i>Q9i - Thyroid disease</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5946	N	No/NR
1515	Y	Yes
4637		Missing

<i>HFAAFLAG</i>		<i>=1 If HFAA (Or Later Version) Is Present</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12098	1	

<i>ID</i>		<i>ARIC Occurrence ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12098	Present	Text suppressed