

**HF Cohort Surveillance****Heart Failure Hospital Record Abstraction Form****Data set name: C21HFAA1\_NP****Instructions:** The Heart Failure Hospital Record Abstraction Form is completed for heart failure-eligible Community Surveillance hospitalizations.

<i>HFAA0C_FOLLOW UPDAYS</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>
11656	Range	5473 - 12712 ( median=9091.5 mean=9084.82 std=1731.84 )

<i>HFAA0C_YEAR</i>		<i>Year Of Date Of Discharge Or Death</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11656	Range	2005 - 2021 ( median=2013 mean=2013.0 std=4.7 )

<i>HFAA0D</i>		<i>What was the disposition of the patient on discharge?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10950	A	Alive [ <i>skip to Q1</i> ]
705	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
8080		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
8080		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
8080		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
8080		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
8080		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
8080		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
8080		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
8080		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
8080		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
11122		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
11122		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
7881		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
7881		Missing

<i>HFAA10A</i>		<i>Q10a - Asthma</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10047	N	No/NR
1188	Y	Yes
421		Missing

<i>HFAA10B</i>		<i>Q10b - Chronic bronchitis/COPD</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7584	N	No/NR
3649	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>
10700	N	No/NR
534	Y	Yes
422		Missing

<i>HFAA10D</i>		<i>Q10d - Pulmonary embolus</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10760	N	No/NR
474	Y	Yes
422		Missing

<i>HFAA10E</i>		<i>Q10e - Coughing, phlegm, wheezing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9958	N	No/NR
1276	Y	Yes
422		Missing

<i>HFAA10F</i>		<i>Q10f. Sleep apnea</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9622	N	No/NR
1611	Y	Yes
423		Missing

<i>HFAA11A</i>		<i>Q11a - Angina</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9219	N	No/NR
2014	Y	Yes
423		Missing

<i>HFAA11B1</i>		<i>Q11b1- Arrhythmia: Atrial fibrillation/atrial flutter</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6590	N	No/NR
4644	Y	Yes
422		Missing

**HF Cohort Surveillance**

HFAA11B2		Q11b2- Arrhythmia: Heart block or other bradycardia
<i>N</i>	<i>Value</i>	<i>Description</i>
9895	N	No/NR
1338	Y	Yes
423		Missing

HFAA11B3		Q11b3- Arrhythmia: Ventricular fibrillation or tachycardia
<i>N</i>	<i>Value</i>	<i>Description</i>
10658	N	No/NR
575	Y	Yes
423		Missing

HFAA11C		Q11c - Infectious/Bacterial Endocarditis (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
707	N	No/NR
4	Y	Yes
10945		Missing

HFAA11D		Q11d - Cardiac Arrest (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
697	N	No/NR
14	Y	Yes
10945		Missing

HFAA11E1		Q11e1- Cardiac Procedures: CABG
<i>N</i>	<i>Value</i>	<i>Description</i>
8955	N	No/NR
2279	Y	Yes
422		Missing

HFAA11E2		Q11e2- Cardiac Procedures: PCI
<i>N</i>	<i>Value</i>	<i>Description</i>
9004	N	No/NR
2228	Y	Yes
424		Missing

**HF Cohort Surveillance**

HFAA11E3		Q11e3- Cardiac Procedures: Valve surgery
N	Value	Description
10412	N	No/NR
822	Y	Yes
422		Missing

HFAA11E4		Q11e4- Cardiac Procedures: Pacemaker
N	Value	Description
9159	N	No/NR
2075	Y	Yes
422		Missing

HFAA11E5		Q11e5- Cardiac Procedures: Defibrillator
N	Value	Description
10187	N	No/NR
1042	Y	Yes
427		Missing

HFAA11F		Q11f - Congenital Heart Disease (removed from current form version)
N	Value	Description
710	N	No/NR
1	Y	Yes
10945		Missing

HFAA11G		Q11g - Coronary heart disease (within year)
N	Value	Description
9965	N	No/NR
1268	Y	Yes [skip to Q11j]
423		Missing

HFAA11H		Q11h - Coronary heart disease (ever)
N	Value	Description
4845	N	No/NR
5120	Y	Yes
1691		Missing

**HF Cohort Surveillance**

HFAA11I		Q11i - Electrocardioversion/Defibrillation (removed from current form version)
N	Value	Description
676	N	No/NR
35	Y	Yes
10945		Missing

HFAA11J		Q11j - Cardio History: Hypertension
N	Value	Description
1081	N	No/NR
10151	Y	Yes
424		Missing

HFAA11K		Q11k - Myocardial infarction
N	Value	Description
8420	N	No/NR
2813	Y	Yes
423		Missing

HFAA11L		Q11l - Pulmonary hypertension
N	Value	Description
9531	N	No/NR
1701	Y	Yes
424		Missing

HFAA11M		Q11m - Peripheral vascular disease
N	Value	Description
9428	N	No/NR
1805	Y	Yes
423		Missing

HFAA11N		Q11n - Rheumatic Heart Disease (removed from current form version)
N	Value	Description
708	N	No/NR
3	Y	Yes
10945		Missing

**HF Cohort Surveillance**

HFAA110		Q11o - Cardio History: Valvular Heart Disease
<i>N</i>	<i>Value</i>	<i>Description</i>
8258	N	No/NR
2972	Y	Yes
426		Missing

HFAA12A		Q12a - Diabetes
<i>N</i>	<i>Value</i>	<i>Description</i>
5605	N	No/NR
5629	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
10945		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
10946		Missing

HFAA13A		Q13a - Dialysis
<i>N</i>	<i>Value</i>	<i>Description</i>
10408	N	No/NR
826	Y	Yes
422		Missing

HFAA14A		Q14a - Stroke/TIA
<i>N</i>	<i>Value</i>	<i>Description</i>
8591	N	No/NR
2642	Y	Yes
423		Missing



**HF Cohort Surveillance**

HFAA14B		Q14b - Depression (remove from current form version)
N	Value	Description
9244	N	No/NR
1990	Y	Yes
422		Missing

HFAA16A		Q16a - Precipitating Factor: Postpartum State (removed from current form version)
N	Value	Description
603	N	No/NR
11053		Missing

HFAA16B		Q16b - Precipitating Factor: Excess Alcohol Intake (removed from current form version)
N	Value	Description
600	N	No/NR
3	Y	Yes
11053		Missing

HFAA16C		Q16c - Precipitating Factor: Excess Fluid Intake/Administration (removed from current form version)
N	Value	Description
586	N	No/NR
17	Y	Yes
11053		Missing

HFAA16D		Q16d - Precipitating Factor: Noncompliance With Diet
N	Value	Description
7766	N	No/NR
199	Y	Yes
3691		Missing

HFAA16E		Q16e - Precipitating Factor: Noncompliance With Medication
N	Value	Description
7630	N	No/NR
335	Y	Yes
3691		Missing

**HF Cohort Surveillance**

HFAA16F		Q16f - Precipitating Factor: Infection (removed from current form version)
N	Value	Description
547	N	No/NR
56	Y	Yes
11053		Missing

HFAA16G		Q16g - Precipitating Factor: Pneumonia (removed from current form version)
N	Value	Description
6978	N	No/NR
987	Y	Yes
3691		Missing

HFAA16H		Q16h - Precipitating Factor: Infectious/ Bacterial Endocarditis (removed from current form version)
N	Value	Description
603	N	No/NR
11053		Missing

HFAA16I		Q16i - Precipitating Factor: Pulmonary Embolus (removed from current form version)
N	Value	Description
590	N	No/NR
12	Y	Yes
11054		Missing

HFAA16J		Q16j - Precipitating Factor: Angina
N	Value	Description
7595	N	No/NR
370	Y	Yes
3691		Missing

HFAA16K		Q16k - Precipitating Factor: Atrial Fibrillation/Flutter
N	Value	Description
7086	N	No/NR
879	Y	Yes
3691		Missing

**HF Cohort Surveillance**

HFAA16L		Q16l - Precipitating Factor: Heart Block (removed from current form version)
N	Value	Description
597	N	No/NR
6	Y	Yes
11053		Missing

HFAA16M		Q16m - Precipitating Factor: Ventricular Fibrillation/Flutter (removed from current form version)
N	Value	Description
599	N	No/NR
4	Y	Yes
11053		Missing

HFAA16N		Q16n - Precipitating Factor: Cardiac Arrest (removed from current form version)
N	Value	Description
596	N	No/NR
7	Y	Yes
11053		Missing

HFAA16O		Q16o - Precipitating Factor: MI (removed from current form version)
N	Value	Description
588	N	No/NR
15	Y	Yes
11053		Missing

HFAA16P		Q16p - Precipitating Factor: Valvular Heart Disease (removed from current form version)
N	Value	Description
594	N	No/NR
9	Y	Yes
11053		Missing

HFAA16Q		Q16q - Precipitating Factor: Stroke/TIA (removed from current form version)
N	Value	Description
594	N	No/NR
9	Y	Yes
11053		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
8391		Missing

HFAA17A		Q17a - Blood Pressure: At hospital admission (or at onset of event)
N	Value	Description
10925	Range	0 - 290 ( median=138 mean=139.0 std=31.5 )
731		Missing

HFAA17B		Q17b - Blood Pressure (mmHg): At hospital admission (or at onset of event)
N	Value	Description
10838	Range	0 - 202 ( median=72 mean=74.0 std=18.6 )
818		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 )
10962		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 )
10963		Missing

HFAA18A		Q18a - Heart Rate (bpm) At hospital admission (or at onset of event)
N	Value	Description
11027	Range	0 - 209 ( median=82 mean=85.1 std=22.1 )
629		Missing

HFAA19A		Height At Admission (Value)
N	Value	Description
10134	Range	36 - 194 ( median=66 mean=70.8 std=22.3 )
1522		Missing

**HF Cohort Surveillance**

<i>HFAA19A1</i>		<i>Admission Height Units Of Measure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
485	C	cm
9634	I	in
1537		Missing

<i>HFAA1A</i>		<i>Increasing Or New Onset Shortness Of Breath</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4018	N	No/Not Recorded
7638	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>
6520	N	No/Not Recorded
5134	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>
10834	N	No/Not Recorded
820	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>
10000	N	No/Not Recorded
1653	Y	Yes
3		Missing

<i>HFAA1E</i>		<i>Increasing Or New Onset Hypoxia</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7804	N	No/Not Recorded
3850	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>
6965	N	No/Not Recorded
4689	Y	Yes
2		Missing

<i>HFAA20A</i>		<i>Weight At Admission (Value)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10506	Range	7.12 - 551.15 ( median=84.2 mean=100.00 std=50.46 )
1150		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>
8679	K	kg
1817	L	lb
1160		Missing

<i>HFAA20B</i>		<i>Weight At Discharge (Value)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7779	Range	10 - 423.16 ( median=83.9 mean=99.41 std=50.29 )
3877		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>
6423	K	kg
1344	L	lb
3889		Missing

<i>HFAA21A</i>		<i>Q21a - Height At hospital admission (or at onset of event) Q21a - Weight At hospital admission (or at onset of event) Q21a - Respiration Rate At hospital admission (or at onset of event) - removed from current form version</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
586	Range	0 - 73 ( median=20 mean=21.2 std=6.9 )
11070		Missing

**HF Cohort Surveillance**

HFAA21B		Q21b - Weight At hospital discharge (or last recorded) Q21b - Respiration Rate At hospital discharge (or last recorded) - removed from current form version
N	Value	Description
563	Range	0 - 110 ( median=20 mean=19.6 std=6.8 )
11093		Missing

HFAA22A		Q22a - Lower extremity edema
N	Value	Description
3828	N	No/NR
3630	Y	Yes
4198		Missing

HFAA22A1		Q22a1- Lower Extremity Edema At Discharge (removed from current form version)
N	Value	Description
559	N	No/NR
44	Y	Yes
11053		Missing

HFAA22B		Q22b - Jugular venous distension (JVD)
N	Value	Description
6187	N	No/NR
1274	Y	Yes
4195		Missing

HFAA22B1		Q22b1- Jugular Venous Distention At Discharge (removed from current version)
N	Value	Description
596	N	No/NR
7	Y	Yes
11053		Missing

HFAA22C		Q22c - Hepatojugular reflux
N	Value	Description
7377	N	No/NR
83	Y	Yes
4196		Missing

**HF Cohort Surveillance**

HFAA22D		Q22d - Hepatomegaly
<i>N</i>	<i>Value</i>	<i>Description</i>
7391	N	No/NR
69	Y	Yes
4196		Missing

HFAA22E		Q22e - Leg fatigue on walking
<i>N</i>	<i>Value</i>	<i>Description</i>
7375	N	No/NR
85	Y	Yes
4196		Missing

HFAA23A		Cough
<i>N</i>	<i>Value</i>	<i>Description</i>
4677	N	No/NR
2784	Y	Yes
4195		Missing

HFAA23A1		Q23a1 - Cough At Discharge (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
573	N	No/NR
30	Y	Yes
11053		Missing

HFAA23B		Dyspnea (Rest)
<i>N</i>	<i>Value</i>	<i>Description</i>
2748	N	No/NR
4712	Y	Yes
4196		Missing

HFAA23B1		Q23b1 - Dyspnea (Rest) At Discharge (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
529	N	No/NR
26	Y	Yes
11101		Missing



**HF Cohort Surveillance**

HFAA23C		Dyspnea (Walking)
N	Value	Description
2548	N	No/NR
4866	Y	Yes
4242		Missing

HFAA23C1		Q23c1 - Dyspnea (Walking) At Discharge (removed from current form version)
N	Value	Description
511	N	No/NR
41	Y	Yes
11104		Missing

HFAA23D		Dyspnea (Climbing Or Exertion)
N	Value	Description
2278	N	No/NR
5136	Y	Yes
4242		Missing

HFAA23D1		Q23d1 - Dyspnea (Climbing/Exertion) At Discharge (removed from current form version)
N	Value	Description
499	N	No/NR
54	Y	Yes
11103		Missing

HFAA23E		Stops For Breath When Walking
N	Value	Description
2591	N	No/NR
4823	Y	Yes
4242		Missing

HFAA23E1		Q23e1 - Stops Breath Walking At Discharge (removed from current form version)
N	Value	Description
513	N	No/NR
40	Y	Yes
11103		Missing

**HF Cohort Surveillance**

HFAA23F		Q23f - Stops for breath after 100 yards
<i>N</i>	<i>Value</i>	<i>Description</i>
2599	N	No/NR
4815	Y	Yes
4242		Missing

HFAA23G		Q23g - Ronchi
<i>N</i>	<i>Value</i>	<i>Description</i>
5824	N	No/NR
1630	Y	Yes
4202		Missing

HFAA23H		Q23h - Paroxysmal nocturnal dyspnea
<i>N</i>	<i>Value</i>	<i>Description</i>
6882	N	No/NR
579	Y	Yes
4195		Missing

HFAA23H1		Q23h1 - Paroxysmal Nocturnal Dyspnea At Discharge (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
590	N	No/NR
13	Y	Yes
11053		Missing

HFAA23I		Q23i - Orthopnea
<i>N</i>	<i>Value</i>	<i>Description</i>
6243	N	No/NR
1216	Y	Yes
4197		Missing

HFAA23I1		Q23i1 - Orthopnea At Discharge (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
583	N	No/NR
20	Y	Yes
11053		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
4196		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
11053		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
4197		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
11053		Missing

<i>HFAA23L</i>		<i>Q23l - Wheezing</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5255	N	No/NR
2201	Y	Yes
4200		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
11053		Missing

**HF Cohort Surveillance**

HFAA23M		Q23m - Vital Capacity (Decrs. 1/3) (removed from current form version)
N	Value	Description
592	N	No/NR
11	Y	Yes
11053		Missing

HFAA24A		Q24a - S3 (Gallop)
N	Value	Description
7299	N	No/NR
159	Y	Yes
4198		Missing

HFAA24A1		Q24a1 - S3 (Gallop) At Discharge (removed from current form version)
N	Value	Description
600	N	No/NR
3	Y	Yes
11053		Missing

HFAA24B		Q24b - S4 (Gallop) During Hospitalization (removed from current form version)
N	Value	Description
693	N	No/NR
18	Y	Yes
10945		Missing

HFAA24B1		Q24b1 - S4 (Gallop) At Discharge (removed from current form version)
N	Value	Description
602	N	No/NR
1	Y	Yes
11053		Missing

HFAA24C		Q24c - Chest Pain During Hospitalization
N	Value	Description
6042	N	No/NR
1417	Y	Yes
4197		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
11054		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	
11054		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>
671	N	No/NR
3811	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
11065		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
11065		Missing

**HF Cohort Surveillance**

HFAA26C		Q26c - Atrial Fibrillation / Atrial Flutter (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
2618	N	No/NR
1193	Y	Yes
7845		Missing

HFAA26C1		Q26c1 - On Telemetry (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
2507	N	No/NR
112	Y	Yes
9037		Missing

HFAA26D		Q26d - Left Ventricular Hypertrophy (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
512	N	No/NR
78	Y	Yes
11066		Missing

HFAA26E		Q26e - Left Bundle Branch Block (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
3449	N	No/NR
363	Y	Yes
7844		Missing

HFAA26F		Q26f - Ventricular Tachycardia (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
3738	N	No/NR
74	Y	Yes
7844		Missing

HFAA26F1		Q26f1 - On Telemetry (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
3617	N	No/NR
114	Y	Yes
7925		Missing

**HF Cohort Surveillance**

HFAA27		Q27 - Was a chest X-ray performed during this hospitalization?:
N	Value	Description
1462	N	No/NR [skip to Q29]
9770	Y	Yes
424		Missing

HFAA28A		Q28a - Alveolar Infiltrates (removed from current form version)
N	Value	Description
444	N	No/Unknown
156	Y	Yes
11056		Missing

HFAA28B		Q28b - Alveolar/pulmonary edema
N	Value	Description
8512	N	No/Unknown
1251	Y	Yes
1893		Missing

HFAA28C		Q28c - Interstitial pulmonary edema
N	Value	Description
7230	N	No/Unknown
2535	Y	Yes
1891		Missing

HFAA28D		Q28d - Cardiomegaly
N	Value	Description
4122	N	No/Unknown
5646	Y	Yes
1888		Missing

HFAA28E		Q28e - Cephalization/upper zone redistribution
N	Value	Description
9624	N	No/Unknown
136	Y	Yes
1896		Missing

**HF Cohort Surveillance**

HFAA28F		Q28f - Congestive Heart Failure (removed from current form version)
N	Value	Description
499	N	No/Unknown
102	Y	Yes
11055		Missing

HFAA28G		Q28g - Bilateral pleural effusion
N	Value	Description
7286	N	No/Unknown
2482	Y	Yes
1888		Missing

HFAA28H		Q28h - Unilateral pleural effusion
N	Value	Description
8385	N	No/Unknown
1381	Y	Yes
1890		Missing

HFAA28I		Q28i - Pulmonary Vascular Congestion (removed from current form version)
N	Value	Description
479	N	No/Unknown
122	Y	Yes
11055		Missing

HFAA28J		Q28j - Kerley B Lines (removed from current form version)
N	Value	Description
559	N	No/Unknown
2	Y	Yes
11095		Missing

HFAA28K		Q28k - Cardiothoracic ratio = 0.5
N	Value	Description
9758	N	No/Unknown
6	Y	Yes
1892		Missing



**HF Cohort Surveillance**

HFAA28L		Q28l - Congestive heart failure/ Pulmonary vascular congestion
N	Value	Description
6419	N	No/Unknown
2750	Y	Yes
2487		Missing

HFAA29		Q29 - Was a transthoracic echocardiogram performed?
N	Value	Description
4417	N	No/Unknown [skip to Q30]
6817	Y	Yes [skip to skip Q30]
422		Missing

HFAA29A_FOLLOW UPDAYS		Days Of Follow Up From Visit 1 To Tte:date
N	Value	Description
6591	Range	5471 - 12695 ( median=9514 mean=9402.1 std=1658.5 )
5065		Missing

HFAA29A_YEAR		Year Of Tte:date
N	Value	Description
6591	Range	2005 - 2022 ( median=2014 mean=2013.9 std=4.5 )
5065		Missing

HFAA29B		Q29b - Ejection fraction (%)
N	Value	Description
6686	Range	5 - 85 ( median=50 mean=46.1 std=15.8 )
4970		Missing

HFAA29C		Q29c - Wall thickness:septal
N	Value	Description
5718	Range	0.24 - 94 ( median=1.2 mean=2.59 std=4.42 )
5938		Missing

**HF Cohort Surveillance**

<i>HFAA29C1</i>		<i>Q29c1 - Wall thickness:septal (cm/mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5001	1	cm
690	2	mm
1	C	Data entry error
5964		Missing

<i>HFAA29C2</i>		<i>Q29c2 - Wall thickness:posterior</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5708	Range	0 - 103 ( median=1.2 mean=2.44 std=4.20 )
5948		Missing

<i>HFAA29C3</i>		<i>Q29c3 - Wall thickness:posterior (cm/mm)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4986	1	cm
693	2	mm
1	C	Data entry error
5976		Missing

<i>HFAA29D1</i>		<i>Q29d1 - Left ventricular hypertrophy (LVH)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
829	D	Moderate
1970	E	None
2104	M	Mild
1143	N	NR
507	P	Present
191	S	Severe
4912		Missing

**HF Cohort Surveillance**

<i>HFAA29D10</i>		<i>Q29d10- Pulmonary hypertension</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1229	D	Moderate
623	E	None
927	M	Mild
3094	N	NR
231	P	Present
607	S	Severe
4945		Missing

<i>HFAA29D11</i>		<i>Q29d11- Regional wall motion abnormality</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4960	N	No/Unknown/NR
1787	Y	Yes
4909		Missing

<i>HFAA29D12</i>		<i>Q29d12- Dilated left ventricle</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5581	N	No/Unknown/NR
1158	Y	Yes
4917		Missing

<i>HFAA29D13</i>		<i>Q29d13- Dilated right ventricle</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5374	N	No/Unknown/NR
1365	Y	Yes
4917		Missing

<i>HFAA29D14</i>		<i>Q29d14- Diastolic dysfunction</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4840	N	No/Unknown/NR
1913	Y	Yes
4903		Missing

**HF Cohort Surveillance**

<i>HFAA29D2</i>		<i>Q29d2 - Impaired LV systolic function</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
651	D	Moderate
3496	E	None
496	M	Mild
742	N	NR
267	P	Present
1101	S	Severe
4903		Missing

<i>HFAA29D3</i>		<i>Q29d3 - Impaired RV systolic function</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
266	D	Moderate
4212	E	None
355	M	Mild
1600	N	NR
209	P	Present
91	S	Severe
4923		Missing

<i>HFAA29D4</i>		<i>Q29d4 - Aortic regurgitation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
444	D	Moderate
3567	E	None
1337	M	Mild
1337	N	NR
34	P	Present
28	S	Severe
4909		Missing

**HF Cohort Surveillance**

<i>HFAA29D5</i>		<i>Q29d5 - Aortic stenosis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
404	D	Moderate
4294	E	None
598	M	Mild
1146	N	NR
60	P	Present
243	S	Severe
4911		Missing

<i>HFAA29D6</i>		<i>Q29d6 - Tricuspid regurgitation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1795	D	Moderate
1297	E	None
2387	M	Mild
587	N	NR
40	P	Present
656	S	Severe
4894		Missing

<i>HFAA29D7</i>		<i>Q29d7 - Mitral regurgitation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1710	D	Moderate
1599	E	None
2453	M	Mild
579	N	NR
29	P	Present
398	S	Severe
4888		Missing

**HF Cohort Surveillance**

<i>HFAA29D8</i>		<i>Q29d8 - Mitral stenosis</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
95	D	Moderate
4624	E	None
266	M	Mild
1687	N	NR
41	P	Present
20	S	Severe
4923		Missing

<i>HFAA29D9</i>		<i>Q29d9 - Estimated RVSP/PASP: (mmHg)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4771	Range	0 - 125 ( median=45 mean=46.5 std=15.5 )
6885		Missing

<i>HFAA29D9A</i>		<i>Q29d9a- TR jet velocity: (m/s)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3463	Range	0.152 - 294 ( median=2.972 mean=3.1131 std=5.0778 )
8193		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
11612	Y	Yes

<i>HFAA30</i>		<i>Transesophageal Echocardiogram Performed?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10119	N	No/NR [skip to Q31]
291	Y	Yes
1246		Missing

<i>HFAA30A_FOLLOW UPDAYS</i>		<i>Days Of Follow Up From Visit 1 To 1st Tee Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
289	Range	5672 - 12652 ( median=9773 mean=9581.7 std=1567.7 )
11367		Missing

**HF Cohort Surveillance**

<i>HFAA30A_YEAR</i>		<i>Year Of 1st Tee Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
289	Range	2005 - 2021 ( median=2015 mean=2014.5 std=4.1 )
11367		Missing

<i>HFAA30B</i>		<i>Q30b - Ejection fraction (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
223	Range	10 - 71 ( median=50 mean=45.5 std=14.9 )
11433		Missing

<i>HFAA30C1</i>		<i>Q30c1 - Impaired LV systolic function</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
29	D	Moderate
146	E	None
18	M	Mild
39	N	NR
8	P	Present
48	S	Severe
11368		Missing

<i>HFAA30C2</i>		<i>Q30c2 - Impaired RV systolic function</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
16	D	Moderate
137	E	None
19	M	Mild
105	N	NR
8	P	Present
3	S	Severe
11368		Missing

<i>HFAA30C3</i>		<i>Q30c3 - Regional wall motion abnormality</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
256	N	No/Unknown/NR
32	Y	Yes
11368		Missing

**HF Cohort Surveillance**

<i>HFAA30C4</i>		<i>Q30c4 - Dilated left ventricle</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
258	N	No/Unknown/NR
30	Y	Yes
11368		Missing

<i>HFAA30C5</i>		<i>Q30c5 - Dilated right ventricle</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
252	N	No/Unknown/NR
36	Y	Yes
11368		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
4199		Missing

<i>HFAA31A_FOLLOW UPDAYS</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 )
11471		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 )
11471		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 )
11638		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 )
11638		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
11638		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 )
11639		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 )
11642		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 )
11643		Missing

<i>HFAA32</i>		<i>Q32 - Was coronary angiography performed?</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10009	N	Yes
1224	Y	No/NR [skip to Q33]
423		Missing

<i>HFAA32A_FOLLOW UPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Coronary Angiography:date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1161	Range	2891 - 12503 ( median=8918 mean=8918.9 std=1694.7 )
10495		Missing

**HF Cohort Surveillance**

<i>HFAA32A_YEAR</i>		<i>Year Of Coronary Angiography:date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1161	Range	1996 - 2021 ( median=2013 mean=2012.6 std=4.6 )
10495		Missing

<i>HFAA32B1</i>		<i>Q32b1 - Ejection Fraction</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
449	Range	2 - 85 ( median=40 mean=41.4 std=16.3 )
11207		Missing

<i>HFAA32B2A</i>		<i>Q32b2a- Left Main</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
530	A	0%
183	B	1-24%
97	C	25-49%
87	D	50-74%
59	E	75-94%
21	F	95-99%
26	G	100%
202	N	NR
10451		Missing

<i>HFAA32B2B</i>		<i>Q32b2b - Left anterior descending artery and branches:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
151	A	0%
149	B	1-24%
142	C	25-49%
176	D	50-74%
224	E	75-94%
59	F	95-99%
242	G	100%
69	N	NR
10444		Missing

**HF Cohort Surveillance**

<i>HFAA32B2C</i>		<i>Q32b2c- Left circumflex/marginal artery:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
237	A	0%
187	B	1-24%
112	C	25-49%
165	D	50-74%
149	E	75-94%
86	F	95-99%
170	G	100%
104	N	NR
10446		Missing

<i>HFAA32B2D</i>		<i>Q32b2d- Right coronary artery and branches:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
179	A	0%
142	B	1-24%
137	C	25-49%
143	D	50-74%
150	E	75-94%
99	F	95-99%
264	G	100%
97	N	NR
10445		Missing

<i>HFAA32B2E</i>		<i>Q32b2e- Intermediate ramus:</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
85	A	0%
23	B	1-24%
16	C	25-49%
14	D	50-74%
24	E	75-94%
10	F	95-99%
45	G	100%
973	N	NR
10466		Missing

**HF Cohort Surveillance**

HFAA32B3		Q32b3 - Were coronary bypass grafts present?
<i>N</i>	<i>Value</i>	<i>Description</i>
937	N	No/NR [skip to Q33]
283	Y	Yes
10436		Missing

HFAA32B3A		Number Of Occluded Grafts
<i>N</i>	<i>Value</i>	<i>Description</i>
149	0	
85	1	
29	2	
13	3	
1	4	
11379		Missing

HFAA32B4		Q32b4 - Mitral Regurgitation (removed from current version)
<i>N</i>	<i>Value</i>	<i>Description</i>
4	D	Moderate
11	E	None
1	M	Mild
36	N	NR
3	S	Severe
11601		Missing

HFAA33		Q33 - Was a cardiac radionuclide ventriculogram performed?
<i>N</i>	<i>Value</i>	<i>Description</i>
7417	N	No/NR [skip to Q34]
42	Y	Yes
4197		Missing

HFAA33A_FOLLOW UPDAYS		Days Of Follow Up From Visit 1 To Rrv Date
<i>N</i>	<i>Value</i>	<i>Description</i>
41	Range	5827 - 9304 ( median=7206 mean=7220.7 std=891.6 )
11615		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 )
11615		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 )
11623		Missing

<i>HFAA33C</i>		<i>Q33c - RV: (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11656		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
4197		Missing

<i>HFAA34A_FOLLOW UPDAYS</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 )
11641		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	
11641		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 )
11641		Missing

<i>HFAA34C</i>		<i>Q34c - RV: (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	19	
1	35	
1	51	
11653		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
4198		Missing

<i>HFAA35A_FOLLOW UPDAYS</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 )
11630		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	
11630		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 )
11650		Missing

<i>HFAA35C</i>		<i>Q35c - RV (%)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1	51	
11655		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
4197		Missing

<i>HFAA36A_FOLLOW UPDAYS</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 )
11391		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 )
11391		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
11635		Missing

**HF Cohort Surveillance**

HFAA36C		Q36c - LV: (%)
N	Value	Description
228	Range	9 - 99 ( median=52 mean=49.6 std=18.1 )
11428		Missing

HFAA37A		Q37a - Hemoglobin (g/dL) Worst
N	Value	Description
11042	Range	1.3 - 33.9 ( median=10.3 mean=10.36 std=2.22 )
614		Missing

HFAA37B		Q37b - Hemoglobin (g/dL) Last
N	Value	Description
11043	Range	2.2 - 38.1 ( median=10.9 mean=11.01 std=1.97 )
613		Missing

HFAA38A		Q38a - Hematocrit (%) Worst
N	Value	Description
10941	Range	4 - 69.6 ( median=32 mean=31.9 std=6.4 )
715		Missing

HFAA38B		Q38b - Hematocrit (%) Last
N	Value	Description
10936	Range	7.4 - 61.6 ( median=33.5 mean=33.82 std=5.58 )
720		Missing

HFAA39A		Q39a - BNP (pg/mL) Worst
N	Value	Description
4618	Range	2.2 - 33987 ( median=601.55 mean=1102.997 std=1621.610 )
7038		Missing

HFAA39B		Q39b - BNP (pg/mL) Last
N	Value	Description
4595	Range	2.2 - 33987 ( median=532.6 mean=1003.05 std=1569.31 )
7061		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>
4580	Range	0 - 1800 ( median=100 mean=111.1 std=113.1 )
7076		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
8003		Missing

<i>HFAA40A</i>		<i>Q40a - ProBNP (pg/mL) Worst</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2216	Range	6 - 305000 ( median=4540 mean=10800.9 std=19954.7 )
9440		Missing

<i>HFAA40B</i>		<i>Q40b - ProBNP (pg/mL) Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2214	Range	6 - 305000 ( median=3965 mean=9792.1 std=18345.1 )
9442		Missing

<i>HFAA40C</i>		<i>Q40c - ProBNP (pg/mL) Upper Limit Normal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2243	Range	0.035 - 1801 ( median=1799 mean=1204.7 std=653.9 )
9413		Missing

<i>HFAA41A</i>		<i>Q41a - Troponin T (ng/mL) Worst</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1317	Range	0 - 4337 ( median=0.032 mean=7.5581 std=129.1741 )
10339		Missing

<i>HFAA41B</i>		<i>Q41b - Troponin T (ng/mL) Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1306	Range	0 - 4337 ( median=0.03 mean=7.585 std=129.704 )
10350		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>
1448	Range	0 - 100 ( median=0.03 mean=0.782 std=5.422 )
10208		Missing

<i>HFAA42A</i>		<i>Q42a - Troponin I (ng/mL) Worst</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6549	Range	0 - 4617 ( median=0.047 mean=3.6540 std=67.3715 )
5107		Missing

<i>HFAA42B</i>		<i>Q42b - Troponin I (ng/mL) Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6548	Range	0 - 5023 ( median=0.04 mean=3.532 std=87.521 )
5108		Missing

<i>HFAA42C</i>		<i>Q42c - Troponin I (ng/mL) Upper Limit Normal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6552	Range	0.008 - 135 ( median=0.1 mean=0.79 std=5.50 )
5104		Missing

<i>HFAA43A</i>		<i>Q43a - Sodium (mEq/L) Worst</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10980	Range	103 - 172 ( median=136 mean=135.9 std=4.6 )
676		Missing

<i>HFAA43B</i>		<i>Q43b - Sodium (mEq/L) Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10979	Range	103 - 173 ( median=139 mean=138.4 std=4.1 )
677		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 )
6514		Missing

**HF Cohort Surveillance**

<i>HFAA44A1</i>		<i>Serum Creatinine First</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5994	Range	0.2 - 17.71 ( median=1.29 mean=1.669 std=1.365 )
5662		Missing

<i>HFAA44A2_FOLLO WUPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Serum Creatinine First Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5993	Range	8384 - 12709 ( median=10464 mean=10484.1 std=936.9 )
5663		Missing

<i>HFAA44A2_YEAR</i>		<i>Year Of Q44a2 - Serum Creatinine First Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
12	2012	
503	2013	
707	2014	
725	2015	
783	2016	
745	2017	
738	2018	
722	2019	
612	2020	
446	2021	
5663		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 )
6514		Missing

<i>HFAA44B1</i>		<i>Serum Creatinine Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5568	Range	0.2 - 13.6 ( median=1.2 mean=1.56 std=1.28 )
6088		Missing

**HF Cohort Surveillance**

<i>HFAA44B2_FOLLO WUPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Serum Creatinine Last Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5568	Range	8411 - 12712 ( median=10476 mean=10492.7 std=937.0 )
6088		Missing

<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	
427	2021	
6088		Missing

<i>HFAA44C1</i>		<i>Serum Creatinine Highest</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4706	Range	0.3 - 17.6 ( median=1.4 mean=1.87 std=1.54 )
6950		Missing

<i>HFAA44C2_FOLLO WUPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Serum Creatinine Highest Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4705	Range	8394 - 12711 ( median=10482 mean=10500.5 std=941.7 )
6951		Missing

**HF Cohort Surveillance**

<i>HFAA44C2_YEAR</i>		<i>Year Of Q44c2 - Serum Creatinine Highest Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8	2012	
406	2013	
523	2014	
556	2015	
611	2016	
593	2017	
572	2018	
583	2019	
477	2020	
376	2021	
6951		Missing

<i>HFAA45A</i>		<i>Q45a - BUN (mg/dL) Worst</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11005	Range	2 - 273 ( median=32 mean=39.5 std=25.0 )
651		Missing

<i>HFAA45B</i>		<i>Q45b - BUN (mg/dL) Last</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10998	Range	2 - 201 ( median=26 mean=31.3 std=20.5 )
658		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
10946		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
10945		Missing

**HF Cohort Surveillance**

HFAA48		Q48 - Interventions:cardioversion (removed from current form version)
N	Value	Description
680	N	No/NR
30	Y	Yes
10946		Missing

HFAA49		Q49 - Interventions:pacemaker Placement (Non-Biventricular) (removed from current form version)
N	Value	Description
689	N	No/NR
21	Y	Yes
10946		Missing

HFAA4A		At The Time Of Admission To The Hospital?
N	Value	Description
3604	N	No/Not Recorded
7631	Y	Yes
421		Missing

HFAA4B		During This Hospitalization?
N	Value	Description
3489	N	No/Not Recorded
705	Y	Yes
7462		Missing

HFAA50		Q50 - Interventions:biventricular Pacemaker (CRT) (removed from current form version)
N	Value	Description
704	N	No/NR
6	Y	Yes
10946		Missing

HFAA51		Q51 - Interventions:coronary Artery Bypass Graft (removed from current form version)
N	Value	Description
697	N	No/NR
13	Y	Yes
10946		Missing

**HF Cohort Surveillance**

HFAA52		Q52 - Interventions:(PCI)/Stent (removed from current form version)
N	Value	Description
685	N	No/NR
25	Y	Yes
10946		Missing

HFAA53		Q53 - Interventions:valve Replacement/Repair (removed from current form version)
N	Value	Description
701	N	No/NR
9	Y	Yes
10946		Missing

HFAA54		Q54 - Interventions:intra Aortic Balloon Pump (LABP) (removed from current form version)
N	Value	Description
704	N	No/NR
6	Y	Yes
10946		Missing

HFAA55		Q55 - Interventions:hemofiltration/Dialysis (removed from current form version)
N	Value	Description
617	N	No/NR
93	Y	Yes
10946		Missing

HFAA56		Q56 - Interventions:listed/Received Transplant Of Heart (removed from current form version)
N	Value	Description
708	N	No/NR
2	Y	Yes
10946		Missing

HFAA57		Q57 - Interventions:left Ventricular Assist Device (removed from current form version)
N	Value	Description
709	N	No/NR
1	Y	Yes
10946		Missing

**HF Cohort Surveillance**

HFAA58A		Q58a - Interventions:sodium/Cholesterol Reduction (removed from current form version)
N	Value	Description
400	N	No/NR
202	Y	Yes
11054		Missing

HFAA58B		Q58b - Interventions:tobacco Cessation (removed from current form version)
N	Value	Description
410	N	No/NR
80	Y	Yes
112	Z	
11054		Missing

HFAA58C		Q58c - Interventions:fluid Restriction (removed from current form version)
N	Value	Description
432	N	No/NR
170	Y	Yes
11054		Missing

HFAA59		Q59 - Ace Inhibitors Prior to hospitalization or progression in hospital
N	Value	Description
7631	N	No/NR
3584	Y	Yes
441		Missing

HFAA59A		Q59a - Ace Inhibitors At hospital discharge
N	Value	Description
7399	N	No/NR
3286	Y	Yes
971		Missing

HFAA5A		Q5a - If exact date unknown, estimate weeks prior to this hospitalization:
N	Value	Description
2541	Range	1 - 52 ( median=2 mean=2.3 std=2.1 )
9115		Missing



**HF Cohort Surveillance**

<i>HFAA5_FOLLOWU PDAYS</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>
5713	Range	5469 - 12647 ( median=9043 mean=9068.5 std=1687.4 )
5943		Missing

<i>HFAA5_YEAR</i>		<i>Year Of Date:new/Progression Symptms/Signs Known</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5713	Range	2005 - 2022 ( median=2013 mean=2013.0 std=4.6 )
5943		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>
9213	N	No/NR
2000	Y	Yes
443		Missing

<i>HFAA60A</i>		<i>Q60a - Angiotensin II Reception Blockers At hospital discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8974	N	No/NR
1712	Y	Yes
970		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>
501	N	
14	Y	
11141		Missing

<i>HFAA60B1</i>		<i>Angiotensin Receptor - Neprilysin Inhibitor (Arni) At Discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
475	N	
16	Y	
11165		Missing

**HF Cohort Surveillance**

HFAA61A		Q61a - Antiarrhythmics: Amiodarone Prior to hospitalization or progression in hospital
N	Value	Description
648	N	No/NR
54	Y	Yes
10954		Missing

HFAA61A1		Q61a1- Antiarrhythmics: Amiodarone At hospital discharge
N	Value	Description
643	N	No/NR
52	Y	Yes
10961		Missing

HFAA61B		Q61b - Antiarrhythmics: Other Prior to hospitalization or progression in hospital
N	Value	Description
686	N	No/NR
15	Y	Yes
10955		Missing

HFAA61B1		Q61b1- Antiarrhythmics: Other At hospital discharge
N	Value	Description
680	N	No/NR
14	Y	Yes
10962		Missing

HFAA62		Q62 - Anticoagulants Prior to hospitalization or progression in hospital
N	Value	Description
2855	N	No/NR
1618	Y	Yes
7183		Missing

HFAA62A		Q62a - Anticoagulants At hospital discharge
N	Value	Description
2647	N	No/NR
1572	Y	Yes
7437		Missing

**HF Cohort Surveillance**

HFAA63		Q63 - Anti-Inflammatory Prior to hospitalization or progression in hospital
<i>N</i>	<i>Value</i>	<i>Description</i>
624	N	No/NR
36	Y	Yes
10996		Missing

HFAA63A		Q63a - Anti-Inflammatory At hospital discharge
<i>N</i>	<i>Value</i>	<i>Description</i>
634	N	No/NR
23	Y	Yes
10999		Missing

HFAA64A		Q64a - Antiplatelets: Aspirin Prior to hospitalization or progression in hospital
<i>N</i>	<i>Value</i>	<i>Description</i>
2163	N	No/NR
2315	Y	Yes
7178		Missing

HFAA64A1		Q64a1- Antiplatelets: Aspirin At hospital discharge
<i>N</i>	<i>Value</i>	<i>Description</i>
2089	N	No/NR
2134	Y	Yes
7433		Missing

HFAA64B		Q64b - Antiplatelets: Other Prior to hospitalization or progression in hospital
<i>N</i>	<i>Value</i>	<i>Description</i>
3914	N	No/NR
558	Y	Yes
7184		Missing

HFAA64B1		Q64b1- Antiplatelets: Other At hospital discharge
<i>N</i>	<i>Value</i>	<i>Description</i>
3660	N	No/NR
560	Y	Yes
7436		Missing

**HF Cohort Surveillance**

HFAA65		Q65 - Beta Blockers Prior to hospitalization or progression in hospital
<i>N</i>	<i>Value</i>	<i>Description</i>
3582	N	No/NR
7643	Y	Yes
431		Missing

HFAA65A		Q65a - Beta Blockers At hospital discharge
<i>N</i>	<i>Value</i>	<i>Description</i>
3267	N	No/NR
7431	Y	Yes
958		Missing

HFAA66		Q66 - Calcium Channel Blockers Prior to hospitalization or progression in hospital
<i>N</i>	<i>Value</i>	<i>Description</i>
494	N	No/NR
217	Y	Yes
10945		Missing

HFAA66A		Q66a - Calcium Channel Blockers At hospital discharge
<i>N</i>	<i>Value</i>	<i>Description</i>
510	N	No/NR
194	Y	Yes
10952		Missing

HFAA67		Q67 - Digitalis Prior to hospitalization or progression in hospital
<i>N</i>	<i>Value</i>	<i>Description</i>
10185	N	No/NR
1038	Y	Yes
433		Missing

HFAA67A		Q67a - Digitalis At hospital discharge
<i>N</i>	<i>Value</i>	<i>Description</i>
9681	N	No/NR
1014	Y	Yes
961		Missing

**HF Cohort Surveillance**

HFAA68		Q68 - Diuretics Prior to hospitalization or progression in hospital
<i>N</i>	<i>Value</i>	<i>Description</i>
3773	N	No/NR
7455	Y	Yes
428		Missing

HFAA68A		Q68a - Diuretics At hospital discharge
<i>N</i>	<i>Value</i>	<i>Description</i>
3656	N	No/NR
7046	Y	Yes
954		Missing

HFAA69		Q69 - Aldosterone Blocker Prior to hospitalization or progression in hospital
<i>N</i>	<i>Value</i>	<i>Description</i>
10345	N	No/NR
879	Y	Yes
432		Missing

HFAA69A		Q69a - Aldosterone Blocker At hospital discharge
<i>N</i>	<i>Value</i>	<i>Description</i>
9850	N	No/NR
847	Y	Yes
959		Missing

HFAA6A		Ischemic Cardiomyopathy
<i>N</i>	<i>Value</i>	<i>Description</i>
9646	N	No/Not recorded
1584	Y	Yes
426		Missing

HFAA6B		Idiopathic/Dilated Cardiomyopathy
<i>N</i>	<i>Value</i>	<i>Description</i>
10574	N	No/Not recorded
657	Y	Yes
425		Missing

**HF Cohort Surveillance**

HFAA6C		Q6c - Hypertensive HF (removed from current form version)
N	Value	Description
587	N	No/Not recorded
16	Y	Yes
11053		Missing

HFAA6D		Q6d - Hypertrophic Cardiomyopathy (removed from current form version)
N	Value	Description
599	N	No/Not recorded
4	Y	Yes
11053		Missing

HFAA6E		Q6e - Restrictive Cardiomyopathy (removed from current form version)
N	Value	Description
601	N	No/Not recorded
2	Y	Yes
11053		Missing

HFAA6F		Q6f - Infiltrative Cardiomyopathy (removed from current form version)
N	Value	Description
602	N	No/Not recorded
1	Y	Yes
11053		Missing

HFAA6G		Q6g - Cor Pulmonale (removed from current form version)
N	Value	Description
592	N	No/Not recorded
11	Y	Yes
11053		Missing

HFAA6H		Q6h - Diastolic HF (removed from current form version)
N	Value	Description
577	N	No/Not recorded
26	Y	Yes
11053		Missing

**HF Cohort Surveillance**

<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
11053		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
11054		Missing

<i>HFAA6JNEW</i>		<i>Q6j - Other Specific Cardiomyopathy/Heart Failure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5776	N	No/Not recorded
4854	Y	Yes
1026		Missing

<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
10495		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>
4907	N	No/NR
6316	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>
4762	N	No/NR
5938	Y	Yes
956		Missing

**HF Cohort Surveillance**

HFAA70B		Q70b - Lipid Lowering Other Prior to hospitalization or progression in hospital
<i>N</i>	<i>Value</i>	<i>Description</i>
10518	N	No/NR
703	Y	Yes
435		Missing

HFAA70B1		Q70b1 - Lipid Lowering Agents Other At Hospital Discharge
<i>N</i>	<i>Value</i>	<i>Description</i>
10052	N	No/NR
644	Y	Yes
960		Missing

HFAA71		Q71 - Nitrates Prior to hospitalization or progression in hospital
<i>N</i>	<i>Value</i>	<i>Description</i>
8029	N	No/NR
3196	Y	Yes
431		Missing

HFAA71A		Q71a - Nitrates At hospital discharge
<i>N</i>	<i>Value</i>	<i>Description</i>
7511	N	No/NR
3190	Y	Yes
955		Missing

HFAA72		Q72 - Hydralazine Prior to hospitalization or progression in hospital
<i>N</i>	<i>Value</i>	<i>Description</i>
9963	N	No/NR
1261	Y	Yes
432		Missing

HFAA72A		Q72a - Hydralazine
<i>N</i>	<i>Value</i>	<i>Description</i>
9419	N	No/NR
1277	Y	Yes
960		Missing



**HF Cohort Surveillance**

<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>
510	N	
5	Y	
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>
488	N	
3	Y	
11165		Missing

<i>HFAA72C</i>		<i>Soluble Guanylate Cyclase Stimulator Prior To Hospital/In Hospital</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
515	N	
11141		Missing

<i>HFAA72C1</i>		<i>Soluble Guanylate Cyclase Stimulator At Discharge</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
491	N	
11165		Missing

<i>HFAA73A</i>		<i>Q73a - IV Inotropes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10879	N	No/NR
352	Y	Yes
425		Missing

<i>HFAA73B</i>		<i>Q73b - IV Diuretics</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5665	N	No/NR
5566	Y	Yes
425		Missing

**HF Cohort Surveillance**

HFAA73C		Q73c - IV Vasodilators (removed from current form version)
N	Value	Description
540	N	No/NR
63	Y	Yes
11053		Missing

HFAA73D		Q73d - IV Antiarrhythmics (removed from current form version)
N	Value	Description
577	N	No/NR
26	Y	Yes
11053		Missing

HFAA74		Q74 - Cardiac Arrest (removed from current form version)
N	Value	Description
673	N	No/NR
38	Y	Yes
10945		Missing

HFAA75		Q75 - Stroke (removed from current form version)
N	Value	Description
701	N	No/NR
10	Y	Yes
10945		Missing

HFAA76		Q76 - Myocardial Infarction (removed from current form version)
N	Value	Description
686	N	No/NR
25	Y	Yes
10945		Missing

HFAA77		Q77 - Time Taken To Abstract (mins):
N	Value	Description
11639	Range	1 - 999 ( median=55 mean=63.5 std=39.7 )
17		Missing

**HF Cohort Surveillance**

<i>HFAA78</i>		<i>Q78 - Abstractor Number</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11656	Present	Text suppressed

<i>HFAA79_FOLLOW UPDAYS</i>		<i>Days Of Follow Up From Visit 1 To Date Abstract Completed</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11655	Range	6263 - 13014 ( median=9554 mean=9508.7 std=1619.7 )
1		Missing

<i>HFAA79_YEAR</i>		<i>Year Of Date Abstract Completed</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11655	Range	2007 - 2023 ( median=2015 mean=2014.2 std=4.4 )
1		Missing

<i>HFAA7A</i>		<i>Q7a - Diagnosis of heart failure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2608	N	No/Not recorded
248	U	Unsure
8377	Y	Yes
423		Missing

<i>HFAA7B</i>		<i>Q7b - Prior hospitalization for heart failure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3062	N	No/Not recorded
4445	U	Unsure
3727	Y	Yes
422		Missing

<i>HFAA7C</i>		<i>Q7c - Treatment for heart failure</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2720	N	No/Not recorded
1456	U	Unsure
7055	Y	Yes
425		Missing

**HF Cohort Surveillance**

HFAA8		Q8 - Was cardiac imaging performed prior to this hospitalization?
N	Value	Description
4349	N	No/Unk
6884	Y	Yes
423		Missing

HFAA8A		Q8a - Lowest Ejection Fraction recorded:
N	Value	Description
6444	Range	1 - 91 ( median=45 mean=43.3 std=15.8 )
5212		Missing

HFAA8A1		Q8a1 - Qualitative description:
N	Value	Description
5	D	Decreased mildly
2	M	Decreased moderately
249	N	Normal
142	O	None of the above
6	S	Decreased severely
11252		Missing

HFAA8B		Q8b - Year Of Lowest Ejection Fraction
N	Value	Description
6289	Range	1994 - 2021 ( median=2013 mean=2012.4 std=4.8 )
5367		Missing

HFAA8C		Q8c - Type Of Imaging
N	Value	Description
236	C	Cath/LV gram
5762	E	ECHO
11	M	MUGA
293	O	Other
13	R	MRI
1	T	CT
515	U	Unknown
4825		Missing

**HF Cohort Surveillance**

HFAA9A		Q9a - AIDS/HIV (removed from current form version)
<i>N</i>	<i>Value</i>	<i>Description</i>
710	N	No/NR
1	Y	Yes
10945		Missing

HFAA9B		History Of Excess Alcohol Use?
<i>N</i>	<i>Value</i>	<i>Description</i>
7172	N	No/NR
287	Y	Yes
4197		Missing

HFAA9C		History Of Illicit Drug Use?
<i>N</i>	<i>Value</i>	<i>Description</i>
7393	N	No/NR
67	Y	Yes
4196		Missing

HFAA9D		History Of Anemia?
<i>N</i>	<i>Value</i>	<i>Description</i>
5185	N	No/NR
2274	Y	Yes
4197		Missing

HFAA9E		Q9e - Cancer (Excluding Skin Cancer) - removed from current form version
<i>N</i>	<i>Value</i>	<i>Description</i>
580	N	No/NR
131	Y	Yes
10945		Missing

HFAA9F		Q9f - Connective tissue disease
<i>N</i>	<i>Value</i>	<i>Description</i>
6980	N	No/NR
479	Y	Yes
4197		Missing

**HF Cohort Surveillance**

<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
10945		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
4196		Missing

<i>HFAA9I</i>		<i>Q9i - Thyroid disease</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5946	N	No/NR
1515	Y	Yes
4195		Missing

<i>HFAAFLAG</i>		<i>=1 If HFAA (Or Later Version) Is Present</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11656	1	

<i>ID</i>		<i>ARIC Occurrence ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11656	Present	Text suppressed