

**Data Set Name: a\_base.sas7bdat**

Num	Variable	Type	Len	Label
1	PATNUMB	Char	9	Patient Number
2	TREATMENT	Num	8	Randomized treatment
3	CONSDT_D	Num	8	Date informed consent signed
4	BIORPSTY	Num	8	Patient consented to biorepository substudy
5	BIORPC_D	Num	8	Date of biorepository consent
6	GENETICS	Num	8	Patient consented to genetics substudy
7	GENCON_D	Num	8	Date of genetics consent
8	ELIGIBLE	Num	8	Subject met all eligibility criteria
9	SEX	Num	8	Patient gender
10	ETHNIC	Num	8	Patient ethnicity
11	AGE	Num	8	Patient age (years)
12	RACE	Num	8	Patient race using NIH criteria
13	VLVEF	Num	8	LVEF value
14	HFETIOLOGY	Num	8	Heart failure etiology
15	HFAGE	Num	8	Time from heart failure diagnosis (years)
16	HEIGHTIN_BL	Num	8	Height (inches)

**Data Set Name: a\_endpts.sas7bdat**

Num	Variable	Type	Len	Label
1	PATNUMB	Char	9	Patient number
2	LVADHTP_D	Num	8	Minimum date of heart transplant or left ventricular assist device
3	LVADHTP30	Num	8	Any LVAD or HTP prior to the Day 30 visit
4	LVADHTP90	Num	8	Any LVAD or HTP prior to the Day 90 visit
5	LVADHTP180	Num	8	Any LVAD or HTP prior to the Day 180 visit
6	LVADHTP210	Num	8	Any LVAD or HTP prior to the Day 210 visit
7	GLOB_PRIM_TIER	Num	8	Global rank endpoint tier for primary endpoint
8	GLOB_PRIM_RANK	Num	8	Global rank endpoint rank ordering (Death, HF hospitalization, NT pro BNP AUC using LOESS) for primary endpoint
9	LVEDVI_BLD180	Num	8	Day 180 change from baseline LV end diastolic volume index [Excludes data post LVAD or HTP]
10	LVESVI_BLD180	Num	8	Day 180 change from baseline LV end systolic volume index [Excludes data post LVAD or HTP]
11	EFCOMP_BLD180	Num	8	Day 180 change from baseline left ventricular ejection fraction [Excludes data post LVAD or HTP]
12	FILLSEP_BLD180	Num	8	Day 180 change from baseline filling pressure septal (medial) 'E/e' [Excludes data post LVAD or HTP]
13	FILLPLAT_BLD180	Num	8	Day 180 change from baseline filling pressure lateral 'E/e' [Excludes data post LVAD or HTP]
14	WALKDIST_BLD30	Num	8	Day 30 change from Baseline walk distance (m) [Excludes data post LVAD or HTP]
15	WALKDIST_BLD90	Num	8	Day 90 change from Baseline walk distance (m) [Excludes data post LVAD or HTP]
16	WALKDIST_BLD180	Num	8	Day 180 change from Baseline walk distance (m) [Excludes data post LVAD or HTP]
17	OVSUMM_BLD30	Num	8	Day 30 change from Baseline Overall Summary score [Excludes data post LVAD or HTP]
18	CLSUMM_BLD30	Num	8	Day 30 change from Baseline Clinical Summary score [Excludes data post LVAD or HTP]
19	OVSUMM_BLD90	Num	8	Day 90 change from Baseline Overall Summary score [Excludes data post LVAD or HTP]
20	CLSUMM_BLD90	Num	8	Day 90 change from Baseline Clinical Summary score [Excludes data post LVAD or HTP]
21	OVSUMM_BLD180	Num	8	Day 180 change from Baseline Overall Summary score [Excludes data post LVAD or HTP]
22	CLSUMM_BLD180	Num	8	Day 180 change from Baseline Clinical Summary score [Excludes data post LVAD or HTP]
23	PTDIED180	Num	8	Indicator for patient death any time through the Day 180 assessment [Excludes data post LVAD or HTP]
24	TIME2DTH180	Num	8	Time to death (days) through Day 180 assessment [Excludes data post LVAD or HTP]
25	ANYHFHOSP_BA	Num	8	Indicator for any HF hospitalization [Excludes data post LVAD or HTP]
26	TIME2HFHOSP_BA	Num	8	Time to first HF hospitalization (days) [Excludes data post LVAD or HTP]
27	ANYDTHHFHOSP_BA	Num	8	Indicator for death or HF hospitalization [Excludes data post LVAD or HTP]
28	TIME2DTHHFHOSP_BA	Num	8	Time to first of death or HF hospitalization (days) [Excludes data post LVAD or HTP]

Num	Variable	Type	Len	Label
29	NTPRO_TIME_AVG_PRIM	Num	8	NT pro BNP time average proportional change for primary endpoint using LOESS smoother for Day 180
30	ANYER	Num	8	Indicator for any ER visit documented [Excludes data post LVAD or HTP]
31	TIME2ER	Num	8	Time to first ER visit documented (days) [Excludes data post LVAD or HTP]
32	GLOB_SEC_TIER	Num	8	Global rank endpoint tier for secondary endpoint
33	GLOB_SEC_TIER1	Num	8	Global rank endpoint tier for secondary endpoint separating HF hosp and ED visit
34	GLOB_SEC_RANK	Num	8	Global rank endpoint rank ordering (death, HF hospitalization or all cause ED visit, NT pro BNP AUC using LOESS) for secondary endpoint
35	GLOB_SEC_RANK1	Num	8	Global rank endpoint rank ordering (death, HF hospitalization, all cause ED visit, NT pro BNP AUC using LOESS) for secondary endpoint â€“ 4 levels
36	CL_CYSTC_BLD30	Num	8	Day 30 change from baseline core lab cystatin C [Excludes data post LVAD or HTP]
37	CL_CYSTC_BLD90	Num	8	Day 90 change from baseline core lab cystatin C [Excludes data post LVAD or HTP]
38	CL_CYSTC_BLD180	Num	8	Day 180 change from baseline core lab cystatin C [Excludes data post LVAD or HTP]
39	HBA1C_BLD180	Num	8	Day 180 change from Baseline HbA1c (%) [Excludes data post LVAD or HTP]
40	WTLBS_BLD30	Num	8	Day 30 change from Baseline weight (lbs) [Excludes data post LVAD or HTP]
41	WTLBS_BLD90	Num	8	Day 90 change from Baseline weight (lbs) [Excludes data post LVAD or HTP]
42	WTLBS_BLD180	Num	8	Day 180 change from Baseline weight (lbs) [Excludes data post LVAD or HTP]
43	HOMAIR_BLD180	Num	8	Day 180 change from baseline HOMA-IR [Excludes data post LVAD or HTP]
44	TCHOL_BLD180	Num	8	Day 180 change from Baseline total cholesterol (mg/dL) [Excludes data post LVAD or HTP]
45	LDL_BLD180	Num	8	Day 180 change from Baseline LDL (mg/dL) [Excludes data post LVAD or HTP]
46	HDL_BLD180	Num	8	Day 180 change from Baseline HDL (mg/dL) [Excludes data post LVAD or HTP]
47	TRIGL_BLD180	Num	8	Day 180 change from Baseline triglycerides (mg/dL) [Excludes data post LVAD or HTP]
48	ANYANTDR	Num	8	Any anticipated, disease-related event [Excludes data post LVAD or HTP]
49	ANYARRHY	Num	8	Any anticipated, disease related: Arrhythmias [Excludes data post LVAD or HTP]
50	ANYSCD	Num	8	Any anticipated, disease related: Sudden cardiac death [Excludes data post LVAD or HTP]
51	ANYACS	Num	8	Any anticipated, disease related: Acute coronary syndrome [Excludes data post LVAD or HTP]
52	ANYWHF	Num	8	Any anticipated, disease related: Worsening heart failure [Excludes data post LVAD or HTP]
53	ANYCVA	Num	8	Any anticipated, disease related: Cerebrovascular accident [Excludes data post LVAD or HTP]
54	ANYVENTHR	Num	8	Any anticipated, disease related: Venous thromboembolism [Excludes data post LVAD or HTP]
55	ANYSYNC	Num	8	Any anticipated, disease related: Lightheadedness, presyncope or syncope [Excludes data post LVAD or HTP]
56	ANYWRF	Num	8	Any anticipated, disease related: Worsening renal function [Excludes data post LVAD or HTP]
57	ANYHYPOGL	Num	8	Any severe hypoglycemic events [Excludes data post LVAD or HTP]
58	ANYHYPOGLSAE	Num	8	Any severe hypoglycemic events that meet SAE criteria [Excludes data post LVAD or HTP]

Num	Variable	Type	Len	Label
59	ANYHYPRGL	Num	8	Any hyperglycemic events [Excludes data post LVAD or HTP]
60	ANYEVTINT	Num	8	Any event of interest [Excludes data post LVAD or HTP]
61	ANYSAE180	Num	8	Indicator for any serious adverse event reported through Day 180 assessment [Excludes data post LVAD or HTP]
62	SOD_BLD30	Num	8	Day 30 change from Baseline sodium (mEq/L) [Excludes data post LVAD or HTP]
63	SOD_BLD90	Num	8	Day 90 change from Baseline sodium (mEq/L) [Excludes data post LVAD or HTP]
64	SOD_BLD180	Num	8	Day 180 change from Baseline sodium (mEq/L) [Excludes data post LVAD or HTP]
65	POT_BLD30	Num	8	Day 30 change from Baseline potassium (mEq/L) [Excludes data post LVAD or HTP]
66	POT_BLD90	Num	8	Day 90 change from Baseline potassium (mEq/L) [Excludes data post LVAD or HTP]
67	POT_BLD180	Num	8	Day 180 change from Baseline potassium (mEq/L) [Excludes data post LVAD or HTP]
68	CHLOR_BLD30	Num	8	Day 30 change from Baseline chloride (mEq/L) [Excludes data post LVAD or HTP]
69	CHLOR_BLD90	Num	8	Day 90 change from Baseline chloride (mEq/L) [Excludes data post LVAD or HTP]
70	CHLOR_BLD180	Num	8	Day 180 change from Baseline chloride (mEq/L) [Excludes data post LVAD or HTP]
71	BICARB_BLD30	Num	8	Day 30 change from Baseline bicarbonate / total CO2 (mEq/L) [Excludes data post LVAD or HTP]
72	BICARB_BLD90	Num	8	Day 90 change from Baseline bicarbonate / total CO2 (mEq/L) [Excludes data post LVAD or HTP]
73	BICARB_BLD180	Num	8	Day 180 change from Baseline bicarbonate / total CO2 (mEq/L) [Excludes data post LVAD or HTP]
74	BUN_BLD30	Num	8	Day 30 change from Baseline BUN / Urea (mg/dL) [Excludes data post LVAD or HTP]
75	BUN_BLD90	Num	8	Day 90 change from Baseline BUN / Urea (mg/dL) [Excludes data post LVAD or HTP]
76	BUN_BLD180	Num	8	Day 180 change from Baseline BUN / Urea (mg/dL) [Excludes data post LVAD or HTP]
77	CREAT_BLD30	Num	8	Day 30 change from Baseline creatinine (mg/dL) [Excludes data post LVAD or HTP]
78	CREAT_BLD90	Num	8	Day 90 change from Baseline creatinine (mg/dL) [Excludes data post LVAD or HTP]
79	CREAT_BLD180	Num	8	Day 180 change from Baseline creatinine (mg/dL) [Excludes data post LVAD or HTP]
80	CALC_BLD30	Num	8	Day 30 change from Baseline total calcium (mg/dL) [Excludes data post LVAD or HTP]
81	CALC_BLD90	Num	8	Day 90 change from Baseline total calcium (mg/dL) [Excludes data post LVAD or HTP]
82	CALC_BLD180	Num	8	Day 180 change from Baseline total calcium (mg/dL) [Excludes data post LVAD or HTP]
83	PROT_BLD30	Num	8	Day 30 change from Baseline total protein (g/dL) [Excludes data post LVAD or HTP]
84	PROT_BLD90	Num	8	Day 90 change from Baseline total protein (g/dL) [Excludes data post LVAD or HTP]
85	PROT_BLD180	Num	8	Day 180 change from Baseline total protein (g/dL) [Excludes data post LVAD or HTP]
86	ALB_BLD30	Num	8	Day 30 change from Baseline albumin (g/dL) [Excludes data post LVAD or HTP]
87	ALB_BLD90	Num	8	Day 90 change from Baseline albumin (g/dL) [Excludes data post LVAD or HTP]
88	ALB_BLD180	Num	8	Day 180 change from Baseline albumin (g/dL) [Excludes data post LVAD or HTP]
89	ALT_BLD30	Num	8	Day 30 change from Baseline ALT / SGPT (U/L) [Excludes data post LVAD or HTP]
90	ALT_BLD90	Num	8	Day 90 change from Baseline ALT / SGPT (U/L) [Excludes data post LVAD or HTP]
91	ALT_BLD180	Num	8	Day 180 change from Baseline ALT / SGPT (U/L) [Excludes data post LVAD or HTP]

Num	Variable	Type	Len	Label
92	AST_BLD30	Num	8	Day 30 change from Baseline AST / SGOT (U/L) [Excludes data post LVAD or HTP]
93	AST_BLD90	Num	8	Day 90 change from Baseline AST / SGOT (U/L) [Excludes data post LVAD or HTP]
94	AST_BLD180	Num	8	Day 180 change from Baseline AST / SGOT (U/L) [Excludes data post LVAD or HTP]
95	ALKPH_BLD30	Num	8	Day 30 change from Baseline alkaline phosphatase (U/L) [Excludes data post LVAD or HTP]
96	ALKPH_BLD90	Num	8	Day 90 change from Baseline alkaline phosphatase (U/L) [Excludes data post LVAD or HTP]
97	ALKPH_BLD180	Num	8	Day 180 change from Baseline alkaline phosphatase (U/L) [Excludes data post LVAD or HTP]
98	BILIR_BLD30	Num	8	Day 30 change from Baseline total bilirubin (mg/dL) [Excludes data post LVAD or HTP]
99	BILIR_BLD90	Num	8	Day 90 change from Baseline total bilirubin (mg/dL) [Excludes data post LVAD or HTP]
100	BILIR_BLD180	Num	8	Day 180 change from Baseline total bilirubin (mg/dL) [Excludes data post LVAD or HTP]
101	MAG_BLD30	Num	8	Day 30 change from Baseline magnesium (mg/dL) [Excludes data post LVAD or HTP]
102	MAG_BLD90	Num	8	Day 90 change from Baseline magnesium (mg/dL) [Excludes data post LVAD or HTP]
103	MAG_BLD180	Num	8	Day 180 change from Baseline magnesium (mg/dL) [Excludes data post LVAD or HTP]
104	GLUC_BLD30	Num	8	Day 30 change from Baseline glucose (mg/dL) [Excludes data post LVAD or HTP]
105	GLUC_BLD90	Num	8	Day 90 change from Baseline glucose (mg/dL) [Excludes data post LVAD or HTP]
106	GLUC_BLD180	Num	8	Day 180 change from Baseline glucose (mg/dL) [Excludes data post LVAD or HTP]
107	URIC_BLD30	Num	8	Day 30 change from Baseline uric acid (mg/dL) [Excludes data post LVAD or HTP]
108	URIC_BLD90	Num	8	Day 90 change from Baseline uric acid (mg/dL) [Excludes data post LVAD or HTP]
109	URIC_BLD180	Num	8	Day 180 change from Baseline uric acid (mg/dL) [Excludes data post LVAD or HTP]
110	HGB_BLD30	Num	8	Day 30 change from Baseline hemoglobin (g/dL) [Excludes data post LVAD or HTP]
111	HGB_BLD90	Num	8	Day 90 change from Baseline hemoglobin (g/dL) [Excludes data post LVAD or HTP]
112	HGB_BLD180	Num	8	Day 180 change from Baseline hemoglobin (g/dL) [Excludes data post LVAD or HTP]
113	HCT_BLD30	Num	8	Day 30 change from Baseline hematocrit (%) [Excludes data post LVAD or HTP]
114	HCT_BLD90	Num	8	Day 90 change from Baseline hematocrit (%) [Excludes data post LVAD or HTP]
115	HCT_BLD180	Num	8	Day 180 change from Baseline hematocrit (%) [Excludes data post LVAD or HTP]
116	RBC_BLD30	Num	8	Day 30 change from Baseline red blood cell count (10 <sup>12</sup> /L) [Excludes data post LVAD or HTP]
117	RBC_BLD90	Num	8	Day 90 change from Baseline red blood cell count (10 <sup>12</sup> /L) [Excludes data post LVAD or HTP]
118	RBC_BLD180	Num	8	Day 180 change from Baseline red blood cell count (10 <sup>12</sup> /L) [Excludes data post LVAD or HTP]
119	RDW_BLD30	Num	8	Day 30 change from Baseline red cell distribution width (%) [Excludes data post LVAD or HTP]
120	RDW_BLD90	Num	8	Day 90 change from Baseline red cell distribution width (%) [Excludes data post LVAD or HTP]
121	RDW_BLD180	Num	8	Day 180 change from Baseline red cell distribution width (%) [Excludes data post LVAD or HTP]

Num	Variable	Type	Len	Label
122	WBC_BLD30	Num	8	Day 30 change from Baseline white blood cell count ( $10^9/L$ ) [Excludes data post LVAD or HTP]
123	WBC_BLD90	Num	8	Day 90 change from Baseline white blood cell count ( $10^9/L$ ) [Excludes data post LVAD or HTP]
124	WBC_BLD180	Num	8	Day 180 change from Baseline white blood cell count ( $10^9/L$ ) [Excludes data post LVAD or HTP]
125	PLAT_BLD30	Num	8	Day 30 change from Baseline platelet count ( $10^9/L$ ) [Excludes data post LVAD or HTP]
126	PLAT_BLD90	Num	8	Day 90 change from Baseline platelet count ( $10^9/L$ ) [Excludes data post LVAD or HTP]
127	PLAT_BLD180	Num	8	Day 180 change from Baseline platelet count ( $10^9/L$ ) [Excludes data post LVAD or HTP]
128	FINSUL_BLD180	Num	8	Day 180 change from Baseline fasting insulin ( $\hat{A}\mu IU/mL$ ) [Excludes data post LVAD or HTP]
129	CPEP_BLD180	Num	8	Day 180 change from Baseline C-peptide (ng/mL) [Excludes data post LVAD or HTP]

**Data Set Name: a\_visitsumm.sas7bdat**

Num	Variable	Type	Len	Label
1	PATNUMB	Char	9	Patient Number
2	VISIT	Char	6	Visit name
3	SOD	Num	8	Local Lab Sodium (mEq/L)
4	POT	Num	8	Local Lab Potassium (mEq/L)
5	CHLOR	Num	8	Local Lab Chloride (mEq/L)
6	BICARB	Num	8	Local Lab Bicarbonate / total CO2 (mEq/L)
7	BUN	Num	8	Local Lab BUN / Urea (mg/dL)
8	CREAT	Num	8	Local Lab Creatinine (mg/dL)
9	CALC	Num	8	Local Lab Total calcium (mg/dL)
10	PROT	Num	8	Local Lab Total protein (g/dL)
11	ALB	Num	8	Local Lab Albumin (g/dL)
12	ALT	Num	8	ALT / SGPT (U/L)
13	AST	Num	8	Local Lab Local Lab AST / SGOT (U/L)
14	ALKPH	Num	8	Local Lab Alkaline phosphatase (U/L)
15	BILIR	Num	8	Local Lab Total bilirubin (mg/dL)
16	MAG	Num	8	Local Lab Magnesium (mg/dL)
17	GLUC	Num	8	Local Lab Glucose (mg/dL)
18	GLUCFAST	Num	8	Local Lab Glucose was from a fasting sample
19	URIC	Num	8	Local Lab Uric acid (mg/dL)
20	HBA1C	Num	8	Local Lab HbA1c (%)
21	BNP	Num	8	Local Lab BNP (ng/L)
22	NTPRO	Num	8	Local Lab NT Pro BNP (ng/L)
23	HGB	Num	8	Local Lab Hemoglobin (g/dL)
24	HCT	Num	8	Local Lab Hematocrit (%)
25	RBC	Num	8	Local Lab Red blood cell count (10 <sup>12</sup> /L)
26	RDW	Num	8	Local Lab Red cell distribution width (%)
27	WBC	Num	8	Local Lab White blood cell count (10 <sup>9</sup> /L)
28	PLAT	Num	8	Local Lab Platelet count (10 <sup>9</sup> /L)
29	FAST_CONF	Num	8	Local Lab sample collected was fasting
30	FINSUL	Num	8	Local Lab Fasting insulin (ÅµIU/mL)
31	CPEP	Num	8	Local Lab C-peptide (ng/mL)
32	TCHOL	Num	8	Local Lab Total cholesterol (mg/dL)
33	LDL	Num	8	Local Lab LDL (mg/dL)
34	HDL	Num	8	Local Lab HDL (mg/dL)
35	TRIGL	Num	8	Local Lab Triglycerides (mg/dL)
36	WALKDIST	Num	8	6 Minute walk distance (m)

Num	Variable	Type	Len	Label
37	OVSUMM	Num	8	KCCQ Overall Summary score
38	CLSUMM	Num	8	KCCQ Clinical Summary score
39	CL_NTPRO	Num	8	Core lab NT pro BNP (pg/mL)
40	CL_CYSTC	Num	8	Core lab Cystatin C (mg/L)
41	LVEDVI	Num	8	LV end diastolic volume index
42	LVESVI	Num	8	LV end systolic volume index
43	EFCOMP	Num	8	Echo LVEF
44	FILLSEP	Num	8	Filling pressure septal (medial) $\hat{e}^{\text{E/e}^{\text{A}}}$ (m/sec)
45	FILLPLAT	Num	8	Filling pressure lateral $\hat{e}^{\text{E/e}^{\text{A}}}$ (m/sec)
46	BA_NTPRO	Num	8	Best available NT pro BNP
47	HOMAIR	Num	8	HOMA-IR (homeostatic model assessment for insulin resistance)
48	WTLBS	Num	8	Weight (lbs)



**Data Set Name: adhasmt.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	MISSDOS	Num	8	MISSED DOSES
4	NUMMISS	Num	8	NUMBER DOSES MISSED
5	PATNUMB	Char	6	De-identified patient number

**Data Set Name: assess.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	BIONDRSN	Num	8	BIOLOGICAL SAMPLE ND REASON
4	BIOSAMP	Num	8	BIOLOGICAL SAMPLE COLLECTED
5	EDVIST	Num	8	ED VISIT SINCE LAST VISIT
6	GLOBALDN	Num	8	GLOBAL ASSESSMENT DONE
7	GLOBNDRS	Num	8	GLOBAL NOT DONE REASON
8	KCCQDN	Num	8	KCCQ ASSESSMENT DONE
9	KCCQNDRS	Num	8	KCCQ NOT DONE REASON
10	LABNDRSN	Num	8	LABS NOT DONE REASON
11	LABSDONE	Num	8	LABS PERFORMED
12	NEWSAE	Num	8	SAE SINCE LAST VISIT
13	POSPREG	Num	8	POSITIVE PREGNANCY TEST
14	REHOSP	Num	8	REHOSP SINCE LAST VISIT
15	SIXMWTD	Num	8	SIX MWT DONE
16	SMWNDRS	Num	8	SIX MWT NOT DONE REASON
17	PATNUMB	Char	6	De-identified patient number

**Data Set Name: *bassess.sas7bdat***

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	BLABSDNE	Num	8	BASELINE LABS PERFORMED
4	BLABNDRN	Num	8	BASELINE LABS NOT DONE REASON
5	BBIOSAMP	Num	8	BASELINE SAMPLES COLLECTED
6	BBIONDRN	Num	8	BASELINE SAMPLES ND REASON
7	BSIXMWTD	Num	8	BASELINE SMWT DONE
8	BSMWNDRS	Num	8	BASELINE SMWT NOT DONE REASON
9	BKCCQDN	Num	8	BL KCCQ ASSESSMENT DONE
10	BKCCQNDR	Num	8	BL KCCQ NOT DONE REASON
11	BECHODN	Num	8	BASELINE ECHO ASSESSMENT DONE
12	BECHONDR	Num	8	BASELINE ECHO NOT DONE REASON
13	PATNUMB	Char	6	De-identified patient number

**Data Set Name: death.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	DEATHD_D	Num	8	DEATH DATE SAS DATE
4	DEATHLOC	Num	8	DEATH LOCATION
5	DTHCARD	Num	8	CARDIO DEATH TYPE
6	DTHCAUSE	Num	8	CAUSE OF DEATH
7	DTHCVPR	Num	8	DEATH CV PROCEDURE
8	SDNDTHW	Num	8	SUDDEN DEATH WITNESSED
9	PATNUMB	Char	6	De-identified patient number

**Data Set Name: drgdose.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	DOSCHG	Num	8	DOSE CHANGED
4	PATNUMB	Char	6	De-identified patient number

**Data Set Name: drgdose2.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	ITMSTNDX	Num	8	ITEMSET INDEX
4	SDCHGD_D	Num	8	STUDY DRUG DOSE CHANGE DATE SAS DATE
5	SDRGDOSE	Num	8	NEW STUDY DRUG DOSE
6	CHGREAS	Num	8	STUDY DRUG CHANGE REASON
7	DRGSAE	Num	8	DRUG CHANGE REASON SAE
8	PATNUMB	Char	6	De-identified patient number

**Data Set Name: ecg.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	ECG	Num	8	ECG DONE
4	ECGDT_D	Num	8	ECG DATE SAS DATE
5	ECGRATE	Num	8	ECG HEART RATE
6	ECGHRVAL	Num	8	ECG HEART RATE VALUE
7	ECGRHYTH	Num	8	ECG RHYTHM
8	PACERHYT	Num	8	PACED RHYTHM
9	ECGQRS	Num	8	QRS DURATION
10	ECGQRSTY	Num	8	QRS RHYTHM TYPE
11	ECGQRSVL	Num	8	QRS DURATION VALUE
12	PATNUMB	Char	6	De-identified patient number

**Data Set Name: echo.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	ECHO	Num	8	ECHO PERFORMED
4	ECHODT_D	Num	8	DATE ECHO PERFORMED SAS DATE
5	ECSMTD_D	Num	8	ECHO SUBMISSION DATE SAS DATE
6	ECHOHR	Num	8	HEART RATE DONE
7	ECHOHRVL	Num	8	HEART RATE VALUE
8	ECHOBP	Num	8	ECHO BLOOD PRESSURE
9	ECHOSYS	Num	8	ECHO SYS BLOOD PRESSURE
10	ECHODIA	Num	8	ECHO DIA BLOOD PRESSURE
11	ECHORHY	Num	8	ECHO RHYTHM
12	ECNDRSN	Num	8	ECHO NOT DONE REASON
13	PATNUMB	Char	6	De-identified patient number



**Data Set Name: echolab1.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	CECHOD_D	Num	8	ECHO DATE SAS DATE
4	ARSEVGRD	Num	8	AR SEVERITY GRADE
5	AVELOC	Num	8	MV INFLOW A VELOCITY
6	AVELOC_D	Num	8	MV INFLOW A VELOCITY DONE
7	DECELTM	Num	8	MV INFLOW DECEL TIME
8	DECELTM_D	Num	8	MV INFLOW DECEL TIME DONE
9	DOPPQUAL	Num	8	QUALITY OF DOPP DIA FUNCTION
10	DYSFWRD	Num	8	PUL VEIN DIASTOLIC FORWARD
11	DYSFWRD_D	Num	8	PUL VEIN DIASTOLIC FORWD DONE
12	EFPLAX	Num	8	EF BY 2D PLAX
13	EFPLAX_D	Num	8	EF BY 2D PLAX DONE
14	EVELOC	Num	8	MV INFLOW E VELOCITY
15	EVELOC_D	Num	8	MV INFLOW E VELOCITY DONE
16	IVSD	Num	8	IVS SYS DIMENSION
17	IVSD_D	Num	8	IVS SYS DIMENSION DONE
18	LVDD	Num	8	LV DIASTOLIC DIMENSION
19	LVDD_D	Num	8	LV DIASTOLIC DIMENSION DONE
20	LVET	Num	8	LVET
21	LVET_D	Num	8	LVET DONE
22	LVOT	Num	8	LVOT DIAMETER
23	LVOT_D	Num	8	LVOT DIAMETER DONE
24	LVOVELC	Num	8	LVOT VELOCITY
25	LVOVELC_D	Num	8	LVOT VELOCITY DONE
26	LVQUAL	Num	8	QUALITY OF LV VOLUMES
27	LVSD	Num	8	LV SYSTOLIC DIMENSION
28	LVSD_D	Num	8	LV SYSTOLIC DIMENSION DONE
29	MEANGRD	Num	8	DIASTOLIC FLOW MEAN GRADIENT
30	MEANGRD_D	Num	8	DIASTOLIC FLOW MEAN GRAD DONE
31	MRPLAX	Num	8	MR VENA CONTRACTA PLAX
32	MRPLAX_D	Num	8	MR VENA CONTRACTA PLAX DONE
33	MRQUAL	Num	8	QUALITY OF MR ASSESSMENT
34	PEAKVELC	Num	8	PEAK TR VELOCITY
35	PKTRVELD	Num	8	PEAK TR VELOCITY DONE
36	PRESHLF	Num	8	DIA FLOW PRESSURE HALFTIME

Num	Variable	Type	Len	Label
37	PRESHLFD	Num	8	DIA FLOW PRESS HALFTIME DONE
38	PWSD	Num	8	PW SYSTOLIC DIMENSION
39	PWSDD	Num	8	PW SYSTOLIC DIMENSION DONE
40	RAPRESS	Num	8	RA PRESSURE
41	RAPRESSD	Num	8	RA PRESSURE DONE
42	SYSFWRD	Num	8	PUL VEIN SYSTOLIC FORWARD
43	SYSFWRDD	Num	8	PUL VEIN SYSTOLIC FORWARD DONE
44	TRSEVGRD	Num	8	TR SEVERITY GRADE
45	TVI	Num	8	LVOT TVI
46	TVID	Num	8	LVOT TVI DONE
47	VAVELOC	Num	8	A VELOCITY VIEW QUALITY
48	VDECELTM	Num	8	DECEL TIME VIEW QUALITY
49	VDYSFWRD	Num	8	DIASTOLIC FORWARD VIEW QUALITY
50	VEFPLAX	Num	8	EF VIEW QUALITY
51	VEVELOC	Num	8	E VELOCITY VIEW QUALITY
52	VIVSD	Num	8	IVS SYS DIMENSION VIEW QUALITY
53	VLVDD	Num	8	LV DIA DIMENSION VIEW QUALITY
54	VLVET	Num	8	LVET VIEW QUALITY
55	VLVOT	Num	8	LVOT DIAMETER VIEW QUALITY
56	VLVOVELC	Num	8	LVOT VELOCITY VIEW QUALITY
57	VLVSD	Num	8	LV SYS DIMENSION VIEW QUALITY
58	VMEANGRD	Num	8	MEAN GRADIENT VIEW QUALITY
59	VMRPLAX	Num	8	MR VENA CONTRACTA VIEW QUALITY
60	VPEAKTR	Num	8	PEAK TR VELOCITY VIEW QUALITY
61	VPRESHLF	Num	8	PRESSURE HALFTIME VIEW QUALITY
62	VPWSD	Num	8	PW SYS DIMENSION VIEW QUALITY
63	VSYSFWRD	Num	8	SYSTOLIC FORWARD VIEW QUALITY
64	VTVI	Num	8	TVI VIEW QUALITY
65	PATNUMB	Char	6	De-identified patient number

**Data Set Name: echolab2.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	APLV DIA	Num	8	APICAL LV LAX LENGTH DIASTOLE
4	APLV DIAD	Num	8	APICAL LV LAX LGTH DIAST DONE
5	APLV SYS	Num	8	APICAL LV LAX LENGTH SYSTOLE
6	APLV SYSD	Num	8	APICAL LV LAX LGTH SYSTOL DONE
7	BPSIMPED	Num	8	BP SIMP 4 2CH EF DONE
8	BPSIMPEF	Num	8	BP SIMP 4 2CH EF
9	DTILATE	Num	8	DTI LATERAL ANNULUS E
10	DTILATED	Num	8	DTI LATERAL ANNULUS E DONE
11	DTILATS	Num	8	DTI LATERAL ANNULUS S
12	DTILATSD	Num	8	DTI LATERAL ANNULUS S DONE
13	DTIMEDE	Num	8	DTI MEDIAL ANNULUS E
14	DTIMEDED	Num	8	DTI MEDIAL ANNULUS E DONE
15	DTIMEDS	Num	8	DTI MEDIAL ANNULUS S
16	DTIMEDSD	Num	8	DTI MEDIAL ANNULUS S DONE
17	DTITRIE	Num	8	DTI TRICUSP LATERAL ANNULUS E
18	DTITRIED	Num	8	DTI TRICUSP LAT ANNULUS E DONE
19	DTITRIS	Num	8	DTI TRICUSP LATERAL ANNULUS S
20	DTITRISD	Num	8	DTI TRICUSP LAT ANNULUS S DONE
21	EFSINGD	Num	8	EF BY SINGLE PLANE VOL DONE
22	EFSINGLE	Num	8	EF BY SINGLE PLANE VOL
23	EROMRSEV	Num	8	ERO MR SEVERITY GRADE
24	HEPVEN	Num	8	HEPATIC VEIN FLOW RESIDUALS
25	LAAREA	Num	8	LA AREA
26	LAAREAD	Num	8	LA AREA DONE
27	LACAREA	Num	8	LA 4C AREA
28	LACAREAD	Num	8	LA 4C AREA DONE
29	LACHARD	Num	8	LA 2CH AREA DONE
30	LACHAREA	Num	8	LA 2CH AREA
31	LACLEN	Num	8	LA 4C LENGTH
32	LACLEND	Num	8	LA 4C LENGTH DONE
33	LALEN	Num	8	LA 2C LENGTH
34	LALEND	Num	8	LA 2C LENGTH DONE
35	LVECHCH	Num	8	BIPLANE LVES 4CH 2CH VOLUME
36	LVECHCHD	Num	8	BIPLANE LVES 4 2 VOLUME DONE

Num	Variable	Type	Len	Label
37	LVEDCH	Num	8	BIPLANE LVED 4CH 2CH VOLUME
38	LVEDCHD	Num	8	BIPLANE LVED 4 2 VOLUME DONE
39	LVEDVOL	Num	8	SINGLE PLANE LVED 4CH VOLUME
40	LVEDVOLD	Num	8	SINGLE PLANE LVED 4 VOL DONE
41	LVESVOL	Num	8	SINGLE PLANE LVES 4CH VOLUME
42	LVESVOLD	Num	8	SINGLE PLANE LVES 4 VOL DONE
43	MRCONT	Num	8	MR VENA CONTRACTA APICAL
44	MRCONTD	Num	8	MR VENA CONTRACTA APICAL DONE
45	MRJET	Num	8	MR JET
46	MRJETD	Num	8	MR JET DONE
47	MRTVI	Num	8	MR TVI
48	MRTVID	Num	8	MR TVI DONE
49	MULTJETS	Num	8	MULTIPLE JETS
50	MVRTVI	Num	8	MR TVI VIEW QUALITY
51	OVRALGRD	Num	8	OVERALL MR SEVERITY GRADE
52	PEAKVEL	Num	8	PEAK MR VELOCITY
53	PISAERO	Num	8	PISA ERO
54	PISAEROD	Num	8	PISA ERO DONE
55	PISAGR	Num	8	PISA MR GRADE
56	PISARAD	Num	8	PISA RADIUS
57	PISARADD	Num	8	PISA RADIUS DONE
58	PISAVEL	Num	8	PISA ALIAS VEL
59	PISAVELD	Num	8	PISA ALIAS VEL DONE
60	PISAVOL	Num	8	PISA REG VOL
61	PISAVOLD	Num	8	PISA REG VOL DONE
62	PKMRVELD	Num	8	PEAK MR VELOCITY DONE
63	RVFUNC	Num	8	RF FUNCTION
64	VAPLVDIA	Num	8	APICAL DIASTOLE VIEW QUALITY
65	VAPLVSYS	Num	8	APICAL SYSTOLE VIEW QUALITY
66	VDTILATE	Num	8	LATERAL ANNULUS E VIEW QUALITY
67	VDTILATS	Num	8	LATERAL ANNULUS S VIEW QUALITY
68	VDTIMEDE	Num	8	MEDIAL ANNULUS E VIEW QUALITY
69	VDTIMEDS	Num	8	MEDIAL ANNULUS S VIEW QUALITY
70	VDTITRIE	Num	8	TRI LAT ANNULUS E VIEW QUALITY
71	VDTITRIS	Num	8	TRI LAT ANNULUS S VIEW QUALITY
72	VISLEFD	Num	8	VISUAL EF DONE
73	VISUALEF	Num	8	VISUAL EF
74	VLAAREA	Num	8	LA AREA VIEW QUALITY
75	VLACAREA	Num	8	LA 4C AREA VIEW QUALITY

Num	Variable	Type	Len	Label
76	VLACHARE	Num	8	LA 2CH AREA VIEW QUALITY
77	VLACLEN	Num	8	LA 4C LENGTH VIEW QUALITY
78	VLALEN	Num	8	LA 2C LENGTH VIEW QUALITY
79	VLVEDVL4	Num	8	LVED 4CH VOLUME VIEW QUALITY
80	VLVEDVOL	Num	8	LVED 4CH 2CH VOL VIEW QUALITY
81	VLVESCH	Num	8	LVES 4CH 2CH VOL VIEW QUALITY
82	VLVESVOL	Num	8	LVES 4CH VOLUME VIEW QUALITY
83	VMRCONT	Num	8	MR VENA APICAL VIEW QUALITY
84	VMRJET	Num	8	MR JET VIEW QUALITY
85	VPEAKMR	Num	8	PEAK MR VELOCITY VIEW QUALITY
86	VPISARAD	Num	8	PISA RADIUS VIEW QUALITY
87	VPISAVEL	Num	8	ALIAS VEL VIEW QUALITY
88	VVISUEF	Num	8	VISUAL EF VIEW QUALITY
89	WALLMOTN	Num	8	WALL MOTION
90	PATNUMB	Char	6	De-identified patient number

**Data Set Name: edvisit.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	FORMNDX	Num	8	FORM INDEX
4	DECOMP	Num	8	DECOMPENSATED HF
5	EDIVTX	Num	8	ED IV TREATMENT FOR HF
6	UNSCHD_D	Num	8	ENCOUNTER DATE SAS DATE
7	UNSCREAS	Num	8	UNSCHEDULED VISIT REASON
8	PATNUMB	Char	6	De-identified patient number

**Data Set Name: eos.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	CMPLTD	Num	8	SUBJECT COMPLETED THE STUDY
4	LSTCON_D	Num	8	DATE OF LAST CONTACT SAS DATE
5	PATNUMB	Char	6	De-identified patient number

**Data Set Name: evntint.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	EVNTINT	Num	8	EVENT OF INTEREST
4	HYPERGLY	Num	8	HYPERGLYCEMIA
5	SVRHYP	Num	8	SEVERE HYPOGLYCEMIA
6	PATNUMB	Char	6	De-identified patient number



**Data Set Name: evntint2.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	ITMSTNDX	Num	8	ITEMSET INDEX
4	EVNTDT_D	Num	8	EVENT OF INTEREST DATE SAS DATE
5	EVNTTYPE	Num	8	EVENT OF INTEREST TYPE
6	PATNUMB	Char	6	De-identified patient number

**Data Set Name: evntint4.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	ITMSTNDX	Num	8	ITEMSET INDEX
4	SVRHYP_D	Num	8	SEVERE HYPOGLYCEMIA DATE SAS DATE
5	HYPOSAE	Num	8	SEVERE HYPOGLYCEMIA SAE
6	PATNUMB	Char	6	De-identified patient number

**Data Set Name: evntint6.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	ITMSTNDX	Num	8	ITEMSET INDEX
4	HYPERD_D	Num	8	HYPERGLYCEMIA DATE SAS DATE
5	PATNUMB	Char	6	De-identified patient number

**Data Set Name: exam.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	HRATE	Num	8	HEART RATE DONE
4	HRATEVAL	Num	8	HEART RATE VALUE
5	BPDIA	Num	8	DIASTOLIC BLOOD PRESSURE
6	BPDONE	Num	8	BLOOD PRESSURE
7	BPSYS	Num	8	SYSTOLIC BLOOD PRESSURE
8	SPO2	Num	8	SPO2
9	SPO2VAL	Num	8	SPO2 VALUE
10	JVP	Num	8	JVP
11	RALES	Num	8	RALES
12	S3AUS	Num	8	S3 AUSCULTATION
13	HEPATO	Num	8	HEPATOMEGALY
14	ASCITES	Num	8	ASCITES
15	EDEMA	Num	8	PERIPHERAL EDEMA
16	NYHA	Num	8	NYHA CLASSIFICATION
17	ORTHOP	Num	8	ORTHOPNEA
18	PATNUMB	Char	6	De-identified patient number

**Data Set Name: global.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	VISIT	Char	80	VISIT NAME
2	FORM	Char	80	FORM NAME
3	GLOBALSC	Num	8	GLOBAL ASSESSMENT SCORE
4	PATNUMB	Char	6	De-identified patient number

**Data Set Name: *indxdc.sas7bdat***

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	INDEXDC_D	Num	8	INDEX DISCHARGE DATE SAS DATE
4	EXTDSCHG	Num	8	EXTENDED CARE DISCHGE DISP
5	PATNUMB	Char	6	De-identified patient number

**Data Set Name: isdadmin.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	INISDRG	Num	8	INITIAL STUDY DRUG ADMIN
4	INDRGD_D	Num	8	INITIAL DRUG DATE TIME SAS DATE
5	INDRGD_T	Num	8	INITIAL DRUG DATE TIME SAS TIME
6	INDRGAD	Num	8	INITIAL DRUG DOSE ADMINISTERED
7	INDRGDSE	Num	8	INITIAL DRUG DOSE
8	INDRGRS	Num	8	NO INITIAL DRUG REASON
9	PATNUMB	Char	6	De-identified patient number

**Data Set Name: kccq.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	KCCQ1A	Num	8	How limited by heart failure (shortness of breath or fatigue) in your ability to dress yourself over past 2 weeks?
4	KCCQ1B	Num	8	How limited by heart failure (shortness of breath or fatigue) in your ability to shower/bathe over past 2 weeks?
5	KCCQ1C	Num	8	How limited by heart failure (shortness of breath or fatigue) in your ability to walk one block one level ground over past 2 weeks?
6	KCCQ1D	Num	8	How limited by heart failure (shortness of breath or fatigue) in your ability to do yardwork, housework, or carry groceries over past 2 weeks?
7	KCCQ1E	Num	8	How limited by heart failure (shortness of breath or fatigue) in your ability to climb flight of stairs without stopping over past 2 weeks?
8	KCCQ1F	Num	8	How limited by heart failure (shortness of breath or fatigue) in your ability to hurry/jog over past 2 weeks?
9	KCCQ2	Num	8	Compared to 2 weeks ago, have your symptoms of heart failure (shortness of breath, fatigue, or ankle swelling) changed?
10	KCCQ3	Num	8	Over the past 2 few weeks, how many times did you have swelling in your feet, ankles or legs when you woke up in the morning?
11	KCCQ4	Num	8	Over the past 2 weeks, how much has the swelling in your feet, ankles or legs bothered you?
12	KCCQ5	Num	8	Over the past 2 weeks, on average, how many times has fatigue limited your ability to do what you wanted?
13	KCCQ6	Num	8	Over the past 2 weeks, how much has fatigue bothered you?
14	KCCQ7	Num	8	Over the past 2 weeks, on average, how many times has shortness of breath limited your ability to do what you wanted?
15	KCCQ8	Num	8	Over the past 2 weeks, how much has your shortness of breath bothered you?
16	KCCQ9	Num	8	Over the past 2 weeks, how many times forced to sleep sitting up in a chair or with at least 3 pillows due to shortness of breath?
17	KCCQ10	Num	8	How sure are you that you know what to do or who to call, if your heart failure gets worse?
18	KCCQ11	Num	8	How well do you understand what things you are able to do to keep your heart failure symptoms from getting worse?
19	KCCQ12	Num	8	Over the past 2 weeks, how much has your heart failure limited your enjoyment of life?
20	KCCQ13	Num	8	If you had to spend the rest of your life with your heart failure the way it is right now, how would you feel about this?
21	KCCQ14	Num	8	Over the past 2 weeks, how often have you felt discouraged or down in the dumps because of heart failure?
22	KCCQ15A	Num	8	Has heart failure limited participation over the past 2 weeks: Hobbies, recreational activities?
23	KCCQ15B	Num	8	Has heart failure limited participation over the past 2 weeks: Working or doing household chores?
24	KCCQ15C	Num	8	Has heart failure limited participation over the past 2 weeks: Visiting family or friends out of your home?
25	KCCQ15D	Num	8	Has heart failure limited participation over the past 2 weeks: Intimate relationships with loved ones?
26	PATNUMB	Char	6	De-identified patient number



**Data Set Name: medhist1.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	HOSPVAL	Num	8	TOTAL HOSPITALIZATIONS
4	NUMHFHSP	Num	8	HF HOSPITALIZATIONS
5	NUMCDHSP	Num	8	OTHER CARD HOSPITALIZATION
6	LVASSESS	Num	8	LV ASSESSED
7	METHLV	Num	8	METHOD OF LV FUNCTION
8	LVASSD_D	Num	8	DATE OF LAST LVEF SAS DATE
9	MI	Num	8	PREVIOUS MI
10	MIYR	Num	8	MOST RECENT MI YEAR KNOWN
11	MIYRVAL	Num	8	MOST RECENT MI YEAR
12	LTCATH	Num	8	PREVIOUS LEFT HEART CATH
13	LTCATHYR	Num	8	MOST RECENT CATH KNOWN
14	LCYRVAL	Num	8	MOST RECENT CATH YEAR
15	LM	Num	8	LM STENOSIS
16	LAC	Num	8	LAC STENOSIS
17	LCX	Num	8	LCX STENOSIS
18	RCA	Num	8	RCA STENOSIS
19	GRAFT	Num	8	GRAFT
20	NOVESH	Num	8	NO VESSEL STENOSIS
21	VESUNK	Num	8	VESSELS UNKNOWN
22	PCIHX	Num	8	PREVIOUS PCI
23	PCIVAL	Num	8	MOST RECENT PCI YEAR
24	PCIYR	Num	8	MOST RECENT PCI YEAR KNOWN
25	CABGHX	Num	8	PREVIOUS CABG
26	CABGVAL	Num	8	MOST RECENT CABG YEAR
27	CABGYR	Num	8	MOST RECENT CABG YEAR KNOWN
28	FACTORYN	Num	8	CARDIO CONTRIBUTING FACTORS
29	ALCOHOLC	Num	8	ALCOHOLIC
30	CYTOTOX	Num	8	CYTOTOXIC DRUG THERAPY
31	FAMILIAL	Num	8	FAMILIAL
32	HCM	Num	8	HCM
33	HYPERTN	Num	8	HYPERTENSIVE
34	IDIODIL	Num	8	IDIOPATHIC DILATED
35	IDIORES	Num	8	IDIOPATHIC RESTRICTIVE
36	MYOOTH	Num	8	CARDIOMYOPATHY OTHER

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
37	PERIPRT	Num	8	PERIPARTUM
38	VALVUL	Num	8	VALVULAR
39	PATNUMB	Char	6	De-identified patient number

**Data Set Name: medhist2.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	VALVULAR	Num	8	VALVULAR HEART DISEASE
4	MREGURG	Num	8	MITRAL REGURGITATION
5	MSTENOS	Num	8	MITRAL STENOSIS
6	AREGURG	Num	8	AORTIC REGURGITATION
7	ATSTENOS	Num	8	AORTIC STENOSIS
8	TREGURG	Num	8	TRICUSPID REGURGITATION
9	TSTENOS	Num	8	TRICUSPID STENOSIS
10	PVALSRG	Num	8	PRIOR VALVULAR SURGERY
11	MITSURG	Num	8	MITRAL SURGERY
12	AORSURG	Num	8	AORTIC SURGERY
13	TRISURG	Num	8	TRICUSPID SURGERY
14	PULSURG	Num	8	PULMONIC SURGERY
15	HYPRTESN	Num	8	HYPERTENSION
16	TIA	Num	8	TIA
17	STROKE	Num	8	STROKE
18	ARRHYTHM	Num	8	ARRHYTHMIA
19	ATRIALFB	Num	8	ATRIAL FIBRILLATION
20	ATRIALTY	Num	8	ATRIAL FIBRILLATION TYPE
21	FLUTTER	Num	8	FLUTTER
22	SUSVT	Num	8	SUSTAINED VT
23	VF	Num	8	VF
24	ARREST	Num	8	CARDIAC ARREST
25	ARRHUNKO	Num	8	UNKNOWN/OTHER ARRHYTHMIA
26	PACEICD	Num	8	PACEMAKER OR ICD
27	PACICDTY	Num	8	PACEMAKER OR ICD TYPE
28	PVD	Num	8	PERIPHERAL VASCULAR DISEASE
29	COPD	Num	8	COPD
30	DIABETES	Num	8	DIABETES
31	DIABTYPE	Num	8	DIABETES TYPE
32	GOUT	Num	8	GOUT
33	HEPATIC	Num	8	HEPATIC DISEASE
34	CRINSUF	Num	8	CHRONIC RENAL INSUFFICIENCY
35	MALIG	Num	8	MALIGNANCY
36	ALCOHOL	Num	8	CHRONIC ALCOHOL USE

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
37	DEPRESS	Num	8	DEPRESSION
38	HYPRLIP	Num	8	HYPERLIPIDEMIA
39	OSA	Num	8	OBSTRUCTIVE SLEEP APNEA
40	OSATX	Num	8	OSA TREATMENT
41	SMOKING	Num	8	CIGARETTE SMOKING
42	PATNUMB	Char	6	De-identified patient number

**Data Set Name: med.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	ACE	Num	8	ACE INHIBITOR
4	ACECONT	Num	8	ACE CONTRAINDICATION
5	ARB	Num	8	ARB
6	ARBCONT	Num	8	ARB CONTRAINDICATION
7	BETAB	Num	8	BETA BLOCKER
8	BETACONT	Num	8	BETA BLOCK CONTRAINDICATION
9	ALDOS	Num	8	ALDOSTERONE ANTAGONIST
10	ALDOCONT	Num	8	ALDOSTERONE CONTRAINDICATE
11	HYDR	Num	8	HYDRALAZINE
12	NITR	Num	8	NITRATES
13	CCB	Num	8	CALCIUM CHANNEL BLOCKER
14	ANTIPLT	Num	8	ANTIPLATELETS
15	ANTIPASP	Num	8	ANTIPLATELET ASPIRIN
16	ANTIPOTH	Num	8	ANTIPLATELET OTHER
17	ANTIPTHI	Num	8	ANTIPLATELET THIENOPYRIDINES
18	ANTIPTCI	Num	8	ANTIPLATELET CONTRAINDICATE
19	ANTICAG	Num	8	ANTICOAGULANTS
20	ANTICDTH	Num	8	ANTICOAGULANT DIRECT THROMBIN
21	ANTICFCX	Num	8	ANTICOAGULANT FACTOR XA
22	ANTICOTH	Num	8	ANTICOAGULANT OTHER
23	ANTICWAR	Num	8	ANTICOAGULANT WARFARIN
24	ANTICACI	Num	8	ANTICOAG CONTRAINDICATE
25	DIGX	Num	8	DIGOXIN
26	AMIOD	Num	8	AMIODARONE
27	OARRH	Num	8	OTHER ANTIARRHYTHMIC
28	STATIN	Num	8	STATIN
29	LLIPID	Num	8	LIPID LOWERING AGENT
30	DEPRES	Num	8	ANTIDEPRESSANT
31	IVINOTRP	Num	8	IV INOTROPES
32	METAZ	Num	8	METOLAZONE
33	METZAFRQ	Num	8	METOLAZONE FREQUENCY
34	HCCTZFRQ	Num	8	HCTZ FREQUENCY
35	HCTZ	Num	8	HCTZ
36	FURO	Num	8	FUROSEMIDE

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
37	FURODOSE	Num	8	FUROSEMIDE DOSE
38	TORS	Num	8	TORSEMIDE
39	TORSDOSE	Num	8	TORSEMIDE DOSE
40	BUMDOSE	Num	8	BUMETANIDE DOSE
41	BUME	Num	8	BUMETANIDE
42	GLUCLOW	Num	8	GLUCOSE LOWERING MEDS
43	BIGUANID	Num	8	BIGUANIDES
44	SULFONY	Num	8	SULFONYLUREA
45	PPRAMLIN	Num	8	PRAMLINTIDE
46	THIAZOLI	Num	8	THIAZOLIDINEDIONE
47	NONSULFS	Num	8	NON-SULFONYLUREA SECRETAGOGUES
48	AGLUINHB	Num	8	ALPHA-GLUCOSIDASE INHIBITORS
49	INSULIN	Num	8	INSULIN
50	GLP1ANAL	Num	8	GLP-1 ANALOGUES
51	DPPIVINH	Num	8	DPP-IV INHIBITOR
52	SLGTINHB	Num	8	SGLT-2 INHIBITORS
53	PATNUMB	Char	6	De-identified patient number

**Data Set Name: rehosp.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	FORMNDX	Num	8	FORM INDEX
3	VISIT	Char	80	VISIT NAME
4	ADMITD_D	Num	8	ADMISSION DATE SAS DATE
5	BIOOTH	Num	8	OTHER BIOMARKER EVIDENCE
6	BIOUNK	Num	8	OTHER BIOMARKER UNKNOWN
7	CABG	Num	8	CORONARY ARTER BYPASS GRAFT
8	CECCLASS	Num	8	CEC EVENT CLASSIFICATION
9	CONACS	Num	8	CONTRIBUTING ACS
10	CONARRH	Num	8	CONTRIBUTING ATRIAL ARRHYTH
11	CONCVA	Num	8	CONTRIBUTING CVA
12	CONHF	Num	8	CONTRIBUTING HEART FAILURE
13	CONOTHC	Num	8	CONTRIBUTING OTHER CV
14	CONOTHNC	Num	8	CONTRIBUTING OTHER NON-CV
15	CONSDTH	Num	8	CONTRIBUTING SUDDEN DEATH
16	CONVENTA	Num	8	CONTRIBUTING VENT ARRHYTH
17	ELECTAD	Num	8	UNPLANNED HOSPITALIZATION
18	HFDYSP	Num	8	NEW WORSENING DYSPNEA
19	HFEDEMA	Num	8	NEW WORSENING EDEMA
20	HFEVDNCE	Num	8	OTHER CLINICAL EVIDENCE
21	HFGALLOP	Num	8	NEW WORSENING S3 GALLOP
22	HFHYPO	Num	8	NEW WORSENING HYPOTENSION
23	HFIMGING	Num	8	WORSENERD PULM CONGESTION
24	HFJVD	Num	8	NEW WORSENING JVD
25	HFNOCDYS	Num	8	NEW WORSENING PND
26	HFORTHOP	Num	8	NEW WORSENING ORTHOPNEA
27	HFOTHR	Num	8	OTHER MANIFESTATIONS
28	HFRALES	Num	8	NEW WORSENING PULM RALES
29	HFUNK	Num	8	OTHER MANIFESTATIONS UNK
30	HOSPICD	Num	8	HOSP PACEMAKER OR ICD
31	HOSPRS	Num	8	HOSPITALIZATION REASON
32	INCBNP	Num	8	INCREASED BNP OR NTPROBNP
33	INITHRPY	Num	8	INITIATION OF THERAPY
34	INREHOSP	Num	8	REHOSPITALIZATION DISCHARGE
35	INTVUNK	Num	8	OTHER INTERVENTION UNKNOWN
36	LCATH	Num	8	LEFT HEART CATH

Num	Variable	Type	Len	Label
37	LVAD	Num	8	LVAD
38	LVADDT_D	Num	8	LVAD DATE SAS DATE
39	MANIFEST	Num	8	CLINICAL MANIFESTATIONS
40	MECHSURG	Num	8	MECHAN SURG INTERVENTION
41	ORLTHPY	Num	8	HEART FAILURE THERAPY
42	OTHINTVN	Num	8	OTHER INTERVENTION
43	PACTYPE	Num	8	HOSP PACEMAKER OR ICD TYPE
44	PCI	Num	8	PCI
45	PHARMINT	Num	8	PHARMACOLOGIC INTERVENTION
46	PRHTRD_D	Num	8	HEART TRANSPLANT DATE SAS DATE
47	PROCATH	Num	8	CATHETERIZATION PERFORMED
48	PROHTRAN	Num	8	HEART TRANSPLANT
49	RADIOEV	Num	8	RADIOGRAPHIC EVIDENCE
50	RCATH	Num	8	RIGHT HEART CATH
51	REDCHG_D	Num	8	DISCHARGE DATE SAS DATE
52	RENFAIL	Num	8	CONTRIBUTING RENAL FAILURE
53	REVASC	Num	8	REVASCLARIZATION
54	ADJELECT	Num	8	ELECTIVE HOSPITALIZATION
55	UPTITRTE	Num	8	UP-TITRATION OF IV THERAPY
56	PATNUMB	Char	6	De-identified patient number



**Data Set Name: sae.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	FORMNDX	Num	8	FORM INDEX
4	AESTDT_D	Num	8	ONSET DATE OF AE SAS DATE
5	AESTDT_T	Num	8	ONSET DATE OF AE SAS TIME
6	AESTOP	Num	8	AE STOP OR ONGOING
7	AESPDT_D	Num	8	END DATE OF AE SAS DATE
8	AESPDT_T	Num	8	END DATE OF AE SAS TIME
9	AEOUT	Num	8	AE OUTCOME
10	SEVERITY	Num	8	AE SEVERITY
11	AEACN	Num	8	CHANGES REGARDING STDY DRUG
12	INTDABT	Num	8	INTERRUPTED DIMINISH
13	INTREAP	Num	8	INTERRUPTED REAPPEAR
14	DCTDABT	Num	8	DISCONTINUED DIMINISH
15	DCTPRIM	Num	8	SAE PRIMARY REASON FOR DCTN
16	DECABT	Num	8	DECREASED DIMINISH
17	DECREAP	Num	8	DECREASED REAPPEAR
18	SAEDEATH	Num	8	DEATH
19	SAELIFE	Num	8	LIFE-THREATENING
20	SAENOM	Num	8	CONGENITAL OR BIRTH DEFECT
21	SAEPRO	Num	8	PROLONGATION OF HOSP
22	SAEDIS	Num	8	PERSISITANT DISABILITY
23	SAEIMPNT	Num	8	OTHER MEDICAL EVENT
24	AEREL	Num	8	RELATIONSHIP TO STUDY DRUG
25	ALTCNON	Num	8	NO ALTERNATE CAUSE OF SAE
26	ALTCDIS	Num	8	ALTERNATE CAUSE DISEASE
27	ALTCPRO	Num	8	ALTERNATE CAUSE PROCEDURE
28	ALTCILL	Num	8	ALTERNATE CAUSE ILLNESS
29	ALTCMED	Num	8	ALTERNATE CAUSE MEDICATION
30	ALTCOTH	Num	8	ALTERNATE CAUSE OTHER
31	SAEUNEX	Num	8	UNEXPECTED PER PRODUCT LABEL
32	SAELABYN	Num	8	SAE LABS DRAWN
33	CMINFYN	Num	8	RELEVANT CONMEDS
34	HLGTCOD	Char	8	MEDDRA HIGH LEVEL GROUP TERM CODE
35	HLGTERM	Char	100	MEDDRA HIGH LEVEL GROUP TERM
36	HLTCODE	Char	8	MEDDRA HIGH LEVEL TERM CODE

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
37	HLTERM	Char	100	MEDDRA HIGH LEVEL TERM
38	LLTCODE	Char	8	MEDDRA LOW LEVEL TERM CODE
39	LLTERM	Char	100	MEDDRA LOW LEVEL TERM TEXT
40	PTCODE	Char	8	MEDDRA PREFERRED TERM CODE
41	PTERM	Char	100	MEDDRA PREFERRED TERM
42	SOCCODE	Char	8	MEDDRA SYSTEM ORGAN CLASS CODE
43	SOCTERM	Char	100	MEDDRA SYSTEM ORGAN CLASS
44	PATNUMB	Char	6	De-identified patient number

**Data Set Name: samples.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	BIOMNDRS	Num	8	BIOMARKER NOT DONE REASON
4	BIOMRK	Num	8	BIOMARKERS COLLECTED
5	BIOREP	Num	8	BIOREPOSITORY COLLECTION
6	BIORNDRN	Num	8	BIOREP SAMPLES NOT DONE REASON
7	PATNUMB	Char	6	De-identified patient number

**Data Set Name: samples2.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	ITMSTNDX	Num	8	ITEMSET INDEX
4	BIOMKD_D	Num	8	BIOMARKER COLLECTION DATE SAS DATE
5	BIOMKD_T	Num	8	BIOMARKER COLLECTION DATE SAS TIME
6	BIOMSER	Num	8	BIOMARKER SERUM COLLECTED
7	BIOMSRNM	Num	8	BIOMARKER SERUM VILES
8	BIOMEDNM	Num	8	BIOMARKER EDTA VILES
9	BIOMEDTA	Num	8	BIOMARKER EDTA COLLECTED
10	BIOMST_D	Num	8	DATE BIOMARKERS SENT TO LAB SAS DATE
11	BIOMRC_D	Num	8	DATE BIOMARKERS RECEIVED SAS DATE
12	BIOMFROZ	Num	8	BIOMARKER SAMPLES FROZEN
13	BIOMSNUM	Num	8	BIOMARKER SERUM VILES RECD
14	BIOMSRCD	Num	8	BIOMARKER SERUM RECEIVED
15	BIOMSUSE	Num	8	NUMBER OF BIOMARK SERUM USABLE
16	BIOMENUM	Num	8	BIOMARKER EDTA VILES RECD
17	BIOMERCD	Num	8	BIOMARKER EDTA RECEIVED
18	BIOMEUSE	Num	8	NUMBER OF BIOMARK EDTA USABLE
19	PATNUMB	Char	6	De-identified patient number

**Data Set Name: samples4.sas7bdat**

Num	Variable	Type	Len	Label
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	ITMSTNDX	Num	8	ITEMSET INDEX
4	BIORDNA	Num	8	BIOREP DNA COLLECTED
5	BIORDNUM	Num	8	BIOREP DNA VILES
6	BIORDRCD	Num	8	BIOREP DNA RECEIVED
7	BIORDUSE	Num	8	NUMBER OF BIOREP DNA USABLE
8	BIOREDNM	Num	8	BIOREP EDTA VILES
9	BIOREDTA	Num	8	BIOREP EDTA COLLECTED
10	BIORENUM	Num	8	BIOREP EDTA VILES RECD
11	BIORERCD	Num	8	BIOREP EDTA RECEIVED
12	BIOREUSE	Num	8	NUMBER BIOREP EDTA USABLE
13	BIORFROZ	Num	8	BIOREPOSITORY SAMPLES FROZEN
14	BIORNUM	Num	8	BIOREP DNA VILES RECD
15	BIORPD_D	Num	8	BIOREP COLLECTION DATE SAS DATE
16	BIORPD_T	Num	8	BIOREP COLLECTION DATE SAS TIME
17	BIORRC_D	Num	8	DATE BIOREPOSITORY RECEIVED SAS DATE
18	BIORSER	Num	8	BIOREP SERUM COLLECTED
19	BIORSNUM	Num	8	BIOREP SERUM VILES RECD
20	BIORSRCD	Num	8	BIOREP SERUM RECEIVED
21	BIORSRNM	Num	8	BIOREP SERUM VILES
22	BIORSUSE	Num	8	NUMBER BIOREP SERUM USABLE
23	PATNUMB	Char	6	De-identified patient number

**Data Set Name: sixmwt.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	WALKDT_D	Num	8	SIX-MINUTE WALK DATE SAS DATE
4	WLKDIST	Num	8	DISTANCE WALKED
5	DISTMET	Num	8	DISTANCE METERS
6	WLKCOMP	Num	8	WALK COMPLETED
7	WLKDUR	Num	8	WALK TEST DURATION
8	WLKDURM	Num	8	WALK TEST DURATION MINUTE
9	WLKDURS	Num	8	WALK TEST DURATION SECOND
10	PATNUMB	Char	6	De-identified patient number

**Data Set Name: visit.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Label</b>
1	FORM	Char	80	FORM NAME
2	VISIT	Char	80	VISIT NAME
3	ASSESS_D	Num	8	ASSESSMENT DATE SAS DATE
4	STATUS	Num	8	ASSESSMENT PERFORMED
5	VISNDRES	Num	8	VISIT NOT DONE REASON
6	PATNUMB	Char	6	De-identified patient number