

Data Set Name: hfscelpls14.sas7bdat

Num	Variable	Type	Len	Label
1	CELB06	Char	1	Is this event a death Q6
2	CELB13A	Char	1	Was an autopsy performed Q6A
3	CELB07	Char	1	Is event OHD/death which hospitalization info can't be located Q7
4	CELB08A3	Char	2	permission granted to access medical record Q8a3
5	CELB08C	Char	1	Is this hosp stay less than 24 hours? Q8c
6	CELB08D	Char	1	Was coronary revasc performed? Q8d
7	CELB11A	Char	80	Are MI diagnosis codes listed Q11a
8	CELB11A1	Char	80	Are MI procedure codes listed Q11a1
9	CELB11A2	Char	1	Any of following mentioned in discharge summary: MI, CHD, etc? Q11A2
10	CELB11B	Char	80	Are stroke diagnosis codes listed Q11b
11	CELB11B1	Char	80	Are stroke procedure codes listed Q11b1
12	CELB11B2	Char	1	Any following mntnd in the dx sum: Stroke/TIA? Q11B2
13	CELB11F	Char	80	Are HF diagnosis codes listed Q11f
14	CELB11F1	Char	80	Are HF procedure codes listed Q11f1
15	CELB11F2	Char	1	Diagnosis in the discharge summary Q11F2
16	CELB12	Char	1	Is this event an in-hospital death Q12
17	CELB14B	Char	80	Is the Code E10-E14, I10, I11, etc listed Q14B
18	CELB15G	Char	1	Are there any serum creatinine values Q15g
19	CELB15K	Char	1	discharge summary available Q15k
20	CELB15L	Char	1	reason discharge summary not available Q15l
21	CELB19A	Char	1	Event reported in corresp AFU for participant? Q19A
22	CELB15H1	Char	7	15h1. First (if more than one)
23	CELB15I1	Char	7	15i1. Last (if more than one)
24	CELB15J1	Char	7	15j1. Highest of remaining values (if more than two)
25	CELB15	Char	1	CEL15. Record Y, event is eligible
26	CELB16	Char	1	CEL16. Record N, event is not eligible
27	CELB11C	Char	1	CEL11c. 39-39,88.5, 250, 390-459, 745-747, 794.3, 798, 799 code
28	CELB17	Char	1	CEL17. Record N, event is a death and not eligible
29	ID_S0	Char	7	Scrambled Surv. ID
30	CELY10A	Char	7	Hospital discharge dx or procedure codes Q10a
31	CELY10B	Char	7	Hospital discharge dx or procedure codes Q10b
32	CELY10C	Char	7	Hospital discharge dx or procedure codes Q10c
33	CELY10D	Char	7	Hospital discharge dx or procedure codes Q10d
34	CELY10E	Char	7	Hospital discharge dx or procedure codes Q10e
35	CELY10F	Char	7	Hospital discharge dx or procedure codes Q10f
36	CELY10G	Char	7	Hospital discharge dx or procedure codes Q10g

Num	Variable	Type	Len	Label
37	CELY10H	Char	7	Hospital discharge dx or procedure codes Q10h
38	CELY10I	Char	7	Hospital discharge dx or procedure codes Q10i
39	CELY10J	Char	7	Hospital discharge dx or procedure codes Q10j
40	CELY10K	Char	7	Hospital discharge dx or procedure codes Q10k
41	CELY10L	Char	7	Hospital discharge dx or procedure codes Q10l
42	CELY10M	Char	7	Hospital discharge dx or procedure codes Q10m
43	CELY10N	Char	7	Hospital discharge dx or procedure codes Q10n
44	CELY10O	Char	7	Hospital discharge dx or procedure codes Q10o
45	CELY10P	Char	7	Hospital discharge dx or procedure codes Q10p
46	CELY10Q	Char	7	Hospital discharge dx or procedure codes Q10q
47	CELY10R	Char	7	Hospital discharge dx or procedure codes Q10r
48	CELY10S	Char	7	Hospital discharge dx or procedure codes Q10s
49	CELY10T	Char	7	Hospital discharge dx or procedure codes Q10t
50	CELY10U	Char	7	Hospital discharge dx or procedure codes Q10u
51	CELY10V	Char	7	Hospital discharge dx or procedure codes Q10v
52	CELY10W	Char	7	Hospital discharge dx or procedure codes Q10w
53	CELY10X	Char	7	Hospital discharge dx or procedure codes Q10x
54	CELY10Y	Char	7	Hospital discharge dx or procedure codes Q10y
55	CELY10Z	Char	7	Hospital discharge dx or procedure codes Q10z
56	CELY14A	Char	6	ICD-10 CODE for underlying cause of death Q14A
57	CEL2Y14A	Char	2	Modified 06/04 Death ICD code celb14a
58	CEL2Y10T	Char	8	Modified 06/04 D/C & Procedure ICD Codes
59	CEL2Y10I	Char	8	Modified 06/04 D/C & Procedure ICD Codes
60	CEL2Y10A	Char	8	Modified 06/04 D/C & Procedure ICD Codes
61	CEL2Y10L	Char	8	Modified 06/04 D/C & Procedure ICD Codes
62	CEL2Y10W	Char	8	Modified 06/04 D/C & Procedure ICD Codes
63	CEL2Y10H	Char	8	Modified 06/04 D/C & Procedure ICD Codes
64	CEL2Y10J	Char	8	Modified 06/04 D/C & Procedure ICD Codes
65	CEL2Y10R	Char	8	Modified 06/04 D/C & Procedure ICD Codes
66	CEL2Y10F	Char	8	Modified 06/04 D/C & Procedure ICD Codes
67	CEL2Y10S	Char	8	Modified 06/04 D/C & Procedure ICD Codes
68	CEL2Y10D	Char	8	Modified 06/04 D/C & Procedure ICD Codes
69	CEL2Y10O	Char	8	Modified 06/04 D/C & Procedure ICD Codes
70	CEL2Y10P	Char	8	Modified 06/04 D/C & Procedure ICD Codes
71	CEL2Y10N	Char	8	Modified 06/04 D/C & Procedure ICD Codes
72	CEL2Y10Q	Char	8	Modified 06/04 D/C & Procedure ICD Codes
73	CEL2Y10U	Char	8	Modified 06/04 D/C & Procedure ICD Codes
74	CEL2Y10E	Char	8	Modified 06/04 D/C & Procedure ICD Codes
75	CEL2Y10C	Char	8	Modified 06/04 D/C & Procedure ICD Codes

Num	Variable	Type	Len	Label
76	CEL2Y10B	Char	8	Modified 06/04 D/C & Procedure ICD Codes
77	CEL2Y10G	Char	8	Modified 06/04 D/C & Procedure ICD Codes
78	CEL2Y10Z	Char	8	Modified 06/04 D/C & Procedure ICD Codes
79	CEL2Y10X	Char	8	Modified 06/04 D/C & Procedure ICD Codes
80	CEL2Y10Y	Char	8	Modified 06/04 D/C & Procedure ICD Codes
81	CEL2Y10V	Char	8	Modified 06/04 D/C & Procedure ICD Codes
82	CEL2Y10M	Char	8	Modified 06/04 D/C & Procedure ICD Codes
83	CEL2Y10K	Char	8	Modified 06/04 D/C & Procedure ICD Codes
84	CELB04_YEAR	Num	8	Year of Date of discharge or death Q4

Data Set Name: hfscfdps14.sas7bdat

Num	Variable	Type	Len	Label
1	CFDA0D	Char	1	Has the hospital chart been located Q0D
2	CFDA5A	Char	1	Cohort status (ARIC Chort, JHS Chort, Commuinity, Neither) Q5A
3	CFDA5B	Char	1	Is patient address in ARIC community surveillance catchment area? Q5B
4	CFDAFLAG	Num	3	=1 IF CFDA (OR OTHER VER) IS PRESENT
5	ID_S0	Char	7	Scrambled Surv. ID
6	CFDA0C_YEAR	Num	8	Year of Date of discharge (for nonfatal case) or death Q0C

Data Set Name: hfschips14.sas7bdat

Num	Variable	Type	Len	Label
1	CHIA1A	Char	8	Primary adm diagnosis Q1a
2	CHIA1B	Char	8	Primary discharge diagnosis Q1b
3	CHIA9A	Char	8	Hospital discharge dx or procedure codes Q9a
4	CHIA9B	Char	8	Hospital discharge dx or procedure codes Q9b
5	CHIA9C	Char	8	Hospital discharge dx or procedure codes Q9c
6	CHIA9E	Char	8	Hospital discharge dx or procedure codes Q9e
7	CHIA9F	Char	8	Hospital discharge dx or procedure codes Q9f
8	CHIA9G	Char	8	Hospital discharge dx or procedure codes Q9g
9	CHIA9H	Char	8	Hospital discharge dx or procedure codes Q9h
10	CHIA9I	Char	8	Hospital discharge dx or procedure codes Q9i
11	CHIA9J	Char	8	Hospital discharge dx or procedure codes Q9j
12	CHIA9K	Char	8	Hospital discharge dx or procedure codes Q9k
13	CHIA9L	Char	8	Hospital discharge dx or procedure codes Q9l
14	CHIA9M	Char	8	Hospital discharge dx or procedure codes Q9m
15	CHIA9N	Char	8	Hospital discharge dx or procedure codes Q9n
16	CHIA9O	Char	8	Hospital discharge dx or procedure codes Q9o
17	CHIA9P	Char	8	Hospital discharge dx or procedure codes Q9p
18	CHIA9Q	Char	8	Hospital discharge dx or procedure codes Q9q
19	CHIA9R	Char	8	Hospital discharge dx or procedure codes Q9r
20	CHIA9S	Char	8	Hospital discharge dx or procedure codes Q9s
21	CHIA9T	Char	8	Hospital discharge dx or procedure codes Q9t
22	CHIA9U	Char	8	Hospital discharge dx or procedure codes Q9u
23	CHIA9V	Char	8	Hospital discharge dx or procedure codes Q9v
24	CHIA9W	Char	8	Hospital discharge dx or procedure codes Q9w
25	CHIA9X	Char	8	Hospital discharge dx or procedure codes Q9x
26	CHIA9Y	Char	8	Hospital discharge dx or procedure codes Q9y
27	CHIA9Z	Char	8	Hospital discharge dx or procedure codes Q9z
28	CHIA2A	Char	80	Hospital discharge dx or procedure codes Q2a
29	CHIA2J	Char	80	Hospital discharge dx or procedure codes Q2j
30	CHIA2S	Char	80	Hospital discharge dx or procedure codes Q2s
31	CHIA2B	Char	80	Hospital discharge dx or procedure codes Q2b
32	CHIA2K	Char	80	Hospital discharge dx or procedure codes Q2k
33	CHIA2T	Char	80	Hospital discharge dx or procedure codes Q2t
34	CHIA2C	Char	80	Hospital discharge dx or procedure codes Q2c
35	CHIA2L	Char	80	Hospital discharge dx or procedure codes Q2l
36	CHIA2U	Char	80	Hospital discharge dx or procedure codes Q2u

Num	Variable	Type	Len	Label
37	CHIA2D	Char	80	Hospital discharge dx or procedure codes Q2d
38	CHIA2M	Char	80	Hospital discharge dx or procedure codes Q2m
39	CHIA2V	Char	80	Hospital discharge dx or procedure codes Q2v
40	CHIA2E	Char	80	Hospital discharge dx or procedure codes Q2e
41	CHIA2N	Char	80	Hospital discharge dx or procedure codes Q2n
42	CHIA2W	Char	80	Hospital discharge dx or procedure codes Q2w
43	CHIA2F	Char	80	Hospital discharge dx or procedure codes Q2f
44	CHIA2O	Char	80	Hospital discharge dx or procedure codes Q2o
45	CHIA2X	Char	80	Hospital discharge dx or procedure codes Q2x
46	CHIA2G	Char	80	Hospital discharge dx or procedure codes Q2g
47	CHIA2P	Char	80	Hospital discharge dx or procedure codes Q2p
48	CHIA2Y	Char	80	Hospital discharge dx or procedure codes Q2y
49	CHIA2H	Char	80	Hospital discharge dx or procedure codes Q2h
50	CHIA2Q	Char	80	Hospital discharge dx or procedure codes Q2q
51	CHIA2Z	Char	80	Hospital discharge dx or procedure codes Q2z
52	CHIA2I	Char	80	Hospital discharge dx or procedure codes Q2i
53	CHIA2R	Char	80	Hospital discharge dx or procedure codes Q2r
54	CHIA3	Char	1	Sex Q3
55	CHIA5A	Char	1	Have Health insurance Q5a
56	CHIA5B3	Char	1	Health insurance:Medicaid Q5b3
57	CHIA7	Char	1	EMS unit transport to hospital Q7
58	CHIA8A	Char	1	Pt transferred from/to acute care hosp Q8a
59	CHIA8B	Char	1	1st transfer: In-catchment hospital Q8b
60	CHIA8C1	Char	1	Pt transferred second time Q8c1
61	CHIA8D	Char	1	2nd transfer: In-catchment hospital Q8d
62	CHIA5B1	Char	1	Health insurance:Prepaid ins/health plan
63	CHIA5B2	Char	1	Health insurance:Medicare
64	CHIA5B4	Char	1	Health insurance:Other
65	CHIAFLAG	Num	3	=1 IF CHIA (OR OTHER VER) IS PRESENT
66	CHIAFLG	Char	1	M=CHIA FORM (OR OTHER VER) IS PERM MISS
67	ID_S0	Char	7	Scrambled Surv. ID
68	CHIA0C_YEAR	Num	8	Year of Date of discharge or death Q0c
69	CHIA6A_YEAR	Num	8	Year of Date of arrival at hospital Q6a
70	CHIA8C_YEAR	Num	8	Year of Date of admission to 1st transfer hosp. Q8c
71	CHIA8E_YEAR	Num	8	Year of Date of admission to second hospital Q8e

Data Set Name: hfshdxps14.sas7bdat

Num	Variable	Type	Len	Label
1	ID_S0	Char	7	Scrambled Surv. ID
2	HDXA1C_YEAR	Num	8	Year of HDX1c. Date of HDX completion

Data Set Name: hfshfaps14.sas7bdat

Num	Variable	Type	Len	Label
1	HFAA6J1	Char	75	If other cardiomyopathy, specify
2	HFAA0D	Char	1	Patient disposition at discharge
3	HFAA0D1	Char	1	Discharged to home/routine discharge
4	HFAA0D2	Char	1	Discharged to home health care
5	HFAA0D3	Char	1	Discharged/transferred to short-term care facility
6	HFAA0D4	Char	1	Discharged to outpatient rehabilitation services/home physical therapy
7	HFAA0D5	Char	1	Discharged/transferred to long-term care facility
8	HFAA0D6	Char	1	Discharged to hospice care (inpatient or outpatient)
9	HFAA0D7	Char	1	Left against medical advice
10	HFAA0D8	Char	1	Alive, disposition not stated
11	HFAA0D9	Char	1	Disposition not stated
12	HFAA0E	Char	1	Was an autopsy performed?
13	HFAA0F	Char	1	Was the patient either dead on arrival or did he/she die in the ER?
14	HFAA0G	Char	1	Was the patient on comfort care or hospice care during this hospitalization?
15	HFAA0H	Char	1	Was the patient a DNR during this hospitalization?
16	HFAA1A	Char	1	Increasing or new onset shortness of breath
17	HFAA1B	Char	1	Increasing or new onset edema
18	HFAA1C	Char	1	Increasing or new onset paroxysmal nocturnal dyspnea
19	HFAA1D	Char	1	Increasing or new onset orthopnea
20	HFAA1E	Char	1	Increasing or new onset hypoxia
21	HFAA2	Char	1	Hospitalization reason heart failure from MD notes
22	HFAA3	Char	1	Is this a cohort participant?
23	HFAA3A	Char	1	Does hospitalization have a 428 or I50.x code?
24	HFAA4A	Char	1	At the time of admission to the hospital?
25	HFAA4B	Char	1	During this hospitalization?
26	HFAA6A	Char	1	Ischemic cardiomyopathy
27	HFAA6B	Char	1	Idiopathic/dilated cardiomyopathy
28	HFAA6JNEW	Char	1	Q6J - MD/disch.sum:Other cardiomyopathy/systolic HF
29	HFAA7A	Char	1	Prior history of diagnosis of heart failure?
30	HFAA7B	Char	1	Prior history of hospitalization for heart failure?
31	HFAA7C	Char	1	Prior history of treatment for heart failure?
32	HFAA8	Char	1	Cardiac imaging prior to hospitalization?
33	HFAA8A	Num	8	Q8A - Cardiac imaging lowest Ejection Fraction recorded
34	HFAA8A1	Char	1	Qualitative description
35	HFAA8C	Char	1	Type of imaging
36	HFAA9B	Char	1	History of excess alcohol use?

Num	Variable	Type	Len	Label
37	HFAA9C	Char	1	History of illicit drug use?
38	HFAA9D	Char	1	History of anemia?
39	HFAA9F	Char	1	History of connective tissue disease?
40	HFAA9H	Char	1	History of smoking?
41	HFAA9I	Char	1	History of thyroid disease?
42	HFAA10A	Char	1	Asthma
43	HFAA10B	Char	1	Chronic bronchitis/COPD
44	HFAA10C	Char	1	Other chronic lung disease
45	HFAA10D	Char	1	Pulmonary embolus
46	HFAA10E	Char	1	Coughing, phlegm, wheezing
47	HFAA10F	Char	1	Sleep apnea
48	HFAA11A	Char	1	Angina
49	HFAA11B1	Char	1	Arrhythmia: Atrial fibrillation/atrial flutter
50	HFAA11B2	Char	1	Arrhythmia: Heart block or other bradycardia
51	HFAA11B3	Char	1	Arrhythmia: Ventricular fibrillation or tachycardia
52	HFAA11E1	Char	1	Cardiac Procedures: CABG
53	HFAA11E2	Char	1	Cardiac Procedures: PCI
54	HFAA11E3	Char	1	Cardiac Procedures: Valve surgery
55	HFAA11E4	Char	1	Cardiac Procedures: Pacemaker
56	HFAA11E5	Char	1	Cardiac Procedures: Defibrillator
57	HFAA11G	Char	1	Coronary heart disease (within year)
58	HFAA11H	Char	1	Coronary heart disease (ever)
59	HFAA11J	Char	1	Hypertension
60	HFAA11K	Char	1	Myocardial infarction
61	HFAA11L	Char	1	Pulmonary hypertension
62	HFAA11M	Char	1	Peripheral vascular disease
63	HFAA11O	Char	1	Valvular heart disease
64	HFAA12A	Char	1	Gastrointestinal/Endocrine: Diabetes
65	HFAA13A	Char	1	Renal: Dialysis
66	HFAA14A	Char	1	Neurology: Stroke/TIA
67	HFAA14B	Char	1	Neurology: Depression
68	HFAA16D	Char	1	Noncompliance with diet
69	HFAA16E	Char	1	Noncompliance with medication
70	HFAA16G	Char	1	Pneumonia
71	HFAA16J	Char	1	Angina/Myocardial infarction
72	HFAA16K	Char	1	Atrial fibrillation/flutter
73	HFAA17A	Num	8	Q17A - Blood pressure: hosp admis (or onset)
74	HFAA17B	Num	8	Q17B - Blood pressure: hosp admis (or onset)
75	HFAA18A	Num	8	Q18A - Heart Rate at admission

Num	Variable	Type	Len	Label
76	HFAA19A	Num	8	Q19A - Height at admission (value)
77	HFAA19A1	Char	1	Admission height units of measure
78	HFAA20A	Num	8	Q20A - Weight at admission (value)
79	HFAA20A1	Char	1	Weight units of measure at hospital admission (or at onset of event)
80	HFAA20B	Num	8	Q20B - Weight at discharge (value)
81	HFAA20B1	Char	1	Weight units of measure at hospital admission (or at onset of event)
82	HFAA22A	Char	1	Lower extremity edema
83	HFAA22B	Char	1	Jugular venous distension (JVD)
84	HFAA22C	Char	1	Hepatojugular reflux
85	HFAA22D	Char	1	Hepatomegaly
86	HFAA22E	Char	1	Leg fatigue on walking
87	HFAA23A	Char	1	Cough
88	HFAA23B	Char	1	Dyspnea (Rest)
89	HFAA23C	Char	1	Dyspnea (Walking)
90	HFAA23D	Char	1	Dyspnea (Climbing or exertion)
91	HFAA23E	Char	1	Stops for breath when walking
92	HFAA23F	Char	1	Stops for breath after 100 yards
93	HFAA23G	Char	1	Rhonchi
94	HFAA23H	Char	1	Paroxysmal nocturnal dyspnea
95	HFAA23I	Char	1	Orthopnea
96	HFAA23J	Char	1	Pulmonary basilar rales
97	HFAA23K	Char	1	Rales (more than basilar)
98	HFAA23L	Char	1	Wheezing
99	HFAA24A	Char	1	S3 (gallop)
100	HFAA24C	Char	1	Chest Pain
101	HFAA27	Char	1	Chest X-ray during this hospitalization?
102	HFAA28B	Char	1	Alveolar/pulmonary edema
103	HFAA28C	Char	1	Interstitial pulmonary edema
104	HFAA28D	Char	1	Cardiomegaly
105	HFAA28E	Char	1	Cephalization/upper zone redistribution
106	HFAA28G	Char	1	Bilateral pleural effusion
107	HFAA28H	Char	1	Unilateral pleural effusion
108	HFAA28K	Char	1	Cardiothoracic ratio = 0.5
109	HFAA28L	Char	1	Congestive heart failure/ Pulmonary vascular congestion
110	HFAA29	Char	1	Transthoracic echocardiogram performed?
111	HFAA29B	Num	8	Q29B - TTE:Ejection fraction
112	HFAA29C	Num	8	Q29C - TTE:Wall thickness-Septal
113	HFAA29C1	Char	1	Wall thickness: septal: units of measure
114	HFAA29C2	Num	8	Q29C2 - TTE:Wall thickness-Posterior

Num	Variable	Type	Len	Label
115	HFAA29C3	Char	1	Wall thickness: posterior: units of measure
116	HFAA29D1	Char	1	Left ventricular hypertrophy (LVH)
117	HFAA29D2	Char	1	Impaired LV systolic function
118	HFAA29D3	Char	1	Impaired RV systolic function
119	HFAA29D4	Char	1	Aortic regurgitation
120	HFAA29D5	Char	1	Aortic stenosis
121	HFAA29D6	Char	1	Tricuspid regurgitation
122	HFAA29D7	Char	1	Mitral regurgitation
123	HFAA29D8	Char	1	Mitral stenosis
124	HFAA29D9	Num	8	Q29D9 - TTE:Estimated RVSP/PASP
125	HFAA29D9A	Num	8	Q29D9A- TTE:TR jet velocity
126	HFAA29D10	Char	1	Pulmonary hypertension
127	HFAA29D11	Char	1	Regional wall motion abnormality
128	HFAA29D12	Char	1	Dilated left ventricle
129	HFAA29D13	Char	1	Dilated right ventricle
130	HFAA29D14	Char	1	Diastolic dysfunction
131	HFAA30	Char	1	Transesophageal echocardiogram performed?
132	HFAA30B	Num	8	Q30B - 1st TEE Ejection fraction
133	HFAA30C1	Char	1	Impaired LV systolic function
134	HFAA30C2	Char	1	Impaired RV systolic function
135	HFAA30C3	Char	1	Regional wall motion abnormality
136	HFAA30C4	Char	1	Dilated left ventricle
137	HFAA30C5	Char	1	Dilated right ventricle
138	HFAA31	Char	1	Right cardiac catheterization performed?
139	HFAA32	Char	1	Coronary angiography performed?
140	HFAA32B1	Num	8	Q32B1 - Coronary angiography:Ejection fraction
141	HFAA32B2A	Char	1	Record: Left main
142	HFAA32B2B	Char	1	Record: Left anterior descending artery and branches
143	HFAA32B2C	Char	1	Record: Left circumflex/marginal artery
144	HFAA32B2D	Char	1	Record: Right coronary artery and branches
145	HFAA32B2E	Char	1	Record: Intermediate ramus
146	HFAA32B3	Char	1	Were coronary bypass grafts present?
147	HFAA32B3A	Num	8	Q32B3A- Number of occluded grafts
148	HFAA33	Char	1	Cardiac radionuclide ventriculogram performed?
149	HFAA33B	Num	8	Q33B - RNV Ejection fraction: LV
150	HFAA33C	Num	8	Q33C - RNV Ejection fraction: RV
151	HFAA34	Char	1	Cardiac Magnetic Resonance Imaging (MRI) performed?
152	HFAA34B	Num	8	Q34B - Cardiac MRI Ejection fraction: LV
153	HFAA34C	Num	8	Q34C - Cardiac MRI Ejection fraction: RV

Num	Variable	Type	Len	Label
154	HFAA35	Char	1	Cardiac CT scan performed?
155	HFAA35B	Num	8	Q35B - Cardiac CT Ejection fraction: LV
156	HFAA35C	Num	8	Q35C - Cardiac CT Ejection fraction: RV
157	HFAA36	Char	1	Stress test performed?
158	HFAA36C	Num	8	Q36C - Stress test Ejection fraction: LV
159	HFAA37A	Num	8	Q37A - Hemoglobin Worst
160	HFAA37B	Num	8	Q37B - Hemoglobin Last
161	HFAA38A	Num	8	Q38A - Hematocrit Worst
162	HFAA38B	Num	8	Q38B - Hematocrit Last
163	HFAA39A	Num	8	Q39A - BNP Worst
164	HFAA39B	Num	8	Q39B - BNP Last
165	HFAA39C	Num	8	Q39C - BNP Upper Limit Normal
166	HFAA40A	Num	8	Q40A - ProBNP Worst
167	HFAA40B	Num	8	Q40B - ProBNP Last
168	HFAA40C	Num	8	Q40C - ProBNP Upper Limit Normal
169	HFAA41A	Num	8	Q41A - Troponin T Worst
170	HFAA41B	Num	8	Q41B - Troponin T Last
171	HFAA41C	Num	8	Q41C - Troponin T Upper Limit Normal
172	HFAA42A	Num	8	Q42A - Troponin I Worst
173	HFAA42B	Num	8	Q42B - Troponin I Last
174	HFAA42C	Num	8	Q42C - Troponin I Upper Limit Normal
175	HFAA43A	Num	8	Q43A - Sodium Worst
176	HFAA43B	Num	8	Q43B - Sodium Last
177	HFAA44A1	Num	8	Q44A1 - Serum creatinine First
178	HFAA44B1	Num	8	Q44B1 - Serum creatinine Last
179	HFAA44C1	Num	8	Q44C1 - Serum creatinine Highest
180	HFAA45A	Num	8	Q45A - BUN Worst
181	HFAA45B	Num	8	Q45B - BUN Last
182	HFAA59	Char	1	Ace inhibitors
183	HFAA59A	Char	1	ACE inhibitors at hospital discharge?
184	HFAA60	Char	1	Angiotensin II receptor blockers
185	HFAA60A	Char	1	Angiotensin II receptor blockers at hospital discharge?
186	HFAA65	Char	1	Beta blockers
187	HFAA65A	Char	1	Beta blockers at hospital discharge?
188	HFAA67	Char	1	Digitalis
189	HFAA67A	Char	1	Digitalis at hospital discharge?
190	HFAA68	Char	1	Diuretics
191	HFAA68A	Char	1	Diuretics at hospital discharge?
192	HFAA69	Char	1	Aldosterone Blocker

Num	Variable	Type	Len	Label
193	HFAA69A	Char	1	Aldosterone Blocker at hospital discharge?
194	HFAA70A	Char	1	Lipid lowering agents: Statins prior to hospitalization or progression in hosp
195	HFAA70A1	Char	1	Lipid lowering agents: Statins at hospital discharge
196	HFAA70B	Char	1	Lipid lowering agents: Other prior to hospitalization or progression in hosp
197	HFAA70B1	Char	1	Lipid lowering agents: Other at hospital discharge
198	HFAA71	Char	1	Nitrates
199	HFAA71A	Char	1	Nitrates at hospital discharge
200	HFAA72	Char	1	Hydralazine
201	HFAA72A	Char	1	Hydralazine at hospital discharge
202	HFAA73A	Char	1	IV inotropes during hospitalization?
203	HFAA73B	Char	1	IV diuretics during hospitalization?
204	HFAA6K	Char	1	Q6K - Unknown/Not recorded
205	HFAA44A	Num	8	Q44A - Serum creatinine Worst
206	HFAA44B	Num	8	Q44B - Serum creatinine Last
207	HFAA9A	Char	1	Q9A - Gen His: AIDS/HIV
208	HFAA9E	Char	1	Q9E - Gen his: Cancer (excluding skin cancer)
209	HFAA9G	Char	1	Q9G - Gen his: Ex-smoker
210	HFAA11C	Char	1	Q11C - Cardio his: Infectious/bacterial endocarditis
211	HFAA11D	Char	1	Q11D - Cardio his: Cardiac arrest
212	HFAA11F	Char	1	Q11F - Cardio his: Congenital heart disease
213	HFAA11I	Char	1	Q11I - Cardio his: Electrocardioversion/defibrillation
214	HFAA11N	Char	1	Q11N - Cardio his: Rheumatic heart disease
215	HFAA12B	Char	1	Q12B - Gastro/Endo his: Hyperlipidemia
216	HFAA12C	Char	1	Q12C - Gastro/Endo his: Liver disease
217	HFAA17C	Num	8	Q17C - Blood Pressure: hospital discharge
218	HFAA17D	Num	8	Q17D - Blood Pressure: hospital discharge
219	HFAA24B	Char	1	Q24B - S4 (gallop) during hospitalization
220	HFAA25	Char	1	Q25 - Electrocardiogram performed during hosp
221	HFAA26A	Char	1	Q26A - MI (age undetermined)
222	HFAA26B	Char	1	Q26B - Ischemic changes or ST-T changes
223	HFAA26C	Char	1	Q26C - Atrial fibrillation / atrial flutter
224	HFAA26C1	Char	1	Q26C1 - On telemetry
225	HFAA26D	Char	1	Q26D - Left ventricular hypertrophy
226	HFAA26E	Char	1	Q26E - Left bundle branch block
227	HFAA26F	Char	1	Q26F - Ventricular tachycardia
228	HFAA26F1	Char	1	Q26F1 - On telemetry
229	HFAA28A	Char	1	Q28A - Chest X-ray:Alveolar infiltrates
230	HFAA28F	Char	1	Q28F - Chest X-ray:Congestive heart failure
231	HFAA28I	Char	1	Q28I - Chest X-ray:Pulmonary vascular congestion

Num	Variable	Type	Len	Label
232	HFAA31B1	Num	8	Q31B1 - Rt.cath measures:Rt atrial pressure (mean)
233	HFAA31B2	Num	8	Q31B2 - Rt.cath measures:Pulmonary arterial pressure(value)
234	HFAA31B3	Num	8	Q31B3 - Rt.cath measures:Pulmonary wedge pressure(unit)
235	HFAA31B4	Num	8	Q31B4 - Rt.Cath measures:Cardiac output
236	HFAA31B5	Num	8	Q31B5 - Rt.cath measures:Cardiac index
237	HFAA32B4	Char	1	Q32B4 - Mitral regurgitation
238	HFAA36B	Char	1	Q36B - Stress test Result:N=Normal,A=Abnormal,E=Equivocal, F=Diagnostic
239	HFAA46	Char	1	Q46 - Interventions:Cardiac (electrophysiologic) ablation therapy
240	HFAA47	Char	1	Q47 - Interventions:Implantable cardiac defibrillator
241	HFAA48	Char	1	Q48 - Interventions:Cardioversion
242	HFAA49	Char	1	Q49 - Interventions:Pacemaker placement (non-biventricular)
243	HFAA50	Char	1	Q50 - Interventions:Biventricular pacemaker (CRT)
244	HFAA51	Char	1	Q51 - Interventions:Coronary Artery Bypass Graft
245	HFAA52	Char	1	Q52 - Interventions:(PCI)/stent
246	HFAA53	Char	1	Q53 - Interventions:Valve replacement/repair
247	HFAA54	Char	1	Q54 - Interventions:Intra Aortic Balloon Pump (IABP)
248	HFAA55	Char	1	Q55 - Interventions:Hemofiltration/dialysis
249	HFAA56	Char	1	Q56 - Interventions:Listed/received transplant of heart
250	HFAA57	Char	1	Q57 - Interventions:Left ventricular assist device
251	HFAA61A	Char	1	Q61A - Antiarrhythmics: Amiodarone prior to hospital/in hospital
252	HFAA61A1	Char	1	Q61A1- Antiarrhythmics: Amiodarone at discharge
253	HFAA61B	Char	1	Q61B - Antiarrhythmics: Other prior to hospital/in hospital
254	HFAA61B1	Char	1	Q61B1- Antiarrhythmics: Other at discharge
255	HFAA62	Char	1	Q62 - Anticoagulants prior to hospital/in hospital
256	HFAA62A	Char	1	Q62A - Anticoagulants at discharge
257	HFAA64A	Char	1	Q64A - Antiplatelets: Aspirin prior to hospital/in hospital
258	HFAA64A1	Char	1	Q64A1- Antiplatelets: Aspirin at discharge
259	HFAA64B	Char	1	Q64B - Antiplatelets: Other prior to hospital/in hospital
260	HFAA64B1	Char	1	Q64B1- Antiplatelets: Other at discharge
261	HFAA66	Char	1	Q66 - Calcium channel blockers prior to hosp/in hosp
262	HFAA66A	Char	1	Q66A - Calcium channel blockers at discharge
263	HFAA74	Char	1	Q74 - Cardiac arrest
264	HFAA75	Char	1	Q75 - Stroke
265	HFAA76	Char	1	Q76 - Myocardial infarction
266	HFAAFLAG	Num	3	=1 IF HFAA (OR OTHER VER) IS PRESENT
267	HFAA31B2A	Char	3	HFA31b2a. Rt.cath measures:Pulmonary arterial pressure
268	HFAA6C	Char	1	HFA6c. MD/disch.sum:Hypertensive HF
269	HFAA6D	Char	1	HFA6d. MD/disch.sum:Hypertrophic cardiomyopathy
270	HFAA6E	Char	1	HFA6e. MD/disch.sum:Restrictive cardiomyopathy

Num	Variable	Type	Len	Label
271	HFAA6F	Char	1	HFA6f. MD/disch.sum:Infiltrative cardiomyopathy
272	HFAA6G	Char	1	HFA6g. MD/disch.sum:Cor pulmonale
273	HFAA6H	Char	1	HFA6h. MD/disch.sum:Diastolic HF
274	HFAA6I	Char	1	HFA6i. MD/disch.sum:Valvular cardiomyopathy
275	HFAA6J	Char	1	HFA6j. MD/disch.sum:Other cardiomyopathy/systolic HF
276	HFAA16A	Char	1	HFA16a. Precipitating fact: Postpartum state
277	HFAA16B	Char	1	HFA16b. Precipitating fact: Excess alcohol intake
278	HFAA16C	Char	1	HFA16c. Precipitating fact: Excess fluid intake/administration
279	HFAA16F	Char	1	HFA16f. Precipitating fact: Infection
280	HFAA16H	Char	1	HFA16h. Precipitating fact: Infectious/ bacterial endocarditis
281	HFAA16I	Char	1	HFA16i. Precipitating fact: Pulmonary embolus
282	HFAA16L	Char	1	HFA16l. Precipitating fact: Heart block
283	HFAA16M	Char	1	HFA16m. Precipitating fact: Ventricular fibrillation/flutter
284	HFAA16N	Char	1	HFA16n. Precipitating fact: Cardiac arrest
285	HFAA16O	Char	1	HFA16o. Precipitating fact: MI
286	HFAA16P	Char	1	HFA16p. Precipitating fact: Valvular heart disease
287	HFAA16Q	Char	1	HFA16q. Precipitating fact: Stroke/TIA
288	HFAA22A1	Char	1	HFA22a1. General:Lower extremity edema-discharge
289	HFAA22B1	Char	1	HFA22b1. General:Jugular venous distention-discharge
290	HFAA21A	Num	8	HFA21a. Respiration Rate at admission
291	HFAA21B	Num	8	HFA21b. Respiration Rate at discharge
292	HFAA23A1	Char	1	HFA23a1. Cough at discharge
293	HFAA23B1	Char	1	HFA23b1. Dyspnea (rest) at discharge
294	HFAA23C1	Char	1	HFA23c1. Dyspnea (walking) at discharge
295	HFAA23D1	Char	1	HFA23d1. Dyspnea (climbing/exertion) at discharge
296	HFAA23E1	Char	1	HFA23e1. Stops breath walking at discharge
297	HFAA23H1	Char	1	HFA23h1. Paroxysmal nocturnal dsypnea at discharge
298	HFAA23I1	Char	1	HFA23i1. Orthopnea at discharge
299	HFAA23J1	Char	1	HFA23j1. Pulmonary basilar rales at discharge
300	HFAA23K1	Char	1	HFA23k1. Rales (more than basilar) at discharge
301	HFAA23L1	Char	1	HFA23l1. Wheezing at discharge
302	HFAA23M	Char	1	HFA23m. Vital capacity (decrs. 1/3)during hosp or admis
303	HFAA24A1	Char	1	HFA24a1. S3 (gallop) at discharge
304	HFAA24B1	Char	1	HFA24b1. S4 (gallop) at discharge
305	HFAA24C1	Char	1	HFA24c1. Chest Pain at discharge
306	HFAA24D	Char	1	HFA24d. NYHA class
307	HFAA28J	Char	1	HFA28j. Chest X-ray:Kerley B lines
308	HFAA58A	Char	1	HFA58a. Interventions:Sodium/cholesterol reduction
309	HFAA58B	Char	1	HFA58b. Interventions:Tobacco cessation

Num	Variable	Type	Len	Label
310	HFAA58C	Char	1	HFA58c. Interventions:Fluid restriction
311	HFAA63	Char	1	HFA63. Anti-inflammatory prior to hospital/in hospital
312	HFAA63A	Char	1	HFA63a. Anti-inflammatory at discharge
313	HFAA73C	Char	1	HFA73c. IV vasodilators
314	HFAA73D	Char	1	HFA73d. IV antiarrhythmics
315	HFAA16R	Char	1	HFA16r. Was Angina/Myocardial infarction listed as precipitating factor
316	ID_S0	Char	7	Scrambled Surv. ID
317	HFAA5_YEAR	Num	8	Year of Q5 - Date:new/progression symptms/signs known
318	HFAA33A_YEAR	Num	8	Year of Q33A - RNV Date
319	HFAA34A_YEAR	Num	8	Year of Q34A - Cardiac MRI Date
320	HFAA35A_YEAR	Num	8	Year of Q35A - Cardiac CT Date
321	HFAA36A_YEAR	Num	8	Year of Q36A - Stress test Date

Data Set Name: hfsoccps14.sas7bdat

Num	Variable	Type	Len	Label
1	ORIGCODE_N	Char	1200	origcode_n
2	CODENUM	Num	8	ICD code grouping for CHD
3	HFNUM	Num	8	HF discharge code sampling category
4	HF_SF	Num	8	Heart Failure sampling fraction
5	AGE	Num	8	Age at Discharge--calculated by uc487101
6	SKIPOUT	Num	8	Hospitalization requiring completion of HFA questions 1-3 only
7	SAMWTHF	Num	8	Sampling weight
8	YEARDOD	Num	8	Year of date of discharge/death
9	FRAMINGHAM	Char	3	Framingham Criteria: NPR=Not present PRS=HF present
10	MBOSTON	Char	3	Modified Boston Criteria: DEF=Definite HF; POS=Possible HF; UNL=HF unlikely
11	GOTHENBURG	Num	8	Gothenburg Criteria: 0=Absent 1=Latent 2=Manifest 3=Grade 3 4=HF death 5=Unkown
12	NHANES	Char	3	NHANES Criteria: NPR=Not present PRS=HF present
13	COMP_ADHF	Num	8	computer diagnosed acute decompensated HF
14	ADHF	Num	8	acute decompensated HF
15	SEX	Char	1	Sex
16	HF_HX	Char	1	history of hospitalized HF (from HFAA7B)
17	TRIALISTHF	Num	8	HF BY TRIALIST CRITERIA
18	HFDIAG	Char	1	ARIC adjudicated HF diagnosis: A=Definite decompensated HF, B=Probable decompensated HF, C=Chronic stable HF , D=Unlikely HF, E=Unclassifiable
19	HFDIAG3	Num	8	3-level ARIC diagnosis: definite and probable HF combined, unlikely and unclassifiable combined
20	HF428	Num	8	ICD-428 in abstraction form
21	PRIDISCH	Char	12	Primary Discharge ICD code
22	LVEF_CUR_SOU	Char	30	CURRENT EJECTION FRACTION SOURCE
23	LVEF_PRE_SOU	Char	30	PREVIOUS EJECTION FRACTION SOURCE
24	HFTYPE_EVER	Char	20	EJECTION FRACTION TYPE EVER
25	ADHFTYPE_EVER	Char	20	HF TYPE EVER FOR DEFINITE OR PROBABLE DECOMPENSATED HEART FAILURE
26	INCADHFTYPE_EVER	Char	20	HF TYPE EVER FOR ACUTE DECOMPENSATED HEART FAILURE
27	PRVCHD	Num	8	Prevalent CHD
28	INCADHF	Num	8	incident ADHF
29	RADHF	Num	8	recurrent ADHF
30	ICDGRP	Num	8	ICD discharge code group
31	BMI	Num	8	BMI at Hospital discharge
32	BMI_CAT	Num	8	Categorized BMI
33	LOS	Num	8	Length of Stay: number of days from hospital arrival to discharge or death
34	EGFREPI_LAST	Num	8	LAST eGFR _{Epi}

Num	Variable	Type	Len	Label
35	EGFREPI_WORST	Num	8	WORST eGFREpi
36	BNP_WORST	Num	8	WORST LAB BNP
37	BNP_LAST	Num	8	LAST LAB BNP
38	TROPONINT_WORST	Num	8	WORST LAB TROPONIN T
39	TROPONINT_LAST	Num	8	LAST LAB TROPONIN T
40	TROPONINI_WORST	Num	8	WORST LAB TROPONIN I
41	TROPONINI_LAST	Num	8	LAST LAB TROPONIN I
42	LVEF_CUR	Num	8	CURRENT EJECTION FRACTION
43	LVEF_PRE	Num	8	PREVIOUS EJECTION FRACTION
44	LVEF_PRE_YEAR	Num	8	PREVIOUS EJECTION FRACTION YEAR
45	LVEF_CUR_LOW	Num	8	CURRENT EJECTION FRACTION < 50
46	LVEF_PRE_LOW	Num	8	PREVIOUS EJECTION FRACTION < 50
47	EVTTYPE_F	Char	6	Case-fatality event type
48	DDAYS_HF2	Num	8	Days from HF event to death
49	SAMSTRAT2	Char	27	sampling stratum with counts over 1
50	CF_ELIG	Num	8	Eligible for case fatality analyses
51	DDAYS_HF3	Num	8	Number Of Days From Event To Death for any HF occurrence including HFDIAG=A, B, C, D or E
52	F28_HF3	Num	8	Case fatality within 28 days for any HF occurrence including HFDIAG=A, B, C, D or E
53	F365_HF3	Num	8	Case fatality within 365 days for any HF occurrence including HFDIAG=A, B, C, D or E
54	F28_HF2	Num	8	1=HF event was fatal within 28 days
55	F365_HF2	Num	8	1=HF event was fatal within 365 days
56	TEACHING	Char	15	Teaching status of Hospital
57	ID_S0	Char	7	Scrambled Surv. ID
58	DDAYS	Num	8	Days from visit 1 to DOD
59	HFDAYS	Num	8	Days from visit 1 to admission date for HF
60	ID_C	Char	7	Scrambled Cohort Visit ID
61	lvef_cur_dat_yr	Num	8	Year of Current ejection fraction
62	dod_yr	Num	8	Year of date of death
63	dod3_yr	Num	8	Year of data of death for any HF occurrence including HFDIAG=A,B,C,D, or E