

# Appendix D: Data File Descriptions

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## **Core CD-1**

Patient Profile *PATIENTS*  
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Payer History *PAYHIST*  
Census Population (1) *CPST3R*  
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## **Core CD-2**

Medical Evidence Form *MEDEVID95*  
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Transplant Wait List (Kidney) *WAITLIST\_KI*  
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Transplant Wait List Sequence (Kidney) *WAITSEQ\_KI*  
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## **Core CD-3**

Detailed Treatment History *RXHIST*  
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Case Mix Adequacy Spec. Study Facility *ADQFACS*  
CAPD Peritonitis Special Study *CAPD*  
Case Mix Severity Special Study *CASEMIXS*  
Claim Codes *CLMCODES*  
Case Mix Severity Special Study Facility *CMSFACS*  
Dialyzer *DIALYZER*  
DMMS Wave 1 Special Study *DMMSWAV1*  
DMMS Wave 2 Special Study *DMMSWAV2*  
DMMS Wave 3 & 4 Special Study *DMMSWV34*  
Dialysis Facility *DMMSFACS1*  
Dialysis Facility *DMMSFACS2*

Dialysis Facility *DMMSFACS34*  
Facility Cost Reports for Hospital Facility *FCOSHOS*  
Facility Cost Reports for Independ. Facility *FCOSIND*  
Pediatric Growth *PEDGROW*  
Updated DMMS Wave 2 Data *WAV2UPDT*

### **Core CD-4**

Medical Evidence Form *MEDEVID*

### **Transplant CD-1**

Kidney Transplant-UNOS (Kidney) *TXUNOS\_KI\_PRE\_JUL04*

### **Transplant CD-2**

Kidney Transplant-UNOS (Kidney) *TXUNOS\_KI\_POST\_JUL04*

Kidney Tx -UNOS (Kidney Pancreas) *TXUNOS\_KP*

### **Transplant CD-3**

Immunosuppression at Follow-up-UNOS *TXIFUNOS*

Immunosuppression at Registration-UNOS *TXIRUNOS*

Kidney Transplant Follow-ups-CMS *TXFUHCFA*

Kidney Transplant-CMS *TXHCFA*

### **Transplant CD-4**

Kidney Tx Follow-ups-UNOS (Kidney) *TXFUUNOS\_KI*

Kidney Tx Follow-ups-UNOS (Kidney Pancreas) *TXFUUNOS\_KP*

### **Hospital CD-1**

Hospitalization 1 *HOSP1*

### **Hospital CD-2**

Hospitalization 2 *HOSP2*

### **Hospital CD-3**

Hospitalization 3 *HOSP3*

### **DMMS Claims CD-1**

Hospitalization *HOSP*

Institutional Claims *INCLAIM*

### **DMMS Claims CD-2**

Institutional Claims Details *INDETAIL*

### **DMMS Claims CD-3**

Physician/Supplier Claims *PSCLAIM1*

### **DMMS Claims CD-4**

Physician/Supplier Claims *PSCLAIM2*

### **Case Mix Adequacy CD**

Hospitalization *HOSP*

Institutional Claims *INCLAIM*

Institutional Detail *INDETAIL1*

Institutional Detail *INDETAIL2*

Physician/Supplier Claims *PSCLAIM*

## **Comprehensive Dialysis Study CDS**

Patient file CDS\_SAF\_PATIENT

Lab file CDS\_SAF\_LAB

Food Baseline file CDS\_SAF\_FOOD\_BASELINE

QOL Baseline file CDS\_SAF\_QOL\_BASELINE

## **Institutional Detail Claims CD\***

Institutional Claims

Institutional Claims Details

## **Physician/Supplier Claims CD\***

Physician/Supplier

## **Medicare 5% Sample CKD-Based Cohort CD**

Medicare 5% Sample CKD Patient Master File *CKD\_PATIENTS\_MASTER\_FILE*

Medicare 5% Sample CKD Payer Sequence File *CKD\_PAYER\_SEQ\_FILE*

Medicare 5% Sample CKD Patient Co-morbid File *CKD\_CO\_MORBID\_YY*

## **Medicare 5% Sample CKD Patient Institutional Detail Claims CD\***

Medicare 5% Sample CKD Patient Institutional Claims

Medicare 5% Sample CKD Patient Institutional Claims Details

## **Medicare 5% Sample CKD Patient Physician/Supplier Detail Claims CD\***

Medicare 5% Sample CKD Patient Physician/Supplier Claims Details

## **Medicare 5% Sample CKD Patient Hospital Stay Summary CD**

Medicare 5% Sample CKD Patient Hospital Stay Summary File *CKD\_92\_to\_YR\_hosp\_clm*

## **Medicare Prescription Drug - Part D**

Medicare Prescription Drug *PDENROLYr*

Medicare Prescription Drug *PDEYrA*

*\*Institutional and Physician/Supplier CD claims files are based on the same file structures year to year. Only file descriptions for the most recent year are shown.*

## CORE CD-1

### PATIENTS: Patient Profile

Contains one record per patient in the USRDS database, and gives basic demographic and ESRD-related data.

Variable	Type	Length	Format	Comment
ADRIND	Num	8		This patient is included in the ADR cohort
ADRINDTXT	Char	1	\$ADRINDT	Reason this patient was not included in the ADR cohort
CDEATH	Char	3	\$DEATHFM	Primary cause of death
CDEATH2	Char	3	\$DEATHFM	Secondary cause of death1
CDEATH3	Char	3	\$DEATHFM	Secondary cause of death2
CDEATH4	Char	3	\$DEATHFM	Secondary cause of death3
CDEATH5	Char	3	\$DEATHFM	Secondary cause of death4
COUNTY	Char	5		County (FIPS code)
DIED	Num	8	MMDDYY	Date of Death
DISGRPC	Char	5	\$DISGRPC	Primary disease > ESRD: detailed group
FIRST_SE	Num	8	MMDDYY	Date of First ESRD Service
INC_AGE	Num	8		Age at first ESRD service
INCAGEC	Char	2	\$AGE5YRC	Age at first ESRD service (5-yr groups)
INCYEAR	Num	8		Year of first esrd service
NETWORK	Char	2	\$NETFMT	ESRD Network
PDIS	Char	5	\$DIAG	Primary disease causing ESRD
RACE	Char	1	\$RACEFMT	Race of patient
RXSTOP	Char	1	\$RXSTOP	Rx stopped prior to death (1990 on)
SEX	Char	1	\$SEXFMT	Sex of patient
STATE	Char	2	\$STATFIP	State (FIPS code)
TOTTX	Num	8		Total transplants for this patient
TX1DATE	Num	8	MMDDYY	Date of first transplant
TX1DONOR	Char	3	\$DONOR	First transplant donor type
TX1FAIL	Num	8	MMDDYY	First transplant failure date
USA	Char	1		In USA? (Y/N)
USRDS_ID	Num	8	BEST	USRDS patient ID
ZIPCODE	Char	10	\$	ZIP_ZIPCODE

### RXHIST60: Condensed Treatment History

A condensed version of the RXHIST file. All modality periods less than 60 days are subjected to a collapse with adjacent cells of longer durations.

Variable	Type	Length	Format	Comment
BEGDATE	Num	8	MMDDYY	Start date of this period
BEGDAY	Num	4		Start day of this period (start ESRD=1)
ENDDATE	Num	8	MMDDYY	End date of this period
ENDDAY	Num	4		End day of this period (start ESRD=1)
PROVUSRD	Num	8	BEST	USRDS Assigned Facility ID
RXGROUP	Char	1	\$RXCATGP	Treatment modality (training recoded)
USRDS_ID	Num	8	BEST	USRDS_ID

**DEATH: Death Form***Contains full data from the death notification form (CMS-2746).*

Variable	Type	Length	Format	Comment
AUTOPSY	Char	1	\$YNUFMT	Autopsy Performed
CAUSE_OTHER	Char	255		12.c - Other Cause of Death
CAUSEPRIM	Char	5	\$DEATHFM	12.a - Primary Cause of death
CAUSESEC1	Char	5	\$DEATHFM	12.b.1 - Secondary Cause of Death
CAUSESEC2	Char	5	\$DEATHFM	12.b.2 - Secondary Cause of Death
CAUSESEC3	Char	5	\$DEATHFM	12.b.3 - Secondary Cause of Death
CAUSESEC4	Char	5	\$DEATHFM	12.b.4 - Secondary Cause of Death
DISCONTINUE_REASON	Char	1	\$DISCREA	14. - Pt./Family Request to Stop Dialysis?
DOD	Num	8	MMDDYY	8. - Date of Death
HOSPICE	Char	1	\$YNUFMT	16. - Hospice Care Indicator
KIDNEYFUNC	Char	1	\$YNUFMT	15.c - Graft Function at Death Indicator
LAST_TREATMENT	Num	8	MMDDYY	13.f - Date of last Dialysis treatment before death
MODALITY_TYPE	Char	1	\$MODAL	9. - Patient's modality at time of death
NETWORKNUM	Char	2	\$NETFMT	Network Number
OUTDIAL	Char	1	\$YNUFMT	15.d - Prior to Death TX Patient Resume Dialysis
PLACEDATH	Char	1	\$PDEATH	7. - Patient Place of Death
REPLTHEDIS	Char	1	\$YNUFMT	13. - Renal Replacement Therapy Discontinued Prior to Death
REREDISFOL	Char	1	\$RERED	13. - Renal Replacement Therapy Discontinue Reason
SEXCODE	Char	1	\$GENDFMT	3. - Gender
STATE	Char	2	\$STATE	6. - Patient State at Death
TPDATE	Num	8	MMDDYY	15.a - Most Recent Transplant Date
TRANSPLANT	Char	1	\$YNUFMT	Transplant Indicator
USRDS_ID	Num	8	BEST	USRDS_ID

**TX: Transplant***Includes minimum details about all transplants from all sources.*

Variable	Type	Length	Format	Comment
DABO	Char	3	\$BLOOD	Donor Blood Type
DAGE	Num	8		Donor Age
DHISP	Char	1	\$ETHFMT	Donor Hispanic Ethnicity
DONREL	Num	8	LD_REL	Relationship of Living Donor and Recipient
DRACE	Char	1	\$RACEFMT	Donor Race
DSEX	Char	1	\$SEXFMT	Donor Gender
DTYPE	Char	3	\$DONOR	Donor Type
FAILDATE	Num	8	MMDDYY	Transplant Failure Date
INCCOUNT	Num	8		Sequence Number of This Transplant
PROVUSRD	Num	8	BEST	USRDS Assigned Facility ID
RABO	Char	3	\$BLOOD	Recipient Blood Type
RACE	Char	1	\$RACEFMT	Recipient Race
RAGE	Num	8		Recipient Age
RHISP	Char	1	\$ETHFMT	Recipient Hispanic Ethnicity
RSEX	Char	1	\$SEXFMT	Recipient Gender
TDATE	Num	8	MMDDYY	Transplant Date
TOTTX	Num	8		Patient Total Number of TXs
TRR_ID	Num	8		Transplant Receipt Registration Form PRIMARY RECORD KEY
TX_SRCE	Char	1	\$TXSRC	Source of Transplant Record
USRDS_ID	Num	8	BEST	USRDS_ID
YEAR	Num	8		Year of Transplant

**PAYHIST: Detailed Treatment History**

Contains a new record for each patient at each change in payer.

Variable	Type	Length	Format	Comment
BEGDATE	Num	8	MMDDYY	Start date of this period
DUALELIG	Char	7	\$YNYNFMT	Medicare/Medicaid Dual Eligibility (Y/N)
ENDDATE	Num	8	MMDDYY	End date of this period
MCARE	Char	7	\$YNYNFMT	Medicare Indicator (Y/N)
PAYER	Char	40	\$PAYCAT	Payer Category
USRDS_ID	Num	8	BEST	USRDS_ID

**CPST3R: Census Population**

Census data, by state, and three races, white, black, or other.

Variable	Type	Length	Format	Comment
AGE	Char	8	\$AGE5YRC	Age in 5-year increments
DEC31	Num	8		December 31 U.S. resident population
JUL1	Num	8		July 1 U.S. resident population
RACE	Char	1	\$RACEFMT	Race
SEX	Char	1	\$SEXFMT	Gender
STATE	Char	5	\$STATFIP	State FIPS Code
YEAR	Num	8		Year

**CPST4R: Census Population**

Census data, by state, and four races, white, black, Asian, or Native American.

Variable	Type	Length	Format	Comment
AGE	Char	2	\$AGE5YRC	Age in 5-year increments
DEC31	Num	8		December 31 U.S. resident population
JUL1	Num	8		July 1 U.S. resident population
RACE	Char	1	\$RACEFMT	Race
SEX	Char	1	\$SEXFMT	Gender
STATE	Char	2	\$STATFIP	State FIPS Code
YEAR	Num	8		Year

**CPUS3R: Census Population**

Census data for the US, by three races, white, black, or other.

Variable	Type	Length	Format	Comment
AGE	Char	2	\$AGE5YRC	Age in 5-year increments
DEC31	Num	8		December 31 U.S. resident population
JUL1	Num	8		July 1 U.S. resident population
RACE	Char	1	\$RACEFMT	Race
SEX	Char	1	\$SEXFMT	Gender
YEAR	Num	8		Year

**CPUS4R: Census Population**

Census data for the US, by four races, white, black, Asian, or Native American.

Variable	Type	Length	Format	Comment
AGE	Char	2	\$AGE5YRC	Age in 5-year increments
DEC31	Num	8		December 31 U.S. resident population
JUL1	Num	8		July 1 U.S. resident population
RACE	Char	1	\$RACEFMT	Race
SEX	Char	1	\$SEXFMT	Gender
YEAR	Num	8		Year

**CORE CD-2****MEDEVID95: Medical Evidence form 1995**

Contains full data from the 1995 version of the CMS Medical Evidence Report (CMS-2728), implemented in April, 1995. This is the source of data regarding primary cause of renal disease and start date of chronic renal dialysis. The 1995 version includes data on comorbidity, employment status, lab values at start of ESRD, and Hispanic ethnicity.

Variable	Type	Length	Format	Comment
AIDS	Char	1	\$YNCFMT	AIDS (Q16r)
ALBUM	Num	8		Serum Albumin (Q18c)
ALBUMDT	Num	8	MMDDYY	Serum Albumin date (Q18c)
ALBUMLM	Num	8		Serum Albumin lower limit (Q18d)
ALCOH	Char	1	\$YNUFMT	Alcohol dependence (Q16o)
ALGCON	Char	1		Medical Evidence Algorithm Conflict
APDXTR	Char	1	\$YNUFMT	Bene Approved for Dial Train
APTXPR	Char	1	\$YNUFMT	Bene Approved for Pre-TX Services
BMI	Num	8		Body Mass Index - Calculated
BUN	Num	8		BUN (Q18g)
BUNDAT	Num	8	MMDDYY	BUN date (Q18g)
CANCER	Char	1	\$YNUFMT	Cancer (Q16n)
CARARR	Char	1	\$YNUFMT	Cardiac arrest (Q16d)
CARFAIL	Char	1	\$YNUFMT	Congestive heart failure (16a)
CRDATE	Num	8	MMDDYY	Date med ev record was posted to rebus
CREA	Num	8		Creatinine clearance (Q18f)
CREADAT	Num	8	MMDDYY	Creatinine clearance date (Q18f)
CTDATE	Num	8	MMDDYY	Date Atten Physician Signed Form (Q48)
CURTSIT	Char	1	\$MESET	Curr Dial Treat Setting (Q35)
CURTXS	Char	1	\$METXST	Current Status of Transplant (Q33)
CVA	Char	1	\$YNUFMT	Cerebrovascular disease, CVA TIA (Q16g)
DECBAS	Char	1		Decision basis
DIABINS	Char	1	\$YNUFMT	Diabetes, currently on insulin (Q16k)
DIABPRIM	Char	1	\$YNUFMT	Diabetes, (primary or contrib.) (Q16j)
DIALDAT	Num	8	MMDDYY	Date Regular Dialysis Began (Q23)
DIALEDT	Num	8	MMDDYY	Date Dialysis Stopped (Q25)
DIALRDAT	Num	8	MMDDYY	Return dialysis, tx nonfunction (Q34)
DIALSET	Char	1	\$MESET	Primary Dialysis Setting (Q21)
DIALTYP	Char	1	\$MEDIATP	Primary Type of Dialysis (Q22)
DIED	Num	8	MMDDYY	Date of Death
DRUG	Char	1	\$YNUFMT	Drug dependence (Q16p)
DVA	Char	1	\$YNUFMT	DVA coverage (Q10b)
DYSRHYT	Char	1	\$YNUFMT	Cardiac dysrhythmia (Q16e)
EDITIND	Char	1		Data Edit Errors
EMPCUR	Char	1	\$EMPSTAT	Current employment status (Q15)
EMPGRP	Char	1	\$YNUFMT	Employer group health insurance (Q10d)
EMPPREV	Char	1	\$EMPSTAT	Previous employment status (Q15)
EPO	Char	1	\$YNUFMT	Pre-Dialysis/Tx EPO Administered (Q17)
ESRDCER	Char	1	\$YNUFMT	Network confirmed as ESRD
ETHN	Char	1	\$MEETH	Hispanic Ethnicity (Q8)
FACSTD	Num	8	MMDDYY	Patient Started Current Facility (Q24)
FORMVERSION	Num	8		Form Version: 1995, 2005
GFR	Num	8		GFR calculated (Ab. Levey or Schwartz)
HECRDT	Num	8	MMDDYY	Hematocrit date (Q18a)
HECRIT	Num	8		Hematocrit (Q18a)
HEGLB	Num	8		Hemoglobin (Q18b)
HEGLBDT	Num	8	MMDDYY	Hemoglobin date (Q18b)
HEIGHT	Num	8		Patient Height (Q13)
HIV	Char	1	\$YNCFMT	HIV positive status (Q16q)
HYPERT	Char	1	\$YNUFMT	Hypertension (Q16i)
IHD	Char	1	\$YNUFMT	Ischemic heart disease (Q16b)
INC_AGE	Num	8		Age at incidence (ESRD date from profile)
MDCD	Char	1	\$YNUFMT	Medicaid coverage (Q10a)
MDCR	Char	1	\$YNUFMT	Medicare coverage (Q10c)
MDCRCOD	Char	1	\$YNUFMT	Patient applying for medicare (Q11)
MESEQ	Num	8		Number of Med Evidence forms filed
MI	Char	1	\$YNUFMT	Myocardial infarction (Q16c)
NETADT	Num	8	MMDDYY	Network Action Date
NETWORK	Char	2	\$NETFMTN	Network number (Q55)
NOAMBUL	Char	1	\$YNUFMT	Inability to ambulate (Q16s)

**MEDEVID95: Medical Evidence form 1995 (continued)**

Variable	Type	Length	Format	Comment
NOCOV	Char	1	\$YNUFMT	No medical insurance (Q10f)
NOTRANS	Char	1	\$YNUFMT	Inability to transfer (Q16t)
OTHCOV	Char	1	\$YNUFMT	Other medical insurance (Q10e)
PATSIGN	Num	8	MMDDYY	Date Pt. signed form (Q51)
PDIS	Char	6	\$DIAG	12 Prim cause renal failure trailer
PERICAR	Char	1	\$YNUFMT	Pericarditis (Q16f)
PULMON	Char	1	\$YNUFMT	Chronic obstructive pulmonary disease (Q16l)
PVASC	Char	1	\$YNUFMT	Peripheral vascular disease (Q16h)
RACE	Char	9	\$MERACE	Race (Q9)
SERCR	Num	8		Serum creatinine (Q18e)
SERCRDT	Num	8	MMDDYY	Serum creatinine date (Q18e)
SEX	Char	1	\$MESEX	Sex (Q07)
SMOKE	Char	1	\$YNUFMT	Tobacco use (Q16m)
TDATE	Num	8	MMDDYY	Date of transplant (Q27)
TRCERT	Char	1		Patient has/will complete training (Q40)
TRNEND	Num	8	MMDDYY	Date patient expect complete training (Q41)
TRSTDAT	Num	8	MMDDYY	Date training began (Q38)
TXADMDT	Num	8	MMDDYY	Date patient admitted in prep for tx (Q30)
TYPTRN	Char	1	\$MEDIATP	Type of dialysis training (Q39)
UREA	Num	8		Urea (Q18h)
UREADT	Num	8	MMDDYY	Urea date (Q18h)
USRDS_ID	Num	8	BEST	USRDS_ID
WEIGHT	Num	8		Patient weight (Q14)



**MEDEVID05: Medical Evidence form 2005**

Contains full data from the 2005 version of the CMS Medical Evidence Report (CMS-2728), implemented in May, 2005. This is the source of data regarding primary cause of renal disease and start date of chronic renal dialysis. The 2005 version includes purpose of the form (initial, re-entitlement, supplemental), multiple patient race data, and data on nephrologist care, diet care, and access type.

Variable	Type	Length	Format	Comment
ALBUM	Num	8		(19.a.1) Serum Albumin Value (g/dl).
ALBUMDT	Num	8	MMDDYY	(19.a.1.1) Serum Albumin Date
ALBUMLM	Num	8		(19.a.2) Serum Albumin Lower Limit Value
AVFMATURING	Num	8		(18.d.1) If not AVF, then: Is maturing AVF present?
AVGMATURING	Num	8		(18.d.2) If not AVF, then: Is maturing graft present?
BMI	Num	8		Body Mass Index - Calculated
COMO_ALCHO	Char	1		(17.p) Co-Morbid P: Alcohol dependence.
COMO_AMP	Char	1		(17.g) Co-Morbid G: Amputation.
COMO_ASHD	Char	1		(17.b) Co-Morbid B: Atherosclerotic heart disease ASHD.
COMO_CANC	Char	1		(17.n) Co-Morbid N: Malignant neoplasm, Cancer.
COMO_CHF	Char	1		(17.a) Co-Morbid A: Congestive heart failure.
COMO_COPD	Char	1		(17.l) Co-Morbid L: Chronic obstructive pulmonary disease.
COMO_CVATIA	Char	1		(17.d) Co-Morbid D: Cerebrovascular disease, CVA, TIA*.
COMO_DM_INS	Char	1		(17.h) Co-Morbid H: Diabetes, currently on insulin.
COMO_DM_NOMEDS	Char	1		(17.j) Co-Morbid J: Diabetes, without medications.
COMO_DM_ORAL	Char	1		(17.i) Co-Morbid I: Diabetes, on oral medications.
COMO_DM_RET	Char	1		(17.k) Co-Morbid K: Diabetic retinopathy.
COMO_DRUG	Char	1		(17.q) Co-Morbid Q: Drug dependence*.
COMO_HTN	Char	1		(17.f) Co-Morbid F: History of hypertension.
COMO_INAMB	Char	1		(17.r) Co-Morbid R: Inability to ambulate.
COMO_INST	Char	1		(17.u) Co-Morbid U: Institutionalized.
COMO_INST_AL	Char	1		(17.u1) Co-Morbid U1: Institutionalized - Assisted Living.
COMO_INST_NURS	Char	1		(17.u2) Co-Morbid U2: Institutionalized - Nursing Home.
COMO_INST_OTH	Char	1		(17.u3) Co-Morbid U3: Institutionalized - Other Institution.
COMO_INTRANS	Char	1		(17.s) Co-Morbid S: Inability to transfer.
COMO_NEEDASST	Char	1		(17.t) Co-Morbid T: Needs assistance with daily activities.
COMO_NONE	Char	1		(17.w) Co-Morbid W: None.
COMO_NRC	Char	1		(17.v) Co-Morbid V: Non-renal congenital abnormality.
COMO_OTHCARD	Char	1		(17.c) Co-Morbid C: Other cardiac disease.
COMO_PVD	Char	1		(17.e) Co-Morbid E: Peripheral vascular disease*.
COMO_TOBAC	Char	1		(17.m) Co-Morbid M: Tobacco use (current smoker).
COMO_TOXNEPH	Char	1		(17.o) Co-Morbid O: Toxic nephropathy.
COMORBID	Char	49		(17.) Concatenates the patients comorbidity factors
COUNTRY	Num	8	COUNTRY	(9.) Country
CRDATE	Num	8	MMDDYY	(CMS) Date this form was entered into the system.
CTDATE	Num	8	MMDDYY	(50.) Supervising Physician Signature Date.
CURTSIT	Char	1	\$MESET	(37) Current Dialysis Treatment Site.
CURTXS	Char	1	\$METXST	(34.) Transplant Status.
DECBAS	Char	1		(CMS) Decision regarding how the patient was confirmed as ESRD.
DIALDAT	Num	8	MMDDYY	(24.) Date Regular Dialysis Began.
DIALEDT	Num	8	MMDDYY	(CMS) Date patient stopped dialysis therapy.
DIALRDAT	Num	8	MMDDYY	(36.) Dialysis Return date after a transplant rejection.
DIALSET	Char	1	\$MESET	(22.) Dialysis Setting.
DIALTYP	Char	1	\$MEDIATP	(23.) Dialysis Type.
DIED	Num	8	MMDDYY	(CMS) Date of patients death.
DIETCARE	Num	8		(18.c) Was patient under care of kidney dietitian?
DIETCARERANGE	Num	8	RANGE	(18.c.1) Was patient under care of kidney dietitian? If Yes,6-12 or >12 months
DONORTYPE	Num	8	DONORTYP	(35.) Type of Donor
EMPCUR	Char	1	\$EMPSTAT	(16.) Summarizes the patients employment status at time of 2728 filing
EMPPREV	Char	1	\$EMPSTAT	(16.1) Summarizes the patients prior employment status
EPO	Char	1	\$YNUFMT	(18.a) Erythropoietin(EPO) was administered prior to dialysis or transplant.
EPORANGE	Num	8	RANGE	(18.a.1) Did patient receive EPO or equivalent? If Yes,6-12 or >12 months
ETHN	Char	1	\$MEETH	(8.) Patients ethnicity.
FACSTD	Num	8	MMDDYY	(25.) Date Patient Started at 2728 Provider.
FORMVERSION	Num	8		(CMS) Form Version: Pre-1995, 1995, 2005
GFR	Num	8		GFR calculated (Ab. Levey or Schwartz)
HBA1C	Num	8		(19.d) HbA1c value (%)
HBA1CDATE	Num	8	MMDDYY	(19.d.1) HbA1c Date

**MEDEVID05: Medical Evidence form 2005 (continued)**

Variable	Type	Length	Format	Comment
HEGLB	Num	8		(19.c) Hemoglobin Value (g/dl).
HEGLBDT	Num	8	MMDDYY	(19.c.1) Hemoglobin Date.
HEIGHT	Num	8		(13.) Patient Height. (cm)
HEMOHOURS	Num	8		(23.2) Primary Type of Dialysis: Hemodialysis-(Hours per session)
HEMOSESSIONS	Num	8		(23.1) Primary Type of Dialysis: Hemodialysis-(Sessions per week)
INC_AGE	Num	8		Age at incidence (ESRD date from profile)
INHOSP	Char	1		(CMS) Was patient admitted prior to the transplant.
LABMETHOD	Num	8		(19.a.3) Serum Albumin Lower Limit: Lab Method Used (BCG or BCP)
LIPIDPROFILEHDLDATE	Num	8	MMDDYY	(19.e.3.1) Lipid Profile HDL Date
LIPIDPROFILELDLDATE	Num	8	MMDDYY	(19.e.2.1) Lipid Profile LDL Date
LIPIDPROFILETC	Num	8		(19.e.1) Lipid Profile TC value (mg/dL)
LIPIDPROFILETCDATE	Num	8	MMDDYY	(19.e.1.1) Lipid Profile TC Date
LIPIDPROFILETG	Num	8		(19.e.4) Lipid Profile TG value (mg/dL)
LIPIDPROFILETGDATE	Num	8	MMDDYY	(19.e.4.1) Lipid Profile TG Date
LIPIDPROFILHDL	Num	8		(19.e.3) Lipid Profile HDL value (mg/dL)
LIPIDPROFILLDL	Num	8		(19.e.2) Lipid Profile LDL value (mg/dL)
MDCRCOD	Char	1	\$YNUFMT	(11.) Patient is applying for ESRD Medicare.
MEDCOV_ADVANTAGE	Char	1		(12.) Patient is currently entitled to Federal Medicare Advantage benefits.
MEDCOV_GROUP	Char	1		(12.) Patient receives medical benefits through an employer group health plan.
MEDCOV_MEDDVA	Char	1		(12.) Patient is receiving medical care from a Department of Veterans Affairs facility.
MEDCOV_MEDICAID	Char	1		(12.) Patient is receiving state Medicaid benefits.
MEDCOV_MEDICARE	Char	1		(12.) Patient is currently entitled to Federal Medicare benefits.
MEDCOV_NONE	Char	1		(12.) Patient has no medical insurance plan.
MEDCOV_OTHER	Char	1		(12.) Patient is receiving other medical benefits.
MEDICALCOVERAGE	Char	13		(12.) Concatenates the patients Medical Coverage
MESEQ	Num	8		Number of Med Evidence forms filed
NEPHCARE	Num	8		(18.b) Was patient under care of a nephrologist?
NEPHCARERANGE	Num	8	RANGE	(18.b.1) Was patient under care of a nephrologist? If Yes,6-12 or >12 months
NETWORK	Char	2	\$NETFMTN	(55. - 1995 Form) Network Number.
PATINFORMED	Num	8		(26.) Has patient been informed of kidney transplant options?
PATNOTINFORMEDREASON	Char	10	\$PATNOTI	(27.) Concatenates reason patient was NOT informed of transplant options
PATSIGN	Num	8	MMDDYY	(55.) Patient Signature Date.
PATTXOP_DECLINE	Char	1		(27.) Patient NOT informed of TX options: Patient declines information
PATTXOP_MEDUNFIT	Char	1		(27.) Patient NOT informed of TX options: Medically unfit
PATTXOP_OTHER	Char	1		(27.) Patient NOT informed of TX options: Other
PATTXOP_PHYSUNFIT	Char	1		(27.) Patient NOT informed of TX options: Psychologically unfit
PATTXOP_UNASSESSED	Char	1		(27.) Patient NOT informed of TX options: Patient has not been assessed
PATTXOP_UNSTUTAGE	Char	1		(27.) Patient NOT informed of TX options: Unsuitable due to age
PDIS	Char	6	\$DIAG	(15.) Primary Cause of Renal Failure
RACE	Char	9	\$MERACE	(10.) Patients race.
RACE_SUB_CODE	Char	4	\$SUB	(CMS) Sub race code as assigned by each Network. Previously SUB_CODE
RACEC	Char	9		(10.) Contanation of Patients race.
SERCR	Num	8		(19.b) Serum Creatine Value (mg/dl).
SERCRDT	Num	8	MMDDYY	(19.b.1) Serum Creatine Date.
SEX	Char	1	\$MESEX	(7.) Patients gender.
SUB_CODE	Char	3		(CMS) Sub race code as assigned by each Network.
TDATE	Num	8	MMDDYY	(28.) Date of most recent transplant.
TRAINSET	Num	8	TRAINSET	(41.ab) Hemodialysis Training Setting: Home or Center
TRCERT	Char	1		(42.) Patient has/will complete training.
TRNEND	Num	8	MMDDYY	(43.) Dialysis Training End Date.
TRSTDAT	Num	8	MMDDYY	(40.) Dialysis Training Begin Date.
TXADMDT	Num	8	MMDDYY	(31.) Date patient entered prep hospital.
TYPE2728	Num	8	FORMTYPE	(A.) This Form is: Initial, Re-entitlement, or Supplemental
TYPTRN	Char	1	\$MEDIATP	(41.) Self Dialysis Training Type.
USRDS_ID	Num	8	BEST	USRDS_ID
WEIGHT	Num	8		(14.) Patient Weight. (kg)

**RESIDENC: Residence**

*Provides a longitudinal record to ZIP code level of each patient's place of residence.*

Variable	Type	Length	Format	Comment
BEGRES	Num	8	DATE	Starting date for this period
COUNTY	Char	5		County (FIPS code)
ENDRES	Num	8	DATE	Ending date for this period
FSD	Num	8	MMDDYY	First ESRD service during this period
NETWORK	Char	2	\$NETFMT	ESRD Network
STATE	Char	2	\$STATFIP	State (FIPS code)
USA	Char	1		In USA? (Y/N)
USRDS_ID	Num	8	BEST	USRDS_ID
ZIPCODE	Char	10	\$	ZIP_ZIPCODE

**FACILITY: CMS/CDC ESRD Annual Facility**

The CMS ESRD Annual Facility Survey and the CDC Dialysis Surveillance Survey are the sources of survey data for the Facility SAF, which can be linked to the Facility Cost Report files using the USRDS provider ID. Because of this link, geographic variables that could be used to identify facilities have been deleted. The survey period is January 1 through December 31.

Variable	Type	Length	Format	Comment
BEG_TOT	Num	8	BEST	03 Total
CADDONOR	Num	8	BEST	49 Cadaveric Donor
CAPD	Char	1	\$YNYNFMT	CAPD Indicator
CAPHOME	Num	8	BEST	23 Home Dialysis - CAPD
CAPINTRG	Num	8	BEST	18 Self Dialysis Training - CAPD
CATRAIND	Num	8	BEST	32 CAPD
CATRGTRT	Num	8	BEST	40 CAPD
CCPD	Char	1	\$YNYNFMT	CCPD Indicator
CCPHOME	Num	8	BEST	24 Home Dialysis - CCPD
CCPINTRG	Num	8	BEST	19 Self Dialysis Training - CCPD
CCTRAIND	Num	8	BEST	33 CCPD
CCTRGTRT	Num	8	BEST	41 CCPD
CERTCODE	Char	1	\$FSCERT	Certification Type
CERTDATE	Num	8	DATE	Date of Cert. to provide renal serv.
CHAIN_ID	Char	10		Chain ID
CTR_LOSS	Num	8	BEST	56 Non-Viable Kidneys
CTR_OUT	Num	8	BEST	55 Sent Outside the U.S.
CTR_SENT	Num	8	BEST	* Total Sent (54+55)
CTR_TOT	Num	8	BEST	57 Total
CTR_US	Num	8	BEST	54 Sent to Another U.S. facility
CTRFXPLT	Num	8	BEST	53 Transplanted at this facility
DMEDAPPR	Num	8	BEST	27 Currently enrolled in Medicare
DMEDPEND	Num	8	BEST	28 Medicare Application Pending
DNONMED	Num	8	BEST	29 Non-Medicare
DREUSE	Num	8		Did facility reuse dialyzers
DSTCNTCT	Num	8		# of staff having contact w/pts or eqp.
DSTVAC	Num	8		# staff ever receiving 3 doses Hep B vac
DX_WAIT	Num	8	BEST	51 Dialysis
DXGERMA	Num	8		1=yes 0=no Indicator var Amuchina
DXGERMF	Num	8		1=yes 0=no Indicator var Formaldehyde
DXGERMG	Num	8		1=yes 0=no Indicator var Glutaraldehyde
DXGERMH	Num	8		1=yes 0=no Indicator var Heat
DXGERMO	Num	8		1=yes 0=no Indicator var Other
DXGERMR	Num	8		1=yes 0=no Indicator var Renalin
END_TOT	Num	8	BEST	26 Total Patients
FS_YEAR	Char	4	\$	Facility Survey Survey Year
FYEND	Char	4	\$	MMDD of Fiscal Year End
H4HDHMDY	Num	8		30B Home pts dialyzing during the day
H4HDMNT	Num	8		31B Home pts dialyzing during at night
H4HDICDY	Num	8		30A In-ctr pts dialyzing during the day
H4HDICNT	Num	8		31A In-ctr pts dialyzing during at night
HAPNFT	Num	8		Advanced Practice Nurses on staff FTime
HAPNPT	Num	8		Advanced Practice Nurses on staff PTime
HDIETFT	Num	8		Dieticians on staff full-time
HDIETPT	Num	8		Dieticians on staff part-time
HEDUFTPT	Num	8		35 Pts attending school full/ part time
HEMHOME	Num	8	BEST	21 Home Dialysis - Hemo
HEMINTRG	Num	8	BEST	16 Self Dialysis Training - Hemo
HEMO	Char	1	\$YNYNFMT	Staff Assisted Hemo. Indicator
HEMOSC	Char	1	\$YNYNFMT	In-Unit Self-Care Hemo. Indicator
HEMOTRNG	Char	1	\$YNYNFMT	Hemo. Training Indicator
HEMPFTPT	Num	8		34 VOC/REHAB pts employed full/part time
HEMSLSTF	Num	8	BEST	14 Outpatient Dialysis - Hemo
HLPNFT	Num	8		Licensed Practical/Visiting Nurses FTime
HLPNPT	Num	8		Licensed Practical/Visiting Nurses PTime
HOAPNFT	Num	8		APN full-time positions open
HOAPNPT	Num	8		APN part-time positions open
HODIETFT	Num	8		Dieticians full-time positions open
HODIETPT	Num	8		Dieticians part-time positions open
HOLPNFT	Num	8		LPN/LVN full-time positions open
HOLPNPT	Num	8		LPN/LVN part-time positions open

**FACILITY: CMS/CDC ESRD Annual Facility (continued)**

Variable	Type	Length	Format	Comment
HOPCTFT	Num	8		PCT full-time positions open
HOPCTPT	Num	8		PCT part-time positions open
HORNFT	Num	8		RN full-time positions open
HORNPT	Num	8		RN part-time positions open
HOSWFT	Num	8		Social Workers full-time positions open
HOSWPT	Num	8		Social Workers part-time positions open
HPAT1854	Num	8		32 Patients aged 18 through 54
HPATVOC	Num	8		33 Patients receiving vocational rehab
HPCTFT	Num	8		Patient Care Technicians on staff FTime
HPCTPT	Num	8		Patient Care Technicians on staff PTime
HRNFT	Num	8		Registered Nurses on staff full-time
HRNPT	Num	8		Registered Nurses on staff part-time
HSWFT	Num	8		Social Workers on staff full-time
HSWPT	Num	8		Social Workers on staff part-time
HTRGTRT	Num	8	BEST	38 Hemodialysis
IH_BEG	Num	8	BEST	02 Home
IH_DEATH	Num	8	BEST	08B Home - Deaths
IH_DISCO	Num	8	BEST	12B Home - Discontinued Dialysis
IH_END	Num	8	BEST	25 Total Home Dialysis
IH_LTFU	Num	8	BEST	13B Home - Other (LTFU)
IH_RECOV	Num	8	BEST	09B Home - Recovered Kidney Function
IH_RETXX	Num	8	BEST	07B Home - Returned after TX
IH_START	Num	8	BEST	04B Home-Started for first time ever
IH_TRFIN	Num	8	BEST	06B Home - Transferred In
IH_TXPLT	Num	8	BEST	10B Home - Received Transplant
IHRESTRT	Num	8	BEST	05B Home - Restarted
IHTRFOUT	Num	8	BEST	11B Home - Transferred to Another Unit
INCDC	Num	8		1=Data present, 0=No data, =No survey this year
IND_LOSS	Num	8	BEST	66 Non-Viable Kidneys
IND_OUT	Num	8	BEST	65 Sent Outside the U.S.
IND_SENT	Num	8	BEST	* Total Sent (64+65)
IND_TOT	Num	8	BEST	67 Total
IND_US	Num	8	BEST	64 Sent to Another U.S. facility
INDTXPLT	Num	8	BEST	63 Transplanted at this facility
INHCFA	Num	8		Data present in HCFA survey 1=yes 0=no
IU_BEG	Num	8	BEST	01 In-Unit
IU_DEATH	Num	8	BEST	08A In-Unit - Deaths
IU_DISCO	Num	8	BEST	12A In-Unit - Discontinued Dialysis
IU_END	Num	8	BEST	20 Total Outpatient Dialysis
IU_LTFU	Num	8	BEST	13A In-Unit - Other (LTFU)
IU_RECOV	Num	8	BEST	09A In-Unit - Recovered Kidney Function
IU_RETXX	Num	8	BEST	07A In-Unit - Returned after TX
IU_START	Num	8	BEST	04A In-Unit -Started for first time Ever
IU_TRFIN	Num	8	BEST	06A In-Unit - Transferred In
IU_TXPLT	Num	8	BEST	10A In-Unit - Received Transplant
IURESTRT	Num	8	BEST	05A In-Unit - Restarted
IUTRFOUT	Num	8	BEST	11A In-Unit - Transferred to Another Unit
LIVDONOR	Num	8	BEST	* Total Living Donor (47+48)
MED_VA	Char	1	\$MEDVA	Non-MC Renal Facility for which HCFA rec
NETWORK	Char	2	\$	ESRD Network Number
NTH_LOSS	Num	8	BEST	71 Non-Viable Kidneys
NTH_OUT	Num	8	BEST	70 Sent Outside the U.S.
NTH_SENT	Num	8	BEST	* Total Sent (69+70)
NTH_TOT	Num	8	BEST	72 Total
NTH_US	Num	8	BEST	69 Sent to Another U.S. facility
NTHTXPLT	Num	8	BEST	68 Transplanted at this facility
NU_HBFS	Num	8		1=Hopsital-based, 2=Freestanding
NU_P_NP	Char	10		FOR-PROFIT / NON-PROFIT indicator
OP_HTRT	Num	8	BEST	36 Hemodialysis
OP_PTRT	Num	8	BEST	37 IPD
OPA_LOSS	Num	8	BEST	61 Non-Viable Kidneys
OPA_OUT	Num	8	BEST	60 Sent Outside the U.S.
OPA_SENT	Num	8	BEST	* Total Sent (59+60)
OPA_TOT	Num	8	BEST	62 Total

**FACILITY: CMS/CDC ESRD Annual Facility (continued)**

Variable	Type	Length	Format	Comment
OPA_US	Num	8	BEST	59 Sent to Another U.S. facility
OPATXPLT	Num	8	BEST	58 Transplanted at this facility
OTH_WAIT	Num	8	BEST	52 Non-Dialysis
PCRTCODE	Char	1	\$FSCERT	Prior certification type
PCRTDATE	Num	8	BEST	Prior certification date
PERHOME	Num	8	BEST	22 Home Dialysis - IPD
PERI	Char	1	\$YNYNFMT	Staff Assisted Peri. Indicator
PERINTRG	Num	8	BEST	17 Self Dialysis Training - IPD
PERISC	Char	1	\$YNYNFMT	In-Unit Self-Care Peri. Indicator
PERITRNG	Char	1	\$YNYNFMT	Peri. Training Indicator
PERSLSTF	Num	8	BEST	15 Outpatient Dialysis - IPD
PROVST	Char	2	\$	State Abbreviation
PROVUSRD	Num	8	BEST	USRDS Assigned Facility ID
PTRGTRT	Num	8	BEST	39 IPD
PTRMCODE	Char	1	\$TERMCOD	Prior Termination reason
PTRMDATE	Num	8	BEST	Prior Termination Date
RLIVDONR	Num	8	BEST	47 Living Related
SHTRAINED	Num	8	BEST	30 Hemodialysis
SPTRAINED	Num	8	BEST	31 IPD
SURVCERT	Char	1	\$FSCERT	Cert. Type for Fac. Survey Purposes
TDSCRD	Num	8	BEST	78 Discarded Kidneys
TERMCODE	Char	1	\$TERMCOD	Reason facility terminated
TERMDATE	Num	8	DATE	Termination Date
TMEDAPPR	Num	8	BEST	43 Currently Enrolled in Medicare
TMEDPEND	Num	8	BEST	44 Medicare Application Pending
TNONMED	Num	8	BEST	* Total Non-Medicare (45+46)
TONONMED	Num	8	BEST	46 Non-Medicare - Other
TOT_LOSS	Num	8	BEST	76 Non-Viable Kidneys
TOT_OUT	Num	8	BEST	75 Sent Outside the U.S.
TOT_SENT	Num	8	BEST	* Total Sent (74+75)
TOT_TXPL	Num	8	BEST	50 Total (sum of 47 thru 49)
TOT_US	Num	8	BEST	74 Sent to Another U.S. facility
TOTSTAS	Num	8	BEST	Total Number of Dialysis Stations
TOTTXPLT	Num	8	BEST	73 Transplanted at this facility
TRSCRCH	Num	8	BEST	77 Used for research
TRSI_PAT	Num	8	BEST	34 Treated during Survey Period
TRSL_TRT	Num	8	BEST	35 Number of outpatient treatments
TUNONMED	Num	8	BEST	45 Non-Medicare - U.S. Resident
TXPL_PAT	Num	8	BEST	42 Patients transplanted at this facil.
TYPOWNER	Char	2	\$FSOWN	Type of Ownership
ULIVDONR	Num	8	BEST	48 Living Unrelated
ZIPCODE	Char	5	\$	Zip Code of Facility

**WAITLIST\_KI: Transplant Waiting List (Kidney)**

Contains one record for each patient per waiting list event in the USRDS database who can also be identified on the kidney transplant waiting list maintained by UNOS.

Variable	Type	Length	Format	Comment
ABO	Char	3	\$BLOOD	Blood Type
ADATE	Num	8	MMDDYY	Activation Date
AGE_LISTING	Num	8		Age at Listing Time
BM_TX	Char	4		Previous Bone Marrow Transplant (0=False 1=True)
CAL_PRA	Num	8		Calculated PRA (since 12/5/2007)
CPRA	Num	8		Most Updated Current PRA in the UNet System
CREATIN	Num	8		Creatinine Clearance
CRET_MDT	Num	8	MMDDYY	Date Measured Creatinine Clearance became 20 or less
CTR_TY	Char	3	\$	Listing Center Type
DIALYSIS	Char	1	\$	On Dialysis
DOD	Num	8	MMDDYY	Date of Death
DONATION	Char	1	\$	Donated Vital Organ
EDATE	Num	8	MMDDYY	Listing Date
GFR	Num	8		GFR Score
GFR_DT	Num	8	MMDDYY	GFR Date
HGT	Num	8		Height in Centimeters
HISP	Char	1	\$PMETHN	Hispanic/Non-Hispanic
HL_FLG	Char	1		Additional Organs: Heart/Lung (0=False 1=True)
HR_FLG	Char	1		Additional Organs: Heart (0=False 1=True)
HR_TX	Char	4		Previous Heart Transplant (0=False 1=True)
IN_FLG	Char	1		Additional Organs: Intestines (0=False 1=True)
IN_TX	Char	4		Previous Intestine Transplant (0=False 1=True)
INACT_REASON_CD	Num	8	INACTRSN	Reason for Inactive Status
INIDIADT	Num	8	MMDDYY	Date Dialysis Initiated (if on dialysis)
ISOLATED_ORG	Char	1		KI/PA Isolated Organ Indicator(1=accept isolated KI/PA match)
KI_FLG	Char	1		Additional Organs: Kidney (0=False 1=True)
KI_TX	Char	4		Previous Kidney Transplant (0=False 1=True)
LI_FLG	Char	1		Additional Organs: Liver (0=False 1=True)
LL_TX	Char	4		Previous Liver Transplant (0=False 1=True)
LU_FLG	Char	1		Additional Organs: Lung (0=False 1=True)
LU_TX	Char	4		Previous Lung Transplan (0=False 1=True)
ON_EXPAND_DONOR	Char	1		Accept Local Expanded Criteria Donor (ECD) Kidney
ON_IEXPAND_DONOR	Char	1		Accept Imported Expanded Criteria Donor (ECD) Kidney
ORG_TYP	Char	4	\$ORGTP	Waitlist Organ
PA_FLG	Char	1		Additional Organs: Pancreas (0=False 1=True)
PA_TX	Char	4		Previous Pancreas Transplant (0=False 1=True)
PI_FLG	Char	1		Additional Organs: Pancreas Islets (0=False 1=True)
PI_TX	Char	4		Previous Pancreas Islet Transplant (0=False 1=True)
PID	Num	8		Patient ID For Current Year Waitlist File Assigned By USRDS
PPRA	Num	8		Most Updated Peak PRA in the UNet System
PREVTX	Char	4		Number of Previous Organ Transplants
PROVUSRD	Num	8	BEST	USRDS Listing Center Facility ID
PX_ID	Num	8		Patient Registration ID #
RA1	Num	8		A Antigen
RA2	Num	8		A Antigen
RACE	Char	1	\$RACEFMT	Race
RB1	Num	8		B Antigen
RB2	Num	8		B Antigen
RDR1	Num	8		DR Antigen
RDR2	Num	8		DR Antigen
RDR51	Num	8		DR51
RDR52	Num	8		DR52
RDR53	Num	8		DR53
REMCODE	Num	8	REMCDD	Removal Code
REMDATE	Num	8	MMDDYY	Removal Date
SEX	Char	1	\$SEXFMT	Gender
TDATE	Num	8	MMDDYY	Transplant Date
TRR_ID	Num	8		Transplant Recipient Registration Primary Record Key
UAC_A	Char	150		Unacceptable A Antigens
UAC_B	Char	150		Unacceptable B Antigens
UAC_BW	Char	150		Unacceptable BW Antigens
UAC_DR	Char	150		Unacceptable DR Antigens

**WAITLIST\_KI: Transplant Waiting List (Kidney) (continued)**

Contains one record for each patient per waiting list event in the USRDS database who can also be identified on the kidney transplant waiting list maintained by UNOS.

Variable	Type	Length	Format	Comment
UNACCEPT	Char	1		Unacceptables Antigens Listed
UNOSSDT	Num	8	MMDDYY	Candidate Status Code Date
UNOSSTAT	Char	4	\$CANDSTA	Candidate Status Code
USE_PRA	Char	1	\$	Which PRA to use for Allocation Points (C=Current P=Peak)
USRDS_ID	Num	8	BEST	USRDS Patient ID
WAIT_STAT	Char	1		Waitlist Status (A=Active R=Removed)
WGT	Num	8		Weight in Kilograms
WL_ID	Num	8	F	Waitlist Registration ID #



**WAITLIST\_KP: Transplant Waiting List (Kidney/Pancreas)**

Contains one record for each patient per waiting list event in the USRDS database who can also be identified on the kidney transplant waiting list maintained by UNOS.

Variable	Type	Length	Format	Comment
ABO	Char	3	\$BLOOD	Blood Type
ADATE	Num	8	MMDDYY	Activation Date
AGE_LISTING	Num	8		Age at Listing Time
BM_TX	Char	4		Previous Bone Marrow Transplant (0=False 1=True)
CAL_PRA	Num	8		Calculated PRA (since 12/5/2007)
CPRA	Num	8		Most Updated Current PRA in the UNet System
CREATIN	Num	8		Creatinine Clearance
CRET_MDT	Num	8	MMDDYY	Date Measured Creatinine Clearance became 20 or less
CTR_TY	Char	3	\$	Listing Center Type
DIALYSIS	Char	1	\$	On Dialysis
DOD	Num	8	MMDDYY	Date of Death
DONATION	Char	1	\$	Donated Vital Organ
EDATE	Num	8	MMDDYY	Listing Date
GFR	Num	8		GFR Score
GFR_DT	Num	8	MMDDYY	GFR Date
HGT	Num	8		Height in Centimeters
HISP	Char	1	\$PMETHN	Hispanic/Non-Hispanic
HL_FLG	Char	1		Additional Organs: Heart/Lung (0=False 1=True)
HR_FLG	Char	1		Additional Organs: Heart (0=False 1=True)
HR_TX	Char	4		Previous Heart Transplant (0=False 1=True)
IN_FLG	Char	1		Additional Organs: Intestines (0=False 1=True)
IN_TX	Char	4		Previous Intestine Transplant (0=False 1=True)
INACT_REASON_CD	Num	8	INACTRSN	Reason for Inactive Status
INIDIADT	Num	8	MMDDYY	Date Dialysis Initiated (if on dialysis)
ISOLATED_ORG	Char	1		KI/PA Isolated Organ Indicator(1=accept isolated KI/PA match)
KI_FLG	Char	1		Additional Organs: Kidney (0=False 1=True)
KI_TX	Char	4		Previous Kidney Transplant (0=False 1=True)
LI_FLG	Char	1		Additional Organs: Liver (0=False 1=True)
LI_TX	Char	4		Previous Liver Transplant (0=False 1=True)
LU_FLG	Char	1		Additional Organs: Lung (0=False 1=True)
LU_TX	Char	4		Previous Lung Transplan (0=False 1=True)
ON_EXPAND_DONOR	Char	1		Accept Local Expanded Criteria Donor (ECD) Kidney
ON_IEXPAND_DONOR	Char	1		Accept Imported Expanded Criteria Donor (ECD) Kidney
ORG_TYP	Char	4	\$ORGRP	Waitlist Organ
PA_FLG	Char	1		Additional Organs: Pancreas (0=False 1=True)
PA_TX	Char	4		Previous Pancreas Transplant (0=False 1=True)
PI_FLG	Char	1		Additional Organs: Pancreas Islets (0=False 1=True)
PI_TX	Char	4		Previous Pancreas Islet Transplant (0=False 1=True)
PID	Num	8		Patient ID For Current Year Waitlist File Assigned By USRDS
PPRA	Num	8		Most Updated Peak PRA in the UNet System
PREVTX	Char	4		Number of Previous Organ Transplants
PROVUSRD	Num	8	BEST	USRDS Listing Center Facility ID
PX_ID	Num	8		Patient Registration ID #
RA1	Num	8		A Antigen
RA2	Num	8		A Antigen
RACE	Char	1	\$RACEFMT	Race
RB1	Num	8		B Antigen
RB2	Num	8		B Antigen
RDR1	Num	8		DR Antigen
RDR2	Num	8		DR Antigen
RDR51	Num	8		DR51
RDR52	Num	8		DR52
RDR53	Num	8		DR53
REMCODE	Num	8	REMCDD	Removal Code
REMDATE	Num	8	MMDDYY	Removal Date
SEX	Char	1	\$SEXFMT	Gender
TDATE	Num	8	MMDDYY	Transplant Date
TRR_ID	Num	8		Transplant Recipient Registration Primary Record Key
UAC_A	Char	150		Unacceptable A Antigens
UAC_B	Char	150		Unacceptable B Antigens
UAC_BW	Char	150		Unacceptable BW Antigens
UAC_DR	Char	150		Unacceptable DR Antigens

**WAITLIST\_KP: Transplant Waiting List (Kidney/Pancreas) (continued)**

Contains one record for each patient per waiting list event in the USRDS database who can also be identified on the kidney transplant waiting list maintained by UNOS.

Variable	Type	Length	Format	Comment
UNACCEPT	Char	1		Unacceptables Antigens Listed
UNOSSDT	Num	8	MMDDYY	Candidate Status Code Date
UNOSSSTAT	Char	4	\$CANDSTA	Candidate Status Code
USE_PRA	Char	1	\$	Which PRA to use for Allocation Points (C=Current P=Peak)
USRDS_ID	Num	8	BEST	USRDS Patient ID
WAIT_STAT	Char	1		Waitlist Status (A=Active R=Removed)
WGT	Num	8		Weight in Kilograms
WL_ID	Num	8	F	Waitlist Registration ID #

**WAITSEQ\_KI: Transplant Waiting List Sequence (Kidney)**

A condensed kidney transplant waiting list date sequence file, center-specific and containing beginning and ending dates for each patient at each transplant center where patients are registered on the waiting list. Investigators who wish to investigate the raw UNOS kidney waiting list file should refer to WAITLIST\_KI. Also refer to Transplant Process and Outcomes, for a more detailed description of these files.

Variable	Type	Length	Format	Comment
BEGIN	Num	8	MMDDYY	A New Waiting Period Starting Date
ENDING	Num	8	MMDDYY	A New Waiting Period Ending Date
PID	Num	8		Patient ID For Current Year Waitlist File Assigned By USRDS
PROVUSRD	Num	8	BEST	Listing Center Facility ID Assigned By USRDS
USRDS_ID	Num	8	BEST	Universal Patient ID Assigned By USRDS

**WAITSEQ\_KP: Transplant Waiting List Sequence (Kidney/Pancreas)**

A condensed kidney/pancreas transplant waiting list date sequence file, center-specific and containing beginning and ending dates for each patient at each transplant center where patients are registered on the waiting list. Investigators who wish to investigate the raw UNOS kidney/pancreas waiting list file should refer to WAITLIST\_KP. Also refer to Transplant Process and Outcomes, for a more detailed description of these files.

Variable	Type	Length	Format	Comment
BEGIN	Num	8	MMDDYY	A New Waiting Period Starting Date
ENDING	Num	8	MMDDYY	A New Waiting Period Ending Date
PID	Num	8		Patient ID For Current Year Waitlist File Assigned By USRDS
PROVUSRD	Num	8	BEST	Listing Center Facility ID Assigned By USRDS
USRDS_ID	Num	8	BEST	Universal Patient ID Assigned By USRDS

### CORE CD-3

#### *RXHIST: Detailed Treatment History*

*Also called the Modality Sequence file; contains a new record for each patient at each change in treatment modality or dialysis provider.*

Variable	Type	Length	Format	Comment
BEGDATE	Num	8	MMDDYY	Start date of this period
BEGDAY	Num	4		Start day of this period (start ESRD=1)
ENDDATE	Num	8	MMDDYY	End date of this period
ENDDAY	Num	4		End day of this period (start ESRD=1)
PROVUSRD	Num	8	BEST	USRDS Assigned Facility ID
RXDETAIL	Char	2	\$RXCATDT	Treatment modality this period (detail)
RXGROUP	Char	1	\$RXCATGP	Treatment modality (training recoded)
USRDS_ID	Num	8	BEST	USRDS_ID

**ADEQUACY: Case Mix Adequacy Special Study**

Contains the Case Mix Adequacy Special Study file and extracts data from all other SAFs for the patients in this study. All data on Medicare and payments for these patients are followed to the currently reported claims year. Along with analyses related to the study itself, this file is useful for developing analyses that will alter and be run on the full Medicare payment files.

Variable	Type	Length	Format	Comment
ABS_PULS	Char	1	\$YESNO	AQP B 4c: Absent foot pulses
ACCESS1	Char	1	\$VASCfmt	AQP C 5h: Vascular access (1)
ACCESS2	Char	1	\$VASCfmt	AQP C 5h: Vascular access (2)
AFT_WTKG	Num	8	BEST	AQP C 2: Dry weight - kilograms
AFT_WTLB	Num	8	BEST	AQP C 2: Dry weight - pounds
AGE	Num	8		Age at Study Start Date
AIDS	Char	1	\$AIDSfmt	AQP B12: Diagnosed with AIDS?
ALONE	Char	1	\$LIVfmt	AQP C 9: Living alone
AMPUTATA	Char	1	\$SUSPCT	AQP B 4b: Amputation due to PVD
AN_GRABN	Char	1	\$YESNO	AQP B 2e: Angiography abnormal?
ANGINA	Char	1	\$SUSPCT	AQP B 2b: Angina
ANGIOGRA	Char	1	\$YESNO	AQP B 2e: Coronary angiography
ANGIOPLA	Char	1	\$YESNO	AQP B 2d: Coronary angioplasty
ARRHYTHM	Char	1	\$SUSPCT	AQP B 5e: Arrhythmia
ARTERLO	Char	1	\$YESNO	AQP B 4e: Arteriography
ASTHMA	Char	1	\$SUSPCT	AQP B 8b: Asthma
ATR_FIBR	Char	1	\$SUSPCT	AQP B 5d: Atrial fibrillation
BFR	Num	8	BEST	AQP C 5f: Blood flow rate
BILIRUB	Num	8	BEST	AQP D 3: Bilirubin total
BLUECROS	Char	1	\$	AQP A12a: Blue Cross
BUN1	Num	8	DATE	AQP D12: Date of BUN 1
BUN2	Num	8	DATE	AQP D12: Date of BUN 2
BUN3	Num	8	DATE	AQP D12: Date of BUN 3
BUN4	Num	8	DATE	AQP D12: Date of BUN 4
BUN5	Num	8	DATE	AQP D12: Date of BUN 5
BUN6	Num	8	DATE	AQP D12: Date of BUN 6
BUN_O1	Num	8	BEST	AQP D15: PRE BUN one month after onset
BUN_O2	Num	8	BEST	AQP D15: POST BUN one month after onset
BUN_O3	Num	8	BEST	AQP D15: PRE* BUN one month after onset
CABG	Char	1	\$YESNO	AQP B 2c: Bypass Surgery
CARDARR	Char	1	\$YESNO	AQP B 2f: Cardiac arrest
CEREBROV	Char	1	\$SUSPCT	AQP B 3a: Cerebrovascular Accident
CHD_CAD	Char	1	\$SUSPCT	AQP B 2a: Prior Dx of CHD/CAD
CHOLEST	Num	8	BEST	AQP D 5a: Cholesterol
CIRRHOS	Char	1	\$SUSPCT	AQP B10b: Cirrhosis
CLAUDIC	Char	1	\$YESNO	AQP B 4d: Claudication
COMPDATE	Num	8	DATE	AQP A 3: Date of Completion
CONG_HRT	Char	1	\$SUSPCT	AQP B 5a: Congestive heart failure
COPD	Char	1	\$SUSPCT	AQP B 8a: Chronic obst pulm disease
CREAT1	Num	8	BEST	AQP D10: Serum Creatinine, predialysis
DIAB_RET	Char	1	\$SUSPCT	AQP B 7d: Diabetic retinopathy
DIALYSAT	Char	1	\$DISATE	AQP C 5a: Dialysate
DIALYZER	Char	3	\$	AQP C 5g: Dialyzer type
DUR_DIAB	Char	2	\$	AQP B 7b: Duration of Diabetes (years)
DUR_HYPR	Char	2	\$	AQP B 6b: Duration hypertension (years)
DX_DIAB	Char	1	\$SUSPCT	AQP B 7: Prior Dx of Diabetes
EARLDIAL	Num	8	DATE	AQP A10b: Date earliest Dialysis
ECHOCARD	Char	1	\$YESNO	AQP D2b: LVH by echocardiography
EDUCAT	Char	1	\$EDUC	AQP C12: Education
EKG	Char	1	\$YESNO	AQP D2a: LVH by EKG
EPO	Char	1	\$YESNO	AQP D 9: Taking EPO at SSD
ETHNIC	Char	1	\$ETHfmt	AQP A13: Ethnicity (Hispanic or not)
EVREMPV	Char	1	\$EMPLOY	AQP C11a: Highest emp level EVER
FID	Char	6	\$	AQP Pg1: Unique Form ID
FIRSDIAL	Num	8	DATE	AQP A10a: Date First Dialysis
HBSAG	Char	1	\$HBSAG	AQP D 4: HBsAG
HEMATO	Num	8	BEST	AQP D 8: Hematocrit
HEMO_HRS	Num	8	BEST	HEMO_HRS
HEMO_MIN	Num	8	BEST	AQP C 5b: Prescribed mins. per treatment
HEPATIT	Char	1	\$SUSPCT	AQP B10a: Hepatitis
HHEMO	Num	8	DATE	AQP E3: Date of switch to home hemo

**ADEQUACY: Case Mix Adequacy Special Study (continued)**

Variable	Type	Length	Format	Comment
HIV	Char	1	\$HIVFMT	AQP B11: HIV Status
HOUSMEMB	Num	8	BEST	AQP C10: Household members
HT_CM	Num	8	BEST	AQP C 1: Height - cm.
HT_FT	Num	8	BEST	HT_FT
HT_IN	Num	8	BEST	HT_IN
HX_HYPER	Char	1	\$\$SUSPCT	AQP B 6: History of hypertension
IND_AMBU	Char	1	\$YESNO	AQP C 7c: Independent Ambulating
IND_EAT	Char	1	\$YESNO	AQP C 7a: Independent eating
IND_XFER	Char	1	\$YESNO	AQP C 7b: Independent transferring
INSSD	Num	8	DATE	AQP A11: SSD per instructions
INSULIN	Char	1	\$INSLFMT	AQP B 7e: Insulin therapy ever
LASTDI	Num	8	DATE	AQP E7: Date of last known dialysis
LSTFU	Num	8	DATE	AQP E6: Date lost to Follow-up
MAR_STAT	Char	1	\$MARSTAT	AQP C 8: Marital status
MEDICAID	Char	1	\$	AQP A12c: Medicaid
MEDICARE	Char	1	\$	AQP A12b: Medicare
METASTAS	Char	1	\$YESNO	AQP B 9c: Known metastases
MI	Char	1	\$YESNO	AQP B 2g: Myocardial infarction
MIDATE	Char	4	\$	AQP B 2g: Date of last MI
NEO_DATE	Char	4	\$	AQP B 9b: Date of first neoplasm Dx
NEO_TYPE	Char	20	\$	AQP B 9a: Neoplasm primary site/type
NEOPLASM	Char	1	\$\$SUSPCT	AQP B 9: Neoplasms
NEWID	Char	6	\$	AQP Pg1: Numeric portion of FID
NO_INS	Char	1	\$	AQP A12g: No insurance
NUMTRANS	Num	8	BEST	AQP D 8b: Number of Trans received
NUT_STAT	Char	1	\$NUTFMT	AQP C 3: Nutritional Status
OCCUPAT	Char	1	\$OCCUP	AQP C13: Occupation level before ESRD
OTH_INS	Char	1	\$	AQP A12f: Other insurance
OXYGEN	Char	1	\$\$SUSPCT	AQP B 8c: Home oxygen prescribed
PERICARD	Char	1	\$\$SUSPCT	AQP B 5c: Pericarditis
PERIDATE	Char	4	\$\$SUSPCT	AQP B 5c: date Periarditis diagnosis
PERIDIA	Num	8	DATE	AQP E2: Date of switch to PD
PHOSPH	Num	8	BEST	AQP D 7: Serum phosphorous
POSTBUN1	Num	8	BEST	AQP D12: BUN postdialysis (1)
POSTBUN2	Num	8	BEST	AQP D12: BUN postdialysis (2)
POSTBUN3	Num	8	BEST	AQP D12: BUN postdialysis (3)
POSTBUN4	Num	8	BEST	AQP D12: BUN postdialysis (4)
POSTBUN5	Num	8	BEST	AQP D12: BUN postdialysis (5)
POSTBUN6	Num	8	BEST	AQP D12: BUN postdialysis (6)
POSTWT_1	Num	8	BEST	AQP D12: Weight postdialysis (1)
POSTWT_2	Num	8	BEST	AQP D12: Weight postdialysis (2)
POSTWT_3	Num	8	BEST	AQP D12: Weight postdialysis (3)
POSTWT_4	Num	8	BEST	AQP D12: Weight postdialysis (4)
POSTWT_5	Num	8	BEST	AQP D12: Weight postdialysis (5)
POSTWT_6	Num	8	BEST	AQP D12: Weight postdialysis (6)
PRE_DBP	Num	8	BEST	AQP C 4a: DBP at SSD / predialysis
PRE_SBP	Num	8	BEST	AQP C 4a: SBP at SSD / predialysis
PREBUN1A	Num	8	BEST	AQP D12: Second BUN predialysis (1)
PREBUN2A	Num	8	BEST	AQP D12: Second BUN predialysis (2)
PREBUN3A	Num	8	BEST	AQP D12: Second BUN predialysis (3)
PREBUN4A	Num	8	BEST	AQP D12: Second BUN predialysis (4)
PREBUN5A	Num	8	BEST	AQP D12: Second BUN predialysis (5)
PREBUN6A	Num	8	BEST	AQP D12: Second BUN predialysis (6)
PREBUN_1	Num	8	BEST	AQP D12: First BUN predialysis (1)
PREBUN_2	Num	8	BEST	AQP D12: First BUN predialysis (2)
PREBUN_3	Num	8	BEST	AQP D12: First BUN predialysis (3)
PREBUN_4	Num	8	BEST	AQP D12: First BUN predialysis (4)
PREBUN_5	Num	8	BEST	AQP D12: First BUN predialysis (5)
PREBUN_6	Num	8	BEST	AQP D12: First BUN predialysis (6)
PREWT_1	Num	8	BEST	AQP D12: First Weight predialysis (1)
PREWT_2	Num	8	BEST	AQP D12: First Weight predialysis (2)
PREWT_3	Num	8	BEST	AQP D12: First Weight predialysis (3)
PREWT_4	Num	8	BEST	AQP D12: First Weight predialysis (4)
PREWT_5	Num	8	BEST	AQP D12: First Weight predialysis (5)

**ADEQUACY: Case Mix Adequacy Special Study (continued)**

Variable	Type	Length	Format	Comment
PREWT_6	Num	8	BEST	AQP D12: First Weight predialysis (6)
PREWT_1A	Num	8	BEST	AQP D12: Second Weight predialysis (1)
PREWT_2A	Num	8	BEST	AQP D12: Second Weight predialysis (2)
PREWT_3A	Num	8	BEST	AQP D12: Second Weight predialysis (3)
PREWT_4A	Num	8	BEST	AQP D12: Second Weight predialysis (4)
PREWT_5A	Num	8	BEST	AQP D12: Second Weight predialysis (5)
PREWT_6A	Num	8	BEST	AQP D12: Second Weight predialysis (6)
PRIVATE	Char	1	\$	AQP A12d: Private
PST_DBP	Num	8	BEST	AQP C 4b: DBP at SSD / postdialysis
PST_SBP	Num	8	BEST	AQP C 4b: SBP at SSD / postdialysis
PSYCH_EV	Num	8	DATE	AQP C 6: Date Pyscho-social evaluation
PULM_EDE	Char	1	\$SUSPCT	AQP B 5b: Pulmonary edema
PVD	Char	1	\$SUSPCT	AQP B 4a: Peripheral Vascular Disease
RECOVER	Num	8	DATE	AQP E5: Date of Recov Renal Function
REUSE	Char	1	\$YESNO	AQP C 5d: Reuse of dialyzer
S_DIED	Num	8	DATE	AQP E4: Date of Death
S_NETWK	Char	2	\$NETFMT	AQP A 1: Network
S_SEX	Char	1	\$GENDFMT	AQP A 4: Patients sex
S_TDATE	Num	8	DATE	AQP E1: Transplant Date
SER_ALBU	Num	8	BEST	AQP D11: Serum Albumin
SESSIONS	Num	8	BEST	AQP C 5c: No. sessions per week
SHRTDIAL	Char	2	\$	AQP D13: No. of treat short by 10min
SKIPDIAL	Char	2	\$	AQP D14: No. of treat skipped
SMOKING	Char	1	\$SMOKFMT	AQP B 1: Smoking status
SSD	Num	8	DATE	AQP Pg1: Study Start Date
SSD2	Num	8	DATE	AQP Pg2: SSD page 2
SSD3	Num	8	DATE	AQP Pg3: SSD page 3
SSDEMPLV	Char	1	\$EMPLOY	AQP C11b: Emp level at SSD
SUGAR	Num	8	BEST	AQP D 6: Highest blood sugar
TIA	Char	1	\$SUSPCT	AQP B 3b: Transient ischeimc attacks
TRANS	Char	1	\$YESNO	AQP D 8a: Transfusion / 30 days of SSD
TRIGLY	Num	8	BEST	AQP D 5b: Triglycerides
TRT_HYP	Char	1	\$YESNO	AQP B 6c: Hypertension at time of SSD
TYP_DIAB	Char	1	\$TYPDIAB	AQP B 7c: Type of diabetic
TYPE700	Char	10	\$	AQP C 5g: Specfic Code 700 dialyzer
UNITSKGS	Char	1	\$	AQP D12: Units of measurement-kilograms
UNITSLBS	Char	1	\$	AQP D12: Units of measurement-pounds
USRDS_ID	Num	8	BEST	USRDS patient ID number
USRDSPRO	Num	8	BEST	USRDS provider ID number
VA	Char	1	\$	AQP A12e: VA
WTLOSSKG	Num	8	BEST	AQP C 5e: Highest wt loss - kgs.
WTLOSSLB	Num	8	BEST	HIGHEST_WT_LOSS_IN_LB
XRAY	Char	1	\$YESNO	AQP D 1: Cardiomegaly by X-ray
YR_DIAB	Char	2	\$	AQP B 7a: Year of Dx of Diabetes
YR_HYPER	Char	2	\$	AQP B 6a: Year hypertension diagnosis

**ADQFACS: Case Mix Adequacy Special Study Facility**

Contains the Case Mix Adequacy Special Study file and extracts data from all other SAFs for the patients in this study. All data on Medicare and payments for these patients are followed to the currently reported claims year. Along with analyses related to the study itself, this file is useful for developing analyses that will alter and be run on the full Medicare payment files.

Variable	Type	Length	Format	Comment
ABSTINIT	Char	2	\$	AQF 2: Abstractor
BLEACH	Char	1	\$YN12FMT	AQF 7c1: Bleach Used
CHARCOAL	Char	1	\$YN12FMT	AQF 9b: Activated Charcoal Used
COMPDATE	Num	8	DATE	AQF 3: Date fac form compl
DEIONIZE	Char	1	\$YN12FMT	AQF 9d: Dionization Used
FORMALIN	Char	1	\$YN12FMT	AQF 7c2: Formalin Used
GLUTARAL	Char	1	\$YN12FMT	AQF 7c4: Glutaraldehyde Used
PROVUSRD	Num	8	BEST	USRDS provider ID number
RENALIN	Char	1	\$YN12FMT	AQF 7c3: Renalin Used
REUSETEC	Char	1	\$REU_TEC	AQF 7b: Reuse Technique
REVOSMOS	Char	1	\$YN12FMT	AQF 9c: Reverse Osmosis Used
S_NETWORK	Char	2	\$NETFMT	AQF 1: Network
SOFTENER	Char	1	\$YN12FMT	AQF 9a: Water Softener Used
STOPREUS	Num	8	DATE	AQF 7a: Date Reuse Stopped
STRTREUS	Num	8	DATE	AQF 7a: Date Reuse Started
TOPRESNT	Char	1	\$	AQF 7a: Reuse through to present
UKMODEL	Char	1	\$	AQF 6: Urea Kinetic Modeling
ULTRFILT	Char	1	\$YN12FMT	AQF 9e: Ultrafilter Used
UNITREUS	Char	1	\$	AQF 7: Reuse at Unit
WATERSRC	Char	1	\$WAT_SRC	AQF 8: Water Source 1:public 2:well

**CAPD: CAPD Peritonitis Special Study**

The USRDS CAPD and Peritonitis Rates Study examined the relationship of peritonitis episodes in CAPD patients to the connection device technology and other factors.

Variable	Type	Length	Format	Comment
AGE	Num	8		Age at Date completed
ANT_TUB	Char	1	\$YNUFMT	CAP 20c: TUBING ANTISEPTIC USED
ANT_TYP	Char	1	\$ANTISEP	CAP 20d: TYPE OF TUBING ANTISEPTIC USED
BRAND	Char	25	\$	CAP 20b: BRAND NAME OF FIRST TECHNIQUE
CAPHOME	Num	8		CAP 19: CAPD HOME METHOD
CATH_BY	Char	1	\$CATHBY	CAP 16: CATHETER PLACED BY
CATH_DAT	Num	8	MMDDYY	CAP 17b: CATHETER REMOVAL DATE
CATH_INS	Num	8	MMDDYY	CAP 13: CATHETER INSERTION DATE
CATH_PA	Char	1	\$YNUFMT	CAP 15b: PROPHYLACTIC ANTIBIOTICS USED
CATH_REM	Char	1	\$YNUFMT	CAP 17a: CATHETER REMOVED
CATH_TEC	Char	1	\$CATHTEC	CAP 15a: CATHETER INSERTION TECHNIQUE
CATH_TYP	Char	2	\$CATHFMT	CAP 14a: CATHETER TYPE USED
CCPHOME	Num	8		CCPD HOME METHOD
COMBINED	Num	8	BEST	NUMBER OF CAPD+CCPD PATIENTS AT UNIT
COMPDATE	Num	8	MMDDYY	CAP 4: Date completed
CPDISGRP	Num	8		CPDISGRP
CUFF	Char	1	\$CUFFFMT	CAP 14b: NUMBER AND FORM OF CUFFS
CUFF_PLC	Char	1	\$CUFFPLC	CAP 14c: DEEP CUFF PLACEMENT
ENDOBS	Char	1	\$CATHREM	CAP 21: CURRENT DATE IS END OF OBS. PERI
EPI1	Num	8	MMDDYY	CAP 24a1: 1ST EPISODE START DATE
EPI2	Num	8	MMDDYY	CAP 24a2: 2ND EPISODE START DATE
EPI3	Num	8	MMDDYY	CAP 24a3: 3RD EPISODE START DATE
EPI4	Num	8	MMDDYY	CAP 24a4: 4TH EPISODE START DATE
EPI5	Num	8	MMDDYY	CAP 24a5: 5TH EPISODE START DATE
EPI6	Num	8	MMDDYY	CAP 24a6: 6TH EPISODE START DATE
EPI1_DCR	Char	1	\$DCRFMT	CAP 24e1: 1ST EPISODE, DIALYSATE CULT RE
EPI1_EXT	Char	1	\$YNUFMT	CAP 24b1: 1ST EPISODE, EXIT/TUNNEL INFEC
EPI1_HSP	Char	1	\$HOSPFMT	CAP 24d1: 1ST EPISODE, HOSPITALIZATION
EPI1_LK	Char	1	\$YNUFMT	CAP 24c1: 1ST EPISODE, CATHETER LEAKAGE
EPI2_DCR	Char	1	\$DCRFMT	CAP 24e2: 2ND EPISODE, DIALYSATE CULT RE
EPI2_EXT	Char	1	\$YNUFMT	CAP 24b2: 2ND EPISODE, EXIT/TUNNEL INFEC
EPI2_HSP	Char	1	\$HOSPFMT	CAP 24d2: 2ND EPISODE, HOSPITALIZATION
EPI2_ID	Char	1	\$YNUFMT	CAP 24f2: 2ND EPISODE, CULT ORGANISM=LAS
EPI2_LK	Char	1	\$	CAP 24c2: 2ND EPISODE, CATHETER LEAKAGE
EPI3_DCR	Char	1	\$DCRFMT	CAP 24e3: 3RD EPISODE, DIALYSATE CULT RE
EPI3_EXT	Char	1	\$YNUFMT	CAP 24b3: 3RD EPISODE, EXIT/TUNNEL INFEC
EPI3_HSP	Char	1	\$HOSPFMT	CAP 24d3: 3RD EPISODE, HOSPITALIZATION
EPI3_ID	Char	1	\$YNUFMT	CAP 24f3: 3RD EPISODE, CULT ORGANISM=LAS
EPI3_LK	Char	1	\$YNUFMT	CAP 24c3: 3RD EPISODE, CATHETER LEAKAGE
EPI4_DCR	Char	1	\$DCRFMT	CAP 24e4: 4TH EPISODE, DIALYSATE CULT RE
EPI4_EXT	Char	1	\$YNUFMT	CAP 24b4: 4TH EPISODE, EXIT/TUNNEL INFEC
EPI4_HSP	Char	1	\$HOSPFMT	CAP 24d4: 4TH EPISODE, HOSPITALIZATION
EPI4_ID	Char	1	\$YNUFMT	CAP 24f4: 4TH EPISODE, CULT ORGANISM=LAS
EPI4_LK	Char	1	\$YNUFMT	CAP 24c4: 4TH EPISODE, CATHETER LEAKAGE
EPI5_DCR	Char	1	\$DCRFMT	CAP 24e5: 5TH EPISODE, DIALYSATE CULT RE
EPI5_EXT	Char	1	\$YNUFMT	CAP 24b5: 5TH EPISODE, EXIT/TUNNEL INFEC
EPI5_HSP	Char	1	\$HOSPFMT	CAP 24d5: 5TH EPISODE, HOSPITALIZATION
EPI5_ID	Char	1	\$YNUFMT	CAP 24f5: 5TH EPISODE, CULT ORGANISM=LAS
EPI5_LK	Char	1	\$YNUFMT	CAP 24c5: 5TH EPISODE, CATHETER LEAKAGE
EPI6_DCR	Char	1	\$DCRFMT	CAP 24e6: 6TH EPISODE, DIALYSATE CULT RE
EPI6_EXT	Char	1	\$YNUFMT	CAP 24b6: 6TH EPISODE, EXIT/TUNNEL INFEC
EPI6_HSP	Char	1	\$HOSPFMT	CAP 24d6: 6TH EPISODE, HOSPITALIZATION
EPI6_ID	Char	1	\$YNUFMT	CAP 24f6: 6TH EPISODE, CULT ORGANISM=LAS
EPI6_LK	Char	1	\$YNUFMT	CAP 24c6: 6TH EPISODE, CATHETER LEAKAGE
ETHNIC	Char	1	\$ETHFMT	CAP 10: Ethnicity (Hispanic or not)
FRST_MOD	Char	1	\$YNUFMT	CAP 11a: CAPD - FIRST CHOICE MODALITY
FRST_TEC	Char	2	\$TECFMT	CAP 19: FIRST TECHNIQUE USED AT HOME
IP	Char	1	\$YNUFMT	CAP 22: INTRAPERITONEAL DRUGS USED
MANU	Char	1	\$MANUFMT	CAP 20a: MANUFACTURER FOR FIRST TECHNIQU
NETWORK	Char	2	\$NETFMT	CAP 1: ESRD Network
NUM_EPI	Num	8	BEST	CAP 25: NUMBER OF PERITONITIS EPISODES
OTH_ANT	Char	25	\$	CAP 20d8: OTHER TUBING ANTISEPTIC USED

**CAPD: CAPD Peritonitis Special Study (continued)**



**CAPD: CAPD Peritonitis Special Study (continued)**

Variable	Type	Length	Format	Comment
OTH_CATH	Char	25	\$	CAP 14a88: OTHER CATHETER TYPE USED
OTH_DCR1	Char	25	\$	CAP 24e8a: OTHER DIALYSATE CULTURE RESUL
OTH_DCR2	Char	25	\$	CAP 24e8b: OTHER DIALYSATE CULTURE RESUL
OTH_DCR3	Char	25	\$	CAP 24e8c: OTHER DIALYSATE CULTURE RESUL
OTH_FRST	Char	25	\$	CAP 19 88: OTHER FIRST TECHNIQUE USED AT
OTH_MANU	Char	25	\$	CAP 20a8: OTHER MANUFACTURER FOR FIRST T
OTH_REM	Char	25	\$	CAP 17c8: OTHER REASON FOR CATHETER REMO
OTH_TEC	Char	25	\$	CAP 15a8: OTHER INSERTION TECHNIQUE
P_STAT	Char	2	\$PATSTAT	CAP 23: PATIENT STATUS FOLLOWING TECHNIQ
PREV_HEM	Char	1	\$HEMOFMT	CAP 11b: PREVIOUS CHRONIC HEMODIALYSIS
REM_EXT	Char	1	\$CATHREM	CAP 17c2: CATH REMVD DUE TO TUNNEL/EXIT
REM_LK	Char	1	\$CATHREM	CAP 17c3: CATHETER REMOVED DUE TO LEAKAG
REM_MM	Char	1	\$CATHREM	CAP 17c4: CATH REMVD DUE TO MECHANICAL M
REM_OTHR	Char	1	\$CATHREM	CAP 17c8: CATHETER REMOVED DUE TO OTHER
REM_PER	Char	1	\$CATHREM	CAP 17c1: CATHETER REMOVED DUE TO PERITO
REM_TR	Char	1	\$CATHREM	CAP 17c5: CATH REMOVED, TRANSFER TO OTHE
TOT_EPI	Num	8	BEST	CAP 25: TOTAL # OF EPISODE IF > 6
TRAN	Char	1	\$YNUFMT	CAP 12a: PRIOR RENAL TRANSPLANTATION
USRDS_ID	Num	8	BEST	USRDS patient ID

**CASEMIXS: Case Mix Severity Special Study**

The study consists of two groups of patients: an incident sample of ESRD patients who began hemodialysis during 1990, and a prevalent sample of hemodialysis patients with onset of ESRD prior to 1990.

Variable Name	Type	Length	Format	Comment
ABS_PULS	Char	1	\$YNFMT	CMP B 4c: Absent foot pulses
ACCESS1	Char	1	\$ACCFMT	CMP C 8h1: Hemo - Vascular access (1)
ACCESS2	Char	1	\$ACCFMT	CMP C 8h2: Hemo - Vascular access (2)
AFT_DBP	Num	8	BEST	CMP C 5b: DBP after first dialysis
AFT_SBP	Num	8	BEST	CMP C 5b: SBP after first dialysis
AFT_WTKG	Num	8	BEST	CMP C 3b: Weight - kg. after first dialy
AGE	Num	8		Age at Date completed
ALONE	Char	1	\$ALONE	CMP C14: Living alone
AMPUTATA	Char	1	\$YNSFMT	CMP B 4b: Amputation due to PVD
AN_GRABN	Char	1	\$YNFMT	CMP B 2e: Coronary angiography abnormal?
AN_GRDAT	Char	4	\$	CMP B 2e: Coronary angiography date(mmyy)
AN_PLDAT	Char	4	\$	CMP B 2d: Coronary angioplasty date(mmyy)
ANGINA	Char	1	\$YNSFMT	CMP B 2b: Angina
ANGIOGRA	Char	1	\$YNFMT	CMP B 2e: Coronary angiography
ANGIOPLA	Char	1	\$YNFMT	CMP B 2d: Coronary angioplasty
ARRHYTHM	Char	1	\$YNFMT	CMP B 5d: Arrhythmia
ARTERLO	Char	1	\$YNFMT	CMP B 4e: Arteriography
ASTHMA	Char	1	\$YNFMT	CMP B 8b: Asthma
ATR_FIBR	Char	1	\$YNFMT	CMP B 5e: Atrial fibrillation
BFR	Num	8	BEST	CMP C 8f: Hemo - blood flow rate
BILIRUB	Num	8	BEST	CMP D3 1: Bilirubin total
BLUECROS	Char	1	\$YNFMT	CMP A11a: Blue Cross
BUN_AFT	Num	8	BEST	CMP D3 7b: BUN - post dialysis treatment
BUN_PRE	Num	8	BEST	CMP D3 7a: BUN - predialysis treatment
CABG	Char	1	\$YNFMT	CMP B 2c: Bypass surgery
CABGDATE	Char	4	\$	CMP B 2c: Bypass surgery date(mmyy)
CARDARR	Char	1	\$YNFMT	CMP B 2f: Cardiac arrest
CEREBROV	Char	1	\$YNSFMT	CMP B 3a: Cerebrovascular Accident
CHD_CAD	Char	1	\$YNSFMT	CMP B 2a: Prior Dx of CHD/CAD
CHOLEST	Num	8	BEST	CMP D3 3a: Cholesterol
CIRRHOS	Char	1	\$YNFMT	CMP B10b: Cirrhosis
CLAUDIC	Char	1	\$YNFMT	CMP B 4d: Claudication
COMPDATE	Num	8	DATE	CMP A 3: Date completed
CONG_HRT	Char	1	\$YNFMT	CMP B 5a: Congestive heart failure
COPD	Char	1	\$YNFMT	CMP B 8a: Chronic obstructive pulm. dis.
CRE_DATE	Char	4	\$	CMP D1 1: Serum Creatinine date
CREAT1	Num	8	BEST	CMP D1 1: Serum Creat 1-12mo pre CMD
CREAT2	Num	8	BEST	CMP D1 2a: Serum Creat first CMD
CREAT3	Num	8	BEST	CMP D1 2b: Serum Creat after first CMD
CREAT4	Num	8	BEST	CMP D1 3: High Serum Creat before onset
CREAT5	Num	8	BEST	CMP D1 4: High Serum Creat 1st month
CREAT6	Num	8	BEST	CMP D1 5: Serum Creat 2-6 weeks
DIAB_RET	Char	1	\$YNFMT	CMP B 7d: Diabetic retinopathy
DIALYZER	Char	3	\$	CMP C 8g: Hemo - Dialyzer type
DIS_1	Char	30	\$	CMP B11 1: Major diagnosis - Description
DIS_2	Char	30	\$	CMP B11 2: Major diagnosis - Description
DIS_3	Char	30	\$	CMP B11 3: Major diagnosis - Description
DIS_4	Char	30	\$	CMP B11 4: Major diagnosis - Description
DIS_5	Char	30	\$	CMP B11 5: Major diagnosis - Description
DIS_6	Char	30	\$	CMP B11 6: Major diagnosis - Description
DONORSRC	Char	1	\$DNRTYP	CMP C10b: Donor source
DUR_DIAB	Num	8	BEST	CMP B 7b: Duration of Diabetes (years)
DX_DIAB	Char	1	\$YNFMT	CMP B 7: Prior Dx of Diabetes
EARLDIAL	Num	8	DATE	CMP A10b: Date Earliest Chronic Dialysis
ECHOCARD	Char	1	\$YNFMT	CMP D2 2b: Left vent hypertrophy echoca
EDUCAT	Char	1	\$EDLEV	CMP C17: Education
EKG	Char	1	\$YNFMT	CMP D2 2a: Left vent hypertrophy by EKG
EXCH_DAY	Num	8	BEST	CMP C 9c: Peri - exchanges per treatment
EXCH_LIT	Num	8	BEST	CMP C 9d: Peri - liters per exchange
FIRSDIAL	Num	8	DATE	CMP A10a: Date First Chronic Dialysis
HBSAG	Char	1	\$POSFMT	CMP D3 2: HBsAG
HEMATO	Num	8	BEST	CMP D3 6: Hematocrit

**CASEMIXS: Case Mix Severity Special Study (continued)**

Variable	Type	Length	Format	Comment
HEMO_LOC	Char	1	\$HEMOFMT	CMP C 8a: Hemo - dialysis location
HEMO_MIN	Num	8	BEST	CMP C 8b: Hemo - Usual min. per treatment
HEPATIT	Char	1	\$YNFMT	CMP B10a: Hepatitis
HOUSMEMB	Num	8	BEST	CMP C15: Household members
HT_CM	Num	8	BEST	CMP C 1: Height - cm.
HX_HYPER	Char	1	\$YNFMT	CMP B 6: History of hypertension
ICD9_1	Char	5	\$	CMP B11 1: Major diagnosis - ICD9 code
ICD9_2	Char	5	\$	CMP B11 2: Major diagnosis - ICD9 code
ICD9_3	Char	5	\$	CMP B11 3: Major diagnosis - ICD9 code
ICD9_4	Char	5	\$	CMP B11 4: Major diagnosis - ICD9 code
ICD9_5	Char	5	\$	CMP B11 5: Major diagnosis - ICD9 code
ICD9_6	Char	5	\$	CMP B11 6: Major diagnosis - ICD9 code
IND_AMBU	Char	1	\$YNFMT	CMP C12c: Independent Ambulating
IND_EAT	Char	1	\$YNFMT	CMP C12a: Independent eating
IND_XFER	Char	1	\$YNFMT	CMP C12b: Independent transferring
INSULIN	Char	1	\$INSUFMT	CMP B 7e: Insulin therapy ever
MAR_STAT	Char	1	\$MARST	CMP C13: Marital status
MEDICAID	Char	1	\$YNFMT	CMP A11c: Medicaid
MEDICARE	Char	1	\$YNFMT	CMP A11b: Medicare
METASTAS	Char	1	\$YNFMT	CMP B 9c: Known metastases
MI	Char	1	\$YNFMT	CMP B 2g: Myocardial infarction
MIDATE	Char	4	\$	CMP B 2g: Myocardial infarction last date
NEO_DATE	Char	4	\$	CMP B 9b: Date(mmyy) of first neoplasm D
NEO_TYPE	Char	20	\$	CMP B 9a: Neoplasm primary site/type
NEOPLASM	Char	1	\$YNFMT	CMP B 9: Neoplasms
NO_INS	Char	1	\$YNFMT	CMP A11g: No insurance
NUT_STAT	Char	1	\$NUTFMT	CMP C 4: Nutritional Status
OCCUPAT	Char	1	\$OCCLEV	CMP C18: Occupation level before ESRD
ONSEMPLV	Char	1	\$EMPLEV	CMP C16b: Employment level at onset of E
OTH_INS	Char	1	\$YNFMT	CMP A11f: Other insurance
OXYGEN	Char	1	\$YNFMT	CMP B 8c: Home oxygen prescribed
PAT_STAT	Char	1	\$PATSTAT	CMP C 6: Patient status at one month
PERI_LOC	Char	1	\$PERILOC	CMP C 9a: Peri - dialysis location
PERI_TYP	Char	1	\$PERITYP	CMP C 9b: Peri - dialysis type
PERICARD	Char	1	\$YNFMT	CMP B 5c: Pericarditis
PHOSPH	Num	8	BEST	CMP D3 5: Serum phosphorous
PR_HYPER	Char	1	\$YNFMT	CMP B 6a: Hypertension treated pre ESRD
PRI_DBP	Num	8	BEST	CMP C 5a: DBP at first dialysis/predialy
PRI_SBP	Num	8	BEST	CMP C 5a: SBP at first dialysis/predialy
PRI_WTKG	Num	8	BEST	CMP C 2: Weight - kg. before first dialy
PRIEMPLV	Char	1	\$EMPLEV	CMP C16a: Highest emp level one yr prior
PRIVATE	Char	1	\$YNFMT	CMP A11d: Private
PROVUSRD	Num	8	BEST	USRDS assigned facility ID
PSYCH_EV	Num	8	DATE	CMP C11: Date of psychosocial evaluation
PULM_EDE	Char	1	\$YNFMT	CMP B 5b: Pulmonary edema
PVD	Char	1	\$YNSFMT	CMP B 4a: Peripheral Vascular Disease
REUSE	Char	1	\$YNFMT	CMP C 8d: Hemo - reuse of dialyzer
S_DIED	Num	8	DATE	CMP C 7: Date of death
S_NETWORK	Char	2	\$NETFMT	CMP A 1: ESRD Network
S_TDATE	Num	8	DATE	CMP C10a: Date of transplant
SER_ALBU	Num	8	BEST	CMP D3 8: Serum albumin
SESSIONS	Num	8	BEST	CMP C 8c: Hemo - No. sessions per week
SI_HYPER	Char	1	\$YNFMT	CMP B 6b: Hypertension treated since ESR
SMOKING	Char	1	\$SMOKFMT	CMP B 1: Smoking Status
SUGAR	Num	8	BEST	CMP D3 4: Highest blood sugar
TIA	Char	1	\$YNSFMT	CMP B 3b: Transient ischemic attacks
TRIGLY	Num	8	BEST	CMP D3 3b: Triglycerides
TRMT_DAY	Num	8	BEST	CMP C 9e: Peri - treatment days per week
TYP_DIAB	Char	1	\$DIABFMT	CMP B 7c: Type of diabetic
TYPE300	Char	10	\$	CMP C 8g: Hemo - Specific Code 300 dialyz
USRDS_ID	Num	8	BEST	USRDS assigned patient ID
VA	Char	1	\$YNFMT	CMP A11e: VA
WTLOSSKG	Num	8	BEST	CMP C 8e: Hemo - highest wt loss - kgs.
XRAY	Char	1	\$YNFMT	CMP D2 1: Cardiomegaly by X-ray
YR_DIAB	Char	2	\$	CMP B 7a: Year of Dx of Diabetes

**CLMCODES: Claim Codes**

Frequency of occurrence of each code. A starting point for analyses using diagnosis and procedure codes.

Variable	Type	Length	Format	Comment
_FREQ_	Num	8		Number of occurrences
CDTYPE	Char	1	\$CDTYPE	Code type
CODE	Char	5		Code value
CODELAB	Char	100		Label for code
INTEREST	Char	1		
PART_AB	Char	2	\$PARTAB _	Claim type
SPCD	Char	6		Code type + value

**CMSFACS: Case Mix Severity Special Study Patient Form**

Facility Questionnaire for Case Mix Severity Special Study

Variable	Type	Length	Format	Comment
ABSTINIT	Char	2	\$	CMF 2: Abstractor
BLEACH	Char	1	\$YNFMT	CMF 7C1: Bleach Used
CHARCOAL	Char	1	\$YNFMT	CMF 9B: Activated Charcoal Used
COMPDATE	Num	8	MMDDYY	CMF 3: Date completed
DEIONIZE	Char	1	\$YNFMT	CMF 9D: Dionization Used
FORMALIN	Char	1	\$YNFMT	CMF 7C2: Formalin Used
GLUTARAL	Char	1	\$YNFMT	CMF 7C4: Glutaraldehyde Used
PROVUSRD	Num	8	BEST	KECC Assigned Facility ID
RENALIN	Char	1	\$YNFMT	CMF 7C3: Renalin Used
REUSETEC	Char	1	\$TYPREUS	CMF 7B: Reuse Technique
REVOSMOS	Char	1	\$YNFMT	CMF 9C: Reverse Osmosis Used
S_NETWK	Char	2	\$	CMF 1: ESRD Network
SOFTENER	Char	1	\$YNFMT	CMF 9A: Water Softener Used
SPECIAL_	Char	1	\$	SPECIAL_STUDY_FORM
STOPREUS	Num	8	MMDDYY	CMF 7A: Date Reuse Stopped
STRTREUS	Num	8	MMDDYY	CMF 7A: Date Reuse Started
TOPRESNT	Char	1	\$	CMF 7A: Reuse through to present
UKMODEL	Char	1	\$YNFMT	CMF 6: Urea Kinetic Modeling
ULTRFILT	Char	1	\$YNFMT	CMF 9E: Ultrafilter Used
UNITREUS	Char	1	\$YNFMT	CMF 7: Reuse at Unit
WATERSRC	Char	1	\$WATRSRC	CMF 8: Water Source

**DIALYZER: Dialyzers**

The Case Mix Severity, Case Mix Adequacy, and DMMS Special Studies all collected information on the manufacturer and model of the dialyzer used for a patient at a specific time.

Variable	Type	Length	Comment
ADQ_CD	Char	3	Dialyzer Code-Adequacy
B12	Num	8	Dialyzer B12 clearance
COMPANY	Char	10	Dialyzer Manufacturer
KOA	Num	8	Dialyzer Koa area
KUF	Num	8	Dialyzer Uf coefficient
MEMBRANE	Char	20	Dialyzer Membrane type
MODEL	Char	20	Dialyzer Model number
PRIMVOL	Char	7	Dialyzer Priming volume
QB	Char	3	Dialyzer Blood Flow rate Readings at
STERIL	Char	7	Dialyzer Sterilization type
SUR_AREA	Num	8	Dialyzer Surface area
TYPE	Char	2	Dialyzer Type spec.
UREA	Num	8	Dialyzer Urea clearance
WAVE1_CD	Char	4	Dialyzer Code-DMMS Wave 1
WAVE2_CD	Char	4	Code-DMMS Waves 2-4

**DMMSWAV1:DMMS Wave 1 Patients**

Each wave includes a data collection instrument for collecting core data that allows collection of a consistent set of fundamental data for research questions that require a large sample size. Wave 1 includes a non-core component designed to address additional research questions that require smaller sample sizes.

Variable	Type	Length	Format	Comment
ABS_PULS	Char	1	\$\$SUSPCT	D1P B 4d: Absent foot pulses
ACCDATE	Num	8	DATE	D1V 4: Date access placed
ACCESS1	Char	1	\$VASTYPE	D1P C 5i: Hemo - Vascular access (1)
ACCINF	Char	1	\$YESNO	D1V 11 : Vascular access infection
ACCINF1C	Char	1		D1V 11 : Pos blood cult/first acc inf
ACCINF2C	Char	1		D1V 11 : Pos blood cult/second acc inf
ACCREV	Char	1	\$YESNO	D1V 10 : Any proced/revisions to acc
ACCREV1C	Char	1	\$CLOT	D1V 10 : Clotted at 1st access revis
ACCREV1T	Char	2	\$REVTYPE	D1V 10 : Type of first access revision
ACCREV2C	Char	1	\$CLOT	D1V 10 : Clotted at sec access revis
ACCREV2T	Char	2	\$REVTYPE	D1V 10 : Type of sec access revision
ACCTYPE0	Char	1	\$VASTYPE	D1V 2 : Type of acc at init of hem
ACCTYPE1	Char	1	\$VASTYPE	D1V 3 : Type of acc 1 mo aft beg hem
AFT_WTKG	Num	8		D1P C 2k: Dry weight - kilograms
AFT_WTLB	Num	8		D1P C 2l: Dry weight - pounds
AGE	Num	8		Age at Date Abstract completed
AIDS	Char	1	\$HIVFMT	D1P B10 : Diagnosed with AIDS
AINF1DT	Num	8	DATE	D1V 11: Date 1st access infection
AINF2DT	Num	8	DATE	D1V 11: Date 2nd access infection
ALONE	Char	1	\$ALONE	D1P C 9 : Living alone
AMPUTATA	Char	1	\$\$SUSPCT	D1P B 4b: Amputation due to PVD
AN_GRABN	Char	1	\$\$SUSPCT	D1P B 2f: Coronary angiography abnormal
ANGINA	Char	1	\$\$SUSPCT	D1P B 2b: Angina
ANGIOGRA	Char	1	\$\$SUSPCT	D1P B 2f: Coronary angiography
ANGIOPLA	Char	1	\$\$SUSPCT	D1P B 2e: Coronary angioplasty
AREV1DT	Num	8	DATE	D1V 10: Date first access revision
AREV2DT	Num	8	DATE	D1V 10: Date 2nd access revision
BFL200DT	Num	8	DATE	D1V 7: Date 1st all bl flow lt 200
BFR	Num	8		D1P C 5d: Hemo - blood flow rate
BFRECIRC	Char	3		D1V 8 : Blood flow at recirc test
BILAMP	Char	1		D1P C 1b: Bilateral amputee
BLUECROS	Char	1	\$YESNO	D1P A 7a: Blue Cross
BUNDAY_1	Char	2		D1P D16d: Day of BUN 1
BUNDAY_2	Char	2		D1P D16d: Day of BUN 2
BUNDAY_3	Char	2		D1P D16d: Day of BUN 3
BUNDAY_4	Char	2		D1P D16d: Day of BUN 4
BUNDAY_5	Char	2		D1P D16d: Day of BUN 5
BUNDAY_6	Char	2		D1P D16d: Day of BUN 6
BUNDAYN1	Char	2		D1N 1d: Day of BUN 1, nutrit (94)
BUNDAYN2	Char	2		D1N 1d: Day of BUN 2, nutrit (94)
BUNDAYN3	Char	2		D1N 1d: Day of BUN 3, nutrit (94)
BUNDAYN4	Char	2		D1N 1d: Day of BUN 4, nutrit (94)
BUNDAYN5	Char	2		D1N 1d: Day of BUN 5, nutrit (94)
BUNDAYN6	Char	2		D1N 1d: Day of BUN 6, nutrit (94)
CABG	Char	1	\$\$SUSPCT	D1P B 2d: Bypass Surgery
CARDARR	Char	1	\$\$SUSPCT	D1P B 2g: Cardiac arrest
CEREBROV	Char	1	\$\$SUSPCT	D1P B 3a: Cerebrovascular Accident
CHD_CAD	Char	1	\$\$SUSPCT	D1P B 2a: Prior Dx of CHD/CAD
CHOLEST	Num	8		D1P D11a: Cholesterol
CHRDATE	Num	8	DATE	D1P D14: Date first chronic maint treat
CLAUDIC	Char	1	\$\$SUSPCT	D1P B 4e: Claudication
COMPDATE	Num	8	DATE	D1P A 1: Date Abstract completed
CONG_H	Char	1	\$\$SUSPCT	D1P B 5a: Congestive heart failure
CREAT1	Num	8		D1P D 8 : Serum Creatinine, predialysis
CREAT2	Num	8		D1P D15 : Serum Creatinine, first ever
DIABESRD	Char	1	\$YESNO	D1P B 6a: Diabetes was cause of ESRD
DIALMAKE	Char	15		D1P C 5h: Hemo - Dialyzer make
DIALMODL	Char	19		D1P C 5h: Hemo - Dialyzer model
DIALYSAT	Char	1	\$DISATE	D1P C 5a: Dialysate
DIALYZER	Char	5		D1P C 5h: Hemo - Dialyzer type
DISAB_B	Char	1	\$YESNO	D1P C12g: Pre-ESRD disabled

**DMMSWAV1:DMMS Wave 1 Patients (continued)**

Variable	Type	Length	Format	Comment
DISAB_C	Char	1	\$YESNO	D1P C12g: On 12/31/93 disabled
DMMS_ID	Num	8		DMMS Patient ID
DX_DIAB	Char	1	\$SUSPCT	D1P B 6 : Prior Dx of Diabetes
ECHOCARD	Char	1	\$YESNO	D1P D 2b: Left ventr. hyper. by echogr
EDUCAT	Char	1	\$EDLEV	D1P C10 : Education
EKG	Char	1	\$YESNO	D1P D 2a: Left ventr. hyper. by EKG
EMPFT_B	Char	1	\$YESNO	D1P C12a: Pre-ESRD emp/student full ti
EMPFT_C	Char	1	\$YESNO	D1P C12a: On 12/31/93 emp/student fti
EMPPT_B	Char	1	\$YESNO	D1P C12b: Pre-ESRD emp/student part ti
EMPPT_C	Char	1	\$YESNO	D1P C12b: On 12/31/93 emp/student pti
EPO	Char	1	\$YESNO	D1P D 7 : Taking EPO at SSD
EPO_ADM	Char	1	\$YESNO	D1A 8 : EPO administered, anemia
EPOADWK	Num	8		D1A 8c: # Administ EPO per week
EPOBESRD	Char	1		D1A 8e: EPO started before ESRD
EPODATE	Num	8	DATE	D1A 8e: EPO start date
EPOROUTE	Char	1	\$EPOADM	D1A 8d: Route of EPO administration
EPOUNITA	Num	8		D1A 8a: Units of EPO per admin
EPOUNITW	Num	8		D1A 8b: Units of EPO per week
ETHNIC	Char	1	\$ETHFMT	D1P A 4 : Ethnicity (Hispanic or not)
FERRITIN	Num	8		D1A 3 : Ferritin
HDKTV1	Num	8		Kt/V month 1 - Daugirdas 2 formula
HDKTV2	Num	8		Kt/V month 2 - Daugirdas 2 formula
HDKTV3	Num	8		Kt/V month 3 - Daugirdas 2 formula
HDKTV4	Num	8		Kt/V month 4 - Daugirdas 2 formula
HDKTV5	Num	8		Kt/V month 5 - Daugirdas 2 formula
HDKTV6	Num	8		Kt/V month 6 - Daugirdas 2 formula
HEMABEPO	Num	8		D1A 8f: Most rec hemat before EPO
HEMAT	Num	8		D1A 5 : Hematocrit
HEMATO	Num	8		D1P D 6a: Hematocrit
HEMO_TIM	Char	3		D1P C 5b: Hemo - Presc hours:min/treat
HEMOGLOB	Num	8		D1P D 6b: Hemoglobin
HIFLOW4	Num	8		D1V 5 : Highest blood flow 4th week
HIPRES	Num	8		D1V 6 : Highest ven pressure at hiflo
HIV	Char	1	\$HIVFMT	D1P B 9 : HIV Status
HMO	Char	1	\$YESNO	D1P A 8 : Enroll in HMO
HOMEMK_B	Char	1	\$YESNO	D1P C12c: Pre-ESRD homemaker
HOMEMK_C	Char	1	\$YESNO	D1P C12c: On 12/31/93 homemaker
HT_CM	Char	3		D1P C 1c: Height - cm.
HT_FT	Char	1		D1P C 1f: Height - ft.
HT_IN	Char	2		D1P C 1i: Height - in.
IND_AMBU	Char	1	\$YESNO	D1P C 7c: Independent Ambulating
IND_EAT	Char	1	\$YESNO	D1P C 7a: Independent eating
IND_XFER	Char	1	\$YESNO	D1P C 7b: Independent transferring
INSULIN	Char	1	\$NEVRFMT	D1P B 6b: Insulin therapy
IRONBIND	Num	8		D1A 2 : Tot iron binding cap (TIBC)
IRONDATE	Num	8	DATE	D1A 6c: Date of 1st iron iv/im/pi admi
IRONDOSE	Num	8		D1A 6d: Dose of iron in mg
IRONORAL	Char	1	\$YESNO	D1A 7 : Taking oral iron in 12/93
IRONPAR	Char	1	\$YESNO	D1A 6a: Parenteral iron used
IRONPARR	Char	1	\$IRONADM	D1A 6b: Route parenteral iron administ
IRONWEEK	Num	8		D1A 6e: # Administ. of iron per week
LIMBAMP	Char	1	\$SUSPCT	D1P B 4c: Limb amputation (other)
LOSTDATE	Num	8	DATE	D1P E 5: Date 1st kwn hemo;lost fol-up
LUNGDIS	Char	1	\$SUSPCT	D1P B 7 : History of lung disease
MAR_STAT	Char	1	\$MARSTAT	D1P C 8 : Marital status
MEDICAID	Char	1	\$YESNO	D1P A 7c: Medicaid
MI	Char	1	\$SUSPCT	D1P B 2c: Myocardial infarction
MINDIA1	Num	8		D1P D18: 1# Duration of dial (min)
MINDIA2	Num	8		D1P D18: 2# Duration of dial (min)
MINDIA3	Num	8		D1P D18: 3# Duration of dial (min)
MINDIA4	Num	8		D1P D18: 4# Duration of dial (min)
MINDIA5	Num	8		D1P D18: 5# Duration of dial (min)
MINDIA6	Num	8		D1P D18: 6# Duration of dial (min)
MOVEDATE	Num	8	DATE	D1P E 3: Date moved out of region

DMMSWAV1:DMMS Wave 1 Patients (continued)

Variable	Type	Length	Format	Comment
NC_FSER	Num	8		NC First Service Date - Network Census
NC_MED	Char	1		NC Medicare Eligibility - Network Census
NC_MOD	Char	1		NC Modality - from Network Census
NC_PDIS	Char	5		NC Primary Disease - Network Census
NC_RACE	Char	1	\$RACEFMT	NC Race - from Network Census
NC_SEX	Char	1	\$SEXFMT	NC Sex - from Network Census
NCMOD	Char	2		NC End of Yr Modality - Network Census
NEO_TYP2	Char	2	\$NEOFMT	D1P B 8a: Neoplasm second site/type
NEO_TYPE	Char	2	\$NEOFMT	D1P B 8a: Neoplasm primary site/type
NEO_YEAR	Char	2		D1P B 8b: Year of first neoplasm Dx
NEOPLASM	Char	1	\$SUSPCT	D1P B 8 : Neoplasms (other than skin)
NEVEMP_B	Char	1	\$YESNO	D1P C12e: Pre-ESRD never employed
NEVEMP_C	Char	1	\$YESNO	D1P C12e: On 12/31/93 never employed
NO_INS	Char	1	\$YESNO	D1P A 7g: No insurance
NUMTRANS	Char	2		D1P D 6d: Number of Transfusions recd
OCCUPAT	Char	2	\$OCCUP	D1P C11 : Occupation level before ESRD
OCH_DATE	Num	8	DATE	D1P E 1: Date switched off center hemo
OFECEN_R	Char	1		D1P E 1 : Reas switched off center hemo
OTH_INS	Char	1	\$YESNO	D1P A 7f: Other insurance
OTHER_B	Char	1	\$YESNO	D1P C12h: Pre-ESRD other
OTHER_C	Char	1	\$YESNO	D1P C12h: On 12/31/93 other
PERICARD	Char	1	\$SUSPCT	D1P B 5b: Pericarditis
PERMACC	Char	1	\$YNUDET	D1V 1 : Permanent access bef ESRD
PERSTHDT	Num	8	DATE	D1V 9: Date switch to peritoneal
PHOSPH	Num	8		D1P D 4 : Serum phosphorous
POSBUNN1	Num	8		D1N 1b: 1# BUN postdial, nutrit (94)
POSBUNN2	Num	8		D1N 1b: 2# BUN postdial, nutrit (94)
POSBUNN3	Num	8		D1N 1b: 3# BUN postdial, nutrit (94)
POSBUNN4	Num	8		D1N 1b: 4# BUN postdial, nutrit (94)
POSBUNN5	Num	8		D1N 1b: 5# BUN postdial, nutrit (94)
POSBUNN6	Num	8		D1N 1b: 6# BUN postdial, nutrit (94)
POSTBUN1	Num	8		D1P D16b: 1# BUN postdialysis
POSTBUN2	Num	8		D1P D16b: 2# BUN postdialysis
POSTBUN3	Num	8		D1P D16b: 3# BUN postdialysis
POSTBUN4	Num	8		D1P D16b: 4# BUN postdialysis
POSTBUN5	Num	8		D1P D16b: 5# BUN postdialysis
POSTBUN6	Num	8		D1P D16b: 6# BUN postdialysis
POSTWT_1	Num	8		D1P D16w: 1# WGT postdialysis
POSTWT_2	Num	8		D1P D16w: 2# WGT postdialysis
POSTWT_3	Num	8		D1P D16w: 3# WGT postdialysis
POSTWT_4	Num	8		D1P D16w: 4# WGT postdialysis
POSTWT_5	Num	8		D1P D16w: 5# WGT postdialysis
POSTWT_6	Num	8		D1P D16w: 6# WGT postdialysis
POSWGTN1	Num	8		D1N 1w: 1# WGT postdial, nutr (94)
POSWGTN2	Num	8		D1N 1w: 2# WGT postdial, nutr (94)
POSWGTN3	Num	8		D1N 1w: 3# WGT postdial, nutr (94)
POSWGTN4	Num	8		D1N 1w: 4# WGT postdial, nutr (94)
POSWGTN5	Num	8		D1N 1w: 5# WGT postdial, nutr (94)
POSWGTN6	Num	8		D1N 1w: 6# WGT postdial, nutr (94)
PR2BUNN1	Num	8		D1N 1b: 1# BUN sec predial, nutr (94)
PR2BUNN2	Num	8		D1N 1b: 2# BUN sec predial, nutr (94)
PR2BUNN3	Num	8		D1N 1b: 3# BUN sec predial, nutr (94)
PR2BUNN4	Num	8		D1N 1b: 4# BUN sec predial, nutr (94)
PR2BUNN5	Num	8		D1N 1b: 5# BUN sec predial, nutr (94)
PR2BUNN6	Num	8		D1N 1b: 6# BUN sec predial, nutr (94)
PR2WGTN1	Num	8		D1N 1w: 1# WGT sec predial, nutr (94)
PR2WGTN2	Num	8		D1N 1w: 2# WGT sec predial, nutr (94)
PR2WGTN3	Num	8		D1N 1w: 3# WGT sec predial, nutr (94)
PR2WGTN4	Num	8		D1N 1w: 4# WGT sec predial, nutr (94)
PR2WGTN5	Num	8		D1N 1w: 5# WGT sec predial, nutr (94)
PR2WGTN6	Num	8		D1N 1w: 6# WGT sec predial, nutr (94)
PRE_DBP	Num	8		D1P C 4a: DBP at SSD / predialysis
PRE_SBP	Num	8		D1P C 4a: SBP at SSD / predialysis
PRE_SIT	Char	1	\$YESNO	D1P C 4 : BP taken sitting

**DMMSWAV1:DMMS Wave 1 Patients (continued)**

Variable	Type	Length	Format	Comment
PREBUN1A	Num	8		D1P D16b: 1# BUN second predialysis
PREBUN2A	Num	8		D1P D16b: 2# BUN second predialysis
PREBUN3A	Num	8		D1P D16b: 3# BUN second predialysis
PREBUN4A	Num	8		D1P D16b: 4# BUN second predialysis
PREBUN5A	Num	8		D1P D16b: 5# BUN second predialysis
PREBUN6A	Num	8		D1P D16b: 6# BUN second predialysis
PREBUN_1	Num	8		D1P D16b: 1# BUN predialysis
PREBUN_2	Num	8		D1P D16b: 2# BUN predialysis
PREBUN_3	Num	8		D1P D16b: 3# BUN predialysis
PREBUN_4	Num	8		D1P D16b: 4# BUN predialysis
PREBUN_5	Num	8		D1P D16b: 5# BUN predialysis
PREBUN_6	Num	8		D1P D16b: 6# BUN predialysis
PREBUNN1	Num	8		D1N 1b: 1# BUN predial, nutrit (94)
PREBUNN2	Num	8		D1N 1b: 2# BUN predial, nutrit (94)
PREBUNN3	Num	8		D1N 1b: 3# BUN predial, nutrit (94)
PREBUNN4	Num	8		D1N 1b: 4# BUN predial, nutrit (94)
PREBUNN5	Num	8		D1N 1b: 5# BUN predial, nutrit (94)
PREBUNN6	Num	8		D1N 1b: 6# BUN predial, nutrit (94)
PREWGTN1	Num	8		D1N 1w: 1# WGT predial, nutr (94)
PREWGTN2	Num	8		D1N 1w: 2# WGT predial, nutr (94)
PREWGTN3	Num	8		D1N 1w: 3# WGT predial, nutr (94)
PREWGTN4	Num	8		D1N 1w: 4# WGT predial, nutr (94)
PREWGTN5	Num	8		D1N 1w: 5# WGT predial, nutr (94)
PREWGTN6	Num	8		D1N 1w: 6# WGT predial, nutr (94)
PREWT_1	Num	8		D1P D16w: 1# WGT predialysis
PREWT_2	Num	8		D1P D16w: 2# WGT predialysis
PREWT_3	Num	8		D1P D16w: 3# WGT predialysis
PREWT_4	Num	8		D1P D16w: 4# WGT predialysis
PREWT_5	Num	8		D1P D16w: 5# WGT predialysis
PREWT_6	Num	8		D1P D16w: 6# WGT predialysis
PREWT_1A	Num	8		D1P D16w: 1# WGT second predialysis
PREWT_2A	Num	8		D1P D16w: 2# WGT second predialysis
PREWT_3A	Num	8		D1P D16w: 3# WGT second predialysis
PREWT_4A	Num	8		D1P D16w: 4# WGT second predialysis
PREWT_5A	Num	8		D1P D16w: 5# WGT second predialysis
PREWT_6A	Num	8		D1P D16w: 6# WGT second predialysis
PRIVATE	Char	1	\$YESNO	D1P A 7d: Private
PROVUSRD	Num	8	BEST	USRDS Assigned Facility ID
PST_DBP	Num	8		D1P C 4b: DBP at SSD / postdialysis
PST_SBP	Num	8		D1P C 4b: SBP at SSD / postdialysis
PST_SIT	Char	1	\$YESNO	D1P C 4 : BP taken sitting
PSYDATE	Num	8	DATE	D1P C 6: Psychological evaluation date
PVD	Char	1	\$SUSPCT	D1P B 4a: Peripheral Vascular Disease
RECDATE	Num	8	DATE	D1V 8: Date recirculation tested
RECIRCT	Char	1	\$YESNO	D1V 8 : Recirculation tested aft M1
RECIRCTR	Num	8		D1V 8 : Recirculation test result
RETIRE_B	Char	1	\$YESNO	D1P C12d: Pre-ESRD retired
RETIRE_C	Char	1	\$YESNO	D1P C12d: On 12/31/93 retired
S_MDCARE	Char	1	\$YESNO	D1P A 7b: Medicare
S_RACE	Char	1	\$RACEDMS	D1P A 3 : Race
S_ZIP	Char	5		D1P A 5 : patients zipcode
SER_ALUM	Num	8		D1P D13 : Serum aluminum (random)
SER_BIC	Num	8		D1P D 5 : Serum bicarbonate
SER_CAL	Num	8		D1P D 3 : Serum calcium, predialysis
SER_IRON	Num	8		D1A 1 : Serum Iron
SER_PTH	Num	8		D1P D12 : Serum intact PTH
SERALB_1	Num	8		D1P D17 : 1# Serum Albumin predialysis
SERALB_2	Num	8		D1P D17 : 2# Serum Albumin predialysis
SERALB_3	Num	8		D1P D17 : 3# Serum Albumin predialysis
SERALB_4	Num	8		D1P D17 : 4# Serum Albumin predialysis
SERALB_5	Num	8		D1P D17 : 5# Serum Albumin predialysis
SERALB_6	Num	8		D1P D17 : 6# Serum Albumin predialysis
SERALBN1	Num	8		D1N 2 : 1# ser alb predial, nutr (94)
SERALBN2	Num	8		D1N 2 : 2# ser alb predial, nutr (94)



**DMMSWAV1:DMMS Wave 1 Patients (continued)**

Variable	Type	Length	Format	Comment
SERALBN3	Num	8		D1N 2 : 3# ser alb predial, nutr (94)
SERALBN4	Num	8		D1N 2 : 4# ser alb predial, nutr (94)
SERALBN5	Num	8		D1N 2 : 5# ser alb predial, nutr (94)
SERALBN6	Num	8		D1N 2 : 6# ser alb predial, nutr (94)
SESSIONS	Num	8		D1P C 5c: Hemo - No. sessions per week
SHRTDIAL	Char	2		D1P D10 : Num treatmnts shortnd by 10m
SKIPDIAL	Char	2		D1P D 9 : Number of treatments skipped
SMOKING	Char	1	\$\$SMOKFMT	D1P B 1 : Smoking status
SWPERIT	Char	1	\$YESNO	D1V 9 : Switch to perito sin 1st dial
TIA	Char	1	\$\$SUSPCT	D1P B 3b: Transient ischeimc attacks
TOTMINN1	Num	8		D1N 3 : 1# Duration of dial(min), nutr
TOTMINN2	Num	8		D1N 3 : 2# Duration of dial(min), nutr
TOTMINN3	Num	8		D1N 3 : 3# Duration of dial(min), nutr
TOTMINN4	Num	8		D1N 3 : 4# Duration of dial(min), nutr
TOTMINN5	Num	8		D1N 3 : 5# Duration of dial(min), nutr
TOTMINN6	Num	8		D1N 3 : 6# Duration of dial(min), nutr
TRANDATE	Num	8	DATE	D1P E 4: Date transferred w/in network
TRANS	Char	1	\$YESNO	D1P D 6c: Receive transfusion / 1 mo
TRANSAT	Num	8		D1A 4 : Transferrin saturation
TRIGLY	Num	8		D1P D11b: Triglycerides
UNDNOUR	Char	1	\$\$SUSPCT	D1P C 3 : Undernourished 12/93
UNEMP_B	Char	1	\$YESNO	D1P C12f: Pre-ESRD unemployed
UNEMP_C	Char	1	\$YESNO	D1P C12f: On 12/31/93 unemployed
UNITNKG5	Char	1		D1N 1 : Units - kilos, nutr (94)
UNITNLBS	Char	1		D1N 1 : Units - pounds, nutr (94)
UNITSKGS	Char	1		D1P D16w: Units of Weight meas- kilos
UNITSLBS	Char	1		D1P D16w: Units of Weight meas - pounds
USRDS_ID	Num	8	BEST	USRDS Assigned Patient ID
VA	Char	1	\$YESNO	D1P A 7e: VA
VAS1CMT	Num	8	DATE	D1V : Date of 1st chronic maint dial
WAVE1_CD	Char	4		D1P C 5h Hemo - Dialyzer type
WTLOSSKG	Num	8		D1P C 5g: Hemo - highest wt loss - kgs.
WTLOSSLB	Num	8		D1P C 5g: Hemo - highest wt loss - lbs.
XRAY	Char	1	\$YESNO	D1P D 1 : Cardiomegaly by X-ray
YRERDIAL	Char	2		D1P A 6b: earliest known year of dial
YRFDIAL	Char	2		D1P A 6a: yr of first chron maint dial

**DMMSWAV2: DMMS Wave 2 Patients**

Each wave includes a data collection instrument for collecting core data that allows collection of a consistent set of fundamental data for research questions that require a large sample size. Wave 2 includes a non-core component designed to address additional research questions that require smaller sample sizes.

Variable	Type	Length	Format	Comment
ABS_PULS	Char	1	\$\$SUSPCT	DW2.M B 5d: Absent foot pulses
AC1_SIDE	Char	1	\$\$SIDE	DW2.M C 5i: Hemo - Side of access FD dt
AC2_SIDE	Char	1	\$\$SIDE	DW2.M C 5i: Hemo - Side of access SS dt
ACCESS1	Char	1	\$\$VASTYPE	DW2.M C 5h: Hemo - Vascular access FD dt
ACCESS2	Char	1	\$\$VASTYPE	DW2.M C 5h: Hemo - Vascular access SS dt
ACCFAIL	Char	1	\$\$YESNO	DW2.M C 5j: Hemo - Access Fail
ACCLESS	Char	1	\$\$YESNO	D2Q A14: Phys Hlth: Accomplished less
ACCLESS2	Char	1	\$\$YESNO	DW2.PFUP A14: PH: Accomplish less liked
ACCMATUR	Char	1	\$\$YESNO	DW2.M C 5j: Hemo - Access mature
ACCREVIS	Char	1		DW2.M C 5j: Hemo - Access Revision
ACCTEMP	Char	1	\$\$YESNO	DW2.M C 5k: Hemo - Temp. Access
ACCTYPE	Char	1	\$\$VASTYPE	DW2.M C 5j: Hemo - Type of access
ACMPLS	Char	1	\$\$YESNO	D2Q A18: EP: Accomplished less than li
ACMPLS2	Char	1	\$\$YESNO	DW2.PFUP A18: EP: Accomplish less liked
ACSPROB	Char	1	\$\$EXTEN5B	D2Q A58: Problems with access/catheter
ACSPROB2	Char	1	\$\$EXTEN5B	DW2.PFUP A58: Problems, access or cath.
AFAIL_F1	Char	1	\$\$YESNO	DW2.MFUP C4: 1PVA fail predial, notused
AFAIL_F2	Char	1	\$\$YNUFMT	DW2.MFUP C5: 1PVA fail pstdial, afteruse
AFT_WTKG	Num	8		DW2.M C 2: Dry weight - Kilograms
AFT_WTLB	Num	8		DW2.M C 2: Dry weight - pounds
AGE	Num	8		Age at DW2.M A 7 Study start date
AGE_GE60	Char	1		DW2.PFUP D: Age Greater than or =to60
AGE_LT60	Char	1		DW2.PFUP D: Age less than 60
AIDS	Char	1	\$\$HIVFMT	DW2.M B 11: Diagnosed w/ AIDS
ALONE	Char	1	\$\$ALONE	DW2.M C 10: Living Alone
AMPUTATA	Char	1	\$\$SUSPCT	DW2.M B 5b: Amputation due to PVD
AN_GRABN	Char	1	\$\$SUSPCT	DW2.M B 3f: Coronary Angio. abnormal
ANGINA	Char	1	\$\$SUSPCT	DW2.M B 3b: Angina
ANGIOGRA	Char	1	\$\$SUSPCT	DW2.M B 3f: Coronary Angiography
ANGIOPLA	Char	1	\$\$SUSPCT	DW2.M B 3e: Coronary Angioplasty
APPET	Char	1	\$\$EXTEN5B	D2Q A54: Lack of appetite
APPET2	Char	1	\$\$EXTEN5B	DW2.PFUP A54: Lack of appetite
APPLOSS	Char	1	\$\$TIMBF4A	D2Q B6: Onset of appetite loss
AROUSAB2	Char	1	\$\$PROBLEM	DW2.PFUP A67: Difficult,sexually aroused
AROUSABL	Char	1	\$\$PROBLEM	D2Q A67: Difficulty becoming sexually a
ASIDE_FU	Char	1	\$\$SIDE	DW2.MFUP C2: What Side was this 1stPVA
ASSTGVN	Char	1	\$\$YESNO	D2Q F6: Assistance given to complete fo
ASSTGVN2	Char	1	\$\$YESNO	DW2.PFUP E6: Assistance given w/ form
AVOIDBLD	Char	1	\$\$YESNON	D2Q B9: Told to avoid blood draws/intra
BATHING	Char	1	\$\$LIMIT3A	D2Q A12: Bathing/dressing self
BATHING2	Char	1	\$\$LIMIT3A	DW2.PFUP A12: Bathing or dressing self
BCROSS1	Char	1	\$\$YESNO	DW2.M A 9a: Blue Cross month bfore A6
BCROSS2	Char	1	\$\$YESNO	DW2.M A 9a: Blue Cross at/near A7
BEND	Char	1	\$\$LIMIT3A	D2Q A 8 Bending, kneeling, stooping
BEND2	Char	1	\$\$LIMIT3A	DW2.PFUP A8: Bending,kneeling,stooping
BESTQLTY	Char	1	\$\$QOLHDPD	D2Q C10: Which treatment provides best
BFR	Num	8		DW2.M C 5d: Hemo - Blood flow rate
BICARB	Char	1	\$\$YESNON	D2Q B8a: Treatment w/bicarbonate
BILAMP	Char	1		DW2.M C 1: Bilateral amputee
BLDTST	Char	1	\$\$TIMBF2A	D2Q B2: Blood test from physician
BODPAIN	Char	1	\$\$PAIN6A	D2Q A21: Amount of bodily pain
BODPAIN2	Char	1	\$\$PAIN6A	DW2.PFUP A21: Amount of Bodily Pain
BREATH	Char	1	\$\$EXTEN5B	D2Q A52: Shortness of breath
BREATH2	Char	1	\$\$EXTEN5B	DW2.PFUP A52: Shortness of Breath
BUN_BFST	Num	8		DW2.M D 9a: BUN of Urea value FSTdial
BUN_SD	Num	8		DW2.M C 7: BUN (same day)
BUNED_FU	Num	8		DW2.MFUP B4b: End BUN
BUNST_FU	Num	8		DW2.MFUP B4b: Start BUN
BUNWT_LK	Num	8		DW2.M D 9c: Pre/Pst Weight in Lb/KG
BURDEN	Char	1	\$\$TRUE5A	D2Q A40: Burden on family
BURDEN2	Char	1	\$\$TRUE5A	DW2.PFUP A40: Burden of Family
BURDFAM	Char	1	\$\$AGREE6A	D2Q C 8i: HD is burden on family

**DMMSWAV2: DMMS Wave 2 Patients (continued)**

Variable	Type	Length	Format	Comment
CABG	Char	1	\$\$SUSPCT	DW2.M B 3d: Bypass Surgery
CALM	Char	1	\$TIME6A	D2Q A26: Calm & peaceful
CALM2	Char	1	\$TIME6A	DW2.PFUP A26: Calm & Peaceful
CARDARR	Char	1	\$\$SUSPCT	DW2.M B 3g: Cardiac arrest
CATHDAY	Char	2		DW2.M C 6e: day of Catheter on SSD
CATHMTH	Char	2		DW2.M C 6e: mth of Catheter on SSD
CATHYR	Char	2		DW2.M C 6e: yr of Catheter on SSD
CEREBROV	Char	1	\$\$SUSPCT	DW2.M B 4a: Cerebrovascular Accident
CHD_CAD	Char	1	\$\$SUSPCT	DW2.M B 3a: Prior Dx of CHD/CAD
CHESTPN	Char	1	\$EXTEN5B	D2Q A48: Chest pain
CHESTPN2	Char	1	\$EXTEN5B	DW2.PFUP A48: Chest Pain
CHNG_DAY	Char	2		DW2.MFUP A1: Day of 1st change status
CHNG_FDT	Num	8	DATE	DW2.MFUP A1: Date of 1st Change In Statu
CHNG_MTH	Char	2		DW2.MFUP A1: Month of 1st change status
CHNG_TYP	Char	2	\$FUCHGTY	DW2.MFUP A1: Type of Change in Status
CHNG_YR	Char	2		DW2.MFUP A1: Year of 1st change status
CHOL_HDL	Num	8		DW2.M D 11b: HDL Cholesterol
CHOL_LDL	Num	8		DW2.M D 11c: LDL Cholesterol
CHOLEST	Num	8		DW2.M D 11a: Cholesterol
CHOSMTD	Char	1	\$\$SELECT	D2Q C 2: Method of choosing treatment
CLAUDIC	Char	1	\$\$SUSPCT	DW2.M B 5e: Claudication
CLIMBMLT	Char	1	\$LIMIT3A	D2Q A 6 Climbing sever flts of stairs
CLIMBMT2	Char	1	\$LIMIT3A	DW2.PFUP A6: Climbing Flights of stairs
CLIMBON2	Char	1	\$LIMIT3A	DW2.PFUP A7: Climbing 1flight of stairs
CLIMBONE	Char	1	\$LIMIT3A	D2Q A 7 Climbing 1 flt of stairs
CLOSENS	Char	1	\$IMPORT	D2Q C 7a: Impor of close facility
COMPDAY	Char	2		DW2.M A 2: day Completed
COMPDPPT	Char	1	\$YESNO	DW2.M : Patient complete Dialysis PtQ\
COMPMTH	Char	2		DW2.M A 2: mth Completed
COMPYR	Char	2		DW2.M A 2: yr Completed
CONFUSE	Char	1	\$TIME6A	D2Q A46: Become confused
CONFUSE2	Char	1	\$TIME6A	DW2.PFUP A46: Become Confused
CONG_H	Char	1	\$\$SUSPCT	DW2.M B 6a: Congestive Heart failure
CORR_PVA	Char	1	\$FU VATYP	DW2.MFUP C2: Corrected VAPerm type
CORRDY60	Char	2		DW2.MFUP : Correct Day of Day 60
CORRMOD	Char	30		DW2.MFUP : Correct Modality at Day60
CORRMT60	Char	2		DW2.MFUP : Correct Month of Day 60
CORRYR60	Char	2		DW2.MFUP : Correct Year of Day 60
COUNSLD	Char	1	\$TRUE5B	D2Q A78: Counseled to achieve full reha
COUNSLD2	Char	1	\$TRUE5B	DW2.PFUP A78: Staff, counsel full rehab
CRAMPS	Char	1	\$EXTEN5B	D2Q A49: Cramps
CRAMPS2	Char	1	\$EXTEN5B	DW2.PFUP A49: Cramps
CREAT1	Num	8		DW2.M D 8b: Serum Creatinine at SSDate
CREAT2	Num	8		DW2.M D 8a: Serum Creatinine Bf fst dial
CURR_DAY	Char	2		DW2.MFUP A2: Day of Current Status
CURR_MTH	Char	2		DW2.MFUP A2: Month of Current Status
CURR_YR	Char	2		DW2.MFUP A2: Year of Current Status
CURRFDT	Num	8	DATE	DW2.MFUP A2: Date of Current Status
CURRSTAT	Char	1	\$FUPSTAT	DW2.MFUP A2: Pts Current Status
DATE_DAY	Char	2		DW2.MFUP : Todays Day
DATE_FDT	Num	8	DATE	DW2.MFUP : Todays Date
DATE_MTH	Char	2		DW2.MFUP : Todays Month
DATE_YR	Char	2		DW2.MFUP : Todays Year
DATESAME	Char	1	\$YESNO	DW2.M A 8: was A6=earliest dial
DAYS_CYC	Num	8		DW2.M C 6c: days/week - cycler
DAYS_MAN	Num	8		DW2.M C 6c: days/Week - manual
DEPEND	Char	1	\$EXTEN5B	D2Q A63: Dependent on doctors/staff
DEPEND2	Char	1	\$EXTEN5B	DW2.PFUP A63: Dependent on Dr or Staff
DESWRK	Char	1	\$WANTWRK	D2Q F4: Desire to return to work
DESWRK2	Char	1	\$WANTWRK	DW2.PFUP E4: Like to return to work
DIALCRET	Num	8		DW2.M C 7: Dialysate Creatinine
DIALDAY	Char	2		DW2.M : First Dialysis day
DIALMAKE	Char	15		DW2.M C 5g: Hemo - Dialyzer make
DIALMODL	Char	19		DW2.M C 5g: Hemo - Dialyzer model
DIALMTH	Char	2		DW2.M : First Dialysis Month

**DMMSWAV2: DMMS Wave 2 Patients (continued)**

Variable	Type	Length	Format	Comment
DIALREUS	Char	1	\$IMPORT	D2Q C 7d: Dialyzer reuse policy
DIALTYP	Char	1	\$IMPORT	D2Q C 7c: Type of dialysis offered
DIALUNIT	Char	1	\$NOYES	D2Q D5: Who pays: Dialysis Unit
DIALUREA	Num	8		DW2.M C 7: Dialysate Urea N
DIALY_VM	Num	8		DW2.M C 6c: Total Dialysate volume/24hrs
DIALYR	Char	2		DW2.M : First Dialysis year
DIALYSAT	Char	1	\$DISATE	DW2.M C 5a: Dialysate
DIALYZER	Char	4		DW2.M C 5g: Hemo - Dialyzer type
DIETVST	Char	1	\$ONCE3A	D2Q B5: Visits with dietitian
DIETVST2	Char	1	\$ONCE3A	DW2.PFUP B1: Pst ESRD, visit dietitian
DIFFCON	Char	1	\$TIME6A	D2Q A44: Difficult to concentrate/think
DIFFCON2	Char	1	\$TIME6A	DW2.PFUP A44: Difficult to think/conctr
DIFFPER	Char	1	\$YESNO	D2Q A16: PH: Difficulty performing wor
DIFFPER2	Char	1	\$YESNO	DW2.PFUP A16: PH: Difficulty perform wrk
DIFWRK	Char	1	\$AGREE6A	D2Q C 8h: HD more difficult to work/sch
DITRST	Char	1	\$EXTEN5B	D2Q A60: Dietary restrictions
DITRST2	Char	1	\$EXTEN5B	DW2.PFUP A60: Dietary Restrictions
DMMS_ID	Num	8		DMMS Patient ID
DOWNBLU	Char	1	\$TIME6A	D2Q A28: Downhearted & blue
DOWNBLU2	Char	1	\$TIME6A	DW2.PFUP A28: Downhearted & Blue
DOWNDMP2	Char	1	\$TIME6A	DW2.PFUP A25: Down in Dumps
DOWNDUMP	Char	1	\$TIME6A	D2Q A25: Down in dumps
DPILLS	Char	1	\$NEVRFMT	DW2.M B 7b: Diabetes Pills
DRAIN	Char	1	\$EXTEN5B	D2Q A55: Washed out/drained
DRAIN2	Char	1	\$EXTEN5B	DW2.PFUP A55: Washed out or Drained
DRVOTHER	Char	1	\$NOYES	D2Q D3: Other reason pt. cannot drive
DRYSKN	Char	1	\$EXTEN5B	D2Q A51: Dry skin
DRYSKN2	Char	1	\$EXTEN5B	DW2.PFUP A51: Dry Skin
DX_DIAB	Char	1	\$SUSPCT	DW2.M B 7: Prior Dx of Diabetes
ECHOCARD	Char	1	\$YESNO	DW2.M D 2b: Left Ventr. hyper. by echogr
EDIALDAY	Char	2		DW2.M A 8a: Earliest day
EDIALMTH	Char	2		DW2.M A 8a: Earliest mth
EDIALYR	Char	2		DW2.M A 8a: Earliest yr
EDUCAT	Char	1	\$EDLEV	DW2.M C 11: Education
EKG	Char	1	\$YESNO	DW2.M D 2a: Left Ventr. Hyper. by EKG
EMP_2YR	Char	2	\$EMPDMMMS	DW2.M C 13a: Emp. 24-6mths before ESRD
EMP_NDT	Char	2	\$EMPDMMMS	DW2.M C 13a: Employment at SSDate
EMPLST	Char	1	\$WORK8A	D2Q A75: Employment status
EMPLST2	Char	1	\$WORK8A	DW2.PFUP A75: Employment status
ENCOURG2	Char	1	\$TRUE5B	DW2.PFUP A77: Staff, encour. normal life
ENCOURGD	Char	1	\$TRUE5B	D2Q A77: Encouraged to lead normal life
ENERGY	Char	1	\$TIME6A	D2Q A27: Lots of energy
ENERGY2	Char	1	\$TIME6A	DW2.PFUP A27: Lots of Energy
ENJSEX	Char	1	\$PROBLEM	D2Q A66: Ability to relax/enjoy sex
ENJSEX2	Char	1	\$PROBLEM	DW2.PFUP A66: Inability to enjoy Sex
EPO	Char	1	\$YESNON	D2Q B8b: Treatment w/erythropoietin
EPO1	Char	1	\$YESNO	DW2.M D 7a: Taking EPO
EPO_FS	Char	1	\$YESNO	DW2.M D 7a: Taking EPO During fst 60days
EPO_LAST	Char	1	\$YESNO	DW2.M D 7b: Taking EPO During 30days bf
EPOTYPE	Char	1	\$EPOADM	DW2.M D 7a: Type of EPO
ETHNIC	Char	1	\$YNFMT	DW2.M A 3: Ethnicity (Hispanic or Not)
EXCYDAY	Num	8		DW2.M C 6c: # exchanges/day - cycler
EXFREQ	Char	1	\$EXER	D2Q F1: Frequency of exercise
EXFREQ2	Char	1	\$EXER	DW2.PFUP E1: Frequency of Exercise
EXLHLTH	Char	1	\$TRUE5A	D2Q A36: Health is excellent
EXLHLTH2	Char	1	\$TRUE5A	DW2.PFUP A36: Health is excellent
EXMNDAY	Num	8		DW2.M C 6c: # exchanges/day - manual
EXP_PAT	Char	1	\$YESNO	DW2.PFUP : Patient Expired
EXPIRED	Char	1		DW2.MFUP : Patient Expired
FACCDAY	Char	2		DW2.M C 5j: Hemo - day of 1st use of VA
FACCMTH	Char	2		DW2.M C 5j: Hemo - mth of 1st use of VA
FACCOM	Char	1	\$IMPORT	D2Q C 7f: Comfort of facility
FACCYR	Char	2		DW2.M C 5j: Hemo - yr of 1st use of VA
FAIL_FDT	Num	8	DATE	DW2.MFUP C5: Date 1st Perm VA Failed
FAILDAY	Char	2		DW2.MFUP C5: 1PVA Failed after use, Day

**DMMSWAV2: DMMS Wave 2 Patients (continued)**

Variable	Type	Length	Format	Comment
FAILMTH	Char	2		DW2.MFUP C5: 1PVA Failed after use, Mth
FAILYR	Char	2		DW2.MFUP C5: 1PVA Failed after use, Yr
FAINT	Char	1	\$EXTEN5B	D2Q A53: Faintness/dizziness
FAINT2	Char	1	\$EXTEN5B	DW2.PFUP A53: Faintness/Dizziness
FDIALDAY	Char	2		DW2.M A 6: day of fst chron maint dial
FDIALMTH	Char	2		DW2.M A 6: mth of fst chron maint dial
FDIALYR	Char	2		DW2.M A 6: year of fst chron maint dial
FLDRST	Char	1	\$EXTEN5B	D2Q A59: Fluid restrictions
FLDRST2	Char	1	\$EXTEN5B	DW2.PFUP A59: Fluid Restrictions
FLDSTRCT	Char	1	\$AGREE6A	D2Q C 8e: Fluid restrict less on PD
FLEXIBLE	Char	1	\$AGREE6A	D2Q C 8c: PD allows more flexibility
FRIENDLY	Char	1	\$GOOD7A	D2Q A76: Friendliness/interest of staff
FRIENDY2	Char	1	\$GOOD7A	DW2.PFUP A76: Friendliness of staff
FROMMED	Num	8		Medical Questionnaire present
FROMPAT	Num	8		Patient/QOL Questionnaire present
FRUST	Char	1	\$TRUE5A	D2Q A39: Frustrated w/Kidney Disease
FRUST2	Char	1	\$TRUE5A	DW2.PFUP A39: Frustrated w/ Kidney Dis
FSTPDC	Char	1	\$YESNO	DW2.M C 6f: 1st PD cath
GETALNG	Char	1	\$TIME6A	D2Q A45: Get along well with others
GETALNG2	Char	1	\$TIME6A	DW2.PFUP A45: Get along well w/ others
GURNEY	Char	1	\$NOYES	D2Q D3: Must be transported on stretche
HAPPYPER	Char	1	\$TIME6A	D2Q A30: Happy person
HAPPYPR2	Char	1	\$TIME6A	DW2.PFUP A30: Happy Person
HDKTV	Num	8		Kt/V at SSD - Daugirdas 2 Formula
HELGEN	Char	1	\$GOOD5A	D2Q A 1 General Health
HELGEN2	Char	1	\$GOOD5A	DW2.PFUP A1: General Health
HELPRE	Char	1	\$COMPFMT	D2Q A 2 Health compared to prev year
HELPRE2	Char	1	\$COMPFMT	DW2.PFUP A2: Health compared to pre yr
HEMATO	Num	8		DW2.M D 6a: Hematocrit
HEMO2	Char	1		DW2.PFUP C: On Hemodialysis
HEMO_BPD	Char	1	\$YESNO	DW2.M C 6g: Hemo before SSD
HEMO_HRS	Num	8		DW2.M C 5b: Hemo - Presc hours/ treat
HEMO_MIN	Num	8		DW2.M C 5b: Hemo - Presc Minutes/ treat
HEMOGLOB	Num	8		DW2.M D 6b: Hemoglobin
HIV	Char	1	\$HIVFMT	DW2.M B 10: HIV Status
HLDISCPH	Char	1	\$NOYES	D2Q C 3: Ind. discussion with physician
HLDISCSW	Char	1	\$NOYES	D2Q C 3: Ind. discussion with social wor
HLFAMDIS	Char	1	\$NOYES	D2Q C 3: Ind. disc w/fam, friends, oth pts
HLGRPDIS	Char	1	\$NOYES	D2Q C 3: Grp. disc/class expl. tx option
HLOTHER	Char	1	\$NOYES	D2Q C 3: None of the above
HLTHEXP	Char	1	\$TRUE5A	D2Q A34: Healthy as anybody
HLTHEXP2	Char	1	\$TRUE5A	DW2.PFUP A34: Heathy as anybody
HLTWRS	Char	1	\$TRUE5A	D2Q A35: Expect health to worsen
HLTWRS2	Char	1	\$TRUE5A	DW2.PFUP A35: Expect health to worsen
HLVIDEO	Char	1	\$NOYES	D2Q C 3: Videotape materials
HLWRITEN	Char	1	\$NOYES	D2Q C 3: Written materials
HMO1	Char	1	\$YESNO	DW2.M A 9h: HMO mth bfore A6
HMO2	Char	1	\$YESNO	DW2.M A 9h: HMO at/near A7
HOWLRN2	Char	40		D2Q C 3a: Oth way inform of tx options,t
HRS_CYC	Num	8		DW2.M C 6c: total hrs/day on cycler
HT_CM	Num	8		DW2.M C 1: Height - Cm.
HT_FT	Num	8		DW2.M C 1: Height - ft.
HT_IN	Num	8		DW2.M C 1: Height - In.
IND_AMBU	Char	1	\$YESNO	DW2.M C 8c: Independent Ambulating
IND_EAT	Char	1	\$YESNO	DW2.M C 8a: Independent eating
IND_XFER	Char	1	\$YESNO	DW2.M C 8b: Independent transferring
INSULIN	Char	1	\$NEVRFMT	DW2.M B 7a: Insulin therapy
INTJUG	Char	1	\$ACCTYPE	DW2.M C 5k: Hemo - Internal Jugular
INTLIFE	Char	1	\$TRUE5A	D2Q A37: Kidney disease interferes w/li
INTLIFE2	Char	1	\$TRUE5A	DW2.PFUP A37: Kidney Dis interfer w/life
INTSOC	Char	1	\$TIME5A	D2Q A32: PH/EP interference w/social ac
INTSOC2	Char	1	\$TIME5A	DW2.PFUP A32: PH/EP interf. w/social act
IRRIT	Char	1	\$TIME6A	D2Q A43: Act irritable
IRRIT2	Char	1	\$TIME6A	DW2.PFUP A43: Act irritable
ISOLATE	Char	1	\$TIME6A	D2Q A41: Isolate self from others

**DMMSWAV2: DMMS Wave 2 Patients (continued)**

Variable	Type	Length	Format	Comment
ISOLATE2	Char	1	\$TIME6A	DW2.PFUP A41: Isolate self from others
ITCHSKN	Char	1	\$EXTEN5B	D2Q A50: Itchy skin
ITCHSKN2	Char	1	\$EXTEN5B	DW2.PFUP A50: Itchy Skin
LAST_DAY	Char	2		DW2.MFUP C5: 1PVA Last known Day of Use
LAST_FDT	Num	8	DATE	DW2.MFUP C5: Last Dt 1st PermVa used
LAST_MTH	Char	2		DW2.MFUP C5: 1PVA Last known Month Use
LAST_YR	Char	2		DW2.MFUP C5: 1PVA Last known Year of Use
LIFT	Char	1	\$LIMIT3A	D2Q A 5 Lift/carry groceries
LIFT2	Char	1	\$LIMIT3A	DW2.PFUP A5: Lift or carry groceries
LIMBAMP	Char	1	\$SUSPCT	DW2.M B 5c: Limb amputation (other)
LIMWRK	Char	1	\$YESNO	D2Q A15: PH: Limited in kind of work
LIMWRK2	Char	1	\$YESNO	DW2.PFUP A15: PH: Limited in kind of wrk
LIVEFAR	Char	1	\$AGREE6A	D2Q C 8k: Live far from HD facility
LONGER	Char	1	\$AGREE6A	D2Q C 8b: HD trtmnt more lengthy than PD
LOGLIFE	Char	1	\$QOLHDPD	D2Q C11: Which treatment provides longe
LOOKEMP	Char	1	\$YESNO	DW2.M C 14: Looking for Employment
LT_EXCY	Num	8		DW2.M C 6c: liters/exchange - Cyclor
LT_EXMN	Num	8		DW2.M C 6c: liters/exchange - manual
LUNGDIS	Char	1	\$SUSPCT	DW2.M B 8: History of Lung Disease
MAR_STAT	Char	1	\$MARSTAT	DW2.M C 9: Marital Status
MCAID1	Char	1	\$YESNO	DW2.M A 9d: Medicaid month bfore A6
MCAID2	Char	1	\$YESNO	DW2.M A 9d: Medicaid at/near A7
MED1	Char	12		DW2.M D 15: Medications at SSD
MED2	Char	12		DW2.M D 15: Medications at SSD
MED3	Char	12		DW2.M D 15: Medications at SSD
MED4	Char	12		DW2.M D 15: Medications at SSD
MED5	Char	12		DW2.M D 15: Medications at SSD
MED6	Char	12		DW2.M D 15: Medications at SSD
MED7	Char	12		DW2.M D 15: Medications at SSD
MED8	Char	12		DW2.M D 15: Medications at SSD
MED9	Char	12		DW2.M D 15: Medications at SSD
MED10	Char	12		DW2.M D 15: Medications at SSD
MED11	Char	12		DW2.M D 15: Medications at SSD
MED12	Char	12		DW2.M D 15: Medications at SSD
MED13	Char	12		DW2.M D 15: Medications at SSD
MED14	Char	12		DW2.M D 15: Medications at SSD
MED15	Char	12		DW2.M D 15: Medications at SSD
MED2_1	Char	1	\$YESNO	DW2.M A 9c: Medicare secondary mth bf A6
MED2_2	Char	1	\$YESNO	DW2.M A 9c: Medicare secondary at/n A7
MEDICAR1	Char	1	\$YESNO	DW2.M A 9c: Medicare month bfore A6
MEDICAR2	Char	1	\$YESNO	DW2.M A 9c: Medicare at/near A7
MEDPEND	Char	1	\$YESNO	DW2.M A 9c: Medicare Pending at/n A7
MEDPROB	Char	1	\$AGREE6A	D2Q C 8l: Med probs precluded txt choice
METRANS	Char	1	\$TRANS	D2Q D2: Method of transportation to fac
MI	Char	1	\$SUSPCT	DW2.M B 3c: MI
MINFAC	Char	1	\$DIST	D2Q D1: # of minutes to dialysis facili
MISSEXG2	Char	1	\$MISSEDX	DW2.PFUP C4: # CAPD missed exchanges
MISSTRMT	Char	1	\$CYCLER	D2Q C13: # times cyclor missed a treatm
MISSTR2	Char	1	\$CYCLER	DW2.PFUP C5: # Cyclor missed treatment
MISXCHG	Char	1	\$MISSEDX	D2Q C12: # times CAPD patient missed ex
MOD_NOW	Char	1	\$FUMODAL	DW2.MFUP B1: Patients current Modality
MODACT	Char	1	\$LIMIT3A	D2Q A 4 Moderate acts: vacuuming, bowl
MODACT2	Char	1	\$LIMIT3A	DW2.PFUP A4: Moderate activities
MORESTRS	Char	1	\$AGREE6A	D2Q C 8g: PD more stressful than HD
MOSTIMP	Char	1		D2Q C 9: Most imp reason for txt choice
MUSSOR	Char	1	\$EXTEN5B	D2Q A47: Muscle soreness
MUSSOR2	Char	1	\$EXTEN5B	DW2.PFUP A47: Muscle Soreness
MYSELF	Char	1	\$NOYES	D2Q D5: Who pays: Myself/family
NAP	Char	1	\$YESNO	D2Q A69: Sleep/nap during day
NAP2	Char	1	\$YESNO	DW2.PFUP A69: Sleep or Nap more, Day
NAUSEA	Char	1	\$EXTEN5B	D2Q A57: Nausea/upset stomach
NAUSEA2	Char	1	\$EXTEN5B	DW2.PFUP A57: Nausea or Upset Stomache
NEEDHELP	Char	1	\$NOYES	D2Q D3: Requires help walking/climbing
NEEDLES	Char	1	\$AGREE6A	D2Q C 8f: Patient aversion to needles
NEO_TYP2	Char	2	\$NEOSITE	DW2.M B 9a: Neoplasm second site/type

**DMMSWAV2: DMMS Wave 2 Patients (continued)**

Variable	Type	Length	Format	Comment
NEO_TYPE	Char	2	\$NEOSITE	DW2.M B 9a: Neoplasm primary site/type
NEO_YEAR	Char	2		DW2.M B 9b: Year of first neoplasm Dx
NEOPLASM	Char	1	\$SUSPCT	DW2.M B 9: Neoplasms (other than skin)
NEPHVST	Char	1	\$VISITS	D2Q B4: Visits to nephrologist prior to
NERVPER	Char	1	\$TIME6A	D2Q A24: Nervous person
NERVPER2	Char	1	\$TIME6A	DW2.PFUP A24: Nervous Person
NET_FU	Char	3	\$NETFMT	DW2.MFUP : Network
NOCAR	Char	1	\$NOYES	D2Q D3: No access to a car
NODRIVE	Char	1	\$NOYES	D2Q D3: Does not know how to drive
NOINS1	Char	1	\$YESNO	DW2.M A 9g: No Insurance Mth bfore A6
NOINS2	Char	1	\$YESNO	DW2.M A 9g: No Insurance at/near A7
NOTABLE	Char	1	\$NOYES	D2Q D3: No longer able to drive a car
NOTDRIV2	Char	40		D2Q D3a: Other reason for not driving
NOTEMP	Char	1	\$NOYES	D2Q E1a: Not currently employed
NOTSTRCT	Char	1	\$AGREE6A	D2Q C 8d: Diet less strict with HD
NUMB	Char	1	\$EXTEN5B	D2Q A56: Numbness in hands/feet
NUMB2	Char	1	\$EXTEN5B	DW2.PFUP A56: Numbness in hands or feet
NUMMONTH	Char	2		D2Q B9a: # months prior to start of HD
NUMTRANS	Num	8		DW2.M D 6d: Number of Transfusions recd
NWLSBNFT	Char	1	\$NOYES	D2Q F3: Not working: Lose benefits, cl
NWLSBNT2	Char	1	\$NOYES	DW2.PFUP E3: S.Work: Would lose Benefits
NWNOFLX	Char	1	\$NOYES	D2Q F3: Not working: Facility sched. i
NWNOFLX2	Char	1	\$NOYES	DW2.PFUP E3: S.Work: Dial. Not Flexible
NWNOJB	Char	1	\$NOYES	D2Q F3: Not working: No other job avai
NWNOJB2	Char	1	\$NOYES	DW2.PFUP E3: S.Work: No job available
NWNOND	Char	1	\$NOYES	D2Q F3: Not working: Did not want/need
NWNOND2	Char	1	\$NOYES	DW2.PFUP E3: S.Work: No Need/Want to wrk
NWOTHDT	Char	1	\$NOYES	D2Q F3: Not working: Needed for other
NWOTHDT2	Char	1	\$NOYES	DW2.PFUP E3: S.Work: Needed for other
NWRTRD	Char	1	\$NOYES	D2Q F3: Not working: I am retired
NWRTRD2	Char	1	\$NOYES	DW2.PFUP E3: Stopped Work: I am retired
NWTOOSK	Char	1	\$NOYES	D2Q F3: Not working: Too sick, too muc
NWTOOSK2	Char	1	\$NOYES	DW2.PFUP E3: Stopped Work: Too sick
NWTRD	Char	1	\$NOYES	D2Q F3: Not working: Job is too tiring
NWTRD2	Char	1	\$NOYES	DW2.PFUP E3: Stopped Work: Job too tire
NWTRTDM	Char	1	\$NOYES	D2Q F3: Not working: Dial trt is too d
NWTRTDM2	Char	1	\$NOYES	DW2.PFUP E3: S.Work: Dial too demanding
OCCUPAT	Char	2	\$OCCUP	DW2.M C 12: Occupation level before ESRD
ODCAPDHM	Char	1	\$NOYES	D2Q C 1: Treat opt disc: CAPD at home
ODDIALHM	Char	1	\$NOYES	D2Q C 1: Treat opt disc: HD at home
ODDIALUN	Char	1	\$NOYES	D2Q C 1: Treat opt disc: HD in dial unit
ODOTHER	Char	1	\$NOYES	D2Q C 1: Treat opt disc: other
ODPERCEN	Char	1	\$NOYES	D2Q C 1: Treat opt disc: PD at center
ODPERCYC	Char	1	\$NOYES	D2Q C 1: Treat opt disc: PD with cycl ma
ODTRANS	Char	1	\$NOYES	D2Q C 1: Treat opt disc: Transplant
OTHINS1	Char	1	\$YESNO	DW2.M A 9f: Other Insurance Mth bfore A6
OTHINS2	Char	1	\$YESNO	DW2.M A 9f: Other Insurance at/near A7
OTHTRMT	Char	40		D2Q C 1a Other treat disc, text
PAININT	Char	1	\$EXTEN5A	D2Q A22: Amt of pain interference w/ wo
PAININT2	Char	1	\$EXTEN5A	DW2.PFUP A22: Amt of pain interf. w/work
PC_DIS	Char	1	\$PDISD2W	DW2.M B 1: Primary Cause of ESRD
PCATHDAY	Char	2		DW2.M C 5o: day PD catheter
PCATHMTH	Char	2		DW2.M C 5o: mth PD catheter
PCATHYR	Char	2		DW2.M C 5o: yr PD catheter
PD_BSSD	Char	1	\$YESNO	DW2.M C 5n: PD before SSD
PDCATH	Char	1		DW2.M C 6d: Type of PD cath on SSD
PDIAL2	Char	1		DW2.PFUP C: On Peritoneal Dialysis
PDIALTYP	Char	1	\$PDTYPE	DW2.M C 6b: PD - Dialysis Type
PDLOCAT	Char	1	\$PERILOC	DW2.M C 6a: PD - Dialysis Location
PEP	Char	1	\$TIME6A	D2Q A23: Full of pep
PEP2	Char	1	\$TIME6A	DW2.PFUP A23: Full of pep
PERHLP	Char	1	\$WHHLP2A	D2Q D4: Person who helps w/ transport
PERICARD	Char	1	\$SUSPCT	DW2.M B 6b: Pericarditis
PERITCOM	Char	1	\$AGREE6A	D2Q C 8a: Peritonitis common comp
PERMVA_B	Char	1	\$YESNO	DW2.M C 6h: Permanent VA before SSD

**DMMSWAV2: DMMS Wave 2 Patients (continued)**

Variable	Type	Length	Format	Comment
PHOSPH	Num	8		DW2.M D 4: Serum Phosphorous
PHYSREC	Char	1	\$IMPORT	D2Q C 7e: Physician recommendation
PHYSVST2	Char	1		DW2.PFUP B2: Visits or talk w/dial. phys
PRE_DBP	Num	8		DW2.M C 4a: DBP at SSD / predialysis
PRE_DBP2	Num	8		DW2.M C 4a: DBP at SSD / predial 2nd
PRE_DBP3	Num	8		DW2.M C 4a: DBP at SSD / predial 3rd
PRE_KGLB	Char	1	\$LBKG	DW2.MFUP B3a: Pre Weight in KG or LB
PRE_SBP	Num	8		DW2.M C 4a: SBP at SSD / predialysis
PRE_SBP2	Num	8		DW2.M C 4a: SBP at SSD / predial 2nd
PRE_SBP3	Num	8		DW2.M C 4a: SBP at SSD / predial 3rd
PREBN_FU	Num	8		DW2.MFUP B3a: Pre Dialysis BUN
PREBUN_1	Num	8		DW2.M D 9b: BUN Predialysis SSDate
PREBUN_2	Num	8		DW2.M D 14b: BUN Predial of U.Collect.
PRECREAT	Num	8		DW2.M D 14b: Pre Creatinine
PREWT	Num	8		DW2.M D 9c: WGT predialysis
PREWT_1	Num	8		DW2.M C 4a: Weight at SSD / predial
PREWT_2	Num	8		DW2.M C 4a: Weight at SSD / predial 2nd
PREWT_3	Num	8		DW2.M C 4a: Weight at SSD/ predial 3rd
PREWT_FU	Num	8		DW2.MFUP B3a: Pre Dialysis Weight
PRIVATE1	Char	1	\$YESNO	DW2.M A 9b: Private month bfore A6
PRIVATE2	Char	1	\$YESNO	DW2.M A 9b: Private at/near A7
PROVUSRD	Num	8		USRDS assigned provider ID
PRW_KGLB	Num	8		DW2.M C 4a: Weight predial Kg or Lb
PST_DBP	Num	8		DW2.M C 4b: DBP at SSD / pstdial
PST_DBP2	Num	8		DW2.M C 4b: DBP at SSD / pstdial 2nd
PST_DBP3	Num	8		DW2.M C 4b: DBP at SSD /pstdial 3rd
PST_KGLB	Char	1	\$LBKG	DW2.MFUP B3b: Post Weight in KG or LB
PST_SBP	Num	8		DW2.M C 4b: SBP at SSD / pstdial
PST_SBP2	Num	8		DW2.M C 4b: SBP at SSD / pstdial 2nd
PST_SBP3	Num	8		DW2.M C 4b: SBP at SSD /pstdial 3rd
PSTBN_FU	Num	8		DW2.MFUP B3b: Post Dialysis BUN
PSTBUN_1	Num	8		DW2.M D 9b: BUN Postdialysis SSDate
PSTBUN_2	Num	8		DW2.M D 14b: BUN pstdial of U. Collect.
PSTCREAT	Num	8		DW2.M D 14b: Post Creatinine
PSTWT	Num	8		DW2.M D 9c: WGT postdialysis
PSTWT_1	Num	8		DW2.M C 4b: Weight at SSD / postdial
PSTWT_2	Num	8		DW2.M C 4b: Weight at SSD / pstdial 2nd
PSTWT_3	Num	8		DW2.M C 4b: Weight at SSD/pstdial 3rd
PSTWT_FU	Num	8		DW2.MFUP B3b: Post Dialysis Weight
PUBAGEN	Char	1	\$NOYES	D2Q D5: Who pays: Public agency/charit
PULMED	Char	1	\$SUSPCT	DW2.M B 6c: Pulmonary edema
PVD	Char	1	\$SUSPCT	DW2.M B 5a: Peripheral Vascular Disease
QUALCAR	Char	1	\$GOOD5A	D2Q F2: Feelings about quality of self-
QUALCAR2	Char	1	\$GOOD5A	DW2.PFUP E2: Taking care of own Health
RCTSLow	Char	1	\$TIME6A	D2Q A42: React slowly to things
RCTSLow2	Char	1	\$TIME6A	DW2.PFUP A42: React slowly to things
REDTIM	Char	1	\$YESNO	D2Q A13: Phys Hlth: Reduced time on wo
REDTIM2	Char	1	\$YESNO	DW2.PFUP A13: PH: Reduced time on work
REDWRK	Char	1	\$YESNO	D2Q A17: EP: Reduced time on work/acti
REDWRK2	Char	1	\$YESNO	DW2.PFUP A17: EP: Reduced time on wrk
REST	Char	1	\$YESNO	D2Q A68: Lie down more often to rest
REST2	Char	1	\$YESNO	DW2.PFUP A68: Lie down more often, rest
REV1_DAY	Char	2		DW2.MFUP C6: 1st revision to 1PVA, Day
REV1_FDT	Num	8	DATE	DW2.MFUP C6: Dt 1st revision to 1PVA
REV1_MTH	Char	2		DW2.MFUP C6: 1st revision to 1PVA, Month
REV1_TYP	Char	1	\$FUREVTY	DW2.MFUP C6: 1st revision to 1PVA, Type
REV1_YR	Char	2		DW2.MFUP C6: 1st revision to 1PVA, Year
REV2_DAY	Char	2		DW2.MFUP C6: 2nd revision to 1PVA, Day
REV2_FDT	Num	8	DATE	DW2.MFUP C6: Dt 2nd revision to 2PVA
REV2_MTH	Char	2		DW2.MFUP C6: 2nd revision to 1PVA, Month
REV2_TYP	Char	1	\$FUREVTY	DW2.MFUP C6: 2nd revision to 1PVA, Type
REV2_YR	Char	2		DW2.MFUP C6: 2nd revision to 1PVA, year
S_RACE	Char	1	\$RACEDMS	DW2.M A 4: Race
S_SEX	Char	1	\$SEXFMT	
S_ZIP	Char	5		DW2.M A 5: Patients Zipcode



**DMMSWAV2: DMMS Wave 2 Patients (continued)**

Variable	Type	Length	Format	Comment
SCHDCHG2	Char	1	\$EXTEN5C	DW2.PFUP E5b: Dial sched changed, work
SCHDINT2	Char	1	\$EXTEN5C	DW2.PFUP E5a: D.Sched not interfere work
SCHDNOT2	Char	1	\$EXTEN5C	DW2.PFUP E5c: No Dial Shift to allow wrk
SCHEDCHG	Char	1	\$EXTEN5C	D2Q F5b: Treatment schedule could chang
SCHEDINT	Char	1	\$EXTEN5C	D2Q F5a: Treatment interfere w/ work sc
SCHEDNOT	Char	1	\$EXTEN5C	D2Q F5c: No treatment schedule avail to
SCRED_FU	Num	8		DW2.MFUP B4b: End Serum Creatinine
SCRST_FU	Num	8		DW2.MFUP B4b: Start Serum Creatinine
SER_ALB	Num	8		DW2.M D 10: Serum Albumin Predialysis
SER_ALUM	Num	8		DW2.M D 13: Serum Aluminum (random)
SER_BIC	Num	8		DW2.M D 5: Serum Bicarbonate
SER_CAL	Num	8		DW2.M D 3: Serum calcium, predialysis
SER_PTH	Num	8		DW2.M D 12: Serum intact PTH
SERCRET	Num	8		DW2.M C 7: Serum Creatinine
SESSIONS	Num	8		DW2.M C 5c: Hemo - No. Sessions / week
SEXLF	Char	1	\$EXTEN5B	D2Q A65: Sex life
SEXLF2	Char	1	\$EXTEN5B	DW2.PFUP A65: Sex Life
SGDAY_FU	Char	2		DW2.MFUP C3: Day of Surgery 1st VAPerm
SGMTH_FU	Char	2		DW2.MFUP C3: Mth of Surgery 1st VAPerm
SGYR_FU	Char	2		DW2.MFUP C3: Year of Surgery 1st VAPerm
SHRTDIAL	Num	8		DW2.M C 5m: Treats shortnd by gt 10 min
SHRTRMT	Char	1	\$CYCLER	D2Q C14: # times cyclers shortened treat
SHRTRMT2	Char	1	\$CYCLER	DW2.PFUP C6: # Cyclers shortened trts
SICK	Char	1	\$TRUE5A	D2Q A33: Get sick easier than others
SICK2	Char	1	\$TRUE5A	DW2.PFUP A33: Get sick easier than other
SIGDAY	Char	2		D2Q CV: Day of signature
SIGDAY2	Char	2		DW2.PFUP : Day of signature
SIGMONTH	Char	2		D2Q CV: Month of signature
SIGMTH2	Char	2		DW2.PFUP : Month of signature
SIGN_FDT	Num	8	DATE	DW2.MFUP: Date of Signature
SIGNAT	Char	1		D2Q CV: Presence of signature
SIGNED	Char	1	\$YESNO	DW2.PFUP :Is consent form signed?
SIGYR	Char	2		D2Q CV: Year of signature
SIGYR2	Char	2		DW2.PFUP : Year of signature
SKIPDIAL	Num	8		DW2.M C 5l: Number of treats skipped
SLEEPLS	Char	1	\$YESNO	D2Q A70: Sleep less at night
SLEEPLS2	Char	1	\$YESNO	DW2.PFUP A70: Sleep less at Night
SLEEPQLT	Char	2	\$QUAL10A	D2Q A71: Quality of sleep-30 days
SLEEPQT2	Char	2	\$QUAL10A	DW2.PFUP A71: Quality of sleep, last mth
SMOKING	Char	1		DW2.M B 2: Smoking status
SOCIALZE	Char	1	\$AGREE6A	D2Q C 8j: Like to socialize w/oth pts/st
SOCINT	Char	1	\$EXTEN5A	D2Q A20: Amt of interference w/ social
SOCINT2	Char	1	\$EXTEN5A	DW2.PFUP A20: Amt. of interf. w/ social
SPANQ2	Char	1	\$YESNO	DW2.PFUP : Questionnaire in Spanish
SSD_W2	Num	8	DATE	DW2.M A 7 Study start date
SSDAY	Char	2		DW2.M : Study Start day
SSDAY1	Char	2		DW2.M A 7: Study Start day A6+60days
SSDAY_FU	Char	2		DW2.MFUP : Study Start Day
SSMTH	Char	2		DW2.M : Study Start month
SSMTH1	Char	2		DW2.M A 7: Study Start mth A6+60days
SSMTH_FU	Char	2		DW2.MFUP : Study Start Month
SST_FDT	Num	8	DATE	DW2.MFUP: Study Start Date
SSTMOD	Char	1		DW2.MFUP : Modality at Study Start
SSYR	Char	2		DW2.M : Study Start year
SSYR1	Char	2		DW2.M A 7: Study Start yr A6+60days
SSYR_FU	Char	2		DW2.MFUP : Study Start Year
STRESS	Char	1	\$EXTEN5B	D2Q A64: Stress/worried by kidney disea
STRESS2	Char	1	\$EXTEN5B	DW2.PFUP A64: Stress by Kidney Disease
SUBCLAV	Char	1	\$ACCTYPE	DW2.M C 5k: Hemo - Any Subclavian
SUPPORT	Char	1	\$GOOD5B	D2Q A73: Support from family/friends
SUPPORT2	Char	1	\$GOOD5B	DW2.PFUP A73: Support from friend&fam.
SURG_FDT	Num	8	DATE	DW2.MFUP C3: Dt of Surgery 1st permVA
SURGDAY	Char	2		DW2.M C 5j: day of Surgery for VA
SURGMTH	Char	2		DW2.M C 5j: mth of Surgery for VA
SURGYR	Char	2		DW2.M C 5j: yr of Surgery for VA

**DMMSWAV2: DMMS Wave 2 Patients (continued)**

Variable	Type	Length	Format	Comment
THRS_UC	Num	8		DW2.M D 14a: Total Hrs of Urine Collect.
THRSU_FU	Num	8		DW2.MFUP B4a: Total hours of urine Coll.
TIA	Char	1	\$\$SUSPCT	DW2.M B 4b: Transient Ischemic attacks
TIME	Char	1	\$TRUE5A	D2Q A38: Too much time spent on kidney
TIME2	Char	1	\$TRUE5A	DW2.PFUP A38: Too much time w/Kidney Dis
TIRED	Char	1	\$TIME6A	D2Q A31: Feel tired
TIRED2	Char	1	\$TIME6A	DW2.PFUP A31: Fell Tired
TOGETH	Char	1	\$GOOD5B	D2Q A72: Together w/ family & friends
TOGETH2	Char	1	\$GOOD5B	DW2.PFUP A72: Togetherness, friends&fam.
TOOWEAK	Char	1	\$NOYES	D2Q D3: Too weak/sick after dialysis
TRANDIS2	Char	1	\$YESNON	DW2.PFUP C1: Transplant option discussed
TRANEVL2	Char	1	\$YESNON	DW2.PFUP C2: Evaluated for a transplant
TRANPRB1	Char	1	\$YESNO	D2Q D6a: Short treatment due to transpo
TRANPRB2	Char	1	\$YESNO	D2Q D6b: Skip treatment due to transpor
TRANS	Char	1	\$YESNO	DW2.M D 6c: Receive Transfusion / 2mo
TRANSDIS	Char	1	\$YESNON	D2Q C 4: Transplant option discussed
TRANSEVL	Char	1	\$YESNON	D2Q C 5: Evaluated for Transplant
TREATMO	Char	1	\$HDPD	DW2.M : Modality of Treatment H/PD
TRIGLY	Num	8		DW2.M D 11d: Triglycerides
TRTSCHED	Char	1	\$IMPORT	D2Q C 7b: Conven. of treat sched.
TRVABL	Char	1	\$EXTEN5B	D2Q A62: Ability to travel
TRVABL2	Char	1	\$EXTEN5B	DW2.PFUP A62: Ability to travel
U_UNITS	Num	8		DW2.M D 14b: Urine Units
UCEDDT_D	Char	2		DW2.M D 14a: Urine Collect. end dt day
UCEDDT_M	Char	2		DW2.M D 14a: Urine Collect. end dt mth
UCEDTM_H	Char	2		DW2.M D 14a: Urine Collect. end tm. Hr
UCEDTM_M	Char	2		DW2.M D 14a: Urine Collect. end tm. min
UCEDTMDY	Char	1		DW2.M D 14a: Urine Collect. end AM/PM
UCSTDT_D	Char	2		DW2.M D 14a: Urine Collect. st. dt. Day
UCSTDT_M	Char	2		DW2.M D 14a: Urine Collect. st. Dt Month
UCSTTM_H	Char	2		DW2.M D 14a: Urine Collect. st. tm. Hr
UCSTTM_M	Char	2		DW2.M D 14a: Urine Collect. st. tm. Min
UCSTTMDY	Char	1		DW2.M D 14a: Urine Collect. st. AM/PM
UNDNOUR	Char	1	\$\$SUSPCT	DW2.M C 3: Undernourished
UNIT_TYP	Char	1	\$FUNITYP	DW2.MFUP B4b: Lab Values unit type
UREAVAL	Num	8		DW2.M D 9: Urea or BUN
URINE	Char	1	\$FUURINE	DW2.MFUP B2: Approx. urine output
URINE2	Char	1		DW2.PFUP B3: How much urine in 24 hours
URINE_CR	Num	8		DW2.M D 14b: Urine Creatinine
URINE_VM	Num	8		DW2.M D 14b: Urine Volume
URNCR_FU	Num	8		DW2.MFUP B4b: Urine Creatinine
URNE_FDT	Num	8	DATE	DW2.MFUP B4: Urine Collection End Dt
URNEDDAY	Char	2		DW2.MFUP B4a: Urine Collection End Day
URNEDMTH	Char	2		DW2.MFUP B4a: Urine Collection End Mth
URNEDTDY	Char	1		DW2.MFUP B4a: Urine Coll. End time day
URNEDTHR	Num	8		DW2.MFUP B4a: Urine Coll. End Time (hr)
URNEDTMN	Num	8		DW2.MFUP B4a: Urine Coll. End Time (min)
URNEDYR	Char	2		DW2.MFUP B4a: Urine Collection End Yr
URNNT_FU	Num	8		DW2.MFUP B4b: Urine Urea Nitrogen
URNS_FDT	Num	8	DATE	DW2.MFUP B4: Urine Collection St DT
URNSTDAY	Char	2		DW2.MFUP B4a: Urine Collection St. Day
URNSTMTH	Char	2		DW2.MFUP B4a: Urine Collection St. Mth
URNSTTDY	Char	1		DW2.MFUP B4a: Urine Coll. Start time day
URNSTTHR	Num	8		DW2.MFUP B4a: Urine Coll. Start time (hr)
URNSTTMN	Num	8		DW2.MFUP B4a: Urine Coll. Start time(min)
URNSTYR	Char	2		DW2.MFUP B4a: Urine Collection St. Year
URNVM_FU	Num	8		DW2.MFUP B4b: Urine Volume
USRDS_ID	Num	8		USRDS assigned patient ID
UUNITROG	Num	8		DW2.M D 14b: Urine Urea Nitrogen
VA1PM_FU	Char	1	\$FU VATYP	DW2.MFUP C2: 1st perm. VA type attempted
VA_1	Char	1	\$YESNO	DW2.M A 9e: VA mon before date A6
VA_2	Char	1	\$YESNO	DW2.M A 9e: VA at/near date A7
VA_REVIS	Char	1	\$YNUFMT	DW2.MFUP C6: Any revisions to 1st VAPerm
VADAY_FU	Char	2		DW2.MFUP C4: Day this 1st PVA was used
VAMTH_FU	Char	2		DW2.MFUP C4: Month this 1st PVA was used

**DMMSWAV2: DMMS Wave 2 Patients (continued)**

Variable	Type	Length	Format	Comment
VAPRM_FU	Char	1	\$YESNO	DW2.MFUP C1: VA Perm ever attempted
VAST_FDT	Num	8	DATE	DW2.MFUP C4: Dt 1st Perm VA was used
VAYR_FU	Char	2		DW2.MFUP C4: Year this 1st PVA was used
VIGACT	Char	1	\$LIMIT3A	D2Q A 3 Vigorous acts: running, heavy
VIGACT2	Char	1	\$LIMIT3A	DW2.PFUP A3: Vigorous activities
VITAMN_D	Char	1	\$YESNO	DW2.M D 16: Injectable Vit.D at SSD
VOLDRAIN	Num	8		DW2.M C 7: Total Volume drained
VOMIT	Char	1	\$TIMBF4A	D2Q B7: Onset of nausea/vomiting
WAGERATE	Num	8		D2Q E1: Wage rate
WAGERT2	Num	8		DW2.PFUP D2: Hourly Wage Rate
WAGEST	Num	8		D2Q E2: Estimated wage rate if not empl
WAGEST2	Num	8		DW2.PFUP D3: Est. Hourly Wage Rate
WAITLIST	Char	1	\$YESNON	D2Q C 6: On a Transplant waitlist
WAITLST2	Char	1	\$YESNON	DW2.PFUP C3: On a transplant waitlist
WALKBLK	Char	1	\$LIMIT3A	D2Q A11: Walking, 1 block
WALKBLK2	Char	1	\$LIMIT3A	DW2.PFUP A11: Walking 1 block
WALKMLT	Char	1	\$LIMIT3A	D2Q A 9 Walking, > 1 mile
WALKMLT2	Char	1	\$LIMIT3A	DW2.PFUP A9: Walking, >1 Mile
WALKSEV	Char	1	\$LIMIT3A	D2Q A10: Walking, several blocks
WALKSEV2	Char	1	\$LIMIT3A	DW2.PFUP A10: Walking several blocks
WAS1VAP	Char	1	\$YESNO	DW2.MFUP C4: Was this 1st PVA ever used
WHNSAW	Char	1	\$TIMBF3A	D2Q B3: When patient first saw nephrolo
WHNTLD	Char	1	\$TIMBF1A	D2Q B1: When told of abnormal kidney fu
WHOGAVE	Char	1	\$WHOHELP	D2Q F7: Who helped complete form
WHOGAVE2	Char	1	\$WHOHELP	DW2.PFUP E7: Who Helped Complete Form
WORKING2	Char	1		DW2.PFUP D1: Working Status
WORNOUT	Char	1	\$TIME6A	D2Q A29: Worn out
WORNOUT2	Char	1	\$TIME6A	DW2.PFUP A29: Worn Out
WPOTHER	Char	1	\$NOYES	D2Q D5: Who pays: Other
WRKABL	Char	1	\$EXTEN5B	D2Q A61: Ability to work around house
WRKABL2	Char	1	\$EXTEN5B	DW2.PFUP A61: Ability to work in house
WRKCAR	Char	1	\$YESNO	D2Q A19: EP: Did not work as carefully
WRKCAR2	Char	1	\$YESNO	DW2.PFUP A19: EP: Didnt work as carefull
WRKFT	Char	1	\$YESNO	D2Q A74b: Able to work full-time
WRKFT2	Char	1	\$YESNO	DW2.PFUP A74b: Able to work full-time
WRKLMT1	Char	1	\$YESNO	D2Q E3: Work type limited due to health
WRKLMT2	Char	1	\$YESNO	D2Q E4: Work amt limited due to health
WRKPT	Char	1	\$YESNO	D2Q A74a: Able to work part-time
WRKPT2	Char	1	\$YESNO	DW2.PFUP A74a: Able to work part-time
XRAY	Char	1	\$YESNO	DW2.M D 1: Cardiomegaly by X-ray
YEAR	Num	8		DW2.M A 7c year of study start date

**DMMSWV34: DMMS Wave 3 & 4 Patients**

Each wave includes a data collection instrument for collecting core data allowing collection of a consistent set of fundamental data for research questions that require a large sample size. Waves 3 and 4 are historical prospective studies in which data were collected for patients receiving in-center hemodialysis on December 31, 1993, and each planned to include 6,000 patients.

Variable	Type	Length	Format	Comment
ABS_PULS	Char	1	\$\$SUSPCT	DW34.M.C16 : Absent foot pulses
ACCESS	Char	1	\$VASTYPE	DW34.M.D15 : Vascular access,use Dec93
AFT_WTKG	Num	8		DW34.M.D 2: Dry weight-kilograms
AFT_WTLB	Num	8		DW34.M.D 2: Dry weight-pounds
AGE	Num	8		Age at DW34.M : DMMS Study start date
AIDS	Char	1		DW34.M.C29 : Diagnosed w/ AIDS
ALONE	Char	1	\$ALONE	DW34.M.E 7: Living alone
AMPUTATA	Char	1	\$\$SUSPCT	DW34.M.C14 : Amputation due to PVD
AN_GRABN	Char	1	\$\$SUSPCT	DW34.M.C 9: Coronary angio. abnormal
ANGINA	Char	1	\$\$SUSPCT	DW34.M.C 4: Angina
ANGIOGRA	Char	1	\$\$SUSPCT	DW34.M.C 8: Coronary angiography
ANGIOPLA	Char	1	\$\$SUSPCT	DW34.M.C 7: Coronary angioplasty
AST_WALK	Char	1	\$YESNO	DW34.M.E 3: Walk with assistance
BFR	Num	8		DW34.M.D10 : Blood flow rate
BILAMP	Char	1		DW34.M.D 1: Bilateral amputee
BLUEX	Char	1	\$INSUR	DW34.M.B 1: Blue Cross Dec93
BUNDAY1	Char	2		DW34.M.F20: Day of BUN 1, Sept
BUNDAY2	Char	2		DW34.M.F20: Day of BUN 2, Oct
BUNDAY3	Char	2		DW34.M.F20: Day of BUN 3, Nov
BUNDAY4	Char	2		DW34.M.F20: Day of BUN 4, Dec
CABG	Char	1	\$\$SUSPCT	DW34.M.C 6: Bypass surgery
CAID	Char	1	\$INSUR	DW34.M.B 7: Medicaid Dec93
CARDARR	Char	1	\$\$SUSPCT	DW34.M.C10 : Cardiac arrest
CEREBROV	Char	1	\$\$SUSPCT	DW34.M.C11: Cerebrovascular Accident
CHD_CAD	Char	1	\$\$SUSPCT	DW34.M.C 3: Prior Dx of CHD/CAD
CHOL_HDL	Num	8		DW34.M.F25 : HDL Cholesterol
CHOL_LDL	Num	8		DW34.M.F26 : LDL Cholesterol
CHOLEST	Num	8		DW34.M.F24 : Cholesterol
CLAUDIC	Char	1	\$\$SUSPCT	DW34.M.C17 : Claudication
COMP_DT	Num	8	DATE	DW34.M.A2 : Date abstract completed
COMPDAY	Char	2		DW34.M.A2 : Day abstract completed
COMPMTH	Char	2		DW34.M.A2 : Month abstract completed
COMPYR	Char	2		DW34.M.A2 : Year abstract completed
CONG_H	Char	1	\$\$SUSPCT	DW34.M.C18 : Congestive Heart failure
COR_M_YR	Char	2		DW34.M : Correct Modality Yr, If necess
COR_MDAY	Char	2		DW34.M : Correct Modality Day, if necess
COR_MMTH	Char	2		DW34.M : Correct Modality Month, if nec.
CREAT1	Num	8		DW34.M.F 7: Serum creatine, predial
CREAT2	Num	8		DW34.M.F 8: Incid93, s.creat preFstDial
DATE_DAY	Char	2		DW34.M : Todays Day
DATE_MTH	Char	2		DW34.M : Todays Month
DATE_YR	Char	2		DW34.M : Todays Year
DFR	Num	8		DW34.M.D11 : Dialysate flow rate
DIALMAKE	Char	25		DW34.M.D14 : Dialyzer make
DIALMODL	Char	25		DW34.M.D14 : Dialyzer model
DIALYSAT	Char	1	\$DISATE	DW34.M.D 7: Dialysate
DIALYZER	Num	8		DW34.M.D14 : Dialyzer type
DMMS_ID	Num	8		DMMS Patient ID
DMMS_SSD	Num	8	DATE	DW34.M : DMMS Study start date
DMMSWAVE	Num	8	BEST	DMMS study sampling wave
DOBCORR	Char	1		DW34.M : Is DOBirth correct?
DPILLS	Char	1	\$NEVRFMT	DW34.M.C23 : Diabetes Pills
DTH1_SSD	Char	1	\$YNUFMT	DW34.M : Die post SSD?
DTH2_SSD	Char	1	\$YNUFMT	DW34.M.H3 : Die post SSD?
DTH_DATE	Num	8	DATE	DW34.M : Death date 1 post ssd(12/31/93)
DTH_DAY1	Char	2		DW34.M : Pst SSD death, Day
DTH_DAY2	Char	2		DW34.M.H3 : Pst SSD death, Day
DTH_DT2	Num	8	DATE	DW34.M : Death date 2 post ssd(12/31/93)
DTH_MTH1	Char	2		DW34.M : Pst SSD death, Month
DTH_MTH2	Char	2		DW34.M.H3 : Pst SSD death, Month
DTH_YR1	Char	2		DW34.M : Pst SSD death, Year

**DMMSWAV34: DMMS Wave 3 & 4 Patients (continued)**

Variable	Type	Length	Format	Comment
DTH_YR2	Char	2		DW34.M.H3 : Pst SSD death, Year
DURDIA1	Num	8		DW34.M.F23 : 1# Duration of dial, Sept
DURDIA2	Num	8		DW34.M.F23 : 2# Duration of dial, Oct
DURDIA3	Num	8		DW34.M.F23 : 3# Duration of dial, Nov
DURDIA4	Num	8		DW34.M.F23 : 4# Duration of dial, Dec
DX_DIAB	Char	1	\$SUSPCT	DW34.M.C21 : Diabetes at Dec93
ECHOCRDR	Char	1		DW34.M.F 3: Left ventr hyper by echo.
EDUCAT	Char	1	\$EDLEV	DW34.M.E 8: Education
EKGR	Char	1		DW34.M.F 2: Left ventr hyper by EKG
EMP_D93	Char	2	\$EMPLOY	DW34.M.E10 : Employment level at Dec 93
EMP_OTH	Char	25		DW34.M.E10 : Employment Dec93, other
EPO	Char	1	\$YESNO	DW34.M.F16 : Taking EPO Dec93
EPO_BF60	Char	1	\$YESNO	DW34.M.F17 : Taking EPO 60day prior?
EPO_DT	Num	8	DATE	DW34.M.F16 Latest date in Dec93 EPO admi
EPOADWK	Num	8		DW34.M.F19 : # adms EPO / week,del Dec93
EPOAPREW	Num	8		DW34.M.F19 : # adms EPO /week,pres Dec93
EPODAY	Char	2		DW34.M.F16 : Latest Day in Dec93 epo adm
EPOMTH	Char	2		DW34.M.F16 : Latest Mth in Dec93 epo adm
EPOROUTE	Char	1		DW34.M.F19 : Route of EPO administration
EPOUDELW	Num	8		DW34.M.F18 : Units of EPO / week, del
EPOUNITA	Num	8		DW34.M.F18 : Units of EPO / admin, del
EPOUPREA	Num	8		DW34.M.F18 : Units of EPO / admin prescr
EPOUPREW	Num	8		DW34.M.F18 : Units of EPO / week, prescr
EPOYR	Char	2		DW34.M.F16 : Latest Yr in Dec93 epo adm
ETHNIC	Char	1	\$ETHFMT	DW34.M.A3 : Ethnicity (Hispanic or not)
FDIALDAY	Char	2		DW34.M.A6 : day of fst chron maint dial
FDIALMTH	Char	2		DW34.M.A6 : mth of fst chron maint dial
FDIALYR	Char	2		DW34.M.A6 : yr of fst chron maint dial
FST_DATE	Num	8		DW34.M : First event date 1
FST_DAY1	Char	2		DW34.M : Day 1st event in Mod. ,pst SSD
FST_DAY2	Char	2		DW34.M.H2 : Day 1st event in Mod. pstSSD
FST_DT2	Num	8		DW34.M : First event date 2
FST_MTH1	Char	2		DW34.M : Mth 1st event in Mod. ,pst SSD
FST_MTH2	Char	2		DW34.M.H2 : Mth 1st event in Mod. pstSSD
FST_YR1	Char	2		DW34.M : Yr 1st event in Mod. ,pst SSD
FST_YR2	Char	2		DW34.M.H2 : Yr 1st event in Mod. pst SSD
FSTD_DT	Num	8	DATE	DW34.M.A6 : Date of 1st chron maint dial
FSTEVE1	Char	1		DW34.M : 1st event in Modality after SSD
FSTEVE2	Char	1		DW34.M.H1 : 1st event in Modality pstSSD
HDKTV3	Num	8		Kt/V Sept - Daugirdas 2 formula
HDKTV4	Num	8		Kt/V Oct - Daugirdas 2 formula
HDKTV5	Num	8		Kt/V Nov - Daugirdas 2 formula
HDKTV6	Num	8		Kt/V Dec - Daugirdas 2 formula
HEMATO	Num	8		DW34.M.F12 : Hematocrit
HEMO_TIM	Num	8		DW34.M.D 8: Prescribed trt time MIN
HEMOGLOB	Num	8		DW34.M.F13 : Hemoglobin
HEMT_RNG	Char	1		DW34.M.F12 : Hematocrit out of range
HIV	Char	1	\$SHIVFMT	DW34.M.C28 : HIV Status
HMORG	Char	1	\$INSUR	DW34.M.B 3: HMO Dec93
HT_CM	Num	8		DW34.M.D 1: Height - cm
HT_FT	Num	8		DW34.M.D 1: Height - ft
HT_IN	Num	8		DW34.M.D 1: Height - in
HT_RANGE	Char	1		DW34.M.D 1: Ht val outside range
HTIMEDAY	Char	1		DW34.M.D 4: Time of day HD trt Dec93
HTM_RANG	Char	1		DW34.M.D 9: Trt time outside range?
IND_EAT	Char	1	\$YESNO	DW34.M.E 1: Able to eat independently?
IND_WALK	Char	1	\$YESNO	DW34.M.E 2: Able to walk w/o assistance?
IND_XFER	Char	1	\$YESNO	DW34.M.E 5: Independent transferring
INSULIN	Char	1	\$NEVRFMT	DW34.M.C22 : Insulin therapy
LIMBAMP	Char	1	\$SUSPCT	DW34.M.C15 : Limb amputation (other)
LOOKEMP	Char	1	\$YESNO	DW34.M.E11 : Looking for Employment
LUNGDIS	Char	1	\$SUSPCT	DW34.M.C24 : History of Lung Disease
LYMPHO	Num	8		DW34.M.F11 : Lymphocyte Dec93
MAR_STAT	Char	1	\$MARSTAT	DW34.M.E 6: Marital status

**DMMSWAV34: DMMS Wave 3 & 4 Patients (continued)**

Variable	Type	Length	Format	Comment
MCAREA	Char	1	\$INSUR	DW34.M.B 5: Medicare Pt.A Dec93
MCAREAB	Char	1	\$INSUR	DW34.M.B 4: Medicare Pt.AB Dec93
MCAREB	Char	1	\$INSUR	DW34.M.B 6: Medicare Pt.B Dec93
MD10DOSE	Char	25		DW34.M.G1 : Medication #10 Dose
MD10FREQ	Char	2		DW34.M.G1 : Medication #10 Frequency
MD11DOSE	Char	25		DW34.M.G1 : Medication #11 Dose
MD11FREQ	Char	2		DW34.M.G1 : Medication #11 Frequency
MD12DOSE	Char	25		DW34.M.G1 : Medication #12 Dose
MD12FREQ	Char	2		DW34.M.G1 : Medication #12 Frequency
MD13DOSE	Char	25		DW34.M.G1 : Medication #13 Dose
MD13FREQ	Char	2		DW34.M.G1 : Medication #13 Frequency
MD14DOSE	Char	25		DW34.M.G1 : Medication #14 Dose
MD14FREQ	Char	2		DW34.M.G1 : Medication #14 Frequency
MD15DOSE	Char	25		DW34.M.G1 : Medication #15 Dose
MD15FREQ	Char	2		DW34.M.G1 : Medication #15 Frequency
MD16DOSE	Char	25		DW34.M.G1 : Medication #16 Dose
MD16FREQ	Char	2		DW34.M.G1 : Medication #16 Frequency
MD17DOSE	Char	25		DW34.M.G1 : Medication #17 Dose
MD17FREQ	Char	2		DW34.M.G1 : Medication #17 Frequency
MD18DOSE	Char	25		DW34.M.G1 : Medication #18 Dose
MD18FREQ	Char	2		DW34.M.G1 : Medication #18 Frequency
MD19DOSE	Char	25		DW34.M.G1 : Medication #19 Dose
MD19FREQ	Char	2		DW34.M.G1 : Medication #19 Frequency
MD20DOSE	Char	25		DW34.M.G1 : Medication #20 Dose
MD20FREQ	Char	2		DW34.M.G1 : Medication #20 Frequency
MED1	Char	20		DW34.M.G1 : Medication #1
MED2	Char	20		DW34.M.G1 : Medication #2
MED3	Char	20		DW34.M.G1 : Medication #3
MED4	Char	20		DW34.M.G1 : Medication #4
MED5	Char	20		DW34.M.G1 : Medication #5
MED6	Char	20		DW34.M.G1 : Medication #6
MED7	Char	20		DW34.M.G1 : Medication #7
MED8	Char	20		DW34.M.G1 : Medication #8
MED9	Char	20		DW34.M.G1 : Medication #9
MED10	Char	20		DW34.M.G1 : Medication #10
MED11	Char	20		DW34.M.G1 : Medication #11
MED12	Char	20		DW34.M.G1 : Medication #12
MED13	Char	20		DW34.M.G1 : Medication #13
MED14	Char	20		DW34.M.G1 : Medication #14
MED15	Char	20		DW34.M.G1 : Medication #15
MED16	Char	20		DW34.M.G1 : Medication #16
MED17	Char	20		DW34.M.G1 : Medication #17
MED18	Char	20		DW34.M.G1 : Medication #18
MED19	Char	20		DW34.M.G1 : Medication #19
MED20	Char	20		DW34.M.G1 : Medication #20
MED1DOSE	Char	25		DW34.M.G1 : Medication #1 Dose
MED1FREQ	Char	2		DW34.M.G1 : Medication #1 Frequency
MED2DOSE	Char	25		DW34.M.G1 : Medication #2 Dose
MED2FREQ	Char	2		DW34.M.G1 : Medication #2 Frequency
MED3DOSE	Char	25		DW34.M.G1 : Medication #3 Dose
MED3FREQ	Char	2		DW34.M.G1 : Medication #3 Frequency
MED4DOSE	Char	25		DW34.M.G1 : Medication #4 Dose
MED4FREQ	Char	2		DW34.M.G1 : Medication #4 Frequency
MED5DOSE	Char	25		DW34.M.G1 : Medication #5 Dose
MED5FREQ	Char	2		DW34.M.G1 : Medication #5 Frequency
MED6DOSE	Char	25		DW34.M.G1 : Medication #6 Dose
MED6FREQ	Char	2		DW34.M.G1 : Medication #6 Frequency
MED7DOSE	Char	25		DW34.M.G1 : Medication #7 Dose
MED7FREQ	Char	2		DW34.M.G1 : Medication #7 Frequency
MED8DOSE	Char	25		DW34.M.G1 : Medication #8 Dose
MED8FREQ	Char	2		DW34.M.G1 : Medication #8 Frequency
MED9DOSE	Char	25		DW34.M.G1 : Medication #9 Dose
MED9FREQ	Char	2		DW34.M.G1 : Medication #9 Frequency
MEDPEND	Char	1	\$INSUR	DW34.M.B 9: Medicare pending Dec93

**DMMSWAV34: DMMS Wave 3 & 4 Patients (continued)**

Variable	Type	Length	Format	Comment
MEDSWHLD	Char	1		DW34.M.G3 : BloodPress.meds w/held preD?
MI	Char	1	\$SUSPCT	DW34.M.C 5: MI
NC_RACE	Char	1	\$RACEFMT	NC Race - from Network Census
NC_SEX	Char	1	\$SEXFMT	NC Sex - from Network Census
NEO_OTH	Char	25		DW34.M.C26 : Neoplasm primary / other
NEO_OTH2	Char	25		DW34.M.C26 : Neoplasm second / other
NEO_TYP2	Char	2		DW34.M.C26 : Neoplasm second site/type
NEO_TYPE	Char	2		DW34.M.C26 : Neoplasm primary site/type
NEO_YEAR	Char	2		DW34.M.C27 : Year of first neoplasm Dx
NEOPLASM	Char	1	\$SUSPCT	DW34.M.C25 : Neoplasms (other than skin)
NETWORK	Char	2	\$NETFMTN	DW34.M : Network
NUMTRFS	Char	1		DW34.M.F15 : # of transfusions
OCC_OTHR	Char	25		DW34.M.E 9: Occupation pre ESRD - other
OCCUPATN	Char	1	\$EMPLOY	DW34.M.E 9: Occupation level before ESRD
OTH_PC	Char	35		DW34.M.C 1: P. cause ESRD other, txt
OTHERINS	Char	35	\$INSUR	DW34.M.B12 : Other insurance Dec93
PC_DIS	Char	1	\$PDISD3W	DW34.M.C 1: Primary cause ESRD
PERICARD	Char	1	\$SUSPCT	DW34.M.C20 : Pericarditis
PHOSPH	Num	8		DW34.M.F 5: Serum phosphorous
PMN	Num	8		DW34.M.F10 : neutrophil or PMN Dec93
PRBN_RNG	Char	1		DW34.M.F20: PreBun out of range?
PRE_DBP	Num	8		DW34.M.D 5: DBP at SSD/predial
PRE_DBP2	Num	8		DW34.M.D 5: DBP at SSD/predial 2nd
PRE_DBP3	Num	8		DW34.M.D 5: DBP at SSD/predial 3rd
PRE_SBP	Num	8		DW34.M.D 5: SBP at SSD/predial
PRE_SBP2	Num	8		DW34.M.D 5: SBP at SSD/predial 2nd
PRE_SBP3	Num	8		DW34.M.D 5: SBP at SSD/predial 3rd
PREBUN3	Num	8		DW34.M.F20 : 1st BUN predialysis Sept
PREBUN4	Num	8		DW34.M.F20 : 2nd BUN predialysis Oct
PREBUN5	Num	8		DW34.M.F20 : 3rd BUN predialysis Nov
PREBUN6	Num	8		DW34.M.F20 : 4th BUN predialysis Dec
PREWGT3	Num	8		DW34.M.F21 : 1st WGT predialysis Sept
PREWGT4	Num	8		DW34.M.F21 : 2nd WGT predialysis Oct
PREWGT5	Num	8		DW34.M.F21 : 3rd WGT predialysis Nov
PREWGT6	Num	8		DW34.M.F21 : 4th WGT predialysis Dec
PREWT_1	Num	8		DW34.M.D 5: Weight at SSD/predial
PREWT_2	Num	8		DW34.M.D 5: Weight at SSD/predial 2nd
PREWT_3	Num	8		DW34.M.D 5: Weight at SSD/predial 3rd
PRIOR_BN	Char	1	\$YESNO	DW34.M.D20 : Bilateral neph. pre Dec93 ?
PRIOR_TX	Char	1	\$YESNO	DW34.M.D19 : Renal Tx before Dec93 ?
PRIV_INS	Char	1	\$INSUR	DW34.M.B 2: Private ins. Dec93
PROVUSRD	Num	8		USRDS assigned provider ID
PRW_KGLB	Char	1		DW34.M.D 5: Wgt predial kg or lb
PSBN_RNG	Char	1		DW34.M.F20: PostBun out of range?
PST_DBP	Num	8		DW34.M.D 6: DBP at SSD/postdial
PST_DBP2	Num	8		DW34.M.D 6: DBP at SSD/postdial 2nd
PST_DBP3	Num	8		DW34.M.D 6: DBP at SSD/postdial 3rd
PST_KGLB	Char	1		DW34.M.D 6: Wgt postdial kg or lb
PST_SBP	Num	8		DW34.M.D 6: SBP at SSD/postdial
PST_SBP2	Num	8		DW34.M.D 6: SBP at SSD/postdial 2nd
PST_SBP3	Num	8		DW34.M.D 6: SBP at SSD/postdial 3rd
PSTBUN3	Num	8		DW34.M.F20 : 1st BUN postdialysis Sept
PSTBUN4	Num	8		DW34.M.F20 : 2nd BUN postdialysis Oct
PSTBUN5	Num	8		DW34.M.F20 : 3rd BUN postdialysis Nov
PSTBUN6	Num	8		DW34.M.F20 : 4th BUN postdialysis Dec
PSTWGT3	Num	8		DW34.M.F21 : 1# WGT postdialysis, Sept
PSTWGT4	Num	8		DW34.M.F21 : 2# WGT postdialysis, Oct
PSTWGT5	Num	8		DW34.M.F21 : 3# WGT postdialysis, Nov
PSTWGT6	Num	8		DW34.M.F21 : 4# WGT postdialysis, Dec
PSTWT_1	Num	8		DW34.M.D 6: weight at SSD/postdial
PSTWT_2	Num	8		DW34.M.D 6: weight at SSD/postdial 2nd
PSTWT_3	Num	8		DW34.M.D 6: weight at SSD/postdial 3rd
PULMED	Char	1	\$SUSPCT	DW34.M.C19 : Pulmonary edema

**DMMSWAV34: DMMS Wave 3 & 4 Patients (continued)**

Variable	Type	Length	Format	Comment
PVD	Char	1	\$\$SUSPCT	DW34.M.C13 : Peripheral Vascular Disease
RACEOTH	Char	15		DW34.M.A4 : Other Race
S_RACE	Char	1	\$\$RACEDMS	DW34.M.A4 : Race
S_ZIP	Char	5		DW34.M.A5 : Zipcode
SELPAY	Char	1	\$\$INSUR	DW34.M.B10 : Self Pay (ins.) Dec93
SER_ALUM	Num	8		DW34.M.F29 : Serum Aluminum (random)
SER_BIC	Num	8		DW34.M.F 6: Serum bicarbonate
SER_CAL	Num	8		DW34.M.F 4: Serum calcium predial
SER_PTH	Num	8		DW34.M.F28 : Serum intact PTH
SERALB3	Num	8		DW34.M.F20 : 1st Serum Albumin pred, Sep
SERALB4	Num	8		DW34.M.F20 : 2nd Serum Albumin pred, Oct
SERALB5	Num	8		DW34.M.F20 : 3rd Serum Albumin pred, Nov
SERALB6	Num	8		DW34.M.F20 : 4th Serum Albumin pred, Dec
SESSIONS	Num	8		DW34.M.D 9: Hemo no. sessions / week
SEXCORR	Char	1		DW34.M : Is sex correct?
SHRTDIAL	Num	8		DW34.M.D18 : Treats shortnd by gt 10 min
SKIPDIAL	Num	8		DW34.M.D17 : Number of treats skipped
SMOKING	Char	1	\$\$SMOKE	DW34.M.C 2: Smoking status
SSNCORR	Char	1		DW34.M : Is SSN correct?
SURGDAY	Char	2		DW34.M.D16 : day of Placement for VA
SURGMTH	Char	2		DW34.M.D16 : mth of Placement for VA
SURGYR	Char	2		DW34.M.D16 : yr of Placement for VA
TIA	Char	1	\$\$SUSPCT	DW34.M.C12 : Transient Ischemic attacks
TRANS	Char	1	\$\$YESNO	DW34.M.F14 : Receive Transfusion Dec93
TRIGLY	Num	8		DW34.M.F27 : Triglycerides
UNDNOUR	Char	2	\$\$SUSPCT	DW34.M.D 3: Undernourished
UNINS	Char	1	\$\$INSUR	DW34.M.B11 : No Insurance Dec93
UNITLBKG	Char	1		DW34.M.F21 : Pre/Pst Weight in Lbs/ Kgs
USRDS_ID	Num	8	BEST	USRDS patient ID
VA_OTHER	Char	35		DW34.M.D15 : Other type of VA Dec93
VETS_ADM	Char	1	\$\$INSUR	DW34.M.B 8: VA coverage Dec93
VITAMN_D	Char	1		DW34.M.G2 : Injectable Vit.D, Dec93
WAVE2_CD	Char	4		DW34.M.D14 : Dialyzer type
WBC_TOT	Num	8		DW34.M.F 9: White blood count Dec93
WGT_RNG	Char	1		DW34.M.F21 : Is Weight out of Range?
WHEELCHR	Char	1	\$\$YESNO	DW34.M.E 4: Requires wheelchair
XRAY	Char	1		DW34.M.F 1: Cardiomegaly by x-ray



**DMMSFACSI: DMMS Special Studies Facility**  
*Facility Questionnaire for Wave 1 Special Study*

Variable	Type	Length	Format	Comment
BLEACH	Char	1	\$YESNO	DW1.F 6c: Bleach used at abstraction
BLEACH93	Char	1	\$YESNO	DW1.F 6c: Bleach used 12/31/93
CHARCOAL	Char	1	\$YESNO	DW1.F 8 : Activ charcoal used for dial
CHARREP	Char	1	\$YESNO	DW1.F 8 : Activ charcoal used for repro
DEIONIZE	Char	1	\$YESNO	DW1.F 8 : Deionization used for dial
DEIONREP	Char	1	\$YESNO	DW1.F 8 : Deionization used for repro
FORMAL93	Char	1	\$YESNO	DW1.F 6c: Formalin used 12/31/93
FORMALIN	Char	1	\$YESNO	DW1.F 6c: Formalin used at abstraction
FORMDATE	Num	8	MMDDYY	DW1.F 3 : Date form completed
GLUTAR93	Char	1	\$YESNO	DW1.F 6c: Glutaral used 12/31/93
GLUTARAL	Char	1	\$YESNO	DW1.F 6c: Glutaral used at abstraction
HDMSHARE	Num	8		DW1.F12 : Common mach share/all hd mach
HEATON	Char	1	\$YESNO	DW1.F 6c: Heat used at abstraction
HEATON93	Char	1	\$YESNO	DW1.F 6c: Heat used 12/31/93
HMANMD	Char	1	\$HMANMO	DW1.F11 : Most Common Hemodialysis machi
KTVURRTP	Char	1		DW1.F 9 : Type of Kt/v or URR
LABALB93	Num	8		DW1.F13 : Lab ser alb low lim norm 93
LABALBL	Num	8		DW1.F13 : Lab ser alb low lim norm abs
NETWORK	Char	2		DW1.F 1 : Network
PROVUSR	Num	8		KECC Assigned Facility ID
RENAL93	Char	1	\$YESNO	DW1.F 6c: Renalin (paracetic) used 1293
RENALIN	Char	1	\$YESNO	DW1.F 6c: Renalin (paracetic) used abst
REUSEBLT	Char	1	\$YESNO	DW1.F 6d: Reuse blood tubing 12/31/93
REUSEMAC	Char	1		DW1.F 6b: Reuse machine
REUSET93	Char	1	\$TYPREUS	DW1.F 6b: Reuse technique 12/31/93
REUSETEC	Char	1	\$TYPREUS	DW1.F 6b: Reuse technique at abstract
REUSSTOP	Num	8	MONYY	DW1.F 6a: Date reuse stopped
REUSSTRT	Num	8	MONYY	DW1.F 6a: Date reuse started
REVOSMOS	Char	1	\$YESNO	DW1.F 8 : Reverse osmosis used for dial
REVOSREP	Char	1	\$YESNO	DW1.F 8 : Reverse osmosis used for repr
SOFTENER	Char	1	\$YESNO	DW1.F 8 : Water softener used for dial
SOFTREP	Char	1	\$YESNO	DW1.F 8 : Water softener used for repro
TIMEBUN	Char	1		DW1.F10 : Timing of pst dial BUN sample
TOPRESNT	Char	1		DW1.F 6a: Reuse through to present
ULTRFILT	Char	1	\$YESNO	DW1.F 8 : Ultrafilter used for dial
ULTRREP	Char	1	\$YESNO	DW1.F 8 : Ultrafilter used for repro
UNIT_ID	Char	4		DW1.F : ITS assigned unit qaire#
UNITREUS	Char	1	\$YESNO	DW1.F 6 : Unit Reuse 12/1993
UVLIGHT	Char	1	\$YESNO	DW1.F 8 : U-V light used for dialysate
UVLTRREP	Char	1	\$YESNO	DW1.F 8 : U-V light used for repro
VACCSURV	Char	1		DW1.F14 : Routine vasc acc surveill 93
WATERSRC	Char	1	\$WATRSRC	DW1.F 7 : Type of water source
YEAR	Num	4		

**DMMSFACS2: DMMS Special Studies Facility**  
*Facility Questionnaire for Wave 2 Special Study*

Variable	Type	Length	Format	Comment
BLEACH96	Char	1	\$YESNO	DW2.F 6c: Bleach used apr-may 96
CHARCOAL	Char	1	\$YESNO	DW2.F 8: Activ Charcoal used for dial
CHARREP	Char	1	\$YESNO	DW2.F 8: Activ charcoal used for repro
D_OTHER	Char	40		DW2.F 7: If Other specify
D_URRKTV	Char	1		DW2.F 7: Data used for URR or KTV calc
DEIONIZE	Char	1	\$YESNO	DW2.F 8: Deionization used for dial
DEIONREP	Char	1	\$YESNO	DW2.F 8: Deionization used for repro
FORMAL96	Char	1	\$YESNO	DW2.F 6c: Formalin used apr-may 96
FORMDATE	Num	8	MMDDYY	DW2.F Date of form completion
GLUTAR96	Char	1	\$YESNO	DW2.F 6c: Glutaral used apr-may 96
HDMANUF	Char	25		DW2.F 11: Manuf of mst com hemo machine
HDMODEL	Char	25		DW2.F 11: Model of mst com hemo machine
HDMSHARE	Num	8		DW2.F 12: Common mach share/all hd mach
HEATON96	Char	1	\$YESNO	DW2.F 6c: Heat used apr-may 96
LABALB96	Num	8		DW2.F 5a: Lab ser alb low lim norm 96
LABPTH96	Num	8		DW2.F 5b: Lab PTH upper lim norm 96
LOCAT_PD	Char	1		DW2.F 4b: Location of PD
NETWORK	Char	2		DW2.F 1: Network
OBT_DIAL	Char	1		DW2.F 14b: Freq of obtain 24hr D/C msur
PD_OFFER	Char	1	\$YESNO	DW2.F 4: Facility offer PD
PFM_PET	Char	1		DW2.F 14a: Freq of per PET
PHYSICN	Char	1		DW2.F 15: Same physician or rotation
PROVUSRD	Num	8	BEST	USRDS Assigned Facility ID
REASNOPD	Char	1		DW2.F 4a: Reason Fac. doesn't offer PD
REFER_PD	Char	1		DW2.F 4c: How many referred in 12 mths
RENALN96	Char	1	\$YESNO	DW2.F 6c: Renalin used apr-may 96
REUSEMAC	Char	1		DW2.F 6?: Reuse Machine
REUSEPRO	Char	1	\$YESNO	DW2.F 6a: Apply the reuse procedure
REUSETCH	Char	1	\$REU_TEC	DW2.F 6b: Reuse technique apr-may 96
REVOSMOS	Char	1	\$YESNO	DW2.F 8: Reverse osmosis used for dial
REVOSREP	Char	1	\$YESNO	DW2.F 8: Reverse osmosis used for repr
RTECHMTH	Char	2		DW2.F 6d: Month present reuse tech st
RTECHYR	Char	2		DW2.F 6d: Year present reuse tech start
SOFTENER	Char	1	\$YESNO	DW2.F 8: Water softener used for dial
SOFTREP	Char	1	\$YESNO	DW2.F 8: Water softener used for repro
TIMEBUN	Char	1		DW2.F 10: Timing of pst dial BUN sample
TIMESMTH	Char	1		DW2.F 16: Ave times/mth Phy. sees pat.
TYPE_ALB	Char	1		DW2.F 5c: Type of lab assay for Alb
TYPE_PTH	Char	1		DW2.F 5d: Type of lab assay for PTH
ULTRFILT	Char	1	\$YESNO	DW2.F 8: Ultrafilter used for dial
ULTRREP	Char	1	\$YESNO	DW2.F 8: Ultrafilter used for repro
UNIT_ID	Char	4		DW2.F: ITs assigned unit qaire #
UNITREUS	Char	1	\$YESNO	DW2.F 6: Unit Reuse apr-may 96
UVLIGHT	Char	1	\$YESNO	DW2.F 8: U-V light used for dial
UVLTREP	Char	1	\$YESNO	DW2.F 8: U-V light used for repro
VACCSURV	Char	1		DW2.F 13: Routine Vasc acc surveill 96
WATERSRC	Char	1	\$WAT_SRC	DW2.F 9: Type of water source
YEAR	Num	8		

**DMMSFACS34: DMMS Special Studies Facility**  
*Facility Questionnaire for DMMS Waves 3 & 4 Special Studies*

Variable	Type	Length	Format	Comment
BLEACH	Char	1	\$YESNO	DW34.F5d: Bleach used at abstraction
BLEACH93	Char	1	\$YESNO	DW34.F5d: Bleach at Dec 1993
CAL_CON	Num	8		DW34.F6: Calcium Concentration, Dec93
CAL_CON2	Num	8		DW34.F6: Calcium Concentration, abstrt
CALC_OTH	Char	80		DW34.F10: Calc. KTV or URR, Other txt
CALCKTV1	Char	1		DW34.F10: Calculation KTV,pre/pst BUN
CALCKTV2	Char	1		DW34.F10: Calc. KTV,pre/pst/pre BUN
CALCKTV3	Char	1		DW34.F10: Calc. KTV,pre/pst Wgt,BUN
CALCKTV4	Char	1		DW34.F10: Calc. Ktv, Dialyzer Clearance
CALCNONE	Char	1		DW34.F10: Calculation KTV or URR, NONE
CALCOTHR	Char	1		DW34.F10: Calc. KTV or URR, Other
CALCURR1	Char	1		DW34.F10: Calculation URR,pre/pst BUN
CALUNITS	Char	1		DW34.F6: Calcium Units
CHARCOAL	Char	1	\$YESNO	DW34.F12: Activ Charcoal for Dialysate
CHARREP	Char	1	\$YESNO	DW34.F12: Activ Charcoal for reprocess.
DEIONIZE	Char	1	\$YESNO	DW34.F12: Deionization for Dialysate
DEIONREP	Char	1	\$YESNO	DW34.F12: Deionization for reprocessing
DIALSOD	Char	1	\$YESNO	DW34.F7: Variable Dial.Sodium Dec 93
DIALSOD2	Char	1	\$YESNO	DW34.F7: Variable Dial.Sodium,abstrt
DSODEND	Num	8		DW34.F9: DialSodium Presc. End, Dec93
DSODEND2	Num	8		DW34.F9: DialSodium Presc. End, Abstrt
DSODST	Num	8		DW34.F8: DialSodium Presc. Start,Dec93
DSODST2	Num	8		DW34.F8: DialSodium Presc. Start,Abstrt
FORMAL93	Char	1	\$YESNO	DW34.F5d: Formalin used at Dec 1993
FORMALIN	Char	1	\$YESNO	DW34.F5d: Formalin used at abstraction
FORMDATE	Num	8	MMDDYY	DW34.F Date of form completion
GLUTAR93	Char	1	\$YESNO	DW34.F5d: Glutaral used at Dec 1993
GLUTARAL	Char	1	\$YESNO	DW34.F5d: Glutaral used at abstraction
HDMACHNE	Char	3		DW34.F15: Mst Common Hemo Machine,Dec93
HDMANUF	Char	35		DW34.F15: Manuf of mst com hemo machine
HDMODEL	Char	35		DW34.F15: Model of mst com hemo machine
HDMSHARE	Num	8		DW34.F16: Common mach Share/all hd mach
HEATON	Char	1	\$YESNO	DW34.F5d: Heat used at abstraction
HEATON93	Char	1	\$YESNO	DW34.F5d: Heat used at Dec 1993
LABALB93	Num	8		DW34.F4a: Lab ser alb low lim Dec93
LABPTH93	Num	8		DW34.F4b: Lab PTH upper lim norm Dec93
NETWORK	Char	2		DW34.F1: Network
OTH_MAC	Char	40		DW34.F5c: Reuse Machine, Dec93, other
OTH_MAC2	Char	40		DW34.F5c: Reuse Machine, abstrt,other
PHYSICN	Char	1		DW34.F18: Same Physician or rotation
PROVUSRD	Num	8	BEST	USRDS Assigned Facility ID
RENAL93	Char	1	\$YESNO	DW34.F5d: Renalin used at Dec 1993
RENALIN	Char	1	\$YESNO	DW34.F5d: Renalin used at abstraction
REUSEMAC	Char	1		DW34.F5c: Reuse Machine, Dec 1993
REUSEPRO	Char	1	\$YESNO	DW34.F5a: Apply Reuse Procedure, Dec93
REUSET93	Char	1		DW34.F5b: Reuse Technique, Dec 1993
REUSETEC	Char	1		DW34.F5b: Reuse Technique, abstraction
REUSMAC2	Char	1		DW34.F5c: Reuse Machine, Abstraction
REUSPRO2	Char	1	\$YESNO	DW34.F5a: Apply R.Procedure,abstraction
REVOSMOS	Char	1	\$YESNO	DW34.F12: Reverse Osmosis for Dialysate
REVOSREP	Char	1	\$YESNO	DW34.F12: Reverse Osmosis for reprocess
RRFINKTV	Char	1	\$YESNO	DW34.F11: RRF included in reported KTV
SOFTENER	Char	1	\$YESNO	DW34.F12: Water Softener for Dialysate
SOFTREP	Char	1	\$YESNO	DW34.F12: Water Softener for reprocess.
TBUN_OT2	Char	80		DW34.F14: Timing Pstdial BUN,abstrt,oth
TBUN_OTH	Char	80		DW34.F14: Timing Pstdial BUN,Dec93,othr
TIMEBUN	Char	1		DW34.F14: Timing of pstdial BUN, Dec93
TIMEBUN2	Char	1		DW34.F14: Timing of pstdial BUN, abstrt
TIMESMTH	Char	1		DW34.F19: Ave times/mth PHY sees pat
TYPE_ALB	Char	1		DW34.F4c: Type of lab assay for Alb

**DMMSFACS34: DMMS Special Studies Facility (continued)**

Variable	Type	Length	Format	Comment
TYPE_PTH	Char	1		DW34.F4d: Type of lab assay for PTH
ULTRFILT	Char	1	\$YESNO	DW34.F12: Ultrafilter for Dialysate
ULTRREP	Char	1	\$YESNO	DW34.F12: Ultrafilter for reprocessing
UNIT_ID	Char	4		DW34.F: Unit assigned ID
UNITREU2	Char	1	\$YESNO	DW34.F5: Unit Reuse at abstract
UNITREUS	Char	1	\$YESNO	DW34.F5: Unit Reuse Dec 1993
UVLIGHT	Char	1	\$YESNO	DW34.F12: U-V Light for Dialysate
UVLTREP	Char	1	\$YESNO	DW34.F12: U-V light for reprocessing
VACCSURV	Char	1		DW34.F17: Routine VAcc Surveill. Dec 93
WATERSRC	Char	1	\$WAT_SRC	DW34.F13: Water Source
YEAR	Num	8		

**FCOSHOS: Facility Cost Reports for Hospital Facilities**

The CMS hospital and independent facility cost reports for the years 1989-1995 and 1989-1993 are available as Standard Analysis Files.

Variable	Type	Length	Format	Comment
PROVUSRD	Num	8	BEST	USRDS assigned facility ID
R2	Char	5		Cost Reporting per Beg Date
R3	Char	5		Cost Reporting per End Date
R4	Char	2		Number of mths in Cost Rept per
R5	Char	2		Type of Control (See Table I)
R12	Char	1		Cost Report Status (Table IV)
R15	Char	5		HCRIS Data File Creation Date
R16	Num	8		Physicians for Direct pt Care
R17	Num	8		RNs for Direct pt Care
R18	Num	8		LPNs for Direct pt Care
R19	Num	8		Nurses Aides for Dir pt Care
R20	Num	8		Technicians for Direct pt Care
R21	Num	8		Social Workers for Dir pt Care
R22	Num	8		pts for Direct pt Care
R23	Num	8		No of Machines for Reg Use
R24	Num	8		Number of Standby Machines
R25	Num	8		Ave Dial Times per pt/Week
R26	Num	8		Days per Week Dialysis is Furn
R27	Num	8		Average Time of pt Dialysis
R28	Num	8		Number of pts in Dialysis Pgm
R29	Num	8		Number of Shifts
R30	Num	8		Hours per Shift
R31	Num	8		Number of 1X/Week Tments
R32	Num	8		Number of 2x/Week Tments
R33	Num	8		Number of 3X/Week Tments
R34	Num	8		Number of >3x/Week Tments
R35	Num	8		Total Number of Tments per Week
R36	Num	8		Times Dialz Reused-hollow fiber
R37	Num	8		Times Dialz Reus-parallel Plate
R38	Num	8		Times Dialz Reused (coil)
R39	Num	8		Number of pts in HP
R40	Num	8		Total Physician Costs
R41	Num	8		Physician Costs O/P Hemo
R42	Num	8		Physician Costs O/P PD
R43	Num	8		Total RN Costs
R44	Num	8		RN Costs O/P Hemo
R45	Num	8		RN Costs Assign O/P PD
R46	Num	8		Total LPN Costs
R47	Num	8		LPN Costs for O/P O/P Hemo
R48	Num	8		LPN Costs O/P PD
R49	Num	8		Total Nurses Aide Costs
R50	Num	8		N A Costs O/P Hemo
R51	Num	8		N A Costs O/P PD
R52	Num	8		Total Technician Costs
R53	Num	8		Tech Costs O/P Hemo
R54	Num	8		Tech Costs O/P PD
R55	Num	8		Total Social Worker Costs
R56	Num	8		S W Costs O/P Hemo
R57	Num	8		S W Costs O/P PD
R58	Num	8		Total pt Costs
R59	Num	8		pt Costs O/P Hemo
R60	Num	8		pt Costs O/P PD
R61	Num	8		Total Admin Costs
R62	Num	8		Admin Costs Outrpt Hemo
R63	Num	8		Admin Costs O/P PD
R64	Num	8		Total Managers Costs
R65	Num	8		Managers Costs O/P Hemo
R66	Num	8		Managers Costs O/P PD
R67	Num	8		Total Other empl Costs
R68	Num	8		Other empl Costs O/P Hemo
R69	Num	8		Other empl Costs O/P PD
R70	Num	8		Total Dir Cap Costs
R71	Num	8		Dir Cap Costs O/P Hemo

**FCOSHOS: Facility Cost Reports for Hospital Facilities (continued)**

Variable	Type	Length	Format	Comment
R72	Num	8		Dir Cap Costs O/P PD
R73	Num	8		Total Sup Costs
R74	Num	8		Sup Costs O/P Hemo
R75	Num	8		Sup Costs O/P PD
R76	Num	8		Total for Purchased Sers
R77	Num	8		Purchased Ser Costs O/P Hemo
R78	Num	8		Purchased Ser Costs O/P PD
R79	Num	8		Total for Other Costs
R80	Num	8		Other Costs O/P Hemo
R81	Num	8		Other Costs O/P PD
R82	Num	8		Total Cap rel Costs B&F
R83	Num	8		Cap rel Costs (B & F) O/P Hemo
R84	Num	8		Cap rel Costs (B & F) O/P PD
R85	Num	8		Total Cap rel Costs Move Eqpt
R86	Num	8		Cap rel Costs (ME) O/P Hemo
R87	Num	8		Cap rel Costs (ME) O/P PD
R88	Num	8		Total for Emp Bene
R89	Num	8		Emp Bene O/P Hemo
R90	Num	8		Emp Bene O/P PD
R91	Num	8		Tot Admin & General
R92	Num	8		A & G O/P Hemo
R93	Num	8		A & G O/P PD
R94	Num	8		Total Maint & Repairs
R95	Num	8		Maint & Repairs O/P Hemo
R96	Num	8		Maint & Repairs O/P PD
R97	Num	8		Total for Nursing Admin
R98	Num	8		Nursing Admin. O/P Hemo
R99	Num	8		Nursing Admin. O/P PD
R100	Num	8		Total for Nursing School
R101	Num	8		Nursing School O/P Hemo
R102	Num	8		Nursing School O/P PD
R103	Num	8		Tot for I & R Teaching Pgm
R104	Num	8		I & R Teaching O/P Hemo
R105	Num	8		I & R Teaching O/P PD
R106	Num	8		Total Central Sers & Sup
R107	Num	8		Ser & Sup O/P Hemo
R108	Num	8		Ser & Sup O/P PD
R109	Num	8		Total Pharmacy
R110	Num	8		Pharmacy O/P Hemo
R111	Num	8		Pharmacy O/P PD
R112	Num	8		Total Other alloc Costs
R113	Num	8		Other alloc Costs O/P Hemo
R114	Num	8		Other alloc Costs O/P PD
R115	Num	8		Total Lab
R116	Num	8		Lab O/P Hemo
R117	Num	8		Lab O/P PD
R118	Num	8		Total Respiratory Therapy
R119	Num	8		Respir Therapy O/P Hemo
R120	Num	8		Respiratory Therapy O/P PD
R121	Num	8		Total malprice 1/89-9/92 ONLY
R122	Num	8		malpr O/P Hemo 1/89-9/92 ONLY
R123	Num	8		malpr O/P PD 1/89-9/92 ONLY
R124	Num	8		Total of all alloc Costs
R125	Num	8		Total alloc Costs O/P Hemo
R126	Num	8		Total alloc Costs O/P PD
R127	Num	8		Phys Costs O/P Hemo Trn
R128	Num	8		Phys Costs O/P PD Trn
R129	Num	8		Phys Costs O/P CAPD Trn
R130	Num	8		Phys Costs O/P CCPD Trn
R131	Num	8		RN Costs O/P Hemo Trn
R132	Num	8		RN Costs O/P PD Trn
R133	Num	8		RN Costs O/P CAPD Trn
R134	Num	8		RN Costs O/P CCPD Trn
R135	Num	8		LPN Costs O/P Hemo Trn

**FCOSHOS: Facility Cost Reports for Hospital Facilities (continued)**

Variable	Type	Length	Format	Comment
R136	Num	8		LPN Costs O/P PD Trn
R137	Num	8		LPN Costs O/P CAPD Trn
R138	Num	8		LPN Costs O/P CCPD Trn
R139	Num	8		N A Costs O/P Hemo Trn
R140	Num	8		N A Costs O/P PD Trn
R141	Num	8		N A Costs O/P CAPD Trn
R142	Num	8		N A Costs O/P CCPD Trn
R143	Num	8		Tech Costs O/P Hemo Trn
R144	Num	8		Tech Costs O/P PD Trn
R145	Num	8		Tech Costs O/P CAPD Trn
R146	Num	8		Tech Costs O/P CCPD Trn
R147	Num	8		S W Costs O/P Hemo Trn
R148	Num	8		S W Costs O/P PD Trn
R149	Num	8		S W Costs O/P CAPD Trn
R150	Num	8		S W Costs O/P CCPD Trn
R151	Num	8		pt Costs O/P Hemo Trn
R152	Num	8		pt Costs O/P PD Trn
R153	Num	8		pt Costs O/P CAPD Trn
R154	Num	8		pt Costs O/P CCPD Trn
R155	Num	8		Admin Costs O/P Hemo Trn
R156	Num	8		Admin Costs - O/P PD Trn
R157	Num	8		Admin Costs - O/P CAPD Trn
R158	Num	8		Admin Costs - O/P CCPD Trn
R159	Num	8		Managers Costs - O/P H Trn
R160	Num	8		Managers Costs - O/P PD Trn
R161	Num	8		Managers Costs - O/P CAPD Trn
R162	Num	8		Managers Costs - O/P CCPD Trn
R163	Num	8		Other Empl costs - O/P H Trn
R164	Num	8		Other Empl costs O/P PD Trn
R165	Num	8		Other empl Costs O/P CAPD Trn
R166	Num	8		Other empl Costs O/P CCPD Trn
R167	Num	8		Dir Cap Costs O/P Hemo Trn
R168	Num	8		Dir Cap Costs O/P PD Trn
R169	Num	8		Dir Cap Costs O/P CAPD Trn
R170	Num	8		Dir Cap Costs O/P CCPD Trn
R171	Num	8		Sup Costs O/P Hemo Trn
R172	Num	8		Sup Costs O/P PD Trn
R173	Num	8		Sup Costs O/P CAPD Trn
R174	Num	8		Sup Costs O/P CCPD Trn
R175	Num	8		Purch Ser Costs O/P H Trn
R176	Num	8		Purch Ser Costs O/P PD Trn
R177	Num	8		Purch Ser Costs O/P CAPD Trn
R178	Num	8		Purch Ser Costs O/P CCPD Trn
R179	Num	8		Other Costs O/P Hemo Trn
R180	Num	8		Other Costs O/P PD Trn
R181	Num	8		Other Costs O/P CAPD Trn
R182	Num	8		Other Costs O/P CCPD Trn
R183	Num	8		Cap rel Costs (B & F) O/P H Trn
R184	Num	8		Cap rel Costs (B & F) O/P PD Trn
R185	Num	8		Cap rel Costs (B & F) O/P CAPD Trn
R186	Num	8		Cap rel Costs (B & F) O/P CCPD Trn
R187	Num	8		Cap rel Costs (ME) O/P Hemo Trn
R188	Num	8		Cap rel Costs (ME) O/P PD Trn
R189	Num	8		Cap rel Costs (ME) O/P CAPD Trn
R190	Num	8		Cap rel Costs (ME) O/P CCPD Trn
R191	Num	8		Emp Bene 22 O/P Hemo Trn
R192	Num	8		Emp Bene 22 O/P PD Trn
R193	Num	8		Emp Bene 22 O/P CAPD Trn
R194	Num	8		Emp Bene 22 O/P CCPD Trn
R195	Num	8		A & G 24 O/P Hemo Trn
R196	Num	8		A & G 24 O/P PD Trn
R197	Num	8		A & G 24 O/P CAPD Trn
R198	Num	8		A & G 24 O/P CCPD Trn
R199	Num	8		Maint. & Repairs O/P Hemo Trn

**FCOSHOS: Facility Cost Reports for Hospital Facilities (continued)**

Variable	Type	Length	Format	Comment
R200	Num	8		Maint. & Repairs O/P PD Trn
R201	Num	8		Maint. & Repairs O/P CAPD Trn
R202	Num	8		Maint. & Repairs O/P CCPD Trn
R203	Num	8		Nursing Admin. O/P Hemo Trn
R204	Num	8		Nursing Admin. O/P PD Trn
R205	Num	8		Nursing Admin. O/P CAPD Trn
R206	Num	8		Nursing Admin. O/P CCPD Trn
R207	Num	8		Nursing School O/P Hemo Trn
R208	Num	8		Nursing School O/P PD Trn
R209	Num	8		Nursing School O/P CAPD Trn
R210	Num	8		Nursing School O/P CCPD Trn
R211	Num	8		I & R Teaching O/P Hemo Trn
R212	Num	8		I & R Teaching O/P PD Trn
R213	Num	8		I & R Teaching O/P CAPD Trn
R214	Num	8		I & R Teaching O/P CCPD Trn
R215	Num	8		Ser & Sup O/P Hemo Trn
R216	Num	8		Ser & Sup O/P PD Trn
R217	Num	8		Ser & Sup O/P CAPD Trn
R218	Num	8		Ser & Sup O/P CCPD Trn
R219	Num	8		Pharmacy O/P Hemo
R220	Num	8		Pharmacy O/P Peritoneal
R221	Num	8		Pharmacy O/P CAPD Trn
R222	Num	8		Pharmacy O/P CCPD Trn
R223	Num	8		Other alloc Costs O/P Hemo Trn
R224	Num	8		Other alloc Costs O/P PD Trn
R225	Num	8		Other alloc Costs O/P CAPD Trn
R226	Num	8		Other alloc Costs O/P CCPD Trn
R227	Num	8		Lab O/P Hemo Trn
R228	Num	8		Lab O/P PD Trn
R229	Num	8		Lab O/P CAPD Trn
R230	Num	8		Lab O/P CCPD Trn
R231	Num	8		Resp Therapy O/P Hemo Trn
R232	Num	8		Resp Therapy O/P PD Trn
R233	Num	8		Resp Therapy O/P CAPD Trn
R234	Num	8		Resp Therapy O/P CCPD Trn
R235	Num	8		mal O/P HEMO Trn 1/89-9/92 ONLY
R236	Num	8		mal O/P PD Trn 1/89-9/92 ONLY
R237	Num	8		mal O/P CAPD Trn 1/89-9/92 ONLY
R238	Num	8		mal O/P CCPD Trn 1/89-9/92 ONLY
R239	Num	8		Total alloc Costs O/P Hemo Trn
R240	Num	8		Total alloc Costs O/P PD Trn
R241	Num	8		Total alloc Costs O/P CAPD Trn
R242	Num	8		Total alloc Costs O/P CCPD Trn
R243	Num	8		Physician Costs HP Hemo
R244	Num	8		Physician Costs HP PD
R245	Num	8		RN Costs HP Hemo
R246	Num	8		RN Costs HP PD
R247	Num	8		LPN Costs HP Hemo
R248	Num	8		LPN Costs HP PD
R249	Num	8		N A Costs HP Hemo
R250	Num	8		N A Costs HP PD
R251	Num	8		Tech Costs HP Hemo
R252	Num	8		Tech Costs HP PD
R253	Num	8		S W Costs HP Hemo
R254	Num	8		S W Costs HP PD
R255	Num	8		pt Costs HP Hemo
R256	Num	8		pt Costs HP PD
R257	Num	8		Admin Costs HP Hemo
R258	Num	8		Admin Costs HP PD
R259	Num	8		Managers Costs HP Hemo
R260	Num	8		Managers Costs HP PD
R261	Num	8		Other empl Costs HP Hemo
R262	Num	8		Other empl Costs HP PD
R263	Num	8		Dir Cap Costs HP Hemo



**FCOSHOS: Facility Cost Reports for Hospital Facilities (continued)**

Variable	Type	Length	Format	Comment
R264	Num	8		Dir Cap Costs HP PD
R265	Num	8		Sup Costs HP Hemo .
R266	Num	8		Sup Costs HP PD
R267	Num	8		Purchased Ser Costs HP Hemo
R268	Num	8		Purchased Ser Costs HP PD
R269	Num	8		Other Costs Assig to HP Hemo
R270	Num	8		Other Costs HP PD
R271	Num	8		Cap rel Costs (B & F) HP Hemo
R272	Num	8		Cap rel Costs (B & F) HP PD
R273	Num	8		Cap rel Costs (ME) HP Hemo
R274	Num	8		Cap rel Costs (ME) HP PD
R275	Num	8		Emp Bene HP Hemo
R276	Num	8		Emp Bene HP PD
R277	Num	8		A & G HP Hemo
R278	Num	8		A & G HP PD
R279	Num	8		Maint. & Repairs HP Hemo
R280	Num	8		Maint. & Repairs HP PD
R281	Num	8		Nursing Admin. HP Hemo
R282	Num	8		Nursing Admin. HP PD
R283	Num	8		Nursing School HP Hemo
R284	Num	8		Nursing School HP PD
R285	Num	8		I & R Teaching HP Hemo
R286	Num	8		I & R Teaching HP PD
R287	Num	8		Ser & Sup HP Hemo
R288	Num	8		Ser & Sup HP PD
R289	Num	8		Pharmacy HP Hemo
R290	Num	8		Pharmacy HP PD
R291	Num	8		Other alloc Costs HP Hemo
R292	Num	8		Other alloc Costs HP PD
R293	Num	8		Lab HP Hemo
R294	Num	8		Lab HP PD
R295	Num	8		Respiratory Therapy HP Hemo
R296	Num	8		Respiratory Therapy HP PD
R297	Num	8		malpr HP HEMO 1/89-9/92 ONLY
R298	Num	8		malpr HP PD 1/89-9/92 ONLY
R299	Num	8		Total alloc Costs HP Hemo
R300	Num	8		Total alloc Costs HP PD
R301	Num	8		Physician Costs HP CAPD
R302	Num	8		Physician Costs HP CCPD
R303	Num	8		RN Costs HP CAPD
R304	Num	8		RN Costs HP CCPD
R305	Num	8		LPN Costs HP CAPD
R306	Num	8		LPN Costs HP CCPD
R307	Num	8		N A Costs HP CAPD
R308	Num	8		N A Costs HP CCPD
R309	Num	8		Tech Costs HP CAPD
R310	Num	8		Tech Costs HP CCPD
R311	Num	8		S W Costs HP CAPD
R312	Num	8		S W Costs HP CCPD
R313	Num	8		pt Costs HP CAPD
R314	Num	8		pt Costs HP CCPD
R315	Num	8		Admin Costs HP CAPD .
R316	Num	8		Admin Costs HP CCPD
R317	Num	8		Managers Costs HP CAPD
R318	Num	8		Managers Costs HP CCPD
R319	Num	8		Other empl Costs HP CAPD
R320	Num	8		Other empl Costs HP CCPD
R321	Num	8		Dir Cap Costs HP CAPD
R322	Num	8		Dir Cap Costs HP CCPD
R323	Num	8		Sup Costs HP CAPD
R324	Num	8		Sup Costs HP CCPD
R325	Num	8		Purchased Ser Costs HP CAPD
R326	Num	8		Purchased Ser Costs HP CCPD
R327	Num	8		Other Costs HP CAPD

**FCOSHOS: Facility Cost Reports for Hospital Facilities (continued)**

Variable	Type	Length	Format	Comment
R328	Num	8		Other Costs HP CCPD
R329	Num	8		Cap rel Costs (B & F) HP CAPD
R330	Num	8		Cap rel Costs (B & F) HP CCPD
R331	Num	8		Cap rel Costs (ME) HP CAPD
R332	Num	8		Cap rel Costs (ME) HP CCPD
R333	Num	8		Emp Bene HP CAPD
R334	Num	8		Emp Bene HP CCPD
R335	Num	8		A & G HP CAPD
R336	Num	8		A & G HP CCPD
R337	Num	8		Maint. & Repairs HP CAPD
R338	Num	8		Maint. & Repairs HP CCPD
R339	Num	8		Nursing Admin. HP CAPD
R340	Num	8		Nursing Admin. HP CCPD
R341	Num	8		Nursing School HP CAPD
R342	Num	8		Nursing School HP CCPD
R343	Num	8		I & R Teaching HP CAPD
R344	Num	8		I & R Teaching HP CCPD
R345	Num	8		Ser & Sup HP CAPD
R346	Num	8		Ser & Sup HP CCPD
R347	Num	8		
R348	Num	8		Pharmacy HP CCPD
R349	Num	8		Other alloc Costs HP CAPD
R350	Num	8		Other alloc Costs HP CCPD
R351	Num	8		Lab HP CAPD
R352	Num	8		Lab HP CCPD
R353	Num	8		Respiratory Therapy HP CAPD
R354	Num	8		Respiratory Therapy HP CCPD
R355	Num	8		malpr HP CAPD 1/89-9/92 ONLY
R356	Num	8		malpr HP CCPD 1/89-9/92 ONLY
R357	Num	8		Total alloc Costs HP CAPD
R358	Num	8		Total alloc Costs HP CCPD
R359	Num	8		Total RN Hours
R360	Num	8		RN Hours O/P Hemo
R361	Num	8		RN Hours O/P PD
R362	Num	8		Total LPN Hours
R363	Num	8		LPN Hours O/P Hemo
R364	Num	8		LPN Hours O/P PD
R365	Num	8		Total Nurses Aides Hours
R366	Num	8		N A Hours O/P Hemo
R367	Num	8		N A Hours O/P PD
R368	Num	8		Total Technician Hours
R369	Num	8		Tech Hours O/P Hemo
R370	Num	8		Tech Hours O/P PD
R371	Num	8		Total Social Workers Hours
R372	Num	8		S W Hours O/P Hemo
R373	Num	8		S W Hours O/P PD
R374	Num	8		Total pts Hours
R375	Num	8		pt Hours O/P Hemo
R376	Num	8		pt Hours O/P PD
R377	Num	8		Total O/P Hemo Tments
R378	Num	8		Pgm O/P Hemo Tments
R379	Num	8		Total O/P PD Tments
R380	Num	8		Pgm O/P PD Tments
R381	Num	8		Total Trn Hemo Tments
R382	Num	8		Pgm Trn Hemo Tments
R383	Num	8		Total Trn PD Tments
R384	Num	8		Pgm Trn PD Tments
R385	Num	8		Total Trn CAPD Tments
R386	Num	8		Pgm Trn CAPD Tments
R387	Num	8		Total Trn CCPD Tments
R388	Num	8		Pgm Trn CCPD Tments
R389	Num	8		Total HP Hemo Tments
R390	Num	8		Pgm HP Hemo Tments
R391	Num	8		Total HP PD Tments

***FCOSHOS: Facility Cost Reports for Hospital Facilities (continued)***

Variable	Type	Length	Format	Comment
R392	Num	8		Pgm HP PD Tments
R393	Num	8		Total HP CAPD pt Weeks
R394	Num	8		Pgm HP CAPD pt Weeks
R395	Num	8		Total HP CCPD pt Weeks
R396	Num	8		Pgm HP CCPD pt Weeks
R397	Num	8		Reimburseable Bad Debts
YEAR	Num	4		

**FCOSIND: Facility Cost Reports for Independent Facilities**  
*Cost and staffing of dialysis facilities*

Variable	Type	Length	Format	Comment
PROVUSRD	Num	8	BEST	USRDS assigned facility ID
R2	Char	5		Cost Reporting Period Begin Date
R3	Char	5		first Reporting Period End Date
R4	Char	2		No. of Mths in Cost Report Period
R5	Char	1		Type of Control (Table I)
R12	Char	1		Cost Report Status (Table IV)
R15	Char	5		HCRIS Data File Create Date
R16	Num	8		Phys for Direct Patient Care
R17	Num	8		RNs for Direct Patient Care
R18	Num	8		LPNs for Patient Care
R19	Num	8		Nurs Aides Direct Patient Care
R20	Num	8		Techns for Direct Patient Care
R21	Num	8		Soc Work for Dir Patient Care
R22	Num	8		Dietic for Direct Patient Care
R23	Num	8		No of Machines for Regular Use
R24	Num	8		No of Standby Machines
R25	Num	8		Ave Times/Week Pt Receiv Dial
R26	Num	8		Days/Week Dial is Furn per Wk
R27	Num	8		Typ Mach time/week(1st shift)
R28	Num	8		Typ Machine time/week(2nd shift)
R29	Num	8		Typ Machine time/week(3rd shift)
R30	Num	8		Ave Time of Pt Dialysis
R31	Num	8		Times Dialyz Reus-Hollow Fiber
R32	Num	8		Times Dialyz Reus-Parall Plate
R33	Num	8		Dep, Op, Mnt- B&F O/P H Mnt
R34	Num	8		Dep, Rent, Mnt-M&E O/P H Mnt
R35	Num	8		Sal Dir Pt Care O/P H Maint
R36	Num	8		Emp Bene for Dir Pt O/P H Mnt
R37	Num	8		Drug Costs Alloc to O/P H Mnt
R38	Num	8		Supp Costs Alloc to O/P H Mnt
R39	Num	8		Lab Costs Alloc to O/P H Maint
R40	Num	8		A & G Costs Alloc to O/P H Mnt
R41	Num	8		Tot Costs Alloc to O/P H Mnt
R42	Num	8		Dep, Op, Mnt-B&F O/P PD Mnt
R43	Num	8		Dep, Rent, Mnt-M&E O/P PD Mnt
R44	Num	8		Salfor Dir Pt Care O/P PD Mnt
R45	Num	8		Emp Bene-Dir Pt Care O/P PD Mnt
R46	Num	8		Drug Costs Alloc to O/P PD Mnt
R47	Num	8		Sup Costs Alloc to O/P PD Mnt
R48	Num	8		Lab Costs Alloc to O/P PD Mnt
R49	Num	8		A & G Costs Alloc to O/P PD Mnt
R50	Num	8		Total Costs Alloc to O/P PD Mnt
R51	Num	8		Dep Op Mnt-B&F O/P H Trn
R52	Num	8		Dep Rent Mnt-M&E O/P H Trn
R53	Num	8		Sal for Dir Pt Care O/P H Trn
R54	Num	8		Emp Bene for Dir Pt Care O/P H Trn
R55	Num	8		Drug Costs Alloc to O/P H Trn
R56	Num	8		Supply Costs Alloc to O/P H Trn
R57	Num	8		Lab Costs Alloc to O/P H Trn
R58	Num	8		A & G Costs Alloc to O/P H Trn
R59	Num	8		Total Costs Alloc to O/P H Trn
R60	Num	8		Dep Op, Mnt-B&F O/P PD Trn
R61	Num	8		Dep, Rent, Mnt-M&E O/P PD Trn
R62	Num	8		Sal for Dir Pt Care O/P PD Trn
R63	Num	8		Emp Bene Dir Pt Care O/P PD Trn
R64	Num	8		Drug Costs Alloc to O/P PD Trn
R65	Num	8		Sup Costs Alloc to O/P PD Trn
R66	Num	8		Lab Costs Alloc to O/P PD Trn
R67	Num	8		A & G Costs Alloc to O/P PD Trn
R68	Num	8		Total Costs Alloc to O/P PD Trn
R69	Num	8		Dep, Op, Mnt-B&F O/P CAPD Trn
R70	Num	8		Dep, Rent, Mnt-M&E O/P CAPD Trn
R71	Num	8		Sal for Dir Pt O/P CAPD Trn

**FCOSIND: Facility Cost Reports for Independent Facilities (continued)**

Variable	Type	Length	Format	Comment
R72	Num	8		Emp Bene Dir Pt O/P CAPD Trn
R73	Num	8		Drug Costs O/P CAPD Trn
R74	Num	8		Sup Costs O/P CAPD Trn
R75	Num	8		Lab Costs O/P CAPD Trn
R76	Num	8		A & G Costs O/P CAPD Trn
R77	Num	8		Total Costs O/P CAPD Trn
R78	Num	8		Dep Op, Mnt -B&F HP H
R79	Num	8		Dep, Rent, Mnt -M&E HP H
R80	Num	8		Sal for Dir Pt Care HP H
R81	Num	8		Emp Bene for Dir Pt Care HP H
R82	Num	8		Drug Costs HP H
R83	Num	8		Sup Costs HP H
R84	Num	8		Lab Costs HP H
R85	Num	8		A & G Costs HP H
R86	Num	8		Total Costs HP H
R87	Num	8		Dep, Op, Mnt -B&F HP PD
R88	Num	8		Dep, Rent, Mnt -M&E HP PD
R89	Num	8		Sal for Dir Pt Care HP PD
R90	Num	8		Emp Bene for Dir Pt HP PD
R91	Num	8		Drug Costs HP PD
R92	Num	8		Sup Costs HP PD
R93	Num	8		Lab Costs HP PD
R94	Num	8		A & G Costs HP PD
R95	Num	8		Total Costs HP PD
R96	Num	8		Dep, Op, Mnt -B&F HP CAPD
R97	Num	8		Dep, Rent, Mnt-M&E HP CAPD
R98	Num	8		Sal for Dir Pt Care HP CAPD
R99	Num	8		Emp Bene for Dir Pt HP CAPD
R100	Num	8		Drug Costs HP CAPD
R101	Num	8		Sup Costs HP CAPD
R102	Num	8		Lab Costs HP CAPD
R103	Num	8		A & G Costs HP CAPD
R104	Num	8		Tot Costs HP CAPD
R105	Num	8		Tot of All Net Exp for Alloc
R106	Num	8		Dir Pt Care Hrs for H Mnt
R107	Num	8		Dir Pt Care Hrs for O/P PD Mnt
R108	Num	8		Dir Pt Care Hrs for O/P H Trn
R109	Num	8		Dir Pt Care Hrs for O/P PD Trn
R110	Num	8		Dir Pt Hrs for O/P CAPD Trn
R111	Num	8		Dir Pt Care Hrs for HP H
R112	Num	8		Dir Pt Care Hrs for HP PD
R113	Num	8		Dir Pt Care Hrs for HP CAPD
R114	Num	8		Total of Dir Pt Care Hrs
R115	Num	8		Total O/P H Maint
R116	Num	8		Medicare O/P H Maint
R117	Num	8		Total O/P PD Maint
R118	Num	8		Medicare O/P PD Maint
R119	Num	8		Total O/P H Trn
R120	Num	8		Medicare O/P H Trn
R121	Num	8		Total O/P PD Trn
R122	Num	8		Medicare O/P PD Trn
R123	Num	8		Total O/P CAPD Trn
R124	Num	8		Medicare O/P CAPD Trn
R125	Num	8		Total HP H
R126	Num	8		Medicare HP H
R127	Num	8		Total HP PD
R128	Num	8		Medicare HP PD
R129	Num	8		Total HP CAPD Weeks
R130	Num	8		Medicare HP CAPD Weeks
R131	Num	8		Reimb Bad Debt Amount
YEAR	Num	4		

**PEDGROW: Pediatric Growth**

All patients prevalent in 1990 who were born after December 31, 1970 are included in the study, with a study population of more than 3000 cases. The ESRD Networks began receiving data from units and centers with eligible patients in April, 1991. Data collection was completed by the Networks in the early fall of 1991.

Variable	Type	Length	Format	Comment
AGE	Num	8		Age at Date of First ESRD Service
CDEATH	Char	2	\$DEATHFM	Primary cause of death
COMPDATE	Num	8	MMDDYY	FORM COMPLETION DATE
CREAT_A	Num	8	BEST	SERUM CREATININE AS OF JAN90
CREAT_B	Num	8	BEST	SERUM CREATININE ON 2ND MODALITY
CREAT_C	Num	8	BEST	SERUM CREATININE ON 3RD MODALITY
CREAT_D	Num	8	BEST	SERUM CREATININE ON 4TH MODALITY
CREAT_E	Num	8	BEST	SERUM CREATININE AS OF DEC90
DIAG_CO	Char	5	\$	PRIMARY DIAGNOSIS CODE-IDC9CM
DIAGOTHA	Char	5	\$	OTHER DIAGNOSIS AS OF JAN90
DIAGOTHB	Char	5	\$	OTHER DIAGNOSIS ON 2ND MODALITY
DIAGOTHC	Char	5	\$	OTHER DIAGNOSIS ON 3RD MODALITY
DIAGOTHD	Char	5	\$	OTHER DIAGNOSIS AS 4TH MODALITY
DIAGSUM	Char	1	\$DIAGFMT	PRIMARY DIAGNOSIS, SUMMARY
DIED	Num	8	DATE	Date of Death
DISGRPC	Char	1	\$DISGRPC	Disease Group
DONOR_TY	Char	1	\$DTYPFMT	FIRST TRANSPLANT DONOR TYPE
EPO_1	Num	8	MMYY	EPO START DATE
EPO_2	Num	8	MMYY	EPO END DATE
EPO_91	Char	1	\$YESNO	USE OF EPO, PRE_1991
ETHNIC	Char	1	\$ETHFMT	ETHNICITY
FIRST_SE	Num	8	DATE	Date of First ESRD Service
GROW_HOR	Char	1	\$YESNO	USE OF GROWTH HORMONE THERAPY, PRE-1991
GROWHO_1	Num	8	MMYY	GROWTH HORMONE THERAPY START DATE
GROWHO_2	Num	8	MMYY	GROWTH HORMONE THERAPY END DATE
HD_CM_A	Num	8	BEST	HEAD CIRCUMFERENCE, IN CM AS OF JAN90
HD_CM_B	Num	8	BEST	HEAD CIRCUMFERENCE, IN CM ON 2ND MODAL
HD_CM_C	Num	8	BEST	HEAD CIRCUMFERENCE, IN CM ON 3RD MODAL
HD_CM_D	Num	8	BEST	HEAD CIRCUMFERENCE, IN CM ON 4TH MODAL
HD_CM_E	Num	8	BEST	HEAD CIRCUMFERENCE, IN CM AS OF DEC90
HDUNIT_A	Char	1	\$SHOWMEAS	UNITS OF MEASURE, HEAD CIRC AS OF JAN90
HDUNIT_B	Char	1	\$SHOWMEAS	UNITS OF MEASURE, HEAD CIRC ON 2ND MODAL
HDUNIT_C	Char	1	\$SHOWMEAS	UNITS OF MEASURE, HEAD CIRC ON 3RD MODAL
HDUNIT_D	Char	1	\$SHOWMEAS	UNITS OF MEASURE, HEAD CIRC ON 4TH MODAL
HDUNIT_E	Char	1	\$SHOWMEAS	UNITS OF MEASURE, HEAD CIRC AS OF DEC90
HEDDAT_A	Num	8	MMDDYY	DATE OF HEAD MEASURE. AS OF JAN90
HEDDAT_B	Num	8	MMDDYY	DATE OF HEAD MEASURE. ON 2ND MODAL
HEDDAT_C	Num	8	MMDDYY	DATE OF HEAD MEASURE. ON 3RD MODAL
HEDDAT_D	Num	8	MMDDYY	DATE OF HEAD MEASURE. ON 4TH MODAL
HEDDAT_E	Num	8	MMDDYY	DATE OF HEAD MEASURE. AS OF DEC90
HEMAT_A	Num	8	BEST	HEMATOCRIT, ROUNDED % AS OF JAN90
HEMAT_B	Num	8	BEST	HEMATOCRIT, ROUNDED % ON 2ND MODAL
HEMAT_C	Num	8	BEST	HEMATOCRIT, ROUNDED % ON 3RD MODAL
HEMAT_D	Num	8	BEST	HEMATOCRIT, ROUNDED % ON 4TH MODAL
HEMAT_E	Num	8	BEST	HEMATOCRIT, ROUNDED % AS OF DEC90
HEMDAT_A	Num	8	MMDDYY	DATE OF HEMATOCRIT AS OF JAN90 MOD
HEMDAT_B	Num	8	MMDDYY	DATE OF HEMATOCRIT ON 2ND MODAL
HEMDAT_C	Num	8	MMDDYY	DATE OF HEMATOCRIT ON 3RD MODAL
HEMDAT_D	Num	8	MMDDYY	DATE OF HEMATOCRIT ON 4TH MODAL
HEMDAT_E	Num	8	MMDDYY	DATE OF HEMATOCRIT AS OF DEC90 MOD
HT_CM_A	Num	8	BEST	HEIGHT, IN CENTIMETERS AS OF JAN90
HT_CM_B	Num	8	BEST	HEIGHT, IN CENTIMETERS ON 2ND MODAL
HT_CM_C	Num	8	BEST	HEIGHT, IN CENTIMETERS ON 3RD MODAL
HT_CM_D	Num	8	BEST	HEIGHT, IN CENTIMETERS ON 4TH MODAL
HT_CM_E	Num	8	BEST	HEIGHT, IN CENTIMETERS AS OF DEC90
HTDAT_A	Num	8	MMDDYY	DATE OF HEIGHT MEASURE. AS OF JAN90
HTDAT_B	Num	8	MMDDYY	DATE OF HEIGHT MEASURE. ON 2ND MODAL
HTDAT_C	Num	8	MMDDYY	DATE OF HEIGHT MEASURE. ON 3RD MODAL
HTDAT_D	Num	8	MMDDYY	DATE OF HEIGHT MEASURE. ON 4TH MODAL
HTDAT_E	Num	8	MMDDYY	DATE OF HEIGHT MEASURE. AS OF DEC90
HTPOS_A	Char	1	\$HPOSFMT	POSITION FOR HT. MEASURE AS OF JAN90

**PEDGROW: Pediatric Growth (continued)**

Variable	Type	Length	Format	Comment
HTPOS_B	Char	1	\$HPOSFMT	POSITION FOR HT. MEASURE ON 2ND MODAL
HTPOS_C	Char	1	\$HPOSFMT	POSITION FOR HT. MEASURE ON 3RD MODAL
HTPOS_D	Char	1	\$HPOSFMT	POSITION FOR HT. MEASURE ON 4TH MODAL
HTPOS_E	Char	1	\$HPOSFMT	POSITION FOR HT. MEASURE AS OF DEC90
HTUNIT_A	Char	1	\$SHOWMEAS	UNITS OF MEASURE., HEIGHT AS OF JAN90
HTUNIT_B	Char	1	\$SHOWMEAS	UNITS OF MEASURE., HEIGHT ON 2ND MODAL
HTUNIT_C	Char	1	\$SHOWMEAS	UNITS OF MEASURE., HEIGHT ON 3RD MODAL
HTUNIT_D	Char	1	\$SHOWMEAS	UNITS OF MEASURE., HEIGHT ON 4TH MODAL
HTUNIT_E	Char	1	\$SHOWMEAS	UNITS OF MEASURE., HEIGHT AS OF DEC90
INIT3	Char	3	\$	ABTRACTOR INITIALS
MENARCHE	Char	1	\$YESNO	HAS MENARCHE OCCURRED AS OF 12/31/90
MENS_PER	Num	8	MMDDYY	DATE OF FIRST MENSTRUAL PERIOD
MOD_A	Char	1	\$MODFMT	MODALITY CODE AS OF JAN90
MOD_B	Char	1	\$MODFMT	MODALITY CODE ON 2ND MODAL
MOD_C	Char	1	\$MODFMT	MODALITY CODE ON 3RD MODAL
MOD_D	Char	1	\$MODFMT	MODALITY CODE ON 4TH MODAL
MOD_E	Char	1	\$MODFMT	MODALITY CODE AS OF DEC90
MODDAT_A	Num	8	MMDDYY	MODALITY DATE AS OF OF JAN90
MODDAT_B	Num	8	MMDDYY	MODALITY DATE ON 2ND MODAL
MODDAT_C	Num	8	MMDDYY	MODALITY DATE ON 3RD MODAL
MODDAT_D	Num	8	MMDDYY	MODALITY DATE ON 4TH MODAL
MODDAT_E	Num	8	MMDDYY	MODALITY DATE AS OF OF DEC90
NETWORK	Char	2	\$NETFMT	ESRD Network
NOLABEL	Char	1	\$REASFMT	REASON PRE_LABELED FORM NOT COMPLETED
NOTES	Char	100	\$	NOTES WRITTEN ON DATA COLLECTION FORM
PDIS	Char	5	\$	PRIMARY DISEASE CAUSING ESRD
PROVUSRD	Num	8	BEST	KECC Assigned Facility ID
RACE	Char	1	\$RACEFMT	RACE
RECOVERY	Num	8	MMDDYY	RENAL RECOVERY, DATE OF LAST TREATMENT
RXDAY90	Char	1	\$RXGROUP	MODALITY AT DAY 90
RXSTOP	Char	1	\$RXSTOP	RX STOPPED PRIOR TO DEATH (1990 ON)
SCHOOL	Char	1	\$SCHOFMT	SCHOOL ATTENDANCE WHILE AT FAC., 1990
SERDAT_A	Num	8	MMDDYY	SERUM CREATININE DATE AS OF JAN90
SERDAT_B	Num	8	MMDDYY	SERUM CREATININE DATE ON 2ND MODAL
SERDAT_C	Num	8	MMDDYY	SERUM CREATININE DATE ON 3RD MODAL
SERDAT_D	Num	8	MMDDYY	SERUM CREATININE DATE ON 4TH MODAL
SERDAT_E	Num	8	MMDDYY	SERUM CREATININE DATE AS OF DEC90
SEX	Char	1	\$SEXFMT	GENDER
STATUS	Char	1	\$DESCFMT	STATUS CODE ON 12/31/90
STERDOSE	Num	8	BEST	DOSE (MG.), LAST DATE ON STEROIDS 1990
STERDUR	Num	8	BEST	DURATION OF STEROID USE (MONTHS), 1990
STEROID	Char	1	\$STERFMT	USE OF STEROIDS AT FACILITY DURING 1990
TANDAT_A	Num	8	MMDDYY	DATE OF TANNER STAGE CODING AS OF JAN90
TANDAT_E	Num	8	MMDDYY	DATE OF TANNER STAGE CODING AS OF DEC90
TANNER_A	Char	1	\$TANFMT	TANNER STAGE AS OF JAN90
TANNER_E	Char	1	\$TANFMT	TANNER STAGE AS OF DEC90
TOT_TX	Num	8		TOTAL TRANSPLANTS FOR THIS PATIENT
TREAT_1	Num	8	MMDDYY	TREATMENT PERIOD START DATE
TREAT_2	Num	8	MMDDYY	TREATMENT PERIOD END DATE
TXDATE	Num	8	MMDDYY	DATE OF FIRST TRANSPLANT
TXFAILED	Num	8	MMDDYY	FIRST TRANSPLANT FAILURE DATE
USRDS_ID	Num	8	BEST	USRDS PATIENT ID
WT_KG_A	Num	8	BEST	WEIGHT, IN KG AS OF JAN90
WT_KG_B	Num	8	BEST	WEIGHT, IN KG ON 2ND MODAL
WT_KG_C	Num	8	BEST	WEIGHT, IN KG ON 3RD MODAL
WT_KG_D	Num	8	BEST	WEIGHT, IN KG ON 4TH MODAL
WT_KG_E	Num	8	BEST	WEIGHT, IN KG AS OF DEC90
WTADJ_A	Char	1	\$WADJFMT	WEIGHT ADJ AS OF JAN90 - PD ONLY
WTADJ_B	Char	1	\$WADJFMT	WEIGHT ADJ ON 2ND MODAL - PD ONLY
WTADJ_C	Char	1	\$WADJFMT	WEIGHT ADJ ON 3RD MODAL - PD ONLY
WTADJ_D	Char	1	\$WADJFMT	WEIGHT ADJ ON 4TH MODAL - PD ONLY
WTADJ_E	Char	1	\$WADJFMT	WEIGHT ADJ AS OF DEC90 - PD ONLY
WTDAT_A	Num	8	MMDDYY	DATE OF WEIGHT MEASUREMENT AS OF JAN90

**PEDGROW: Pediatric Growth (continued)**

Variable	Type	Length	Format	Comment
WTDAT_B	Num	8	MMDDYY	DATE OF WEIGHT MEASUREMENT ON 2ND MODAL
WTDAT_C	Num	8	MMDDYY	DATE OF WEIGHT MEASUREMENT ON 3RD MODAL
WTDAT_D	Num	8	MMDDYY	DATE OF WEIGHT MEASUREMENT ON 4TH MODAL
WTDAT_E	Num	8	MMDDYY	DATE OF WEIGHT MEASUREMENT AS OF DEC90
WTUNIT_A	Char	1	\$HOWMEAS	UNITS OF MEASURE. WEIGHT AS OF JAN90
WTUNIT_B	Char	1	\$HOWMEAS	UNITS OF MEASURE. WEIGHT ON 2ND MODAL
WTUNIT_C	Char	1	\$HOWMEAS	UNITS OF MEASURE. WEIGHT ON 3RD MODAL
WTUNIT_D	Char	1	\$HOWMEAS	UNITS OF MEASURE. WEIGHT ON 4TH MODAL
WTUNIT_E	Char	1	\$HOWMEAS	UNITS OF MEASURE. WEIGHT AS OF DEC90
XFER_ID	Char	6	\$	FACIL. TRANSFERED FROM : PROVID
XFR2_ID	Char	6	\$	FACIL. TRANSFERED TO : PROVID



**WAV2UPDT: Wave 2 Special Study Updated with USRDS Established ESRD Dates**  
*Wave 2 Study with updated variables.*

Variable	Type	Length	Format	Comment
ABS_PULS	Char	1	\$\$SUSPCT	DW2.M B 5d: Absent foot pulses
AC1_SIDE	Char	1	\$\$SIDE	DW2.M C 5i: Hemo - Side of access FD dt
AC2_SIDE	Char	1	\$\$SIDE	DW2.M C 5i: Hemo - Side of access SS dt
ACCESS1	Char	1	\$VASTYPE	DW2.M C 5h: Hemo - Vascular access FD dt
ACCESS2	Char	1	\$VASTYPE	DW2.M C 5h: Hemo - Vascular access SS dt
ACCFAIL	Char	1	\$\$YESNO	DW2.M C 5j: Hemo - Access Fail
ACCLESS	Char	1	\$\$YESNO	D2Q A14: Phys Hlth: Accomplished less
ACCLESS2	Char	1	\$\$YESNO	DW2.PFUP A14: PH: Accomplish less liked
ACCMATUR	Char	1	\$\$YESNO	DW2.M C 5j: Hemo - Access mature
ACCREVIS	Char	1		DW2.M C 5j: Hemo - Access Revision
ACCTEMP	Char	1	\$\$YESNO	DW2.M C 5k: Hemo - Temp. Access
ACCTYPE	Char	1	\$VASTYPE	DW2.M C 5j: Hemo - Type of access
ACMPLS	Char	1	\$\$YESNO	D2Q A18: EP: Accomplished less than li
ACMPLS2	Char	1	\$\$YESNO	DW2.PFUP A18: EP: Accomplish less liked
ACSPROB	Char	1	\$\$EXTEN5B	D2Q A58: Problems with access/catheter
ACSPROB2	Char	1	\$\$EXTEN5B	DW2.PFUP A58: Problems, access or cath.
AFAIL_F1	Char	1	\$\$YESNO	DW2.MFUP C4: 1PVA fail predial, notused
AFAIL_F2	Char	1	\$\$YNUFMT	DW2.MFUP C5: 1PVA fail pstdial, afteruse
AFT_WTKG	Num	8		DW2.M C 2: Dry weight - Kilograms
AFT_WTLB	Num	8		DW2.M C 2: Dry weight - pounds
AGE	Num	8		Age at Date of First ESRD Service
AGE_GE60	Char	1		DW2.PFUP D: Age Greater than or =to60
AGE_LT60	Char	1		DW2.PFUP D: Age less than 60
AIDS	Char	1	\$\$HIVFMT	DW2.M B 11: Diagnosed w/ AIDS
ALONE	Char	1	\$\$ALONE	DW2.M C 10: Living Alone
AMPUTATA	Char	1	\$\$SUSPCT	DW2.M B 5b: Amputation due to PVD
AN_GRABN	Char	1	\$\$SUSPCT	DW2.M B 3f: Coronary Angio. abnormal
ANGINA	Char	1	\$\$SUSPCT	DW2.M B 3b: Angina
ANGIOGRA	Char	1	\$\$SUSPCT	DW2.M B 3f: Coronary Angiography
ANGIOPLA	Char	1	\$\$SUSPCT	DW2.M B 3e: Coronary Angioplasty
APPET	Char	1	\$\$EXTEN5B	D2Q A54: Lack of appetite
APPET2	Char	1	\$\$EXTEN5B	DW2.PFUP A54: Lack of appetite
APPLOSS	Char	1	\$\$TIMBF4A	D2Q B6: Onset of appetite loss
AROUSAB2	Char	1	\$\$PROBLEM	DW2.PFUP A67: Difficult,sexually aroused
AROUSABL	Char	1	\$\$PROBLEM	D2Q A67: Difficulty becoming sexually a
ASIDE_FU	Char	1	\$\$SIDE	DW2.MFUP C2: What Side was this 1stPVA
ASSTGVN	Char	1	\$\$YESNO	D2Q F6: Assistance given to complete fo
ASSTGVN2	Char	1	\$\$YESNO	DW2.PFUP E6: Assistance given w/ form
AVOIDBLD	Char	1	\$\$YESNON	D2Q B9: Told to avoid blood draws/intra
BATHING	Char	1	\$\$LIMIT3A	D2Q A12: Bathing/dressing self
BATHING2	Char	1	\$\$LIMIT3A	DW2.PFUP A12: Bathing or dressing self
BCROSS1	Char	1	\$\$YESNO	DW2.M A 9a: Blue Cross month bfore A6
BCROSS2	Char	1	\$\$YESNO	DW2.M A 9a: Blue Cross at/near A7
BEND	Char	1	\$\$LIMIT3A	D2Q A 8 Bending, kneeling, stooping
BEND2	Char	1	\$\$LIMIT3A	DW2.PFUP A8: Bending,kneeling,stooping
BESTQLTY	Char	1	\$\$QOLHDPD	D2Q C10: Which treatment provides best
BFR	Num	8		DW2.M C 5d: Hemo - Blood flow rate
BICARB	Char	1	\$\$YESNON	D2Q B8a: Treatment w/bicarbonate
BILAMP	Char	1		DW2.M C 1: Bilateral amputee
BLDTST	Char	1	\$\$TIMBF2A	D2Q B2: Blood test from physician
BODPAIN	Char	1	\$\$PAIN6A	D2Q A21: Amount of bodily pain
BODPAIN2	Char	1	\$\$PAIN6A	DW2.PFUP A21: Amount of Bodily Pain
BREATH	Char	1	\$\$EXTEN5B	D2Q A52: Shortness of breath
BREATH2	Char	1	\$\$EXTEN5B	DW2.PFUP A52: Shortness of Breath
BUN_BFST	Num	8		DW2.M D 9a: BUN of Urea value FSTdial
BUN_SD	Num	8		DW2.M C 7: BUN (same day)
BUNED_FU	Num	8		DW2.MFUP B4b: End BUN
BUNST_FU	Num	8		DW2.MFUP B4b: Start BUN
BUNWT_LK	Num	8		DW2.M D 9c: Pre/Pst Weight in Lb/KG
BURDEN	Char	1	\$\$TRUE5A	D2Q A40: Burden on family

**WAV2UPDT: Wave 2 Special Study Updated with USRDS Established ESRD Dates (continued)**

Variable	Type	Length	Format	Comment
BURDEN2	Char	1	\$TRUE5A	DW2.PFUP A40: Burden of Family
BURDFAM	Char	1	\$AGREE6A	D2Q C 8i: HD is burden on family
CABG	Char	1	\$SUSPCT	DW2.M B 3d: Bypass Surgery
CALM	Char	1	\$TIME6A	D2Q A26: Calm & peaceful
CALM2	Char	1	\$TIME6A	DW2.PFUP A26: Calm & Peaceful
CARDARR	Char	1	\$SUSPCT	DW2.M B 3g: Cardiac arrest
CATHDAY	Char	2		DW2.M C 6e: day of Catheter on SSD
CATHMTH	Char	2		DW2.M C 6e: mth of Catheter on SSD
CATHYR	Char	2		DW2.M C 6e: yr of Catheter on SSD
CEREBROV	Char	1	\$SUSPCT	DW2.M B 4a: Cerebrovascular Accident
CHD_CAD	Char	1	\$SUSPCT	DW2.M B 3a: Prior Dx of CHD/CAD
CHESTPN	Char	1	\$EXTEN5B	D2Q A48: Chest pain
CHESTPN2	Char	1	\$EXTEN5B	DW2.PFUP A48: Chest Pain
CHNG_DAY	Char	2		DW2.MFUP A1: Day of 1st change status
CHNG_FDT	Num	8	DATE	DW2.MFUP A1: Date of 1st Change In Statu
CHNG_MTH	Char	2		DW2.MFUP A1: Month of 1st change status
CHNG_TYP	Char	2	\$FUCHGTY	DW2.MFUP A1: Type of Change in Status
CHNG_YR	Char	2		DW2.MFUP A1: Year of 1st change status
CHOL_HDL	Num	8		DW2.M D 11b: HDL Cholesterol
CHOL_LDL	Num	8		DW2.M D 11c: LDL Cholesterol
CHOLEST	Num	8		DW2.M D 11a: Cholesterol
CHOSMTD	Char	1	\$SELECT	D2Q C 2: Method of choosing treatment
CLAUDIC	Char	1	\$SUSPCT	DW2.M B 5e: Claudication
CLIMBMLT	Char	1	\$LIMIT3A	D2Q A 6 Climbing sever flts of stairs
CLIMBMT2	Char	1	\$LIMIT3A	DW2.PFUP A6: Climbing Flights of stairs
CLIMBON2	Char	1	\$LIMIT3A	DW2.PFUP A7: Climbing 1flight of stairs
CLIMBONE	Char	1	\$LIMIT3A	D2Q A 7 Climbing 1 flt of stairs
CLOSENS	Char	1	\$IMPORT	D2Q C 7a: Impor of close facility
COMPDAY	Char	2		DW2.M A 2: day Completed
COMPDPPT	Char	1	\$YESNO	DW2.M : Patient complete Dialysis PtQ\
COMPMTH	Char	2		DW2.M A 2: mth Completed
COMPYR	Char	2		DW2.M A 2: yr Completed
CONFUSE	Char	1	\$TIME6A	D2Q A46: Become confused
CONFUSE2	Char	1	\$TIME6A	DW2.PFUP A46: Become Confused
CONG_H	Char	1	\$SUSPCT	DW2.M B 6a: Congestive Heart failure
CORR_PVA	Char	1	\$FUVATYP	DW2.MFUP C2: Corrected VAPerm type
CORRDY60	Char	2		DW2.MFUP : Correct Day of Day 60
CORRMOD	Char	30		DW2.MFUP : Correct Modality at Day60
CORRMT60	Char	2		DW2.MFUP : Correct Month of Day 60
CORRYR60	Char	2		DW2.MFUP : Correct Year of Day 60
COUNSLD	Char	1	\$TRUE5B	D2Q A78: Counseled to achieve full reha
COUNSLD2	Char	1	\$TRUE5B	DW2.PFUP A78: Staff, counsel full rehab
CRAMPS	Char	1	\$EXTEN5B	D2Q A49: Cramps
CRAMPS2	Char	1	\$EXTEN5B	DW2.PFUP A49: Cramps
CREAT1	Num	8		DW2.M D 8b: Serum Creatinine at SSDate
CREAT2	Num	8		DW2.M D 8a: Serum Creatinine Bf fst dial
CURR_DAY	Char	2		DW2.MFUP A2: Day of Current Status
CURR_MTH	Char	2		DW2.MFUP A2: Month of Current Status
CURR_YR	Char	2		DW2.MFUP A2: Year of Current Status
CURRFDT	Num	8	DATE	DW2.MFUP A2: Date of Current Status
CURRSTAT	Char	1	\$FUPSTAT	DW2.MFUP A2: Pts Current Status
DATE_DAY	Char	2		DW2.MFUP : Todays Day
DATE_FDT	Num	8	DATE	DW2.MFUP: Todays Date
DATE_MTH	Char	2		DW2.MFUP : Todays Month
DATE_YR	Char	2		DW2.MFUP : Todays Year
DATESAME	Char	1	\$YESNO	DW2.M A 8: was A6=earliest dial
DAYS_CYC	Num	8		DW2.M C 6c: days/week - cycler
DAYS_MAN	Num	8		DW2.M C 6c: days/Week - manual
DEPEND	Char	1	\$EXTEN5B	D2Q A63: Dependent on doctors/staff
DEPEND2	Char	1	\$EXTEN5B	DW2.PFUP A63: Dependent on Dr or Staff
DESWRK	Char	1	\$WANTWRK	D2Q F4: Desire to return to work
DESWRK2	Char	1	\$WANTWRK	DW2.PFUP E4: Like to return to work
DIALCRET	Num	8		DW2.M C 7: Dialysate Creatinine
DIALDAY	Char	2		DW2.M : First Dialysis day

WAV2UPDT: Wave 2 Special Study Updated with USRDS Established ESRD Dates (continued)

Variable	Type	Length	Format	Comment
DIALMAKE	Char	15		DW2.M C 5g: Hemo - Dialyzer make
DIALMODL	Char	19		DW2.M C 5g: Hemo - Dialyzer model
DIALMTH	Char	2		DW2.M : First Dialysis Month
DIALREUS	Char	1	\$IMPORT	D2Q C 7d: Dialyzer reuse policy
DIALTYP	Char	1	\$IMPORT	D2Q C 7c: Type of dialysis offered
DIALUNIT	Char	1	\$NOYES	D2Q D5: Who pays: Dialysis Unit
DIALUREA	Num	8		DW2.M C 7: Dialysate Urea N
DIALY_VM	Num	8		DW2.M C 6c: Total Dialysate volume/24hrs
DIALYR	Char	2		DW2.M : First Dialysis year
DIALYSAT	Char	1	\$DISATE	DW2.M C 5a: Dialysate
DIALYZER	Char	4		DW2.M C 5g: Hemo - Dialyzer type
DIETVST	Char	1	\$ONCE3A	D2Q B5: Visits with dietitian
DIETVST2	Char	1	\$ONCE3A	DW2.PFUP B1: Pst ESRD, visit dietitian
DIFFCON	Char	1	\$TIME6A	D2Q A44: Difficult to concentrate/think
DIFFCON2	Char	1	\$TIME6A	DW2.PFUP A44: Difficult to think/conctr
DIFFPER	Char	1	\$YESNO	D2Q A16: PH: Difficulty performing wor
DIFFPER2	Char	1	\$YESNO	DW2.PFUP A16: PH: Difficulty perform wrk
DIFWRK	Char	1	\$AGREE6A	D2Q C 8h: HD more difficult to work/sch
DITRST	Char	1	\$EXTEN5B	D2Q A60: Dietary restrictions
DITRST2	Char	1	\$EXTEN5B	DW2.PFUP A60: Dietary Restrictions
DMMS_ID	Num	8		DMMS Patient ID
DOWNBLU	Char	1	\$TIME6A	D2Q A28: Downhearted & blue
DOWNBLU2	Char	1	\$TIME6A	DW2.PFUP A28: Downhearted & Blue
DOWNDMP2	Char	1	\$TIME6A	DW2.PFUP A25: Down in Dumps
DOWNDUMP	Char	1	\$TIME6A	D2Q A25: Down in dumps
DPILLS	Char	1	\$NEVRFMT	DW2.M B 7b: Diabetes Pills
DRAIN	Char	1	\$EXTEN5B	D2Q A55: Washed out/drained
DRAIN2	Char	1	\$EXTEN5B	DW2.PFUP A55: Washed out or Drained
DRVOTHER	Char	1	\$NOYES	D2Q D3: Other reason pt. cannot drive
DRYSKN	Char	1	\$EXTEN5B	D2Q A51: Dry skin
DRYSKN2	Char	1	\$EXTEN5B	DW2.PFUP A51: Dry Skin
DX_DIAB	Char	1	\$SUSPCT	DW2.M B 7: Prior Dx of Diabetes
ECHOCARD	Char	1	\$YESNO	DW2.M D 2b: Left Ventr. hyper. by echogr
EDIALDAY	Char	2		DW2.M A 8a: Earliest day
EDIALMTH	Char	2		DW2.M A 8a: Earliest mth
EDIALYR	Char	2		DW2.M A 8a: Earliest yr
EDUCAT	Char	1	\$EDLEV	DW2.M C 11: Education
EKG	Char	1	\$YESNO	DW2.M D 2a: Left Ventr. Hyper. by EKG
EMP_2YR	Char	2	\$EMPDMMS	DW2.M C 13a: Emp. 24-6mths before ESRD
EMP_NDT	Char	2	\$EMPDMMS	DW2.M C 13a: Employment at SSDate
EMPLST	Char	1	\$WORK8A	D2Q A75: Employment status
EMPLST2	Char	1	\$WORK8A	DW2.PFUP A75: Employment status
ENCOURG2	Char	1	\$TRUE5B	DW2.PFUP A77: Staff, encour. normal life
ENCOURGD	Char	1	\$TRUE5B	D2Q A77: Encouraged to lead normal life
ENERGY	Char	1	\$TIME6A	D2Q A27: Lots of energy
ENERGY2	Char	1	\$TIME6A	DW2.PFUP A27: Lots of Energy
ENJSEX	Char	1	\$PROBLEM	D2Q A66: Ability to relax/enjoy sex
ENJSEX2	Char	1	\$PROBLEM	DW2.PFUP A66: Inability to enjoy Sex
EPO	Char	1	\$YESNON	D2Q B8b: Treatment w/erythropoietin
EPO1	Char	1	\$YESNO	DW2.M D 7a: Taking EPO
EPO_FS	Char	1	\$YESNO	DW2.M D 7a: Taking EPO During fst 60days
EPO_LAST	Char	1	\$YESNO	DW2.M D 7b: Taking EPO During 30days bf
EPOTYPE	Char	1	\$EPOADM	DW2.M D 7a: Type of EPO
ETHNIC	Char	1	\$YNFMT	DW2.M A 3: Ethnicity (Hispanic or Not)
EXCYDAY	Num	8		DW2.M C 6c: # exchanges/day - cycler
EXFREQ	Char	1	\$EXER	D2Q F1: Frequency of exercise
EXFREQ2	Char	1	\$EXER	DW2.PFUP E1: Frequency of Exercise
EXLHLTH	Char	1	\$TRUE5A	D2Q A36: Health is excellent
EXLHLTH2	Char	1	\$TRUE5A	DW2.PFUP A36: Health is excellent
EXMNDAY	Num	8		DW2.M C 6c: # exchanges/day - manual
EXP_PAT	Char	1	\$YESNO	DW2.PFUP : Patient Expired
EXPIRED	Char	1		DW2.MFUP : Patient Expired
FACCDAY	Char	2		DW2.M C 5j: Hemo - day of 1st use of VA
FACCMTH	Char	2		DW2.M C 5j: Hemo - mth of 1st use of VA

**WAV2UPDT: Wave 2 Special Study Updated with USRDS Established ESRD Dates (continued)**

Variable	Type	Length	Format	Comment
FACCOM	Char	1	\$IMPORT	D2Q C 7f: Comfort of facility
FACCYR	Char	2		DW2.M C 5j: Hemo - yr of 1st use of VA
FAIL_FDT	Num	8	DATE	DW2.MFUP C5: Date 1st Perm VA Failed
FAILDAY	Char	2		DW2.MFUP C5: 1PVA Failed after use, Day
FAILMTH	Char	2		DW2.MFUP C5: 1PVA Failed after use, Mth
FAILYR	Char	2		DW2.MFUP C5: 1PVA Failed after use, Yr
FAINT	Char	1	\$EXTEN5B	D2Q A53: Faintness/dizziness
FAINT2	Char	1	\$EXTEN5B	DW2.PFUP A53: Faintness/Dizziness
FDIALDAY	Char	2		DW2.M A 6: day of fst chron maint dial
FDIALMTH	Char	2		DW2.M A 6: mth of fst chron maint dial
FDIALYR	Char	2		DW2.M A 6: year of fst chron maint dial
FIRST_SE	Num	8	DATE	Date of First ESRD Service
FLDRST	Char	1	\$EXTEN5B	D2Q A59: Fluid restrictions
FLDRST2	Char	1	\$EXTEN5B	DW2.PFUP A59: Fluid Restrictions
FLDSTRCT	Char	1	\$AGREE6A	D2Q C 8e: Fluid restrict less on PD
FLEXIBLE	Char	1	\$AGREE6A	D2Q C 8c: PD allows more flexibility
FRIENDLY	Char	1	\$GOOD7A	D2Q A76: Friendliness/interest of staff
FRIENDY2	Char	1	\$GOOD7A	DW2.PFUP A76: Friendliness of staff
FROMMED	Num	8		Medical Questionnaire present
FROMPAT	Num	8		Patient/QOL Questionnaire present
FRUST	Char	1	\$TRUE5A	D2Q A39: Frustrated w/Kidney Disease
FRUST2	Char	1	\$TRUE5A	DW2.PFUP A39: Frustrated w/ Kidney Dis
FSTPDC	Char	1	\$YESNO	DW2.M C 6f: 1st PD cath
GETALNG	Char	1	\$TIME6A	D2Q A45: Get along well with others
GETALNG2	Char	1	\$TIME6A	DW2.PFUP A45: Get along well w/ others
GURNEY	Char	1	\$NOYES	D2Q D3: Must be transported on stretche
HAPPYPER	Char	1	\$TIME6A	D2Q A30: Happy person
HAPPYPR2	Char	1	\$TIME6A	DW2.PFUP A30: Happy Person
HELGEN	Char	1	\$GOOD5A	D2Q A 1 General Health
HELGEN2	Char	1	\$GOOD5A	DW2.PFUP A1: General Health
HELPRE	Char	1	\$COMPFMT	D2Q A 2 Health compared to prev year
HELPRE2	Char	1	\$COMPFMT	DW2.PFUP A2: Health compared to pre yr
HEMATO	Num	8		DW2.M D 6a: Hematocrit
HEMO2	Char	1		DW2.PFUP C: On Hemodialysis
HEMO_BPD	Char	1	\$YESNO	DW2.M C 6g: Hemo before SSD
HEMO_HRS	Num	8		DW2.M C 5b: Hemo - Presc hours/ treat
HEMO_MIN	Num	8		DW2.M C 5b: Hemo - Presc Minutes/ treat
HEMOGLOB	Num	8		DW2.M D 6b: Hemoglobin
HIV	Char	1	\$HIVFMT	DW2.M B 10: HIV Status
HLDISCPH	Char	1	\$NOYES	D2Q C 3: Ind. discussion with physician
HLDISCSW	Char	1	\$NOYES	D2Q C 3: Ind. discussion with social wor
HLFAMDIS	Char	1	\$NOYES	D2Q C 3: Ind. disc w/fam, friends, oth pts
HLGRPDIS	Char	1	\$NOYES	D2Q C 3: Grp. disc/class expl. tx option
HLOTHER	Char	1	\$NOYES	D2Q C 3: None of the above
HLTHEXP	Char	1	\$TRUE5A	D2Q A34: Healthy as anybody
HLTHEXP2	Char	1	\$TRUE5A	DW2.PFUP A34: Heathy as anybody
HLTWRS	Char	1	\$TRUE5A	D2Q A35: Expect health to worsen
HLTWRS2	Char	1	\$TRUE5A	DW2.PFUP A35: Expect health to worsen
HLVIDEO	Char	1	\$NOYES	D2Q C 3: Videotape materials
HLWRITEN	Char	1	\$NOYES	D2Q C 3: Written materials
HMO1	Char	1	\$YESNO	DW2.M A 9h: HMO mth bfore A6
HMO2	Char	1	\$YESNO	DW2.M A 9h: HMO at/near A7
HOWLRN2	Char	40		D2Q C 3a: Oth way inform of tx options,t
HRS_CYC	Num	8		DW2.M C 6c: total hrs/day on cycler
HT_CM	Num	8		DW2.M C 1: Height - Cm.
HT_FT	Num	8		DW2.M C 1: Height - ft.
HT_IN	Num	8		DW2.M C 1: Height - In.
IND_AMBU	Char	1	\$YESNO	DW2.M C 8c: Independent Ambulating
IND_EAT	Char	1	\$YESNO	DW2.M C 8a: Independent eating
IND_XFER	Char	1	\$YESNO	DW2.M C 8b: Independent transferring
INSULIN	Char	1	\$NEVRFMT	DW2.M B 7a: Insulin therapy
INTJUG	Char	1	\$ACCTYPE	DW2.M C 5k: Hemo - Internal Jugular
INTLIFE	Char	1	\$TRUE5A	D2Q A37: Kidney disease interferes w/li
INTLIFE2	Char	1	\$TRUE5A	DW2.PFUP A37: Kidney Dis interfer w/life

**WAV2UPDT: Wave 2 Special Study Updated with USRDS Established ESRD Dates (continued)**

Variable	Type	Length	Format	Comment
INTSOC	Char	1	\$TIME5A	D2Q A32: PH/EP interference w/social ac
INTSOC2	Char	1	\$TIME5A	DW2.PFUP A32: PH/EP interf. w/social act
IRRIT	Char	1	\$TIME6A	D2Q A43: Act irritable
IRRIT2	Char	1	\$TIME6A	DW2.PFUP A43: Act irritable
ISOLATE	Char	1	\$TIME6A	D2Q A41: Isolate self from others
ISOLATE2	Char	1	\$TIME6A	DW2.PFUP A41: Isolate self from others
ITCHSKN	Char	1	\$EXTEN5B	D2Q A50: Itchy skin
ITCHSKN2	Char	1	\$EXTEN5B	DW2.PFUP A50: Itchy Skin
LAST_DAY	Char	2		DW2.MFUP C5: 1PVA Last known Day of Use
LAST_FDT	Num	8	DATE	DW2.MFUP C5: Last Dt 1st PermVa used
LAST_MTH	Char	2		DW2.MFUP C5: 1PVA Last known Month Use
LAST_YR	Char	2		DW2.MFUP C5: 1PVA Last known Year of Use
LIFT	Char	1	\$LIMIT3A	D2Q A 5 Lift/carry groceries
LIFT2	Char	1	\$LIMIT3A	DW2.PFUP A5: Lift or carry groceries
LIMBAMP	Char	1	\$SUSPCT	DW2.M B 5c: Limb amputation (other)
LIMWRK	Char	1	\$YESNO	D2Q A15: PH: Limited in kind of work
LIMWRK2	Char	1	\$YESNO	DW2.PFUP A15: PH: Limited in kind of wrk
LIVEFAR	Char	1	\$AGREE6A	D2Q C 8k: Live far from HD facility
LONGER	Char	1	\$AGREE6A	D2Q C 8b: HD trtmnt more lengthy than PD
LONGLIFE	Char	1	\$QOLHDPD	D2Q C11: Which treatment provides longe
LOOKEMP	Char	1	\$YESNO	DW2.M C 14: Looking for Employment
LT_EXCY	Num	8		DW2.M C 6c: liters/exchange - Cyclcr
LT_EXMN	Num	8		DW2.M C 6c: liters/exchange - manual
LUNGDIS	Char	1	\$SUSPCT	DW2.M B 8: History of Lung Disease
MAR_STAT	Char	1	\$MARSTAT	DW2.M C 9: Marital Status
MCAID1	Char	1	\$YESNO	DW2.M A 9d: Medicaid month bfore A6
MCAID2	Char	1	\$YESNO	DW2.M A 9d: Medicaid at/near A7
MED1	Char	12		DW2.M D 15: Medications at SSD
MED2	Char	12		DW2.M D 15: Medications at SSD
MED3	Char	12		DW2.M D 15: Medications at SSD
MED4	Char	12		DW2.M D 15: Medications at SSD
MED5	Char	12		DW2.M D 15: Medications at SSD
MED6	Char	12		DW2.M D 15: Medications at SSD
MED7	Char	12		DW2.M D 15: Medications at SSD
MED8	Char	12		DW2.M D 15: Medications at SSD
MED9	Char	12		DW2.M D 15: Medications at SSD
MED10	Char	12		DW2.M D 15: Medications at SSD
MED11	Char	12		DW2.M D 15: Medications at SSD
MED12	Char	12		DW2.M D 15: Medications at SSD
MED13	Char	12		DW2.M D 15: Medications at SSD
MED14	Char	12		DW2.M D 15: Medications at SSD
MED15	Char	12		DW2.M D 15: Medications at SSD
MED2_1	Char	1	\$YESNO	DW2.M A 9c: Medicare secondary mth bf A6
MED2_2	Char	1	\$YESNO	DW2.M A 9c: Medicare secondary at/n A7
MEDICAR1	Char	1	\$YESNO	DW2.M A 9c: Medicare month bfore A6
MEDICAR2	Char	1	\$YESNO	DW2.M A 9c: Medicare at/near A7
MEDPEND	Char	1	\$YESNO	DW2.M A 9c: Medicare Pending at/n A7
MEDPROB	Char	1	\$AGREE6A	D2Q C 8l: Med probs precluded txt choice
METRANS	Char	1	\$TRANS	D2Q D2: Method of transportation to fac
MI	Char	1	\$SUSPCT	DW2.M B 3c: MI
MINFAC	Char	1	\$DIST	D2Q D1: # of minutes to dialysis facili
MISSEXG2	Char	1	\$MISSEDX	DW2.PFUP C4: # CAPD missed exchanges
MISSTRMT	Char	1	\$CYCLER	D2Q C13: # times cyclcr missed a treatm
MISSTRT2	Char	1	\$CYCLER	DW2.PFUP C5: # Cyclcr missed treatment
MISSXCHG	Char	1	\$MISSEDX	D2Q C12: # times CAPD patient missed ex
MOD_NOW	Char	1	\$FUMODAL	DW2.MFUP B1: Patients current Modality
MODACT	Char	1	\$LIMIT3A	D2Q A 4 Moderate acts: vacuuming, bowl
MODACT2	Char	1	\$LIMIT3A	DW2.PFUP A4: Moderate activities
MORESTRS	Char	1	\$AGREE6A	D2Q C 8g: PD more stressful than HD
MOSTIMP	Char	1		D2Q C 9: Most imp reason for txt choice
MUSSOR	Char	1	\$EXTEN5B	D2Q A47: Muscle soreness
MUSSOR2	Char	1	\$EXTEN5B	DW2.PFUP A47: Muscle Soreness
MYSELF	Char	1	\$NOYES	D2Q D5: Who pays: Myself/family
NAP	Char	1	\$YESNO	D2Q A69: Sleep/nap during day

**WAV2UPDT: Wave 2 Special Study Updated with USRDS Established ESRD Dates (continued)**

Variable	Type	Length	Format	Comment
NAP2	Char	1	\$YESNO	DW2.PFUP A69: Sleep or Nap more, Day
NAUSEA	Char	1	\$EXTEN5B	D2Q A57: Nausea/upset stomach
NAUSEA2	Char	1	\$EXTEN5B	DW2.PFUP A57: Nausea or Upset Stomache
NEEDHELP	Char	1	\$NOYES	D2Q D3: Requires help walking/climbing
NEEDLES	Char	1	\$AGREE6A	D2Q C 8f: Patient aversion to needles
NEO_TYP2	Char	2	\$NEOSITE	DW2.M B 9a: Neoplasm second site/type
NEO_TYPE	Char	2	\$NEOSITE	DW2.M B 9a: Neoplasm primary site/type
NEO_YEAR	Char	2		DW2.M B 9b: Year of first neoplasm Dx
NEOPLASM	Char	1	\$SUSPCT	DW2.M B 9: Neoplasms (other than skin)
NEPHVST	Char	1	\$VISITS	D2Q B4: Visits to nephrologist prior to
NERVPER	Char	1	\$TIME6A	D2Q A24: Nervous person
NERVPER2	Char	1	\$TIME6A	DW2.PFUP A24: Nervous Person
NET_FU	Char	3	\$NETFMT	DW2.MFUP : Network
NOCAR	Char	1	\$NOYES	D2Q D3: No access to a car
NODRIVE	Char	1	\$NOYES	D2Q D3: Does not know how to drive
NOINS1	Char	1	\$YESNO	DW2.M A 9g: No Insurance Mth bfore A6
NOINS2	Char	1	\$YESNO	DW2.M A 9g: No Insurance at/near A7
NOTABLE	Char	1	\$NOYES	D2Q D3: No longer able to drive a car
NOTDRIV2	Char	40		D2Q D3a: Other reason for not driving
NOTEMP	Char	1	\$NOYES	D2Q E1a: Not currently employed
NOTSTRCT	Char	1	\$AGREE6A	D2Q C 8d: Diet less strict with HD
NUMB	Char	1	\$EXTEN5B	D2Q A56: Numbness in hands/feet
NUMB2	Char	1	\$EXTEN5B	DW2.PFUP A56: Numbness in hands or feet
NUMMONTH	Char	2		D2Q B9a: # months prior to start of HD
NUMTRANS	Num	8		DW2.M D 6d: Number of Transfusions recd
NWLSBNFT	Char	1	\$NOYES	D2Q F3: Not working: Lose benefits, cl
NWLSBNT2	Char	1	\$NOYES	DW2.PFUP E3: S.Work: Would lose Benefits
NWNOFLX	Char	1	\$NOYES	D2Q F3: Not working: Facility sched. i
NWNOFLX2	Char	1	\$NOYES	DW2.PFUP E3: S.Work: Dial. Not Flexible
NWNOJB	Char	1	\$NOYES	D2Q F3: Not working: No other job avai
NWNOJB2	Char	1	\$NOYES	DW2.PFUP E3: S.Work: No job available
NWNOND	Char	1	\$NOYES	D2Q F3: Not working: Did not want/need
NWNOND2	Char	1	\$NOYES	DW2.PFUP E3: S.Work: No Need/Want to wrk
NWOTHDT	Char	1	\$NOYES	D2Q F3: Not working: Needed for other
NWOTHDT2	Char	1	\$NOYES	DW2.PFUP E3: S.Work: Needed for other
NWRTRD	Char	1	\$NOYES	D2Q F3: Not working: I am retired
NWRTRD2	Char	1	\$NOYES	DW2.PFUP E3: Stopped Work: I am retired
NWTOOSK	Char	1	\$NOYES	D2Q F3: Not working: Too sick, too muc
NWTOOSK2	Char	1	\$NOYES	DW2.PFUP E3: Stopped Work: Too sick
NWTRD	Char	1	\$NOYES	D2Q F3: Not working: Job is too tiring
NWTRD2	Char	1	\$NOYES	DW2.PFUP E3: Stopped Work: Job too tire
NWTRTDM	Char	1	\$NOYES	D2Q F3: Not working: Dial trt is too d
NWTRTDM2	Char	1	\$NOYES	DW2.PFUP E3: S.Work: Dial too demanding
OCCUPAT	Char	2	\$OCCUP	DW2.M C 12: Occupation level before ESRD
ODCAPDHM	Char	1	\$NOYES	D2Q C 1: Treat opt disc: CAPD at home
ODDIALHM	Char	1	\$NOYES	D2Q C 1: Treat opt disc: HD at home
ODDIALUN	Char	1	\$NOYES	D2Q C 1: Treat opt disc: HD in dial unit
ODOTHER	Char	1	\$NOYES	D2Q C 1: Treat opt disc: other
ODPERCEN	Char	1	\$NOYES	D2Q C 1: Treat opt disc: PD at center
ODPERCYC	Char	1	\$NOYES	D2Q C 1: Treat opt disc: PD with cycl ma
ODTRANS	Char	1	\$NOYES	D2Q C 1: Treat opt disc: Transplant
OTHINS1	Char	1	\$YESNO	DW2.M A 9f: Other Insurance Mth bfore A6
OTHINS2	Char	1	\$YESNO	DW2.M A 9f: Other Insurance at/near A7
OTHTRMT	Char	40		D2Q C 1a Other treat disc, text
PAININT	Char	1	\$EXTEN5A	D2Q A22: Amt of pain interference w/ wo
PAININT2	Char	1	\$EXTEN5A	DW2.PFUP A22: Amt of pain interf. w/work
PC_DIS	Char	1	\$PDISD2W	DW2.M B 1: Primary Cause of ESRD
PCATHDAY	Char	2		DW2.M C 5o: day PD catheter
PCATHMTH	Char	2		DW2.M C 5o: mth PD catheter
PCATHYR	Char	2		DW2.M C 5o: yr PD catheter
PD_BSSD	Char	1	\$YESNO	DW2.M C 5n: PD before SSD
PDCATH	Char	1		DW2.M C 6d: Type of PD cath on SSD
PDIAL2	Char	1		DW2.PFUP C: On Peritoneal Dialysis
PDIALTYP	Char	1	\$PDTYPE	DW2.M C 6b: PD - Dialysis Type

**WAV2UPDT: Wave 2 Special Study Updated with USRDS Established ESRD Dates (continued)**

Variable	Type	Length	Format	Comment
PDLOCAT	Char	1	\$PERILOC	DW2.M C 6a: PD - Dialysis Location
PEP	Char	1	\$TIME6A	D2Q A23: Full of pep
PEP2	Char	1	\$TIME6A	DW2.PFUP A23: Full of pep
PERHLP	Char	1	\$WHHLP2A	D2Q D4: Person who helps w/ transport
PERICARD	Char	1	\$\$SUSPCT	DW2.M B 6b: Pericarditis
PERITCOM	Char	1	\$AGREE6A	D2Q C 8a: Peritonitis common comp
PERMVA_B	Char	1	\$YESNO	DW2.M C 6h: Permanent VA before SSD
PHOSPH	Num	8		DW2.M D 4: Serum Phosphorous
PHYSREC	Char	1	\$IMPORT	D2Q C 7e: Physician recommendation
PHYSVST2	Char	1		DW2.PFUP B2: Visits or talk w/dial. phys
PRE_DBP	Num	8		DW2.M C 4a: DBP at SSD / predialysis
PRE_DBP2	Num	8		DW2.M C 4a: DBP at SSD / predial 2nd
PRE_DBP3	Num	8		DW2.M C 4a: DBP at SSD / predial 3rd
PRE_KGLB	Char	1	\$LBKG	DW2.MFUP B3a: Pre Weight in KG or LB
PRE_SBP	Num	8		DW2.M C 4a: SBP at SSD / predialysis
PRE_SBP2	Num	8		DW2.M C 4a: SBP at SSD / predial 2nd
PRE_SBP3	Num	8		DW2.M C 4a: SBP at SSD / predial 3rd
PREBN_FU	Num	8		DW2.MFUP B3a: Pre Dialysis BUN
PREBUN_1	Num	8		DW2.M D 9b: BUN Predialysis SSDate
PREBUN_2	Num	8		DW2.M D 14b: BUN Predial of U.Collect.
PRECREAT	Num	8		DW2.M D 14b: Pre Creatinine
PREWT	Num	8		DW2.M D 9c: WGT predialysis
PREWT_1	Num	8		DW2.M C 4a: Weight at SSD / predial
PREWT_2	Num	8		DW2.M C 4a: Weight at SSD / predial 2nd
PREWT_3	Num	8		DW2.M C 4a: Weight at SSD/ predial 3rd
PREWT_FU	Num	8		DW2.MFUP B3a: Pre Dialysis Weight
PRIVATE1	Char	1	\$YESNO	DW2.M A 9b: Private month before A6
PRIVATE2	Char	1	\$YESNO	DW2.M A 9b: Private at/near A7
PROVUSRD	Num	8		USRDS assigned provider ID
PRW_KGLB	Num	8		DW2.M C 4a: Weight predial Kg or Lb
PST_DBP	Num	8		DW2.M C 4b: DBP at SSD / pstdial
PST_DBP2	Num	8		DW2.M C 4b: DBP at SSD / pstdial 2nd
PST_DBP3	Num	8		DW2.M C 4b: DBP at SSD /pstdial 3rd
PST_KGLB	Char	1	\$LBKG	DW2.MFUP B3b: Post Weight in KG or LB
PST_SBP	Num	8		DW2.M C 4b: SBP at SSD / pstdial
PST_SBP2	Num	8		DW2.M C 4b: SBP at SSD / pstdial 2nd
PST_SBP3	Num	8		DW2.M C 4b: SBP at SSD /pstdial 3rd
PSTBN_FU	Num	8		DW2.MFUP B3b: Post Dialysis BUN
PSTBUN_1	Num	8		DW2.M D 9b: BUN Postdialysis SSDate
PSTBUN_2	Num	8		DW2.M D 14b: BUN pstdial of U. Collect.
PSTCREAT	Num	8		DW2.M D 14b: Post Creatinine
PSTWT	Num	8		DW2.M D 9c: WGT postdialysis
PSTWT_1	Num	8		DW2.M C 4b: Weight at SSD / postdial
PSTWT_2	Num	8		DW2.M C 4b: Weight at SSD / pstdial 2nd
PSTWT_3	Num	8		DW2.M C 4b: Weight at SSD/pstdial 3rd
PSTWT_FU	Num	8		DW2.MFUP B3b: Post Dialysis Weight
PUBAGEN	Char	1	\$NOYES	D2Q D5: Who pays: Public agency/charit
PULMED	Char	1	\$\$SUSPCT	DW2.M B 6c: Pulmonary edema
PVD	Char	1	\$\$SUSPCT	DW2.M B 5a: Peripheral Vascular Disease
QUALCAR	Char	1	\$GOOD5A	D2Q F2: Feelings about quality of self-
QUALCAR2	Char	1	\$GOOD5A	DW2.PFUP E2: Taking care of own Health
RCTSLOW	Char	1	\$TIME6A	D2Q A42: React slowly to things
RCTSLOW2	Char	1	\$TIME6A	DW2.PFUP A42: React slowly to things
REDTIM	Char	1	\$YESNO	D2Q A13: Phys Hlth: Reduced time on wo
REDTIM2	Char	1	\$YESNO	DW2.PFUP A13: PH: Reduced time on work
REDWRK	Char	1	\$YESNO	D2Q A17: EP: Reduced time on work/acti
REDWRK2	Char	1	\$YESNO	DW2.PFUP A17: EP: Reduced time on wrk
REST	Char	1	\$YESNO	D2Q A68: Lie down more often to rest
REST2	Char	1	\$YESNO	DW2.PFUP A68: Lie down more often, rest
REV1_DAY	Char	2		DW2.MFUP C6: 1st revision to 1PVA, Day
REV1_FDT	Num	8	DATE	DW2.MFUP C6: Dt 1st revision to 1PVA
REV1_MTH	Char	2		DW2.MFUP C6: 1st revision to 1PVA, Month
REV1_TYP	Char	1	\$FUREVTY	DW2.MFUP C6: 1st revision to 1PVA, Type
REV1_YR	Char	2		DW2.MFUP C6: 1st revision to 1PVA, Year

**WAV2UPDT: Wave 2 Special Study Updated with USRDS Established ESRD Dates (continued)**

Variable	Type	Length	Format	Comment
REV2_DAY	Char	2		DW2.MFUP C6: 2nd revision to 1PVA, Day
REV2_FDT	Num	8	DATE	DW2.MFUP C6: Dt 2nd revision to 2PVA
REV2_MTH	Char	2		DW2.MFUP C6: 2nd revision to 1PVA, Month
REV2_TYP	Char	1	\$FUREVTY	DW2.MFUP C6: 2nd revision to 1PVA, Type
REV2_YR	Char	2		DW2.MFUP C6: 2nd revision to 1PVA, year
S_RACE	Char	1	\$RACEDMS	DW2.M A 4: Race
S_SEX	Char	1	\$SEXFMT	
S_ZIP	Char	5		DW2.M A 5: Patients Zipcode
SCHDCHG2	Char	1	\$EXTEN5C	DW2.PFUP E5b: Dial sched changed, work
SCHDINT2	Char	1	\$EXTEN5C	DW2.PFUP E5a: D.Sched not interfer work
SCHDNOT2	Char	1	\$EXTEN5C	DW2.PFUP E5c: No Dial Shift to allow wrk
SCHEDCHG	Char	1	\$EXTEN5C	D2Q F5b: Treatment schedule could chang
SCHEDINT	Char	1	\$EXTEN5C	D2Q F5a: Treatment interfere w/ work sc
SCHEDNOT	Char	1	\$EXTEN5C	D2Q F5c: No treatment schedule avail to
SCRED_FU	Num	8		DW2.MFUP B4b: End Serum Creatinine
SCRST_FU	Num	8		DW2.MFUP B4b: Start Serum Creatinine
SER_ALB	Num	8		DW2.M D 10: Serum Albumin Predialysis
SER_ALUM	Num	8		DW2.M D 13: Serum Aluminum (random)
SER_BIC	Num	8		DW2.M D 5: Serum Bicarbonate
SER_CAL	Num	8		DW2.M D 3: Serum calcium, predialysis
SER_PTH	Num	8		DW2.M D 12: Serum intact PTH
SERCRET	Num	8		DW2.M C 7: Serum Creatinine
SESSIONS	Num	8		DW2.M C 5c: Hemo - No. Sessions / week
SEXLF	Char	1	\$EXTEN5B	D2Q A65: Sex life
SEXLF2	Char	1	\$EXTEN5B	DW2.PFUP A65: Sex Life
SGDAY_FU	Char	2		DW2.MFUP C3: Day of Surgery 1st VAPerm
SGMTH_FU	Char	2		DW2.MFUP C3: Mth of Surgery 1st VAPerm
SGYR_FU	Char	2		DW2.MFUP C3: Year of Surgery 1st VAPerm
SHRTDIAL	Num	8		DW2.M C 5m: Treats shortnd by gt 10 min
SHRTRMT	Char	1	\$CYCLER	D2Q C14: # times cyclr shortened treat
SHRTRMT2	Char	1	\$CYCLER	DW2.PFUP C6: # Cyclr shortened trts
SICK	Char	1	\$TRUE5A	D2Q A33: Get sick easier than others
SICK2	Char	1	\$TRUE5A	DW2.PFUP A33: Get sick easier than other
SIGDAY	Char	2		D2Q CV: Day of signature
SIGDAY2	Char	2		DW2.PFUP : Day of signature
SIGMONTH	Char	2		D2Q CV: Month of signature
SIGMTH2	Char	2		DW2.PFUP : Month of signature
SIGN_FDT	Num	8	DATE	DW2.MFUP: Date of Signature
SIGNAT	Char	1		D2Q CV: Presence of signature
SIGNED	Char	1	\$YESNO	DW2.PFUP :Is consent form signed?
SIGYR	Char	2		D2Q CV: Year of signature
SIGYR2	Char	2		DW2.PFUP : Year of signature
SKIPDIAL	Num	8		DW2.M C 5l: Number of treats skipped
SLEEPLS	Char	1	\$YESNO	D2Q A70: Sleep less at night
SLEEPLS2	Char	1	\$YESNO	DW2.PFUP A70: Sleep less at Night
SLEEPQLT	Char	2	\$QUAL10A	D2Q A71: Quality of sleep-30 days
SLEEPQT2	Char	2	\$QUAL10A	DW2.PFUP A71: Quality of sleep, last mth
SMOKING	Char	1		DW2.M B 2: Smoking status
SOCIALZE	Char	1	\$AGREE6A	D2Q C 8j: Like to socialize w/oth pts/st
SOCINT	Char	1	\$EXTEN5A	D2Q A20: Amt of interference w/ social
SOCINT2	Char	1	\$EXTEN5A	DW2.PFUP A20: Amt. of interf. w/ social
SPANQ2	Char	1	\$YESNO	DW2.PFUP : Questionnaire in Spanish
SSD_W2	Num	8	DATE	DW2.M A 7 Study start date
SSDAY	Char	2		DW2.M : Study Start day
SSDAY1	Char	2		DW2.M A 7: Study Start day A6+60days
SSDAY_FU	Char	2		DW2.MFUP : Study Start Day
SSMTH	Char	2		DW2.M : Study Start month
SSMTH1	Char	2		DW2.M A 7: Study Start mth A6+60days
SSMTH_FU	Char	2		DW2.MFUP : Study Start Month
SST_FDT	Num	8	DATE	DW2.MFUP: Study Start Date
SSTMOD	Char	1		DW2.MFUP : Modality at Study Start
SSYR	Char	2		DW2.M : Study Start year
SSYR1	Char	2		DW2.M A 7: Study Start yr A6+60days
SSYR_FU	Char	2		DW2.MFUP : Study Start Year



WAV2UPDT: Wave 2 Special Study Updated with

USRDS Established ESRD Dates (continued)

Variable	Type	Length	Format	Comment
STRESS	Char	1	\$EXTEN5B	D2Q A64: Stress/worried by kidney disea
STRESS2	Char	1	\$EXTEN5B	DW2.PFUP A64: Stress by Kidney Disease
SUBCLAV	Char	1	\$ACCTYPE	DW2.M C 5k: Hemo - Any Subclavian
SUPPORT	Char	1	\$GOOD5B	D2Q A73: Support from family/friends
SUPPORT2	Char	1	\$GOOD5B	DW2.PFUP A73: Support from friend&fam.
SURG_FDT	Num	8	DATE	DW2.MFUP C3: Dt of Surgery 1st permVA
SURGDAY	Char	2		DW2.M C 5j: day of Surgery for VA
SURGMTH	Char	2		DW2.M C 5j: mth of Surgery for VA
SURGYR	Char	2		DW2.M C 5j: yr of Surgery for VA
THRS_UC	Num	8		DW2.M D 14a: Total Hrs of Urine Collect.
THRSU_FU	Num	8		DW2.MFUP B4a: Total hours of urine Coll.
TIA	Char	1	\$SUSPCT	DW2.M B 4b: Transient Ischemic attacks
TIME	Char	1	\$TRUE5A	D2Q A38: Too much time spent on kidney
TIME2	Char	1	\$TRUE5A	DW2.PFUP A38: Too much time w/Kidney Dis
TIRED	Char	1	\$TIME6A	D2Q A31: Feel tired
TIRED2	Char	1	\$TIME6A	DW2.PFUP A31: Fell Tired
TOGETH	Char	1	\$GOOD5B	D2Q A72: Together w/ family & friends
TOGETH2	Char	1	\$GOOD5B	DW2.PFUP A72: Togetherness, friends&fam.
TOOWEAK	Char	1	\$NOYES	D2Q D3: Too weak/sick after dialysis
TRANDIS2	Char	1	\$YESNON	DW2.PFUP C1: Transplant option discussed
TRANEVL2	Char	1	\$YESNON	DW2.PFUP C2: Evaluated for a transplant
TRANPRB1	Char	1	\$YESNO	D2Q D6a: Short treatment due to transpo
TRANPRB2	Char	1	\$YESNO	D2Q D6b: Skip treatment due to transpor
TRANS	Char	1	\$YESNO	DW2.M D 6c: Receive Transfusion / 2mo
TRANSDIS	Char	1	\$YESNON	D2Q C 4: Transplant option discussed
TRANSEVL	Char	1	\$YESNON	D2Q C 5: Evaluated for Transplant
TREATMO	Char	1	\$HDPD	DW2.M : Modality of Treatment H/PD
TRIGLY	Num	8		DW2.M D 11d: Triglycerides
TRTSCHED	Char	1	\$IMPORT	D2Q C 7b: Conven. of treat sched.
TRVABL	Char	1	\$EXTEN5B	D2Q A62: Ability to travel
TRVABL2	Char	1	\$EXTEN5B	DW2.PFUP A62: Ability to travel
U_UNITS	Num	8		DW2.M D 14b: Urine Units
UCEDDT_D	Char	2		DW2.M D 14a: Urine Collect. end dt day
UCEDDT_M	Char	2		DW2.M D 14a: Urine Collect. end dt mth
UCEDTM_H	Char	2		DW2.M D 14a: Urine Collect. end tm. Hr
UCEDTM_M	Char	2		DW2.M D 14a: Urine Collect. end tm. min
UCEDTMDY	Char	1		DW2.M D 14a: Urine Collect. end AM/PM
UCSTDT_D	Char	2		DW2.M D 14a: Urine Collect. st. dt. Day
UCSTDT_M	Char	2		DW2.M D 14a: Urine Collect. st. Dt Month
UCSTTM_H	Char	2		DW2.M D 14a: Urine Collect. st. tm. Hr
UCSTTM_M	Char	2		DW2.M D 14a: Urine Collect. st. tm. Min
UCSTTMDY	Char	1		DW2.M D 14a: Urine Collect. st. AM/PM
UNDNOUR	Char	1	\$SUSPCT	DW2.M C 3: Undernourished
UNIT_TYP	Char	1	\$FUNITYP	DW2.MFUP B4b: Lab Values unit type
UREAVAL	Num	8		DW2.M D 9: Urea or BUN
URINE	Char	1	\$FUURINE	DW2.MFUP B2: Approx. urine output
URINE2	Char	1		DW2.PFUP B3: How much urine in 24 hours
URINE_CR	Num	8		DW2.M D 14b: Urine Creatinine
URINE_VM	Num	8		DW2.M D 14b: Urine Volume
URNCR_FU	Num	8		DW2.MFUP B4b: Urine Creatinine
URNE_FDT	Num	8	DATE	DW2.MFUP B4: Urine Collection End Dt
URNEDDAY	Char	2		DW2.MFUP B4a: Urine Collection End Day
URNEDMTH	Char	2		DW2.MFUP B4a: Urine Collection End Mth
URNEDTDY	Char	1		DW2.MFUP B4a: Urine Coll. End time day
URNEDTHR	Num	8		DW2.MFUP B4a: Urine Coll. End Time (hr)
URNEDTMN	Num	8		DW2.MFUP B4a: Urine Coll. End Time (min)
URNEDYR	Char	2		DW2.MFUP B4a: Urine Collection End Yr
URNNT_FU	Num	8		DW2.MFUP B4b: Urine Urea Nitrogen
URNS_FDT	Num	8	DATE	DW2.MFUP B4: Urine Collection St DT
URNSTDAY	Char	2		DW2.MFUP B4a: Urine Collection St. Day
URNSTMTH	Char	2		DW2.MFUP B4a: Urine Collection St. Mth
URNSTTDY	Char	1		DW2.MFUP B4a: Urine Coll. Start time day
URNSTTHR	Num	8		DW2.MFUP B4a: Urine Coll. Start time (hr)
URNSTTMN	Num	8		DW2.MFUP B4a: Urine Coll. Start time(min)

**WAV2UPDT: Wave 2 Special Study Updated with USRDS Established ESRD Dates (continued)**

Variable	Type	Length	Format	Comment
URNSTYR	Char	2		DW2.MFUP B4a: Urine Collection St. Year
URNVM_FU	Num	8		DW2.MFUP B4b: Urine Volume
USRDS_ID	Num	8		USRDS assigned patient ID
UUNITROG	Num	8		DW2.M D 14b: Urine Urea Nitrogen
VA1PM_FU	Char	1	\$FU VATYP	DW2.MFUP C2: 1st perm. VA type attempted
VA_1	Char	1	\$YESNO	DW2.M A 9e: VA mon before date A6
VA_2	Char	1	\$YESNO	DW2.M A 9e: VA at/near date A7
VA_REVIS	Char	1	\$YNUFMT	DW2.MFUP C6: Any revisions to 1st VAPerm
VADAY_FU	Char	2		DW2.MFUP C4: Day this 1st PVA was used
VAL_STAT	Num	8		Data validation status
VAMTH_FU	Char	2		DW2.MFUP C4: Month this 1st PVA was used
VAPRM_FU	Char	1	\$YESNO	DW2.MFUP C1: VA Perm ever attempted
VAST_FDT	Num	8	DATE	DW2.MFUP C4: Dt 1st Perm VA was used
VAYR_FU	Char	2		DW2.MFUP C4: Year this 1st PVA was used
VIGACT	Char	1	\$LIMIT3A	D2Q A 3 Vigorous acts: running, heavy
VIGACT2	Char	1	\$LIMIT3A	DW2.PFUP A3: Vigorous activities
VITAMN_D	Char	1	\$YESNO	DW2.M D 16: Injectable Vit.D at SSD
VOLDRAIN	Num	8		DW2.M C 7: Total Volume drained
VOMIT	Char	1	\$TIMBF4A	D2Q B7: Onset of nausea/vomiting
WAGERATE	Num	8		D2Q E1: Wage rate
WAGERT2	Num	8		DW2.PFUP D2: Hourly Wage Rate
WAGEST	Num	8		D2Q E2: Estimated wage rate if not empl
WAGEST2	Num	8		DW2.PFUP D3: Est. Hourly Wage Rate
WAITLIST	Char	1	\$YESNON	D2Q C 6: On a Transplant waitlist
WAITLST2	Char	1	\$YESNON	DW2.PFUP C3: On a transplant waitlist
WALKBLK	Char	1	\$LIMIT3A	D2Q A11: Walking, 1 block
WALKBLK2	Char	1	\$LIMIT3A	DW2.PFUP A11: Walking 1 block
WALKMLT	Char	1	\$LIMIT3A	D2Q A 9 Walking, > 1 mile
WALKMLT2	Char	1	\$LIMIT3A	DW2.PFUP A9: Walking, >1 Mile
WALKSEV	Char	1	\$LIMIT3A	D2Q A10: Walking, several blocks
WALKSEV2	Char	1	\$LIMIT3A	DW2.PFUP A10: Walking several blocks
WAS1VAP	Char	1	\$YESNO	DW2.MFUP C4: Was this 1st PVA ever used
WHNSAW	Char	1	\$TIMBF3A	D2Q B3: When patient first saw nephrolo
WHNTLD	Char	1	\$TIMBF1A	D2Q B1: When told of abnormal kidney fu
WHOGAVE	Char	1	\$WHOHELP	D2Q F7: Who helped complete form
WHOGAVE2	Char	1	\$WHOHELP	DW2.PFUP E7: Who Helped Complete Form
WORKING2	Char	1		DW2.PFUP D1: Working Status
WORNOUT	Char	1	\$TIME6A	D2Q A29: Worn out
WORNOUT2	Char	1	\$TIME6A	DW2.PFUP A29: Worn Out
WPOTHER	Char	1	\$NOYES	D2Q D5: Who pays: Other
WRKABL	Char	1	\$EXTEN5B	D2Q A61: Ability to work around house
WRKABL2	Char	1	\$EXTEN5B	DW2.PFUP A61: Ability to work in house
WRKCAR	Char	1	\$YESNO	D2Q A19: EP: Did not work as carefully
WRKCAR2	Char	1	\$YESNO	DW2.PFUP A19: EP: Didnt work as careful
WRKFT	Char	1	\$YESNO	D2Q A74b: Able to work full-time
WRKFT2	Char	1	\$YESNO	DW2.PFUP A74b: Able to work full-time
WRKLMT1	Char	1	\$YESNO	D2Q E3: Work type limited due to health
WRKLMT2	Char	1	\$YESNO	D2Q E4: Work amt limited due to health
WRKPT	Char	1	\$YESNO	D2Q A74a: Able to work part-time
WRKPT2	Char	1	\$YESNO	DW2.PFUP A74a: Able to work part-time
XRAY	Char	1	\$YESNO	DW2.M D 1: Cardiomegaly by X-ray
YEAR	Num	8		DW2.M A 7c year of study start date

**CORE CD-4****MEDEVID: Medical Evidence form**

Contains full data from the 1995 and 2005 versions of the CMS Medical Evidence Report (CMS-2728). This is the source of data regarding primary cause of renal disease and start date of chronic renal dialysis.

Variable	Type	Length	Format	Comment
ACCESSTYPE	Num	8	ACCESS	(18.d) What access was used on first outpatient dialysis
AIDS	Char	1	\$YNCFMT	AIDS (Q16r)
ALBUM	Num	8		(19.a.1) Serum Albumin Value (g/dl).
ALBUMDT	Num	8	MMDDYY	(19.a.1.1) Serum Albumin Date
ALBUMLM	Num	8		(19.a.2) Serum Albumin Lower Limit Value
ALCOH	Char	1	\$YNUFMT	Alcohol dependence (Q16o)
ALGCON	Char	1		Medical Evidence Algorithm Conflict
APDXTR	Char	1	\$YNUFMT	Bene Approved for Dial Train
APTXPR	Char	1	\$YNUFMT	Bene Approved for Pre-TX Services
AVFMATURING	Num	8		(18.d.1) If not AVF, then: Is maturing AVF present?
AVGMATURING	Num	8		(18.d.2) If not AVF, then: Is maturing graft present?
BMI	Num	8		Body Mass Index - Calculated
BUN	Num	8		BUN (Q18g)
BUNDAT	Num	8	MMDDYY	BUN date (Q18g)
CANCER	Char	1	\$YNUFMT	Cancer (Q16n)
CARARR	Char	1	\$YNUFMT	Cardiac arrest (Q16d)
CARFAIL	Char	1	\$YNUFMT	Congestive heart failure (16a)
COMO_ALCHO	Char	1		(17.p) Co-Morbid P: Alcohol dependence.
COMO_AMP	Char	1		(17.g) Co-Morbid G: Amputation.
COMO_ASHD	Char	1		(17.b) Co-Morbid B: Atherosclerotic heart disease ASHD.
COMO_CANC	Char	1		(17.n) Co-Morbid N: Malignant neoplasm, Cancer.
COMO_CHF	Char	1		(17.a) Co-Morbid A: Congestive heart failure.
COMO_COPD	Char	1		(17.l) Co-Morbid L: Chronic obstructive pulmonary disease.
COMO_CVATIA	Char	1		(17.d) Co-Morbid D: Cerebrovascular disease, CVA, TIA*.
COMO_DM_INS	Char	1		(17.h) Co-Morbid H: Diabetes, currently on insulin.
COMO_DM_NOMEDS	Char	1		(17.j) Co-Morbid J: Diabetes, without medications.
COMO_DM_ORAL	Char	1		(17.i) Co-Morbid I: Diabetes, on oral medications.
COMO_DM_RET	Char	1		(17.k) Co-Morbid K: Diabetic retinopathy.
COMO_DRUG	Char	1		(17.q) Co-Morbid Q: Drug dependence*.
COMO_HTN	Char	1		(17.f) Co-Morbid F: History of hypertension.
COMO_INAMB	Char	1		(17.r) Co-Morbid R: Inability to ambulate.
COMO_INST	Char	1		(17.u) Co-Morbid U: Institutionalized.
COMO_INST_AL	Char	1		(17.u1) Co-Morbid U1: Institutionalized - Assisted Living.
COMO_INST_NURS	Char	1		(17.u2) Co-Morbid U2: Institutionalized - Nursing Home.
COMO_INST_OTH	Char	1		(17.u3) Co-Morbid U3: Institutionalized - Other Institution.
COMO_INTRANS	Char	1		(17.s) Co-Morbid S: Inability to transfer.
COMO_NEEDASST	Char	1		(17.t) Co-Morbid T: Needs assistance with daily activities.
COMO_NONE	Char	1		(17.w) Co-Morbid W: None.
COMO_NRC	Char	1		(17.v) Co-Morbid V: Non-renal congenital abnormality.
COMO_OTHCARD	Char	1		(17.c) Co-Morbid C: Other cardiac disease.
COMO_PVD	Char	1		(17.e) Co-Morbid E: Peripheral vascular disease*.
COMO_TOBAC	Char	1		(17.m) Co-Morbid M: Tobacco use (current smoker).
COMO_TOXNEPH	Char	1		(17.o) Co-Morbid O: Toxic nephropathy.
COMORBID	Char	49		(17.) Concatenates the patients comorbidity factors
COUNTRY	Num	8	COUNTRY	(9.) Country
CRDATE	Num	8	MMDDYY	(CMS) Date this form was entered into the system.
CREA	Num	8		Creatinine clearance (Q18f)
CREADAT	Num	8	MMDDYY	Creatinine clearance date (Q18f)
CTDATE	Num	8	MMDDYY	(50.) Supervising Physician Signature Date.
CURTSIT	Char	1	\$MESET	(37) Current Dialysis Treatment Site.
CURTXS	Char	1	\$METXST	(34.) Transplant Status.
CVA	Char	1	\$YNUFMT	Cerebrovascular disease, CVA TIA (Q16g)
DECBAS	Char	1		(CMS) Decision regarding how the patient was confirmed as ESRD.
DIABINS	Char	1	\$YNUFMT	Diabetes, currently on insulin (Q16k)
DIABPRIM	Char	1	\$YNUFMT	Diabetes, (primary or contrib.) (Q16j)
DIALDAT	Num	8	MMDDYY	(24.) Date Regular Dialysis Began.
DIALEDT	Num	8	MMDDYY	(CMS) Date patient stopped dialysis therapy.
DIALRDAT	Num	8	MMDDYY	(36.) Dialysis Return date after a transplant rejection.
DIALSET	Char	1	\$MESET	(22.) Dialysis Setting.
DIALTYP	Char	1	\$MEDIATP	(23.) Dialysis Type.
DIED	Num	8	MMDDYY	(CMS) Date of patients death.

**MEDEVID: Medical Evidence form (continued)**

Variable	Type	Length	Format	Comment
DIETCARE	Num	8		(18.c) Was patient under care of kidney dietitian?
DIETCARERANGE	Num	8	RANGE	(18.c.1) Was patient under care of kidney dietitian? If Yes,6-12 or >12 months
DONORTYPE	Num	8	DONORTYP	(35.) Type of Donor
DRUG	Char	1	\$YNUFMT	Drug dependence (Q16p)
DVA	Char	1	\$YNUFMT	DVA coverage (Q10b)
DYSRHYT	Char	1	\$YNUFMT	Cardiac dysrhythmia (Q16e)
EDITIND	Char	1		Data Edit Errors
EMPCUR	Char	1	\$EMPSTAT	(16.) Summarizes the patients employment status at time of 2728 filing
EMPGRP	Char	1	\$YNUFMT	Employer group health insurance (Q10d)
EMPPREV	Char	1	\$EMPSTAT	(16.1) Summarizes the patients prior employment status
EPO	Char	1	\$YNUFMT	(18.a) Erythropoietin(EPO) was administered prior to dialysis or trans- plant.
EPORANGE	Num	8	RANGE	(18.a.1) Did patient receive EPO or equivalent? If Yes,6-12 or >12 months
ESRDCER	Char	1	\$YNUFMT	Network confirmed as ESRD
ETHN	Char	1	\$MEETH	(8.) Patients ethnicity.
FACSTD	Num	8	MMDDYY	(25.) Date Patient Started at 2728 Provider.
FORMVERSION	Num	8		(CMS) Form Version: Pre-1995, 1995, 2005
GFR	Num	8		GFR calculated (Ab. Levey or Schwartz)
HBA1C	Num	8		(19.d) HbA1c value (%)
HBA1CDATE	Num	8	MMDDYY	(19.d.1) HbA1c Date
HECRDT	Num	8	MMDDYY	Hematocrit date (Q18a)
HECRIT	Num	8		Hematocrit (Q18a)
HEGLB	Num	8		(19.c) Hemoglobin Value (g/dl).
HEGLBDT	Num	8	MMDDYY	(19.c.1) Hemoglobin Date.
HEIGHT	Num	8		(13.) Patient Height. (cm)
HEMOHOURS	Num	8		(23.2) Primary Type of Dialysis: Hemodialysis-(Hours per session)
HEMOSESSIONS	Num	8		(23.1) Primary Type of Dialysis: Hemodialysis-(Sessions per week)
HIV	Char	1	\$YNCFMT	HIV positive status (Q16q)
HYPERT	Char	1	\$YNUFMT	Hypertension (Q16i)
IHD	Char	1	\$YNUFMT	Ischemic heart disease (Q16b)
INC_AGE	Num	8		Age at incidence (ESRD date from profile)
INHOSP	Char	1		(CMS) Was patient admitted prior to the transplant.
LABMETHOD	Num	8		(19.a.3) Serum Albumin Lower Limit: Lab Method Used (BCG or BCP)
LIPIDPROFILEHDLDATE	Num	8	MMDDYY	(19.e.3.1) Lipid Profile HDL Date
LIPIDPROFILELDLDATE	Num	8	MMDDYY	(19.e.2.1) Lipid Profile LDL Date
LIPIDPROFILETC	Num	8		(19.e.1) Lipid Profile TC value (mg/dL)
LIPIDPROFILETCDATE	Num	8	MMDDYY	(19.e.1.1) Lipid Profile TC Date
LIPIDPROFILETG	Num	8		(19.e.4) Lipid Profile TG value (mg/dL)
LIPIDPROFILETGDATE	Num	8	MMDDYY	(19.e.4.1) Lipid Profile TG Date
LIPIDPROFILHDL	Num	8		(19.e.3) Lipid Profile HDL value (mg/dL)
LIPIDPROFILLDL	Num	8		(19.e.2) Lipid Profile LDL value (mg/dL)
MDCD	Char	1	\$YNUFMT	Medicaid coverage (Q10a)
MDCR	Char	1	\$YNUFMT	Medicare coverage (Q10c)
MDCRCOD	Char	1	\$YNUFMT	(11.) Patient is applying for ESRD Medicare.
MEDCOV_ADVANTAGE	Char	1		(12.) Patient is currently entitled to Federal Medicare Advantage benefits.
MEDCOV_GROUP	Char	1		(12.) Patient receives medical benefits through an employer group health plan.
MEDCOV_MEDDVA	Char	1		(12.) Patient is receiving medical care from a Department of Veterans Affairs facility.
MEDCOV_MEDICAID	Char	1		(12.) Patient is receiving state Medicaid benefits.
MEDCOV_MEDICARE	Char	1		(12.) Patient is currently entitled to Federal Medicare benefits.
MEDCOV_NONE	Char	1		(12.) Patient has no medical insurance plan.
MEDCOV_OTHER	Char	1		(12.) Patient is receiving other medical benefits.
MEDICALCOVERAGE	Char	13		(12.) Concatenates the patients Medical Coverage
MESEQ	Num	8		Number of Med Evidence forms filed
MI	Char	1	\$YNUFMT	Myocardial infarction (Q16c)
NEPHCARE	Num	8		(18.b) Was patient under care of a nephrologist?
NEPHCARERANGE	Num	8	RANGE	(18.b.1) Was patient under care of a nephrologist? If Yes,6-12 or >12 mths
NETADT	Num	8	MMDDYY	Network Action Date
NETWORK	Char	2	\$NETFMTN	(55. - 1995 Form) Network Number.
NOAMBUL	Char	1	\$YNUFMT	Inability to ambulate (Q16s)

NOCOV Char 1 \$YNUFMT No medical insurance (Q10f)  
**MEDEVID: Medical Evidence form (continued)**

Variable	Type	Length	Format	Comment
NOTRANS	Char	1	\$YNUFMT	Inability to transfer (Q16t)
OTHCOV	Char	1	\$YNUFMT	Other medical insurance (Q10e)
PATINFORMED	Num	8		(26.) Has patient been informed of kidney transplant options?
PATNOTINFORMEDREASON	Char	10	\$PATNOTI	(27.) Concatenates reason patient was NOT informed of transplant options
PATSIGN	Num	8	MMDDYY	(55.) Patient Signature Date.
PATTXOP_DECLINE	Char	1		(27.) Patient NOT informed of TX options: Patient declines information
PATTXOP_MEDUNFIT	Char	1		(27.) Patient NOT informed of TX options: Medically unfit
PATTXOP_OTHER	Char	1		(27.) Patient NOT informed of TX options: Other
PATTXOP_PHYSUNFIT	Char	1		(27.) Patient NOT informed of TX options: Psychologically unfit
PATTXOP_UNASSESSED	Char	1		(27.) Patient NOT informed of TX options: Patient has not been assessed
PATTXOP_UNsutAGE	Char	1		(27.) Patient NOT informed of TX options: Unsuitable due to age
PDIS	Char	6	\$DIAG	(15.) Primary Cause of Renal Failure
PERICAR	Char	1	\$YNUFMT	Pericarditis (Q16f)
PULMON	Char	1	\$YNUFMT	Chronic obstruc pulmon disease (Q16l)
PVASC	Char	1	\$YNUFMT	Periperal vascular disease (Q16h)
RACE	Char	9	\$MERACE	(10.) Patients race.
RACE_SUB_CODE	Char	4	\$SUB	(CMS) Sub race code as assigned by each Network. Previously SUB_CODE
RACEC	Char	9		(10.) Contanation of Patients race.
SERCR	Num	8		(19.b) Serum Creatine Value (mg/dl).
SERCRDT	Num	8	MMDDYY	(19.b.1) Serum Creatine Date.
SEX	Char	1	\$MESEX	(7.) Patients gender.
SMOKE	Char	1	\$YNUFMT	Tobacco use (Q16m)
SUB_CODE	Char	3		(CMS) Sub race code as assigned by each Network.
TDATE	Num	8	MMDDYY	(28.) Date of most recent transplant.
TRAINSET	Num	8	TRAINSET	(41.ab) Hemodialysis Training Setting: Home or Center
TRCERT	Char	1		(42.) Patient has/will complete training.
TRNEND	Num	8	MMDDYY	(43.) Dialysis Training End Date.
TRSTDAT	Num	8	MMDDYY	(40.) Dialysis Training Begin Date.
TXADMDT	Num	8	MMDDYY	(31.) Date patient entered prep hospital.
TYPE2728	Num	8	FORMTYPE	(A.) This Form is: Initial, Re-entitlement, or Supplemental
TYPTRN	Char	1	\$MEDIATP	(41.) Self Dialysis Training Type.
UREA	Num	8		Urea (Q18h)
UREADT	Num	8	MMDDYY	Urea date (Q18h)
USRDS_ID	Num	8	BEST	USRDS_ID
WEIGHT	Num	8		(14.) Patient Weight. (kg)

## TRANSPLANT CD-1 AND CD-2

*TXUNOS\_KI\_PRE\_JUL04 and TXUNOS\_KI\_POST\_JUL04: Kidney Transplants UNOS*

*Includes transplant details collected by UNOS for years since 1988.*

Variable	Type	Length	Format	Comment
<b>Variable</b>	<b>Type</b>	<b>Length</b>	<b>Format</b>	<b>Label</b>
ACADEMIC_LEVELL	Num	8	ACAACT	KIR: Recipient Academic Activity Level
ACADEMIC_LEVEL_L	Num	8	ACAACT	TCR_KI: Patient Academic Activity Level at Listing Time
ACADEMIC_PRG	Num	8	ACAPRG	KIR: Recipient Academic Progress
ACADEMIC_PRG_L	Num	8	ACAPRG	TCR_KI: Patient Academic Progress at Listing Time
ACUTE_REJ_EPI	Num	8	ACREJEPI	KIR: Did patient have any acute rejection episodes between tx and disch
ADMDATE	Num	8	MMDDYY	KIR: Date of Admission to Tx Center
AGE	Num	8		KIR: Recipient Age at Transplant Time
AGE_UNIT	Char	1	\$AGEUNIT	CDR: Age Unit
AGEDIAB	Num	8		TCR_KI: Patient Age of Diabetes Onset
AGEDIABI	Char	1	\$TRIND	TCR_KI: Patient Age of Diabetes Onset, Status
AGNT1	Num	8	INTROMED	CDR: Inotropic Medications at Time of Cross Clamp: Medication
AGNT2	Num	8	INTROMED	CDR: Inotropic Medications at Time of Cross Clamp: Medication
AGNT3	Num	8	INTROMED	CDR: Inotropic Medications at Time of Cross Clamp: Medication
AGNT_DOSE1	Num	8		CDR: Inotropic Medications at Time of Cross Clamp: Dosage At Time of Cross Clamp
AGNT_DOSE2	Num	8		CDR: Inotropic Medications at Time of Cross Clamp: Dosage At Time of Cross Clamp
AGNT_DOSE3	Num	8		CDR: Inotropic Medications at Time of Cross Clamp: Dosage At Time of Cross Clamp
AGNT_OSTXT1	Char	50	\$	CDR: Inotropic Medications at Time of Cross Clamp // Medication Specify
AGNT_OSTXT2	Char	50	\$	CDR: Inotropic Medications at Time of Cross Clamp // Medication Specify
AGNT_OSTXT3	Char	50	\$	CDR: Inotropic Medications at Time of Cross Clamp // Medication Specify
ALCOHOL_HEAVY	Char	1	\$YNUNK	CDR: Lifestyle Factors: Heavy Alcohol Use (heavy= 2+ drinks/day)
AMYLASE	Num	8		CDR: Terminal Lab Data: Serum Amylase
AMYLASE_I	Char	1	\$TRIND	CDR: Terminal Lab Data: Serum Amylase, Status
ANASTOM_TM_KI_LT	Num	8		KIR: Preservations Info: Anastomotic Time(LKI). Stop Separately Collect from 6/30/2004.
ANASTOM_TM_KI_LT_I	Char	1	\$TRIND	KIR: Preservations Info: Anastomotic Time/Status(LKI). Stop Separately Collect from 6/30/2004.
ANASTOM_TM_KI_RT	Num	8		KIR: Preservations Info: Anastomotic Time (RKI). Stop Separately Collect from 6/30/2004.
ANASTOM_TM_KI_RT_I	Char	1	\$TRIND	KIR: Preservations Info: Anastomotic Time/Status(RKI). Stop Separately Collect from 6/30/2004.
ANGINA	Num	8	ANGINAA	TCR_KI: Angina/Coronary Artery Disease. Stop Collect from 6/30/2004
ANGINA_CAD	Num	8	ANGINACA	TCR_KI: Angial / CAD at Listing Time
ANTI_VIRAL	Char	1	\$YNUNK	KIR: Treatment: Biological or Anti-viral Therapy(Y/N/U)
ANTI_VIRAL_TREATMENTS	Num	8	ANTIVIRL	KIR: If Anti-viral, check all that apply. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024.
ARGININE	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Arginine Vasopressin(Y/N/U)
BACK_TBL_FLUSH_DBL_ENBKI	Num	8	BTFLUSH	CDR: Donor Double Enbloc Kidney Back Table Flush Solution

Variable	Type	Length	Format	Comment
BACK_TBL_FLUSH_DBL_ENBKI_OSTXT	Char	50	\$	CDR: Donor Double Enbloc Kidney Back Table Flush Solution, Specify
BACK_TBL_FLUSH_KIL	Num	8	BTFLUSH	CDR: Donor Left Kidney Back Table Flush Solution
BACK_TBL_FLUSH_KIL_OSTXT	Char	50	\$	CDR: Donor Left Kidney Back Table Flush Solution, Specify
BACK_TBL_FLUSH_KIR	Num	8	BTFLUSH	CDR: Donor Right Kidney Back Table Flush Solution
BACK_TBL_FLUSH_KIR_OSTXT	Char	50	\$	CDR: Donor Right Kidney Back Table Flush Solution, Specify
BACK_TBL_FLUSH_PA	Num	8	BTFLUSH	CDR: Donor Pancreas Back Table Flush Solution
BACK_TBL_FLUSH_PA_OSTXT	Char	50	\$	CDR: Donor Pancreas Back Table Flush Solution, Specify
BACK_TBL_FLUSH_PA_SEG1	Num	8	BTFLUSH	CDR: Donor Pancreas Segment 1 Back Table Flush Solution
BACK_TBL_FLUSH_PA_SEG2	Num	8	BTFLUSH	CDR: Donor Pancreas Segment 2 Back Table Flush Solution
BACK_TBL_FLUSH_PA_SEG1_OSTXT	Char	50	\$	CDR: Donor Pancreas Segment 1 Back Table Flush Solution, Specify
BACK_TBL_FLUSH_PA_SEG2_OSTXT	Char	50	\$	CDR: Donor Pancreas Segment 2 Back Table Flush Solution, Specify
BANFF	Num	8	BANFFLEV	KIR: BANFF Level (Stages). Stop Collect from 6/30/2004.
BIOP_ARTER_SCLERO_LT	Num	8	KIBIOPVA	KIR: Biopsy of Dornor KI at Tx Center: Left KI Arteriosclerosis. Stop Collect from 6/30/2004
BIOP_ARTER_SCLERO_RT	Num	8	KIBIOPVA	KIR: Biopsy of Dornor KI at Tx Center: Right KI Arteriole Sclerosis. Stop Collect from 6/30/2004
BIOP_FIBROSIS_LT	Num	8	KIBIOPVA	KIR: Biopsy of Dornor KI at Tx Center: Left KI Fibrosis. Stop Collect from 6/30/2004
BIOP_FIBROSIS_RT	Num	8	KIBIOPVA	KIR: Biopsy of Dornor KI at Tx Center: Right KI Fibrosis. Stop Collect from 6/30/2004
BIOP_GLUMEROS_LT	Num	8	KI_GLUMR	KIR: Biopsy of Dornor KI at Tx Center: Left KI Glomerulosclerosis %. Stop Collect from 6/30/2004
BIOP_GLUMEROS_RT	Num	8	KI_GLUMR	KIR: Biopsy of Dornor KI at Tx Center: Glomerulosclerosis %. Stop Collect from 6/30/2004
BIOP_SECTION	Num	8	BIOPSEC	KIR: Biopsy of Donor KI Performed @ Tx Center. Stop Collect from 6/30/2004
BIOPSY_CONFIRMED	Num	8	BIOPCONF	KIR: Was biopsy done to confirm acute rejection
BLEED_REQ_TRANSFUS	Num	8	TRANSFUS	LDR: Bleeding Requiring Transfusion. Stop Collect From 2004
BLOOD_INF_CONF	Char	1	\$YNUNK	CDR: Clinical Infection: Blood // Confirmed by Culture
BMI	Num	8		KIR: Post-Tx - bmi
BMI_L	Num	8		TCR_KI: bmi at Listing Time
BMTX	Char	1		KIR: Multiple Organ Recipient: Bone Marrow(T/F)
BOTH1TXT	Char	50	\$	KIR: Biological or Anti-viral Therapy Specify
BOTH2TXT	Char	50	\$	KIR: Biological or Anti-viral Therapy Specify
BP_DIAS	Num	8		LDR: Preoperative Blood Pressure Diastolic
BP_DIASI	Char	1	\$TRIND	LDR: Preoperative Blood Pressure Diastolic, Status
BP_DISCH_DIAST	Num	8		LDR: At Discharge Diastolic. Stopped from Oct. 2004 file
BP_DISCH_DIAST_I	Char	1	\$TRIND	LDR: At Discharge Diastolic/Status. Stop Collect From 2004
BP_DISCH_SYST	Num	8		LDR: At Discharge Systolic. Stop Collect From 2004
BP_DISCH_SYST_I	Char	1	\$TRIND	LDR: At Discharge Systolic/Status. Stop Collect From 2004
BP_POSTOP_DIAST	Num	8		LDR: Post-Op (Within 6 weeks post-donation) Blood Pressure Diastolic
BP_POSTOP_DIAST_I	Char	1	\$TRIND	LDR: Post-Op (Within 6 weeks post-donation) Blood Pressure Diastolic, Status
BP_POSTOP_SYST	Num	8		LDR: Post-Op (Within 6 weeks post-donation) Blood Pressure Systolic
BP_POSTOP_SYST_I	Char	1	\$TRIND	LDR: Post-Op (Within 6 weeks post-donation) Blood Pressure Systolic, Status
BP_PRE	Num	8		LDR: Preoperative Blood Pressure Systolic
BP_PREI	Char	1	\$TRIND	LDR: Preoperative Blood Pressure Systolic, Status
BRAIN_DTH_TIME	Char	29		CDR: Date and time of pronouncement of death: (Complete for brain dead and DCD donors)

Variable	Type	Length	Format	Comment
CARDARREST_NEURO	Char	1	\$YNUNK	CDR: Cardiac arrest since neurological event that led to declaration of brain death
CDC_GROWTH_BMI	Num	8		KIR: BMI://%ile
CDC_GROWTH_BMI_L	Num	8		TCR_KI: cdc growth bmi at Listing Time
CDC_GROWTH_HGT	Num	8		KIR: Height Percentile//Growth Percentiles//%ile
CDC_GROWTH_HGT_L	Num	8		TCR_KI: cdc growth hgt at Listing Time
CDC_GROWTH_WGT	Num	8		KIR: Weight Percentile//Growth Percentiles//%ile
CDC_GROWTH_WGT_L	Num	8		TCR_KI: cdc growth wgt at Listing Time
CDC_RISK_HIV	Char	1	\$YNUNK	CDR: Does the Donor meet CDC guidelines for 'High Risk' for an organ donor
CELL_SRC_POS_XMAT1	Num	8	TGCELSRC	RHS: Positive Xmatch row 1//Target:
CELL_SRC_POS_XMAT2	Num	8	TGCELSRC	RHS: Positive Xmatch row 2//Target:
CELL_SRC_POS_XMAT3	Num	8	TGCELSRC	RHS: Positive Xmatch row 3//Target:
CELL_SRC_POS_XMAT4	Num	8	TGCELSRC	RHS: Positive Xmatch row 4//Target:
CELL_SRC_POS_XMAT5	Num	8	TGCELSRC	RHS: Positive Xmatch row 5//Target:
CELL_SRC_A	Num	8	TGTCSRC	RHS: Cell Source - Most Recent PRA. Stop Collect From 2004
CELL_SRC_B	Num	8	TGTCSRC	RHS: Cell Source - Peak PRA. Stop Collect From 2004
CELL_TY_POS_XMAT1	Num	8	CELL_TY	RHS: Positive Xmatch row 1//Cell Type:
CELL_TY_POS_XMAT2	Num	8	CELL_TY	RHS: Positive Xmatch row 2//Cell Type:
CELL_TY_POS_XMAT3	Num	8	CELL_TY	RHS: Positive Xmatch row 3//Cell Type:
CELL_TY_POS_XMAT4	Num	8	CELL_TY	RHS: Positive Xmatch row 4//Cell Type:
CELL_TY_POS_XMAT5	Num	8	CELL_TY	RHS: Positive Xmatch row 5//Cell Type:
CELL_TY_A	Num	8	CELL_TY	RHS: Cell Type - Most Recent PRA. Stop Collect From 2004
CELL_TY_B	Num	8	CELL_TY	RHS: Cell Type - Peak PRA. Stop Collect From 2004
CLAMP_TM_I	Char	1	\$TRIND	CDR: Clamp Time Status
CLAMP_TM_ZONE	Num	8	TIMEZONE	CDR: Clamp Time Zone
CMV	Char	2	\$SCREEN	KIR: Pretransplant CMV Detection: {CMV pre-UNet data}(P/N/U/ND). Stop Collect from 2/7/2007
CMV_CLINICAL	Char	2	\$YNUNK	KIR: Pretx: Was there clinical disease(Y/N/U). Stop Collect from 2/7/2007
CMV_CULTURE	Char	2	\$SCREEN	KIR: Pretransplant CMV Detection: Culture(P/N/U/ND). Stop Collect from 2/7/2007
CMV_DNA	Char	2	\$SCREEN	KIR: Pretransplant Serology: CMV DNA. Stop Collect from 6/30/2004
CMV_NUCLEIC	Char	2	\$SCREEN	KIR: Pretransplant CMV Detection: Nucleic Acid Testing(P/N/U/ND). Stop Collect from 2/7/2007
CMV_YN	Char	1	\$YNUNK	KIR: Pretx CMV(Y/N/U). Stop Collect from 2/7/2007
CMVIGG	Char	2	\$SCREEN	KIR: Pretransplant CMV Detection: IGG(P/N/U/ND)
CMVIGM	Char	2	\$SCREEN	KIR: Pretransplant CMV Detection: IGM(P/N/U/ND)
COGNITIVE_DEV	Num	8	COGDEVLP	KIR: Cognitive Development(Pediatric Only)
COGNITIVE_DEV_L	Num	8	COGDEVLP	TCR_KI: Cognitive Development(Pediatric Only) at Listing Time
COLD_ISCH_PUMP_KI_LT	Num	8		KIR: Total Cold ischemia Time Left KI(OR EN-BLOC): (if pumped, include pump time)
COLD_ISCH_PUMP_KI_LT_I	Char	1	\$TRIND	KIR: Total Cold ischemia Time Left KI, status
COLD_ISCH_PUMP_KI_RT	Num	8		KIR: Total Cold ischemia Time Right KI(OR EN-BLOC): (if pumped, include pump time)
COLD_ISCH_PUMP_KI_RT_I	Char	1	\$TRIND	KIR: Total Cold ischemia Time Right KI, status
COLD_ISCH_TM_LT	Num	8		KIR: Total Cold Ischemic Time KI Left. Stop Separately Collect from 6/30/2004
COLD_ISCH_TM_LT_I	Char	1	\$TRIND	KIR: Total Cold Ischemic Time/Status KI Left. Stop Separately Collect from 6/30/2004



Variable	Type	Length	Format	Comment
COLD_ISCH_TM_RT	Num	8		KIR: Total Cold Ischemic Time KI Right. Stop Separately Collect from 6/30/2004
COLD_ISCH_TM_RT_I	Char	1	\$TRIND	KIR: Total Cold Ischemic Time/Status KI Right. Stop Separately Collect from 6/30/2004
CONSENT_ATTORNEY	Char	1		
CONSENT_DOC_MECH_OSTXT	Char	50	\$	CDR: Other Consent Mechanism intent to be a donor, Specify
CONSENT_DON_CARD	Char	1		
CONSENT_DON_REGIS	Char	1		
CONSENT_DRIVE_LIC	Char	1		
CONSENT_LIV_WILL	Char	5	\$YNUNK	CDR: Consent based solely on written documentation: mechanisms/ Living will. Stop Collect From 2004
CONSENT_PX_WRIT_DOC	Char	1	\$YNUNK	CDR: Was the consent based solely on this documentation
CONSENT_TIME	Char	29		CDR: Date and time consent obtained for first organ
CONSENT_WRIT_DOC_INTENT	Char	1	\$YNUNK	CDR: Did the patient have written documentation of their intent to be a donor
CONTIN_ALCOHOL	Char	1	\$YNUNK	CDR: Continued alcohol in last six months. Stop Collect From 2004
CONTIN_COCAINE	Char	1	\$YNUNK	CDR: Lifestyle Factors: Cocaine Use AND continued in last six months
CONTIN_IV_DRUG	Char	1	\$YNUNK	CDR: Continued IV Drug Use in last six months. Stop Collect From 2004
CONTROLLED	Char	1	\$YNUNK	CDR: If Was a DCD donor, controlled(Y/N/U)
CONVERT_OPEN_KI	Char	1	\$YNUNK	LDR: Kidney Surgical Information: Conversion from Laparoscopic to Open
COUNTRY	Char	3	\$CTRY	TCR_KI: Non_Resident Alien. Home Country. Stop Collect from 6/30/2004
CREAT_CLEAR	Num	8		KIR: Pretransplant Creatinine Clearance. Stop Collect from 6/30/2004
CREAT_CLEAR_I	Char	1	\$YNUNK	KIR: Pretransplant Creatinine Clearance/Status. Stop Collect from 6/30/2004
CREAT_CLEAR_I_L	Char	1	\$YNUNK	TCR_KI: Creatinine Clearance/Status at Listing Time. Stop Collect from 6/30/2004
CREAT_CLEAR_L	Num	8		TCR_KI: Creatinine Clearance at Listing Time. Stop Collect from 6/30/2004
CREAT_CLEAR_METH	Num	8	CREATMET	KIR: Pretransplant Creatinine Clearance Method. Stop Collect from 6/30/2004
CREAT_CLEAR_METH_L	Num	8	CREATMET	TCR_KI: Creatinine Clearance/Method at Listing Time. Stop Collect from 6/30/2004
CREATDEC	Char	1	\$YNUNK	KIR: Creatinine decline by 25% or more in first 24 hours on 2 separate samples(Y/N)
CRSMATCH_DONE_PERIOD	Char	1	\$YNUNK	RHS: If Crossmatch Done yes, was the crossmatch prospective to transplant
CTR_TY	Char	3	\$	KIR: Transplant Center Type
CTR_TY_LISTING	Char	3	\$	TCR_KI: Listing Center Type
CVASCR	Char	1	\$YNUNK	TCR_KI: Symptomatic Cerebrovascular Disease at Listing Time
D_F_TY	Char	3	\$	LDR: DONOR WORKUP FACILITY
DA1	Char	5		USRDS: DONOR HLA TYPING A(1)
DA2	Char	5		USRDS: DONOR HLA TYPING A(2)
DA1D	Char	8		DHS: Typing Method Class I: A(1)
DA1R	Char	8		RHS: Donor HLA Retyping A(1)
DA2D	Char	8		DHS: Typing Method Class I: A(2)
DA2R	Char	8		RHS: Donor HLA Retyping A(2)
DABO	Char	3	\$	CDR: ABO Blood Group
DAGE	Num	8		CDR / LDR: Donor Age in Months

Variable	Type	Length	Format	Comment
DANCONV	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Anticonvulsants(Y/N/U)
DANHYP	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Antihypertensives(Y/N/U)
DANTIHBC	Char	2	\$SCREEN	CDR: Serology: Anti-HBC
DANTIHCV	Char	2	\$SCREEN	CDR: Serology: Anti-HCV
DB1	Char	5		USRDS: DONOR HLA TYPING B(1)
DB2	Char	5		USRDS: DONOR HLA TYPING B(2)
DB1D	Char	8		DHS: Typing Method Class I: B(1)
DB1R	Char	8		RHS: Donor HLA Retyping B(1)
DB2D	Char	8		DHS: Typing Method Class I: B(2)
DB2R	Char	8		RHS: Donor HLA Retyping B(2)
DBL_ENB_KIDISCD	Num	8	DISCD_CD	CDR: Reason organ not transplanted - Double Enbloc Kidney
DBL_ENB_KIDISCDTXT	Char	50	\$	CDR: Reason organ not transplanted - Double Enbloc Kidney, Specify
DBL_ENB_KITXT	Char	50	\$	CDR: Organ Dispositions: Reason Code - Double/En-bloc Kidney, Specify
DBLDINF	Char	1		
DBUN	Num	8		CDR: Terminal Lab Data: BUN
DBUNST	Char	1	\$TRIND	CDR: Terminal Lab Data: BUN, Status
DBW4D	Num	8	WKGRPHLA	DHS: Typing Method Class I: Bw4
DBW4R	Num	8	WKGRPHLA	RHS: Donor Retyping - Typing Method Class I: Bw4
DBW6D	Num	8	WKGRPHLA	DHS: Typing Method Class I: Bw6
DBW6R	Num	8	WKGRPHLA	RHS: Donor Retyping - Typing Method Class I: Bw6
DCANCER	Char	50	\$	CDR / LDR: History of Cancer, Specify
DCDATE	Num	8	MMDDYY	KIR: Date of Discharge from Tx Center
DCITY	Char	20	\$	CDR / LDR: Home City
DCITZ	Num	8	CITIZEN	CDR / LDR: Donor Citizenship
DCMV	Char	2	\$SCREEN	CDR / LDR: Serology: Anti-CMV
DCMV_CLINICAL	Char	2	\$YNUNK	LDR: Viral Detection: DCMV_YN / If Yes, Was there clinical disease
DCMV_CULTURE	Char	2	\$SCREEN	LDR: Viral Detection: DCMV_YN / If Yes, Culture
DCMV_DNA	Char	2	\$SCREEN	LDR: Donor CMV DNA. Stop Collect From 2004
DCMV_IGG	Char	2	\$SCREEN	LDR: Viral Detection: CMV IGG
DCMV_IGM	Char	2	\$SCREEN	LDR: Viral Detection: CMV IGM
DCMV_NUCLEIC	Char	2	\$SCREEN	LDR: Viral Detection: DCMV_YN / If Yes, Nucleic Acid Testing
DCMV_YN	Char	1	\$YNUNK	LDR: Viral Detection: CMV tested
DCNFREE	Num	8		CDR / LDR: History of Cancer: Cancer Free Interval(years)
DCNFREEST	Char	1	\$TRIND	CDR / LDR: History of Cancer: Cancer Free Interval, Status
DCNTRY	Char	3	\$CTRY	CDR: Home Country
DCOD	Num	8	DON_COD	CDR: Deceased Donor Cause of Death
DCODTXT	Char	50	\$	CDR / LDR: Cause of Death, Specify
DCONCIG	Char	1	\$YNUNK	CDR: Lifestyle Factors: Cigarette Use AND continued in last six months
DCORCOOL	Char	1	\$YNUNK	CDR: If Was this a DCD donor Yes, Core Cooling Used
DCOTDRUG	Char	1	\$YNUNK	CDR: Lifestyle Factors: Other Drug Use AND continued in last six months
DCREAT	Num	8		CDR / LDR: Donor Pre-Donation Serum Creatinine
DCREST	Char	1	\$TRIND	CDR / LDR: Donor Pre-Donation Serum Creatinine, Status
DCW1D	Num	8	CWHLA	DHS: Typing Method Class I: Cw(1)
DCW1R	Num	8	CWHLA	RHS: Donor Retyping - Typing Method Class I: Cw1
DCW2D	Num	8	CWHLA	DHS: Typing Method Class I: Cw(2)

Variable	Type	Length	Format	Comment
DCW2R	Num	8	CWHLA	RHS: Donor Retyping - Typing Method Class I: Cw2
DDAVP	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: DDAVP(Y/N/U)
DDCLMPDT	Num	8	MMDDYY	CDR: Clamp Date
DDCLMPTM	Char	10		CDR: Clamp Time
DDIET	Char	1	\$YNUNK	CDR: If History of Hypertension, Method of control: Diet(Y/N/U)
DDIUR	Char	1	\$YNUNK	CDR: If History of Hypertension, Method of control: Diuretics(Y/N/U)
DDOBUT	Char	1	\$YNUNK	CDR: Medications given to donor (24 hours prior to cross clamp): Dobutamine. Stop Separately Collect From 2003
DDOD	Num	8	MMDDYY	LDR: Date of Death
DDOPA	Char	1	\$YNUNK	CDR: Medications given to donor (24 hours prior to cross clamp): Dopamine. Stop Separately Collect From 2003
DDP1D	Num	8	DPHLA	DHS: Typing Method Class II: DPW(1)
DDP2D	Num	8	DPHLA	DHS: Typing Method Class II: DPW(2)
DDPW1R	Num	8	DPHLA	RHS: Donor Retyping - Typing Method Class II: DPw1
DDPW2R	Num	8	DPHLA	RHS: Donor Retyping - Typing Method Class II: DPw2
DDQ1D	Num	8	DQHLA	DHS: Typing Method Class II: DQ(1)
DDQ2D	Num	8	DQHLA	DHS: Typing Method Class II: DQ(2)
DDQW1R	Num	8	DQHLA	RHS: Donor Retyping - Typing Method Class II: DQw1
DDQW2R	Num	8	DQHLA	RHS: Donor Retyping - Typing Method Class II: DQw2
DDR1	Char	5		USRDS: DONOR HLA TYPING DR(1)
DDR2	Char	5		USRDS: DONOR HLA TYPING DR(2)
DDR1D	Char	8	\$DRLOCUS	DHS: Typing Method Class II: DR(1)
DDR1R	Char	8	\$DRLOCUS	RHS: Donor HLA Retyping DR(1)
DDR2D	Char	8	\$DRLOCUS	DHS: Typing Method Class II: DR(2)
DDR2R	Char	8	\$DRLOCUS	RHS: Donor HLA Retyping DR(2)
DDR51D	Num	8	WKGRPHLA	DHS: Typing Method Class II: DR51
DDR52D	Num	8	WKGRPHLA	DHS: Typing Method Class II: DR52
DDR53D	Num	8	WKGRPHLA	DHS: Typing Method Class II: DR53
DDRW51R	Num	8	WKGRPHLA	RHS: Donor Retyping - Typing Method Class II: DR51
DDRW52R	Num	8	WKGRPHLA	RHS: Donor Retyping - Typing Method Class II: DR52
DDRW53R	Num	8	WKGRPHLA	RHS: Donor Retyping - Typing Method Class II: DR53
DEBNA	Char	2	\$SCREEN	CDR: Serology: EBNA
DEBV	Char	1	\$YNUNK	LDR: Viral Detection: EBV tested
DEBV_CLINICAL	Char	2	\$YNUNK	LDR: Viral Detection: EBV / If Yes, Was there clinical disease
DEBV_IGG	Char	2	\$SCREEN	CDR: Serology: EBV(VCA)(IgG)
DEBV_IGM	Char	2	\$SCREEN	CDR: Serology: EBV(VCA)(IgM)
DEDUC	Num	8	ED_LEVEL	LDR: Living Donor Highest Education Level
DEPSTDNA	Char	2	\$SCREEN	LDR: Viral Detection: EBV DNA
DEPSTIGG	Char	2	\$SCREEN	LDR: Viral Detection: EBV IgG
DEPSTIGM	Char	2	\$SCREEN	LDR: Viral Detection: EBV IgM
DEXCNCR	Char	1	\$YNUNK	CDR: Cancer at time of procurement: Extracranial(Y/N/U)
DFUNCSTAT	Num	8	FUNCSTAT	LDR: Donor Functional Status
DHBCOR	Char	2	\$SCREEN	LDR: Viral Detection: HBV Core Antibody
DHBSAB	Char	2	\$SCREEN	CDR: Serology: HBsAb
DHBSAG	Char	2	\$SCREEN	LDR: Viral Detection: HBV Surface Antigen
DHBV	Char	1	\$YNUNK	LDR: Viral Detection: HBV tested
DHBV_CLINICAL	Char	2	\$YNUNK	LDR: Viral Detection: HBV / If Yes, Was there clinical disease

Variable	Type	Length	Format	Comment
DHBV_HDV	Char	2	\$\$SCREEN	LDR: Viral Detection: HBV HDV (Delta Virus)
DHBV_LI_HIST	Char	2	\$\$SCREEN	LDR: Viral Detection: HBV Liver Histology
DHBVDNA	Char	2	\$\$SCREEN	LDR: Viral Detection: HBV DNA
DHCRIBA	Char	2	\$\$SCREEN	LDR: Viral Detection: HCV RIBA
DHCSCRN	Char	2	\$\$SCREEN	LDR: Viral Detection: HCV Antibody
DHCV	Char	1	\$\$YNUNK	LDR: Viral Detection: HCV tested
DHCV_CLINICAL	Char	2	\$\$YNUNK	LDR: Viral Detection: HCV / If Yes, Was there clinical disease
DHCV_LI_HIST	Char	2	\$\$SCREEN	LDR: Viral Detection: HCV Liver Histology
DHCVRNA	Char	2	\$\$SCREEN	LDR: Viral Detection: HCV RNA
DHDIAB	Num	8	HISTDIAB	CDR: History of Diabetes
DHGT	Num	8		CDR / LDR: Height(for LDR: Post-Op(Within 6 weeks post-donation))
DHGTST	Char	1	\$\$TRIND	CDR / LDR: Height in cm Status
DHHYP	Num	8	HISTHYPE	CDR / LDR: Donor History of Hypertension
DHISP	Char	1	\$\$ETHFMT	CDR / LDR: Donor Hispanic Ethnicity
DHISTCIG	Char	1	\$\$YNUNK	CDR / LDR: Lifestyle Factors: Cigarette Use - Ever
DHIV	Char	2	\$\$SCREEN	CDR: Serology: Anti-HIV I/II
DHIV_ANTIBODY	Char	2	\$\$SCREEN	LDR: Viral Detection: HIV Antibody
DHIV_CLINICAL	Char	2	\$\$YNUNK	LDR: Viral Detection: HIV / If Yes, Was there clinical disease
DHIV_RNA	Char	2	\$\$SCREEN	LDR: Viral Detection: HIV RNA
DHIV_YN	Char	1	\$\$YNUNK	LDR: Viral Detection: HIV tested
DHIVCNF	Char	2	\$\$SCREEN	LDR: Serology: HIV Confirmation(pre 2004 data)
DHIVSCRN	Char	2	\$\$SCREEN	LDR: Serology: HIV Screening(pre 2004 data)
DHLATYP	Char	1	\$\$YNUNK	DHS: Donor HLA Typed(Y/N/U)
DIAB_TREAT	Num	8	DIABTRET	LDR: Diabetes Treatment. Multiple selections. The value is comb of value(s) 1, 2, 4
DIABD	Char	1	\$\$YNUNK	LDR: Diabetes(Y/N/U)
DIABR	Num	8	DIAB_TY	TCR_KI: Diabetes / Type at Listing Time
DIALDT	Num	8	MMDDYY	KIR: If Pretransplant Dialysis Yes, Date First Dialyzed
DIALDTI	Char	1	\$\$TRIND	KIR: If Pretransplant Dialysis Yes, Date First Dialyzed, Status
DIALR	Num	8	DIAB_TY	TCR_KI: Dialysis Type at Listing Time
DICCNCR	Char	1	\$\$YNUNK	CDR: Cancer at time of procurement: Intracranial(Y/N/U)
DINFCT	Char	1	\$\$YNUNK	CDR: Clinical Infection
DINSDEP	Num	8	INSDEP	CDR: Insulin Dependent
DISP_DBL_ENB_KI	Num	8	DISPOS	CDR: Donor Double Enbloc Kidney Disposition Code
DISP_LKI	Num	8	DISPOS	CDR: Donor Left Kidney Disposition Code
DISP_PA	Num	8	DISPOS	CDR: Donor Pancreas Disposition Code
DISP_PA_SEG1	Num	8	DISPOS	CDR: Donor Pancreas Segment 1 Disposition Code
DISP_PA_SEG2	Num	8	DISPOS	CDR: Donor Pancreas Segment 2 Disposition Code
DISP_RKI	Num	8	DISPOS	CDR: Donor Right Kidney Disposition Code
DIVDRUG	Char	1	\$\$YNUNK	CDR: IV Drug Use -Ever. Stop Collect From 2003
DNHTBEAT	Char	1	\$\$YNUNK	CDR: Was this a DCD donor (non - heartbeating)
DON_ORG	Char	4	\$\$	KIR: Previous Transplant Organ
DON_ORG1	Char	8		TCR_KI: Previous Transplant Organ at Listing Time
DON_ORG2	Char	8		TCR_KI: Previous Transplant Organ at Listing Time
DON_ORG3	Char	8		TCR_KI: Previous Transplant Organ at Listing Time
DON_RETYP_CLASS1	Char	1	\$\$YNUNK	RHS: Donor Retyping - Donor Retyped Class I
DON_RETYP_CLASS2	Char	1	\$\$YNUNK	RHS: Donor Retyping - Donor Retyped Class II

Variable	Type	Length	Format	Comment
DON_SPEC_TXFUS	Char	1	\$YNUNK	KIR: Pretransplant: Any Donor Specific Transfusions. Stop Collect from 6/30/2004
DONATION	Char	1	\$YNUNK	LDR: Secondary Source of Payment: Donation. Stop Collect From 2004
DONID	Char	7	\$	KIR: UNOS Donor ID #
DONREL_U	Num	8	DON_REL	LDR: Donor Type
DOSE_DUR1	Num	8		CDR: Inotropic Medications at Time of Cross Clamp: Final Dosage Duration(hours)
DOSE_DUR2	Num	8		CDR: Inotropic Medications at Time of Cross Clamp: Final Dosage Duration(hours)
DOSE_DUR3	Num	8		CDR: Inotropic Medications at Time of Cross Clamp: Final Dosage Duration(hours)
DOSE_UNITS1	Num	8	INTROUNT	CDR: Inotropic Medications at Time of Cross Clamp: Final Dosage Units
DOSE_UNITS2	Num	8	INTROUNT	CDR: Inotropic Medications at Time of Cross Clamp: Final Dosage Units
DOSE_UNITS3	Num	8	INTROUNT	CDR: Inotropic Medications at Time of Cross Clamp: Final Dosage Units
DOTHDRUG	Char	1	\$YNUNK	CDR: Lifestyle Factors: Other Drug Use (non - IV) - Ever
DOTHINF	Char	1		
DOTHITXT	Char	50	\$	CDR: Clinical Infection - other, specify
DOTHMED1	Char	50		CDR: Medications administered within 24 hr prior to crossclamp: Other /Specify
DOTHMED2	Char	50		CDR: Medications administered within 24 hr prior to crossclamp: Other /Specify
DOTHMED3	Char	50		CDR: Medications administered within 24 hr prior to crossclamp: Other /Specify
DOTHYMED	Char	1	\$YNUNK	CDR: If History of Hypertension, Method of control: Other Hypertensive Med(Y/N/U)
DPHYSICAL_CAPACITY	Num	8	PHYSCAP	LDR: Donor Physical Capacity
DPINF	Char	1		
DPTDIUR	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Diuretics(Y/N/U)
DPTHEP	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Heparin(Y/N/U)
DPTOTH1	Char	50		CDR: Other Medications administered within 24 hr prior to crossclamp: Specify
DPTOTH2	Char	50		CDR: Other Medications administered within 24 hr prior to crossclamp: Specify
DPTOTH3	Char	50		CDR: Other Medications administered within 24 hr prior to crossclamp: Specify
DPTOTH4	Char	50		CDR: Received Prerecovery Medication, Other specify. Stop Collect From 2003
DPTREAT	Char	1	\$YNUNK	CDR: Donor Received Prerecovery Medication(Y/N/U). Stop Collect From 2003
DPTSTER	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Steroids(Y/N/U)
DRACE	Char	3	\$RACEFMT	CDR / LDR: Donor Race
DRECVDT	Num	8	MMDDYY	CDR / LDR: Orang Recovery Date
DRETYMD1	Num	8	HLA_TYMT	RHS: Donor Typing Method Class I:
DRETYMD2	Num	8	HLA_TYMT	RHS: Donor Typing Method Class II:
DRETYP	Char	1	\$YNUNK	RHS: Donor Retyped at Your Center:
DRETYP1DT	Num	8	MMDDYY	RHS: Date Typing Completed Class I
DRETYP2DT	Num	8	MMDDYY	RHS: Date Typing Completed Class II

Variable	Type	Length	Format	Comment
DRETYPTGT1	Num	8	TGCELSRC	RHS: Donor Retyping - Target Cell Source Class I. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32
DRETYPTGT2	Num	8	TGCELSRC	RHS: Donor Retyping - Target Cell Source Class II. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32
DRH	Char	1		CDR: Donor ABO Blood RH. Stop Collect From 2004
DSEX	Char	1	\$	CDR / LDR: Gender
DSGOT	Num	8		CDR: Terminal Lab Data: SGOT/AST
DSGOTST	Char	1	\$TRIND	CDR: Terminal Lab Data: SGOT/AST, Status
DSGPT	Num	8		CDR: Terminal Lab Data: SGPT/ALT
DSGPTST	Char	1	\$TRIND	CDR: Terminal Lab Data: SGPT/ALT, Status
DSKCNCR	Char	1	\$YNUNK	CDR: Cancer at time of procurement: Skin(Y/N/U)
DSTATE	Char	2	\$STATE	CDR / LDR: Home State
DSUSPND_DT	Num	8	MMDDYY	LDR:
DTBILI	Num	8		CDR: Terminal Lab Data: Total Bilirubin
DTBILST	Char	1	\$TRIND	CDR: Terminal Lab Data: Total Bilirubin, Status
DTCELL1	Num	8	TGCELSRC	DHS: Target Source for Class I. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32
DTCELL2	Num	8	TGCELSRC	DHS: Target Source for Class II. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32
DTHCIRC	Num	8	D_CIRCUM	CDR: Circumstances of Death
DTHMECH	Num	8	D_MECH	CDR: Mechanism of Death
DTYMETHC1	Num	8	HLA_TYMT	DHS: Donor Typing Method Class I. Multiple selections. The value is comb of value(s) 1, 2, 4
DTYMETHC2	Num	8	HLA_TYMT	DHS: Donor Typing Method Class II. Multiple selections. The value is comb of value(s) 1, 2, 4
DTYPE	Char	3	\$DONOR	KIR: Donor Type
DUR_ABSTINENCE	Num	8	DUR_ABS	LDR: History of Cigarette Use: Duration of Abstinence
DURINF	Char	1		
DVASOD	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Vasodilators(Y/N/U)
DVDRL	Char	2	\$SCREEN	CDR: Serology: RPR-VDRL
DVIRUSES_TESTED	Char	1	\$YNUNK	LDR: Have HIV, CMV, HBV, HCV, EBV ever been tested for
DWGT	Num	8		CDR / LDR: Weight(for LDR: Post-Op(Within 6 weeks post-donation))
DWGTST	Char	1	\$TRIND	CDR / LDR: Weight in kg Status
DWORK_INCOME	Char	1	\$YNUNK	LDR: Working for income(Y/N/U)
DWORK_NO_STATUS	Num	8	NOTWORK	LDR: Not Working Due To
DWORK_YES_STATUS	Num	8	WORKINC	LDR: Yes Working Status
DWTIME	Num	8		CDR: If Was a DCD donor, Estimated Warm Ischemic Time
DWTIMEST	Char	1	\$TRIND	CDR: If Was a DCD donor, Estimated Warm Ischemic Time, Status
DYR_ENTRY_US	Char	29	\$	LDR: If Donor is Non-Resident Alien, Year of Entry to the U.S
DZIP	Char	10	\$	CDR / LDR: Donor Home Zip
EBV	Char	1	\$YNUNK	KIR: Pretransplant EBV Detection(Y/N/U). Stop Collect from 2/7/2007
EBV_CLINICAL	Char	2	\$YNUNK	KIR: Pretransplant EBV Detection: Was there clinical disease(Y/N/U). Stop Collect from 2/7/2007
EBV_SEROSTATUS	Char	2	\$SCREEN	KIR: Viral Detection at Tx time // EBV Serology status. Converted from EBV IgG, EBV IgM and EBV DNA
EDUC	Num	8	ED_LEVEL	TCR_KI: Patient Highest Education Level at Listing Time
EMPL_STAT	Num	8	EMP_STAT	KIR: Employment Status. Changed Way to Collect from 6/30/2004
EMPL_STAT_L	Num	8	EMP_STAT	TCR_KI: Employment Status at Listing Time. Changed Way to Collect from 6/30/2004

Variable	Type	Length	Format	Comment
EN_SHARE	Num	8	SHARETYC	CDR: Share Type - En-bloc Kidney. Stop Collect From 2003
EPSTDNA	Char	2	\$SCREEN	KIR: Pretransplant EBV Detection: DNA(P/N/U/ND). Stop Separately Collect from 2/7/2007
EPSTIGG	Char	2	\$SCREEN	KIR: Pretransplant EBV Detection: IgG(P/N/U/ND). Stop Separately Collect from 2/7/2007
EPSTIGM	Char	2	\$SCREEN	KIR: Pretransplant EBV Detection: IgM(P/N/U/ND). Stop Separately Collect from 2/7/2007
EXP_DT	Num	8	MMDDYY	LDR:
EXPERACC	Char	1	\$YNUNK	TCR_KI: Exhausted Peritoneal Access at Listing Time
EXPRESS_FAMILY	Char	1	\$YNUNK	CDR: Did the patient express to family or others the intent to be a donor
EXVASACC	Char	1	\$YNUNK	TCR_KI: Exhausted Vascular Access at Listing Time
FFP_UNITS	Num	8		LDR: Non-Autologous Blood Administration /If Yes, Number of FFP Units
FIN_FLOW_RATE_TX	Num	8		KIR: If put on pump or stayed on pump, final flow rate at transplant
FIN_FLOW_RATE_TX_I	Char	1	\$TRIND	KIR: If Kidney(s) put on pump or stayed on pump, Final flow rate at transplant, status
FIN_RESIST_TX	Num	8		KIR: If put on pump or stayed on pump, final resistance at transplant
FIN_RESIST_TX_I	Char	1	\$TRIND	KIR: If Kidney(s) put on pump or stayed on pump, Final resistance at transplant, status
FINAL_FLUSH_DBL_ENBKI	Num	8	FLUSH	CDR: Donor Double Enbloc Kidney Final/Storage Flush Solution
FINAL_FLUSH_DBL_ENBKI_OSTXT	Char	50	\$	CDR: Donor Double Enbloc Kidney Final/Storage Flush Solution, Specify
FINAL_FLUSH_KIL	Num	8	FLUSH	CDR: Donor Left Kidney Final/Storage Flush Solution
FINAL_FLUSH_KIL_OSTXT	Char	50	\$	CDR: Donor Left Kidney Final/Storage Flush Solution, Specify
FINAL_FLUSH_KIR	Num	8	FLUSH	CDR: Donor Right Kidney Final/Storage Flush Solution
FINAL_FLUSH_KIR_OSTXT	Char	50	\$	CDR: Donor Right Kidney Final/Storage Flush Solution, Specify
FINAL_FLUSH_PA	Num	8	FLUSH	CDR: Donor Pancreas Final/Storage Flush Solution
FINAL_FLUSH_PA_OSTXT	Char	50	\$	CDR: Donor Pancreas Final/Storage Flush Solution, Specify
FINAL_FLUSH_PA_SEG1	Num	8	FLUSH	CDR: Donor Pancreas Segment 1 Final/Storage Flush Solution
FINAL_FLUSH_PA_SEG2	Num	8	FLUSH	CDR: Donor Pancreas Segment 2 Final/Storage Flush Solution
FINAL_FLUSH_PA_SEG1_OSTXT	Char	50	\$	CDR: Donor Pancreas Segment 1 Final/Storage Flush Solution, Specify
FINAL_FLUSH_PA_SEG2_OSTXT	Char	50	\$	CDR: Donor Pancreas Segment 2 Final/Storage Flush Solution, Specify
FLUSH_DBL_ENBKI	Num	8	FLUSH	CDR: Donor Double Enbloc Kidney Flush Solution. Stop Collect From 2004
FLUSH_DBL_ENBKI_OSTXT	Char	50		CDR: Donor Double Enbloc Kidney Flush Solution, Specify. Stop Collect From 2004
FLUSH_KIL	Num	8	FLUSH	CDR: Donor Left Kidney Flush Solution. Stop Collect From 2004
FLUSH_KIL_OSTXT	Char	50		CDR: Donor Left Kidney Flush Solution, Specify. Stop Collect From 2004
FLUSH_KIR	Num	8	FLUSH	CDR: Donor Right Kidney Flush Solution. Stop Collect From 2004
FLUSH_KIR_OSTXT	Char	50		CDR: Donor Right Kidney Flush Solution, Specify. Stop Collect From 2004
FLUSH_PA	Num	8	FLUSH	CDR: Donor Pancreas Flush Solution. Stop Collect From 2004
FLUSH_PA_OSTXT	Char	50		CDR: Donor Pancreas Flush Solution, Specify. Stop Collect From 2004
FLUSH_PA_SEG1	Num	8	FLUSH	CDR: Donor Pancreas Segment 1 Flush Solution. Stop Collect From 2004
FLUSH_PA_SEG2	Num	8	FLUSH	CDR: Donor Pancreas Segment 2 Flush Solution. Stop Collect From 2004
FLUSH_PA_SEG1_OSTXT	Char	50		CDR: Donor Pancreas Segment 1 Flush Solution, Specify. Stop Collect From 2004

Variable	Type	Length	Format	Comment
FLUSH_PA_SEG2_OSTXT	Char	50		CDR: Donor Pancreas Segment 2 Flush Solution, Specify. Stop Collect From 2004
FORGOV	Char	3	\$CTRY	KIR: If Primary Source of Payment is "FOREIGN GOVT", Specify Foreign Government
FORGOV_D	Char	3	\$CTRY	LDR: Primary Source of Payment: Foreign Govt. Stop Collect From 2004
FORGOV_L	Char	3	\$CTRY	TCR_KI: If Primary Source of Payment at Listing Time is "FOREIGN GOVT", Specify Foreign Government
FORMAL_REQ	Num	8	DONATOR	CDR: Was a formal organ donation request made. Stop Collect From 2004
FORMAL_REQ_OSTXT	Char	50		CDR: Was a formal organ donation request made, Sepcify. Stop Collect From 2004
FREE	Char	1	\$YNUNK	LDR: Secondary Source of Payment: Free Care. Stop Collect From 2004
FUNCSTAT	Num	8	FUNCSTAT	KIR: Patient Status: pertaining to activities of daily living
FUNCSTL	Num	8	FUNCSTAT	TCR_KI: Patient Status: pertaining to activities of daily living at Listing Time
FWDIAL	Char	1	\$YNUNK	KIR: Patient Need Dialysis within First Week(Y/N)
GFREAS1	Num	8	KI_C_GRF	KIR: Primary Cause of Graft Failure
GFRESOTH	Char	50	\$	KIR: Primary Cause of Graft Failure, Specify
GRF_FAIL_DT1	Num	8	MMDDYY	TCR_KI: Previous Transplant Graft Fail Date
GRF_FAIL_DT2	Num	8	MMDDYY	TCR_KI: Previous Transplant Graft Fail Date
GRF_FAIL_DT3	Num	8	MMDDYY	TCR_KI: Previous Transplant Graft Fail Date
GRFAIL	Char	1	\$PA_STAT	KIR: Post Tx: Graft Status: Functioning / Failed (Y/N)
GRFTHRM	Char	1	\$YNUNK	KIR: Contributory causes of graft failure: Graft Thrombosis
HAPLMAT	Num	8	HAPLOTY	DHS: Recipient of a Living Donor Information: Haplotype Match
HBCORE	Char	2	\$SCREEN	KIR: Pretransplant HBV Detection: Core Antibody(P/N/U/ND)
HBSAG	Char	2	\$SCREEN	KIR: Pretransplant HBV Detection: Surface Antigen(P/N/U/ND)
HBSAGC	Char	2	\$SCREEN	CDR: Serology: HBsAg
HBV	Char	1	\$YNUNK	KIR: Pretransplant HBV Detection (Y/N/U). Stop Collect from 2/7/2007
HBV_CLINICAL	Char	2	\$YNUNK	KIR: Pretransplant HBV Detection: Was there clinical disease(Y/N/U). Stop Collect from 2/7/2007
HBV_LI_HIST	Char	2	\$SCREEN	KIR: Pretransplant HBV Detection: Liver Histology(P/N/U/ND). Stop Collect from 2/7/2007
HBVDNA	Char	2	\$SCREEN	KIR: Pretransplant HBV Detection: DNA(P/N/U/ND). Stop Collect from 2/7/2007
HCRIBA	Char	2	\$SCREEN	KIR: Pretransplant HCV Detection: RIBA(P/N/U/ND). Stop Separately Collect from 2/7/2007
HCSRN	Char	2	\$SCREEN	KIR: Pretransplant HCV Detection: Antibody(P/N/U/ND). Stop Separately Collect from 2/7/2007
HCV	Char	1	\$YNUNK	KIR: Pretransplant HCV Detection(Y/N/U). Stop Collect from 2/7/2007
HCV_CLINICAL	Char	2	\$YNUNK	KIR: Pretransplant HCV Detection: Was there clinical disease(Y/N/U). Stop Collect from 2/7/2007
HCV_LI_HIST	Char	2	\$SCREEN	KIR: Pretransplant HCV Detection: Liver Histology(P/N/U/ND). Stop Collect from 2/7/2007
HCV_SEROSTATUS	Char	2	\$SCREEN	KIR: Viral Detection at Tx time // HCV Serology status. Converted from HCV_ANTIBODY and HCV_RIBA
HCVRNA	Char	2	\$SCREEN	KIR: Pretransplant HCV Detection: RNA(P/N/U/ND). Stop Collect from 2/7/2007
HEALTH_INS	Char	1	\$YNUNK	LDR: Did the donor have health insurance
HEMATOCRIT	Num	8		CDR: Terminal Lab Data: Hematocrit
HEMATOCRIT_I	Char	1	\$TRIND	CDR: Terminal Lab Data: Hematocrit, Status



Variable	Type	Length	Format	Comment
HGT	Num	8		KIR: Height in Centimeters
HGT_L	Num	8		TCR_KI: Height in Centimeters at Listing Time
HGTST	Char	1	\$TRIND	KIR: Height in Centimeters, Status
HGTST_L	Char	1	\$TRIND	TCR_KI: Height in Centimeters at Listing Time, Status
HIST_ALCOHOL	Char	1	\$YNUNK	CDR: Alcohol Dependency - Ever. Stop Collect From 2004
HIST_CANCER	Num	8	CNCRSITE	CDR / LDR: History of Cancer
HIST_COCAINE	Char	1	\$YNUNK	CDR: Lifestyle Factors: Cocaine Use - Ever
HIST_IV_DRUG	Char	1	\$YNUNK	CDR: IV Drug - Ever. Stop Collect From 2004
HIST_PRISON	Char	1	\$YNUNK	CDR: History of Prison. Stop Collect From 2004
HIV	Char	1	\$YNUNK	KIR: Pretransplant HIV Detection(Y/N/U). Stop Collect from 2/7/2007
HIV_ANTIBODY	Char	2	\$SCREEN	KIR: Pretransplant HIV Detection: Antibody(P/N/U/ND). Stop Separately Collect from 2/7/2007
HIV_CLINICAL	Char	2	\$YNUNK	KIR: Pretransplant HIV Detection: Was there clinical disease(Y/N/U). Stop Collect from 2/7/2007
HIV_RNA	Char	2	\$SCREEN	KIR: Pretransplant HIV Detection: RNA(P/N/U/ND). Stop Separately Collect from 2/7/2007
HIV_SEROSTATUS	Char	2	\$SCREEN	KIR: Viral Detection at Tx time // HIV Serology status. Converted from HIV_ANTIBODY, HIV_CONF_READONLY, HIV_RNA and HIV_SCRN_READONLY from 2007
HIVCNF	Char	2	\$SCREEN	KIR: Pretransplant HIV Detection: Confirmation(P/N/U/ND). Stop Separately Collect from 2/7/2007
HIVSCRN	Char	2	\$SCREEN	KIR: Pretransplant HIV Detection: Screening(P/N/U/ND). Stop Separately Collect from 2/7/2007
HLA1DT	Num	8	MMDDYY	RHS: Date Typing Completed Class I
HLA2DT	Num	8	MMDDYY	RHS: Date Typing Completed Class II
HLA_INTERPRET1	Num	8	ANTIHLAA	RHS: Anti-HLA Interpretation - Most Recent Class I
HLA_INTERPRET2	Num	8	ANTIHLAB	RHS: Anti-HLA Interpretation - Most Recent Class II
HLADONE	Char	1	\$YNUNK	RHS: Test Information - HLA typing Done
HMO_PPO	Char	1	\$YNUNK	LDR: Secondary Source of Payment: HMO/PPO. Stop Collect
HOSP_90_DAYS	Char	1	\$YNUNK	KIR: Was patient hospitalized during the last 90 days prior to the transplant admission
HRTX	Char	1		KIR: Multiple Organ Recipient: Heart(T/F)
HTLV	Char	2	\$SCREEN	CDR: Serology: Anti-HTLV I/II
HYPER_DIET	Char	1	\$YNUNK	LDR: History of Hypertension / If Yes, Method Ctl: Diet
HYPER_DIUR	Char	1	\$YNUNK	LDR: History of Hypertension / If Yes, Method Ctl: Diuretics
HYPER_MEDS	Char	1	\$YNUNK	LDR: History of Hypertension / If Yes, Method Ctl: Other Hypertensive Med
HYPERTENSION	Char	1	\$YNUNK	LDR: Post-Op(Within 6 weeks post-donation): Donor Developed HTN Requiring Med
INFECT	Char	1	\$YNUNK	KIR: Contributory causes of graft failure: Infection
INFECT_HOSP	Char	1	\$YNUNK	LDR: Infections During Hosp. Stop Collect From 2004
INIT_DISCHARGE_DT	Num	8	MMDDYY	LDR: Date of Initial Discharge
INITIAL_FLUSH_DBL_ENBKI	Num	8	FLUSH	CDR: Donor Double Enbloc Kidney Initial Flush Solution
INITIAL_FLUSH_DBL_ENBKI_OSTXT	Char	50	\$	CDR: Donor Double Enbloc Kidney Initial Flush Solution, Specify
INITIAL_FLUSH_KIL	Num	8	FLUSH	CDR: Donor Left Kidney Initial Flush Solution
INITIAL_FLUSH_KIL_OSTXT	Char	50	\$	CDR: Donor Left Kidney Initial Flush Solution, Specify
INITIAL_FLUSH_KIR	Num	8	FLUSH	CDR: Donor Right Kidney Initial Flush Solution
INITIAL_FLUSH_KIR_OSTXT	Char	50	\$	CDR: Donor Right Kidney Initial Flush Solution, Specify
INITIAL_FLUSH_PA	Num	8	FLUSH	CDR: Donor Pancreas Initial Flush Solution
INITIAL_FLUSH_PA_OSTXT	Char	50	\$	CDR: Donor Pancreas Initial Flush Solution, Specify

Variable	Type	Length	Format	Comment
INITIAL_FLUSH_PA_SEG1	Num	8	FLUSH	CDR: Donor Pancreas Segment 1 Initial Flush Solution
INITIAL_FLUSH_PA_SEG2	Num	8	FLUSH	CDR: Donor Pancreas Segment 2 Initial Flush Solution
INITIAL_FLUSH_PA_SEG1_OSTXT	Char	50	\$	CDR: Donor Pancreas Segment 1 Initial Flush Solution, Specify
INITIAL_FLUSH_PA_SEG2_OSTXT	Char	50	\$	CDR: Donor Pancreas Segment 2 Initial Flush Solution, Specify
INOTROP_AGENTS	Char	1	\$YNUNK	CDR: Three or more inotropic agents at time of incision
INOTROP_SUP	Char	1	\$YNUNK	CDR: Inotropic Medications at Time of Cross Clamp
INR	Num	8		CDR: Terminal Lab Data: INR
INR_I	Char	1	\$TRIND	CDR: Terminal Lab Data: INR, Status
INSULIN	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Insulin(Y/N/U)
INTX	Char	1	\$YNUNK	KIR: Multiple Organ Recipient: Intestine(T/F)
KI_CREAT_DISCH	Num	8		LDR: Kidney Creatinine At Discharge. Stop Collect From 2004
KI_CREAT_DISCH_I	Char	1	\$TRIND	LDR: Kidney Creatinine At Discharge/Status. Stop Collect From 2004
KI_CREAT_POSTOP	Num	8		LDR: Post-Op(Within 6 weeks post-donation) Kidney Serum Creatinine
KI_CREAT_POSTOP_I	Char	1	\$TRIND	LDR: Post-Op(Within 6 weeks post-donation) Kidney Serum Creatinine, Status
KI_GLOMERUL	Num	8	KI_GLUMR	LDR: Kidney Biopsy / If Yes, Glomerulosclerosis
KILDISCD	Num	8	DISCD_CD	CDR: Reason organ not transplanted - Left Kidney
KILTXT	Char	50	\$	CDR: Organ Dispositions: Reason Code Left Kidney, Specify
KIPROC	Num	8	KI_PR_TY	LDR: Kidney//Intended Procedure Type
KIRDISCD	Num	8	DISCD_CD	CDR: Reason organ not transplanted - Right Kidney
KIRTXT	Char	50	\$	CDR: Organ Dispositions: Reason Code Right Kidney, Specify
KITX	Char	1		KIR: Multiple Organ Recipient: Kidney(T/F)
KPPROC	Num	8	KP_PROC	KIR: Procedure Type
LABCTRITYD	Char	3	\$	DHS: Lab Center Type
LABCTRITYR	Char	3	\$	RHS: Lab Center Type
LDCOD	Num	8	LDON_COD	LDR: Living Donor Cause of Death
LDISCTXT	Char	50	\$	CDR: Reason organ not transplanted Left Kidney, Specify
LDON_ORG2	Char	4		LDR: Donor 2nd Recovered Organ
LDTYPEI	Char	50	\$	LDR: Donor Type, Status
LEN_HOSP_STAY	Num	8		LDR: Length of Hospital Stay (days). Stop Collect From 2004
LEN_HOSP_STAY_I	Char	1	\$TRIND	LDR: Length of Hospital Stay/Status. Stop Collect From 2004
LIFE_SUP	Char	1	\$YNUNK	KIR: Patient on Life Support at Tx Time. Stop Collect from 6/30/2004
LIFE_SUP_ECMO_L	Char	5		TCR_KI: Patient on Life Support at Listing Time / ECMO. Stop Collect from 6/30/2004
LIFE_SUP_IABP_L	Char	5		TCR_KI: Patient on Life Support at Listing Time / IABP. Stop Collect from 6/30/2004
LIFE_SUP_INOTROPES_L	Char	5		TCR_KI: Patient on Life Support at Listing Time / IV Inotropes. Stop Collect from 6/30/2004
LIFE_SUP_L	Char	5		TCR_KI: Patient on Life Support at Listing Time. Stop Collect from 6/30/2004
LIFE_SUP_PGE_L	Char	5		TCR_KI: Patient on Life Support at Listing Time / PGE. Stop Collect from 6/30/2004
LIFE_SUP_VAD_TAH_L	Num	8	VADTAH	TCR_KI: Patient on Life Support at Listing Time / VAD Brands. Stop Collect from 6/30/2004
LIFE_SUP_VAD_TAH_OSTXT_L	Char	50		TCR_KI: Patient on Life Support at Listing Time / VAD Brands, Specify. Stop Collect from 6/30/2004
LIFE_SUP_VENTILATOR_L	Char	5		TCR_KI: Patient on Life Support at Listing Time / Ventilator. Stop Collect from 6/30/2004
LIPASE	Num	8		CDR: Terminal Lab Data: Serum Lipase

Variable	Type	Length	Format	Comment
LIPASE_I	Char	1	\$TRIND	CDR: Terminal Lab Data: Serum Lipase, Status
LISTDAT	Num	8	MMDDYY	TCR_KI: Date of Listing or Add
LITX	Char	1		KIR: Multiple Organ Recipient: Liver(T/F)
LK_SHARE	Num	8	SHARETYC	CDR: Share Type - L-Kidney. Stop Collect From 2003
LKPUMP	Char	1	\$YNUNK	CDR: Pump (Left Kidney)
LT_KI_BIOPSY	Char	1	\$YNUNK	CDR: Left Kidney Biopsy
LT_KI_FLOW	Num	8		CDR: Flow Rate(cc's/min) (Left Kidney). Stop Collect From 2004
LT_KI_FLOW_I	Char	1	\$TRIND	CDR: Flow Rate/Status (Left Kidney). Stop Collect From 2004
LT_KI_GLOMERUL	Num	8		CDR: % Glomerulosclerosis (Left Kidney)
LT_KI_PERFUS_DIAST	Num	8		CDR: Perfusion Pressure Diastolic(mm/Hg) (Left Kidney). Stop Collect From 2004
LT_KI_PERFUS_DIAST_I	Char	1	\$TRIND	CDR: Perfusion Pressure/Status Diastolic (Left Kidney). Stop Collect From 2004
LT_KI_PERFUS_SYST	Num	8		CDR: Perfusion Pressure Systolic (mm/Hg)(Left Kidney). Stop Collect From 2004
LT_KI_PERFUS_SYST_I	Char	1	\$TRIND	CDR: Perfusion Pressure/Status Systolic (Left Kidney). Stop Collect From 2004
LUTX	Char	1		KIR: Multiple Organ Recipient: Lung(T/F)
MAINTMED	Char	1	\$YNUNK	KIR: Are any medications given currently for maintenance or anti-rejection(Y/N)
MALIG	Char	1	\$YNUNK	KIR: Malignancies between listing and transplant(Y/N/U)
MALIG_OSTXT	Char	50	\$	KIR: Malignancies between listing and transplant, Specify
MALIG_TY	Num	8	MALIGMUL	KIR: Malignancy type. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, 2048.
MARITAL_STAT	Num	8	MRTLSTAT	LDR: Marital Status
MATC	Num	8		USRDS: CNT HLA A, B, DR MATCH(0 - 6)
MDCOND	Num	8	MED_COND	KIR: Medical Condition at time of transplant
MDCONDL	Num	8	MED_COND	TCR_KI: Medical Condition at Listing Time
MEASURE1	Num	8	PRAMEAS	RHS: Technique Measures - Most Recent Class I
MEASURE2	Num	8	PRAMEAS	RHS: Technique Measures - Most Recent Class II
MEASURE_POS_XMAT1	Num	8	PRAMEAS	RHS: Positive Xmatch row 1//Measures:
MEASURE_POS_XMAT2	Num	8	PRAMEAS	RHS: Positive Xmatch row 2//Measures:
MEASURE_POS_XMAT3	Num	8	PRAMEAS	RHS: Positive Xmatch row 3//Measures:
MEASURE_POS_XMAT4	Num	8	PRAMEAS	RHS: Positive Xmatch row 4//Measures:
MEASURE_POS_XMAT5	Num	8	PRAMEAS	RHS: Positive Xmatch row 5//Measures:
MEASURE_XMAT1	Num	8	PRAMEAS	RHS: Most Recent row 1//Measures:
MEASURE_XMAT2	Num	8	PRAMEAS	RHS: Most Recent row 2//Measures:
MEASURE_XMAT3	Num	8	PRAMEAS	RHS: Most Recent row 3//Measures:
MEASURE_XMAT4	Num	8	PRAMEAS	RHS: Most Recent row 4//Measures:
MEASURE_XMAT5	Num	8	PRAMEAS	RHS: Most Recent row 5//Measures:
MEASUREMENT_DT	Char	29	\$	KIR: Date of Measurement(Pediatric Only)
MEASUREMENT_DT_L	Num	8	MMDDYY	TCR_KI: Date of Measurement(Pediatric Only) at Listing Time
MED_EXAM	Num	8	MEXAMRPT	CDR: Procurement and Consent: Medical Examiner/Coroner
MEDICAID	Char	1	\$YNUNK	LDR: Secondary Source of Payment: MEDICAID. Stop Collect From 2004
MEDICARE	Char	1	\$YNUNK	LDR: Secondary Source of Payment: MEDICARE. Stop Collect From 2004
METH_CLS1_TYP_DT	Num	8	MMDDYY	DHS: Date Typing Complete Class I
METH_CLS2_TYP_DT	Num	8	MMDDYY	DHS: Date Typing Complete Class II
MIS_MATC	Num	8		USRDS: CNT HLA A, B, DR MIS_MATCH(0 - 6)

Variable	Type	Length	Format	Comment
MNTDDT	Num	8	MMDDYY	KIR: Date Maintenance Dialysis Resumed
MNTDIAL	Char	1	\$YNUNK	KIR: Resumed Maintenance Dialysis(Y/N)
MOTOR_DEV	Num	8	MOTDEVLP	KIR: Motor Development(Pediatric Only)
MOTOR_DEV_L	Num	8	MOTDEVLP	TCR_KI: Motor Development(Pediatric Only) at Listing Time
MRBTXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Bone Marrow / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRCELL1	Num	8	CELL_TY	RHS: Most Recent row 1//Cell Type:
MRCELL2	Num	8	CELL_TY	RHS: Most Recent row 2//Cell Type:
MRCELL3	Num	8	CELL_TY	RHS: Most Recent row 3//Cell Type:
MRCELL4	Num	8	CELL_TY	RHS: Most Recent row 4//Cell Type:
MRCELL5	Num	8	CELL_TY	RHS: Most Recent row 5//Cell Type:
MRCREAT	Num	8		KIR: Most Recent Serum Creatinine Prior to Discharge
MRCREATI	Char	1	\$TRIND	TCR_KI: Most Recent Serum Creatinine at Listing Time, Status
MRCREATL	Num	8		TCR_KI: Most Recent Serum Creatinine at Listing Time
MRCRST	Char	1	\$TRIND	KIR: Most Recent Serum Creatinine Prior to Discharge, Status
MRCTXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Pancreas (Islet Cells) / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRHTXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Heart / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRITXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Intestine / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRKTXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Kidney / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRLTXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Liver / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRPRA	Num	8		RHS: USRDS PRA(%) - Most Recent
MRPTXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Pancreas (whole) / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRTGT1	Num	8	TGCELSRC	RHS: Most Recent row 1//Target:
MRTGT2	Num	8	TGCELSRC	RHS: Most Recent row 2//Target:
MRTGT3	Num	8	TGCELSRC	RHS: Most Recent row 3//Target:
MRTGT4	Num	8	TGCELSRC	RHS: Most Recent row 4//Target:
MRTGT5	Num	8	TGCELSRC	RHS: Most Recent row 5//Target:
MRUTXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Lung / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRXMDT1	Num	8	MMDDYY	RHS: Xmatch Serum Date - Mst Rec Row 1. Stop Collect From 2004
MRXMDT2	Num	8	MMDDYY	RHS: Xmatch Serum Date - Mst Rec Row 2. Stop Collect From 2004
MRXMDT3	Num	8	MMDDYY	RHS: Xmatch Serum Date - Mst Rec Row 3. Stop Collect From 2004
MRXMDT4	Num	8	MMDDYY	RHS: Xmatch Serum Date - Mst Rec Row 4. Stop Collect From 2004
MRXMDT5	Num	8	MMDDYY	RHS: Xmatch Serum Date - Mst Rec Row 5. Stop Collect From 2004
NEG_XM1	Char	1	\$YNUNK	RHS: Positive Xmatch row 1//NEG XM by any other technique with this serum:
NEG_XM2	Char	1	\$YNUNK	RHS: Positive Xmatch row 2//NEG XM by any other technique with this serum:
NEG_XM3	Char	1	\$YNUNK	RHS: Positive Xmatch row 3//NEG XM by any other technique with this serum:
NEG_XM4	Char	1	\$YNUNK	RHS: Positive Xmatch row 4//NEG XM by any other technique with this serum:
NEG_XM5	Char	1	\$YNUNK	RHS: Positive Xmatch row 5//NEG XM by any other technique with this serum:
NON_AUTO_BLOOD	Char	1	\$YNUNK	LDR: Post-Op: Non-Autologous Blood Administration

Variable	Type	Length	Format	Comment
NUM_TXFUS	Num	8		KIR: Pretransplant # of Bld Transfusions at Tx Time. Stop Collect from 6/30/2004
NUM_TXFUS_I	Char	1	\$TRIND	KIR: Pretransplant # of Bld Transfusions at Tx Time /Status. Stop Collect from 6/30/2004
ORG_REC_ON	Char	1	\$ORGRECO	KIR: Kidney(s) received on
ORG_REC_TXC_SAME	Char	1	\$YNUNK	LDR: Did organ recovery and transplant occur at the same center
ORGTYP	Char	4	\$ORG_TYP	KIR: Organ(s)
OTH_COMP_KI	Char	1	\$YNUNK	LDR: Kidney Other Complications Requiring Intervention(Y/N/U)
OTH_COMP_KI_INTER	Num	8	OTHCOMP	LDR: KI Other Complic, Specify. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32, 64, 128
OTH_COMP_KI_INTER_OSTXT	Char	50	\$	LDR: KI Other Complic, Other Specify
OTH_GOVT	Char	1	\$YNUNK	LDR: Secondary Source of Payment: Oth US/State Government Agency. Stop Collect From 2004
OTH_INTER_PROC_KI	Char	1	\$YNUNK	LDR: Kidney Other Interventional Procedures
OTH_INTER_PROC_KI_DT	Num	8	MMDDYY	LDR: Kidney Other Interventional Procedures Date
OTH_INTER_PROC_KI_OSTXT	Char	50	\$	LDR: Kidney Other Interventional Procedures//If Yes, Specify Procedure
OTH_LIFE_SUP	Char	5		TCR_KI: Other Life Support Mechanism. Stop Collect from 6/30/2004
OTH_LIFE_SUP_OSTXT	Char	50		TCR_KI: Other Life Support Mechanism/Specify. Stop Collect from 6/30/2004
OTH_LIFESTYLE1_OSTXT	Char	50		CDR: Lifestyle Factors: Other/Specify. Stop Collect From 2004
OTH_LIFESTYLE2_OSTXT	Char	50		CDR: Lifestyle Factors: Other/Specify. Stop Collect From 2004
OTH_LIFESTYLE3_OSTXT	Char	50		CDR: Lifestyle Factors: Other/Specify. Stop Collect From 2004
OTH_POS_XMAT	Char	1	\$YNDU	RHS: Positive Crossmatch Auto Xmatch Positive. Stop Collect From 2004
OTHER_INF_CONF	Char	1	\$YNUNK	CDR: Clinical Infection: Other // Confirmed by Culture
OTHGF	Char	50	\$	KIR: Contributory causes of graft failure: Other, Specify
OTIS_REGID	Char	7	\$	TCR_KI: Otis Regid
PA_SEG1DISCD	Num	8	DISCD_CD	CDR: Reason organ not transplanted - Pancreas Segment 1
PA_SEG1DISCDTXT	Char	50	\$	CDR: Reason organ not transplanted - Pancreas Segment 1, Specify
PA_SEG1TXT	Char	50	\$	CDR: Organ Dispositions: Pancreas Segment 1, Specify
PA_SEG2DISCD	Num	8	DISCD_CD	CDR: Reason organ not transplanted - Pancreas Segment 2
PA_SEG2DISCDTXT	Char	50	\$	CDR: Reason organ not transplanted - Pancreas Segment 2, Specify
PA_SEG2TXT	Char	50	\$	CDR: Organ Dispositions: Pancreas Segment 2, Specify
PACK_YRS	Num	8		LDR: History of Cigarette Use / If Yes, # pack years
PADISCD	Num	8	DISCD_CD	CDR: Reason organ not transplanted - Pancreas
PADISCDTXT	Char	50	\$	CDR: Reason organ not transplanted - Pancreas, Specify
PATX	Char	1		KIR: Multiple Organ Recipient: Pancreas(T/F)
PATXT	Char	50	\$	CDR: Organ Dispositions: Reason Code Pancreas, Specify
PEAK_HLA_INTERPRET1	Num	8	ANTIHLAA	RHS: Anti-HLA Interpretation - Peak Serum Class I
PEAK_HLA_INTERPRET2	Num	8	ANTIHLAB	RHS: Anti-HLA Interpretation - Peak Serum Class II
PEAK_MEASURE1	Num	8	PRAMEAS	RHS: Measures - Peak Serum Class I
PEAK_MEASURE2	Num	8	PRAMEAS	RHS: Measures - Peak Serum Class II
PEAK_PRA1	Num	8		RHS: PRA (%) - Peak Serum Class I
PEAK_PRA2	Num	8		RHS: PRA (%) - Peak Serum Class II
PEAK_PRA1_DT	Num	8	MMDDYY	RHS: Serum Date - Peak Serum Class I
PEAK_PRA1_DT_I	Char	1	\$TRIND	RHS: Serum Date - Peak Serum Class I, status
PEAK_PRA1_I	Char	1	\$TRIND	RHS: PRA (%) - Peak Serum Class I, status
PEAK_PRA2_DT	Num	8	MMDDYY	RHS: Serum Date - Peak Serum Class II
PEAK_PRA2_DT_I	Char	1	\$TRIND	RHS: Serum Date - Peak Serum Class II, status

Variable	Type	Length	Format	Comment
PEAK_PRA2_I	Char	1	\$TRIND	RHS: PRA (%) - Peak Serum Class II, status
PEAK_TARGET1	Num	8	PRATARGET	RHS: Target - Peak Serum Class I
PEAK_TARGET2	Num	8	PRATARGET	RHS: Target - Peak Serum Class II
PEAK_TECHNIQUE1	Num	8	PRATECH	RHS: Technique - Peak Serum Class I
PEAK_TECHNIQUE2	Num	8	PRATECH	RHS: Technique - Peak Serum Class II
PEAK_TECHNIQUE1_OSTXT	Char	50	\$	RHS: Technique - Peak Serum Class I, Specify
PEAK_TECHNIQUE2_OSTXT	Char	50	\$	RHS: Technique - Peak Serum Class II, Specify
PERM_STATE	Char	2	\$STATE	KIR: State of Permanent Residence
PERM_STATE_L	Char	2	\$STATE	TCR_KI: Patient State of Permanent Residence at Listing Time
PERM_ZIP	Char	10	\$	KIR: Permanent Zip
PERM_ZIP_L	Char	10	\$	TCR_KI: Patient Permanent Zip at Listing Time
PH	Num	8		CDR: Blood PH
PH_I	Char	1	\$TRIND	CDR: Blood PH, Status
PHYSICAL_CAPACITY	Num	8	PHYSCAP	KIR: Physical Capacity
PHYSICAL_CAPACITY_L	Num	8	PHYSCAP	TCR_KI: Patient Physical Capacity at Listing Time
PITX	Char	1		KIR: Multiple Organ Recipient: Pancreas Islets(T/F)
PKPRA	Num	8		RHS: USRDS PRA(%) - Peak
PLACED_BY_DBL_ENBKI	Num	8		CDR: Placed By - DBL_ENBKI. Stop Collect From 2004
PLACED_BY_KIL	Num	8		CDR: Placed By - Left Kidney. Stop Collect From 2004
PLACED_BY_KIR	Num	8		CDR: Placed By - Right Kidney. Stop Collect From 2004
PLACED_BY_PA	Num	8		CDR: Placed By - PA. Stop Collect From 2004
PLACED_BY_PA_SEG1	Num	8		CDR: Placed By - PA_SEG1. Stop Collect From 2004
PLACED_BY_PA_SEG2	Num	8		CDR: Placed By - PA_SEG2. Stop Collect From 2004
PLATELETS_UNITS	Num	8		LDR: Non-Autologous Blood Administration /If Yes, Number of Platelets Units
POS_AUTOXM	Char	2	\$AUTOXM	RHS: Autocrossmatch results: Has autocrossmatch ever been positive
POS_AUTOXM_DT	Num	8	MMDDYY	RHS: AutoXM Date - Positive AutoXM
POSTOP_TEST_DT	Num	8	MMDDYY	LDR: Post-Op Clinical Information (Within 6 weeks post-donation): Most Recent Date of Tests
POSTOP_URINE_PROTEIN	Num	8	URINEPRO	LDR: Post-Operative Urinalysis//Urine Protein
POSTOP_URINE_RATIO	Num	8		LDR: Post-Operative Urinalysis//Protein-Creatinine Ratio
POSXMDT1	Num	8	MMDDYY	RHS: Positive Xmatch row 1//Serum Date
POSXMDT2	Num	8	MMDDYY	RHS: Positive Xmatch row 2//Serum Date
POSXMDT3	Num	8	MMDDYY	RHS: Positive Xmatch row 3//Serum Date
POSXMDT4	Num	8	MMDDYY	RHS: Positive Xmatch row 4//Serum Date
POSXMDT5	Num	8	MMDDYY	RHS: Positive Xmatch row 5//Serum Date
PRA1	Num	8		RHS: PRA (%) - Most Recent Class I
PRA2	Num	8		RHS: PRA (%) - Most Recent Class II
PRA1_DT	Num	8	MMDDYY	RHS: Serum Date - Most Recent Class I
PRA1_DT_I	Char	1	\$TRIND	RHS: Serum Date - Most Recent Class I, status
PRA1_I	Char	1	\$TRIND	RHS: PRA (%) - Most Recent Class I, status
PRA2_DT	Num	8	MMDDYY	RHS: Serum Date - Most Recent Class II
PRA2_DT_I	Char	1	\$TRIND	RHS: Serum Date - Most Recent Class II, status
PRA2_I	Char	1	\$TRIND	RHS: PRA (%) - Most Recent Class II, status
PRA_GT10	Char	1	\$YNUNK	TCR_KI: PRA > 10% (with DTT or DTE testing). Stop Collect from 6/30/2004
PRAA	Num	8		RHS: Most Recent PRA. Stop Collect From 2004
PRAA_DT	Num	8	MMDDYY	RHS: Date of Most Recent PRA. Stop Collect From 2004

Variable	Type	Length	Format	Comment
PRAA_DT_I	Char	1	\$TRIND	RHS: Date of Most Recent PRA/Status. Stop Collect From 2004
PRAA_I	Char	1	\$TRIND	RHS: Most Recent PRA/Status. Stop Collect From 2004
PRAB	Num	8		RHS: Peak PRA. Stop Collect From 2004
PRAB_DT	Num	8	MMDDYY	RHS: Date of Peak PRA. Stop Collect From 2004
PRAB_DT_I	Char	1	\$TRIND	RHS: Date of Peak PRA/Status. Stop Collect From 2004
PRAB_I	Char	1	\$TRIND	RHS: Peak PRA/Status. Stop Collect From 2004
PRADONE	Char	1	\$YNUNK	RHS: Test Information - HLA Antibody Screening Done
PRBC_UNITS	Num	8		LDR: Non-Autologous Blood Administration /If Yes, Number of PRBC Units
PRE_AVG_INSULIN_USED	Num	8		KIR: Pretransplant Average Daily Insulin Units. Stop Collect from 6/30/2004
PRE_AVG_INSULIN_USED_I	Char	1	\$TRIND	KIR: Pretransplant Average Daily Insulin Units/Status. Stop Collect from 6/30/2004
PRE_DON_BIOPSY_KI	Char	1	\$YNUNK	LDR: Pre-Donation Kidney Clinical Information: Kidney Biopsy(Y/N)
PRE_TX_BIOP	Char	1	\$YNUNK	KIR: Was preimplantation kidney biopsy performed at the transplant center
PRE_TX_DIAL	Char	1	\$YNUNK	KIR: Pretransplant Dialysis(Y/N/U)
PRE_TX_DIAL_TY	Num	8	DIAL_TY	KIR: Pretransplant Dialysis Type. Stop Collect from 6/30/2004
PRE_TX_TXFUS	Char	1	\$YNUNK	KIR: Did Patient receive pretransplant blood transfusions(Y/N/U).
PRE_TX_TXFUS_L	Char	1	\$YNUNK	TCR_KI: Any Previous Transfusions. Stop Collect from 6/30/2004
PRE_TX_TXFUS_NUM	Num	8	TRANSFUS	KIR: Number of Pre-Tx Blood Transfusions. Stop Collect from 6/30/2004
PREDON_HGT	Num	8		LDR: Pre-Donation Height
PREDON_HGT_I	Char	1	\$TRIND	LDR: Pre-Donation Height, Status
PREDON_WGT	Num	8		LDR: Pre-Donation Weight
PREDON_WGT_I	Char	1	\$TRIND	LDR: Pre-Donation Weight, Status
PREOP_BILI	Num	8		LDR: Donor TOTAL BILIRUBIN
PREOP_URINE_PROTEIN	Char	5	\$URINEPR	LDR: Preoperative Urinalysis//Urine Protein
PREOP_URINE_RATIO	Num	8		LDR: Preoperative Urinalysis//Protein-Creatinine Ratio
PREV_MALIG_TY	Num	8	MALIGMUL	TCR_KI: Previous Malignancy Type at Listing Time. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, 2048.
PREV_MALIG_TY_OSTXT	Char	50	\$	TCR_KI: Any previous Malignancy at Listing Time, Specify
PREV_PL_TX	Char	1	\$YNUNK	TCR_KI: Previous Pancreas Islet Infusion at Listing Time(Y/N/U)
PREVKI	Char	1	\$YNUNK	KIR: Received Previous Kidney Tx. Stop Collect from 6/30/2004
PREVPG	Num	8	PRV_PREG	KIR: Previous Pregnancies
PRIPAY	Num	8	P_S_PAY	KIR: Primary Source of Payment
PRIPAY_D	Num	8	P_S_PAY	LDR: Primary Source of Payment. Stop Collect From 2004
PRIPAY_L	Num	8	P_S_PAY	TCR_KI: Primary Source of Payment at Listing Time
PRIV_INS	Char	1	\$YNUNK	LDR: Secondary Source of Payment: Private Ins. Stop Collect From 2004
PRMALR	Char	1	\$YNUNK	TCR_KI: Any previous Malignancy at Listing Time
PROTEIN_URINE	Char	1	\$YNUNK	CDR: Protein in Urine
PROVUSRD_LIST	Num	8	BEST	TCR_KI: USRDS Assigned Listing Center ID
PROVUSRD_MNTDPROV	Num	8	BEST	KIR: USRDS Assigned Post-Tx Resumed Maint. Dialysis Provider ID
PROVUSRD_ORIG_LIST	Num	8	BEST	TCR_KI: USRDS Assigned Original Listing Center ID
PROVUSRD_TX	Num	8	BEST	KIR: USRDS Assigned Transplant Center ID
PRVBTX	Num	8		TCR_KI: Previous Transplant: # of Bone Marrow Transplant. Stop Separately Collect from 6/30/2004
PRVBTXI	Char	1	\$TRIND	TCR_KI: Previous Transplant: Bone Marrow / Status. Stop Separately Collect from 6/30/2004

Variable	Type	Length	Format	Comment
PRVHTX	Num	8		TCR_KI: Previous Transplant: # of Heart Transplant. Stop Separately Collect from 6/30/2004
PRVHTXI	Char	1	\$TRIND	TCR_KI: Previous Transplant: Heart / Status. Stop Separately Collect from 6/30/2004
PRVICTX	Num	8		TCR_KI: Previous Transplant: # of Pancreas (Islet Cells) Transplant. Stop Separately Collect from 6/30/2004
PRVICTXI	Char	1	\$TRIND	TCR_KI: Previous Transplant: Pancreas (Islet Cells) / Status. Stop Separately Collect from 6/30/2004
PRVINTX	Num	8		TCR_KI: Previous Transplant: # of Intestine Transplant. Stop Separately Collect from 6/30/2004
PRVINTXI	Char	1	\$TRIND	TCR_KI: Previous Transplant: Intestine / Status. Stop Separately Collect from 6/30/2004
PRVKITX	Num	8		KIR: Number of Previous Kidney Tx. Stop Collect from 6/30/2004
PRVKITX_L	Num	8		TCR_KI: Previous Transplant: # of Kidney Transplant at Listing Time. Stop Separately Collect from 6/30/2004
PRVKITXI	Char	1	\$TRIND	KIR: Number of Previous Kidney Tx/Status. Stop Collect from 6/30/2004
PRVKITXI_L	Char	1	\$TRIND	TCR_KI: Previous Transplant: Kidney at Listing Time / Status. Stop Separately Collect from 6/30/2004
PRVLITX	Num	8		TCR_KI: Previous Transplant: # of Liver Transplant. Stop Separately Collect from 6/30/2004
PRVLITXI	Char	1	\$TRIND	TCR_KI: Previous Transplant: Liver / Status. Stop Separately Collect from 6/30/2004
PRVLUTX	Num	8		TCR_KI: Previous Transplant: # of Lung Transplant. Stop Separately Collect from 6/30/2004
PRVLUTXI	Char	1	\$TRIND	TCR_KI: Previous Transplant: Lung / Status. Stop Separately Collect from 6/30/2004
PRVPTX	Num	8		TCR_KI: Previous Transplant: # of Pancreas Transplant. Stop Separately Collect from 6/30/2004
PRVPTXI	Char	1	\$TRIND	TCR_KI: Previous Transplant: Pancreas (Islet Cells) / Status. Stop Separately Collect from 6/30/2004
PRVTX	Char	1	\$YNUNK	TCR_KI: Previous Transplant (Y/N). Stop Separately Collect from 6/30/2004
PT_OTH2_OSTXT	Char	50	\$	CDR: Donor Management: Other (two) //Other/Specify
PT_OTH3_OSTXT	Char	50	\$	CDR: Donor Management: Other (three) //Other/Specify
PT_OTH_OSTXT	Char	50	\$	CDR: Donor Management: Other (one) //Other/Specify
PT_T3	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: T3(Y/N/U)
PT_T4	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: T4(Y/N/U)
PTSTAT	Char	1	\$PSTAT	KIR: Patient Status: Living/Dead/Retransplanted
PTSTDT	Num	8	MMDDYY	KIR: Patient Status//Date: Last Seen, Retransplanted or Death
PULCERR	Num	8	PEPULCER	TCR_KI: Peptic Ulcerat Listing Time
PULM_EMBOL	Char	1	\$YNUNK	TCR_KI: Pulmonary Embolism (within last 6 months). Stop Collect from 6/30/2004
PULM_EMBOL_HOSP	Char	1	\$YNUNK	LDR: Pulmonary Embolism During Hosp. Stop Collect From 2004
PULM_INF_CONF	Char	1	\$YNUNK	CDR: Clinical Infection: Lung // Confirmed by Culture
PUMP_TM_HRS_LT	Num	8		KIR: Preservation Info: Total Pump Time (Hrs) KI Left. Stop Separately Collect from 6/30/2004
PUMP_TM_HRS_RT	Num	8		KIR: Preservation Info: Total Pump Time (Hrs) KI Right. Stop Separately Collect from 6/30/2004
PUMP_TM_HRSMINS_LT_I	Char	1	\$TRIND	KIR: Preservation Info: Total Pump Time/Status KI Left. Stop Separately Collect from 6/30/2004



Variable	Type	Length	Format	Comment
PUMP_TM_HRSMINS_RT_I	Char	1	\$TRIND	KIR: Preservation Info: Total Pump Time/Status KI Right. Stop Separately Collect from 6/30/2004
PUMP_TM_MINS_LT	Num	8		KIR: Preservation Info: Total Pump Time (Min) KI Left. Stop Separately Collect from 6/30/2004
PUMP_TM_MINS_RT	Num	8		KIR: Preservation Info: Total Pump Time (Min) KI Right. Stop Separately Collect from 6/30/2004
PVASC	Char	1	\$YNUNK	TCR_KI: Symptomatic Peripheral Vascular Disease at Listing Time
PX_STAT	Char	1	\$PSTAT	LDR: Donor Status
PX_TXFER_PRIOR_TX	Char	1	\$YNUNK	KIR: Transferred from Another Hosp Prio to Tx. Stop Collect from 6/30/2004
PX_TXFER_PRIOR_TX_DT	Num	8	MMDDYY	KIR: Date of Admi to Transferring From Another Hosp. Stop Collect from 6/30/2004
PXRESRH	Char	1	\$YNUNK	KIR: Did patient participate any clinical research protocol for immuno med
PXRESTXT	Char	50	\$	KIR: Did patient participate any clinical research protocol for immuno med, specify
RA1	Char	8		RHS: Recipient HLA Typing A(1)
RA2	Char	8		RHS: Recipient HLA Typing A(2)
RABO	Char	3	\$	TCR_KI: Patient ABO Blood Group
RB1	Char	8		RHS: Recipient HLA Typing B(1)
RB2	Char	8		RHS: Recipient HLA Typing B(2)
RBW4	Num	8	WKGRPHLA	RHS: Recipient HLA Typing - Typing Method Class I: Bw4
RBW6	Num	8	WKGRPHLA	RHS: Recipient HLA Typing - Typing Method Class I: Bw6
RCITZ	Num	8	CITIZEN	TCR_KI: Patient Citizenship at Listing Time
RCNT_POS_XMAT	Char	1	\$YNDU	RHS: Most Recent Auto Xmatch Positive. Stop Collect From 2004
RCOD	Num	8	KI_COD	KIR: Primary Cause of Death
RCOD2	Num	8	KI_COD	KIR: Contributory Cause of Death
RCOD3	Num	8	KI_COD	KIR: Contributory Cause of Death
RCOD2TXT	Char	50	\$	KIR: Contributory Cause of Death, Specify
RCOD3TXT	Char	50	\$	KIR: Contributory Cause of Death, Specify
RCODTXT	Char	50	\$	KIR: Primary Cause of Death, Specify
RCW1	Num	8	CWHLA	RHS: Recipient HLA Typing - Typing Method Class I: Cw1
RCW2	Num	8	CWHLA	RHS: Recipient HLA Typing - Typing Method Class I: Cw2
RDISCTXT	Char	50	\$	CDR: Reason organ not transplanted: Right Kidney, Specify
RDPW1	Num	8	DPHLA	RHS: Recipient HLA Typing - Typing Method Class II: DPw1
RDPW2	Num	8	DPHLA	RHS: Recipient HLA Typing - Typing Method Class II: DPw2
RDQW1	Num	8	DQHLA	RHS: Recipient HLA Typing - Typing Method Class II: DQ1
RDQW2	Num	8	DQHLA	RHS: Recipient HLA Typing - Typing Method Class II: DQ2
RDR1	Char	8		RHS: Recipient HLA Typing DR(1)
RDR2	Char	8		RHS: Recipient HLA Typing DR(2)
RDRW51	Num	8	WKGRPHLA	RHS: Recipient HLA Typing - Typing Method Class II: DR51
RDRW52	Num	8	WKGRPHLA	RHS: Recipient HLA Typing - Typing Method Class II: DR52
RDRW53	Num	8	WKGRPHLA	RHS: Recipient HLA Typing - Typing Method Class II: DR53
REA_CD_DBL_ENBKI	Num	8	DISP_REA	CDR: Donor Double Enbloc Kidney Disposition Reason Code
REA_CD_L	Num	8	DISP_REA	CDR: Donor Left Kidney Disposition Reason Code
REA_CD_PA	Num	8	DISP_REA	CDR: Donor Pancreas Disposition Reason Code
REA_CD_PA_SEG1	Num	8	DISP_REA	CDR: Donor Pancreas Segment 1 Disposition Reason Code
REA_CD_PA_SEG2	Num	8	DISP_REA	CDR: Donor Pancreas Segment 2 Disposition Reason Code
REA_CD_R	Num	8	DISP_REA	CDR: Donor Right Kidney Disposition Reason Code
READMISSION_KI	Char	1	\$YNUNK	LDR: Any Readmission After Initial Discharge

Variable	Type	Length	Format	Comment
READMISSION_KI_DT	Num	8	MMDDYY	LDR: Any Readmission After Initial Discharge / If Yes, Date of First Readmission
READMISSION_KI_OSTXT	Char	50	\$	LDR: Any Readmission After Initial Discharge, Specify
READMISSION_KI_REASON	Num	8	READMIT	LDR: Reason for readmission (during first six weeks). Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32
REC_F_TY	Char	3	\$	LDR: Donor Recovery Facility Center Type
REC_HLA_CELL	Num	8	TGTCSRC	RHS: Recipient HLA Typing Cell Source. Stop Collect From 2004
REC_HLA_DT	Num	8	MMDDYY	RHS: Recipient HLA Typed Date. Stop Collect From 2004
REC_ON_ICE	Char	1	\$RECONIC	KIR: Kidney(s) Received on ice
REC_ON_PUMP	Char	1	\$RECONPM	KIR: Kidney(s) Received on pump
RECDS	Char	1	\$YNUNK	KIR: Contributory causes of graft failure: Recurrent Disease
RECOV_COUNTRY	Char	3	\$CTRY	CDR: If Recovered Outside the U.S.: Recovered Country
RECOV_OUT_US	Char	1	\$YNUNK	CDR: Recovered Outside the U.S.
REFCLDT	Num	8	MMDDYY	CDR: Referral Date
REFERRAL_FLG	Char	1	\$	CDR: Referral Flag
REJ_ACUTE	Char	1	\$YNUNK	KIR: Contributory causes of graft failure: Acute Rejection(Y/N/U)
REJ_TREATED_TY	Num	8	REJ_TRET	KIR: Patient Treated for Rejection. Stop Collect from 6/30/2004
REOP_BLEED_KI	Char	1		LDR: Reason for reoperation (during first six weeks): Bleeding
REOP_BLEED_KI_DT	Num	8	MMDDYY	LDR: Kidney Reoperation Bleeding Date
REOP_BOWEL_KI	Char	1		LDR: Reason for reoperation (during first six weeks): Bowel Obstruction
REOP_BOWEL_KI_DT	Num	8	MMDDYY	LDR: Kidney Reoperation Bowel Obstruction Date
REOP_HERNIA_KI	Char	1		LDR: Reason for reoperation (during first six weeks): Hernia Repair
REOP_HERNIA_KI_DT	Num	8	MMDDYY	LDR: Kidney Reoperation Hernia Repair Date
REOP_OTH_KI	Char	1		LDR: Reason for reoperation (during first six weeks): Other
REOP_OTH_KI_DT	Num	8	MMDDYY	LDR: Kidney Reoperation Other Date
REOP_OTH_KI_OSTXT	Char	50	\$	LDR: Kidney Reoperation Other Specify
REOP_VASC_KI	Char	1		LDR: Reason for reoperation (during first six weeks): Vascular
REOP_VASC_KI_DT	Num	8	MMDDYY	LDR: Kidney Reoperation Vascular Date
REOPERATION_KI	Char	1	\$YNUNK	LDR: Kidney Reoperation
RESIST_SHIP_LT_KI	Num	8		CDR: Final Resistance Prior to Shipping (left)
RESIST_SHIP_LT_KI_I	Char	1	\$TRIND	CDR: Final Resistance Prior to Shipping (left), Status
RESIST_SHIP_RT_KI	Num	8		CDR: Final Resistance Prior to Shipping (right)
RESIST_SHIP_RT_KI_I	Char	1	\$TRIND	CDR: Final Resistance Prior to Shipping (right), Status
RESULT_AUTOXM1	Num	8	AUTOXMR	RHS: Most Recent row 1//AutoXM Result Using This Target and Technique:
RESULT_AUTOXM2	Num	8	AUTOXMR	RHS: Most Recent row 2//AutoXM Result Using This Target and Technique:
RESULT_AUTOXM3	Num	8	AUTOXMR	RHS: Most Recent row 3//AutoXM Result Using This Target and Technique:
RESULT_AUTOXM4	Num	8	AUTOXMR	RHS: Most Recent row 4//AutoXM Result Using This Target and Technique:
RESULT_AUTOXM5	Num	8	AUTOXMR	RHS: Most Recent row 5//AutoXM Result Using This Target and Technique:
RESULT_POS_AUTOXM1	Num	8	AUTOXMR	RHS: Positive Xmatch row 1//AutoXM Result Using This Target and Technique:
RESULT_POS_AUTOXM2	Num	8	AUTOXMR	RHS: Positive Xmatch row 2//AutoXM Result Using This Target and Technique:
RESULT_POS_AUTOXM3	Num	8	AUTOXMR	RHS: Positive Xmatch row 3//AutoXM Result Using This Target and Technique:

Variable	Type	Length	Format	Comment
RESULT_POS_AUTOXM4	Num	8	AUTOXMR	RHS: Positive Xmatch row 4//AutoXM Result Using This Target and Technique:
RESULT_POS_AUTOXM5	Num	8	AUTOXMR	RHS: Positive Xmatch row 5//AutoXM Result Using This Target and Technique:
RESULT_POS_XM1	Num	8	X_MATCH	RHS: Result - Positive Xmatch row 1. Stop Collect From 2004
RESULT_POS_XM2	Num	8	X_MATCH	RHS: Result - Positive Xmatch row 2. Stop Collect From 2004
RESULT_POS_XM3	Num	8	X_MATCH	RHS: Result - Positive Xmatch row 3. Stop Collect From 2004
RESULT_POS_XM4	Num	8	X_MATCH	RHS: Result - Positive Xmatch row 4. Stop Collect From 2004
RESULT_POS_XM5	Num	8	X_MATCH	RHS: Result - Positive Xmatch row 5. Stop Collect From 2004
RESULT_XMAT1	Num	8	X_MATCH	RHS: Most Recent row 1//Result:
RESULT_XMAT2	Num	8	X_MATCH	RHS: Most Recent row 2//Result:
RESULT_XMAT3	Num	8	X_MATCH	RHS: Most Recent row 3//Result:
RESULT_XMAT4	Num	8	X_MATCH	RHS: Most Recent row 4//Result:
RESULT_XMAT5	Num	8	X_MATCH	RHS: Most Recent row 5//Result:
RESUSCIT_DUR	Num	8		CDR: If cardiac arrest since neurological event that led to declaration of brain death: Duration of Resuscitation(min)
RESUSCIT_DUR_I	Char	1	\$TRIND	CDR: Duration of Resuscitation, Status
RETURN_OR	Char	1	\$YNUNK	LDR: Return to OR After Recov of Donor Organ. Stop Collect From 2004
RH	Char	1		TCR_KI: ABO Blood/Rh. Stop Collect from 6/30/2004
RHISP	Char	1	\$ETHFMT	TCR_KI: Patient Hispanic Ethnicity
RK_SHARE	Num	8	SHARETYC	CDR Share Type - R-Kidney. Stop Collect From 2003
RKPUMP	Char	1	\$YNUNK	CDR: Pump (Right Kidney)(Y/N)
RRACE	Char	3	\$RACEFMT	TCR_KI: Patient Race
RSEX	Char	1	\$	KIR: Recipient Gender
RT_KI_BIOPSY	Char	1	\$YNUNK	CDR: Kidney Biopsy (right)(Y/N)
RT_KI_FLOW	Num	8		CDR: Flow Rate (cc's/min) (Right Kidney). Stop Collect From 2004
RT_KI_FLOW_I	Char	1	\$TRIND	CDR: Flow Rate/Status (Right Kidney). Stop Collect From 2004
RT_KI_GLOMERUL	Num	8		CDR: % Glomerulosclerosis (Right Kidney)
RT_KI_PERFUS_DIAST	Num	8		CDR: Perfusion Pressuer Diastolic (mm/Hg) (Right Kideny). Stop Collect From 2004
RT_KI_PERFUS_DIAST_I	Char	1	\$TRIND	CDR: Perfusion Pressuer/Status Diastolic (Right Kideny). Stop Collect From 2004
RT_KI_PERFUS_SYST	Num	8		CDR: Perfusion Pressuer (mm/Hg) Systolic (Right Kideny). Stop Collect From 2004
RT_KI_PERFUS_SYST_I	Char	1	\$TRIND	CDR: Perfusion Pressuer/Status Systolic (Right Kideny). Stop Collect From 2004
RTYMETHC1	Num	8	HLA_TYMT	RHS: Typing Method Class I. Multiple selections. The value is comb of value(s) 1, 2, 4
RTYMETHC2	Num	8	HLA_TYMT	RHS: Typing Method Class II. Multiple selections. The value is comb of value(s) 1, 2, 4
RWT_ZIP	Char	1	\$	TCR_KI: Is Patient waiting in permanent ZIP code(Y/N/U)
SECONDARY_PAY	Num	8	SECNDPAY	KIR: Secondary Source of Payment
SECONDARY_PAY_L	Num	8	SECNDPAY	TCR_KI: Secondary Source of Payment at Listing Time
SELF	Char	1	\$YNUNK	LDR: Secondary Source of Payment: SELF. Stop Collect From 2004
SERA_TEST_CLASS1	Char	1	\$YNUNK	RHS: Were any sera tested pre-transplant that contain anti-HLA Class I antibody
SERA_TEST_CLASS2	Char	1	\$YNUNK	RHS: Were any sera tested pre-transplant that contain anti-HLA Class II antibody:
SERCREAT	Num	8		KIR: Serum Creatinie at Time of Tx(mg/dl)
SERCREATI	Char	1	\$TRIND	KIR: Serum Creatinie at Time of Tx / Status

Variable	Type	Length	Format	Comment
SERMALB	Num	8		TCR_KI: Total Serum Albumin at Listing Time
SERMALBI	Char	1	\$TRIND	TCR_KI: Total Serum Albumin at Listing Time, Status
SERUM_DT_ORIGINAL	Num	8	MMDDYY	RHS: Date of crossmatch serum - Least Recent
SERUM_DT_RECENT	Num	8	MMDDYY	RHS: Date of crossmatch serum
SERUM_SCREEN	Char	1	\$YNUNK	RHS: Was serum screened for anti-HLA Class II antibody
SEX_PROMISC	Char	1	\$YNUNK	CDR: Lifestyle Factors: Sexual Promiscuity. Stop Collect From 2004
SODIUM170	Char	1	\$YNUNK	CDR: Last Serum Sodium Prior to Procurement > 170 mEq/l. Stop Collect From 2004
SODIUM170_VAL	Num	8		CDR: Last Serum Sodium Prior to Procurement(mEq/L)
SODIUM170_VAL_I	Char	1	\$TRIND	CDR: Last Serum Sodium Prior to Procurement, Status
SRGCMP	Char	1	\$YNUNK	KIR: Post-Tx - Contributory causes of graft failure: Surgical Complications
STORAGE_DBL_ENBKI	Num	8	STORSOLN	CDR: Storage Solution - Enbloc Kidney. Stop Separately Collect From 2004
STORAGE_DBL_ENBKI_OSTXT	Char	50		CDR: Storage Solution/Specify - Enbloc Kidney. Stop Collect From 2004
STORAGE_LKI	Num	8	STORSOLN	CDR: Storage Solution - Left Kidney. Stop Separately Collect From 2004
STORAGE_LKI_OSTXT	Char	50		CDR: Storage Solution/Specify - Left Kidney. Stop Collect From 2004
STORAGE_PA	Num	8	STORSOLN	CDR: Storage Solution - Pancreas. Stop Separately Collect From 2004
STORAGE_PA_OSTXT	Char	50		CDR: Storage Solution/Specify - Pancreas. Stop Collect From 2004
STORAGE_PA_SEG1	Num	8	STORSOLN	CDR: Storage Solution - Pancreas Segment 1. Stop Separately Collect From 2004
STORAGE_PA_SEG2	Num	8	STORSOLN	CDR: Storage Solution - Pancreas Segment 2. Stop Separately Collect From 2004
STORAGE_PA_SEG1_OSTXT	Char	50		CDR: Storage Solution/Specify - Pancreas Segment 1. Stop Collect From 2004
STORAGE_PA_SEG2_OSTXT	Char	50		CDR: Storage Solution/Specify - Pancreas Segment 2. Stop Collect From 2004
STORAGE_RKI	Num	8	STORSOLN	CDR: Storage Solution - Right Kidney. Stop Separately Collect From 2004
STORAGE_RKI_OSTXT	Char	50		CDR: Storage Solution/Specify - Right Kidney. Stop Collect From 2004
SUITABLE	Num	8	DNRSUIT	CDR: Donor suitable for procurement of organs. Stop Collect From 2004
SUSPND_DT	Num	8	MMDDYY	KIR:
TARGET1	Num	8	PRATARGT	RHS: Target- Most Recent Class I
TARGET2	Num	8	PRATARGT	RHS: Target- Most Recent Class II
TATTOOS	Char	1	\$YNUNK	CDR: Lifestyle Factors: Tattoos
TDATE	Num	8	MMDDYY	KIR: Tx Date
TECHNIQUE1	Num	8	PRATECH	RHS: Technique - Most Recent Class I
TECHNIQUE2	Num	8	PRATECH	RHS: Technique - Most Recent Class II
TECHNIQUE1_OSTXT	Char	50	\$	RHS: Technique - Most Recent Class I, Specify
TECHNIQUE2_OSTXT	Char	50	\$	RHS: Technique - Most Recent Class II, Specify
TECHNIQUE_POS_XMAT1	Num	8	HISTTCHX	RHS: Positive Xmatch row 1//Technique:
TECHNIQUE_POS_XMAT2	Num	8	HISTTCHX	RHS: Positive Xmatch row 2//Technique:
TECHNIQUE_POS_XMAT3	Num	8	HISTTCHX	RHS: Positive Xmatch row 3//Technique:
TECHNIQUE_POS_XMAT4	Num	8	HISTTCHX	RHS: Positive Xmatch row 4//Technique:
TECHNIQUE_POS_XMAT5	Num	8	HISTTCHX	RHS: Positive Xmatch row 5//Technique:
TECHNIQUE_POS_XMAT_OSTXT1	Char	50	\$	RHS: Positive Xmatch row 1 Technique//Specify:
TECHNIQUE_POS_XMAT_OSTXT2	Char	50	\$	RHS: Positive Xmatch row 2 Technique//Specify:
TECHNIQUE_POS_XMAT_OSTXT3	Char	50	\$	RHS: Positive Xmatch row 3 Technique//Specify:
TECHNIQUE_POS_XMAT_OSTXT4	Char	50	\$	RHS: Positive Xmatch row 4 Technique//Specify:

Variable	Type	Length	Format	Comment
TECHNIQUE_POS_XMAT_OSTXT5	Char	50	\$	RHS: Positive Xmatch row 5 Technique//Specify:
TECHNIQUE_XMAT1	Num	8	HISTTCHX	RHS: Most Recent row 1//Technique:
TECHNIQUE_XMAT2	Num	8	HISTTCHX	RHS: Most Recent row 2//Technique:
TECHNIQUE_XMAT3	Num	8	HISTTCHX	RHS: Most Recent row 3//Technique:
TECHNIQUE_XMAT4	Num	8	HISTTCHX	RHS: Most Recent row 4//Technique:
TECHNIQUE_XMAT5	Num	8	HISTTCHX	RHS: Most Recent row 5//Technique:
TECHNIQUE_XMAT_OSTXT1	Char	50	\$	RHS: Most Recent row 1 Technique//Specify:
TECHNIQUE_XMAT_OSTXT2	Char	50	\$	RHS: Most Recent row 2 Technique//Specify:
TECHNIQUE_XMAT_OSTXT3	Char	50	\$	RHS: Most Recent row 3 Technique//Specify:
TECHNIQUE_XMAT_OSTXT4	Char	50	\$	RHS: Most Recent row 4 Technique//Specify:
TECHNIQUE_XMAT_OSTXT5	Char	50	\$	RHS: Most Recent row 5 Technique//Specify:
TECHNIQUEA	Num	8	HISTOTEC	RHS: Most Recent PRA Technique. Stop Collect From 2004
TECHNIQUEB	Num	8	HISTOTEC	RHS: Peak PRA Technique. Stop Collect From 2004
THERAPIES	Char	1	\$YNUNK	KIR: Treatment: other therapies(Y/N)
THERAPIES_TREATMENT	Num	8	OTHOTHER	KIR: If other therapies, all that apply. Multiple selections. The value is comb of value(s) 1, 2, 4
TISS	Char	1	\$YNUNK	CDR: Was Donor Tissue Removed for Purposes of Transplantation? (Y/N/U). Stop Collect From 2003
TISSUE_CONSENT	Char	5	\$YNUNK	CDR: Consent Information: Tissue Consented (Y/N). Stop Collect From 2004
TISSUE_CONSENT_REA	Num	8	CONS_NOT	CDR: Consent Information: Tissue Not Consented Reason. Stop Collect From 2004
TISSUE_CONSENT_REA_OSTXT	Char	50		CDR: Consent Information: Tissue Not Consented Reason/Other Specify. Stop Collect From 2004
TISSUE_REQ	Char	1	\$YNUNK	CDR: Consent Information: Tissue Requested (Y/N). Stop Collect From 2004
TISSUE_REQ_REASON	Num	8	CONSNOTR	CDR: Consent Information: Reason Tissue Not Requested. Stop Collect From 2004
TISSUE_REQ_REASON_OSTXT	Char	50		CDR: Consent Information: Reason Tissue Not Requested/Other Specify. Stop Collect From 2004
TOBACCO_USE	Char	1	\$YNUNK	LDR: Other Tobacco Used
TOLER_IND_TECH	Char	1	\$YNUNK	KIR: Any tolerance induction technique used
TRANS_PUMP_LT_KI	Char	1	\$YNUNK	CDR: Transferred on pump (left)
TRANS_PUMP_RT_KI	Char	1	\$YNUNK	CDR: Transferred on pump (right)
TRANSFUS_INTRAOP_NUM	Num	8	TRANSFUS	CDR: Transfusion Units Intraoperatively. Stop Collect From 2004
TRANSFUS_PRIOR_NUM	Num	8	TRANSFUS	CDR: Transfusion Units Prior to Surgery. Stop Collect From 2004
TRANSFUS_TERM	Num	8	TRANSFUS	CDR: Number of transfusions during this (terminal) hospitalization
TRCOPDR	Char	1	\$YNUNK	TCR_KI: Drug Treated COPD at Listing Time
TRDGN	Num	8	KI_DGN	KIR: Primary Diagnosis
TRDGN_L	Num	8	KI_DGN	TCR_KI: Primary Diagnosis at Listing Time
TRDGN_PA_L	Num	8	PA_DGN	TCR_KP: Primary Pancreas Diagnosis at Listing Time
TRDGNTX	Char	50	\$	KIR: Primary Diagnosis, Specify
TRDGNTX_L	Char	50	\$	TCR_KI: Primary Diagnosis at Listing Time, Specify
TRDGNTX_PA_L	Char	50	\$	TCR_KP: Primary Pancreas Diagnosis at Listing Time, Specify
TRHYPR	Char	1	\$YNUNK	TCR_KI: Drug Treated Systemic Hypertension at Listing Time
TRR_ID	Num	8		KIR: Transplant Recipient Registration ID
TUMOR_TX	Char	1	\$YNUNK	KIR: Incidental Tumor found at time of Transplant
TUMOR_TY	Num	8	TUMOR_KI	KIR: Type of Incidental Tumor found at time of Transplant
TUMOR_TY_OSTXT	Char	50	\$	KIR: Incidental Tumor found at time of Transplant, Specify
TX_DT1	Num	8	MMDDYY	TCR_KI: Previous Transplant Date

Variable	Type	Length	Format	Comment
TX_DT2	Num	8	MMDDYY	TCR_KI: Previous Transplant Date
TX_DT3	Num	8	MMDDYY	TCR_KI: Previous Transplant Date
TXFER_DT	Num	8	MMDDYY	KIR: Transfer Date
TXFUS_DT	Num	8	MMDDYY	KIR: Pretransplant Date of Last Tranfusion. Stop Collect from 6/30/2004
TXFUS_DT_I	Char	1	\$TRIND	KIR: Pretransplant Date of Last Tranfusion/Status. Stop Collect from 6/30/2004
UNOSGFDT	Num	8	MMDDYY	KIR: Date of Graft Failure
UNSUITABLE_REAS_OSTXT	Char	50		CDR: Donor unsuitable for procurement reason/Specify. Stop Collect From 2004
URINE24	Char	1	\$YNUNK	KIR: Kidney Produced > 40ml of Urine in First 24 Hours
URINE_INF_CONF	Char	1	\$YNUNK	CDR: Clinical Infection: Urine // Confirmed by Culture
URLCMP	Char	1	\$YNUNK	KIR: Contributory causes of graft failure: Urological Complications
USRDS_ID	Num	8	BEST	USRDS_ID
VASC_COMP_KI	Char	1	\$YNUNK	LDR: Kidney Vascular Complications Requiring Intervention
VASC_COMP_KI_INTER	Num	8	VASCCOMP	LDR: KI Vascular Complications, Specify. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32, 64
VASC_COMP_KI_INTER_OSTXT	Char	50	\$	LDR: Kidney Vascular Complications Other, Specify
VIRUSES_TESTED	Char	1	\$YNUNK	KIR: Have any of HIV, CMV, HBV, HCV, EBV ever been tested for. Stop Collect from 2/7/2007
WAITING_ZIP	Char	10		TCR_KI: Patient Waiting Zip Code. Stop Collect from 6/30/2004
WARM_ISCH_ANAS_KI_LT	Num	8		KIR: Total Warm Ischemia Time Left KI (OR EN-BLOC):(Include Anastomotic time)
WARM_ISCH_ANAS_KI_LT_I	Char	1	\$TRIND	KIR: Total Warm ischemia Time Left KI, status
WARM_ISCH_ANAS_KI_RT	Num	8		KIR: Total Warm Ischemia Time Right KI (OR EN-BLOC):(Include Anastomotic time)
WARM_ISCH_ANAS_KI_RT_I	Char	1	\$TRIND	KIR: Total Warm ischemia Time Right KI, status
WARM_ISCH_TM_LT	Num	8		KIR: Total Warm Ischemic Time KI Left. Stop Separately Collect from 6/30/2004
WARM_ISCH_TM_LT_I	Char	1	\$TRIND	KIR: Total Warm Ischemic Time/Status KI Left. Stop Separately Collect from 6/30/2004
WARM_ISCH_TM_RT	Num	8		KIR: Total Warm Ischemic Time KI Right. Stop Separately Collect from 6/30/2004
WARM_ISCH_TM_RT_I	Char	1	\$TRIND	KIR: Total Warm Ischemic Time/Status KI Right. Stop Separately Collect from 6/30/2004
WGT_KG_POST_TX	Num	8		KIR: Post-tx Weight In Kg
WGT_KG_POST_TX_I	Char	1	\$TRIND	KIR: Post-tx Weight In Kg, Status
WGT_L	Num	8		TCR_KI: Weight in Kilograms at Listing Time
WGTST_L	Char	1	\$TRIND	TCR_KI: Weight in Kilograms at Listing Time, Status
WORK_INCOME	Char	1	\$YNUNK	KIR: Working for income(Y/N/U)
WORK_INCOME_L	Char	1	\$YNUNK	TCR_KI: Working for income at Listing Time(Y/N/U)
WORK_NO_STATUS	Num	8	NOTWORK	KIR: Not Working Due To
WORK_NO_STATUS_L	Num	8	NOTWORK	TCR_KI: Not Working Due To at Listing Time
WORK_YES_STATUS	Num	8	WORKINC	KIR: Yes Working Status
WORK_YES_STATUS_L	Num	8	WORKINC	TCR_KI: Yes Working Status at Listing Time
WRIT_CONSENT	Num	8	WRITCONS	CDR: Written Consent Obtained By. Stop Collect From 2004
WRIT_CONSENT_OSTXT	Char	50		CDR: Written Consent Specified. Stop Collect From 2004
XMAT_OTH_SER	Char	1	\$YNUNK	RHS: C. Positive crossmatch with sera other than the most recent by any method
XMDONE	Char	1	\$YNUNK	RHS: Test Information - Crossmatch Done
YR_ENTRY_US	Num	8	MMDDYY	TCR_KI: If Patient is Non-Resident Alien, Year of Entry to the U.S

**TXUNOS\_KP: Kidney Pancreas Transplant -UNOS**  
*Includes transplant details collected by UNOS for years since 2003.*

Variable	Type	Length	Format	Comment
ACADEMIC_LEVEL	Num	8	ACAACT	KPR: Recipient Academic Activity Level
ACADEMIC_LEVEL_L	Num	8	ACAACT	TCR_KI: Patient Academic Activity Level at Listing Time
ACADEMIC_PRG	Num	8	ACAPRG	KPR: Recipient Academic Progress
ACADEMIC_PRG_L	Num	8	ACAPRG	TCR_KI: Patient Academic Progress at Listing Time
ACUTE_REJ_EPI_KI	Num	8	ACREJEPI	KPR: Did patient have any acute kidney rejection episodes between tx and disch
ACUTE_REJ_EPI_PA	Num	8	ACREJEPI	KPR: Did patient have any acute pancreas rejection episodes between tx and disch
ADMDATE	Num	8	MMDDYY	KPR: Date of Admission to Tx Center
AGE	Num	8		KPR: Recipient Age at Transplant Time
AGE_UNIT	Char	1	\$AGEUNIT	CDR: Age Unit
AGEDIAB	Num	8		TCR_KI: Patient Age of Diabetes Onset
AGEDIABI	Char	1	\$TRIND	TCR_KI: Patient Age of Diabetes Onset, Status
AGNT1	Num	8	INTROMED	CDR: Inotropic Medications at Time of Cross Clamp: Medication
AGNT2	Num	8	INTROMED	CDR: Inotropic Medications at Time of Cross Clamp: Medication
AGNT3	Num	8	INTROMED	CDR: Inotropic Medications at Time of Cross Clamp: Medication
AGNT_DOSE1	Num	8		CDR: Inotropic Medications at Time of Cross Clamp: Dosage At Time of Cross Clamp
AGNT_DOSE2	Num	8		CDR: Inotropic Medications at Time of Cross Clamp: Dosage At Time of Cross Clamp
AGNT_DOSE3	Num	8		CDR: Inotropic Medications at Time of Cross Clamp: Dosage At Time of Cross Clamp
AGNT_OSTXT1	Char	50	\$	CDR: Inotropic Medications at Time of Cross Clamp // Medication Specify
AGNT_OSTXT2	Char	50	\$	CDR: Inotropic Medications at Time of Cross Clamp // Medication Specify
AGNT_OSTXT3	Char	50	\$	CDR: Inotropic Medications at Time of Cross Clamp // Medication Specify
ALCOHOL_HEAVY	Char	1	\$YNUNK	CDR: Lifestyle Factors: Heavy Alcohol Use (heavy= 2+ drinks/day)
AMYLASE	Num	8		CDR: Terminal Lab Data: Serum Amylase
AMYLASE_I	Char	1	\$TRIND	CDR: Terminal Lab Data: Serum Amylase, Status
ANAST_LK	Char	1	\$YNUNK	KPR: Contributory Cause of Pancreas Failure: Anastomotic Leak
ANASTOM_TM_KI_LT	Num	8		KPR: Anastomotic Time KI Left. Stop Separately Collect from 6/30/2004
ANASTOM_TM_KI_LT_I	Char	1	\$TRIND	KPR: Anastomotic Time/Status KI Left. Stop Separately Collect from 6/30/2004
ANASTOM_TM_KI_RT	Num	8		KPR: Anastomotic Time KI Right. Stop Separately Collect from 6/30/2004
ANASTOM_TM_KI_RT_I	Char	1	\$TRIND	KPR: Anastomotic Time/Status KI Right. Stop Separately Collect from 6/30/2004
ANASTOM_TM_PA	Num	8		KPR: Anastomotic Time Pancreas. Stop Separately Collect from 6/30/2004
ANASTOM_TM_PA_I	Char	1	\$TRIND	KPR: Anastomotic Time/Status Pancreas. Stop Separately Collect from 6/30/2004
ANGINA	Num	8	ANGINAA	TCR_KI: Angina/Coronary Artery Disease. Stop Collect from 6/30/2004
ANGINA_CAD	Num	8	ANGINACA	TCR_KI: Angial / CAD at Listing Time
ANTI_VIRAL	Char	1	\$YNUNK	KPR: Treatment: Biological or Anti-viral Therapy(Y/N/U)
ANTI_VIRAL_TREATMENTS	Num	8	ANTIVIRL	KPR: If Anti-viral, check all that apply. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024.

Variable	Type	Length	Format	Comment
ARGININE	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Arginine Vasopressin(Y/N/U)
ART_RECON	Num	8	ARTILREC	KPR: Arterial Reconstruction
ART_RECON_OSTXT	Char	50	\$	KPR: Arterial Reconstruction, Specify
BACK_TBL_FLUSH_DBL_ENBKI	Num	8	BTFLUSH	CDR: Donor Double Enbloc Kidney Back Table Flush Solution
BACK_TBL_FLUSH_DBL_ENBKI_OSTXT	Char	50	\$	CDR: Donor Double Enbloc Kidney Back Table Flush Solution, Specify
BACK_TBL_FLUSH_KIL	Num	8	BTFLUSH	CDR: Donor Left Kidney Back Table Flush Solution
BACK_TBL_FLUSH_KIL_OSTXT	Char	50	\$	CDR: Donor Left Kidney Back Table Flush Solution, Specify
BACK_TBL_FLUSH_KIR	Num	8	BTFLUSH	CDR: Donor Right Kidney Back Table Flush Solution
BACK_TBL_FLUSH_KIR_OSTXT	Char	50	\$	CDR: Donor Right Kidney Back Table Flush Solution, Specify
BACK_TBL_FLUSH_PA	Num	8	BTFLUSH	CDR: Donor Pancreas Back Table Flush Solution
BACK_TBL_FLUSH_PA_OSTXT	Char	50	\$	CDR: Donor Pancreas Back Table Flush Solution, Specify
BACK_TBL_FLUSH_PA_SEG1	Num	8	BTFLUSH	CDR: Donor Pancreas Segment 1 Back Table Flush Solution
BACK_TBL_FLUSH_PA_SEG2	Num	8	BTFLUSH	CDR: Donor Pancreas Segment 2 Back Table Flush Solution
BACK_TBL_FLUSH_PA_SEG1_OSTXT	Char	50	\$	CDR: Donor Pancreas Segment 1 Back Table Flush Solution, Specify
BACK_TBL_FLUSH_PA_SEG2_OSTXT	Char	50	\$	CDR: Donor Pancreas Segment 2 Back Table Flush Solution, Specify
BANFF	Num	8	BANFFLEV	KPR: BANFF Level (Stages). Stop Collect from 6/30/2004
BIOP_ARTER_SCLERO_LT	Num	8	KIBIOPVA	KPR: Biopsy of Donor KI: Arteriosclerosis Left KI. Stop Collect from 6/30/2004
BIOP_ARTER_SCLERO_RT	Num	8	KIBIOPVA	KPR: Biopsy of Donor Kidney Performed at Tx Center: Biopsy Results Arteriosclerosis KI Right. Stop Collect from 6/30/2004
BIOP_FIBROSIS_LT	Num	8	KIBIOPVA	KPR: Biopsy of Donor KI: Fibrosis Left KI. Stop Collect from 6/30/2004
BIOP_FIBROSIS_RT	Num	8	KIBIOPVA	KPR: Biopsy of Donor Kidney Performed at Tx Center: Biopsy Results Fibrosis KI Right. Stop Collect from 6/30/2004
BIOP_GLUMEROS_LT	Num	8	KI_GLUMR	KPR: Biopsy of Donor KI: Glomerulosclerosis% Left KI. Stop Collect from 6/30/2004
BIOP_GLUMEROS_RT	Num	8	KI_GLUMR	KPR: Biopsy of Donor Kidney Performed at Tx Center: Biopsy Results Glomerulosclerosis % KI Right. Stop Collect from 6/30/2004
BIOP_ISLET	Char	1	\$YNUNK	KPR: Contributory Cause of Pancreas Failure: Biopsy Proven Isletitis(Y/N/U)
BIOP_SECTION	Num	8	BIOPSEC	KPR: Biopsy of Donor Kidney Performed at Tx Center. Stop Collect from 6/30/2004
BIOPSY_CONFIRMED_KI	Num	8	BIOPCONF	KPR: Was biopsy done to confirm kidney acute rejection
BIOPSY_CONFIRMED_PA	Num	8	BIOPCONF	KPR: Was biopsy done to confirm pancreas acute rejection
BIOPSY_DONE_KI	Char	1		KPR: Patient Treated for Rejection. If yes, biopsy done Kidney. Stop Separately Collect from 6/30/2004
BIOPSY_DONE_PA	Char	1		KPR: Patient Treated for Rejection. If yes, biopsy done Pancreas. Stop Separately Collect from 6/30/2004
BIOPSY_KI	Char	1	\$YNUNK	KPR: Biopsy Confirmed Kidney Rejection. Stop Separately Collect from 6/30/2004
BIOPSY_PA	Char	1	\$YNUNK	KPR: Biopsy Confirmed Pancreas Rejection. Stop Separately Collect from 6/30/2004
BLEED	Char	1	\$YNUNK	KPR: Contributory Cause of Pancreas Failure: Bleeding(Y/N/U)
BLEED_REQ_TRANSFUS	Num	8	TRANSFUS	LDR: Bleeding Requiring Transfusion. Stop Collect From 2004
BLOOD_INF_CONF	Char	1	\$YNUNK	CDR: Clinical Infection: Blood // Confirmed by Culture
BMI	Num	8		KPR: BMI
BMI_L	Num	8		TCR_KI: bmi at Listing Time
BMTX	Char	1		KPR: Multiple Organ Recipient: Bone Marrow(T/F)
BOTH1TXT	Char	50	\$	KPR: Biological or Anti-viral Therapy1//Specify
BOTH2TXT	Char	50	\$	KPR: Biological or Anti-viral Therapy2//Specify



Variable	Type	Length	Format	Comment
BP_DIAS	Num	8		LDR: Preoperative Blood Pressure Diastolic
BP_DIASI	Char	1	\$TRIND	LDR: Preoperative Blood Pressure Diastolic, Status
BP_DISCH_DIAST	Num	8		LDR: At Discharge Diastolic. Stopped from Oct. 2004 file
BP_DISCH_DIAST_I	Char	1	\$TRIND	LDR: At Discharge Diastolic/Status. Stop Collect From 2004
BP_DISCH_SYST	Num	8		LDR: At Discharge Systolic. Stop Collect From 2004
BP_DISCH_SYST_I	Char	1	\$TRIND	LDR: At Discharge Systolic/Status. Stop Collect From 2004
BP_POSTOP_DIAST	Num	8		LDR: Post-Op(Within 6 weeks post-donation) Blood Pressure Diastolic
BP_POSTOP_DIAST_I	Char	1	\$TRIND	LDR: Post-Op (Within 6 weeks post-donation) Blood Pressure Diastolic, Status
BP_POSTOP_SYST	Num	8		LDR: Post-Op (Within 6 weeks post-donation) Blood Pressure Systolic
BP_POSTOP_SYST_I	Char	1	\$TRIND	LDR: Post-Op (Within 6 weeks post-donation) Blood Pressure Systolic, Status
BP_PRE	Num	8		LDR: Preoperative Blood Pressure Systolic
BP_PREI	Char	1	\$TRIND	LDR: Preoperative Blood Pressure Systolic, Status
BRAIN_DTH_TIME	Char	29		CDR: Date and time of pronouncement of death: (Complete for brain dead and DCD donors)
CARDARREST_NEURO	Char	1	\$YNUNK	CDR: Cardiac arrest since neurological event that led to declaration of brain death
CDC_GROWTH_BMI	Num	8		KPR: BMI://%ile
CDC_GROWTH_BMI_L	Num	8		TCR_KI: cdc growth bmi at Listing Time
CDC_GROWTH_HGT	Num	8		KPR: Height Percentile//Growth Percentiles//%ile
CDC_GROWTH_HGT_L	Num	8		TCR_KI: cdc growth hgt at Listing Time
CDC_GROWTH_WGT	Num	8		KPR: Weight Percentile//Growth Percentiles//%ile
CDC_GROWTH_WGT_L	Num	8		TCR_KI: cdc growth wgt at Listing Time
CDC_RISK_HIV	Char	1	\$YNUNK	CDR: Does the Donor meet CDC guidelines for 'High Risk' for an organ donor
CELL_SRC_POS_XMAT1	Num	8	TGCELSRC	RHS: Positive Xmatch row 1//Target:
CELL_SRC_POS_XMAT2	Num	8	TGCELSRC	RHS: Positive Xmatch row 2//Target:
CELL_SRC_POS_XMAT3	Num	8	TGCELSRC	RHS: Positive Xmatch row 3//Target:
CELL_SRC_POS_XMAT4	Num	8	TGCELSRC	RHS: Positive Xmatch row 4//Target:
CELL_SRC_POS_XMAT5	Num	8	TGCELSRC	RHS: Positive Xmatch row 5//Target:
CELL_SRCA	Num	8	TGTCSRC	RHS: Cell Source - Most Recent PRA. Stop Collect From 2004
CELL_SRCB	Num	8	TGTCSRC	RHS: Cell Source - Peak PRA. Stop Collect From 2004
CELL_TY_POS_XMAT1	Num	8	CELL_TY	RHS: Positive Xmatch row 1//Cell Type:
CELL_TY_POS_XMAT2	Num	8	CELL_TY	RHS: Positive Xmatch row 2//Cell Type:
CELL_TY_POS_XMAT3	Num	8	CELL_TY	RHS: Positive Xmatch row 3//Cell Type:
CELL_TY_POS_XMAT4	Num	8	CELL_TY	RHS: Positive Xmatch row 4//Cell Type:
CELL_TY_POS_XMAT5	Num	8	CELL_TY	RHS: Positive Xmatch row 5//Cell Type:
CELL_TYA	Num	8	CELL_TY	RHS: Cell Type - Most Recent PRA. Stop Collect From 2004
CELL_TYB	Num	8	CELL_TY	RHS: Cell Type - Peak PRA. Stop Collect From 2004
CLAMP_TM_I	Char	1	\$TRIND	CDR: Clamp Time Status
CLAMP_TM_ZONE	Num	8	TIMEZONE	CDR: Clamp Time Zone
CMV	Char	2	\$SCREEN	KPR: Pretransplant CMV Detection. Stop Collect from 2/7/2007
CMV_CLINICAL	Char	2	\$YNUNK	KPR: Pretx: Was there clinical disease(Y/N/U). Stop Collect from 2/7/2007
CMV_CULTURE	Char	2	\$SCREEN	KPR: Pretransplant CMV Detection: Culture(P/N/U/ND). Stop Collect from 2/7/2007
CMV_DNA	Char	2	\$SCREEN	KPR: Pretransplant Serology: CMV DNA. Stop Collect from 6/30/2004
CMV_NUCLEIC	Char	2	\$SCREEN	KPR: Pretransplant CMV Detection: Nucleic Acid Testing(P/N/U/ND). Stop Collect from 2/7/2007

Variable	Type	Length	Format	Comment
CMV_YN	Char	1	\$YNUNK	KPR: Pretx CMV(Y/N/U). Stop Collect from 2/7/2007
CMVIGG	Char	2	\$SCREEN	KPR: Pretransplant CMV Detection: IGG(P/N/U/ND)
CMVIGM	Char	2	\$SCREEN	KPR: Pretransplant CMV Detection: IGM(P/N/U/ND)
COGNITIVE_DEV	Num	8	COGDEVLP	KPR: Cognitive Development(Pediatric Only)
COGNITIVE_DEV_I	Num	8	COGDEVLP	TCR_KI: Cognitive Development(Pediatric Only) at Listing Time
COLD_ISCH_PUMP_KI_LT	Num	8		KPR: Total Cold ischemia Time Left KI(OR EN-BLOC): (if pumped, include pump time)
COLD_ISCH_PUMP_KI_LT_I	Char	1	\$TRIND	KPR: Total Cold ischemia Time Left KI(OR EN-BLOC): (if pumped, include pump time), Status
COLD_ISCH_PUMP_KI_RT	Num	8		KPR: Total Cold ischemia Time Right KI(OR EN-BLOC): (if pumped, include pump time)
COLD_ISCH_PUMP_KI_RT_I	Char	1	\$TRIND	KPR: Total Cold ischemia Time Right KI(OR EN-BLOC): (if pumped, include pump time), Status
COLD_ISCH_TM_KI_LT	Num	8		KPR: Total Cold Ischemic TimeKI Left. Stop Separately Collect from 6/30/2004
COLD_ISCH_TM_KI_LT_I	Char	1	\$TRIND	KPR: Total Cold Ischemic Time/Status KI Left. Stop Separately Collect from 6/30/2004
COLD_ISCH_TM_KI_RT	Num	8		KPR: Total Cold Ischemic Time KI Right. Stop Separately Collect from 6/30/2004
COLD_ISCH_TM_KI_RT_I	Char	1	\$TRIND	KPR: Total Cold Ischemic Time/Status KI Right. Stop Separately Collect from 6/30/2004
COMPL_ABS	Char	1	\$YNUNK	KPR: Pancreas Transplant Complications(Not leading to graft failure): Abscess or Local Infection(Y/N/U)
COMPL_ANASLK	Char	1	\$YNUNK	KPR: Pancreas Transplant Complications(Not leading to graft failure): Anastomotic Leak(Y/N/U)
COMPL_PANCREA	Char	1	\$YNUNK	KPR: Pancreas Transplant Complications(Not leading to graft failure): Pancreatitis(Y/N/U)
CONSENT_ATTORNEY	Char	1		
CONSENT_DOC_MECH_OSTXT	Char	50	\$	CDR: Other Consent Mechanism intent to be a donor, Specify
CONSENT_DON_CARD	Char	1		
CONSENT_DON_REGIS	Char	1		
CONSENT_DRIVE_LIC	Char	1		
CONSENT_LIV_WILL	Char	5	\$YNUNK	CDR: Consent based solely on written documentation: mechanisms/ Living will. Stop Collect From 2004
CONSENT_PX_WRIT_DOC	Char	1	\$YNUNK	CDR: Was the consent based solely on this documentation
CONSENT_TIME	Char	29		CDR: Date and time consent obtained for first organ
CONSENT_WRIT_DOC_INTENT	Char	1	\$YNUNK	CDR: Did the patient have written documentation of their intent to be a donor
CONTIN_ALCOHOL	Char	1	\$YNUNK	CDR: Continued alcohol in last six months. Stop Collect From 2004
CONTIN_COCAINE	Char	1	\$YNUNK	CDR: Lifestyle Factors: Cocaine Use AND continued in last six months
CONTIN_IV_DRUG	Char	1	\$YNUNK	CDR: Continued IV Drug Use in last six months. Stop Collect From 2004
CONTROLLED	Char	1	\$YNUNK	CDR: If Was a DCD donor, controlled(Y/N/U)
CONVERT_OPEN_KI	Char	1	\$YNUNK	LDR: Kidney Surgical Information: Conversion from Laparoscopic to Open
COUNTRY	Char	3	\$CTRY	TCR_KI: Non_Resident Alien. Home Country. Stop Collect from 6/30/2004
CREAT_CLEAR	Num	8		KPR: Pretransplant Creatinine Clearance. Stop Collect from 6/30/2004
CREAT_CLEAR_I	Char	1	\$YNUNK	KPR: Pretransplant Creatinine Clearance/Status. Stop Collect from 6/30/2004
CREAT_CLEAR_I_L	Char	1	\$YNUNK	TCR_KI: Creatinine Clearance/Status at Listing Time. Stop Collect from 6/30/2004

Variable	Type	Length	Format	Comment
CREAT_CLEAR_L	Num	8		TCR_KI: Creatinine Clearance at Listing Time. Stop Collect from 6/30/2004
CREAT_CLEAR_METH	Num	8	CREATMET	KPR: Pretransplant Creatinine Clearance Method. Stop Collect from 6/30/2004
CREAT_CLEAR_METH_L	Num	8	CREATMET	TCR_KI: Creatinine Clearance/Method at Listing Time. Stop Collect from 6/30/2004
CREATDEC	Char	1	\$YNUNK	KPR: Creatinine Decline by 25% or More in First 24 Hours on 2 separate samples(Y/N)
CRSMATCH_DONE_PERIOD	Char	1	\$YNUNK	RHS: If Crossmatch Done yes, was the crossmatch prospective to transplant
CTR_TY	Char	3	\$	KPR: Transplant Center Type
CTR_TY_LISTING	Char	3	\$	TCR_KI: Listing Center Type
CVASCR	Char	1	\$YNUNK	TCR_KI: Symptomatic Cerebrovascular Disease at Listing Time
D_F_TY	Char	3	\$	LDR: DONOR WORKUP FACILITY
DA1	Char	5		USRDS: DONOR HLA TYPING A(1)
DA2	Char	5		USRDS: DONOR HLA TYPING A(2)
DA1D	Char	8		DHS: Typing Method Class I: A(1)
DA1R	Char	8		RHS: Donor HLA Retyping A(1)
DA2D	Char	8		DHS: Typing Method Class I: A(2)
DA2R	Char	8		RHS: Donor HLA Retyping A(2)
DABO	Char	3	\$	CDR: ABO Blood Group
DAGE	Num	8		CDR / LDR: Donor Age in Months
DANCONV	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Anticonvulsants(Y/N/U)
DANHYP	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Antihypertensives(Y/N/U)
DANTIHCBC	Char	2	\$SCREEN	CDR: Serology: Anti-HBC
DANTIHCVC	Char	2	\$SCREEN	CDR: Serology: Anti-HCV
DB1	Char	5		USRDS: DONOR HLA TYPING B(1)
DB2	Char	5		USRDS: DONOR HLA TYPING B(2)
DB1D	Char	8		DHS: Typing Method Class I: B(1)
DB1R	Char	8		RHS: Donor HLA Retyping B(1)
DB2D	Char	8		DHS: Typing Method Class I: B(2)
DB2R	Char	8		RHS: Donor HLA Retyping B(2)
DBL_ENB_KIDISCD	Num	8	DISCD_CD	CDR: Reason organ not transplanted - Double Enbloc Kidney
DBL_ENB_KIDISCDTXT	Char	50	\$	CDR: Reason organ not transplanted - Double Enbloc Kidney, Specify
DBL_ENB_KITXT	Char	50	\$	CDR: Organ Dispositions: Reason Code - Double/En-bloc Kidney, Specify
DBLDINF	Char	1		
DBUN	Num	8		CDR: Terminal Lab Data: BUN
DBUNST	Char	1	\$STRIND	CDR: Terminal Lab Data: BUN, Status
DBW4D	Num	8	WKGRPHLA	DHS: Typing Method Class I: Bw4
DBW4R	Num	8	WKGRPHLA	RHS: Donor Retyping - Typing Method Class I: Bw4
DBW6D	Num	8	WKGRPHLA	DHS: Typing Method Class I: Bw6
DBW6R	Num	8	WKGRPHLA	RHS: Donor Retyping - Typing Method Class I: Bw6
DCANCER	Char	50	\$	CDR / LDR: History of Cancer, Specify
DCDATE	Num	8	MMDDYY	KPR: Date of Discharge from Tx Center
DCITY	Char	20	\$	CDR / LDR: Home City
DCITZ	Num	8	CITIZEN	CDR / LDR: Donor Citizenship
DCMV	Char	2	\$SCREEN	CDR / LDR: Serology: Anti-CMV

Variable	Type	Length	Format	Comment
DCMV_CLINICAL	Char	2	\$YNUNK	LDR: Viral Detection: DCMV_YN / If Yes, Was there clinical disease
DCMV_CULTURE	Char	2	\$SCREEN	LDR: Viral Detection: DCMV_YN / If Yes, Culture
DCMV_DNA	Char	2	\$SCREEN	LDR: Donor CMV DNA. Stop Collect From 2004
DCMV_IGG	Char	2	\$SCREEN	LDR: Viral Detection: CMV IGG
DCMV_IGM	Char	2	\$SCREEN	LDR: Viral Detection: CMV IGM
DCMV_NUCLEIC	Char	2	\$SCREEN	LDR: Viral Detection: DCMV_YN / If Yes, Nucleic Acid Testing
DCMV_YN	Char	1	\$YNUNK	LDR: Viral Detection: CMV tested
DCNFREE	Num	8		CDR / LDR: History of Cancer: Cancer Free Interval(years)
DCNFREEST	Char	1	\$TRIND	CDR / LDR: History of Cancer: Cancer Free Interval, Status
DCNTRY	Char	3	\$CTRY	CDR: Home Country
DCOD	Num	8	DON_COD	CDR: Deceased Donor Cause of Death
DCODTXT	Char	50	\$	CDR / LDR: Cause of Death, Specify
DCONCIG	Char	1	\$YNUNK	CDR: Lifestyle Factors: Cigarette Use AND continued in last six months
DCORCOOL	Char	1	\$YNUNK	CDR: If Was this a DCD donor Yes, Core Cooling Used
DCOTDRUG	Char	1	\$YNUNK	CDR: Lifestyle Factors: Other Drug Use AND continued in last six months
DCREAT	Num	8		CDR / LDR: Donor Pre-Donation Serum Creatinine
DCREST	Char	1	\$TRIND	CDR / LDR: Donor Pre-Donation Serum Creatinine, Status
DCW1D	Num	8	CWHLA	DHS: Typing Method Class I: Cw(1)
DCW1R	Num	8	CWHLA	RHS: Donor Retyping - Typing Method Class I: Cw1
DCW2D	Num	8	CWHLA	DHS: Typing Method Class I: Cw(2)
DCW2R	Num	8	CWHLA	RHS: Donor Retyping - Typing Method Class I: Cw2
DDAVP	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: DDAVP(Y/N/U)
DDCLMPDT	Num	8	MMDDYY	CDR: Clamp Date
DDCLMPTM	Char	10		CDR: Clamp Time
DDIET	Char	1	\$YNUNK	CDR: If History of Hypertension, Method of control: Diet(Y/N/U)
DDIUR	Char	1	\$YNUNK	CDR: If History of Hypertension, Method of control: Diuretics(Y/N/U)
DDOBUT	Char	1	\$YNUNK	CDR: Medications given to donor (24 hours prior to cross clamp): Dobutamine. Stop Separately Collect From 2003
DDOD	Num	8	MMDDYY	LDR: Date of Death
DDOPA	Char	1	\$YNUNK	CDR: Medications given to donor (24 hours prior to cross clamp): Dopamine. Stop Separately Collect From 2003
DDP1D	Num	8	DPHLA	DHS: Typing Method Class II: DPW(1)
DDP2D	Num	8	DPHLA	DHS: Typing Method Class II: DPW(2)
DDPW1R	Num	8	DPHLA	RHS: Donor Retyping - Typing Method Class II: DPw1
DDPW2R	Num	8	DPHLA	RHS: Donor Retyping - Typing Method Class II: DPw2
DDQ1D	Num	8	DQHLA	DHS: Typing Method Class II: DQ(1)
DDQ2D	Num	8	DQHLA	DHS: Typing Method Class II: DQ(2)
DDQW1R	Num	8	DQHLA	RHS: Donor Retyping - Typing Method Class II: DQw1
DDQW2R	Num	8	DQHLA	RHS: Donor Retyping - Typing Method Class II: DQw2
DDR1	Char	5		USRDS: DONOR HLA TYPING DR(1)
DDR2	Char	5		USRDS: DONOR HLA TYPING DR(2)
DDR1D	Char	8	\$DRLOCUS	DHS: Typing Method Class II: DR(1)
DDR1R	Char	8	\$DRLOCUS	RHS: Donor HLA Retyping DR(1)
DDR2D	Char	8	\$DRLOCUS	DHS: Typing Method Class II: DR(2)
DDR2R	Char	8	\$DRLOCUS	RHS: Donor HLA Retyping DR(2)
DDR51D	Num	8	WKGRPHLA	DHS: Typing Method Class II: DR51
DDR52D	Num	8	WKGRPHLA	DHS: Typing Method Class II: DR52

Variable	Type	Length	Format	Comment
DDR53D	Num	8	WKGRPHLA	DHS: Typing Method Class II: DR53
DDRW51R	Num	8	WKGRPHLA	RHS: Donor Retyping - Typing Method Class II: DR51
DDRW52R	Num	8	WKGRPHLA	RHS: Donor Retyping - Typing Method Class II: DR52
DDRW53R	Num	8	WKGRPHLA	RHS: Donor Retyping - Typing Method Class II: DR53
DEBNA	Char	2	\$\$SCREEN	CDR: Serology: EBNA
DEBV	Char	1	\$\$YNUNK	LDR: Viral Detection: EBV tested
DEBV_CLINICAL	Char	2	\$\$YNUNK	LDR: Viral Detection: EBV / If Yes, Was there clinical disease
DEBV_IGG	Char	2	\$\$SCREEN	CDR: Serology: EBV(VCA)(IgG)
DEBV_IGM	Char	2	\$\$SCREEN	CDR: Serology: EBV(VCA)(IgM)
DEDUC	Num	8	ED_LEVEL	LDR: Living Donor Highest Education Level
DEPSTDNA	Char	2	\$\$SCREEN	LDR: Viral Detection: EBV DNA
DEPSTIGG	Char	2	\$\$SCREEN	LDR: Viral Detection: EBV IgG
DEPSTIGM	Char	2	\$\$SCREEN	LDR: Viral Detection: EBV IgM
DEXCNCR	Char	1	\$\$YNUNK	CDR: Cancer at time of procurement: Extracranial(Y/N/U)
DFUNCSTAT	Num	8	FUNCSTAT	LDR: Donor Functional Status
DHBCOR	Char	2	\$\$SCREEN	LDR: Viral Detection: HBV Core Antibody
DHBSAB	Char	2	\$\$SCREEN	CDR: Serology: HBsAb
DHBSAG	Char	2	\$\$SCREEN	LDR: Viral Detection: HBV Surface Antigen
DHBV	Char	1	\$\$YNUNK	LDR: Viral Detection: HBV tested
DHBV_CLINICAL	Char	2	\$\$YNUNK	LDR: Viral Detection: HBV / If Yes, Was there clinical disease
DHBV_HDV	Char	2	\$\$SCREEN	LDR: Viral Detection: HBV HDV (Delta Virus)
DHBV_LI_HIST	Char	2	\$\$SCREEN	LDR: Viral Detection: HBV Liver Histology
DHBVDNA	Char	2	\$\$SCREEN	LDR: Viral Detection: HBV DNA
DHCRIBA	Char	2	\$\$SCREEN	LDR: Viral Detection: HCV RIBA
DHCSCRN	Char	2	\$\$SCREEN	LDR: Viral Detection: HCV Antibody
DHCV	Char	1	\$\$YNUNK	LDR: Viral Detection: HCV tested
DHCV_CLINICAL	Char	2	\$\$YNUNK	LDR: Viral Detection: HCV / If Yes, Was there clinical disease
DHCV_LI_HIST	Char	2	\$\$SCREEN	LDR: Viral Detection: HCV Liver Histology
DHCVRNA	Char	2	\$\$SCREEN	LDR: Viral Detection: HCV RNA
DHDIAB	Num	8	HISTDIAB	CDR: History of Diabetes
DHGT	Num	8		CDR / LDR: Height(for LDR: Post-Op(Within 6 weeks post-donation))
DHGTST	Char	1	\$\$TRIND	CDR / LDR: Height in cm Status
DHHYP	Num	8	HISTHYPE	CDR / LDR: Donor History of Hypertension
DHISP	Char	1	\$\$ETHFMT	CDR / LDR: Donor Hispanic Ethnicity
DHISTCIG	Char	1	\$\$YNUNK	CDR / LDR: Lifestyle Factors: Cigarette Use - Ever
DHIV	Char	2	\$\$SCREEN	CDR: Serology: Anti-HIV I/II
DHIV_ANTIBODY	Char	2	\$\$SCREEN	LDR: Viral Detection: HIV Antibody
DHIV_CLINICAL	Char	2	\$\$YNUNK	LDR: Viral Detection: HIV / If Yes, Was there clinical disease
DHIV_RNA	Char	2	\$\$SCREEN	LDR: Viral Detection: HIV RNA
DHIV_YN	Char	1	\$\$YNUNK	LDR: Viral Detection: HIV tested
DHIVCNF	Char	2	\$\$SCREEN	LDR: Serology: HIV Confirmation(pre 2004 data)
DHIVSCRN	Char	2	\$\$SCREEN	LDR: Serology: HIV Screening(pre 2004 data)
DHLATYP	Char	1	\$\$YNUNK	DHS: Donor HLA Typed(Y/N/U)
DIAB_TREAT	Num	8	DIABTRET	LDR: Diabetes Treatment. Multiple selections. The value is comb of value(s) 1, 2, 4
DIABD	Char	1	\$\$YNUNK	LDR: Diabetes(Y/N/U)
DIABR	Num	8	DIAB_TY	TCR_KI: Diabetes / Type at Listing Time
DIALDT	Num	8	MMDDYY	KPR: If Pretransplant Dialysis Yes, Date First Dialyzed

Variable	Type	Length	Format	Comment
DIALDTI	Char	1	\$TRIND	KPR: If Pretransplant Dialysis Yes, Date First Dialyzed, Status
DIALR	Num	8	DIAL_TY	TCR_KI: Dialysis Type at Listing Time
DICCNCR	Char	1	\$YNUNK	CDR: Cancer at time of procurement: Intracranial(Y/N/U)
DINFCT	Char	1	\$YNUNK	CDR: Clinical Infection
DINSDEP	Num	8	INSDEP	CDR: Insulin Dependent
DISP_DBL_ENB_KI	Num	8	DISPOS	CDR: Donor Double Enbloc Kidney Disposition Code
DISP_LKI	Num	8	DISPOS	CDR: Donor Left Kidney Disposition Code
DISP_PA	Num	8	DISPOS	CDR: Donor Pancreas Disposition Code
DISP_PA_SEG1	Num	8	DISPOS	CDR: Donor Pancreas Segment 1 Disposition Code
DISP_PA_SEG2	Num	8	DISPOS	CDR: Donor Pancreas Segment 2 Disposition Code
DISP_RKI	Num	8	DISPOS	CDR: Donor Right Kidney Disposition Code
DIVDRUG	Char	1	\$YNUNK	CDR: IV Drug Use -Ever. Stop Collect From 2003
DNHTBEAT	Char	1	\$YNUNK	CDR: Was this a DCD donor (non - heartbeating)
DON_ORG	Char	4	\$	KPR: Previous Transplant Organ
DON_ORG1	Char	8		TCR_KI: Previous Transplant Organ at Listing Time
DON_ORG2	Char	8		TCR_KI: Previous Transplant Organ at Listing Time
DON_ORG3	Char	8		TCR_KI: Previous Transplant Organ at Listing Time
DON_RETYT_CLASS1	Char	1	\$YNUNK	RHS: Donor Retyping - Donor Retyped Class I
DON_RETYT_CLASS2	Char	1	\$YNUNK	RHS: Donor Retyping - Donor Retyped Class II
DON_SPEC_TXFUS	Char	1	\$YNUNK	KPR: Pretransplant: Any Donor Specific Transfusions. Stop Collect from 6/30/2004
DONATION	Char	1	\$YNUNK	LDR: Secondary Source of Payment: Donation. Stop Collect From 2004
DONID	Char	7	\$	KPR: UNOS Donor ID #
DONREL_U	Num	8	DON_REL	LDR: Donor Type
DOSE_DUR1	Num	8		CDR: Inotropic Medications at Time of Cross Clamp: Final Dosage Duration(hours)
DOSE_DUR2	Num	8		CDR: Inotropic Medications at Time of Cross Clamp: Final Dosage Duration(hours)
DOSE_DUR3	Num	8		CDR: Inotropic Medications at Time of Cross Clamp: Final Dosage Duration(hours)
DOSE_UNITS1	Num	8	INTROUNT	CDR: Inotropic Medications at Time of Cross Clamp: Final Dosage Units
DOSE_UNITS2	Num	8	INTROUNT	CDR: Inotropic Medications at Time of Cross Clamp: Final Dosage Units
DOSE_UNITS3	Num	8	INTROUNT	CDR: Inotropic Medications at Time of Cross Clamp: Final Dosage Units
DOTHDRUG	Char	1	\$YNUNK	CDR: Lifestyle Factors: Other Drug Use (non - IV) - Ever
DOTHINF	Char	1		
DOTHITXT	Char	50	\$	CDR: Clinical Infection - other, specify
DOTHMED1	Char	50		CDR: Medications administered within 24 hr prior to crossclamp: Other /Specify
DOTHMED2	Char	50		CDR: Medications administered within 24 hr prior to crossclamp: Other /Specify
DOTHMED3	Char	50		CDR: Medications administered within 24 hr prior to crossclamp: Other /Specify
DOTHYMED	Char	1	\$YNUNK	CDR: If History of Hypertension, Method of control: Other Hypertensive Med(Y/N/U)
DPHYSICAL_CAPACITY	Num	8	PHYSCAP	LDR: Donor Physical Capacity
DPINF	Char	1		
DPTDIUR	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Diuretics(Y/N/U)

Variable	Type	Length	Format	Comment
DPTHEP	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Heparin(Y/N/U)
DPTOTH1	Char	50		CDR: Other Medications administered within 24 hr prior to crossclamp: Specify
DPTOTH2	Char	50		CDR: Other Medications administered within 24 hr prior to crossclamp: Specify
DPTOTH3	Char	50		CDR: Other Medications administered within 24 hr prior to crossclamp: Specify
DPTOTH4	Char	50		CDR: Received Prerecovery Medication, Other specify. Stop Collect From 2003
DPTREAT	Char	1	\$YNUNK	CDR: Donor Received Prerecovery Medication(Y/N/U). Stop Collect From 2003
DPTSTER	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Steroids(Y/N/U)
DRACE	Char	3	\$RACEFMT	CDR / LDR: Donor Race
DRECVDT	Num	8	MMDDYY	CDR / LDR: Organ Recovery Date
DRETYMD1	Num	8	HLA_TYMT	RHS: Donor Typing Method Class I:
DRETYMD2	Num	8	HLA_TYMT	RHS: Donor Typing Method Class II:
DRETYP	Char	1	\$YNUNK	RHS: Donor Retyped at Your Center:
DRETYP1DT	Num	8	MMDDYY	RHS: Date Typing Completed Class I
DRETYP2DT	Num	8	MMDDYY	RHS: Date Typing Completed Class II
DRETYPTGT1	Num	8	TGCELSRC	RHS: Donor Retyping - Target Cell Source Class I. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32
DRETYPTGT2	Num	8	TGCELSRC	RHS: Donor Retyping - Target Cell Source Class II. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32
DRH	Char	1		CDR: Donor ABO Blood RH. Stop Collect From 2004
DSEX	Char	1	\$	CDR / LDR: Gender
DSGOT	Num	8		CDR: Terminal Lab Data: SGOT/AST
DSGOTST	Char	1	\$TRIND	CDR: Terminal Lab Data: SGOT/AST, Status
DSGPT	Num	8		CDR: Terminal Lab Data: SGPT/ALT
DSGPTST	Char	1	\$TRIND	CDR: Terminal Lab Data: SGPT/ALT, Status
DSKCNCR	Char	1	\$YNUNK	CDR: Cancer at time of procurement: Skin(Y/N/U)
DSTATE	Char	2	\$STATE	CDR / LDR: Home State
DSUSPND_DT	Num	8	MMDDYY	LDR:
DTBILI	Num	8		CDR: Terminal Lab Data: Total Bilirubin
DTBILST	Char	1	\$TRIND	CDR: Terminal Lab Data: Total Bilirubin, Status
DTCELL1	Num	8	TGCELSRC	DHS: Target Source for Class I. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32
DTCELL2	Num	8	TGCELSRC	DHS: Target Source for Class II. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32
DTHCIRC	Num	8	D_CIRCUM	CDR: Circumstances of Death
DTHMECH	Num	8	D_MECH	CDR: Mechanism of Death
DTYMETHC1	Num	8	HLA_TYMT	DHS: Donor Typing Method Class I. Multiple selections. The value is comb of value(s) 1, 2, 4
DTYMETHC2	Num	8	HLA_TYMT	DHS: Donor Typing Method Class II. Multiple selections. The value is comb of value(s) 1, 2, 4
DTYPE	Char	3	\$DONOR	KPR: Donor Type
DUCT_MGMT	Num	8	PADUCTMG	KPR: Surgical Information: Duct Management
DUCT_MGMT_OSTXT	Char	50	\$	KPR: Surgical Information: Duct Management//Specify
DUR_ABSTINENCE	Num	8	DUR_ABS	LDR: History of Cigarette Use: Duration of Abstinence
DURINF	Char	1		

Variable	Type	Length	Format	Comment
DVASOD	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Vasodilators(Y/N/U)
DVDRL	Char	2	\$SCREEN	CDR: Serology: RPR-VDRL
DVIRUSES_TESTED	Char	1	\$YNUNK	LDR: Have HIV, CMV, HBV, HCV, EBV ever been tested for
DWGT	Num	8		CDR / LDR: Weight(for LDR: Post-Op(Within 6 weeks post-donation))
DWGTST	Char	1	\$TRIND	CDR / LDR: Weight in kg Status
DWORK_INCOME	Char	1	\$YNUNK	LDR: Working for income(Y/N/U)
DWORK_NO_STATUS	Num	8	NOTWORK	LDR: Not Working Due To
DWORK_YES_STATUS	Num	8	WORKINC	LDR: Yes Working Status
DWTIME	Num	8		CDR: If Was a DCD donor, Estimated Warm Ischemic Time
DWTIMEST	Char	1	\$TRIND	CDR: If Was a DCD donor, Estimated Warm Ischemic Time, Status
DYR_ENTRY_US	Char	29	\$	LDR: If Donor is Non-Resident Alien, Year of Entry to the U.S
DZIP	Char	10	\$	CDR / LDR: Donor Home Zip
EBV	Char	1	\$YNUNK	KPR: Pretransplant EBV Detection(Y/N/U). Stop Collect from 2/7/2007
EBV_CLINICAL	Char	2	\$YNUNK	KPR: Pretransplant EBV Detection: Was there clinical disease(Y/N/U). Stop Collect from 2/7/2007
EBV_SEROSTATUS	Char	2	\$SCREEN	KPR: Viral Detection at Tx time // EBV Serology status. Converted from EBV IgG, EBV IgM and EBV DNA
EDUC	Num	8	ED_LEVEL	TCR_KI: Patient Highest Education Level at Listing Time
EMPL_STAT	Num	8	EMP_STAT	KPR: Employment Status. Changed Way to Collect from 6/30/2004
EMPL_STAT_L	Num	8	EMP_STAT	TCR_KI: Employment Status at Listing Time. Changed Way to Collect from 6/30/2004
EN_SHARE	Num	8	SHARETYC	CDR: Share Type - En-bloc Kidney. Stop Collect From 2003
EPSTDNA	Char	2	\$SCREEN	KPR: Pretransplant EBV Detection: DNA(P/N/U/ND). Stop Separately Collect from 2/7/2007
EPSTIGG	Char	2	\$SCREEN	KPR: Pretransplant EBV Detection: IgG(P/N/U/ND). Stop Separately Collect from 2/7/2007
EPSTIGM	Char	2	\$SCREEN	KPR: Pretransplant EBV Detection: IgM(P/N/U/ND). Stop Separately Collect from 2/7/2007
EXP_DT	Num	8	MMDDYY	LDR:
EXPERACC	Char	1	\$YNUNK	TCR_KI: Exhausted Peritoneal Access at Listing Time
EXPRESS_FAMILY	Char	1	\$YNUNK	CDR: Did the patient express to family or others the intent to be a donor
EXVASACC	Char	1	\$YNUNK	TCR_KI: Exhausted Vascular Access at Listing Time
FFP_UNITS	Num	8		LDR: Non-Autologous Blood Administration /If Yes, Number of FFP Units
FIN_FLOW_RATE_TX	Num	8		KPR: If put on pump or stayed on pump, Final flow rate at transplant
FIN_FLOW_RATE_TX_I	Char	1	\$TRIND	KPR: Final flow rate at tx, Status
FIN_RESIST_TX	Num	8		KPR: If put on pump or stayed on pump, Final resistance at transplant
FIN_RESIST_TX_I	Char	1	\$TRIND	KPR: Final resistance at tx, Status
FINAL_FLUSH_DBL_ENBKI	Num	8	FLUSH	CDR: Donor Double Enbloc Kidney Final/Storage Flush Solution
FINAL_FLUSH_DBL_ENBKI_OSTXT	Char	50	\$	CDR: Donor Double Enbloc Kidney Final/Storage Flush Solution, Specify
FINAL_FLUSH_KIL	Num	8	FLUSH	CDR: Donor Left Kidney Final/Storage Flush Solution
FINAL_FLUSH_KIL_OSTXT	Char	50	\$	CDR: Donor Left Kidney Final/Storage Flush Solution, Specify
FINAL_FLUSH_KIR	Num	8	FLUSH	CDR: Donor Right Kidney Final/Storage Flush Solution
FINAL_FLUSH_KIR_OSTXT	Char	50	\$	CDR: Donor Right Kidney Final/Storage Flush Solution, Specify
FINAL_FLUSH_PA	Num	8	FLUSH	CDR: Donor Pancreas Final/Storage Flush Solution
FINAL_FLUSH_PA_OSTXT	Char	50	\$	CDR: Donor Pancreas Final/Storage Flush Solution, Specify
FINAL_FLUSH_PA_SEG1	Num	8	FLUSH	CDR: Donor Pancreas Segment 1 Final/Storage Flush Solution
FINAL_FLUSH_PA_SEG2	Num	8	FLUSH	CDR: Donor Pancreas Segment 2 Final/Storage Flush Solution



Variable	Type	Length	Format	Comment
FINAL_FLUSH_PA_SEG1_OSTXT	Char	50	\$	CDR: Donor Pancreas Segment 1 Final/Storage Flush Solution, Specify
FINAL_FLUSH_PA_SEG2_OSTXT	Char	50	\$	CDR: Donor Pancreas Segment 2 Final/Storage Flush Solution, Specify
FLUSH_DBL_ENBKI	Num	8	FLUSH	CDR: Donor Double Enbloc Kidney Flush Solution. Stop Collect From 2004
FLUSH_DBL_ENBKI_OSTXT	Char	50		CDR: Donor Double Enbloc Kidney Flush Solution, Specify. Stop Collect From 2004
FLUSH_KIL	Num	8	FLUSH	CDR: Donor Left Kidney Flush Solution. Stop Collect From 2004
FLUSH_KIL_OSTXT	Char	50		CDR: Donor Left Kidney Flush Solution, Specify. Stop Collect From 2004
FLUSH_KIR	Num	8	FLUSH	CDR: Donor Right Kidney Flush Solution. Stop Collect From 2004
FLUSH_KIR_OSTXT	Char	50		CDR: Donor Right Kidney Flush Solution, Specify. Stop Collect From 2004
FLUSH_PA	Num	8	FLUSH	CDR: Donor Pancreas Flush Solution. Stop Collect From 2004
FLUSH_PA_OSTXT	Char	50		CDR: Donor Pancreas Flush Solution, Specify. Stop Collect From 2004
FLUSH_PA_SEG1	Num	8	FLUSH	CDR: Donor Pancreas Segment 1 Flush Solution. Stop Collect From 2004
FLUSH_PA_SEG2	Num	8	FLUSH	CDR: Donor Pancreas Segment 2 Flush Solution. Stop Collect From 2004
FLUSH_PA_SEG1_OSTXT	Char	50		CDR: Donor Pancreas Segment 1 Flush Solution, Specify. Stop Collect From 2004
FLUSH_PA_SEG2_OSTXT	Char	50		CDR: Donor Pancreas Segment 2 Flush Solution, Specify. Stop Collect From 2004
FORGOV_D	Char	3	\$CTRY	LDR: Primary Source of Payment: Foreign Govt. Stop Collect From 2004
FORGOV_KI	Char	3	\$CTRY	KPR: If Kidney Primary Source of Payment is "FOREIGN GOVT", Specify Foreign Government
FORGOV_L	Char	3	\$CTRY	TCR_KI: If Primary Source of Payment at Listing Time is "FOREIGN GOVT", Specify Foreign Government
FORGOV_PA	Char	3	\$CTRY	KPR: If Pancreas Primary Source of Payment is "FOREIGN GOVT", Specify Foreign Government
FORMAL_REQ	Num	8	DONATOR	CDR: Was a formal organ donation request made. Stop Collect From 2004
FORMAL_REQ_OSTXT	Char	50		CDR: Was a formal organ donation request made, Sepcify. Stop Collect From 2004
FREE	Char	1	\$YNUNK	LDR: Secondary Source of Payment: Free Care. Stop Collect From 2004
FUNCSTAT	Num	8	FUNCSTAT	KPR: Patient Status: pertaining to activities of daily living
FUNCSTL	Num	8	FUNCSTAT	TCR_KI: Patient Status: pertaining to activities of daily living at Listing Time
FWDIAL	Char	1	\$YNUNK	KPR: Patient Need Dialysis within First Week(Y/N)
GFREASI_KI	Num	8	KI_C_GRF	KPR: Primary Cause of Kidney Failure
GFREASI_PA	Num	8	PACGFT	KPR: Primary Cause of Pancreas Failure
GFRESOTH_KI	Char	50	\$	KPR: Kidney Primary Cause of Graft Failure, Specify
GFRESOTH_PA	Char	50	\$	KPR: Pancreas Primary Cause of Graft Failure, Specify
GRF_FAIL_DT1	Num	8	MMDDYY	TCR_KI: Previous Transplant Graft Fail Date
GRF_FAIL_DT2	Num	8	MMDDYY	TCR_KI: Previous Transplant Graft Fail Date
GRF_FAIL_DT3	Num	8	MMDDYY	TCR_KI: Previous Transplant Graft Fail Date
GRF_PLACEM_PA	Num	8	PAGRFTPL	KPR: Surgical Information: Graft Placement
GRF_REMOV_DT_PA	Num	8	MMDDYY	KPR: Pancreas Graft Removed: If Yes, Date Pancreas Graft Removed
GRF_REMOV_PA	Char	1	\$YNUNK	KPR: Pancreas Graft Removed(Y/N/U)
GRFAIL_KI	Char	1	\$PA_STAT	KPR: Post Tx: Kidney Status: Functioning / Failed (Y/N)
GRFAIL_PA	Char	1	\$PA_STAT	KPR: Post Tx: Pancreas Status: Functioning / Partial Function / Failed (Y/P/N)

Variable	Type	Length	Format	Comment
GRFTHRM_KI	Char	1	\$YNUNK	KPR: Contributory Cause of KI Failure: Kidney Graft Thrombosis
GRFTHRM_PA	Char	1	\$YNUNK	KPR: Contributory Cause of PA Failure: Pancreas Graft/Vascular Thrombosis
HAPLMAT	Num	8	HAPLOTY	DHS: Recipient of a Living Donor Information: Haplotype Match
HBCORE	Char	2	\$SCREEN	KPR: Pretransplant HBV Detection: Core Antibody(P/N/U/ND)
HBSAG	Char	2	\$SCREEN	KPR: Pretransplant HBV Detection: Surface Antigen(P/N/U/ND)
HBSAGC	Char	2	\$SCREEN	CDR: Serology: HBsAg
HBV	Char	1	\$YNUNK	KPR: Pretransplant HBV Detection (Y/N/U). Stop Collect from 2/7/2007
HBV_CLINICAL	Char	2	\$YNUNK	KPR: Pretransplant HBV Detection: Was there clinical disease(Y/N/U). Stop Collect from 2/7/2007
HBV_LI_HIST	Char	2	\$SCREEN	KPR: Pretransplant HBV Detection: Liver Histology(P/N/U/ND). Stop Collect from 2/7/2007
HBVDNA	Char	2	\$SCREEN	KPR: Pretransplant HBV Detection: DNA(P/N/U/ND). Stop Collect from 2/7/2007
HCRIBA	Char	2	\$SCREEN	KPR: Pretransplant HCV Detection: RIBA(P/N/U/ND). Stop Separately Collect from 2/7/2007
HCSRN	Char	2	\$SCREEN	KPR: Pretransplant HCV Detection: Antibody(P/N/U/ND). Stop Separately Collect from 2/7/2007
HCV	Char	1	\$YNUNK	KPR: Pretransplant HCV Detection(Y/N/U). Stop Collect from 2/7/2007
HCV_CLINICAL	Char	2	\$YNUNK	KPR: Pretransplant HCV Detection: Was there clinical disease(Y/N/U). Stop Collect from 2/7/2007
HCV_LI_HIST	Char	2	\$SCREEN	KPR: Pretransplant HCV Detection: Liver Histology(P/N/U/ND). Stop Collect from 2/7/2007
HCV_SEROSTATUS	Char	2	\$SCREEN	KPR: Viral Detection at Tx time // HCV Serology status. Converted from HCV_ANTIBODY and HCV_RIBA
HCVRNA	Char	2	\$SCREEN	KPR: Pretransplant HCV Detection: RNA(P/N/U/ND). Stop Collect from 2/7/2007
HEALTH_INS	Char	1	\$YNUNK	LDR: Did the donor have health insurance
HEMATOCRIT	Num	8		CDR: Terminal Lab Data: Hematocrit
HEMATOCRIT_I	Char	1	\$TRIND	CDR: Terminal Lab Data: Hematocrit, Status
HGT	Num	8		KPR: Height in Centimeters
HGT_L	Num	8		TCR_KI: Height in Centimeters at Listing Time
HGTST	Char	1	\$TRIND	KPR: Height in Centimeters, Status
HGTST_L	Char	1	\$TRIND	TCR_KI: Height in Centimeters at Listing Time, Status
HIST_ALCOHOL	Char	1	\$YNUNK	CDR: Alcohol Dependency - Ever. Stop Collect From 2004
HIST_CANCER	Num	8	CNCRSITE	CDR / LDR: History of Cancer
HIST_COCAINE	Char	1	\$YNUNK	CDR: Lifestyle Factors: Cocaine Use - Ever
HIST_IV_DRUG	Char	1	\$YNUNK	CDR: IV Drug - Ever. Stop Collect From 2004
HIST_PRISON	Char	1	\$YNUNK	CDR: History of Prison. Stop Collect From 2004
HIV	Char	1	\$YNUNK	KPR: Pretransplant HIV Detection(Y/N/U). Stop Collect from 2/7/2007
HIV_ANTIBODY	Char	2	\$SCREEN	KPR: Pretransplant HIV Detection: Antibody(P/N/U/ND). Stop Separately Collect from 2/7/2007
HIV_CLINICAL	Char	2	\$YNUNK	KPR: Pretransplant HIV Detection: Was there clinical disease(Y/N/U). Stop Collect from 2/7/2007
HIV_RNA	Char	2	\$SCREEN	KPR: Pretransplant HIV Detection: RNA(P/N/U/ND). Stop Separately Collect from 2/7/2007
HIV_SEROSTATUS	Char	2	\$SCREEN	KPR: Viral Detection at Tx time // HIV Serology status. Converted from HIV_ANTIBODY, HIV_CONF_READONLY, HIV_RNA and HIV_SCRN_READONLY from 2007

Variable	Type	Length	Format	Comment
HIVCNF	Char	2	\$\$SCREEN	KPR: Pretransplant HIV Detection: Confirmation(P/N/U/ND). Stop Separately Collect from 2/7/2007
HIVSCRN	Char	2	\$\$SCREEN	KPR: Pretransplant HIV Detection: Screening(P/N/U/ND). Stop Separately Collect from 2/7/2007
HLA1DT	Num	8	MMDDYY	RHS: Date Typing Completed Class I
HLA2DT	Num	8	MMDDYY	RHS: Date Typing Completed Class II
HLA_INTERPRET1	Num	8	ANTIHLAA	RHS: Anti-HLA Interpretation - Most Recent Class I
HLA_INTERPRET2	Num	8	ANTIHLAB	RHS: Anti-HLA Interpretation - Most Recent Class II
HLADONE	Char	1	\$\$YNUNK	RHS: Test Information - HLA typing Done
HMO_PPO	Char	1	\$\$YNUNK	LDR: Secondary Source of Payment: HMO/PPO. Stop Collect
HOSP_90_DAYS	Char	1	\$\$YNUNK	KPR: Was patient hospitalized during the last 90 days prior to the tx admission
HRTX	Char	1		KPR: Multiple Organ Recipient: Heart(T/F)
HTLV	Char	2	\$\$SCREEN	CDR: Serology: Anti-HTLV I/II
HYPER_DIET	Char	1	\$\$YNUNK	LDR: History of Hypertension / If Yes, Method Ctl: Diet
HYPER_DIUR	Char	1	\$\$YNUNK	LDR: History of Hypertension / If Yes, Method Ctl: Diuretics
HYPER_MEDS	Char	1	\$\$YNUNK	LDR: History of Hypertension / If Yes, Method Ctl: Other Hypertensive Med
HYPERTENSION	Char	1	\$\$YNUNK	LDR: Post-Op(Within 6 weeks post-donation): Donor Developed HTN Requiring Med
INFECT_HOSP	Char	1	\$\$YNUNK	LDR: Infections During Hosp. Stop Collect From 2004
INFECT_KI	Char	1	\$\$YNUNK	KPR: Contributory Cause of Kidney Graft Failure: Kidney Infection
INFECT_PA	Char	1	\$\$YNUNK	KPR: Contributory Cause of Pancreas Graft Failure: Pancreas Infection
INIT_DISCHARGE_DT	Num	8	MMDDYY	LDR: Date of Initial Discharge
INITIAL_FLUSH_DBL_ENBKI	Num	8	FLUSH	CDR: Donor Double Enbloc Kidney Initial Flush Solution
INITIAL_FLUSH_DBL_ENBKI_OSTXT	Char	50	\$	CDR: Donor Double Enbloc Kidney Initial Flush Solution, Specify
INITIAL_FLUSH_KIL	Num	8	FLUSH	CDR: Donor Left Kidney Initial Flush Solution
INITIAL_FLUSH_KIL_OSTXT	Char	50	\$	CDR: Donor Left Kidney Initial Flush Solution, Specify
INITIAL_FLUSH_KIR	Num	8	FLUSH	CDR: Donor Right Kidney Initial Flush Solution
INITIAL_FLUSH_KIR_OSTXT	Char	50	\$	CDR: Donor Right Kidney Initial Flush Solution, Specify
INITIAL_FLUSH_PA	Num	8	FLUSH	CDR: Donor Pancreas Initial Flush Solution
INITIAL_FLUSH_PA_OSTXT	Char	50	\$	CDR: Donor Pancreas Initial Flush Solution, Specify
INITIAL_FLUSH_PA_SEG1	Num	8	FLUSH	CDR: Donor Pancreas Segment 1 Initial Flush Solution
INITIAL_FLUSH_PA_SEG2	Num	8	FLUSH	CDR: Donor Pancreas Segment 2 Initial Flush Solution
INITIAL_FLUSH_PA_SEG1_OSTXT	Char	50	\$	CDR: Donor Pancreas Segment 1 Initial Flush Solution, Specify
INITIAL_FLUSH_PA_SEG2_OSTXT	Char	50	\$	CDR: Donor Pancreas Segment 2 Initial Flush Solution, Specify
INOTROP_AGENTS	Char	1	\$\$YNUNK	CDR: Three or more inotropic agents at time of incision
INOTROP_SUP	Char	1	\$\$YNUNK	CDR: Inotropic Medications at Time of Cross Clamp
INR	Num	8		CDR: Terminal Lab Data: INR
INR_I	Char	1	\$\$TRIND	CDR: Terminal Lab Data: INR, Status
INSULIN	Char	1	\$\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: Insulin(Y/N/U)
INSULIN_RES_DT	Num	8	MMDDYY	KPR: Date Insulin/Medication Resumed
INTX	Char	1	\$\$YNUNK	KPR: Multiple Organ Recipient: Intestine(T/F)
KI_CREAT_DISCH	Num	8		LDR: Kidney Creatinine At Discharge. Stop Collect From 2004
KI_CREAT_DISCH_I	Char	1	\$\$TRIND	LDR: Kidney Creatinine At Discharge/Status. Stop Collect From 2004
KI_CREAT_POSTOP	Num	8		LDR: Post-Op(Within 6 weeks post-donation) Kidney Serum Creatinine
KI_CREAT_POSTOP_I	Char	1	\$\$TRIND	LDR: Post-Op(Within 6 weeks post-donation) Kidney Serum Creatinine, Status
KI_GLOMERUL	Num	8	KI_GLUMR	LDR: Kidney Biopsy / If Yes, Glomerulosclerosis

Variable	Type	Length	Format	Comment
KILDISCD	Num	8	DISCD_CD	CDR: Reason organ not transplanted - Left Kidney
KILTXT	Char	50	\$	CDR: Organ Dispositions: Reason Code Left Kidney, Specify
KIPROC	Num	8	KI_PR_TY	LDR: Kidney//Intended Procedure Type
KIRDISCD	Num	8	DISCD_CD	CDR: Reason organ not transplanted - Right Kidney
KIRTXT	Char	50	\$	CDR: Organ Dispositions: Reason Code Right Kidney, Specify
KITX	Char	1		KPR: Multiple Organ Recipient: Kidney(T/F)
KPPROC	Num	8	KP_PROC	KPR: Procedure Type
LABCTR TYD	Char	3	\$	DHS: Lab Center Type
LABCTR TYR	Char	3	\$	RHS: Lab Center Type
LDCOD	Num	8	LDON_COD	LDR: Living Donor Cause of Death
LDISCTXT	Char	50	\$	CDR: Reason organ not transplanted Left Kidney, Specify
LDON_ORG2	Char	4		LDR: Donor 2nd Recovered Organ
LDTYPEI	Char	50	\$	LDR: Donor Type, Status
LEN_HOSP_STAY	Num	8		LDR: Length of Hospital Stay (days). Stop Collect From 2004
LEN_HOSP_STAY_I	Char	1	\$TRIND	LDR: Length of Hospital Stay/Status. Stop Collect From 2004
LIFE_SUP	Char	1	\$YNUNK	KPR: Patient on Life Support at Tx Time. Stop Collect from 6/30/2004
LIFE_SUP_ECMO_L	Char	5		TCR_KI: Patient on Life Support at Listing Time / ECMO. Stop Collect from 6/30/2004
LIFE_SUP_IABP_L	Char	5		TCR_KI: Patient on Life Support at Listing Time / IABP. Stop Collect from 6/30/2004
LIFE_SUP_INOTROPES_L	Char	5		TCR_KI: Patient on Life Support at Listing Time / IV Inotropes. Stop Collect from 6/30/2004
LIFE_SUP_L	Char	5		TCR_KI: Patient on Life Support at Listing Time. Stop Collect from 6/30/2004
LIFE_SUP_PGE_L	Char	5		TCR_KI: Patient on Life Support at Listing Time / PGE. Stop Collect from 6/30/2004
LIFE_SUP_VAD_TAH_L	Num	8	VADTAH	TCR_KI: Patient on Life Support at Listing Time / VAD Brands. Stop Collect from 6/30/2004
LIFE_SUP_VAD_TAH_OSTXT_L	Char	50		TCR_KI: Patient on Life Support at Listing Time / VAD Brands, Specify. Stop Collect from 6/30/2004
LIFE_SUP_VENTILATOR_L	Char	5		TCR_KI: Patient on Life Support at Listing Time / Ventilator. Stop Collect from 6/30/2004
LIPASE	Num	8		CDR: Terminal Lab Data: Serum Lipase
LIPASE_I	Char	1	\$TRIND	CDR: Terminal Lab Data: Serum Lipase, Status
LISTDAT	Num	8	MMDDYY	TCR_KI: Date of Listing or Add
LITX	Char	1		KPR: Multiple Organ Recipient: Liver(T/F)
LK_SHARE	Num	8	SHARETYC	CDR: Share Type - L-Kidney. Stop Collect From 2003
LKPUMP	Char	1	\$YNUNK	CDR: Pump (Left Kidney)
LT_KI_BIOPSY	Char	1	\$YNUNK	CDR: Left Kidney Biopsy
LT_KI_FLOW	Num	8		CDR: Flow Rate(cc's/min) (Left Kidney). Stop Collect From 2004
LT_KI_FLOW_I	Char	1	\$TRIND	CDR: Flow Rate/Status (Left Kidney). Stop Collect From 2004
LT_KI_GLOMERUL	Num	8		CDR: % Glomerulosclerosis (Left Kidney)
LT_KI_PERFUS_DIAST	Num	8		CDR: Perfusion Pressure Diastolic(mm/Hg) (Left Kidney). Stop Collect From 2004
LT_KI_PERFUS_DIAST_I	Char	1	\$TRIND	CDR: Perfusion Pressure/Status Diastolic (Left Kidney). Stop Collect From 2004
LT_KI_PERFUS_SYST	Num	8		CDR: Perfusion Pressure Systolic (mm/Hg)(Left Kidney). Stop Collect From 2004
LT_KI_PERFUS_SYST_I	Char	1	\$TRIND	CDR: Perfusion Pressure/Status Systolic (Left Kidney). Stop Collect From 2004
LUTX	Char	1		KPR: Multiple Organ Recipient: Lung(T/F)

Variable	Type	Length	Format	Comment
MAINTMED	Char	1	\$YNUNK	KPR: Are any medications given currently for maintenance or anti-rejection(Y/N)
MALIG	Char	1	\$YNUNK	KPR: Malignancies between listing and transplant(Y/N/U)
MALIG_OSTXT	Char	50	\$	KPR: Malignancies between listing and transplant, Specify
MALIG_TY	Num	8	MALIGMUL	KPR: Malignancy type. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, 2048.
MARITAL_STAT	Num	8	MRTLSTAT	LDR: Marital Status
MATC	Num	8		USRDS: CNT HLA A, B, DR MATCH(0 - 6)
MDCOND	Num	8	MED_COND	KPR: Medical Condition at time of transplant
MDCONDL	Num	8	MED_COND	TCR_KI: Medical Condition at Listing Time
MEASURE1	Num	8	PRAMEAS	RHS: Technique Measures - Most Recent Class I
MEASURE2	Num	8	PRAMEAS	RHS: Technique Measures - Most Recent Class II
MEASURE_POS_XMAT1	Num	8	PRAMEAS	RHS: Positive Xmatch row 1//Measures:
MEASURE_POS_XMAT2	Num	8	PRAMEAS	RHS: Positive Xmatch row 2//Measures:
MEASURE_POS_XMAT3	Num	8	PRAMEAS	RHS: Positive Xmatch row 3//Measures:
MEASURE_POS_XMAT4	Num	8	PRAMEAS	RHS: Positive Xmatch row 4//Measures:
MEASURE_POS_XMAT5	Num	8	PRAMEAS	RHS: Positive Xmatch row 5//Measures:
MEASURE_XMAT1	Num	8	PRAMEAS	RHS: Most Recent row 1//Measures:
MEASURE_XMAT2	Num	8	PRAMEAS	RHS: Most Recent row 2//Measures:
MEASURE_XMAT3	Num	8	PRAMEAS	RHS: Most Recent row 3//Measures:
MEASURE_XMAT4	Num	8	PRAMEAS	RHS: Most Recent row 4//Measures:
MEASURE_XMAT5	Num	8	PRAMEAS	RHS: Most Recent row 5//Measures:
MEASUREMENT_DT	Char	29	\$	KPR: Date of Measurement(Pediatric Only)
MEASUREMENT_DT_L	Num	8	MMDDYY	TCR_KI: Date of Measurement(Pediatric Only) at Listing Time
MED_EXAM	Num	8	MEXAMRPT	CDR: Procurement and Consent: Medical Examiner/Coroner
MEDICAID	Char	1	\$YNUNK	LDR: Secondary Source of Payment: MEDICAID. Stop Collect From 2004
MEDICARE	Char	1	\$YNUNK	LDR: Secondary Source of Payment: MEDICARE. Stop Collect From 2004
METH_BLOOD_SUG_CTL	Num	8	METHBLD	KPR: Method of blood sugar control. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16
METH_CLS1_TYP_DT	Num	8	MMDDYY	DHS: Date Typing Complete Class I
METH_CLS2_TYP_DT	Num	8	MMDDYY	DHS: Date Typing Complete Class II
MIS_MATC	Num	8		USRDS: CNT HLA A, B, DR MIS_MATCH(0 - 6)
MNTDDT	Num	8	MMDDYY	KPR: Date Maintenance Dialysis Resumed
MNTDIAL	Char	1	\$YNUNK	KPR: Resumed Maintenance Dialysis(Y/N)
MOTOR_DEV	Num	8	MOTDEVL	KPR: Motor Development(Pediatric Only)
MOTOR_DEV_L	Num	8	MOTDEVL	TCR_KI: Motor Development(Pediatric Only) at Listing Time
MRBTXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Bone Marrow / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRCELL1	Num	8	CELL_TY	RHS: Most Recent row 1//Cell Type:
MRCELL2	Num	8	CELL_TY	RHS: Most Recent row 2//Cell Type:
MRCELL3	Num	8	CELL_TY	RHS: Most Recent row 3//Cell Type:
MRCELL4	Num	8	CELL_TY	RHS: Most Recent row 4//Cell Type:
MRCELL5	Num	8	CELL_TY	RHS: Most Recent row 5//Cell Type:
MRCREAT	Num	8		KPR: Most Recent Serum Creatinine Prior to Discharge
MRCREATI	Char	1	\$TRIND	TCR_KI: Most Recent Serum Creatinine at Listing Time, Status
MRCREATL	Num	8		TCR_KI: Most Recent Serum Creatinine at Listing Time
MRCRST	Char	1	\$TRIND	KPR: Most Recent Serum Creatinine Prior to Discharge, Status

Variable	Type	Length	Format	Comment
MRCTXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Pancreas (Islet Cells) / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRHTXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Heart / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRITXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Intestine / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRKTXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Kidney / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRLTXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Liver / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRPRA	Num	8		RHS: USRDS PRA(%) - Most Recent
MRPTXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Pancreas (whole) / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRTGT1	Num	8	TGCELSRC	RHS: Most Recent row 1//Target:
MRTGT2	Num	8	TGCELSRC	RHS: Most Recent row 2//Target:
MRTGT3	Num	8	TGCELSRC	RHS: Most Recent row 3//Target:
MRTGT4	Num	8	TGCELSRC	RHS: Most Recent row 4//Target:
MRTGT5	Num	8	TGCELSRC	RHS: Most Recent row 5//Target:
MRUTXDT	Num	8	MMDDYY	TCR_KI: Previous Transplant: Lung / Latest Tx Date. Stop Separately Collect from 6/30/2004
MRXMDT1	Num	8	MMDDYY	RHS: Xmatch Serum Date - Mst Rec Row 1. Stop Collect From 2004
MRXMDT2	Num	8	MMDDYY	RHS: Xmatch Serum Date - Mst Rec Row 2. Stop Collect From 2004
MRXMDT3	Num	8	MMDDYY	RHS: Xmatch Serum Date - Mst Rec Row 3. Stop Collect From 2004
MRXMDT4	Num	8	MMDDYY	RHS: Xmatch Serum Date - Mst Rec Row 4. Stop Collect From 2004
MRXMDT5	Num	8	MMDDYY	RHS: Xmatch Serum Date - Mst Rec Row 5. Stop Collect From 2004
NEG_XM1	Char	1	\$YNUNK	RHS: Positive Xmatch row 1//NEG XM by any other technique with this serum:
NEG_XM2	Char	1	\$YNUNK	RHS: Positive Xmatch row 2//NEG XM by any other technique with this serum:
NEG_XM3	Char	1	\$YNUNK	RHS: Positive Xmatch row 3//NEG XM by any other technique with this serum:
NEG_XM4	Char	1	\$YNUNK	RHS: Positive Xmatch row 4//NEG XM by any other technique with this serum:
NEG_XM5	Char	1	\$YNUNK	RHS: Positive Xmatch row 5//NEG XM by any other technique with this serum:
NON_AUTO_BLOOD	Char	1	\$YNUNK	LDR: Post-Op: Non-Autologous Blood Administration
NUM_TXFUS	Num	8		KPR: Pretransplant # of Bld Transfusions at Tx Time. Stop Collect from 6/30/2004
NUM_TXFUS_I	Char	1	\$TRIND	KPR: Pretransplant # of Bld Transfusions/Status
OPER_TECH	Num	8	KPTXTYP	KPR: Surgical Information: Operative Technique
ORG_REC_ON	Char	1	\$ORGRECO	KPR: Kidney(s) received on
ORG_REC_TXC_SAME	Char	1	\$YNUNK	LDR: Did organ recovery and transplant occur at the same center
ORGTYP	Char	4	\$ORG_TYP	KPR: Organ(s)
OTH_COMP_KI	Char	1	\$YNUNK	LDR: Kidney Other Complications Requiring Intervention(Y/N/U)
OTH_COMP_KI_INTER	Num	8	OTHCOMP	LDR: KI Other Complic, Specify. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32, 64, 128
OTH_COMP_KI_INTER_OSTXT	Char	50	\$	LDR: KI Other Complic, Other Specify
OTH_COMPL_OSTXT	Char	50	\$	KPR: Pancreas Transplant Complications: Other, Specify
OTH_GOV	Char	1	\$YNUNK	LDR: Secondary Source of Payment: Oth US/State Government Agency. Stop Collect From 2004
OTH_INTER_PROC_KI	Char	1	\$YNUNK	LDR: Kidney Other Interventional Procedures
OTH_INTER_PROC_KI_DT	Num	8	MMDDYY	LDR: Kidney Other Interventional Procedures Date

Variable	Type	Length	Format	Comment
OTH_INTER_PROC_KI_OSTXT	Char	50	\$	LDR: Kidney Other Interventional Procedures//If Yes, Specify Procedure
OTH_LIFE_SUP	Char	5		TCR_KI: Other Life Support Mechanism. Stop Collect from 6/30/2004
OTH_LIFE_SUP_OSTXT	Char	50		TCR_KI: Other Life Support Mechanism/Specify. Stop Collect from 6/30/2004
OTH_LIFESTYLE1_OSTXT	Char	50		CDR: Lifestyle Factors: Other/Specify. Stop Collect From 2004
OTH_LIFESTYLE2_OSTXT	Char	50		CDR: Lifestyle Factors: Other/Specify. Stop Collect From 2004
OTH_LIFESTYLE3_OSTXT	Char	50		CDR: Lifestyle Factors: Other/Specify. Stop Collect From 2004
OTH_POS_XMAT	Char	1	\$YNDU	RHS: Positive Crossmatch Auto Xmatch Positive. Stop Collect From 2004
OTHER_INF_CONF	Char	1	\$YNUNK	CDR: Clinical Infection: Other // Confirmed by Culture
OTHGF_KI	Char	50	\$	KPR: Contributory causes of KI failure: Other, Specify
OTHGF_PA	Char	50	\$	KPR: Contributory causes of PA failure: Other, Specify
OTIS_REGID	Char	7	\$	TCR_KI: Otis Regid
PA_PRESERV_TM	Num	8		KPR: Total Pancreas Preservation Time (include Cold, Warm, Anastomotic time)
PA_PRESERV_TM_I	Char	1	\$TRIND	KPR: Total Pancreas Preservation Time (include Cold, Warm, Anastomotic time), Status
PA_REVASC	Num	8	PAREVASC	KPR: Surgical Information: Was the Pancreas revascularized before or after other organs
PA_SEG1DISCD	Num	8	DISCD_CD	CDR: Reason organ not transplanted - Pancreas Segment 1
PA_SEG1DISCDTXT	Char	50	\$	CDR: Reason organ not transplanted - Pancreas Segment 1, Specify
PA_SEG1TXT	Char	50	\$	CDR: Organ Dispositions: Pancreas Segment 1, Specify
PA_SEG2DISCD	Num	8	DISCD_CD	CDR: Reason organ not transplanted - Pancreas Segment 2
PA_SEG2DISCDTXT	Char	50	\$	CDR: Reason organ not transplanted - Pancreas Segment 2, Specify
PA_SEG2TXT	Char	50	\$	CDR: Organ Dispositions: Pancreas Segment 2, Specify
PACK_YRS	Num	8		LDR: History of Cigarette Use / If Yes, # pack years
PADISCD	Num	8	DISCD_CD	CDR: Reason organ not transplanted - Pancreas
PADISCDTXT	Char	50	\$	CDR: Reason organ not transplanted - Pancreas, Specify
PANCREATIT	Char	1	\$YNUNK	KPR: Contributory Cause of Pancreas Failure: Pancreatitis
PATX	Char	1		KPR: Multiple Organ Recipient: Pancreas(T/F)
PATXT	Char	50	\$	CDR: Organ Dispositions: Reason Code Pancreas, Specify
PEAK_HLA_INTERPRET1	Num	8	ANTIHLAA	RHS: Anti-HLA Interpretation - Peak Serum Class I
PEAK_HLA_INTERPRET2	Num	8	ANTIHLAB	RHS: Anti-HLA Interpretation - Peak Serum Class II
PEAK_MEASURE1	Num	8	PRAMEAS	RHS: Measures - Peak Serum Class I
PEAK_MEASURE2	Num	8	PRAMEAS	RHS: Measures - Peak Serum Class II
PEAK_PRA1	Num	8		RHS: PRA (%) - Peak Serum Class I
PEAK_PRA2	Num	8		RHS: PRA (%) - Peak Serum Class II
PEAK_PRA1_DT	Num	8	MMDDYY	RHS: Serum Date - Peak Serum Class I
PEAK_PRA1_DT_I	Char	1	\$TRIND	RHS: Serum Date - Peak Serum Class I, status
PEAK_PRA1_I	Char	1	\$TRIND	RHS: PRA (%) - Peak Serum Class I, status
PEAK_PRA2_DT	Num	8	MMDDYY	RHS: Serum Date - Peak Serum Class II
PEAK_PRA2_DT_I	Char	1	\$TRIND	RHS: Serum Date - Peak Serum Class II, status
PEAK_PRA2_I	Char	1	\$TRIND	RHS: PRA (%) - Peak Serum Class II, status
PEAK_TARGET1	Num	8	PRATARGET	RHS: Target - Peak Serum Class I
PEAK_TARGET2	Num	8	PRATARGET	RHS: Target - Peak Serum Class II
PEAK_TECHNIQUE1	Num	8	PRATECH	RHS: Technique - Peak Serum Class I
PEAK_TECHNIQUE2	Num	8	PRATECH	RHS: Technique - Peak Serum Class II
PEAK_TECHNIQUE1_OSTXT	Char	50	\$	RHS: Technique - Peak Serum Class I, Specify

Variable	Type	Length	Format	Comment
PEAK_TECHNIQUE2_OSTXT	Char	50	\$	RHS: Technique - Peak Serum Class II, Specify
PERM_STATE	Char	2	\$\$STATE	KPR: Recipient State of Permanent Residence
PERM_STATE_L	Char	2	\$\$STATE	TCR_KI: Patient State of Permanent Residence at Listing Time
PERM_ZIP	Char	10	\$	KPR: Recipient Permanent Zip
PERM_ZIP_L	Char	10	\$	TCR_KI: Patient Permanent Zip at Listing Time
PH	Num	8		CDR: Blood PH
PH_I	Char	1	\$TRIND	CDR: Blood PH, Status
PHYSICAL_CAPACITY	Num	8	PHYSCAP	KPR: Physical Capacity
PHYSICAL_CAPACITY_L	Num	8	PHYSCAP	TCR_KI: Patient Physical Capacity at Listing Time
PITX	Char	1		KPR: Multiple Organ Recipient: Pancreas Islets(T/F)
PKPRA	Num	8		RHS: USRDS PRA(%) - Peak
PLACED_BY_DBL_ENBKI	Num	8		CDR: Placed By - DBL_ENBKI. Stop Collect From 2004
PLACED_BY_KIL	Num	8		CDR: Placed By - Left Kidney. Stop Collect From 2004
PLACED_BY_KIR	Num	8		CDR: Placed By - Right Kidney. Stop Collect From 2004
PLACED_BY_PA	Num	8		CDR: Placed By - PA. Stop Collect From 2004
PLACED_BY_PA_SEG1	Num	8		CDR: Placed By - PA_SEG1. Stop Collect From 2004
PLACED_BY_PA_SEG2	Num	8		CDR: Placed By - PA_SEG2. Stop Collect From 2004
PLATELETS_UNITS	Num	8		LDR: Non-Autologous Blood Administration /If Yes, Number of Platelets Units
POS_AUTOXM	Char	2	\$AUTOXM	RHS: Autocrossmatch results: Has autocrossmatch ever been positive
POS_AUTOXM_DT	Num	8	MMDDYY	RHS: AutoXM Date - Positive AutoXM
POST_AVG_INSULIN_USED	Num	8		KPR: If Pancreas Partial or Non Function, Average Daily Insulin Units. Stop Collect from 6/30/2004
POST_AVG_INSULIN_USED_I	Char	1	\$TRIND	KPR: If Pancreas Partial or Non Function, Average Daily Insulin Units/Status. Stop Collect from 6/30/2004
POSTOP_TEST_DT	Num	8	MMDDYY	LDR: Post-Op Clinical Information (Within 6 weeks post-donation): Most Recent Date of Tests
POSTOP_URINE_PROTEIN	Num	8	URINEPRO	LDR: Post-Operative Urinalysis//Urine Protein
POSTOP_URINE_RATIO	Num	8		LDR: Post-Operative Urinalysis//Protein-Creatinine Ratio
POSXMDT1	Num	8	MMDDYY	RHS: Positive Xmatch row 1//Serum Date
POSXMDT2	Num	8	MMDDYY	RHS: Positive Xmatch row 2//Serum Date
POSXMDT3	Num	8	MMDDYY	RHS: Positive Xmatch row 3//Serum Date
POSXMDT4	Num	8	MMDDYY	RHS: Positive Xmatch row 4//Serum Date
POSXMDT5	Num	8	MMDDYY	RHS: Positive Xmatch row 5//Serum Date
PRA1	Num	8		RHS: PRA (%) - Most Recent Class I
PRA2	Num	8		RHS: PRA (%) - Most Recent Class II
PRA1_DT	Num	8	MMDDYY	RHS: Serum Date - Most Recent Class I
PRA1_DT_I	Char	1	\$TRIND	RHS: Serum Date - Most Recent Class I, status
PRA1_I	Char	1	\$TRIND	RHS: PRA (%) - Most Recent Class I, status
PRA2_DT	Num	8	MMDDYY	RHS: Serum Date - Most Recent Class II
PRA2_DT_I	Char	1	\$TRIND	RHS: Serum Date - Most Recent Class II, status
PRA2_I	Char	1	\$TRIND	RHS: PRA (%) - Most Recent Class II, status
PRA_GT10	Char	1	\$YNUNK	TCR_KI: PRA > 10% (with DTT or DTE testing). Stop Collect from 6/30/2004
PRAA	Num	8		RHS: Most Recent PRA. Stop Collect From 2004
PRAA_DT	Num	8	MMDDYY	RHS: Date of Most Recent PRA. Stop Collect From 2004
PRAA_DT_I	Char	1	\$TRIND	RHS: Date of Most Recent PRA/Status. Stop Collect From 2004
PRAA_I	Char	1	\$TRIND	RHS: Most Recent PRA/Status. Stop Collect From 2004
PRAB	Num	8		RHS: Peak PRA. Stop Collect From 2004



Variable	Type	Length	Format	Comment
PRAB_DT	Num	8	MMDDYY	RHS: Date of Peak PRA. Stop Collect From 2004
PRAB_DT_I	Char	1	\$TRIND	RHS: Date of Peak PRA/Status. Stop Collect From 2004
PRAB_I	Char	1	\$TRIND	RHS: Peak PRA/Status. Stop Collect From 2004
PRADONE	Char	1	\$YNUNK	RHS: Test Information - HLA Antibody Screening Done
PRBC_UNITS	Num	8		LDR: Non-Autologous Blood Administration /If Yes, Number of PRBC Units
PRE_AVG_INSULIN_USED	Num	8		KPR: Pretransplant - Average Daily Insulin Units
PRE_AVG_INSULIN_USED_I	Char	1	\$TRIND	KPR: Pretransplant - Average Daily Insulin Units, status
PRE_DON_BIOPSY_KI	Char	1	\$YNUNK	LDR: Pre-Donation Kidney Clinical Information: Kidney Biopsy(Y/N)
PRE_TX_BIOP	Char	1	\$YNUNK	KPR: Was preimplantation kidney biopsy performed at the transplant center(Y/N)
PRE_TX_DIAL	Char	1	\$YNUNK	KPR: Pretransplant Dialysis(Y/N/U)
PRE_TX_DIAL_TY	Num	8	DIAL_TY	KPR: Pretransplant Dialysis Type. Stop Collect from 6/30/2004
PRE_TX_TXFUS	Char	1	\$YNUNK	KPR: Did Pt receive pretransplant blood transfusions(Y/N/U).
PRE_TX_TXFUS_L	Char	1	\$YNUNK	TCR_KI: Any Previous Transfusions. Stop Collect from 6/30/2004
PRE_TX_TXFUS_NUM	Num	8	TRANSFUS	KPR: Number of Pre-Tx Blood Transfusions. Stop Collect from 6/30/2004
PREDON_HGT	Num	8		LDR: Pre-Donation Height
PREDON_HGT_I	Char	1	\$TRIND	LDR: Pre-Donation Height, Status
PREDON_WGT	Num	8		LDR: Pre-Donation Weight
PREDON_WGT_I	Char	1	\$TRIND	LDR: Pre-Donation Weight, Status
PREOP_URINE_PROTEIN	Char	5	\$URINEPR	LDR: Preoperative Urinalysis//Urine Protein
PREOP_URINE_RATIO	Num	8		LDR: Preoperative Urinalysis//Protein-Creatinine Ratio
PREV_MALIG_TY	Num	8	MALIGMUL	TCR_KI: Previous Malignancy Type at Listing Time. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, 2048.
PREV_MALIG_TY_OSTXT	Char	50	\$	TCR_KI: Any previous Malignancy at Listing Time, Specify
PREV_PI_TX	Char	1	\$YNUNK	TCR_KI: Previous Pancreas Islet Infusion at Listing Time(Y/N/U)
PREVPG	Num	8	PRV_PREG	KIR: Recipient Previous Pregnancies
PRIPAY_D	Num	8	P_S_PAY	LDR: Primary Source of Payment. Stop Collect From 2004
PRIPAY_KI	Num	8	P_S_PAY	KPR: Kidney Primary Source of Payment
PRIPAY_L	Num	8	P_S_PAY	TCR_KI: Primary Source of Payment at Listing Time
PRIPAY_PA	Num	8	P_S_PAY	KPR: Pancreas Primary Source of Payment
PRIV_INS	Char	1	\$YNUNK	LDR: Secondary Source of Payment: Private Ins. Stop Collect From 2004
PRMALR	Char	1	\$YNUNK	TCR_KI: Any previous Malignancy at Listing Time
PROTEIN_URINE	Char	1	\$YNUNK	CDR: Protein in Urine
PROVUSRD_LIST	Num	8	BEST	TCR_KI: USRDS Assigned Listing Center ID
PROVUSRD_MNTDPROV	Num	8	BEST	KPR: USRDS Assigned Post-Tx Resumed Maint. Dialysis Provider ID
PROVUSRD_ORIG_LIST	Num	8	BEST	TCR_KI: USRDS Assigned Original Listing Center ID
PROVUSRD_TX	Num	8	BEST	KPR: USRDS Assigned Transplant Center ID
PRVBTX	Num	8		TCR_KI: Previous Transplant: # of Bone Marrow Transplant. Stop Separately Collect from 6/30/2004
PRVBTXI	Char	1	\$TRIND	TCR_KI: Previous Transplant: Bone Marrow / Status. Stop Separately Collect from 6/30/2004
PRVHTX	Num	8		TCR_KI: Previous Transplant: # of Heart Transplant. Stop Separately Collect from 6/30/2004
PRVHTXI	Char	1	\$TRIND	TCR_KI: Previous Transplant: Heart / Status. Stop Separately Collect from 6/30/2004
PRVICTX	Num	8		TCR_KI: Previous Transplant: # of Pancreas (Islet Cells) Transplant. Stop Separately Collect from 6/30/2004

Variable	Type	Length	Format	Comment
PRVICTXI	Char	1	\$TRIND	TCR_KI: Previous Transplant: Pancreas (Islet Cells) / Status. Stop Separately Collect from 6/30/2004
PRVINTX	Num	8		TCR_KI: Previous Transplant: # of Intestine Transplant. Stop Separately Collect from 6/30/2004
PRVINTXI	Char	1	\$TRIND	TCR_KI: Previous Transplant: Intestine / Status. Stop Separately Collect from 6/30/2004
PRVKITX_L	Num	8		TCR_KI: Previous Transplant: # of Kidney Transplant at Listing Time. Stop Separately Collect from 6/30/2004
PRVKITXI_L	Char	1	\$TRIND	TCR_KI: Previous Transplant: Kidney at Listing Time / Status. Stop Separately Collect from 6/30/2004
PRVLITX	Num	8		TCR_KI: Previous Transplant: # of Liver Transplant. Stop Separately Collect from 6/30/2004
PRVLITXI	Char	1	\$TRIND	TCR_KI: Previous Transplant: Liver / Status. Stop Separately Collect from 6/30/2004
PRVLUTX	Num	8		TCR_KI: Previous Transplant: # of Lung Transplant. Stop Separately Collect from 6/30/2004
PRVLUTXI	Char	1	\$TRIND	TCR_KI: Previous Transplant: Lung / Status. Stop Separately Collect from 6/30/2004
PRVPTX	Num	8		TCR_KI: Previous Transplant: # of Pancreas Transplant. Stop Separately Collect from 6/30/2004
PRVPTXI	Char	1	\$TRIND	TCR_KI: Previous Transplant: Pancreas (Islet Cells) / Status. Stop Separately Collect from 6/30/2004
PRVTX	Char	1	\$YNUNK	TCR_KI: Previous Transplant (Y/N). Stop Separately Collect from 6/30/2004
PT_OTH2_OSTXT	Char	50	\$	CDR: Donor Management: Other (two) //Other/Specify
PT_OTH3_OSTXT	Char	50	\$	CDR: Donor Management: Other (three) //Other/Specify
PT_OTH_OSTXT	Char	50	\$	CDR: Donor Management: Other (one) //Other/Specify
PT_T3	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: T3(Y/N/U)
PT_T4	Char	1	\$YNUNK	CDR: Medications administered within 24 hr prior to crossclamp: T4(Y/N/U)
PTSTAT	Char	1	\$PSTAT	KPR: Patient Status: Living/Dead/Retransplanted
PTSTDT	Num	8	MMDDYY	KPR: Patient Status//Date: Last Seen, Retransplanted or Death
PULCERR	Num	8	PEPULCER	TCR_KI: Peptic Ulcerat Listing Time
PULM_EMBOL	Char	1	\$YNUNK	TCR_KI: Pulmonary Embolism (within last 6 months). Stop Collect from 6/30/2004
PULM_EMBOL_HOSP	Char	1	\$YNUNK	LDR: Pulmonary Embolism During Hosp. Stop Collect From 2004
PULM_INF_CONF	Char	1	\$YNUNK	CDR: Clinical Infection: Lung // Confirmed by Culture
PUMP_TM_HRS_KI_LT	Num	8		KPR: Preservation Info: Total Pump Time (Hrs) KI Left. Stop Separately Collect from 6/30/2004
PUMP_TM_HRS_KI_RT	Num	8		KPR: Preservation Info: Total Pump Time (Hrs) KI Right. Stop Separately Collect from 6/30/2004
PUMP_TM_HRSMINS_KI_LT_I	Char	1	\$TRIND	KPR: Preservation Info: Total Pump Time/Status KI Left. Stop Separately Collect from 6/30/2004
PUMP_TM_HRSMINS_KI_RT_I	Char	1	\$TRIND	KPR: Preservation Info: Total Pump Time/Status KI Right. Stop Separately Collect from 6/30/2004
PUMP_TM_MINS_KI_LT	Num	8		KPR: Preservation Info: Total Pump Time (Min) KI Left. Stop Separately Collect from 6/30/2004
PUMP_TM_MINS_KI_RT	Num	8		KPR: Preservation Info: Total Pump Time (Min) KI Right. Stop Separately Collect from 6/30/2004
PVASCER	Char	1	\$YNUNK	TCR_KI: Symptomatic Peripheral Vascular Disease at Listing Time
PX_STAT	Char	1	\$PSTAT	LDR: Donor Status

Variable	Type	Length	Format	Comment
PX_TXFER_PRIOR_TX	Char	1	\$YNUNK	KPR: Transferrd from Another Hosp Prio to Tx. Stop Collect from 6/30/2004
PX_TXFER_PRIOR_TX_DT	Num	8	MMDDYY	KPR: Date of Admi to Transferring From Another Hosp. Stop Collect from 6/30/2004
PXRESRH	Char	1	\$YNUNK	KPR: Did patient participate any clinical research protocol for immuno med
PXRESTXT	Char	50	\$	KPR: Did patient participate any clinical research protocol for immuno med, specify
RA1	Char	8		RHS: Recipient HLA Typing A(1)
RA2	Char	8		RHS: Recipient HLA Typing A(2)
RABO	Char	3	\$	TCR_KI: Patient ABO Blood Group
RB1	Char	8		RHS: Recipient HLA Typing B(1)
RB2	Char	8		RHS: Recipient HLA Typing B(2)
RBW4	Num	8	WKGRPHLA	RHS: Recipient HLA Typing - Typing Method Class I: Bw4
RBW6	Num	8	WKGRPHLA	RHS: Recipient HLA Typing - Typing Method Class I: Bw6
RCITZ	Num	8	CITIZEN	TCR_KI: Patient Citizenship at Listing Time
RCNT_POS_XMAT	Char	1	\$YNDU	RHS: Most Recent Auto Xmatch Positive. Stop Collect From 2004
RCOD	Num	8	KI_COD	KPR: Primary Cause of Death
RCOD2	Num	8	KI_COD	KPR: Contributory Cause of Death
RCOD3	Num	8	KI_COD	KPR: Contributory Cause of Death
RCOD2TXT	Char	50	\$	KPR: Contributory Cause of Death, Specify
RCOD3TXT	Char	50	\$	KPR: Contributory Cause of Death, Specify
RCODTXT	Char	50	\$	KPR: Primary Cause of Death, Specify
RCW1	Num	8	CWHLA	RHS: Recipient HLA Typing - Typing Method Class I: Cw1
RCW2	Num	8	CWHLA	RHS: Recipient HLA Typing - Typing Method Class I: Cw2
RDISCTXT	Char	50	\$	CDR: Reason organ not transplanted: Right Kidney, Specify
RDPW1	Num	8	DPHLA	RHS: Recipient HLA Typing - Typing Method Class II: DPw1
RDPW2	Num	8	DPHLA	RHS: Recipient HLA Typing - Typing Method Class II: DPw2
RDQW1	Num	8	DQHHLA	RHS: Recipient HLA Typing - Typing Method Class II: DQ1
RDQW2	Num	8	DQHHLA	RHS: Recipient HLA Typing - Typing Method Class II: DQ2
RDR1	Char	8		RHS: Recipient HLA Typing DR(1)
RDR2	Char	8		RHS: Recipient HLA Typing DR(2)
RDRW51	Num	8	WKGRPHLA	RHS: Recipient HLA Typing - Typing Method Class II: DR51
RDRW52	Num	8	WKGRPHLA	RHS: Recipient HLA Typing - Typing Method Class II: DR52
RDRW53	Num	8	WKGRPHLA	RHS: Recipient HLA Typing - Typing Method Class II: DR53
REA_CD_DBL_ENBKI	Num	8	DISP_REA	CDR: Donor Double Enbloc Kidney Disposition Reason Code
REA_CD_L	Num	8	DISP_REA	CDR: Donor Left Kidney Disposition Reason Code
REA_CD_PA	Num	8	DISP_REA	CDR: Donor Pancreas Disposition Reason Code
REA_CD_PA_SEG1	Num	8	DISP_REA	CDR: Donor Pancreas Segment 1 Disposition Reason Code
REA_CD_PA_SEG2	Num	8	DISP_REA	CDR: Donor Pancreas Segment 2 Disposition Reason Code
REA_CD_R	Num	8	DISP_REA	CDR: Donor Right Kidney Disposition Reason Code
READMISSION_KI	Char	1	\$YNUNK	LDR: Any Readmission After Initial Discharge
READMISSION_KI_DT	Num	8	MMDDYY	LDR: Any Readmission After Initial Discharge / If Yes, Date of First Readmission
READMISSION_KI_OSTXT	Char	50	\$	LDR: Any Readmission After Initial Discharge, Specify
READMISSION_KI_REASON	Num	8	READMIT	LDR: Reason for readmission (during first six weeks). Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32
REC_F_TY	Char	3	\$	LDR: Donor Recovery Facility Center Type
REC_HLA_CELL	Num	8	TGTCSRC	RHS: Recipient HLA Typing Cell Source. Stop Collect From 2004

Variable	Type	Length	Format	Comment
REC_HLA_DT	Num	8	MMDDYY	RHS: Recipient HLA Typed Date. Stop Collect From 2004
REC_ON_ICE	Char	1	\$RECONIC	KPR: Kidney(s) Received on ice
REC_ON_PUMP	Char	1	\$RECONPM	KPR: Kidney(s) Received on pump
RECD5	Char	1	\$YNUNK	KPR: Contributory Cause of Kidney Failure: Recurrent Disease
RECOV_COUNTRY	Char	3	\$CTRY	CDR: If Recovered Outside the U.S.: Recovered Country
RECOV_OUT_US	Char	1	\$YNUNK	CDR: Recovered Outside the U.S.
REFCLDT	Num	8	MMDDYY	CDR: Referral Date
REFERRAL_FLG	Char	1	\$	CDR: Referral Flag
REJ_ACUTE_KI	Char	1	\$YNUNK	KPR: Contributory causes of KI failure: Acute Rejection(Y/N/U)
REJ_ACUTE_PA	Char	1	\$YNUNK	KPR: Contributory causes of PA failure: Acute Rejection(Y/N/U)
REJ_HYPER_PA	Char	1	\$YNUNK	KPR: Contributory causes of PA failure: Hyperacute Rejection(Y/N/U)
REOP_BLEED_KI	Char	1		LDR: Reason for reoperation (during first six weeks): Bleeding
REOP_BLEED_KI_DT	Num	8	MMDDYY	LDR: Kidney Reoperation Bleeding Date
REOP_BOWEL_KI	Char	1		LDR: Reason for reoperation (during first six weeks): Bowel Obstruction
REOP_BOWEL_KI_DT	Num	8	MMDDYY	LDR: Kidney Reoperation Bowel Obstruction Date
REOP_HERNIA_KI	Char	1		LDR: Reason for reoperation (during first six weeks): Hernia Repair
REOP_HERNIA_KI_DT	Num	8	MMDDYY	LDR: Kidney Reoperation Hernia Repair Date
REOP_OTH_KI	Char	1		LDR: Reason for reoperation (during first six weeks): Other
REOP_OTH_KI_DT	Num	8	MMDDYY	LDR: Kidney Reoperation Other Date
REOP_OTH_KI_OSTXT	Char	50	\$	LDR: Kidney Reoperation Other Specify
REOP_VASC_KI	Char	1		LDR: Reason for reoperation (during first six weeks): Vascular
REOP_VASC_KI_DT	Num	8	MMDDYY	LDR: Kidney Reoperation Vascular Date
REOPERATION_KI	Char	1	\$YNUNK	LDR: Kidney Reoperation
RESIST_SHIP_LT_KI	Num	8		CDR: Final Resistance Prior to Shipping (left)
RESIST_SHIP_LT_KI_I	Char	1	\$TRIND	CDR: Final Resistance Prior to Shipping (left), Status
RESIST_SHIP_RT_KI	Num	8		CDR: Final Resistance Prior to Shipping (right)
RESIST_SHIP_RT_KI_I	Char	1	\$TRIND	CDR: Final Resistance Prior to Shipping (right), Status
RESULT_AUTOXM1	Num	8	AUTOXMR	RHS: Most Recent row 1//AutoXM Result Using This Target and Technique:
RESULT_AUTOXM2	Num	8	AUTOXMR	RHS: Most Recent row 2//AutoXM Result Using This Target and Technique:
RESULT_AUTOXM3	Num	8	AUTOXMR	RHS: Most Recent row 3//AutoXM Result Using This Target and Technique:
RESULT_AUTOXM4	Num	8	AUTOXMR	RHS: Most Recent row 4//AutoXM Result Using This Target and Technique:
RESULT_AUTOXM5	Num	8	AUTOXMR	RHS: Most Recent row 5//AutoXM Result Using This Target and Technique:
RESULT_POS_AUTOXM1	Num	8	AUTOXMR	RHS: Positive Xmatch row 1//AutoXM Result Using This Target and Technique:
RESULT_POS_AUTOXM2	Num	8	AUTOXMR	RHS: Positive Xmatch row 2//AutoXM Result Using This Target and Technique:
RESULT_POS_AUTOXM3	Num	8	AUTOXMR	RHS: Positive Xmatch row 3//AutoXM Result Using This Target and Technique:
RESULT_POS_AUTOXM4	Num	8	AUTOXMR	RHS: Positive Xmatch row 4//AutoXM Result Using This Target and Technique:
RESULT_POS_AUTOXM5	Num	8	AUTOXMR	RHS: Positive Xmatch row 5//AutoXM Result Using This Target and Technique:
RESULT_POS_XM1	Num	8	X_MATCH	RHS: Result - Positive Xmatch row 1. Stop Collect From 2004
RESULT_POS_XM2	Num	8	X_MATCH	RHS: Result - Positive Xmatch row 2. Stop Collect From 2004
RESULT_POS_XM3	Num	8	X_MATCH	RHS: Result - Positive Xmatch row 3. Stop Collect From 2004

Variable	Type	Length	Format	Comment
RESULT_POS_XM4	Num	8	X_MATCH	RHS: Result - Positive Xmatch row 4. Stop Collect From 2004
RESULT_POS_XM5	Num	8	X_MATCH	RHS: Result - Positive Xmatch row 5. Stop Collect From 2004
RESULT_XMAT1	Num	8	X_MATCH	RHS: Most Recent row 1//Result:
RESULT_XMAT2	Num	8	X_MATCH	RHS: Most Recent row 2//Result:
RESULT_XMAT3	Num	8	X_MATCH	RHS: Most Recent row 3//Result:
RESULT_XMAT4	Num	8	X_MATCH	RHS: Most Recent row 4//Result:
RESULT_XMAT5	Num	8	X_MATCH	RHS: Most Recent row 5//Result:
RESUSCIT_DUR	Num	8		CDR: If cardiac arrest since neurological event that led to declaration of brain death: Duration of Resuscitation(min)
RESUSCIT_DUR_I	Char	1	\$TRIND	CDR: Duration of Resuscitation, Status
RETURN_OR	Char	1	\$YNUNK	LDR: Return to OR After Recov of Donor Organ. Stop Collect From 2004
RETX_ORG	Char	2	\$	KPR: Retransplanted Organ
RH	Char	1		TCR_KI: ABO Blood/Rh. Stop Collect from 6/30/2004
RHISP	Char	1	\$ETHFMT	TCR_KP: Patient Hispanic Ethnicity
RK_SHARE	Num	8	SHARETYC	CDR Share Type - R-Kidney. Stop Collect From 2003
RKPUMP	Char	1	\$YNUNK	CDR: Pump (Right Kidney)(Y/N)
RRACE	Char	3	\$RACEFMT	TCR_KP: Patient Race
RSEX	Char	1	\$	KPR: Recipient Gender
RT_KI_BIOPSY	Char	1	\$YNUNK	CDR: Kidney Biopsy (right)(Y/N)
RT_KI_FLOW	Num	8		CDR: Flow Rate (cc's/min) (Right Kidney). Stop Collect From 2004
RT_KI_FLOW_I	Char	1	\$TRIND	CDR: Flow Rate/Status (Right Kidney). Stop Collect From 2004
RT_KI_GLOMERUL	Num	8		CDR: % Glomerulosclerosis (Right Kidney)
RT_KI_PERFUS_DIAST	Num	8		CDR: Perfusion Pressuer Diastolic (mm/Hg) (Right Kidney). Stop Collect From 2004
RT_KI_PERFUS_DIAST_I	Char	1	\$TRIND	CDR: Perfusion Pressuer/Status Diastolic (Right Kidney). Stop Collect From 2004
RT_KI_PERFUS_SYST	Num	8		CDR: Perfusion Pressuer (mm/Hg) Systolic (Right Kidney). Stop Collect From 2004
RT_KI_PERFUS_SYST_I	Char	1	\$TRIND	CDR: Perfusion Pressuer/Status Systolic (Right Kidney). Stop Collect From 2004
RTYMETHC1	Num	8	HLA_TYMT	RHS: Typing Method Class I. Multiple selections. The value is comb of value(s) 1, 2, 4
RTYMETHC2	Num	8	HLA_TYMT	RHS: Typing Method Class II. Multiple selections. The value is comb of value(s) 1, 2, 4
RWT_ZIP	Char	1	\$	TCR_KI: Is Patient waiting in permanent ZIP code(Y/N/U)
SECONDARY_PAY_KI	Num	8	SECNDPAY	KPR: Kidney Secondary Source of Payment
SECONDARY_PAY_L	Num	8	SECNDPAY	TCR_KI: Secondary Source of Payment at Listing Time
SECONDARY_PAY_PA	Num	8	SECNDPAY	KPR: Pancreas Secondary Source of Payment
SELF	Char	1	\$YNUNK	LDR: Secondary Source of Payment: SELF. Stop Collect From 2004
SERA_TEST_CLASS1	Char	1	\$YNUNK	RHS: Were any sera tested pre-transplant that contain anti-HLA Class I antibody
SERA_TEST_CLASS2	Char	1	\$YNUNK	RHS: Were any sera tested pre-transplant that contain anti-HLA Class II antibody:
SERCREAT	Num	8		KPR: Serum Creatinine at Time of Tx(mg/dl)
SERCREATI	Char	1	\$TRIND	KPR: Serum Creatinine at Time of Tx, Status
SERMALB	Num	8		TCR_KI: Total Serum Albumin at Listing Time
SERMALBI	Char	1	\$TRIND	TCR_KI: Total Serum Albumin at Listing Time, Status
SERUM_DT_ORIGINAL	Num	8	MMDDYY	RHS: Date of crossmatch serum - Least Recent
SERUM_DT_RECENT	Num	8	MMDDYY	RHS: Date of crossmatch serum

Variable	Type	Length	Format	Comment
SERUM_SCREEN	Char	1	\$YNUNK	RHS: Was serum screened for anti-HLA Class II antibody
SEX_PROMISC	Char	1	\$YNUNK	CDR: Lifestyle Factors: Sexual Promiscuity. Stop Collect From 2004
SODIUM170	Char	1	\$YNUNK	CDR: Last Serum Sodium Prior to Procurement > 170 mEq/l. Stop Collect From 2004
SODIUM170_VAL	Num	8		CDR: Last Serum Sodium Prior to Procurement(mEq/L)
SODIUM170_VAL_I	Char	1	\$TRIND	CDR: Last Serum Sodium Prior to Procurement, Status
SRGCMP	Char	1	\$YNUNK	KPR: Contributory Cause of Kidney Failure: Surgical Complications
STORAGE_DBL_ENBKI	Num	8	STORSOLN	CDR: Storage Solution - Enbloc Kidney. Stop Separately Collect From 2004
STORAGE_DBL_ENBKI_OSTXT	Char	50		CDR: Storage Solution/Specify - Enbloc Kidney. Stop Collect From 2004
STORAGE_LKI	Num	8	STORSOLN	CDR: Storage Solution - Left Kidney. Stop Separately Collect From 2004
STORAGE_LKI_OSTXT	Char	50		CDR: Storage Solution/Specify - Left Kidney. Stop Collect From 2004
STORAGE_PA	Num	8	STORSOLN	CDR: Storage Solution - Pancreas. Stop Separately Collect From 2004
STORAGE_PA_OSTXT	Char	50		CDR: Storage Solution/Specify - Pancreas. Stop Collect From 2004
STORAGE_PA_SEG1	Num	8	STORSOLN	CDR: Storage Solution - Pancreas Segment 1. Stop Separately Collect From 2004
STORAGE_PA_SEG2	Num	8	STORSOLN	CDR: Storage Solution - Pancreas Segment 2. Stop Separately Collect From 2004
STORAGE_PA_SEG1_OSTXT	Char	50		CDR: Storage Solution/Specify - Pancreas Segment 1. Stop Collect From 2004
STORAGE_PA_SEG2_OSTXT	Char	50		CDR: Storage Solution/Specify - Pancreas Segment 2. Stop Collect From 2004
STORAGE_RKI	Num	8	STORSOLN	CDR: Storage Solution - Right Kidney. Stop Separately Collect From 2004
STORAGE_RKI_OSTXT	Char	50		CDR: Storage Solution/Specify - Right Kidney. Stop Collect From 2004
SUITABLE	Num	8	DNRSUIT	CDR: Donor suitable for procurement of organs. Stop Collect From 2004
SURG_INCIS	Num	8	SURGINCI	KPR: Surgical Information: Surgical Incision
SUSPND_DT	Num	8	MMDDYY	KPR:
TARGET1	Num	8	PRATARGT	RHS: Target- Most Recent Class I
TARGET2	Num	8	PRATARGT	RHS: Target- Most Recent Class II
TATTOOS	Char	1	\$YNUNK	CDR: Lifestyle Factors: Tattoos
TDATE	Num	8	MMDDYY	KPR: Tx Date
TECHNIQUE1	Num	8	PRATECH	RHS: Technique - Most Recent Class I
TECHNIQUE2	Num	8	PRATECH	RHS: Technique - Most Recent Class II
TECHNIQUE1_OSTXT	Char	50	\$	RHS: Technique - Most Recent Class I, Specify
TECHNIQUE2_OSTXT	Char	50	\$	RHS: Technique - Most Recent Class II, Specify
TECHNIQUE_POS_XMAT1	Num	8	HISTTCHX	RHS: Positive Xmatch row 1//Technique:
TECHNIQUE_POS_XMAT2	Num	8	HISTTCHX	RHS: Positive Xmatch row 2//Technique:
TECHNIQUE_POS_XMAT3	Num	8	HISTTCHX	RHS: Positive Xmatch row 3//Technique:
TECHNIQUE_POS_XMAT4	Num	8	HISTTCHX	RHS: Positive Xmatch row 4//Technique:
TECHNIQUE_POS_XMAT5	Num	8	HISTTCHX	RHS: Positive Xmatch row 5//Technique:
TECHNIQUE_POS_XMAT_OSTXT1	Char	50	\$	RHS: Positive Xmatch row 1 Technique//Specify:
TECHNIQUE_POS_XMAT_OSTXT2	Char	50	\$	RHS: Positive Xmatch row 2 Technique//Specify:
TECHNIQUE_POS_XMAT_OSTXT3	Char	50	\$	RHS: Positive Xmatch row 3 Technique//Specify:
TECHNIQUE_POS_XMAT_OSTXT4	Char	50	\$	RHS: Positive Xmatch row 4 Technique//Specify:
TECHNIQUE_POS_XMAT_OSTXT5	Char	50	\$	RHS: Positive Xmatch row 5 Technique//Specify:
TECHNIQUE_XMAT1	Num	8	HISTTCHX	RHS: Most Recent row 1//Technique:
TECHNIQUE_XMAT2	Num	8	HISTTCHX	RHS: Most Recent row 2//Technique:
TECHNIQUE_XMAT3	Num	8	HISTTCHX	RHS: Most Recent row 3//Technique:

Variable	Type	Length	Format	Comment
TECHNIQUE_XMAT4	Num	8	HISTTCHX	RHS: Most Recent row 4//Technique:
TECHNIQUE_XMAT5	Num	8	HISTTCHX	RHS: Most Recent row 5//Technique:
TECHNIQUE_XMAT_OSTXT1	Char	50	\$	RHS: Most Recent row 1 Technique//Specify:
TECHNIQUE_XMAT_OSTXT2	Char	50	\$	RHS: Most Recent row 2 Technique//Specify:
TECHNIQUE_XMAT_OSTXT3	Char	50	\$	RHS: Most Recent row 3 Technique//Specify:
TECHNIQUE_XMAT_OSTXT4	Char	50	\$	RHS: Most Recent row 4 Technique//Specify:
TECHNIQUE_XMAT_OSTXT5	Char	50	\$	RHS: Most Recent row 5 Technique//Specify:
TECHNIQUEA	Num	8	HISTOTEC	RHS: Most Recent PRA Technique. Stop Collect From 2004
TECHNIQUEB	Num	8	HISTOTEC	RHS: Peak PRA Technique. Stop Collect From 2004
THERAPIES	Char	1	SYNUNK	KPR: Treatment: other therapies(Y/N)
THERAPIES_TREATMENT	Num	8	OTHOTHER	KPR: If other therapies, all that apply. Multiple selections. The value is comb of value(s) 1, 2, 4
TISS	Char	1	SYNUNK	CDR: Was Donor Tissue Removed for Purposes of Transplantation? (Y/N/U). Stop Collect From 2003
TISSUE_CONSENT	Char	5	SYNUNK	CDR: Consent Information: Tissue Consented (Y/N). Stop Collect From 2004
TISSUE_CONSENT_REA	Num	8	CONS_NOT	CDR: Consent Information: Tissue Not Consented Reason. Stop Collect From 2004
TISSUE_CONSENT_REA_OSTXT	Char	50		CDR: Consent Information: Tissue Not Consented Reason/Other Specify. Stop Collect From 2004
TISSUE_REQ	Char	1	SYNUNK	CDR: Consent Information: Tissue Requested (Y/N). Stop Collect From 2004
TISSUE_REQ_REASON	Num	8	CONSNOTR	CDR: Consent Information: Reason Tissue Not Requested. Stop Collect From 2004
TISSUE_REQ_REASON_OSTXT	Char	50		CDR: Consent Information: Reason Tissue Not Requested/Other Specify. Stop Collect From 2004
TOBACCO_USE	Char	1	SYNUNK	LDR: Other Tobacco Used
TOLER_IND_TECH	Char	1	SYNUNK	KPR: Any tolerance induction technique used
TOT_PRESERV_TM_COLD_PA	Num	8		KPR: Total Pancreas Preservation Time (Cold) (Hrs). Stop Separately Collect from 6/30/2004
TOT_PRESERV_TM_COLD_PA_I	Char	1	STRIND	KPR: Total Pancreas Preservation Time (Cold)/Status. Stop Separately Collect from 6/30/2004
TRANS_PUMP_LT_KI	Char	1	SYNUNK	CDR: Transferred on pump (left)
TRANS_PUMP_RT_KI	Char	1	SYNUNK	CDR: Transferred on pump (right)
TRANSFUS_INTRAOP_NUM	Num	8	TRANSFUS	CDR: Transfusion Units Intraoperatively. Stop Collect From 2004
TRANSFUS_PRIOR_NUM	Num	8	TRANSFUS	CDR: Transfusion Units Prior to Surgery. Stop Collect From 2004
TRANSFUS_TERM	Num	8	TRANSFUS	CDR: Number of transfusions during this (terminal) hospitalization
TRCOPDR	Char	1	SYNUNK	TCR_KI: Drug Treated COPD at Listing Time
TRDGN_KI	Num	8	KI_DGN	KPR: Kidney Primary Diagnosis
TRDGN_L	Num	8	KI_DGN	TCR_KI: Primary Diagnosis at Listing Time
TRDGN_PA	Num	8	PA_DGN	KPR: Pancreas Primary Diagnosis
TRDGN_PA_L	Num	8	PA_DGN	TCR_KP: Primary Pancreas Diagnosis at Listing Time
TRDGN_TX_KI	Char	50	\$	KPR: Kidney Primary Diagnosis, Specify
TRDGN_TX_L	Char	50	\$	TCR_KI: Primary Diagnosis at Listing Time, Specify
TRDGN_TX_PA	Char	50	\$	KPR: Pancreas Primary Diagnosis, Specify
TRDGN_TX_PA_L	Char	50	\$	TCR_KP: Primary Pancreas Diagnosis at Listing Time, Specify
TRHYPR	Char	1	SYNUNK	TCR_KI: Drug Treated Systemic Hypertension at Listing Time
TRR_ID	Num	8		KPR: Transplant Recipient Registration ID
TRT_REJ	Char	1	SYNUNK	KPR: Patient Treated for Rejection. Stop Collect from 6/30/2004
TRT_REJ_KI_NUM	Num	8		KPR: Number of Kidney Rejection Events. Stop Collect from 6/30/2004

Variable	Type	Length	Format	Comment
TRT_REJ_KI_NUM_I	Char	1	\$TRIND	KPR: Number of Kidney Rejection Events/Status. Stop Separately Collect from 6/30/2004
TRT_REJ_PA_NUM	Num	8		KPR: Number of Pancreas Rejection Events. Stop Collect from 6/30/2004
TRT_REJ_PA_NUM_I	Char	1		KPR: Number of Pancreas Rejection Events/Status. Stop Collect from 6/30/2004
TUMOR_TX	Char	1	\$YNUNK	KPR: Incidental Tumor found at time of Transplant
TUMOR_TY	Num	8	TUMOR_KI	KPR: Incidental Tumor found at time of Transplant: tumor type
TUMOR_TY_OSTXT	Char	50	\$	KPR: Incidental Tumor found at time of Transplant, Specify
TX_DT1	Num	8	MMDDYY	TCR_KI: Previous Transplant Date
TX_DT2	Num	8	MMDDYY	TCR_KI: Previous Transplant Date
TX_DT3	Num	8	MMDDYY	TCR_KI: Previous Transplant Date
TXFER_DT	Num	8	MMDDYY	KPR: Transfer Date
TXFUS_DT	Num	8	MMDDYY	KPR: Pretransplant Date of Last Tranfusion. Stop Collect from 6/30/2004
TXFUS_DT_I	Char	1	\$TRIND	KPR: Pretransplant Date of Last Tranfusion. Stop Collect from 6/30/2004
UNOSGF_PA_DT	Num	8	MMDDYY	KPR: Date of Pancreas Failure
UNOSGFDT	Num	8	MMDDYY	KPR: Date of Kidney Failure
UNSUITABLE_REAS_OSTXT	Char	50		CDR: Donor unsuitable for procurement reason/Specify. Stop Collect From 2004
URINE24	Char	1	\$YNUNK	KPR: Kidney Produced > 40ml of Urine in First 24 Hours
URINE_INF_CONF	Char	1	\$YNUNK	CDR: Clinical Infection: Urine // Confirmed by Culture
URLCMP	Char	1	\$YNUNK	KPR: Contributory Cause of Graft Failure: Urological Complications
USRDS_ID	Num	8	BEST	USRDS_ID
VASC_COMP_KI	Char	1	\$YNUNK	LDR: Kidney Vascular Complications Requiring Intervention
VASC_COMP_KI_INTER	Num	8	VASCCOMP	LDR: KI Vascular Complications, Specify. Multiple selections. The value is comb of value(s) 1, 2, 4, 8, 16, 32, 64
VASC_COMP_KI_INTER_OSTXT	Char	50	\$	LDR: Kidney Vascular Complications Other, Specify
VASC_MGMT	Num	8	PAVENVAS	KPR: Surgical Information: Venous Vascular Management
VEN_EXT_GRF	Char	1	\$YNUNK	KPR: Surgical Information: Venous Extension Graft
VIRUSES_TESTED	Char	1	\$YNUNK	KPR: Have any of HIV, CMV, HBV, HCV, EBV ever been tested for. Stop Collect from 6/30/2004
WAITING_ZIP	Char	10		TCR_KI: Patient Waiting Zip Code. Stop Collect from 6/30/2004
WARM_ISCH_ANAS_KI_LT	Num	8		KPR: Total Warm ischemia Time Left KI (Include Anastomotic time)
WARM_ISCH_ANAS_KI_LT_I	Char	1	\$TRIND	KPR: Total Warm ischemia Time Left KI, status
WARM_ISCH_ANAS_KI_RT	Num	8		KPR: Total Warm ischemia Time Right KI (Include Anastomotic time)
WARM_ISCH_ANAS_KI_RT_I	Char	1	\$TRIND	KPR: Total Warm ischemia Time Right KI, status
WARM_ISCH_TM_KI_LT	Num	8		KPR: Total Warm Ischemic Time KI Left. Stop Separately Collect from 6/30/2004
WARM_ISCH_TM_KI_LT_I	Char	1	\$TRIND	KPR: Total Warm Ischemic Time/Status KI Left. Stop Separately Collect from 6/30/2004
WARM_ISCH_TM_KI_RT	Num	8		KPR: Total Warm Ischemic Time KI Right. Stop Separately Collect from 6/30/2004
WARM_ISCH_TM_KI_RT_I	Char	1	\$TRIND	KPR: Total Warm Ischemic Time/Status KI Right. Stop Separately Collect from 6/30/2004
WARM_ISCH_TM_PA	Num	8		KPR: Total Warm Ischemic Time/Status Pancreas. Stop Separately Collect from 6/30/2004
WARM_ISCH_TM_PA_I	Char	1	\$TRIND	KPR: Total Warm Ischemic Time Pancreas (Min). Stop Separately Collect from 6/30/2004
WGT_KG_POST_TX	Num	8		KPR: Post-Tx - Weight In Kg
WGT_KG_POST_TX_I	Char	1	\$TRIND	KPR: Post-Tx - Weight In Kg, status



Variable	Type	Length	Format	Comment
WGT_KG_PRE_TX	Num	8		KPR: Pre-tx Weight In Kg
WGT_KG_PRE_TX_I	Char	1	\$TRIND	KPR: Pre-tx Weight In Kg, Status
WGT_L	Num	8		TCR_KI: Weight in Kilograms at Listing Time
WGTST_L	Char	1	\$TRIND	TCR_KI: Weight in Kilograms at Listing Time, Status
WORK_INCOME	Char	1	\$YNUNK	KPR: Working for income(Y/N/U)
WORK_INCOME_L	Char	1	\$YNUNK	TCR_KI: Working for income at Listing Time(Y/N/U)
WORK_NO_STATUS	Num	8	NOTWORK	KPR: Not Working Due To
WORK_NO_STATUS_L	Num	8	NOTWORK	TCR_KI: Not Working Due To at Listing Time
WORK_YES_STATUS	Num	8	WORKINC	KPR: Yes Working Status
WORK_YES_STATUS_L	Num	8	WORKINC	TCR_KI: Yes Working Status at Listing Time
WRIT_CONSENT	Num	8	WRITCONS	CDR: Written Consent Obtained By. Stop Collect From 2004
WRIT_CONSENT_OSTXT	Char	50		CDR: Written Consent Specified. Stop Collect From 2004
XMAT_OTH_SER	Char	1	\$YNUNK	RHS: C. Positive crossmatch with sera other than the most recent by any method
XMDONE	Char	1	\$YNUNK	RHS: Test Information - Crossmatch Done
YR_ENTRY_US	Num	8	MMDDYY	TCR_KI: If Patient is Non-Resident Alien, Year of Entry to the U.S

### TRANSPLANT CD-3

#### TXIFUNOS: Transplant Followup with Immunosuppression-UNOS

*Includes post-transplant time (i.e., followup time) and the recipients' immunosuppression drug using information collected by UNOS. A transplant followup patient may have multiple records in a followup event. Includes transplant followup reports collected by UNOS.*

Variable	Type	Length	Format	Comment
DRUG_CD_OSTXT	Char	50	\$	IMF: Drug Code, Specify
RX_ATREJ	Num	8	T_F	IMF: Anti-Rejection
RX_CD	Num	8	DRUG	IMF: DRUG CODE
RXMNTCUR	Num	8	T_F	IMF: DRUG MAINT CURRENT
RXMNTPRE	Num	8	T_F	IMF: DRUG MAINT PREV
TRRFIMID	Num	8		IMF: RECORD KEY
TRRFU_ID	Num	8		IMF: TRR FOLLOW UP ID
USRDS_ID	Num	8	BEST	USRDS_ID

#### TXIRUNOS: Transplant with Immunosuppression at Registration-UNOS

*Includes transplant recipients and immunosuppression drug(s) using information collected by UNOS. Transplant recipients may have multiple records for a transplant event.*

Variable	Type	Length	Format	Comment
DRUG_CD_OSTXT	Char	50	\$	IMR: Drug Code, Specify
RX_ATREJ	Num	8	T_F	IMR: Anti-Rejection
RX_CD	Num	8	DRUG	IMR: DRUG CODE
RX_DAYS	Num	8		IMR: NUMBER OF DAYS
RX_DAYSI	Char	1	\$TRIND	IMR: NUMBER OF DAYS, STATUS
RX_IND	Num	8	T_F	IMR: Induction
RX_MAINT	Num	8	T_F	IMR: Maintenance
TRR_ID	Num	8		IMR: TRR Primary Record Key
TRRIM_ID	Num	8		IMR: RECORD KEY
USRDS_ID	Num	8	BEST	USRDS_ID

**TXFUHCFA: Kidney Transplant Follow-ups**

*Includes transplant follow-up reports collected by CMS before 1994. Reports are completed at discharge, six months, each year post-transplant, and graft failure.*

Variable	Type	Length	Format	Comment
ALG	Char	1	\$YNUFMT	TFU 23D Antithymocyte globulin (ALG)
ALIVE	Char	1	\$YNUFMT	TFU 10 Is patient alive?
CLINREJ	Char	1	\$YNUFMT	TFU 24 Episodes of clinical rejection
CURCRETN	Num	8		TFU 25B Most recent creat reading
CYSPORIN	Char	1	\$YNUFMT	TFU 23G Cyclosporine used
CYTOXAN	Char	1	\$YNUFMT	TFU 23B Cytoxan used
DIALYSIS	Char	1	\$YNUFMT	TFU 16 Dialysis performed?
DIED	Num	8	DATE	TFU 11 Death date
FUDATE	Num	8	DATE	TFU/UNOS Follow-up date USRDS computed
FUNUM	Num	8	FUNUM	TFU 09:Follow-up number
GFAIL	Char	1	\$YNUFMT	TFU 17 Did graft fail?
GFAILDAT	Num	8	DATE	TFU 18 Graft failure date
GFDIAL	Char	1	\$YNUFMT	TFU 19B Failure: Retnd to dialysis
GFRES1	Char	3	\$GFAIL	TFU 20A Graft Fail reason, primary
GFRES2	Char	3	\$GFAIL	TFU 20B Graft Fail reason, secondary
GFTX	Char	1	\$YNUFMT	TFU 19A Failure: Transplant
GREM	Char	1	\$YNUFMT	TFU 21 Graft removed
GREMDATE	Num	8	DATE	TFU 22 Date graft removed
IMURAN	Char	1	\$YNUFMT	TFU 23A Imuran (azathioprine) used
IRRAD	Char	1	\$YNUFMT	TFU 23E Irradiation used
LTFU	Char	1	\$YNUFMT	TFU 12 Lost to follow-up
LTFUDATE	Num	8	DATE	TFU 13 Lost to follow-up: date last seen
MAXCRETN	Num	8		TFU 25A Maximum creat reading
NETWORK	Char	2	\$NETFMT	TFU ESRD Network number (pre 1994 update
NPRVUSRD	Num	8		New Prov no.if transferred - USRDS assign
OTH_IMMU	Char	25		TFU 23H Other immunosuppressive therapy
OTHGRFFL	Char	1	\$YNUFMT	TFU 19C Failure: Other
PREDNSNE	Char	1	\$YNUFMT	TFU 23C Prednisone used
REHAB	Char	2	\$REHAB	TFU 14 Rehabilitation code
REMARKS	Char	1	\$YNUFMT	TFU 26 Remarks on form?
SOLUMED	Char	1	\$YNUFMT	TFU 23F Solumedrol used
TDATE	Num	8	DATE	TFU 08 Transplant Date
TFERDATE	Num	8	DATE	TFU 15C Patient transferred date
TPRVUSRD	Num	8		Transplant Provider no. - USRDS assigned
TRANSFER	Char	1	\$YNUFMT	TFU 15 Patient transferred?
USRDS_ID	Num	8	BEST	USRDS assigned patient ID

**TXHCFA: Kidney Transplant-HCFA**

Includes transplant followup reports collected by CMS prior to 1994. Reports are completed at discharge, six months, each year post-transplant, and graft failure.

Variable	Type	Length	Format	Comment
BUN	Num	8		PM819428 Most Rec BUN
COLDTIME	Num	8		PM819430 Cold Time
CREATDEC	Char	1		PM819419 Creat decline
CULDATE	Num	8	DATE	PM768016a Culture Date
CYCLOPH	Char	1	\$YNUFMT	PM819432a Donor pretreat Cyclophos
DA1	Char	4		PM7694 HLA Locus A1 Donor
DA2	Char	4		PM7694 HLA Locus A2 Donor
DAGE	Num	8	BEST	PM7694 Donor age
DB1	Char	4		PM7694 HLA Locus B1 Donor
DB2	Char	4		PM7694 HLA Locus B2 Donor
DBLOODTY	Char	1	\$PMBLD	PM7694 Donor blood type
DC1	Char	4		PM7694 HLA Locus C1 Donor
DC2	Char	4		PM7694 HLA Locus C2 Donor
DCANCER	Char	1	\$DCANC	PM819426 Donor cancer at time of harvest
DCMV	Char	1	\$YNUFMT	PM819425 Donor CMV antibody
DDR1	Char	4		PM819427 HLA Locus DR1 Donor
DDR2	Char	4		PM819427 HLA Locus DR2 Donor
DETHNIC	Char	1	\$PMETHN	PM819424b Ethnicity Donor
DHAPLO	Char	1	\$YNUFMT	PM819427 HLA Haplotyped Donor
DHBS	Char	1	\$YNUFMT	PM819425 Donor HBsAg positive
DINFECT	Char	1	\$DINFEC	PM819425 Donor infections at time of har
DIURETIC	Char	1	\$YNUFMT	PM819432a Donor pretreat Diuretics
DMB1	Char	4		PM819427 HLA Locus MB1 Donor
DMB2	Char	4		PM819427 HLA Locus MB2 Donor
DONREL_P	Char	1	\$DTYPEDT	PM768010 Donor Type Detail
DRACE	Char	1	\$RACEFMT	PM7694 Donor race
DSEX	Char	1	\$SEXFMT	PM7694 Donor sex
DTYPE	Char	1	\$DON_P	USRDS recoded DTYPE
DTYPE_P	Char	1	\$DON_P	M819420a Donor Type
FROZBLOD	Char	1		PM819417b Frozen blood only used
HEPARIN	Char	1	\$YNUFMT	PM819432a Donor pretreat Heparin
LASIX	Char	1	\$YNUFMT	PM819432a Donor pretreat Lasix
LCRESULT	Char	1	\$LCRES	PM768016 Lymphocyte Culture Results
LOCAL_P	Char	1		PM819420b Local or shared if cad
LRHAPLO	Char	1	\$LHAP	PM819420c Haplo match if liv don
MANNITOL	Char	1	\$YNUFMT	PM819432a Donor pretreat Mannitol
MET_CYC	Char	1	\$YNUFMT	PM819432a Donor pretreat Methyl & Cycl
MLC1WAY	Char	1	\$MLC	PM819411a MLC one-way
MLC2WAY	Char	1	\$MLC	PM819411a MLC two-way
NEPDATE	Num	8	DATE	PM819412b Nephrectomy date
NEPHREC	Char	1	\$NEPH	PM819412a Nephrectomy
NEPHRREA	Char	5	\$NEPHREA	PM819413 Nephrectomy reason
NO_MLC	Char	1		PM819411a MLC not done
OTHERPRE	Char	1	\$YNUFMT	PM819432a Other donor pretreatment
POSEVER	Char	1	\$YNUFMT	PM819415 HBsAg positive ever
POSNOW	Char	1	\$YNUFMT	PM819415 HBsAg positive now
PRA	Num	8		PM819410 PRA at transplant
PRAHIGH	Num	8		PM819410 PRA high
PREG	Num	8		PM8194 4b Pregnancy Number
PREVTX	Num	8	BEST	PM7681 Number of previous tx
PREXFUS	Char	1		PM819417a Pre-tx blood transfusions
PRIOHARV	Char	1	\$PRIOR	PM819432b Time prior to harvest
PROVUSRD	Num	8		USRDS assigned Facility ID
PULSTIME	Num	8		PM819431 Pulsatile Perf Time
RA1	Char	4		PM7694 HLA Locus A1 Recip
RA2	Char	4		PM7694 HLA Locus A2 Recip
RACE	Char	1	\$RACEFMT	PM7694 Recip race
RB1	Char	4		PM7694 HLA Locus B1 Recip
RB2	Char	4		PM7694 HLA Locus B2 Recip
RBLOODTY	Char	1	\$PMBLD	PM7694 Recip. blood type
RC1	Char	4		PM7694 HLA Locus C1 Recip
RC2	Char	4		PM7694 HLA Locus C2 Recip

**TXHCFA: Kidney Transplant-HCFA (continued)**

Variable	Type	Length	Format	Comment
RCMV	Char	1	\$YNUFMT	PM819416 Recip. CMV antibody present
RDR1	Char	4		PM819411b HLA Locus DR1 Recip
RDR2	Char	4		PM819411b HLA Locus DR2 Recip
RES1WAY	Num	8		PM819411a Rel. Response one-way
RES2WAY	Num	8		PM819411a Rel. Response two-way
RETHNIC	Char	1	\$PMETHN	PM8194 5b Ethnicity Recip
RFI	Char	1	\$RFIFMT	Record Format, Pre or Post 1981
RHAPLO	Char	1	\$YNUFMT	PM819411b HLA Haplotype Recip
RHBSAG	Char	1	\$YNUFMT	PM819415 Antibody to HBsAg
RMB1	Char	4		PM819411b HLA Locus MB1 Recip
RMB2	Char	4		PM819411b HLA Locus MB2 Recip
SERCREAT	Num	8		PM819428 Most Rec Ser Creat
SPLDATE	Num	8	DATE	PM819414b Splenectomy date
SPLENECT	Char	1	\$YNUFMT	PM819414a Splenectomy
STEROIDS	Char	1	\$YNUFMT	PM819432a Donor pretreat Steroids
STIMIND1	Num	8		PM819411a Stim. Index one-way
STIMIND2	Num	8		PM819411a Stim. Index two-way
TDATE	Num	8	DATE	PM7694 Transplant Date
TSTATUS	Char	1	\$TSTAT	PM8194 6b Transplant Status
USRDS_ID	Num	8	BEST	USRDS assigned patient ID
WARMTIME	Num	8		PM819429 Warm Ischemia Time
XFUDATE	Num	8	DATE	PM819417c Last transfusion date
XFUSNUMB	Num	8		PM819417a Number of pre-tx blood trans
XFUSXPLT	Char	1		PM819418 Transfusion at Tx
XMATCH	Char	1		PM768015 Cross Match Results
YEAR	Num	8		

## TRANSPLANT CD-4

TXFUUNOS\_KI: Kidney Transplant Followup-UNOS

*Includes transplant followup reports collected by UNOS since 1988.*

Variable	Type	Length	Format	Comment
ACADEMIC_LEVEL	Num	8	ACAACT	KIF: Academic Activity Level
ACADEMIC_PRG	Num	8	ACAPRG	KIF: Academic Progress
ACTREJ	Char	1	\$YNUNK	KIF: Contributory causes of graft failure: Acute Rejection
ACUTE_REJ_EPI	Num	8	ACREJEPI	KIF: Did patient have any acute rejection episodes between transplant and discharge
AGE	Num	8		KIF: Recipient Age at Transplant Time
ANTI_VIRAL_TREATMENTS	Num	8	ANTIVIRL	KIF: If Anti-viral, check all that apply
BIO_VAC_DONE	Char	1	\$YNUNK	KIF: Treatment: Biological or Anti-viral Therapy(Yes/No/Unknown)
BIOPSY_CONFIRMED	Num	8	BIOPCONF	KIF: Was biopsy done to confirm acute rejection
BK	Char	1	\$YNUNK	KIF: Viral Detection // BV: Stop Collect from 2/7/2007.
BK_CLINICAL	Char	2	\$YNUNK	KIF: Viral Detection // BV: Was there clinical disease. Stop Collect from 2/7/2007.
BK_DNA	Char	2	\$SCREEN	KIF: Viral Detection // BV: DNA (PCR) Testing Result. Stop Collect from 2/7/2007.
BK_KI_HIST	Char	2	\$SCREEN	KIF: Viral Detection // BV: Kidney Histology Test Result. Stop Collect from 2/7/2007.
BK_URINE	Char	2	\$SCREEN	KIF: Viral Detection // BV: Urine Cytology Test Result. Stop Collect from 2/7/2007.
BK_VIRUS	Char	1	\$YNUFMT	KIF: As a Contributory cause of graft failure
BMI	Num	8		KIF: bmi
BOTH1TXT	Char	50	\$	KIF: Biological or Anti-viral Therapy Specify
BOTH2TXT	Char	50	\$	KIF: Biological or Anti-viral Therapy Specify
CDC_GROWTH_BMI	Num	8		KIF: Clinical Information - BMI://%ile
CDC_GROWTH_HGT	Num	8		KIF: Clinical Information - Height Percentile//Growth Percentiles//%ile
CDC_GROWTH_WGT	Num	8		KIF: Clinical Information - Weight Percentile//Growth Percentiles//%ile
CHRNREJ	Char	1	\$YNUNK	KIF: Contributory causes of graft failure: Chronic Rejection
CMV	Char	2	\$SCREEN	KIF: Viral Detection // CMV(PRE-UNET CMV VALUE). Stop Collect.
CMV_CLINICAL	Char	2	\$YNUNK	KIF: Viral Detection // CMV: Was there clinical disease. Stop Collect from 2/7/2007.
CMV_CULTURE	Char	2	\$SCREEN	KIF: Viral Detection // CMV: Culture Test Result. Stop Collect from 2/7/2007.
CMV_DNA	Char	2	\$SCREEN	KIF: Viral Detection // CMV: DNA Test Result. Stop Collect from 2/7/2007.
CMV_NUCLEIC	Char	2	\$SCREEN	KIF: Viral Detection // CMV: Nucleic Acid Testing Result. Stop Collect from 6/30/2004.
CMV_YN	Char	1	\$YNUNK	KIF: Viral Detection // CMV. Stop Collect from 2/7/2007.
CMVIGG	Char	2	\$SCREEN	KIF: Viral Detection: CMV IGG
CMVIGM	Char	2	\$SCREEN	KIF: Viral Detection: CMV IGM
COD	Char	4	\$CODFMT	KIF: Primary Cause of Death
COD2	Char	4	\$CODFMT	KIF: Contributory Cause of Death
COD3	Char	4	\$CODFMT	KIF: Contributory Cause of Death
COD2TXT	Char	50	\$	KIF: Contributory Cause of Death, Specify
COD3TXT	Char	50	\$	KIF: Contributory Cause of Death, Specify
CODTXT	Char	50	\$	KIF: Primary Cause of Death, Specify
COGNITIVE_DEV	Num	8	COGDEVL	KIF: Cognitive Development(Pediatric Only)
CREAT	Num	8		KIF: If Graft Functioning, Most Recent Serum Creatinine

Variable	Type	Length	Format	Comment
CREATIND	Char	1	\$TRIND	KIF: If Graft Functioning, Most Recent Serum Creatinine//ST=
DCDATE	Num	8	MMDDYY	KIF: Transplant Discharge Date
DENOVLYM	Char	1	\$YNUNK	KIF: Post Transplant Malignancy: De Novo Lymphoproliferative disease and Lymphoma
DENOVNUM	Char	1	\$YNUNK	KIF: Post Transplant Malignancy: De Novo Solid Tumor:
DIABETES_DURING	Char	1	\$YNUNK	KIF: Diabetes onset during the follow-up period
DIALDT	Num	8	MMDDYY	KIF: Date Maintenance Dialysis Resumed
DIALYSIS	Num	8	DIA_MNT	KIF: Dialysis Since Last Follow-Up
DONID	Char	7	\$	KIF: UNOS Donor ID #
DONREL	Char	1	\$YNUNK	KIF: Post Transplant Malignancy: Donor Related
DTYPE	Char	3	\$	KIF: Donor Type
EBV	Char	1	\$YNUNK	KIF: Viral Detection // EBV. Stop Collect from 2/7/2007.
EBV_CLINICAL	Char	2	\$YNUNK	KIF: Viral Detection // EBV: Was there clinical disease. Stop Collect from 2/7/2007.
EMPL_STAT	Num	8	EMP_STAT	KIF: Employment Status. Changed Way to Collect from 6/30/2004
EPSTDNA	Char	2	\$SCREEN	KIF: Viral Detection // EBV: DNA Test Result. Stop Collect from 2/7/2007.
EPSTIGG	Char	2	\$SCREEN	KIF: Viral Detection // EBV: IgG Test Result. Stop Collect from 2/7/2007
EPSTIGM	Char	2	\$SCREEN	KIF: Viral Detection // EBV: IgM Test Result. Stop Collect from 2/7/2007
FOL_CARE_PROV_CITY	Char	20		KIF: Follow-up Center City. Stop Collect from 10/30/2001
FOL_CARE_PROV_STATE	Char	2	\$STATE	KIF: Follow-up Center State. Stop Collect from 10/30/2001
FOL_CARE_PROV_ZIP	Char	10		KIF: Follow-up Center Zip. Stop Collect from 10/30/2001
FOLCD	Char	3	\$FOLFMT	KIF: Follow up code
FOLCTRTY	Char	3	\$	KIF: Followup Center Type//Followup Center
FUCAREBY	Num	8	CAREPROV	KIF: Follow-up Care Provided By
FUDATE	Num	8	MMDDYY	KIF: This Fol-up Date -- after tx
FUKIFAIL	Num	8	MMDDYY	KIF: This Fol-up Date -- after graft failure
FUNCSTAT	Num	8	FUNCSTAT	KIF: Patient Status: pertaining to activities of daily living
GF1	Num	8	C_GRF_FU	KIF: Primary Cause of Graft Failure
GFAIL	Char	1	\$PA_STAT	KIF: Graft Status(Functioning / Failed)
GFAILDAT	Num	8	MMDDYY	KIF: Date of Graft Failure
GRFTEXT	Char	50	\$	KIF: Primary Cause of Graft Failure, specify
GRFTHROM	Char	1	\$YNUNK	KIF: Contributory causes of graft failure: Graft Thrombosis
HBCORE	Char	2	\$SCREEN	KIF: Viral Detection // HBV: Core Antibody Test Result. Stop Collect from 2/7/2007.
HBSAG	Char	2	\$SCREEN	KIF: Viral Detection // HBV: Surface Antigen Test Result. Stop Collect from 2/7/2007.
HBV	Char	1	\$YNUNK	KIF: Viral Detection // HBV. Stop Collect from 2/7/2007.
HBV_CLINICAL	Char	2	\$YNUNK	KIF: Viral Detection // HBV: Was there clinical disease. Stop Collect from 2/7/2007.
HBV_LL_HIST	Char	2	\$SCREEN	KIF: Viral Detection // HBV: Liver Histology Test Result. Stop Collect from 2/7/2007.
HBVDNA	Char	2	\$SCREEN	KIF: Viral Detection // HBV: DNA Test Result. Stop Collect from 2/7/2007.
HCRIBA	Char	2	\$SCREEN	KIF: Viral Detection // HCV: RIBA Test Result. Stop Collect from 2/7/2007.

Variable	Type	Length	Format	Comment
HCSCRN	Char	2	\$SCREEN	KIF: Viral Detection // HCV: Antibody Test Result. Stop Collect from 2/7/2007.
HCV	Char	1	\$YNUNK	KIF: Viral Detection // HCV. Stop Collect from 2/7/2007.
HCV_CLINICAL	Char	2	\$YNUNK	KIF: Viral Detection // HCV: Was there clinical disease. Stop Collect from 2/7/2007.
HCV_LI_HIST	Char	2	\$SCREEN	KIF: Viral Detection // HCV: Liver Histology Test Result. Stop Collect from 2/7/2007.
HCVRNA	Char	2	\$SCREEN	KIF: Viral Detection // HCV: RNA Test Result. Stop Collect from 2/7/2007.
HGT	Num	8		KIF: Height in cm
HGTIND	Char	1	\$TRIND	KIF: Height in cm, status
HIV	Char	1	\$YNUNK	KIF: Viral Detection // HIV. Stop Collect from 2/7/2007.
HIV_ANTIBODY	Char	2	\$SCREEN	KIF: Viral Detection // HIV: Antibody Test Result. Stop Collect from 2/7/2007.
HIV_CLINICAL	Char	2	\$YNUNK	KIF: Viral Detection // HIV: Was there clinical disease(ARC, AIDS). Stop Collect from 2/7/2007.
HIV_RNA	Char	2	\$SCREEN	KIF: Viral Detection // HIV: RNA Test Result. Stop Collect from 2/7/2007.
HIVCNF	Char	2	\$SCREEN	KIF: Viral Detection // HIV: Confirmation. Stop Collect from 6/30/2004.
HIVSCRN	Char	2	\$SCREEN	KIF: Viral Detection // HIV: Screening. Stop Collect from 6/30/2004.
HOSP	Char	1	\$YNUNK	KIF: Has the patient been hospitalized since the last patient status date
HOSPSTUS	Char	1	\$TRIND	KIF: Number of Hospitalizations since the last pat status date, Status
ICU	Char	1	\$YNUNK	KIF: Was Patient in ICU Duing Follow-up Period. Stop Collect from 6/30/2004.
IM_DISC	Char	1	\$YNUNK	KIF: Did the physician discontinue all maint immuno med
INFECT	Char	1	\$YNUNK	KIF: Contributory causes of graft failure: Infection
INSULIN_DEPENDENT	Char	1	\$YNUNK	KIF: Diabetes onset during the follow-up period // If Yes, insulin dependent
MAINTMED	Num	8	IMMOR	KIF: Were any med given during the follow-up period for maint
MALIG	Char	1	\$YNUNK	KIF: Post-Tx Malignancies
MEASUREMENT_DT	Num	8	MMDDYY	KIF: Date of Measurement(Pediatric Only)
MOTOR_DEV	Num	8	MOTDEVL	KIF: Motor Development(Pediatric Only)
NONCMPL	Char	1	\$YNUNK	KIF: Was there evidence of noncompliance with immuno med during this fup period that compromised the patient's recovery
NUM_HOSP	Num	8		KIF: Number of Hospitalizations since the last pat status date
ORGTYP	Char	4	\$ORG_TYP	KIF: Organ Received Type
OTHGF	Char	50	\$	KIF: Contributory causes of graft failure: Other
PASTAT	Char	1	\$PXSTII	KIF: Patient Status(Living/Dead/Retransplanted)
PASTATDT	Num	8	MMDDYY	KIF: Date of Patient Status
PHYSICAL_CAPACITY	Num	8	PHYSCAP	KIF: Physical Capacity
POLYOMA	Char	1	\$YNUNK	KIF: Treatment for BK virus
POLYOMA_VIRUS	Num	8	TREATBK	KIF: If treated for BK virus, all that apply
POLYOMA_VIRUS_OSTXT	Char	50	\$	KIF: Treatment for BK virus, Sepsify
PREXTUM	Char	1	\$YNUNK	KIF: Post Transplant Malignancy: Recurrence of Pre-Tx Tumor
PRI_PAYMENT	Num	8	PRIPAY	KIF: Primary Insurance at Follow-up
PRI_PAYMENT_CTRY	Char	3	\$CTRY	KIF: Primary Insurance at Follow-up / if = 12 (Foreign Gov), Specify Foreign Gov
PROVUSRD_FOLCTR	Num	8	BEST	KIF: USRDS Assigned Followup Center ID
PROVUSRD_MNTDPROV	Num	8	BEST	KIF: USRDS Assigned Maintenance Dialysis Provider ID.



Variable	Type	Length	Format	Comment
PROVUSRD_TXFER	Num	8	BEST	KIF: USRDS Assigned New UNOS Provider ID Patient Transferred to. Stop Collect from 6/30/2004
PX_NCOMP_IMMUNO	Char	5		KIF: Areas of Noncompliance // Immunosuppression Medication. Stop Collect from 6/30/2004.
PX_NCOMP_OTH_MED	Char	5		KIF: Areas of Noncompliance // Other Medication. Stop Collect from 6/30/2004.
PX_NCOMP_OTH_OSTXT1	Char	50		KIF: Areas of Noncompliance // Other Medication, Specify. Stop Collect from 6/30/2004.
PX_NCOMP_OTH_OSTXT2	Char	50		KIF: Areas of Noncompliance // Other Therapeutic Regimen, Specify. Stop Collect from 6/30/2004.
PX_NCOMP_PAY	Char	5		KIF: Areas of Noncompliance // Unable Pay Immuno Medication . Stop Collect from 6/30/2004.
PX_NCOMP_THERAP	Char	5		KIF: Areas of Noncompliance // Other Therapeutic Regimen. Stop Collect from 6/30/2004.
PX_NON_COMPL	Char	1	\$YNUNK	KIF: Contributory causes of graft failure: Patient Noncompliance
PXRESRH	Char	1	\$YNUNK	KIF: Did the pat participate in any clinical research protocol for immuno med
PXRESTXT	Char	50	\$	KIF: PX PART. IN RESEARCH PROTOCOL FOR IMMUNO. SPECIFY
RECDIS	Char	1	\$YNUNK	KIF: Contributory causes of graft failure: Recurrent Disease
RECURRED_ORIG_DGN	Num	8	DISREC	KIF: Disease Recurrence
RSEX	Char	1	\$	KIF: Recipient Gender
SEROLOGY	Char	1	\$YNUNK	KIF: Have HIV, CMV, HBV, HCV, EBV, BK ever been tested for. Stop Collect from 2/7/2007.
TDATE	Num	8	MMDDYY	KIF: Tx Date
THERAPIES	Char	1	\$YNUNK	KIF: Treatment: other therapies
THERAPIES_TREATMENT	Num	8	OTHOTHER	KIF: If other therapies, all that apply
TRR_ID	Num	8		TRR PRIMARY RECORD KEY
TRRFU_ID	Num	8		KIF:
TRT_REJ	Char	1	\$YNUNK	KIF: Patient Treated for Rejection. Stop Collect from 6/30/2004.
TRT_REJ_NUM	Num	8		KIF: Number of Rejection Events. Stop Collect from 6/30/2004.
TRT_REJ_NUM_I	Char	1	\$TRIND	KIF: Number of Rejection Events, Specify. Stop Collect from 6/30/2004.
TXFER_DT	Num	8	MMDDYY	KIF: Patient Transferred to New Provider // If Yes, Transfer Date. Stop Collect from 6/30/2004.
URINE_PROTEIN	Char	1	\$YNUNK	KIF: Clinical Information: Urine Protein Found By Any Method
URLCOMP	Char	1	\$YNUNK	KIF: Contributory causes of graft failure: Urological Complications
USRDS_ID	Num	8	BEST	USRDS_ID
WGT	Num	8		KIF: Weight In Kg
WGTIND	Char	1	\$TRIND	KIF: Weight In Kg, status
WORK_INCOME	Char	1	\$YNUNK	KIF: Working for income
WORK_NO_STATUS	Num	8	NOTWORK	KIF: Working for income / No, Due To
WORK_YES_STATUS	Num	8	WORKINC	KIF: Working for Income //If Yes, Working Status

**TTXFUUNOS\_KP: Kidney Pancreas Transplant Followup-UNOS**  
*Includes transplant followup reports collected by UNOS since 2003.*

Variable	Type	Length	Format	Comment
ACADEMIC_LEVEL	Num	8	ACAACT	KPF: Patient Status: Academic Activity Level
ACADEMIC_PRG	Num	8	ACAPRG	KPF: Patient Status: Academic Progress
ACTREJ_KI	Char	1	\$YNUNK	KPF: Contributory causes of kidney failure: Acute Rejection
ACTREJ_PA	Char	1	\$YNUNK	KPF: Contributory causes of pancreas failure: Acute Rejection
ACUTE_REJ_EPI_KI	Num	8	ACREJEPI	KPF: Did patient have any kidney acute rejection episodes during the follow-up period
ACUTE_REJ_EPI_PA	Num	8	ACREJEPI	KPF: Did patient have any pancreas acute rejection episodes during the follow-up period
AGE	Num	8		KPF: Recipient Age at Transplant Time
ANAST_LK	Char	1	\$YNUNK	KPF: Contributory Cause of Pancreas Failure: Anastomotic Leak
ANTI_VIRAL_TREATMENTS	Num	8	ANTIVIRL	KPF: If Anti-viral, all that apply
AVN	Char	1	\$	TRF AVN (AVASCULAR NECROSIS): PED
BIO_VAC_DONE	Char	1	\$YNUNK	KPF: Treatment: Biological or Anti-viral Therapy
BIOP_ISLET	Char	1	\$YNUNK	KPF: Contributory Cause of Pancreas Failure: Biopsy Proven Isletitis
BIOPSY_CONFIRMED_KI	Num	8	BIOPCONF	KPF: Was biopsy done to confirm kidney acute rejection
BIOPSY_CONFIRMED_PA	Num	8	BIOPCONF	KPF: Was biopsy done to confirm pancreas acute rejection
BK	Char	1	\$YNUNK	KPF: Viral Detection // BV. Stop Collect from 2/7/2007.
BK_CLINICAL	Char	2	\$YNUNK	KPF: Viral Detection // BV: Was there clinical disease. Stop Collect from 2/7/2007.
BK_DNA	Char	2	\$SCREEN	KPF: Viral Detection // BV: DNA (PCR) Testing Result. Stop Collect from 2/7/2007.
BK_KI_HIST	Char	2	\$SCREEN	KPF: Viral Detection // BV: Kidney Histology Test Result. Stop Collect from 2/7/2007.
BK_URINE	Char	2	\$SCREEN	KPF: Viral Detection // BV: Urine Cytology Test Result. Stop Collect from 2/7/2007.
BK_VIRUS	Char	1	\$YNUNK	KPF: Contributory causes of graft failure: BK (Polyoma) Virus
BLEED	Char	1	\$YNUNK	KPF: Contributory Cause of Pancreas Failure: Bleeding
BMI	Num	8		KPF: bmi
BOTH1TXT	Char	50	\$	KPF: Biological or Anti-viral Therapy1//Specify
BOTH2TXT	Char	50	\$	KPF: Biological or Anti-viral Therapy2//Specify
CDC_GROWTH_BMI	Num	8		KPF: BMI://%ile. Stop Collect from 11/1/2010
CDC_GROWTH_HGT	Num	8		KPF: Height Percentile//Growth Percentiles//%ile. Stop Collect from 11/1/2010
CDC_GROWTH_WGT	Num	8		KPF: Weight Percentile//Growth Percentiles//%ile. Stop Collect from 11/1/2010
CHRNREJ_KI	Char	1	\$YNUNK	KPF: Contributory causes of kidney failure: Kidney Chronic Rejection
CHRNREJ_PA	Char	1	\$YNUNK	KPF: Contributory causes of Pancreas failure: Pancreas Chronic Rejection
CMV	Char	2	\$SCREEN	KPF: Viral Detection // CMV(PRE-UNET CMV VALUE). Stop Collect.
CMV_CLINICAL	Char	2	\$YNUNK	KPF: Viral Detection // CMV: Was there clinical disease. Stop Collect from 2/7/2007.
CMV_CULTURE	Char	2	\$SCREEN	KPF: Viral Detection // CMV: Culture Test Result. Stop Collect from 2/7/2007.
CMV_DNA	Char	2	\$SCREEN	KPF: Viral Detection // CMV: DNA Test Result. Stop Collect from 2/7/2007.
CMV_NUCLEIC	Char	2	\$SCREEN	KPF: Viral Detection // CMV: Nucleic Acid Testing Result. Stop Collect from 6/30/2004.

Variable	Type	Length	Format	Comment
CMV_YN	Char	1	\$YNUNK	KPF: Viral Detection // CMV. Stop Collect from 2/7/2007.
CMVIGG	Char	2	\$\$SCREEN	KPF: Viral Detection: CMV IGG
CMVIGM	Char	2	\$\$SCREEN	KPF: Viral Detection: CMV IGM
COD	Char	4	\$CODKP	KPF: Primary Cause of Death
COD2	Char	4	\$CODKP	KPF: Contributory Cause of Death
COD3	Char	4	\$CODKP	KPF: Contributory Cause of Death
COD2TXT	Char	50	\$	KPF: Contributory Cause of Death, Specify
COD3TXT	Char	50	\$	KPF: Contributory Cause of Death, Specify
CODTXT	Char	50	\$	KPF: Primary Cause of Death, Specify
COGNITIVE_DEV	Num	8	COGDEVLP	KPF: Cognitive Development(Pediatric only)
COMPL_ABS	Char	1	\$YNUNK	KPF: Pancreas Transplant Complications(Not leading to graft failure): Abscess or Local Infection
COMPL_ANASLK	Char	1	\$YNUNK	KPF: Pancreas Transplant Complications(Not leading to graft failure): Anastomotic Leak
COMPL_PANCREA	Char	1	\$YNUNK	KPF: Pancreas Transplant Complications(Not leading to graft failure): Pancreatitis
CORART	Char	1	\$	TRF CORONARY ARTERY DISEASE SINCE LAST FOLLOW UP: PED
CREAT	Num	8		KPF: If Graft Functioning, Most Recent Serum Creatinine
CREATIND	Char	1	\$TRIND	KPF: If Graft Functioning, Most Recent Serum Creatinine//ST=
DCDATE	Num	8	MMDDYY	KPF: Transplant Discharge Date
DENOVLYM	Char	1	\$YNUNK	KPF: Post Transplant Malignancy: De Novo Lymphoproliferative disease and Lymphoma
DENOVTVM	Char	1	\$YNUNK	KPF: Post Transplant Malignancy: De Novo Solid Tumor:
DIALDT	Num	8	MMDDYY	KPF: Date Maintenance Dialysis Resumed
DIALYSIS	Num	8	DIA_MNT	KPF: Dialysis Since Last Follow-Up
DONID	Char	7	\$	KPF: UNOS Donor ID #
DONREL	Char	1	\$YNUNK	KPF: Post Transplant Malignancy: Donor Related
DTYPE	Char	3	\$	KPF: Donor Type
EBV	Char	1	\$YNUNK	KPF: Viral Detection // EBV. Stop Collect from 2/7/2007.
EBV_CLINICAL	Char	2	\$YNUNK	KPF: Viral Detection // EBV: Was there clinical disease. Stop Collect from 2/7/2007.
EMPL_STAT	Num	8	EMP_STAT	KPF: Employment Status. Changed Way to Collect from 6/30/2004
ENTERIC_DRAIN	Char	1	\$YNUNK	KPF: Conv. From Bladder to Enteric Drain Performed
ENTERIC_DRAIN_DT	Num	8	MMDDYY	KPF: Enteric Drain Date
EPSTDNA	Char	2	\$\$SCREEN	KPF: Viral Detection // EBV: DNA Test Result. Stop Collect from 2/7/2007.
EPSTIGG	Char	2	\$\$SCREEN	KPF: Viral Detection // EBV: IgG Test Result. Stop Collect from 2/7/2007
EPSTIGM	Char	2	\$\$SCREEN	KPF: Viral Detection // EBV: IgM Test Result. Stop Collect from 2/7/2007
FOL_CARE_PROV_CITY	Char	20		KPF: Follow-up Center City. Stop Collect from 10/30/2001
FOL_CARE_PROV_STATE	Char	2	\$\$STATE	KPF: Follow-up Center State. Stop Collect from 10/30/2001
FOL_CARE_PROV_ZIP	Char	10		KPF: Follow-up Center Zip. Stop Collect from 10/30/2001
FOLCD	Char	3	\$FOLFMT	KPF: Follow up code
FOLCTRTY	Char	3	\$	KPF: Followup Center Type//Followup Center
FRAC_EXTREM	Num	8		TRF SPECIFY LOCATION AND NUMBER OF FRACTURES// EXTREMITY: PED
FRAC_EXTREM_NUM	Num	8		TRF EXTREMITY//# OF FRACTURES: PED

Variable	Type	Length	Format	Comment
FRAC_OTHER	Num	8		TRF SPECIFY LOCATION AND NUMBER OF FRACTURES// OTHER: PED
FRAC_OTHER_NUM	Num	8		TRF OTHER//# OF FRACTURES: PED
FRAC_PASTYR	Char	1	\$	TRF FRACTURE IN THE PAST YEAR (OR SINCE LAST FOLLOW-UP): PED
FRAC_SPINE	Num	8		TRF SPECIFY LOCATION AND NUMBER OF FRACTURES// SPINE-COMPRESSION FRACTURE: PED
FRAC_SPINE_NUM	Num	8		TRF SPINE-COMPRESSION FRACTURE//# OF FRACTURES: PED
FUCAREBY	Num	8	CAREPROV	KPF: Follow-up Care Provided By
FUDATE	Num	8	MMDDYY	KPF: This Fol-up Date -- after tx
FUKIFAIL	Num	8	MMDDYY	KPF: This Fol-up Date -- after graft failure
FUNCSTAT	Num	8	FUNCSTAT	KPF: Patient Status: pertaining to activities of daily living
GF1_KI	Num	8	C_GRF_FU	KPF: Kidney Primary Cause of Kidney Failure
GF1_PA	Num	8	PACGFF	KPF: Kidney Primary Cause of Pancreas Failure
GFAIL_KI	Char	1	\$PA_STAT	KPF: Kidney Graft Status
GFAIL_PA	Char	1	\$PA_STAT	KPF: Pancreas Graft Status
GFAILDAT_KI	Num	8	MMDDYY	KPF: Kidney Date of Failure
GFAILDAT_PA	Num	8	MMDDYY	KPF: Pancreas Date of Failure
GLYCO_A1	Num	8		KPF: Glycosylated Hemoglobin A1(%). Stop Collect from 6/30/2004.
GLYCO_A10	Num	8		KPF: Glycosylated Hemoglobin A1C(%). Stop Collect from 6/30/2004.
GLYCO_A10_I	Char	1	\$TRIND	KPF: Glycosylated Hemoglobin A1C/Status. Stop Collect from 6/30/2004.
GLYCO_A1_I	Char	1	\$TRIND	KPF: Glycosylated Hemoglobin A1/Status. Stop Collect from 6/30/2004.
GRF_REMOV_DT_PA	Num	8	MMDDYY	KPF: Date Pancreas Removed
GRF_REMOV_PA	Char	1	\$YNUNK	KPF: Pancreas Graft Removed
GRFTEXT_KI	Char	50	\$	KPF: Kidney Primary Cause of Graft Failure: specify
GRFTEXT_PA	Char	50	\$	KPF: Pancreas Primary Causes of Graft Failure: specify
GRFTHROM_KI	Char	1	\$YNUNK	KPF: Contributory Cause of Kidney Failure: Kidney Graft Thrombosis
GRFTHROM_PA	Char	1	\$YNUNK	KPF: Contributory Cause of Pancreas Failure: Pancreas Graft/Vascular Thrombosis
GROWTH_HORMONE	Char	1	\$	TRF IS GROWTH HORMONE THERAPY USED DURING THIS FOLLOWUP PERIOD: PED
HBCORE	Char	2	\$SCREEN	KPF: Viral Detection // HBV: Core Antibody Test Result. Stop Collect from 2/7/2007.
HBSAG	Char	2	\$SCREEN	KPF: Viral Detection // HBV: Surface Antigen Test Result. Stop Collect from 2/7/2007.
HBV	Char	1	\$YNUNK	KPF: Viral Detection // HBV. Stop Collect from 2/7/2007.
HBV_CLINICAL	Char	2	\$YNUNK	KPF: Viral Detection // HBV: Was there clinical disease. Stop Collect from 2/7/2007.
HBV_LI_HIST	Char	2	\$SCREEN	KPF: Viral Detection // HBV: Liver Histology Test Result. Stop Collect from 2/7/2007.
HBVDNA	Char	2	\$SCREEN	KPF: Viral Detection // HBV: DNA Test Result. Stop Collect from 2/7/2007.
HCRIBA	Char	2	\$SCREEN	KPF: Viral Detection // HCV: RIBA Test Result. Stop Collect from 2/7/2007.

Variable	Type	Length	Format	Comment
HCSCRN	Char	2	\$\$SCREEN	KPF: Viral Detection // HCV: Antibody Test Result. Stop Collect from 2/7/2007.
HCV	Char	1	\$\$YNUNK	KPF: Viral Detection // HCV. Stop Collect from 2/7/2007.
HCV_CLINICAL	Char	2	\$\$YNUNK	KPF: Viral Detection // HCV: Was there clinical disease. Stop Collect from 2/7/2007.
HCV_LL_HIST	Char	2	\$\$SCREEN	KPF: Viral Detection // HCV: Liver Histology Test Result. Stop Collect from 2/7/2007.
HCVRNA	Char	2	\$\$SCREEN	KPF: Viral Detection // HCV: RNA Test Result. Stop Collect from 2/7/2007.
HGT	Num	8		KPF: Height in cm
HGTIND	Char	1	\$\$TRIND	KPF: Height in cm, status
HIV	Char	1	\$\$YNUNK	KPF: Viral Detection // HIV. Stop Collect from 2/7/2007.
HIV_ANTIBODY	Char	2	\$\$SCREEN	KPF: Viral Detection // HIV: Antibody Test Result. Stop Collect from 2/7/2007.
HIV_CLINICAL	Char	2	\$\$YNUNK	KPF: Viral Detection // HIV: Was there clinical disease(ARC, AIDS). Stop Collect from 2/7/2007.
HIV_RNA	Char	2	\$\$SCREEN	KPF: Viral Detection // HIV: RNA Test Result. Stop Collect from 2/7/2007.
HIVCNF	Char	2	\$\$SCREEN	KPF: Viral Detection // HIV: Confirmation. Stop Collect from 6/30/2004.
HIVSCRN	Char	2	\$\$SCREEN	KPF: Viral Detection // HIV: Screening. Stop Collect from 6/30/2004.
HOSP	Char	1	\$\$YNUNK	KPF: Has the patient been hospitalized since the last patient status date
HOSPSTUS	Char	1	\$\$TRIND	KPF: Number of Hospitalizations since the last patient status date, Status
ICU	Char	1	\$\$YNUNK	KPF: Was Patient in ICU Duing Follow-up Period. Stop Collect from 6/30/2004.
IM_DISC	Char	1	\$\$YNUNK	KPF: Did the physician discontinue all maintenance immunosuppressive medications
INFECT_KI	Char	1	\$\$YNUNK	KPF: Contributory causes of Kidney failure: Infection
INFECT_PA	Char	1	\$\$YNUNK	KPF: Contributory causes of Pancreas failure: Infection
INSULIN_RES	Num	8	METHBLD	KPF: Method of blood sugar control
MAINTMED	Num	8	IMMOR	KPF: Were any medications given during the follow-up period for maintenance
MALIG	Char	1	\$\$YNUNK	KPF: Post-Tx Malignancies
MEASUREMENT_DT	Num	8	MMDDYY	KPF: Date of Measurement(Pediatric Only)
MEDICATION_RES_DT	Num	8	MMDDYY	KPF: Date insulin/medication resumed
MOTOR_DEV	Num	8	MOTDEVL	KPF: Motor Development(Pediatric Only)
NONCMPL	Char	1	\$\$YNUNK	KPF: Was there evidence of noncompliance with immunosuppression medication during this follow-up period that compromised the patient's recovery
NUM_HOSP	Num	8		KPF: Number of Hospitalizations since the last patient status date
ORGTYP	Char	4	\$\$ORG_TYP	KPF: Organ Received Type
OTH_COMPL_OSTXT	Char	50	\$	KPF: Pancreas Transplant Complications: Other, Specify
OTHGF_KI	Char	50	\$	KPF: Contributory causes of kidney failure: Other
OTHGF_PA	Char	50	\$	KPF: Contributory causes of pancreas failure: Other, Specify
PANCREATIT	Char	1	\$\$YNUNK	KPF: Contributory causes of Pancreas failure: Pancreatitis
PASTAT	Char	1	\$\$PXSTII	KPF: Patient Status(Living/Dead/Retransplanted)

Variable	Type	Length	Format	Comment
PASTATDT	Num	8	MMDDYY	KPF: Date of Patient Status
PHYSICAL_CAPACITY	Num	8	PHYSCAP	KPF: Physical Capacity
POLYOMA	Char	1	\$YNUNK	KPF: Treatment for BK virus
POLYOMA_VIRUS	Num	8	TREATBK	KPF: If treated for BK virus, all that apply
POLYOMA_VIRUS_OSTXT	Char	50	\$	KPF: Treatment for BK virus, Sepsify
POST_AVG_INSULIN_USED	Num	8		KPF: Posttransplant Average Daily Insulin Units. Stop Collect from 6/30/2004.
POST_AVG_INSULIN_USED_I	Char	1	\$TRIND	KPF: Posttransplant Average Daily Insulin Units/Status. Stop Collect from 6/30/2004.
PREXTUM	Char	1	\$YNUNK	KPF: Post Transplant Malignancy: Recurrence of Pre-Tx Tumor
PRI_PAYMENT	Num	8	PRIPAY	KPF: Primary Insurance at Follow-up
PRI_PAYMENT_CTRY	Char	3	\$CTRY	KPF: Primary Insurance at Follow-up / if = 12 (Foreign Gov), Specify Foreign Gov
PROVUSRD_FOLCTR	Num	8	BEST	KPF: USRDS Assigned Followup Center ID
PROVUSRD_MNTDPROV	Num	8	BEST	KPF: USRDS Assigned Maintenance Dialysis Provider ID.
PROVUSRD_TXFER	Num	8	BEST	KPF: USRDS Assigned New UNOS Provider ID Patient Transferred to. Stop Collect from 6/30/2004
PX_NCOMP_IMMUNO	Char	5		KPF: Areas of Noncompliance // Immunosuppression Medication. Stop Collect from 6/30/2004.
PX_NCOMP_OTH_MED	Char	5		KPF: Areas of Noncompliance // Other Medication. Stop Collect from 6/30/2004.
PX_NCOMP_OTH_OSTXT1	Char	50		KPF: Areas of Noncompliance // Other Medication, Specify. Stop Collect from 6/30/2004.
PX_NCOMP_OTH_OSTXT2	Char	50		KPF: Areas of Noncompliance // Other Therapeutic Regimen, Specify. Stop Collect from 6/30/2004.
PX_NCOMP_PAY	Char	5		KPF: Areas of Noncompliance // Unable Pay Immuno Medication . Stop Collect from 6/30/2004.
PX_NCOMP_THERAP	Char	5		KPF: Areas of Noncompliance // Other Therapeutic Regimen. Stop Collect from 6/30/2004.
PX_NON_COMPL_KI	Char	1	\$YNUNK	KPF: Contributory causes of Kidney failure: Patient Noncompliance
PX_NON_COMPL_PA	Char	1	\$YNUNK	KPF: Contributory causes of Pancreas failure: Patient Noncompliance
PXRESRH	Char	1	\$YNUNK	KPF: Did the patient participate in any clinical research protocol for immunosuppressive medications
PXRESTXT	Char	50	\$	KPF: PX PART. IN RESEARCH PROTOCOL FOR IMMUNO. SPECIFY
RECDIS	Char	1	\$YNUNK	KPF: Contributory causes of Kidney failure: Recurrent Disease
RETX_ORG	Char	2	\$ORG_TYP	KPF: If Retransplanted, choose organ(s)
RSEX	Char	1	\$	KPF: Recipient Gender
SEROLOGY	Char	1	\$YNUNK	KPF: Have HIV, CMV, HBV, HCV, EBV, BK ever been tested for. Stop Collect from 2/7/2007.
SERUM_AMY	Num	8		KPF: Serum Amylase
SERUM_AMY_I	Char	1	\$TRIND	KPF: Serum Amylase//St
SERUM_ANODOTRY	Num	8		KPF: Serum Anionic Trypsiongen (ng/ml). Stop Collect from 6/30/2004
SERUM_ANODOTRY_I	Char	1	\$TRIND	KPF: Serum Anionic Trypsiongen/Status. Stop Collect from 6/30/2004

Variable	Type	Length	Format	Comment
TDATE	Num	8	MMDDYY	KPF: Tx Date
THERAPIES	Char	1	\$YNUNK	KPF: Treatment: other therapies
THERAPIES_TREATMENT	Num	8	OTHTHER	KPF: If other therapies, all that apply
TRR_ID	Num	8		TRR TRR ID-RECORD KEY
TRRFU_ID	Num	8		KPF: TRF PRIMARY RECORD KEY
TRT_REJ	Char	1	\$YNUNK	KPF: Patient Treated for Rejection. Stop Collect from 6/30/2004.
TRT_REJ_NUM_KI	Num	8		KPF: Number of Kidney Rejection Events. Stop Collect from 6/30/2004.
TRT_REJ_NUM_KI_I	Char	1	\$TRIND	KPF: Number of Kidney Rejection Events/Status. Stop Collect from 6/30/2004.
TRT_REJ_NUM_PA	Num	8		KPF: Number of Pancreas Rejection Events. Stop Collect from 6/30/2004.
TRT_REJ_NUM_PA_I	Char	1	\$TRIND	KPF: Number of Pancreas Rejection Events/Status. Stop Collect from 6/30/2004.
TXFER_DT	Num	8	MMDDYY	KPF: Patient Transferred to New Provider // If Yes, Transfer Date. Stop Collect from 6/30/2004.
URIN_AMY_UH	Num	8		KPR: Urinary Amylase(u/H). Stop Collect from 6/30/2004.
URIN_AMY_UH_I	Char	1	\$TRIND	KPR: Urinary Amylase(u/H) /Status. Stop Collect from 6/30/2004.

## HOSPITAL CD-1

### HOSPI: Hospitalization 1

Hospitalization inpatient data from the USRDS database are a subset of the data in the Institutional Claims file. No payment or cost variables are included on this CD. This CD is for researchers who need data on hospital inpatient stays and on diagnoses and procedures for those stays but who do not need payment data.

Variable	Type	Length	Format	Comment
CCU_DAYS	Num	8		Days in coronary care unit
CLM_FROM	Num	8	MMDDYY	From date of service
CLM_THRU	Num	8	MMDDYY	Service through date
DIALSESS	Num	8		Dialysis sessions
DISCSTAT	Char	2	\$DRG_DES	Status and destination at Discharge
DRG_CD	Char	3		DRG code
HCFASAF	Char	1	\$HCFASAF	HCFA SAF source of this bill
HSDIAG1	Char	5		Diagnosis code 1
HSDIAG2	Char	5		Diagnosis code 2
HSDIAG3	Char	5		Diagnosis code 3
HSDIAG4	Char	5		Diagnosis code 4
HSDIAG5	Char	5		Diagnosis code 5
HSDIAG6	Char	5		Diagnosis code 6
HSDIAG7	Char	5		Diagnosis code 7
HSDIAG8	Char	5		Diagnosis code 8
HSDIAG9	Char	5		Diagnosis code 9
HSDIAG10	Char	5		Diagnosis code 10
HSSURG1	Char	5		Surgical procedure code 1
HSSURG2	Char	5		Surgical procedure code 2
HSSURG3	Char	5		Surgical procedure code 3
HSSURG4	Char	5		Surgical procedure code 4
HSSURG5	Char	5		Surgical procedure code 5
HSSURG6	Char	5		Surgical procedure code 6
HSSURG7	Char	5		Surgical procedure code 7
HSSURG8	Char	5		Surgical procedure code 8
HSSURG9	Char	5		Surgical procedure code 9
HSSURG10	Char	5		Surgical procedure code 10
ICU_DAYS	Num	8		Days in intensive care unit
MEDCODE	Char	1	\$MEDCODE	Version of ICD9 coding
NUMDIAG	Num	8		Number of diagnosis codes recorded
NUMSURG	Num	8		Number of surgical codes recorded
PRIMDIAG	Char	1	\$YESNO	First diagnosis is primary
REV_DT	Num	8		
RXCAT	Char	1	\$RXCATIC	Dialysis treatment modality
USRDS_ID	Num	8	BEST	USRDS patient ID number



## HOSPITAL CD-2

### *HOSP2: Hospitalization 2*

*Hospitalization inpatient data from the USRDS database are a subset of the data in the Institutional Claims file. No payment or cost variables are included on this CD. This CD is for researchers who need data on hospital inpatient stays and on diagnoses and procedures for those stays but who do not need payment data.*

Variable	Type	Length	Format	Comment
CCU_DAYS	Num	8		Days in coronary care unit
CLM_FROM	Num	8	MMDDYY	From date of service
CLM_THRU	Num	8	MMDDYY	Service through date
DIALSESS	Num	8		Dialysis sessions
DISCSTAT	Char	2	\$DRG_DES	Status and destination at Discharge
DRG_CD	Char	3		DRG code
HCFASAF	Char	1	\$HCFASAF	HCFA SAF source of this bill
HSDIAG1	Char	5		Diagnosis code 1
HSDIAG2	Char	5		Diagnosis code 2
HSDIAG3	Char	5		Diagnosis code 3
HSDIAG4	Char	5		Diagnosis code 4
HSDIAG5	Char	5		Diagnosis code 5
HSDIAG6	Char	5		Diagnosis code 6
HSDIAG7	Char	5		Diagnosis code 7
HSDIAG8	Char	5		Diagnosis code 8
HSDIAG9	Char	5		Diagnosis code 9
HSDIAG10	Char	5		Diagnosis code 10
HSSURG1	Char	5		Surgical procedure code 1
HSSURG2	Char	5		Surgical procedure code 2
HSSURG3	Char	5		Surgical procedure code 3
HSSURG4	Char	5		Surgical procedure code 4
HSSURG5	Char	5		Surgical procedure code 5
HSSURG6	Char	5		Surgical procedure code 6
HSSURG7	Char	5		Surgical procedure code 7
HSSURG8	Char	5		Surgical procedure code 8
HSSURG9	Char	5		Surgical procedure code 9
HSSURG10	Char	5		Surgical procedure code 10
ICU_DAYS	Num	8		Days in intensive care unit
MEDCODE	Char	1	\$MEDCODE	Version of ICD9 coding
NUMDIAG	Num	8		Number of diagnosis codes recorded
NUMSURG	Num	8		Number of surgical codes recorded
PRIMDIAG	Char	1	\$YESNO	First diagnosis is primary
REV_DT	Num	8		
RXCAT	Char	1	\$RXCATIC	Dialysis treatment modality
USRDS_ID	Num	8	BEST	USRDS patient ID number

## HOSPITAL CD-3

### HOSP3: Hospitalization 3

Hospitalization inpatient data from the USRDS database are a subset of the data in the Institutional Claims file. No payment or cost variables are included on this CD. This CD is for researchers who need data on hospital inpatient stays and on diagnoses and procedures for those stays but who do not need payment data. Starting with the 2010 Institutional Claims file, CMS altered the Institutional Claims file format by allowing up to 25 ICD9 diagnosis codes and up to 25 ICD9 procedure codes. This required that USRDS change the HOSP file structure for 2010 and beyond.

Variable	Type	Length	Format	Comment
CCU_DAYS	Num	8		Days in coronary care unit
CLM_FROM	Num	8	MMDDYY	From date of service
CLM_THRU	Num	8	MMDDYY	Service through date
DIALSESS	Num	8		Dialysis sessions
DISCSTAT	Char	2	\$DRG_DES	Status and destination at Discharge
DRG_CD	Char	3		DRG code
HCFASAF	Char	1	\$HCFASAF	HCFA SAF source of this bill
HSDIAG1	Char	5		Diagnosis code 1
HSDIAG2	Char	5		Diagnosis code 2
HSDIAG3	Char	5		Diagnosis code 3
HSDIAG4	Char	5		Diagnosis code 4
HSDIAG5	Char	5		Diagnosis code 5
HSDIAG6	Char	5		Diagnosis code 6
HSDIAG7	Char	5		Diagnosis code 7
HSDIAG8	Char	5		Diagnosis code 8
HSDIAG9	Char	5		Diagnosis code 9
HSDIAG10	Char	5		Diagnosis code 10
HSDIAG11	Char	5		Diagnosis code 11
HSDIAG12	Char	5		Diagnosis code 12
HSDIAG13	Char	5		Diagnosis code 13
HSDIAG14	Char	5		Diagnosis code 14
HSDIAG15	Char	5		Diagnosis code 15
HSDIAG16	Char	5		Diagnosis code 16
HSDIAG17	Char	5		Diagnosis code 17
HSDIAG18	Char	5		Diagnosis code 18
HSDIAG19	Char	5		Diagnosis code 19
HSDIAG20	Char	5		Diagnosis code 20
HSDIAG21	Char	5		Diagnosis code 21
HSDIAG22	Char	5		Diagnosis code 22
HSDIAG23	Char	5		Diagnosis code 23
HSDIAG24	Char	5		Diagnosis code 24
HSDIAG25	Char	5		Diagnosis code 25
HSSURG1	Char	5		Surgical procedure code 1
HSSURG2	Char	5		Surgical procedure code 2
HSSURG3	Char	5		Surgical procedure code 3
HSSURG4	Char	5		Surgical procedure code 4
HSSURG5	Char	5		Surgical procedure code 5
HSSURG6	Char	5		Surgical procedure code 6
HSSURG7	Char	5		Surgical procedure code 7
HSSURG8	Char	5		Surgical procedure code 8
HSSURG9	Char	5		Surgical procedure code 9

**HOSP3: Hospitalization 3 (continued)**

Variable	Type	Length	Format	Comment
HSSURG10	Char	5		Surgical procedure code 10
HSSURG11	Char	5		Surgical procedure code 11
HSSURG12	Char	5		Surgical procedure code 12
HSSURG13	Char	5		Surgical procedure code 13
HSSURG14	Char	5		Surgical procedure code 14
HSSURG15	Char	5		Surgical procedure code 15
HSSURG16	Char	5		Surgical procedure code 16
HSSURG17	Char	5		Surgical procedure code 17
HSSURG18	Char	5		Surgical procedure code 18
HSDIAG19	Char	5		Surgical procedure code 19
HSDIAG20	Char	5		Surgical procedure code 20
HSDIAG21	Char	5		Surgical procedure code 21
HSDIAG22	Char	5		Surgical procedure code 22
HSDIAG23	Char	5		Surgical procedure code 23
HSDIAG24	Char	5		Surgical procedure code 24
HSDIAG25	Char	5		Surgical procedure code 25
ICU_DAYS	Num	8		Days in intensive care unit
MEDCODE	Char	1	\$MEDCODE	Version of ICD coding
NUMDIAG	Num	8		Number of diagnosis codes present
NUMSURG	Num	8		Number of surgical codes present
PRIMDIAG	Char	1	\$YESNO	First diagnosis is primary
RXCAT	Char	1	\$RXCATIC	Dialysis treatment modality
USRDS_ID	Num	8	BEST	USRDS patient ID number

## DMMS CLAIMS CD-1

### HOSP: Hospitalization

Hospitalization inpatient data from the USRDS database are a subset of the data in the Institutional Claims file. No payment or cost variables are included on this CD. This CD is for researchers who need data on hospital inpatient stays and on diagnoses and procedures for those stays but who do not need payment data.

Variable	Type	Length	Format	Comment
CCU_DAYS	Num	8		Days in coronary care unit
CLM_FROM	Num	8	MMDDYY	From date of service
CLM_THRU	Num	8	MMDDYY	Service through date
DIALSESS	Num	8		Dialysis sessions
DISCSTAT	Char	2	\$DRG_DES	Status and destination at Discharge
DRG_CD	Char	3		DRG Code
HCFASAF	Char	1	\$HCFASFI	HCFA SAF source of this bill
HSDIAG1	Char	5		Diagnosis code 1
HSDIAG2	Char	5		Diagnosis code 2
HSDIAG3	Char	5		Diagnosis code 3
HSDIAG4	Char	5		Diagnosis code 4
HSDIAG5	Char	5		Diagnosis code 5
HSDIAG6	Char	5		Diagnosis code 6
HSDIAG7	Char	5		Diagnosis code 7
HSDIAG8	Char	5		Diagnosis code 8
HSDIAG9	Char	5		Diagnosis code 9
HSDIAG10	Char	5		Diagnosis code 10
HSSURG1	Char	5		Surgical procedure code 1
HSSURG2	Char	5		Surgical procedure code 2
HSSURG3	Char	5		Surgical procedure code 3
HSSURG4	Char	5		Surgical procedure code 4
HSSURG5	Char	5		Surgical procedure code 5
HSSURG6	Char	5		Surgical procedure code 6
HSSURG7	Char	5		Surgical procedure code 7
HSSURG8	Char	5		Surgical procedure code 8
HSSURG9	Char	5		Surgical procedure code 9
HSSURG10	Char	5		Surgical procedure code 10
ICU_DAYS	Num	8		Days in intensive care unit
MEDCODE	Char	1	\$MEDCODE	Version of ICD9 coding
NUMDIAG	Num	8		Number of diagnosis codes recorded
NUMSURG	Num	8		Number of surgical codes recorded
PRIMDIAG	Char	1	\$YESNO	First diagnosis is primary
RXCAT	Char	1	\$RXCATIC	Dialysis treatment modality
SEQ_KEYC	Char	2		Sequence # to ensure unique key
USRDS_ID	Num	8	BEST	USRDS patient ID number

**INCLAIM: Institutional Claims***Consists of all Part A Claims*

Variable	Type	Length	Format	Comment
CLM_AMT	Num	8		Medicare payments
CLM_FROM	Num	8	MMDDYY	From date of service
CLM_THRU	Num	8	MMDDYY	Service through date
CLM_TOT	Num	8		Total charges
CVR_DCNT	Num	8		Medicare covered days-use with PER_DIEM
DIALCASH	Num	8		Claim amounts for dialysis
DIALCRC	Char	5	\$DIALCRC	Claim related condition for dialysis
DIALREVC	Char	5	\$DIALRVC	Revenue center code for dialysis
DIALSESS	Num	8		dialysis sessions reported
DISCSTAT	Char	2	\$DRG_DES	Discharge status
DPOADMIN	Num	8		Number of DPO administrations
DPOCASH	Num	8		Total Charge for DPO on this claim
DPODOSE	Num	8		
DRG_CD	Char	3	\$DRGLAB	Diagnosis Related Group code
EPOADMIN	Num	8		EPO administrations
EPOCASH	Num	8		Claim amounts for EPO
EPODOSE	Num	8	BEST	Epo dose
HB	Num	8		
HCFASAF	Char	1	\$HCFASAF	HCFA SAF source of this bill
HCRIT	Num	8		Hematocrit
HGB	Num	8		Hemoglobin reported on ESA claim
PER_DIEM	Num	8	BEST	Per diem pass through amount
PRM_PYR	Char	1	\$PRPAYR	Primary payer for this bill
PROVUSRD	Num	8		USRDS provider ID number
RXCAT	Char	1	\$RXCATIC	Dialysis treatment modality
SEQ_KEYC	Char	2	\$	Sequence # to ensure unique key
USRDS_ID	Num	8	BEST	USRDS Assigned Patient ID

## DMMS CLAIMS CD-2

### *INDETAIL1: Institutional Claim Details*

*Contains details like DRG, diagnoses, and procedures. For many analyses, the Claims Details file will not be needed.*

Variable	Type	Length	Format	Comment
CDTYPE	Char	1	\$CDTYPEI	Code type
CLM_FROM	Num	8	MMDDYY	claim from date
CODE	Char	5		Code value
HCFASAF	Char	1	\$HCFASAF	HCFASAF
HCPCS	Char	5		hcfa common procedure coding system code
REV_CH	Num	8	BEST	Total charges
REV_DT	Num	8		
REVPMT	Num	8		Rev Cntr Paymant Amout, Effective I
SEQ_KEYC	Char	2		SEQ_KEYC
UNITS	Num	8	BEST	Units
URR_CD	Char	8	\$URRFMT	
USRDS_ID	Num	8	BEST	USRDS Assigned Patient ID

### *INDETAIL2: Institutional Claim Details*

*Contains details like DRG, diagnoses, and procedures. For many analyses, the Claims Details file will not be needed.*

Variable	Type	Length	Format	Comment
CDTYPE	Char	1	\$CDTYPEI	Code type
CLM_FROM	Num	8	MMDDYY	claim from date
CODE	Char	5		Code value
HCFASAF	Char	1	\$HCFASAF	HCFASAF
HCPCS	Char	5		hcfa common procedure coding system code
REV_CH	Num	8	BEST	Total charges
REV_DT	Num	8		
REVPMT	Num	8		Rev Cntr Paymant Amout, Effective I
SEQ_KEYC	Char	2		SEQ_KEYC
UNITS	Num	8	BEST	Units
URR_CD	Char	8	\$URRFMT	
USRDS_ID	Num	8	BEST	USRDS Assigned Patient ID

### DMMS CLAIMS CD-3

#### *PSCLAIM1: Physician/Supplier claims*

*All the physician/supplier claims are Medicare Part B. There is one type of file with one record for each claim line-item. The files includes dollar amount, dates of service, diagnosis and procedure codes, type, and place of service.*

Variable	Type	Length	Format	Comment
ALOWCH	Num	8		Allowed charges
CDTYPE	Char	1	\$CDTYPEP	Line Item Type
CLM_FROM	Num	8	MMDDYY	From date of service
CLM_THRU	Num	8	MMDDYY	Thru date of service
DIAG	Char	5	\$	ICD-9-Cm Diagnostic code
HCFASAF	Char	1	\$HCFASFP	HCEFA SAF source of this bill
HCPCS	Char	5	\$	HCPCS Code
HCSRVC	Char	1	\$HCFASVC	HCEFA Service Code
MOD1	Char	2		HCPCS/CPT 1st Modifier
MOD2	Char	2		HCPCS/CPT 2nd Modifier
MOD3	Char	2		HCPCS/CPT 3rd Modifier
MOD4	Char	2		HCPCS/CPT 4th Modifier
PLCSRV	Char	2	\$PLACESV	Place of Service
PMTAMT	Num	8		Claim Payment Amount
PYRCOD	Char	1	\$PRPAYR	Primary Payer code
SBMTCH	Num	8		Submitted Charges
SPCLTY	Char	2	\$PROVSP	Provider Specialty Code
SRVCCT	Num	8		Total Number Line Item Services
USRDS_ID	Num	8	BEST	USRDS patient ID number

## DMMS CLAIMS CD-4

### PSCLAIM 2

All the physician/supplier claims are Medicare Part B. There is one type of file with one record for each claim line-item. The files includes dollar amount, dates of service, diagnosis and procedure codes, type, and place of service.

Variable	Type	Length	Format	Comment
ALLOWCH	Num	8		Allowed charges
CDTYPE	Char	1	\$CDTYPEP	Line Item Type
CLM_FROM	Num	8	MMDDYY	From date of service
CLM_THRU	Num	8	MMDDYY	Thru date of service
DIAG	Char	5	\$	ICD-9-Cm Diagnostic code
HCFASAF	Char	1	\$HCFASFP	HCEFA SAF source of this bill
HCPCS	Char	5	\$	HCPCS Code
HCSRVC	Char	1	\$HCFASVC	HCEFA Service Code
MOD1	Char	2		HCPCS/CPT 1st Modifier
MOD2	Char	2		HCPCS/CPT 2nd Modifier
MOD3	Char	2		HCPCS/CPT 3rd Modifier
MOD4	Char	2		HCPCS/CPT 4th Modifier
PLCSRV	Char	2	\$PLACESV	Place of Service
PMTAMT	Num	8		Claim Payment Amount
PYRCOD	Char	1	\$PRPAYR	Primary Payer code
SBMTCH	Num	8		Submitted Charges
SPCLTY	Char	2	\$PROVSP	Provider Specialty Code
SRVCCT	Num	8		Total Number Line Item Services
USRDS_ID	Num	8	BEST	USRDS patient ID number



## CASE MIX ADEQUACY CD

### HOSP: Hospitalization

Hospitalization inpatient data from the USRDS database are a subset of the data in the Institutional Claims file. No payment or cost variables are included on this CD. This CD is for researchers who need data on hospital inpatient stays and on diagnoses and procedures for those stays but who do not need payment data.

Variable	Type	Length	Format	Comment
CCU_DAYS	Num	8		Days in coronary care unit
CLM_FROM	Num	8	DATE	From date of service
CLM_THRU	Num	8	MMDDYY	Service through date
DIALSESS	Num	8		Dialysis sessions
DISCSTAT	Char	2	\$DRG_DES	Status and destination at Discharge
DRG_CD	Char	3		DRG code
HCFASAF	Char	1	\$HCFASAF	HCFA SAF source of this bill
HSDIAG1	Char	5		Diagnosis code 1
HSDIAG2	Char	5		Diagnosis code 2
HSDIAG3	Char	5		Diagnosis code 3
HSDIAG4	Char	5		Diagnosis code 4
HSDIAG5	Char	5		Diagnosis code 5
HSDIAG6	Char	5		Diagnosis code 6
HSDIAG7	Char	5		Diagnosis code 7
HSDIAG8	Char	5		Diagnosis code 8
HSDIAG9	Char	5		Diagnosis code 9
HSDIAG10	Char	5		Diagnosis code 10
HSSURG1	Char	5		Surgical procedure code 1
HSSURG2	Char	5		Surgical procedure code 2
HSSURG3	Char	5		Surgical procedure code 3
HSSURG4	Char	5		Surgical procedure code 4
HSSURG5	Char	5		Surgical procedure code 5
HSSURG6	Char	5		Surgical procedure code 6
HSSURG7	Char	5		Surgical procedure code 7
HSSURG8	Char	5		Surgical procedure code 8
HSSURG9	Char	5		Surgical procedure code 9
HSSURG10	Char	5		Surgical procedure code 10
ICU_DAYS	Num	8		Days in intensive care unit
MEDCODE	Char	1	\$MEDCODE	Version of ICD9 coding
NUMDIAG	Num	8		Number of diagnosis codes recorded
NUMSURG	Num	8		Number of surgical codes recorded
PRIMDIAG	Char	1	\$YESNO	First diagnosis is primary
RXCAT	Char	1	\$RXCATIC	Dialysis treatment modality
SEQ_KEYC	Char	2		Sequence # to ensure unique key
USRDS_ID	Num	8	BEST	USRDS patient ID number

**INCLAIM: Institutional Claims***Consists of all Part A Claims*

Variable	Type	Length	Format	Comment
CLM_AMT	Num	8	F	Medicare payments
CLM_FROM	Num	8	DATE	From date of service
CLM_THRU	Num	8	MMDDYY	Service through date
CLM_TOT	Num	8	F	Total charges
CVR_DCNT	Num	8	BEST	Medicare covered days-use with PER_DIEM
DIALCASH	Num	8	F	Claim amounts for dialysis
DIALCRC	Char	5	\$DIALCRC	Claim related condition for dialysis
DIALREVC	Char	5	\$DIALRVC	Revenue center code for dialysis
DIALSESS	Num	8	F	dialysis sessions reported
DISCSTAT	Char	2	\$DRG_DES	Discharge status
DRG_CD	Char	3		Diagnosis Related Group code
EPOADMIN	Num	8	F	EPO administrations
EPOCASH	Num	8	F	Claim amounts for EPO
EPODOSE	Num	8	BEST	Epo dose
HCFASAF	Char	1	\$HCFASAF	HCFA SAF source of this bill
HCRIT	Num	8	F	Hematocrit
PER_DIEM	Num	8	BEST	Per diem pass through amount
PRM_PYR	Char	1	\$PRPAYR	Primary payer for this bill
PROVUSRD	Num	8	F	USRDS provider ID number
RXCAT	Char	1	\$RXCATIC	Dialysis treatment modality
SEQ_KEYC	Char	2	\$	Sequence # to ensure unique key
USRDS_ID	Num	8	BEST	USRDS patient ID number

**INDETAIL: Institutional Claim Details***Contains details like DRG, diagnoses, and procedures. For many analyses, the Claims Details file will not be needed.*

Variable	Type	Length	Format	Comment
CDTYPE	Char	1	\$CDTYPEI	Code type
CLM_FROM	Num	8	MMDDYY	claim from date
CODE	Char	5		Code value
HCFASAF	Char	1	\$HCFASAF	HCFASAF
HCPCS	Char	5		hcfa common procedure coding system code
REV_CH	Num	8	BEST	Total charges
REVPMT	Num	8		Rev Cntr Paymant Amout, Effective I
SEQ_KEYC	Char	2		SEQ_KEYC
UNITS	Num	8	BEST	Units
URR_CD	Char	8	\$URRFMT	
USRDS_ID	Num	8	BEST	USRDS Assigned Patient ID

**PSCLAIM: Physician/Supplier claims**

Contains all the physician/supplier claims of the Case Mix patients. There is one type of file with one record for each claim line-item. The files include dollar amounts, dates of service, diagnosis and procedure codes, type, and place of service.

Variable	Type	Length	Format	Comment
ALOWCH	Num	8		Allowed charges
CDTYPE	Char	1	\$CDTYPEP	Line Item Type
CLM_FROM	Num	8	MMDDYY	From date of service
CLM_THRU	Num	8	MMDDYY	Thru date of service
DIAG	Char	5	\$	ICD-9-Cm Diagnostic code
HCFASAF	Char	1	\$HCFASFP	HCFA SAF source of this bill
HCPCS	Char	5	\$	HCPCS Code
HCSRVC	Char	1	\$HCFASVC	HCFA Service Code
MOD1	Char	2		HCPCS/CPT 1st Modifier
MOD2	Char	2		HCPCS/CPT 2nd Modifier
MOD3	Char	2		HCPCS/CPT 3rd Modifier
MOD4	Char	2		HCPCS/CPT 4th Modifier
PLCSRV	Char	2	\$PLACESV	Place of Service
PMTAMT	Num	8		Claim Payment Amount
PYRCOD	Char	1	\$PRPAYR	Primary Payer code
SBMTCH	Num	8		Submitted Charges
SPCLTY	Char	2	\$PROVSP	Provider Specialty Code
SRVCCT	Num	8		Total Number Line Item Services
USRDS_ID	Num	8	BEST	USRDS patient ID number

## COMPREHENSIVE DIALYSIS STUDY (CDS)

### CDS\_SAF\_PATIENT: CDS Patient file

This file contains one record for each of the 1677 patients.

Variable	Type	Length	Format	Comment
AGE	Num	8		Patient: Age at Date Entered into CDS Study (ENROLLMENT_DATE)
BEGDATE	Num	8	MMDDYY	Patient: First Service Date
COMPLETED_DATE_BL	Num	8	MMDDYY	Patient: Date Baseline Survey Completed
EDUCAT	Char	3	\$EDU_CDS	Patient: Education Level (from QOL Baseline Survey Q9)
ENROLLMENT_DATE	Num	8	MMDDYY	Patient: Date Entered Into CDS Study
ETHN	Char	3	\$YNCDS1_	Patient: Participant Hispanic
GENDER	Char	3	\$SEXC	Patient: Gender
HGT_BL	Num	8		Patient: Height (inches) At The Time Of Baseline Survey (From Nutrition Baseline Survey)
PAT_CAT_BL	Num	8	CATEGORY	Patient: Patient's Baseline Category
PROVUSRD	Num	8	BEST	Patient: Facility ID Used To Cross Reference To Other USRDS SAF Files
RACE	Char	3	\$RACECDS	Patient: Race
SPANQ_BL	Char	3	\$YNCDS1_	Patient: Interview in Spanish at the time of baseline survey
STATE	Char	2		Patient: State
TREATMO_BL	Char	3	\$HDPDC	Patient: Modality at the time of baseline survey
USRDS_ID	Num	8	BEST	Patient: Patient ID Used To Cross Reference To Other USRDS SAF Files
WGT_BL	Num	8		Patient: Weight (lbs) At The Time Of Baseline Survey (From Nutrition Baseline Survey)
ZIPCODE	Char	10		Patient: Zipcode

### CDS\_SAF\_LAB: CDS Lab file

This file contains up to 5 sets of lab data from a subset of QOL/Nutrition participants.

Variable	Type	Length	Format	Comment
AAG1	Char	8		Lab: Alpha-1-acid glycoprotein Result1 (mg/dL)
AAG2	Char	8		Lab: Alpha-1-acid glycoprotein Result2 (mg/dL)
ALB1	Num	8		Lab: Albumin Result1 (g/L)
ALB2	Num	8		Lab: Albumin Result2 (g/L)
CRP1	Num	8		Lab: C-Reactive Protein Result1 (mg/dL)
CRP2	Num	8		Lab: C-Reactive Protein Result2 (mg/dL)
DRAW_NUM	Char	8		Lab: Draw Number(missing if no lab data for the draw)
PAB1	Char	8		Lab: Prealbumin Result1 (mg/dL)
PAB2	Char	8		Lab: Prealbumin Result2 (mg/dL)
PROVUSRD	Num	8	BEST	Lab: Original Facility ID Assigned by USRDS Used To Cross Reference To Other USRDS SAF Files
SPECIMEN_DATE	Num	8	MMDDYY	Lab: Specimen Date
USRDS_ID	Num	8	BEST	Patient: Patient ID Used To Cross Reference To Other USRDS SAF Files

**CDS\_SAF\_FOOD\_BASELINE: CDS Food Baseline file**

*This file contains the Baseline Nutrition survey answer data and data generated by “Block Dietary Data System” on QOL/Nutrition participants.*

Variable	Type	Length	Format	Comment
ANTIOXIDANT	Char	3	\$VITDAYS	FOOD FQ: How Often Take Antioxidant (Page 7)
ANTIOXIDANT_YR	Char	3	\$VITYR	FOOD FQ: How Many Years Take Antioxidant (Page 7)
APPLE	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Apples or Pears (Page 2)
APPLE_AMT	Char	3	\$FRUIT	FOOD FQ: How Many Apples Each Time Eat (Page 2)
APPLESAUCE	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Applesauce, Fruit Cocktail, Or Any Canned Fruit (Page 2)
APPLESAUCE_AMT	Char	3	\$ABCD	FOOD FQ: How Much Applesauce Each Time Eat (Page 2)
BA_PCARB	Num	8		Block Dietary Data System(83): % non-alc kcal from carbohydrate
BA_PFAT	Num	8		Block Dietary Data System(81): % non-alc kcal from fat
BA_PPROT	Num	8		Block Dietary Data System(82): % non-alc kcal from protein
BACON	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Bacon (Page 2)
BACON_AMT	Num	8		FOOD FQ: How Many Bacon (Pieces) Each Time Eat (Page 2)
BAKED_BEAN	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Baked Beans (Page 3)
BAKED_BEAN_AMT	Char	3	\$ABCD	FOOD FQ: How Much Baked Beans Each Time Eat (Page 3)
BANANA	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Bananas (Page 2)
BANANA_AMT	Char	3	\$FRUIT	FOOD FQ: How Many Bananas Each Time Eat (Page 2)
BEER	Char	3	\$HOWOFTN	FOOD FQ: How Often Drink Beer (Page 6)
BEER_AMT	Char	3	\$DRINK	FOOD FQ: How Many Beer (Bottles / Cans) Each Time Drink (Page 6)
BETA_CAROTENE	Char	3	\$VITDAYS	FOOD FQ: How Often Take Beta-Carotene (Page 7)
BETA_CAROTENE_YR	Char	3	\$VITYR	FOOD FQ: How Many Years Take Beta-Carotene (Page 7)
BISCUITS	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Biscuits (Page 5)
BISCUITS_AMT	Num	8		FOOD FQ: How Many Biscuits Each Time Eat (Page 5)
BOLONEY	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Boloney (Page 4)
BOLONEY_AMT	Num	8		FOOD FQ: How Many Boloney (Slice) Each Time Eat (Page 4)
BROCCOLI	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Broccoli (Page 3)
BROCCOLI_AMT	Char	3	\$ABCD	FOOD FQ: How Much Broccoli Each Time Eat (Page 3)
BUTTER	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Butter (Page 5)
BUTTER_AMT	Num	8		FOOD FQ: How Many Butter (Tsp) Each Time Eat (Page 5)
CALCIUM	Char	3	\$VITDAYS	FOOD FQ: How Often Take Calcium (Page 7)
CALCIUM_YR	Char	3	\$VITYR	FOOD FQ: How Many Years Take Calcium (Page 7)
CARROT	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Carrots (Page 3)
CARROT_AMT	Char	3	\$ABCD	FOOD FQ: How Much Carrots Each Time Eat (Page 3)
CATSUP	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Catsup (Page 3)
CATSUP_AMT	Num	8		FOOD FQ: How Many Catsup (Tbsp) Each Time Eat (Page 3)
CENTRUM	Char	3	\$VITDAYS	FOOD FQ: How Often Take Centrum (Page 7)
CENTRUM_YR	Char	3	\$VITYR	FOOD FQ: How Many Years Take Centrum (Page 7)
CEREAL	Char	3	\$CEREAL	FOOD FQ: Which Cereal Do You Eat Most Often (Page 2)
CHEESE	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Cheese (Page 2)
CHEESE_DISHES	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Cheese Dishes (Page 5)
CHEESE_DISHES_AMT	Char	3	\$ABCD	FOOD FQ: How Much Cheese Dishes Each Time Eat (Page 5)
CHEESE_SLICES	Num	8		FOOD FQ: How Many Cheese Slices Each Time Eat (Page 2)
CHICKEN_SDWCH	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Chicken Or Turkey (Page 4)
CHICKEN_SDWCH_AMT	Char	3	\$ABCD	FOOD FQ: How Much Chicken Or Turkey Each Time Eat (Page 4)
CHOCOLATE	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Chocolate Or Candy Bars (Page 5)

Variable	Type	Length	Format	Comment
CHOCOLATE_AMT	Char	3	\$BAR	FOOD FQ: How Many Chocolate Or Candy Bars Each Time Eat (Page 5)
COLD_BOWL	Char	3	\$BCD	FOOD FQ: Which Bowl Use to Eat Cold Cereals Each Time Eat (Page 2)
COLD_CEREAL	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Cold Cereals (Page 2)
COLE_SLAW	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Cole Slaw (Page 3)
COLE_SLAW_AMT	Char	3	\$ABCD	FOOD FQ: How Much Cole Slaw Each Time Eat (Page 3)
COMPLETED_DATE_BL	Num	8	MMDDYY	Patient: Date Baseline Survey Completed
COOKED_BOWL	Char	3	\$BCD	FOOD FQ: Which Bowl Use to Eat Cooked Cereals Each Time Eat (Page 2)
COOKED_CEREAL	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Cooked Cereals (Page 2)
COOKIE	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Cookies (Page 5)
COOKIE_AMT	Char	3	\$COOKIES	FOOD FQ: How Many Cookies Each Time Eat (Page 5)
CREAM	Char	3	\$HOWOFTN	FOOD FQ: How Often Use Cream in Coffee Or Tea (Page 6)
CREAM_AMT	Char	3	\$DRINK	FOOD FQ: How Many Total Cream (Tbsp) Use (Page 6)
DAIDZEN	Num	8		Block Dietary Data System(68): Dietary daidzein, mcg
DAIRYSRV	Num	8		Block Dietary Data System(108): Daily Sservings of milk,yogurt,cheese
DARK_BREAD	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Dark Bread (Page 5)
DARK_BREAD_AMT	Num	8		FOOD FQ: How Many Dark Bread (Slice) Each Time Eat (Page 5)
DOUGHNUT	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Doughnuts (Page 5)
DOUGHNUT_AMT	Num	8		FOOD FQ: How Many Doughnuts (Pieces) Each Time Eat (Page 5)
DRUNK_MORE	Char	3	\$YNCDS1_	FOOD FQ: Did You Ever Drink More Beer, Wine Or Liquor Than You Do Now (Page 7)
DT_A_IU	Num	8		Block Dietary Data System(43): Dietary Vit. A(IU)
DT_A_RE	Num	8		Block Dietary Data System(44): Dietary Vit. A(RE)
DT_ACAR	Num	8		Block Dietary Data System(60): Dietary alpha-carotene(mcg)
DT_ANZN	Num	8		Block Dietary Data System(57): Zinc from animal srce(mg)
DT_B1	Num	8		Block Dietary Data System(45): Dietary Vit. B1(mg)
DT_B6	Num	8		Block Dietary Data System(58): Dietary Vit. B6(mg)
DT_B12	Num	8		Block Dietary Data System(72): Dietary Vit. B-12(mcg)
DT_BCAR	Num	8		Block Dietary Data System(61): Dietary beta-carotene(mcg)
DT_CAFFN	Num	8		Block Dietary Data System(70): Dietary Caffeine(mg)
DT_CALC	Num	8		Block Dietary Data System(38): Dietary calcium(mg)
DT_CARB	Num	8		Block Dietary Data System(37): Carbohydrate(g)
DT_CHOL	Num	8		Block Dietary Data System(52): Dietary cholesterol(mg)
DT_CRYP	Num	8		Block Dietary Data System(62): Diet cryptoxanthin(mcg)
DT_CYST	Num	8		Block Dietary Data System(73): Dietary cysteine(mg)
DT_DFIB	Num	8		Block Dietary Data System(53): Dietary Total dietary fiber(g)
DT_FAT	Num	8		Block Dietary Data System(36): Total fat(g)
DT_FE	Num	8		Block Dietary Data System(40): Dietary iron(mg)
DT_FOL	Num	8		Block Dietary Data System(54): Dietary folate(mcg)
DT_KCAL	Num	8		Block Dietary Data System(34): Calories(Kcal)
DT_LIN	Num	8		Block Dietary Data System(51): Polyunsaturated fat(g)
DT_LUT	Num	8		Block Dietary Data System(63): Dietary lutein(mcg)
DT_LYC	Num	8		Block Dietary Data System(64): Dietary lycopene(mcg)
DT_METH	Num	8		Block Dietary Data System(74): Dietary methionine(mg)
DT_MG	Num	8		Block Dietary Data System(59): Dietary magnesium(mg)
DT_NA	Num	8		Block Dietary Data System(41): Dietary sodium(mg)
DT_NIAC	Num	8		Block Dietary Data System(47): Dietary niacin(mg)

Variable	Type	Length	Format	Comment
DT_OLEC	Num	8		Block Dietary Data System(50): Monounsaturated fat(g)
DT_PHOS	Num	8		Block Dietary Data System(39): Dietary phosphorus(mg)
DT_POTA	Num	8		Block Dietary Data System(42): Dietary potassium(mg)
DT_PROA	Num	8		Block Dietary Data System(66): Pro-Vit. A carots(mcg)
DT_PROT	Num	8		Block Dietary Data System(35): Protein(g)
DT_RET	Num	8		Block Dietary Data System(65): Dietary retinol(mcg)
DT_RIBO	Num	8		Block Dietary Data System(46): Dietary Vit. B2(mg)
DT_SFAT	Num	8		Block Dietary Data System(49): Saturated fat(g)
DT_VITC	Num	8		Block Dietary Data System(48): Dietary Vit. C(mg)
DT_VITD	Num	8		Block Dietary Data System(69): Dietary Vit. D(IU)
DT_VITE	Num	8		Block Dietary Data System(55): Dietary Vit. E, a-TE
DT_VITK	Num	8		Block Dietary Data System(71): Dietary Vitamin K(mcg)
DT_ZINC	Num	8		Block Dietary Data System(56): Dietary zinc(mg)
EAT_FAT	Char	3	\$EATFAT	FOOD FQ: When Eat Beef Or Pork Do You (Page 4)
EAT_SKIN	Char	3	\$EATSKIN	FOOD FQ: When Eat Chicken Do You (Page 4)
EGG	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Egg (Page 2)
EGGS_AMT	Num	8		FOOD FQ: How Many Eggs Each Time Eat (Page 2)
FATSRV	Num	8		Block Dietary Data System(109): Daily Freq. fats, oils, sweets, sodas
FIBBEAN	Num	8		Block Dietary Data System(84): Dietary fiber from beans(g)
FIBGRAIN	Num	8		Block Dietary Data System(86): Dietary fib from grains(g)
FIBVEGFR	Num	8		Block Dietary Data System(85): Diet.fib from veg,fruit(g)
FIXYN	Num	8		Block Dietary Data System(124): Was a 'fix' applied to this record
FOLIC_ACID	Char	3	\$VITDAYS	FOOD FQ: How Often Take Folic Acid, Folate (Page 7)
FOLIC_ACID_YR	Char	3	\$VITYR	FOOD FQ: How Many Years Take Folic Acid, Folate (Page 7)
FRIED_CHICKEN	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Fried Chicken (Page 4)
FRIED_FISH	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Fried Fish (Page 4)
FRIED_FISH_AMT	Char	3	\$ABCD	FOOD FQ: How Much Fried Fish Each Time Eat (Page 4)
FRIES	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat French Fries (Page 3)
FRIES_AMT	Char	3	\$ABCD	FOOD FQ: How Much French Fries Each Time Eat (Page 3)
FRUITSRV	Num	8		Block Dietary Data System(105): Daily Freq. fruits, fruit juices
GENISTEN	Num	8		Block Dietary Data System(67): Dietary genistein(mcg)
GRAINSRV	Num	8		Block Dietary Data System(106): Daily Svs brd, cerl, rice, pasta
GRAMSSF	Num	8		Block Dietary Data System(75): Grams solid food(g) PER WEEK
GRN_BEAN	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Green Beans (Page 3)
GRN_BEAN_AMT	Char	3	\$ABCD	FOOD FQ: How Much Green Beans Each Time Eat (Page 3)
GRN_SALAD	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Green Salad (Page 3)
GRN_SALAD_AMT	Char	3	\$ABCD	FOOD FQ: How Much Green Salad Each Time Eat (Page 3)
HAMBURGER	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Hamburgers (Page 4)
HOT_DOG	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Hot Dogs (Page 4)
HOT_DOG_AMT	Num	8		FOOD FQ: How Many Hot Dogs Each Time Eat (Page 4)
ICE_CREAM	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Ice Cream (Page 5)
ICE_CREAM_AMT	Char	3	\$ABCD	FOOD FQ: How Much Ice Cream Each Time Eat (Page 5)
ICE_CREAM_FAT	Char	3	\$LOWFAT	FOOD FQ: When Eat Ice Cream Is It (Page 5)
IRON	Char	3	\$VITDAYS	FOOD FQ: How Often Take Iron (Page 7)
IRON_YR	Char	3	\$VITYR	FOOD FQ: How Many Years Take Iron (Page 7)
KOOL_AID	Char	3	\$SHOWOFTN	FOOD FQ: How Often Drink Kool Aid (Page 6)
KOOL_AID_AMT	Num	8		FOOD FQ: How Many Kool Aid (Glasses) Each Time Drink (Page 6)
LIQUOR	Char	3	\$SHOWOFTN	FOOD FQ: How Often Drink Liquor (Page 6)

Variable	Type	Length	Format	Comment
LIQUOR_AMT	Char	3	\$DRINK	FOOD FQ: How Many Liquor (Drinks) Each Time Drink (Page 6)
LOW_FAT	Char	3	\$LOWFAT	FOOD FQ: When Eat Lunch Meats Are They (Page 4)
MARGARINE	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Margarine (Page 5)
MARGARINE_AMT	Num	8		FOOD FQ: How Many Margarine (Tsp) Each Time Eat (Page 5)
MAYONNAISE	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Mayonnaise (Page 3)
MAYONNAISE_AMT	Num	8		FOOD FQ: How Many Mayonnaise (Tbsp) Each Time Eat (Page 3)
MEAT	Char	3	\$YNCDS1_	FOOD FQ: Do You Ever Eat Chicken, Meat or Fish (Page 4)
MEAT_AMT	Char	3	\$LB	FOOD FQ: How Much Meat (Hamburgers, Cheeseburgers, Meat Loaf) Each Time Eat (Page 4)
MEATSRV	Num	8		Block Dietary Data System(107): Daily Svs meat, fish, poultry, beans, eggs
MILK	Char	3	\$SHOWOFTN	FOOD FQ: How Often Drink Glasses Of Milk (Page 6)
MILK_AMT	Num	8		FOOD FQ: How Many Glasses Of Milk (Glasses) Each Time Drink (Page 6)
MILK_KIND	Char	3	\$MILK	FOOD FQ: What Kind of Milk Drink (Page 6)
MILKSHAKE	Char	3	\$SHOWOFTN	FOOD FQ: How Often Drink Breakfast Milkshakes (Page 6)
MILKSHAKE_AMT	Num	8		FOOD FQ: How Many Breakfast Milkshakes (Glasses/Cans) Each Time Drink (Page 6)
MIXED_DISHES	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Mixed Dishes (Page 4)
MIXED_DISHES_AMT	Char	3	\$ABCD	FOOD FQ: How Much Mixed Dishes Each Time Eat (Page 4)
N_ERRORS	Num	8		Block Dietary Data System(127): # serious errors
N_FDSDAY	Num	8		Block Dietary Data System(114): # solid foods per day
N_FIXES	Num	8		Block Dietary Data System(125): How many items were 'fixed'
N_HIGHS	Num	8		Block Dietary Data System(122): # foods with 'too high' freq
N_HIGRUP	Num	8		Block Dietary Data System(123): # food groups with 'too high' total freq
N_NOSERV	Num	8		Block Dietary Data System(113): # food items with serving size omitted
N_ONCES	Num	8		Block Dietary Data System(119): # food marked as 'once per' any unit
N_SKIP	Num	8		Block Dietary Data System(112): # food items skipped
N_WARNS	Num	8		Block Dietary Data System(126): # 'warnings' applied
OIL_COOKING	Char	3	\$OILUSE	FOOD FQ: How Often Use Fat Or Oil In Cooking (Page 7)
OIL_KIND1	Char	5	\$OIL	FOOD FQ: What Kinds Of Fat Or Oil Usually Use In Cooking1 (Page 7)
OIL_KIND2	Char	5	\$OIL	FOOD FQ: What Kinds Of Fat Or Oil Usually Use In Cooking2 (Page 7)
ORANG_JUICE	Char	3	\$SHOWOFTN	FOOD FQ: How Often Drink Orange Juice (Page 6)
ORANG_JUICE_AMT	Num	8		FOOD FQ: How Many Orange Juice (Glasses) Each Time Drink (Page 6)
ORANGE	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Oranges (Page 2)
ORANGE_AMT	Char	3	\$FRUIT	FOOD FQ: How Many Oranges Each Time Eat (Page 2)
OTH_FISH	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Other Fish (Page 4)
OTH_FISH_AMT	Char	3	\$ABCD	FOOD FQ: How Much Other Fish Each Time Eat (Page 4)
OTH_VEG	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Other Vegetables (Page 3)
OTH_VEG_AMT	Char	3	\$ABCD	FOOD FQ: How Much Other Vegetables Each Time Eat (Page 3)
OTHFRUIT	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Any Other Fruit (Page 2)
OTHFRUIT_AMT	Char	3	\$ABCD	FOOD FQ: How Much Any Other Fruit Each Time Eat (Page 2)
OUTLAFTR	Char	1	\$OUTLIER	Block Dietary Data System(111): Final outlier for age/sex, after portion size adj
OUTLBFOR	Char	1	\$OUTLIER	Block Dietary Data System(110): Kcal outlier for age/sex, before portion size adj
PCT_COL1	Num	8		Block Dietary Data System(120): % foods marked as 'rarely/never'



Variable	Type	Length	Format	Comment
PCT_COL9	Num	8		Block Dietary Data System(121): % foods marked as 'Every day'
PCT_LARG	Num	8		Block Dietary Data System(117): % foods marked as 'large portion'
PCT_MEDS	Num	8		Block Dietary Data System(116): % foods marked as 'medium portion'
PCT_SMAL	Num	8		Block Dietary Data System(115): % foods marked as 'small portion'
PCT_XLS	Num	8		Block Dietary Data System(118): % foods marked as 'extra large portion'
PCTALCH	Num	8		Block Dietary Data System(80): % kcal from alcol bevs
PCTCARB	Num	8		Block Dietary Data System(78): % of kcal from carb
PCTFAT	Num	8		Block Dietary Data System(76): % of kcal from fat
PCTPROT	Num	8		Block Dietary Data System(77): % of kcal from protein
PCTSWEET	Num	8		Block Dietary Data System(79): % kcal from sweets, desserts
PEANUT	Char	3	\$SHOWFTN	FOOD FQ: How Often Eat Peanuts (Page 5)
PEANUT_AMT	Num	8		FOOD FQ: How Many Peanuts (TBSP) Each Time Eat (Page 5)
PIECES	Num	8		FOOD FQ: How Many Medium Pieces Of Fried Chicken Each Time Eat (Page 4)
PIZZA	Char	3	\$SHOWFTN	FOOD FQ: How Often Eat Pizza (Page 5)
PORK	Char	3	\$SHOWFTN	FOOD FQ: How Often Eat Pork (Page 4)
PORK_AMT	Char	3	\$ABCD	FOOD FQ: How Much Pork Each Time Eat (Page 4)
PREGNANT	Char	3	\$NYCDS1_	FOOD FQ: Pregnant (Page 1)
PUNCH	Char	3	\$SHOWFTN	FOOD FQ: How Often Drink Hawaiian Punch (Page 6)
PUNCH_AMT	Num	8		FOOD FQ: How Many Hawaiian Punch (Glasses) Each Time Drink (Page 6)
REFRIED_BEAN	Char	3	\$SHOWFTN	FOOD FQ: How Often Eat Refried Beans (Page 3)
REFRIED_BEAN_AMT	Char	3	\$ABCD	FOOD FQ: How Much Refried Beans Each Time Eat (Page 3)
RICE	Char	3	\$SHOWFTN	FOOD FQ: How Often Eat Rice (Page 3)
RICE_AMT	Char	3	\$ABCD	FOOD FQ: How Much Rice Each Time Eat (Page 3)
ROLLS	Char	3	\$SHOWFTN	FOOD FQ: How Often Eat Rolls, Hamburger Buns (Page 5)
ROLLS_AMT	Char	3	\$FRUIT	FOOD FQ: How Many Rolls Time Eat (Page 5)
S_AGE	Num	8		FOOD FQ: Age (Page 1)
S_HGT_FT	Num	8		FOOD FQ: Height (Ft.) (Page 1)
S_HGT_IN	Num	8		FOOD FQ: Inches (In.) (Page 1)
S_SEX	Char	3	\$SEX	FOOD FQ: Gender (Page 1)
S_WGT	Num	8		FOOD FQ: Weight (Pounds) (Page 1)
SELENIUM	Char	3	\$VITDAYS	FOOD FQ: How Often Take Selenium (Page 7)
SELENIUM_YR	Char	3	\$VITYR	FOOD FQ: How Many Years Take Selenium (Page 7)
SLICES	Num	8		FOOD FQ: How Many Slices Of Pizza Each Time Eat (Page 5)
SMOKE_AMT	Char	3	\$CIGAR	FOOD FQ: How Many Cigarettes a Day Smoke (Page 7)
SMOKING	Char	3	\$YNCDS1_	FOOD FQ: Smoke Cigarettes Now (Page 7)
SNACK	Char	3	\$SHOWFTN	FOOD FQ: How Often Eat Snacks (Page 5)
SNACK_AMT	Char	3	\$ABCD	FOOD FQ: How Much Snacks Each Time Eat (Page 5)
SOFT_DRINK	Char	3	\$SHOWFTN	FOOD FQ: How Often Drink Soft Drinks (Page 6)
SOFT_DRINK_AMT	Char	3	\$DRINK	FOOD FQ: How Many Soft Drinks (Bottles / Cans) Each Time Drink (Page 6)
SPAGHETTI	Char	3	\$SHOWFTN	FOOD FQ: How Often Eat Spaghetti (Page 5)
SPAGHETTI_AMT	Char	3	\$ABCD	FOOD FQ: How Much Spaghetti Each Time Eat (Page 5)
SPINACH	Char	3	\$SHOWFTN	FOOD FQ: How Often Eat Spinach (Page 3)
SPINACH_AMT	Char	3	\$ABCD	FOOD FQ: How Much Spinach Each Time Eat (Page 3)
STEAK	Char	3	\$SHOWFTN	FOOD FQ: How Often Eat Beef Steaks (Page 4)
STEAK_AMT	Char	3	\$ABCD	FOOD FQ: How Much Beef Steaks Each Time Eat (Page 4)

Variable	Type	Length	Format	Comment
STRESS_TABS	Char	3	\$VITDAYS	FOOD FQ: How Often Take Stress-Tabs (Page 7)
STRESS_TABS_YR	Char	3	\$VITYR	FOOD FQ: How Many Years Take Stress-Tabs (Page 7)
SUP_B1	Num	8		Block Dietary Data System(95): Average daily Vit. B1 from supplements (mg)
SUP_B2	Num	8		Block Dietary Data System(101): Average daily Vit. B2 from supplements (mg)
SUP_B6	Num	8		Block Dietary Data System(96): Average daily Vit. B6 from supplements (mg)
SUP_B12	Num	8		Block Dietary Data System(97): Average daily Vit. B12 from supplements (mcg)
SUP_BCAR	Num	8		Block Dietary Data System(94): Average daily Beta-car from supplements (mcg)
SUP_CA	Num	8		Block Dietary Data System(92): Average daily Calcium from supplements (mg)
SUP_CU	Num	8		Block Dietary Data System(99): Average daily Copper from supplements (mg)
SUP_FE	Num	8		Block Dietary Data System(91): Average daily Iron from supplements (mg)
SUP_FOL	Num	8		Block Dietary Data System(98): Average daily Folate from supplements (mcg)
SUP_MG	Num	8		Block Dietary Data System(102): Average daily Magnesium from supplements (mg)
SUP_NIAC	Num	8		Block Dietary Data System(103): Average daily Niacin from supplements (mg)
SUP_SE	Num	8		Block Dietary Data System(100): Average daily Selenium from supplements (mcg)
SUP_VITA	Num	8		Block Dietary Data System(87): Average daily Vit. A from supplements (IU)
SUP_VITC	Num	8		Block Dietary Data System(88): Average daily Vit. C from supplements (mg)
SUP_VITD	Num	8		Block Dietary Data System(89): Average daily Vit. D from supplements (IU)
SUP_VITE	Num	8		Block Dietary Data System(90): Average daily Vit. E from supplements (a-TE)
SUP_ZINC	Num	8		Block Dietary Data System(93): Average daily Zinc from supplements (mg)
SWT_POTATOE	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Sweet Potatoes (Page 3)
SWT_POTATOE_AMT	Char	3	\$ABCD	FOOD FQ: How Much Sweet Potato Each Time Eat (Page 3)
TACOS	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Tacos (Page 4)
TACOS_AMT	Char	3	\$ABCD	FOOD FQ: How Much Tacos Each Time Eat (Page 4)
TOMATOE	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Raw Tomatoes (Page 3)
TOMATOE_AMT	Char	3	\$TOMATOE	FOOD FQ: How Much Raw Tomatoes Each Time Eat (Page 3)
TORTILLAS	Char	3	\$SHOWOFTN	FOOD FQ: How Often Eat Tortillas (Page 5)
TORTILLAS_AMT	Num	8		FOOD FQ: How Many Tortillas Each Time Eat (Page 5)
USRDS_ID	Num	8	BEST	Patient: Patient ID Used To Cross Reference To Other USRDS SAF Files
VA	Char	3	\$VITDAYS	FOOD FQ: How Often Take Vitamin A (Page 7)
VA_YR	Char	3	\$VITYR	FOOD FQ: How Many Years Take Vitamin A (Page 7)
VC	Char	3	\$VITDAYS	FOOD FQ: How Often Take Vitamin C (Page 7)
VC_AMT	Char	3	\$V_AMT1_	FOOD FQ: How Many Milligrams (Mg) Of Vitamin C Take (Page 7)
VC_YR	Char	3	\$VITYR	FOOD FQ: How Many Years Take Vitamin C (Page 7)
VD	Char	3	\$VITDAYS	FOOD FQ: How Often Take Vitamin D (Page 7)
VD_YR	Char	3	\$VITYR	FOOD FQ: How Many Years Take Vitamin D (Page 7)

Variable	Type	Length	Format	Comment
VE	Char	3	\$VITDAYS	FOOD FQ: How Often Take Vitamin E (Page 7)
VE_AMT	Char	3	\$V_AMT2_	FOOD FQ: How Many IUs Of Vitamin E Take (Page 7)
VE_YR	Char	3	\$VITYR	FOOD FQ: How Many Years Take Vitamin E (Page 7)
VEG_SOUP	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Vegetable Soup (Page 3)
VEG_SOUP_BOWL	Char	3	\$BCD	FOOD FQ: Which Bowl Use to Eat Vegetable Soup (Page 3)
VEGSRV	Num	8		Block Dietary Data System(104): Daily Servings of vegetables
VIT	Char	3	\$NYCDS2_	FOOD FQ: During The Past Year, Taken Any Vitamins Or Minerals Regularly (Page 7)
WHIT_BREAD	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat White Bread (Page 5)
WHIT_BREAD_AMT	Num	8		FOOD FQ: How Many White Bread (Slice) Each Time Eat (Page 5)
WHIT_POTATOE	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat White Potatoes (Page 3)
WHIT_POTATOE_AMT	Char	3	\$ABCD	FOOD FQ: How Much White Potatoes Each Time Eat (Page 3)
WINE	Char	3	\$HOWOFTN	FOOD FQ: How Often Drink Wine (Page 6)
WINE_AMT	Char	3	\$DRINK	FOOD FQ: How Many Wine (Glasses) Each Time Drink (Page 6)
YOGURT	Char	3	\$HOWOFTN	FOOD FQ: How Often Eat Yogurt (Page 2)
YOGURT_AMT	Char	3	\$ABCD	FOOD FQ: How Much Yogurt Each Time Eat (Page 2)
ZINC	Char	3	\$VITDAYS	FOOD FQ: How Often Take Zinc (Page 7)
ZINC_YR	Char	3	\$VITYR	FOOD FQ: How Many Years Take Zinc (Page 7)

**CDS\_SAF\_QOL\_BASELINE: CDS QOL Baseline file**

This file contains the Baseline QOL survey answer data and some derivative score data from QOL only and QOL/Nutrition participants.

Variable	Type	Length	Format	Comment
AAS	Num	8		Human Activity Profile (HAP) Adjusted Activity Score (a measure of usual daily activities)
ACCLESS	Char	3	\$TIME1_	QOL Q17 : Accomplished Less As Result Of Health
ACCTYPE	Char	3	\$ACCTYP	QOL Q5 : Access Type
ACMPLS	Char	3	\$TIME1_	QOL Q19 : Accomplished Less As Result Of Emotional
ACSPROB	Char	3	\$BOTHR2_	QOL Q56 : Problems With Access Site
ALONE	Char	3	\$YNCDS1_	QOL Q10 : Living Alone
APPEAR	Char	3	\$BOTHR2_	QOL Q67 : Bothered By Appearance
BPPRE	Char	3	\$YNCDS2_	QOL Q79 : Blood Pressure Medicine
BREATH	Char	3	\$BOTHR2_	QOL Q48 : Bothered By Shortness Of Breath
BURDEN	Char	3	\$TFCDS	QOL Q42 : Burden On Family
BURDEN2	Num	8		Baseline KDQOL-36 Burden of Kidney Disease Score from CDS Q39-CDS Q42
CALM	Char	3	\$TIME1_	QOL Q22 : Felt Calm And Peaceful
CARE	Char	3	\$YNCDS1_	QOL Q11 : Nursing Home
CATHPROB	Char	3	\$BOTHR2_	QOL Q55 : Pd Problems With Catheter Site
CHESTPN	Char	3	\$BOTHR2_	QOL Q44 : Bothered By Chest Pain
CHOLPRE	Char	3	\$YNCDS2_	QOL Q78 : Cholesterol Medicine
CLIMBLT	Char	3	\$LIMIT	QOL Q16 : Climbing Stairs
COGFUN	Num	8		Baseline KDQOL-36 Cognitive Function Score from CDS Q28-CDS Q30
COMPLETED_DATE_BL	Num	8	MMDDYY	Patient: Date Baseline Survey Completed
CONFUSE	Char	3	\$TIME2_	QOL Q30 : Become Confused
CRAMPS	Char	3	\$BOTHR2_	QOL Q45 : Bothered By Cramps
DAYS_HD	Num	8		QOL Q2 : How Many Days A Week Do You Dialyze
DEPEND	Char	3	\$BOTHR2_	QOL Q64 : Bothered By Dependency On Medical Staff
DEPRES	Char	3	\$YNCDS1_	Baseline PHQ-2 Probable/Possible Depression (total score >3, i.e. 3 or greater, from CDS Q26-CDS Q27, after rescoring item responses as 0-3)
DIALHOME	Char	3	\$PDPLC	QOL Q6 : Where Is Treatment
DIALHRS	Num	8		QOL Q3 : How Many Hours Do You Dialyze Each Time
DIFFCON	Char	3	\$TIME2_	QOL Q29 : Difficulty Concentrating
DIMS	Char	3	\$YNCDS1_	Baseline EPESE Difficulty Initiating or Maintaining Sleep Summary (answered 1 to 1+ of CDS Q32-CDS Q34)
DITRST	Char	3	\$BOTHR2_	QOL Q61 : Bothered By Dietary Restriction
DOWNBLU	Char	3	\$TIME1_	QOL Q24 : Felt Downhearted Or Depressed
DOZE	Char	3	\$DOZE	QOL Q58 : Likelihood Of Sleeping On Hemo
DOZEHRS	Num	8		QOL Q59 : About How Much Time Do You Sleep During Your Dialysis (Hr)
DRAIN	Char	3	\$BOTHR2_	QOL Q50 : Bothered By Drained
DRYSKN	Char	3	\$BOTHR2_	QOL Q47 : Bothered By Dry Skin
EDUCAT	Char	3	\$EDU_CDS	QOL Q9 : Education Level
EFFECT	Num	8		Baseline KDQOL-36 Effects of Kidney Disease on Daily Life Score from CDS Q60-CDS Q67
EMP_1YR	Char	3	\$WRKSTAT	QOL Q71 : Working Before Dialysis
EMPLST	Char	3	\$WRKSTAT	QOL Q73 : Now Working
ENERGY	Char	3	\$TIME1_	QOL Q23 : Have Energy

Variable	Type	Length	Format	Comment
ETHNIC	Char	3	\$SYNCDS1_	QOL Q8: Hispanic
EXPLAIN	Char	3	\$RATE	QOL Q86 : Rate Explanations Of Procedure
FAINT	Char	3	\$BOTH2_	QOL Q49 : Bothered By Dizziness
FALSLEEP	Char	3	\$TIME3_	QOL Q32 : Trouble Falling Asleep
FEELDOWN	Char	3	\$BOTH1_	QOL Q27 : Bothered By Feeling Down
FLDRST	Char	3	\$BOTH2_	QOL Q60 : Bothered By Fluid Restriction
FRIENDLY	Char	3	\$CARE	QOL Q84 : Rate Interest Shown In You
FRUST	Char	3	\$TFCD	QOL Q41 : Frustrated With Kidney Disease
GARDEN	Char	3	\$ACTIV	QOL Q69 : Work In Garden
HAP10_OUTCAR	Char	3	\$DOING	QOL Q101_10 : Getting In A Car
HAP11_RESTAURANT	Char	3	\$DOING	QOL Q101_11 : Dining Out
HAP12_CARD	Char	3	\$DOING	QOL Q101_12 : Playing Cards
HAP13_BATH	Char	3	\$DOING	QOL Q101_13 : Taking A Bath
HAP14_SHOES	Char	3	\$DOING	QOL Q101_14 : Putting On Shoes
HAP15_MOVIE	Char	3	\$DOING	QOL Q101_15 : Attending A Movie
HAP16_WALK30YD	Char	3	\$DOING	QOL Q101_16 : Walking 30 Yards
HAP17_WALK30YDNOSTP	Char	3	\$DOING	QOL Q101_17 : Walking 30 Yards (Non Stop)
HAP18_DRESSNOEST	Char	3	\$DOING	QOL Q101_18 : Dressing / Undressing
HAP19_DRIVE99	Char	3	\$DOING	QOL Q101_19 : Driving A Car (99 Miles)
HAP1_OUTCHAIR	Char	3	\$DOING	QOL Q101_1 : Getting In Chairs (Without Assistance)
HAP20_DRIVE100	Char	3	\$DOING	QOL Q101_20 : Driving A Car (100 Miles)
HAP21_COOK	Char	3	\$DOING	QOL Q101_21 : Cooking
HAP22_WASHDISH	Char	3	\$DOING	QOL Q101_22 : Washing Dishes
HAP23_SHELVES	Char	3	\$DOING	QOL Q101_23 : Putting Groceries On Shelves
HAP24_IRON	Char	3	\$DOING	QOL Q101_24 : Ironing Clothes
HAP25_DUST	Char	3	\$DOING	QOL Q101_25 : Dusting Furniture
HAP26_SHOW	Char	3	\$DOING	QOL Q101_26 : Showering
HAP27_CLIMB6	Char	3	\$DOING	QOL Q101_27 : Climbing 6 Steps
HAP28_CLIMB6NOSTOP	Char	3	\$DOING	QOL Q101_28 : Climbing 6 Steps (Non Stop)
HAP29_CLIMB9	Char	3	\$DOING	QOL Q101_29 : Climbing 9 Steps
HAP2_RADIO	Char	3	\$DOING	QOL Q101_2 : Listening To The Radio
HAP30_CLIMB12	Char	3	\$DOING	QOL Q101_30 : Climbing 12 Steps
HAP31_WALKHALFBLC	Char	3	\$DOING	QOL Q101_31 : Walking 1/2 Block On Level Ground
HAP32_WALKHALFBLCNOSTP	Char	3	\$DOING	QOL Q101_32 : Walking 1/2 Block On Level Ground (Non Stop)
HAP33_BED	Char	3	\$DOING	QOL Q101_33 : Making A Bed (Not Changing Sheets)
HAP34_WINDOW	Char	3	\$DOING	QOL Q101_34 : Cleaning Windows
HAP35_KNEE	Char	3	\$DOING	QOL Q101_35 : Squatting To Do Light Work
HAP36_CARRYLIT	Char	3	\$DOING	QOL Q101_36 : Carrying A Light Load Of Groceries
HAP37_CLIMB9NOSTP	Char	3	\$DOING	QOL Q101_37 : Climbing 9 Steps (Non Stop)
HAP38_CLIMB12NOSTP	Char	3	\$DOING	QOL Q101_38 : Climbing 12 Steps (Non Stop)
HAP39_HALFUPHILL	Char	3	\$DOING	QOL Q101_39 : Walking 1/2 Block Uphill
HAP3_READ	Char	3	\$DOING	QOL Q101_3 : Reading Books
HAP40_HALFUPHILLNOSTP	Char	3	\$DOING	QOL Q101_40 : Walking 1/2 Block Uphill (Non Stop)
HAP41_SHOP	Char	3	\$DOING	QOL Q101_41 : Shopping
HAP42_WASHCLOTH	Char	3	\$DOING	QOL Q101_42 : Washing Clothes
HAP43_WALK1BLC	Char	3	\$DOING	QOL Q101_43 : Walking 1 Block On Level Ground
HAP44_WALK2BLC	Char	3	\$DOING	QOL Q101_44 : Walking 2 Blocks On Level Ground
HAP45_WALK1BLCNOSTP	Char	3	\$DOING	QOL Q101_45 : Walking 1 Block On Level Ground (Non Stop)

Variable	Type	Length	Format	Comment
HAP46_WALK2BLCNOSTP	Char	3	\$DOING	QOL Q101_46 : Walking 2 Blocks On Level Ground (Non Stop)
HAP47_SCRUB	Char	3	\$DOING	QOL Q101_47 : Scrubbing
HAP48_CHGSHEET	Char	3	\$DOING	QOL Q101_48 : Making A Bed (Changing Sheets)
HAP49_SWEEP	Char	3	\$DOING	QOL Q101_49 : Sweeping
HAP4_WRITE	Char	3	\$DOING	QOL Q101_4 : Writing
HAP50_SWEEP5MIN	Char	3	\$DOING	QOL Q101_50 : Sweeping (5 Minutes)
HAP51_BOWLING	Char	3	\$DOING	QOL Q101_51 : Carrying A Large Suitcase
HAP52_VACUUM	Char	3	\$DOING	QOL Q101_52 : Vacuuming Carpets
HAP53_VACUUM5MIN	Char	3	\$DOING	QOL Q101_53 : Vacuuming Carpets (5 Minutes)
HAP54_PAINT	Char	3	\$DOING	QOL Q101_54 : Painting
HAP55_WALK6BLC	Char	3	\$DOING	QOL Q101_55 : Walking 6 Blocks On Level Ground
HAP56_WALK6BLCNOSTP	Char	3	\$DOING	QOL Q101_56 : Walking 6 Blocks On Level Ground (Non Stop)
HAP57_GARBAGE	Char	3	\$DOING	QOL Q101_57 : Carrying Out The Garbage
HAP58_CARRYHVVY	Char	3	\$DOING	QOL Q101_58 : Carrying A Heavy Load Of Groceries
HAP59_CLIMB24	Char	3	\$DOING	QOL Q101_59 : Climbing 24 Steps
HAP5_DESK	Char	3	\$DOING	QOL Q101_5 : Working At A Desk
HAP60_CLIMB36	Char	3	\$DOING	QOL Q101_60 : Climbing 36 Steps
HAP61_CLIMB24NOSTP	Char	3	\$DOING	QOL Q101_61 : Climbing 24 Steps (Non Stop)
HAP62_CLIMB36NOSTP	Char	3	\$DOING	QOL Q101_62 : Climbing 36 Steps (Non Stop)
HAP63_WALK1MIL	Char	3	\$DOING	QOL Q101_63 : Walking 1 Mile
HAP64_WALK1MILNOSTP	Char	3	\$DOING	QOL Q101_64 : Walking 1 Mile (Non Stop)
HAP65_RUN110YD	Char	3	\$DOING	QOL Q101_65 : Running 110 Yards
HAP66_DANCE	Char	3	\$DOING	QOL Q101_66 : Dancing (Socially)
HAP67_AEROBIC	Char	3	\$DOING	QOL Q101_67 : Doing Calisthenics
HAP68_MOW	Char	3	\$DOING	QOL Q101_68 : Mowing The Lawn
HAP69_WALK2MIL	Char	3	\$DOING	QOL Q101_69 : Walking 2 Miles
HAP6_STD1MIN	Char	3	\$DOING	QOL Q101_6 : Standing One Minute
HAP70_WALK2MILNOSTP	Char	3	\$DOING	QOL Q101_70 : Walking 2 Miles (Non Stop)
HAP71_CLIMB50	Char	3	\$DOING	QOL Q101_71 : Climbing 50 Steps
HAP72_SHOVEL	Char	3	\$DOING	QOL Q101_72 : Shoveling
HAP73_SHOVELNOSTP	Char	3	\$DOING	QOL Q101_73 : Shoveling (5 Minutes)
HAP74_CLIMB50NOSTP	Char	3	\$DOING	QOL Q101_74 : Climbing 50 Steps (Non Stop)
HAP75_WALK3MIL	Char	3	\$DOING	QOL Q101_75 : Walking 3 Miles
HAP76_WALK3MILNOSTP	Char	3	\$DOING	QOL Q101_76 : Walking 3 Miles (Non Stop)
HAP77_SWIM25YD	Char	3	\$DOING	QOL Q101_77 : Swimming 25 Yards
HAP78_SWIM25YDNOSTP	Char	3	\$DOING	QOL Q101_78 : Swimming 25 Yards (Non Stop)
HAP79_BICYCL1MIL	Char	3	\$DOING	QOL Q101_79 : Bicycling 1 Mile
HAP7_STD5MIN	Char	3	\$DOING	QOL Q101_7 : Standing Five Minutes
HAP80_BICYCL2MIL	Char	3	\$DOING	QOL Q101_80 : Bicycling 2 Miles
HAP81_BICYCL1MILNOSTP	Char	3	\$DOING	QOL Q101_81 : Bicycling 1 Mile (Non Stop)
HAP82_BICYCL2MILNOTOP	Char	3	\$DOING	QOL Q101_82 : Bicycling 2 Miles (Non Stop)
HAP83_RUN025MIL	Char	3	\$DOING	QOL Q101_83 : Running 1/4 Mile
HAP84_RUNHALFMIL	Char	3	\$DOING	QOL Q101_84 : Running 1/2 Mile
HAP85_TENNIS	Char	3	\$DOING	QOL Q101_85 : Playing Tennis
HAP86_BASEBALL	Char	3	\$DOING	QOL Q101_86 : Playing Basketball
HAP87_RUN025MILNOSTP	Char	3	\$DOING	QOL Q101_87 : Running 1/4 Mile (Non Stop)
HAP88_RUNHALFMILNOSTP	Char	3	\$DOING	QOL Q101_88 : Running 1/2 Mile (Non Stop)

Variable	Type	Length	Format	Comment
HAP89_RUN1MIL	Char	3	\$DOING	QOL Q101_89 : Running 1 Mile
HAP8_DRESS	Char	3	\$DOING	QOL Q101_8 : Dressing Or Undressing
HAP90_RUN2MIL	Char	3	\$DOING	QOL Q101_90 : Running 2 Miles
HAP91_RUN3MIL	Char	3	\$DOING	QOL Q101_91 : Running 3 Miles
HAP92_RUN1MIL_12MIN	Char	3	\$DOING	QOL Q101_92 : Running 1 Mile< 12 Minutes
HAP93_RUN2MIL_20MIN	Char	3	\$DOING	QOL Q101_93 : Running 2 Miles < 20 Minutes
HAP94_RUN3MIL_30MIN	Char	3	\$DOING	QOL Q101_94 : Running 3 Miles < 30 Minutes
HAP9_DRAWER	Char	3	\$DOING	QOL Q101_9 : Getting Clothes From Drawers
HDTIME	Char	8		QOL Q4 : What Time Of Day Do You Start Your Dialysis Treatments
HEAD	Char	3	\$BOTH2_	QOL Q53 : Bothered By Headaches
HELGEN	Char	3	\$RATE	QOL Q14 : Health Status
INTLIFE	Char	3	\$TFCDS	QOL Q39 : Kidney Disease Interference
INTLOW	Char	3	\$BOTH1_	QOL Q26 : Bothered By Little Interest
ITCHSKN	Char	3	\$BOTH2_	QOL Q46 : Bothered By Itchy Skin
LIMWRK	Char	3	\$TIME1_	QOL Q18 : Limited In The Kind Of Work
MAS	Num	8		Human Activity Profile (HAP) Maximum Activity Score
MCS	Num	8		SF12 Mental Component Summary Score from CDS Q14-CDS Q25
MODACT	Char	3	\$LIMIT	QOL Q15 : Limited In Moderate Activities
MOVE	Char	3	\$YNCDS1_	QOL Q37 : Creepy Crawly Feelings Get Better
MUSSOR	Char	3	\$BOTH2_	QOL Q43 : Bothered By Soreness In Muscles
MUSWEAK	Char	3	\$BOTH2_	QOL Q54 : Bothered By Muscle Weakness
NAP	Char	3	\$TIME3_	QOL Q35 : Taking A Nap
NAUSEA	Char	3	\$BOTH2_	QOL Q52 : Bothered Ny Nausea
NUMB	Char	3	\$BOTH2_	QOL Q51 : Bothered By Numbness
OCCSTAT	Num	8		Hollingshead Occupational Status Rating (1=high to 7=low) of Occupation (CDS Q74)
ODPD	Char	3	\$YNCDS3_	QOL Q80 : Peritoneal Dialysis Discussion
ODTRANS	Char	3	\$YNCDS3_	QOL Q82 : Kidney Transplantation Discussion
PAININT	Char	3	\$PAIN	QOL Q21 : Pain Interference
PCS	Num	8		SF12 Physical Component Summary Score from CDS Q14-CDS Q25
PDWHEN	Char	3	\$YNCDS3_	QOL Q81 : Pd Discussion 12 Months Before
RCTSLOW	Char	3	\$TIME2_	QOL Q28 : React Slowly
RECOVER	Char	3	\$RECOVER	QOL Q57 : Recovery Time After Dialysis
RECOVERHR	Num	8		QOL Q57 : Number Of Hours Needed To Recover And Be Able To Do Activities From Dialysis (Hours)
RESLEGS	Char	3	\$YNCDS1_	QOL Q36 : Creepy Crawly Feelings In Legs
RETSLEEP	Char	3	\$TIME3_	QOL Q34 : Trouble Waking Too Early
RLS	Char	3	\$YNCDS1_	Baseline NIH Workshop RLS Positive Diagnostic Screen (yes to all CDS Q36-CDS Q38)
S_RACE	Char	3	\$RACECDS	QOL Q7: Race
SEXLF	Char	3	\$BOTH2_	QOL Q66 : Bothered By Sex Life
SLEEP	Num	8		QOL Q31 : How Many Hours Of Sleep Do You Uually Get At Night (Hours)
SMOKE	Char	3	\$SMKSTAT	QOL Q13 : Cigarette Consumption
SMOKED	Char	3	\$YNCDS1_	QOL Q12 : Cigarette Amount
SOCINT	Char	3	\$TIME1_	QOL Q25 : Interference With Social Activities
SPORTS	Char	3	\$ACTIV	QOL Q70 : Play Sports
SPTIME	Char	3	\$RATE	QOL Q85 : Rate Doctor Time With You
SSDIAPP	Char	3	\$YNCDS1_	QOL Q77 : Applied For Ssdi Coverage

Variable	Type	Length	Format	Comment
SSDIPRE	Char	3	\$YNCDS1_	QOL Q76 : Coverage Started Before Dialysis
SSDIS	Char	3	\$YNCDS1_	QOL Q75 : Disability Benefits
STRESS	Char	3	\$BOTHR2_	QOL Q65 : Bothered By Stress Of Disease
SYMP	Num	8		Baseline KDQOL-36 Symptoms/Problems Score from CDS Q43-CDS Q52 Plus CDS Q55 or CDS Q56 (depending on whether patient modality is PD or HD)
TIME	Char	3	\$TFCDS	QOL Q40 : Too Much Of My Time
TRANSPL	Char	3	\$YNCDS3_	QOL Q87 : Kidney Transplantation Discussed After Dialysis
TRANWHEN	Char	3	\$YNCDS3_	QOL Q83 : Kidney Transplantation 12 Months Before
TREATMO	Char	3	\$HDPDC	QOL Q1 : Dialysis Type
TRVABL	Char	3	\$BOTHR2_	QOL Q63 : Bothered By Ability To Travel
USRDS_ID	Num	8	BEST	Patient: Patient Id Used To Cross Reference To Other Usrds Saf Files
WAKEUP	Char	3	\$TIME3_	QOL Q33 : Trouble Waking Up
WALKS	Char	3	\$ACTIV	QOL Q68 : Take Walks
WORSEPM	Char	3	\$YNCDS1_	QOL Q38 : Creepy Crawly Feelings Worse At Night
WRKABL	Char	3	\$BOTHR2_	QOL Q62 : Bothered By Housework
WRKCAR	Char	3	\$TIME1_	QOL Q20 : Did Work Less Carefully
WRKIND	Char	132	\$	QOL Q74 : Kind Of Work
WRKNOV	Char	3	\$WRKSTAT	QOL Q72 : Able To Work



## MEDICARE INSTITUTIONAL DETAIL CLAIMS CD

### *Institutional Claims*

*Consists of all Part A Claims of all ESRD patients.*

Variable	Type	Length	Format	Comment
CLM_AMT	Num	8	BEST	Medicare Payments
CLM_FROM	Num	8	MMDDYY	From Date of Service
CLM_THRU	Num	8	MMDDYY	Service Through Date
CLM_TOT	Num	8	BEST	Total Charges
CVR_DCNT	Num	8	BEST	Medicare Covered Days-Use with PER_DIEM
DIALCASH	Num	8	BEST	Claim Amounts for Dialysis
DIALCRC	Char	5	\$DIALCRC	Claim Related Condition for Dialysis
DIALRVC	Char	5	\$DIALRVC	Revenue Center Code for Dialysis
DIALSESS	Num	8	BEST	Dialysis Sessions Reported
DISCSTAT	Char	2	\$DRG_DES	Discharge Status
DPOADMIN	Num	8		Number of DPO Administrations
DPOCASH	Num	8		Total Charge for DPO on this Claim
DPODOSE	Num	8		
DRG_CD	Char	3		Diagnosis Related Group Code
EPOADMIN	Num	8	BEST	Number of EPO Administrations
EPOCASH	Num	8	BEST	Total Charge for EPO on This Claim
EPODOSE	Num	8	BEST	Total Epo Dosage (Units) for This Claim
HCFASAF	Char	1	\$HCFASAF	HCFA SAF Source of This Bill
HCRIT	Num	8	BEST	Hematocrit Reported on ESA Claim
HGB	Num	8		Hemoglobin Reported on ESA Claim
PER_DIEM	Num	8	BEST	Per Diem Pass Through Amount
PRM_PYR	Char	1	\$PRPAYR	Primary Payer for This Bill
PROVUSRD	Num	8	BEST	USRDS Provider ID Number
RXCAT	Char	1	\$RXCATIC	Dialysis Treatment Modality
SEQ_KEYC	Char	2		Sequence # to Ensure Unique Key
USRDS_ID	Num	8	BEST	Patient: Patient ID Used To Cross Reference To Other USRDS SAF Files

### *Institutional Claims Details*

*Contains details like diagnoses and procedures of all ESRD patients. For many analyses, the Claims Details file will not be needed.*

Variable	Type	Length	Format	Comment
CDTYPE	Char	1	\$CDTYPEI	
CLM_FROM	Num	8	MMDDYY	Claim from Date
CODE	Char	5		See Documentation for Specific Details
HCFASAF	Char	1	\$HCFASAF	HCFASAF
HCPCS	Char	5		HCPCS Code
MOD1	Char	2		HCPCS Initial Modifier Code
MOD2	Char	2		HCPCS Second Modifier Code
MOD3	Char	2		HCPCS Third Modifier Code, Effective I
MOD4	Char	2		HCPCS Fourth Modifier Code, Effective I
MOD5	Char	2		HCPCS Fifth Modifier Code, Effective I
REV_CH	Num	8	BEST	
REV_DT	Num	8	MMDDYY	
REVPMT	Num	8		Rev Cntr Paymant Amount, Effective I
SEQ_KEYC	Char	2		SEQ_KEYC
UNITS	Num	8	BEST	
URR_CD	Char	8	\$URRFMT	
USRDS_ID	Num	8	BEST	Patient: Patient ID Used To Cross Reference To Other USRDS SAF Files

## PHYSICIAN/SUPPLIER CLAIMS CD

### *Physician/Supplier Claims*

*Contains all the physician/supplier claims of all ESRD patients. There is one type of file with one record for each claim line-item. The files include dollar amounts, dates of service, diagnosis and procedure codes, types, and places of service.*

Variable	Type	Length	Format	Comment
ALLOWCH	Num	8		Allowed charges
CDTYPE	Char	1	\$HCCDTYP	Line Item Type
CLM_FROM	Num	8	MMDDYY	From date of service
CLM_THRU	Num	8	MMDDYY	Thru date of service
DIAG	Char	5		ICD-9-cm Diagnostic code
HCFASAF	Char	1	\$HCFASAF	HCFA SAF source of this bill
HCPCS	Char	5		HCPCS code
HCSRVC	Char	1	\$HCFASVC	HCFA service code
MOD1	Char	2		HCPCS/CPT 1st Modifier
MOD2	Char	2		HCPCS/CPT 2nd Modifier
MOD3	Char	2		HCPCS/CPT 3rd Modifier
MOD4	Char	2		HCPCS/CPT 4th Modifier
PLCSRV	Char	2	\$PLACESV	Place of Service
PMTAMT	Num	8		Claim Payment Amount
PYRCOD	Char	1	\$PRPAYR	Primary Payer code
SBMTCH	Num	8		Submitted Charges
SPCLTY	Char	2	\$PROVSP	Provider Specialty Code
SRVCCT	Num	8		Total Number Line Item Services
USRDS_ID	Num	8	BEST	Patient: Patient ID Used To Cross Reference To Other USRDS SAF Files

## MEDICARE 5% SAMPLE CKD-BASED COHORT CD

Medicare 5% Sample CKD Patient Master File: CKD\_PATIENTS\_MASTER\_FILE

The patients in this file are those who had at least one CKD ICD-9 diagnosis code identified in the 5% IP, OP, HH, HS, SNF and PB SAFs. There is one record per patient.

Variable	Type	Length	Format	Comment
FIVEP_ID	Char	9		Unique Patient ID in 5% Sample Pool
USRDS_ID	Num	8	BEST22	Universal ESRD Patient ID
ESRDDATE	Num	8	MMDDYY10	First ESRD Service Date
DOB	Num	8	MMDDYY10	Date of Birth
DOD	Num	8	MMDDYY10	Date of Death
RACECODE	Char	1	\$RACEFMT	Patient Race
SEXCODE	Char	1	\$SEXFMT	Patient Sex
STATECDE	Char	2	\$STATE	Patient State
ZIP_CHAR	Char	9	\$9	Zip Code
CKD_92	Char	1		In 1992 CKDcohort(Y/N)
CKD_93	Char	1		In 1993 CKDcohort(Y/N)
CKD_94	Char	1		In 1994 CKDcohort(Y/N)
CKD_95	Char	1		In 1995 CKDcohort(Y/N)
CKD_96	Char	1		In 1996 CKDcohort(Y/N)
CKD_97	Char	1		In 1997 CKDcohort(Y/N)
CKD_98	Char	1		In 1998 CKDcohort(Y/N)
CKD_99	Char	1		In 1999 CKDcohort(Y/N)
CKD_00	Char	1		In 2000 CKDcohort(Y/N)
CKD_01	Char	1		In 2001 CKDcohort(Y/N)
CKD_02	Char	1		In 2002 CKDcohort(Y/N)
CKD_03	Char	1		In 2003 CKDcohort(Y/N)
CKD_04	Char	1		In 2004 CKDcohort(Y/N)
CKD_05	Char	1		In 2005 CKDcohort(Y/N)
CKD_06	Char	1		In 2006 CKDcohort(Y/N)
CKD_07	Char	1		In 2007 CKDcohort(Y/N)
CKD_08	Char	1		In 2008 CKDcohort(Y/N)
CKD_09	Char	1		In 2009 CKDcohort(Y/N)
CKD_10	Char	1		In 2010 CKDcohort(Y/N)
CKD_9293	Char	1		In 1992-1993 CKDcohort(Y/N)
CKD_9394	Char	1		In 1993-1994 CKDcohort(Y/N)
CKD_9495	Char	1		In 1994-1995 CKDcohort(Y/N)
CKD_9596	Char	1		In 1995-1996 CKDcohort(Y/N)
CKD_9697	Char	1		In 1996-1997 CKDcohort(Y/N)
CKD_9798	Char	1		In 1997-1998 CKDcohort(Y/N)
CKD_9899	Char	1		In 1998-1999 CKDcohort(Y/N)
CKD_9900	Char	1		In 1999-2000 CKDcohort(Y/N)
CKD_0001	Char	1		In 2000-2001 CKDcohort(Y/N)
CKD_0102	Char	1		In 2001-2002 CKDcohort(Y/N)
CKD_0203	Char	1		In 2002-2003 CKDcohort(Y/N)
CKD_0304	Char	1		In 2003-2004 CKDcohort(Y/N)
CKD_0405	Char	1		In 2004-2005 CKDcohort(Y/N)
CKD_0506	Char	1		In 2005-2006 CKDcohort(Y/N)
CKD_0607	Char	1		In 2006-2007 CKDcohort(Y/N)
CKD_0708	Char	1		In 2007-2008 CKDcohort(Y/N)
CKD_0809	Char	1		In 2008-2009 CKDcohort(Y/N)
CKD_0910	Char	1		In 2009-2010 CKDcohort(Y/N)

**Medicare 5% Sample CKD Payer Sequence File: CKD\_PAYER\_SEQ\_FILE**

Variable	Type	Length	Format	Comment
FIVEP_ID	Char	9		Unique Patient ID in 5% Sample Pool
BEG_DATE	Num	8	MMDDYY10	Coverage start date.
END_DATE	Num	8	MMDDYY10	Coverage end date.
COVERAGE_TYPE	Char	2		A -- Entitled with Part A only B -- Entitled with Part B only AB -- Entitled with Part A & Part B H -- Enrolled in an HMO NM -- Not Medicare

**Medicare 5% Sample CKD Patient Co-morbid File: CKD\_CO\_MORBID\_YY Files**

Variable	Type	Length	Format	Comment
FIVEP_ID	Char	9		Unique Patient ID in 5% Sample Pool
FROMDAT	Num	8	MMDDYY10	From Date of Service
CODE	Char	5		CKD ICD-9 Code
CODETYPE	Char	3		CKD ICD-9 Code Source File(ipd: diagnosis code from IP, opd: diagnosis code from OP, hhd: diagnosis code from HH, hsd: diagnosis code from HS, pbd: diagnosis code from PB, snd: diagnosis code from SN)

## MEDICARE 5% SAMPLE CKD PATIENT INSTITUTIONAL DETAIL CLAIMS CD

### *Medicare 5% Sample CKD Patient Institutional Claims*

*Consists of all Part A Claims of all patients from Medicare 5% claim files who had at least one CKD ICD-9 diagnosis code.*

Variable	Type	Length	Format	Comment
FIVEP_ID	Char	9		Unique Patient ID in 5% Sample Pool
CLM_FROM	Num	8	MMDDYY	Service From Date
CLM_THRU	Num	8	MMDDYY	Service Through Date
CLAIMNUM	Num	8		Unique ID Linking Trailing Records
CLM_AMT	Num	8		Medicare Payments
CLM_TOT	Num	8		Total Charges
CVR_DCNT	Num	8		Medicare Covered Days-Use Per_Diem
DISCSTAT	Char	2	\$DRG_DES	Discharge Status
DRG_CD	Char	3		Diagnosis Related Group Code
HCFASAF	Char	1	\$HCFASAF	HCFA SAF Source of This Bill
PER_DIEM	Num	8		Per Diem Pass Through Amount
PRM_PYR	Char	1	\$PRPAYR	Primary Payer For this Bill

### *Medicare 5% Sample CKD Patient Institutional Claims Details*

*Contains details like diagnoses and procedures of all patients from Medicare 5% claim files who had at least one CKD ICD-9 diagnosis code.*

Variable	Type	Length	Format	Comment
FIVEP_ID	Char	9		Unique Patient ID in 5% Sample Pool
CLM_FROM	Num	8	MMDDYY	Service From Date
CLM_THRU	Num	8	MMDDYY	Service Through Date
CLAIMNUM	Num	8		Unique ID Linking Trailing Records
CDTYPE	Char	1	\$CDTYPEI	Defines Type For Code
CODE	Char	5		Diagnosis/Procedure/Value/Revenue Code
HCFASAF	Char	1	\$HCFASAF	SAF Source Bill
HCPCS	Char	5		HCPCS code
REV_CH	Num	8		Revenue Center Total Charge
REV_DT	Num	8	MMDDYY	Revenue Center Service Date
REVPMT	Num	8		Line Item Payment Amount
UNITS	Num	8		

## MEDICARE 5% SAMPLE CKD PATIENT PHYSICIAN/SUPPLIER DETAIL CLAIMS CD

### *Medicare 5% Sample CKD Patient Physician/Supplier Claims Details*

Contains all the physician/supplier claims of all patients from Medicare 5% claim files who had at least one CKD ICD-9 diagnosis code. The files include dollar amounts, dates of service, diagnosis and procedure codes, types, and places of service.

Variable	Type	Length	Format	Comment
FIVEP_ID	Char	9		Unique Patient ID in 5% Sample Pool
CLM_FROM	Num	8	MMDDYY10	Service From Date
CLM_THRU	Num	8	MMDDYY10	Service Through Date
ALLOWCH	Num	8		Allowed Charges
CDTYPE	Char	1	\$HCCDTYP	Line Item Type
DIAG	Char	5		ICD-9-CM Diagnosis Code
HCFASAF	Char	1	\$HCFASAF	SAF Source of This Bill
HCPCS	Char	5		HCPCS Procedure Code
HCSRVC	Char	1	\$HCFASVC	HCFA Service Code
MOD1	Char	2		CPT/HCPCS First Modifier
MOD2	Char	2		CPT/HCPCS Second Modifier
MOD3	Char	2		CPT/HCPCS Third Modifier
MOD4	Char	2		CPT/HCPCS Fourth Modifier
PLCSRVC	Char	2	\$PLACESV	Place of Service
PMTAMT	Num	8		Claim Payment Amount
PYRCOD	Char	1	\$PRPAYR	Primary Payer Code
SBMTCH	Num	8		Submitted Charges
SPCLTY	Char	2	\$PROVSP	Provider Specialty Code
SRVCT	Num	8		Total Number Line Item Services

## MEDICARE 5% SAMPLE CKD PATIENT HOSPITAL STAY SUMMARY CD

### *Medicare 5% Sample CKD Patient Hospital Stay Summary File: CKD\_92\_to\_YR\_hosp\_clm*

Contains diagnosis codes, procedure codes, days in intensive care unit (ICU), and days in coronary unit (CCU), of patients who had at least one CKD ICD-9 diagnosis code identified in the 5% IP, OP, HH, HS, SNF, and PB SAFs.

Variable	Type	Length	Format	Comment
FIVEP_ID	Char	9		Unique Patient ID in 5% Sample Pool
CLM_FROM	Num	8	DATE9	From Date of Service
CLM_THRU	Num	8	DATE9	Service Through Date
ICU_DAYS	Num	8		The Number of Days in Intensive Care Unit (ICU)
CCU_DAYS	Num	8		The Number of Days in Coronary Care Unit (CCU)
DISCSTAT	Char	2	\$DRG_DES	Status and Destination at Discharge
DRG_CD	Char	3		DRG Code
NUMDIAG	Num	8		Number of Diagnosis Codes Recorded
NUMSURG	Num	8		Number of Surgical Codes Recorded
PRIMDIAG	Char	1	\$YESNO	First Diagnosis is Primary
HSDIAG1	Char	5		Diagnosis Code 1
HSDIAG2	Char	5		Diagnosis Code 2
HSDIAG3	Char	5		Diagnosis Code 3
HSDIAG4	Char	5		Diagnosis Code 4
HSDIAG5	Char	5		Diagnosis Code 5
HSDIAG6	Char	5		Diagnosis Code 6
HSDIAG7	Char	5		Diagnosis Code 7
HSDIAG8	Char	5		Diagnosis Code 8
HSDIAG9	Char	5		Diagnosis Code 9
HSDIAG10	Char	5		Diagnosis Code 10
HSDIAG11	Char	5		Diagnosis Code 11(Effective with Version 'J')
HSDIAG12	Char	5		Diagnosis Code 12(Effective with Version 'J')
HSDIAG13	Char	5		Diagnosis Code 13(Effective with Version 'J')
HSDIAG14	Char	5		Diagnosis Code 14(Effective with Version 'J')
HSDIAG15	Char	5		Diagnosis Code 15(Effective with Version 'J')
HSDIAG16	Char	5		Diagnosis Code 16(Effective with Version 'J')
HSDIAG17	Char	5		Diagnosis Code 17(Effective with Version 'J')
HSDIAG18	Char	5		Diagnosis Code 18(Effective with Version 'J')
HSDIAG19	Char	5		Diagnosis Code 19(Effective with Version 'J')
HSDIAG20	Char	5		Diagnosis Code 20(Effective with Version 'J')
HSDIAG21	Char	5		Diagnosis Code 21(Effective with Version 'J')
HSDIAG22	Char	5		Diagnosis Code 22(Effective with Version 'J')

Variable	Type	Length	Format	Comment
HSDIAG23	Char	5		Diagnosis Code 23(Effective with Version 'J')
HSDIAG24	Char	5		Diagnosis Code 24(Effective with Version 'J')
HSDIAG25	Char	5		Diagnosis Code 25(Effective with Version 'J')
HSSURG1	Char	4		Surgical Procedure Code 1
HSSURG2	Char	4		Surgical Procedure Code 2
HSSURG3	Char	4		Surgical Procedure Code 3
HSSURG4	Char	4		Surgical Procedure Code 4
HSSURG5	Char	4		Surgical Procedure Code 5
HSSURG6	Char	4		Surgical Procedure Code 6
HSSURG7	Char	4		Surgical Procedure Code 7
HSSURG8	Char	4		Surgical Procedure Code 8
HSSURG9	Char	4		Surgical Procedure Code 9
HSSURG10	Char	4		Surgical Procedure Code 10
HSSURG11	Char	4		Surgical Procedure Code 11(Effective with Version 'J')
HSSURG12	Char	4		Surgical Procedure Code 12(Effective with Version 'J')
HSSURG13	Char	4		Surgical Procedure Code 13(Effective with Version 'J')
HSSURG14	Char	4		Surgical Procedure Code 14(Effective with Version 'J')
HSSURG15	Char	4		Surgical Procedure Code 15(Effective with Version 'J')
HSSURG16	Char	4		Surgical Procedure Code 16(Effective with Version 'J')
HSSURG17	Char	4		Surgical Procedure Code 17(Effective with Version 'J')
HSSURG18	Char	4		Surgical Procedure Code 18(Effective with Version 'J')
HSSURG19	Char	4		Surgical Procedure Code 19(Effective with Version 'J')
HSSURG20	Char	4		Surgical Procedure Code 20(Effective with Version 'J')
HSSURG21	Char	4		Surgical Procedure Code 21(Effective with Version 'J')
HSSURG22	Char	4		Surgical Procedure Code 22(Effective with Version 'J')
HSSURG23	Char	4		Surgical Procedure Code 23(Effective with Version 'J')
HSSURG24	Char	4		Surgical Procedure Code 24(Effective with Version 'J')
HSSURG25	Char	4		Surgical Procedure Code 25(Effective with Version 'J')

## MEDICARE PRESCRIPTION DRUG - PART D

*PDENROLyr: Medicare Prescription Drug - Part D*

*Contains 12 monthly indicators that detail whether the beneficiary is enrolled in Part D, and if so, what type of plan. There are also monthly indicators for dual eligibility (Medicare and Medicaid), monthly indicators for Retiree Drug Subsidy, and low income subsidy (LIS).*

Variable	Type	Length	Format	Comment
CRDTBL_CVRG_SW	Char	1	\$	Creditable Coverage Switch
CST_SHR_GRP_CD_01	Char	2	\$	Jan. Cost Share Group Code
CST_SHR_GRP_CD_02	Char	2	\$	Feb. Cost Share Group Code
CST_SHR_GRP_CD_03	Char	2	\$	Mar. Cost Share Group Code
CST_SHR_GRP_CD_04	Char	2	\$	Apr. Cost Share Group Code
CST_SHR_GRP_CD_05	Char	2	\$	May Cost Share Group Code
CST_SHR_GRP_CD_06	Char	2	\$	Jun. Cost Share Group Code
CST_SHR_GRP_CD_07	Char	2	\$	Jul. Cost Share Group Code
CST_SHR_GRP_CD_08	Char	2	\$	Aug. Cost Share Group Code
CST_SHR_GRP_CD_09	Char	2	\$	Sep. Cost Share Group Code
CST_SHR_GRP_CD_10	Char	2	\$	Oct. Cost Share Group Code
CST_SHR_GRP_CD_11	Char	2	\$	Nov. Cost Share Group Code
CST_SHR_GRP_CD_12	Char	2	\$	Dec. Cost Share Group Code
DUAL_ELGBL_MOS_NUM	Char	2	\$	Dual Eligible Months Number
DUAL_STUS_CD_01	Char	2	\$	Jan. Dual Status Code
DUAL_STUS_CD_02	Char	2	\$	Feb. Dual Status Code
DUAL_STUS_CD_03	Char	2	\$	Mar. Dual Status Code
DUAL_STUS_CD_04	Char	2	\$	Apr. Dual Status Code
DUAL_STUS_CD_05	Char	2	\$	May Dual Status Code
DUAL_STUS_CD_06	Char	2	\$	Jun. Dual Status Code
DUAL_STUS_CD_07	Char	2	\$	Jul. Dual Status Code
DUAL_STUS_CD_08	Char	2	\$	Aug. Dual Status Code
DUAL_STUS_CD_09	Char	2	\$	Sep. Dual Status Code
DUAL_STUS_CD_10	Char	2	\$	Oct. Dual Status Code
DUAL_STUS_CD_11	Char	2	\$	Nov. Dual Status Code
DUAL_STUS_CD_12	Char	2	\$	Dec. Dual Status Code
PLAN_CVRG_MOS_NUM	Char	2	\$	Plan Coverage Months Number
PTD_CNTRCTID_01	Char	1		Jan Contract Indicator
PTD_CNTRCTID_02	Char	1		Feb Contract Indicator
PTD_CNTRCTID_03	Char	1		Mar Contract Indicator
PTD_CNTRCTID_04	Char	1		Apr Contract Indicator
PTD_CNTRCTID_05	Char	1		May Contract Indicator
PTD_CNTRCTID_06	Char	1		Jun Contract Indicator
PTD_CNTRCTID_07	Char	1		Jul Contract Indicator
PTD_CNTRCTID_08	Char	1		Aug Contract Indicator
PTD_CNTRCTID_09	Char	1		Sep Contract Indicator
PTD_CNTRCTID_10	Char	1		Oct Contract Indicator
PTD_CNTRCTID_11	Char	1		Nov Contract Indicator
PTD_CNTRCTID_12	Char	1		Dec Contract Indicator
RDS_CVRG_MOS_NUM	Char	2	\$	Retiree Drug Subsidy Coverage Months Number
RDS_IND_01	Char	1	\$	Jan. RDS Code - Retiree Drug Subsidy Code
RDS_IND_02	Char	1	\$	Feb. RDS Code - Retiree Drug Subsidy Code
RDS_IND_03	Char	1	\$	Mar. RDS Code - Retiree Drug Subsidy Code
RDS_IND_04	Char	1	\$	Apr. RDS Code - Retiree Drug Subsidy Code
RDS_IND_05	Char	1	\$	May RDS Code - Retiree Drug Subsidy Code
RDS_IND_06	Char	1	\$	Jun. RDS Code - Retiree Drug Subsidy Code
RDS_IND_07	Char	1	\$	Jul. RDS Code - Retiree Drug Subsidy Code
RDS_IND_08	Char	1	\$	Aug. RDS Code - Retiree Drug Subsidy Code
RDS_IND_09	Char	1	\$	Sep. RDS Code - Retiree Drug Subsidy Code
RDS_IND_10	Char	1	\$	Oct. RDS Code - Retiree Drug Subsidy Code
RDS_IND_11	Char	1	\$	Nov. RDS Code - Retiree Drug Subsidy Code
RDS_IND_12	Char	1	\$	Dec. RDS Code - Retiree Drug Subsidy Code
USRDS_ID	Num	8	BEST	USRDS_ID



## MEDICARE PRESCRIPTION DRUG - PART D

### *PDEyrA: Medicare Prescription Drug - Part D*

*Contains details on prescription drug utilization, including brand name, generic name, dosage form, drug strength, quantity dispensed, date of service, and total prescription cost.*

Variable	Type	Length	Format	Comment
BENEFIT_PHASE	Char	2	\$	The benefit phase of the Part D Event
BN	Char	30	\$	Brand Name
CTSTRPHC_CVRG_CD	Char	1	\$	Catastrophic Coverage Code
DAYS_SUPLY_NUM	Num	3		Days Supply
FIVEP_ID	Char	9		Unique Patient Identification Number in 5% Sample Pool
GCDF	Char	2	\$	Dosage Form Code
GCDF_DESC	Char	40	\$	Dosage Form Code Description
GNN	Char	30	\$	Generic Name - Short Version
NDCNUM	Char	19	\$	National Drug Code
PDE_ID	Char	15	\$	Encrypted 723 PDE ID
PRIOR_AUTHORIZATION	Char	2	\$	Whether or Not the Drug Requires Prior Authorization
PTNT_PAY_AMT	Num	8		Patient Pay Amount
QTY_DSPNSD_NUM	Num	8		Quantity Dispensed
QUANTITY_LIMIT_YN	Char	2	\$	Whether or Not the Drug has Quantity Limits
SRVC_DT	Num	4	DATE	RX Service Date (DOS)
STEP	Char	2	\$	Maximum Step Number
STR	Char	10	\$	Drug Strength Description
TIER_ID	Char	2	\$	Medicare Part D Formulary Tier Identifier
TOT_RX_CST_AMT	Num	8		Gross Drug Cost

