

Field Changes Adult Cardiac Surgery Database Data Specifications - v2.61

The following tables outline the changes to the data specifications for the STS Adult Cardiac Surgery Database v2.52.1 to v2.61.

The changes in the tables below are in three categories:

- 1) Deleted Fields, p. 1
- 2) New Fields, p. 2 - 4
- 3) Changes to Definition and/or Harvest Coding Fields, p. 5 - 7

DELETED Fields:

SeqNo	ShortName	FieldName
90	RecComp	Record Complete?
190	Race	Race
245	Payor	Payor
370	Smoker	RF-Smoker
380	SmokCurr	RF-Smoker-Current
420	Hyprchol	RF-Dyslipidemia
440	RenFail	RF-Renal Fail
550	CVDType	RF-Cerebrovascular Dis Type
650	POCPaceT	Prev Oth Card-Pacemaker-Type
750	MI	MI
780	Angina	Angina
790	AngType	Angina-Type
820	CarShTyp	Cardiogenic Shock Type
850	ArrhyTyp	Arrhythmia Type
1020	MedADPI	Meds-ADP Inhibitors
1220	SurgID	Surgeon ID
1339	SISStartT	Skin Incision Start Time
1340	SISStopT	Skin Incision Stop Time
1390	Cannulat	Cannulation Method
1970	HPVPVR	VAD-Hemodynamics Pre-VAD-PVR
2000	HPVRVMth	VAD-Hemodynamics Pre-VAD-RVEF Method
2010	HPVPVO2M	VAD-Hemodynamics Pre-VAD-PVO2 Measured
2020	HPVPVO2	VAD-Hemodynamics Pre-VAD-PVO2
2090	VCardTx	VAD-Cardiac Transplant
2190	VCardTx2	VAD-Cardiac Transplant #2
2270	VCardTx3	VAD-Cardiac Transplant #3
2480	OCarAFES	Other Card-Atrial Fibrillation Correction Surgery-Energy Source
2670	VentHrsI	Initial Hours Ventilated
2700	VentHrs	Postop Vent Hours - Total
2840	CNStrokT	Comps-Neuro-Stroke Trans

NEW Fields:

SeqNo	ShortName	FieldName
171	HICNumber	Health Insurance Claim Number
191	RaceCaucasian	Race - White
192	RaceBlack	Race - Black / African American
193	RaceAsian	Race - Asian
194	RaceNativeAm	Race - American Indian / Alaskan Native
195	RacNativePacific	Race - Native Hawaiian / Pacific Islander
196	RaceOther	Race - Other
199	Ethnicity	Hispanic or Latino Ethnicity
241	HospNPI	Hospital National Provider Identifier
247	PayorGov	Payor - Government Health Insurance
248	PayorGovMcare	Payor - Government Health Insurance - Medicare
249	PayorGovMcaid	Payor - Government Health Insurance - Medicaid
250	PayorGovMil	Payor - Government Health Insurance - Military Health Care
251	PayorGovState	Payor - Government Health Insurance - State-Specific Plan
252	PayorGovIHS	Payor - Government Health Insurance - Indian Health Service
254	PayorCom	Payor - Commercial Health Insurance
255	PayorHMO	Payor - Health Maintenance Organization
256	PayorNonUS	Payor - Non-U.S. Insurance
257	PayorNS	Payor - None / Self
385	CigSmoker	Current Or Recent Cigarette Smoker
391	Hct	RF-Last Hematocrit
392	WBC	RF-Last WBC Count
412	A1cLvl	RF-Last A1c Level
421	Dyslip	Dyslipidemia
551	CVDComa	RF-Coma
554	CVDRIND	RF-CVD RIND
555	CVDTIA	RF-CVD TIA
556	CVDNInvas	RF-CVD NonInvas >75%
557	CVDPCarSurg	RF-CVD Prior Carotid Surgery
621	PrOthCongen	Prev Oth Congenital
661	POCPCISSt	Prev Oth Card-PCI-Stent
663	POCPCISStTy	Prev Oth Card-PCI-Stent Type
671	POCO	Prev Oth Card-Other
751	PrevMI	Previous MI
791	CardPres	Cardiac Presentation on Admission
851	ArrhyVtach	Arrhythmia Type-Vtach/Vfib
852	ArrhyTHB	Arrhythmia Type-3rdHB
853	ArrhyAfib	Arrhythmia Type-Afib/Aflutter
1021	MedADP5Days	Meds-ADP Inhibitors Within Five Days

NEW Fields continued:

1022	MedADPIDis	Meds-ADP Inhibitors Discontinuation
1023	MedAplt5Days	Meds - Antiplatelets Within 5 Days
1221	SurgNPI	Surgeon's National Provider Identifier
1222	TIN	Taxpayer Identification Number
1321	CPT1Code1	CPT-1 Code # 1
1322	CPT1Code2	CPT-1 Code # 2
1323	CPT1Code3	CPT-1 Code # 3
1324	CPT1Code4	CPT-1 Code # 4
1325	CPT1Code5	CPT-1 Code # 5
1326	CPT1Code6	CPT-1 Code # 6
1327	CPT1Code7	CPT-1 Code # 7
1328	CPT1Code8	CPT-1 Code # 8
1329	CPT1Code9	CPT-1 Code # 9
1330	CPT1Code10	CPT-1 Code # 10
1335	OREntryDT	OR Entry Date And Time
1336	ORExitDT	OR Exit Date And Time
1337	IntubateDT	Initial Intubation Date And Time
1338	ExtubateDT	Initial Extubation Date And Time
1341	SISStartDT	Skin Incision Start Date And Time
1342	SISStopDT	Skin Incision Stop Date And Time
1345	AbxSelect	Antibiotic Selection
1346	AbxTiming	Antibiotic Timing
1347	AbxDisc	Antibiotics Discontinued
1381	CircArr	Circulatory Arrest
1382	DHCATm	Circulatory Arrest Time
1391	CanAortFem	Cannulation Method - Aorta and Femoral/Jugular Vein
1392	CanFemFem	Cannulation Method - Femoral Artery and Femoral/Jugular Vein
1393	CanAortAtr	Cannulation Method - Aorta and Atrial/Caval
1394	CanFemAtr	Cannulation Method - Femoral Artery and Atrial/Caval
1395	CanOther	Cannulation Method - Other
1422	PreRSO2Lft	Pre-Induction Baseline Regional Oxygen Saturation - Left
1423	PreRSO2Rt	Pre-Induction Baseline Regional Oxygen Saturation - Right
1424	CumulSatLft	Cumulative Saturation Below Threshold - Left
1425	CumulSatRt	Cumulative Saturation Below Threshold - Right
1426	COFirstInd	Cerebral Oximeter Provided The First Indication
1427	SCRSO2Lft	Skin Closure Regional Oxygen Saturation - Left
1428	SCRSO2Rt	Skin Closure Regional Oxygen Saturation - Right
1461	IBldProdRef	Intraop Blood Products Refused
1509	IMedAprot	Intraop Medications - Aprotinin
1510	IMedAprotD	Intraop Medications - Aprotinin - Dose

NEW Fields continued:

1511	IMedEACA	Intraop Medications - Epsilon Amino-Caproic Acid
1512	IMedDesmo	Intraop Medications - Desmopressin
1513	IMedTran	Intraop Medications - Tranexamic Acid
1531	DistVeinHTech	Dist Anast - Vein Harvest Technique
1532	SaphHrvstT	Saphenous Vein Harvest Time
1601	RadHTech	Radial Dist Anast Harvest Technique
1602	RadHrvstT	Radial Artery Harvest Time
1641	MitralIntent	VS-Mitral Repair Attempt
1881	ValveVrsn	Valve Implant List Version Number
1921	PrevVADF	Previous VAD Facility
1922	VADListVrsn	VAD Product Type List Version Number
2129	VImp2	VAD-Implant #2
2131	LVADInf2	VAD- #2 VAD Cannulation/Attach Site - LVAD Inflow
2132	RVADInf2	VAD- #2 VAD Cannulation/Attach Site - RVAD Inflow
2209	VImp3	VAD-Implant #3
2211	LVADInf3	VAD- #3 VAD Cannulation/Attach Site - LVAD Inflow
2212	RVADInf3	VAD- #3 VAD Cannulation/Attach Site - RVAD Inflow
2341	PVCmpBO	VAD-Primary VAD Comp-Bowel Obstruction
2605	PostCreat	Postoperative Creatinine Level
2801	CIArm	Comps-Infect-Arm
2841	CNStrokTTIA	Comps-Neuro-Stroke Trans - TIA
2842	CNStrokTRIND	Comps-Neuro-Stroke Trans - RIND
2851	CNParal	Comps-Neuro-Paralysis
2852	CNParalTy	Comps-Neuro-Paralysis Type
3249	PredCoefVrsn	Risk Model Coefficients Version Number
3400	STSCustNum1	STS Custom Numeric Field 1
3410	STSCustNum2	STS Custom Numeric Field 2
3420	STSCustNum3	STS Custom Numeric Field 3
3430	STSCustNum4	STS Custom Numeric Field 4
3440	STSCustNum5	STS Custom Numeric Field 5
3450	STSCustTxt1	STS Custom Text Field 1
3460	STSCustTxt2	STS Custom Text Field 2
3470	STSCustTxt3	STS Custom Text Field 3
3480	STSCustTxt4	STS Custom Text Field 4
3490	STSCustTxt5	STS Custom Text Field 5

CHANGES to DEFINITION AND/OR HARVEST CODING Fields:

SeqNo	ShortName	FieldName
70	STSTLink	STS Trial Link Number
100	PatLName	Patient Last Name
110	PatFName	Patient First Name
120	PatMInit	Patient M.I.
130	DOB	Date of Birth
140	Age	Patient Age
150	Gender	Sex
160	SSN	Social Security #
170	MedRecN	Medical Record Number
180	PatZIP	Patient ZIP Code
220	HospName	Hospital Name
230	HospZIP	Hospital ZIP Code
300	ICUVisit	ICU Visit
310	ICUInHrs	Initial ICU hours
320	ICUReadm	Readmission to ICU
330	ICUAdHrs	Additional ICU Hours
350	WeightKg	Weight (kg)
390	FHCAD	RF-Family History CAD
410	DiabCtrl	RF-Diabetes-Control
460	Hypertn	RF-Hypertension
490	InfEndo	RF-Infect Endocard
520	ImmSupp	RF-Immunosuppressive Rx
530	PVD	RF - Peripheral Arterial Disease
540	CVD	RF-Cerebrovascular Dis
552	CVA	RF-CVA
570	PrCVInt	Prev CV Intervent
610	PrValve	Prev Valve
620	PrOthCar	Prev Oth Card
630	PrOCAICD	Prev Oth Card-AICD
640	PrOCPace	Prev Oth Card-Pacemaker
770	CHF	Heart Failure
775	ClassNYH	Classification-NYHA
810	CarShock	STS Cardiogenic Shock
840	Arrhyth	Arrhythmia
890	MedBeta	Meds-Beta Blockers
900	MedACEI	Meds-ACE or ARB Inhibitors
910	MedNitIV	Meds-Nitrates-I.V.
930	MedACoag	Meds-Anticoagulants
940	MedACMN	Meds-Anticoagulants-Medication Name

CHANGES to DEFINITION AND/OR HARVEST CODING Fields continued:

950	MedCoum	Meds-Coumadin
970	MedInotr	Meds-Inotropes
980	MedSter	Meds-Steroids
990	MedASA	Meds-Aspirin
1000	MedLipid	Meds-Lipid Lowering
1010	MedLipMN	Meds-Lipid Lowering-Medication Name
1030	MedGP	Meds-Glycoprotein IIb/IIIa Inhibitor
1050	NumDisV	Num Dis Vessels
1060	LMainDis	Left Main Dis >= 50%
1080	HDEF	Hemo Data-EF
1090	HDEFMeth	Hemo Data-EF Method
1120	VDStenA	VD-Stenosis-Aortic
1130	VDGradA	VD-Gradient-Aortic
1140	VDStenM	VD-Stenosis-Mitral
1150	VDStenT	VD-Stenosis-Tricuspid
1160	VDStenP	VD-Stenosis-Pulmonic
1170	VDInsufA	VD-Insuff-Aortic
1180	VDInsufM	VD-Insuff-Mitral
1190	VDInsufT	VD-Insuff-Tricuspid
1200	VDInsufP	VD-Insuff-Pulmonic
1210	Surgeon	Surgeon
1240	Status	Status
1250	UrgntRsn	Urgent Reason
1260	EmergRsn	Emergent Reason
1300	VAD	VAD
1350	CPBUtil	CPB Utilization
1360	CPBCmb	CPB Utilization - Combination Plan
1400	AortOccl	Aortic Occlusion
1440	IABPWhen	IABP-When Inserted
1470	IBdRBCU	Intraop Blood Products - RBC Units
1490	IBdCryoU	Intraop Blood Products - Cryo Units
1500	IBdPlatU	Intraop Blood Products - Platelet Units
1690	VSAoIm	VS-Aortic Proc-Imp
1750	VSMilm	VS-Mitral Proc-Imp
1810	VSTrlm	VS-Tricuspid Proc-Imp
1870	VSPulm	VS-Pulmonic Proc-Imp
1930	VADInd	VAD-Indication for Initial VAD
2030	VImpTy	VAD-Implant Type
2080	VExpRsn	VAD-Explant Reason
2130	VImpTy2	VAD-Implant Type #2
2180	VExpRsn2	VAD-Explant Reason #2

CHANGES to DEFINITION AND/OR HARVEST CODING Fields continued:

2210	VImpTy3	VAD-Implant Type #3
2260	VExpRsn3	VAD-Explant Reason #3
2350	VADDiscS	VAD-Discharge Status
2560	OCarOthr	Other Card-Other
2590	ONCOThor	Other Non Card-Other Thor
2620	BdRBCU	Blood Prod - RBC Units
2640	BdCryoU	Blood Prod - Cryo Units
2650	BdPlatU	Blood Prod - Platelet Units
2660	ExtubOR	Extubated In OR
2690	VentHrsA	Additional Hours Ventilated
2710	Complics	Comps-Complications
2720	COpReBld	Comps-Op-ReOp Bleed/Tamponade
2730	COpReVlv	Comps-Op-ReOp Vlv Dys
2740	COpReGft	Comps-Op-ReOp Gft Occl
2750	COpReOth	Comps-Op-ReOp Other Card
2760	COpReNon	Comps-Op-ReOp Other Non Card
2780	CIStDeep	Comps-Infect-Stern Deep
2830	CNStrokP	Comps-Neuro-Stroke Perm
2860	CPVntLng	Comps-Pulm-Vent Prolonged
2880	CPPneum	Comps-Pulm-Pneumonia
2900	CRenDial	Comps-Renal-Dialysis Req
2970	COtGI	Comps-Other-GI Event
3010	COtOther	Comps-Other-Other
3020	Mortality	Mort-Mortality
3060	MtDate	Mort-Date
3070	MtLocatn	Mort-Location
3090	DCADP	ADP Inhibitors - Discharge
3100	DCAArhy	Antiarrhythmics - Discharge
3120	DCASA	Aspirin - Discharge
3130	DCACE	Ace-Inhibitors - Discharge
3140	DCBeta	Beta Blockers - Discharge
3150	DCLipid	Lipid Lowering - Discharge
3160	DCLipMT	Lipid Lowering - Discharge - Medication Type
3180	DCCoum	Coumadin - Discharge
3190	DisLoctn	Discharge Location
3200	CardRef	Cardiac Rehabilitation Referral
3220	Readm30	Readmit <=30 Days from DOP