

## ESRD Bundled Payment Options

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#### **Note to user:**

Each of the tables beginning with Table 0-6 (for composites services) consists of six pages. These pages display a consistent set of measures, as follows:

The first page displays statistics on payments per month for patients categorized by modality, sex, age, diabetes status, body surface area, and duration of renal replacement therapy.

The second page displays statistics on payments per session for these same categories of patients.

The third page displays statistics on payments per month for patients categorized by type of month and facility characteristics.

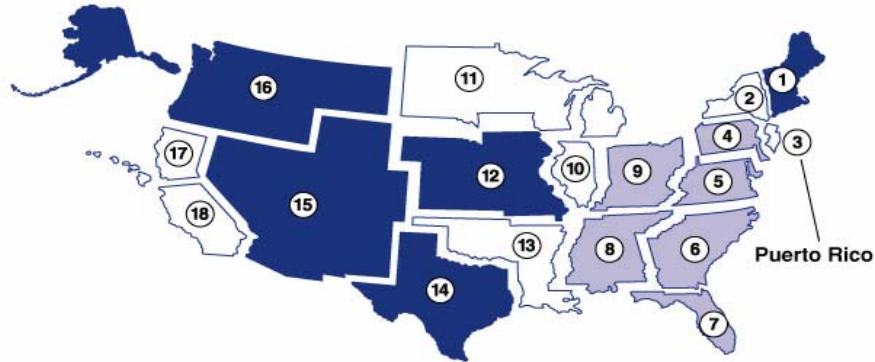
The fourth page displays statistics on payments per session for these same categories of patients.

The fifth page displays statistics on payments per month by renal network.

The sixth page displays statistics on payments per session by renal networks.

## ESRD Bundled Payment Options Index of Data Tables

The following map may be helpful to those not familiar with the states covered by the renal networks.



Source:  
2003 Annual Report  
ESRD Clinical Performance Measures Project



## Key to reading tables

April 1, 2005

### Definition of bundle components and column headings

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:		
					5th	25th	50th	75th	95th		PM	Pts	
<b>Statistic / Components</b>	←	The dependent variable, e.g., sessions, composite rate payments, component payments											
<b>All patients</b>		<b>Per month</b>			<b>Per month</b>								
HD-equivalent sessions	←	Number of HD sessions (for HD patients) or number of PD days multiplied by 3/7 (for PD patients)											
Composite rate services	←	Payment under the composite rate system											
Bundle 1A Total	←	Composite rate payment plus sum of components listed in following rows											
EPO and Aranesp	}	See definitions for Bundle 1A at end of tables.											
Vitamin D													
Iron													
Anemia Labs													
Vitamin D Labs													
Bundle 1B Total	←	Bundle 1A payment (including composite rate) plus sum of components listed in following rows											
Levocarnitine	}	See definitions for Bundle 1B at end of tables.											
Alteplase													
Vancomycin													
Infection Labs													
Carnitine Labs													
Bundle 1C Total	←	Bundle 1B payment (including composite rate) plus sum of components listed in following rows											
Other Injectables	←	Hepatitis B vaccine, flu vaccine, cefazolin, ceftriaxone, cefazidime, heparin sodium and filgrastim.											
Other Labs	←	All other labs billed by the top 10 freestanding providers of laboratory services and not already bundled.											
Bundle 1D Total	←	Bundle 1C payment (including composite rate) plus sum of other facility services											
Other Facility Services	←	All other services billed by dialysis facilities not included in bundles 1A, 1B, or 1C											
Bundle 2A Total	←	Bundle 1D payment (including composite rate) plus MCP payment											
Physician MCP	←	Physician Medicare Capitation Payment											

## Key to reading tables

April 1, 2005

### Definition of bundle components and column headings

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Statistic / Components</b>												
<b>All patients</b>		Per session			Per session							
HD-equivalent sessions												
Composite rate services												
Bundle 1A Total												
EPO and Aranesp												
Vitamin D												
Iron												
Anemia Labs												
Vitamin D Labs												
Bundle 1B Total												
Levocarnitine												
Alteplase												
Vancomycin												
Infection Labs												
Carnitine Labs												
Bundle 1C Total												
Other Injectables												
Other Labs												
Bundle 1D Total												
Other Facility Services												
Bundle 2A Total												
Physician MCP												

Indicates whether statistics in following rows are expressed on a per month or per session basis

% of patients with claims > 0 during year

% of patient months with claims > 0

Interquartile range  
(75th/25th percentile)

Percentiles of dependent variable

Coefficient of variation (SD / Mean)

Standard deviation of dependent variable

Mean value of dependent variable

Number of observations (patient months)

Category	Drug	HCPCS / Revenue Center (RC) <sup>2</sup> Codes
<b>Bundle 1A:<sup>1</sup></b>		
EPO	Epogen Darbepoetin alfa	RC 0634 or 0635, HCPCS Q9920 - Q9940 J0880
Iron	Iron dextran Iron sucrose Sodium ferric gluconate Unclassified	J1750, J1760 <sup>3</sup> J1756, J1755 <sup>3</sup> J2916, J2915 <sup>3</sup> J3490 <sup>4</sup> , W0233 <sup>5</sup> , X0107 <sup>5</sup>
Vitamin D	Calcitrol Doxercalciferol Paricalcitol Calcitonin salmon (indication-specific)	J0636, J0635 <sup>3</sup> J1270 J2501, J2500 <sup>3</sup> , W0237 <sup>5</sup> J0630
<b>Bundle 1B</b>		
	Levocarnitine	J1955
	Alteplase, recombinant	J2997
	Vancomycin	J3370

**Notes**

All bundles: specification of a bundle in terms of specific codes could lead to substitution with other service codes that are not in the bundle.

**Bundle 1B**

1 These three types of injectables accounted for 97.1 percent of Medicare payments to dialysis facilities for injectables during 2003.

2 These are the codes used to identify reimbursement for these injectables based on 2003 Medicare outpatient dialysis facility claims. They are HCPCS codes unless otherwise identified as revenue center codes (this applies to EPO only). Different codes could be used in other years.

3 Although these HCPCS codes were deleted prior to 2003, they continued to appear on paid dialysis facility claims for 2003, in some cases because a grace period extended their use for part of the year.

4 This code is for unclassified drugs, but has been used to bill for iron as codes for new iron products were being developed. This code accounts for less than 0.2 percent of iron payments to dialysis facilities during 2003.

5 These are local codes that were defined by certain fiscal intermediaries. These local codes account for 0.1 percent of iron payments and 0.1 percent of vitamin D payments to dialysis facilities during 2003.

**Bundle 1B**

1 This example (1B) adds to example 1A the only three injectables that were designated for reimbursement based on average acquisition payment amounts that were not included in example 1A, as well as laboratory tests that may be related to the use of these three injectables.

2 Specification by brand names has the potential for clinical substitution of other more profitable/separately billable injectables. Specifying injectables by clinical indication might be a more effective strategy.

3 Together with EPO, iron and vitamin D, the above three injectables accounted for 98.4 percent of Medicare payments to dialysis facilities for injectables during 2003.

# Bundled Drugs and Laboratory Tests

Preliminary - March 11, 2005

HCPCS	Name	Included in bundle:			Use	Notes
		1A	1B	1C		
82607	VITAMIN B-12	X		X	Anemia	1
82608	B-12 BINDING CAPACITY	X		X	Anemia	1
82668	ASSAY OF ERYTHROPOIETIN	X		X	Anemia	1
82728	ASSAY OF FERRITIN	X		X	Anemia	1
82746	BLOOD FOLIC ACID SERUM	X		X	Anemia	1
82747	ASSAY OF FOLIC ACID, RBC	X		X	Anemia	1
82955	ASSAY OF G6PD ENZYME	X		X	Anemia	1
82960	TEST FOR G6PD ENZYME	X		X	Anemia	1
83010	ASSAY OF HAPTOGLOBIN, QUANT	X		X	Anemia	1
83020	HEMOGLOBIN ELECTROPHORESIS	X		X	Anemia	1
83021	HEMOGLOBIN CHROMOTOGRAPHY	X		X	Anemia	1
83030	FETAL HEMOGLOBIN, CHEMICAL	X		X	Anemia	1
83051	ASSAY OF PLASMA HEMOGLOBIN	X		X	Anemia	1
83540	ASSAY OF IRON	X		X	Anemia	1
83550	IRON BINDING TEST	X		X	Anemia	1
84466	ASSAY OF TRANSFERRIN	X		X	Anemia	1
85014	HEMATOCRIT	X		X	Anemia	1, 2
85018	HEMOGLOBIN	X		X	Anemia	1, 2
85041	AUTOMATED RBC COUNT	X		X	Anemia	1
85044	MANUAL RETICULOCYTE COUNT	X		X	Anemia	1
85045	AUTOMATED RETICULOCYTE COUNT	X		X	Anemia	1
85046	RETICYTE/HGB CONCENTRATE	X		X	Anemia	1
85660	RBC SICKLE CELL TEST	X		X	Anemia	1
86340	INTRINSIC FACTOR ANTIBODY	X		X	Anemia	1
86870	RBC ANTIBODY IDENTIFICATION	X		X	Anemia	1
82306	ASSAY OF VITAMIN D	X		X	Vitamin D	1
82308	ASSAY OF CALCITONIN	X		X	Vitamin D	1
82310	ASSAY OF CALCIUM	X		X	Vitamin D	1
82652	ASSAY OF DIHYDROXYVITAMIN D	X		X	Vitamin D	1
82977	ASSAY OF GGT	X		X	Vitamin D	1
83500	ASSAY, FREE HYDROXYPROLINE	X		X	Vitamin D	1
83937	ASSAY OF OSTEOCALCIN	X		X	Vitamin D	1
83970	ASSAY OF PARATHORMONE	X		X	Vitamin D	1
84075	ASSAY ALKALINE PHOSPHATASE	X		X	Vitamin D	1
84080	ASSAY ALKALINE PHOSPHATASES	X		X	Vitamin D	1
84100	ASSAY OF PHOSPHORUS	X		X	Vitamin D	1
80202	ASSAY OF VANCOMYCIN		X	X	Infection	1,2,3
81001	URINALYSIS, AUTO W/SCOPE		X	X	Infection	1,2,3,4
85025	COMPLETE CBC W/AUTO DIFF WBC		X	X	Infection	1,2,3,4
85048	AUTOMATED LEUKOCYTE COUNT		X	X	Infection	1,2,3,4
86317	IMMUNOASSAY,INFECTIOUS AGENT		X	X	Infection	1,2,3,4
86609	BACTERIUM ANTIBODY		X	X	Infection	1,2,3,4
87040	BLOOD CULTURE FOR BACTERIA		X	X	Infection	1,2,3,4
87045	FECES CULTURE, BACTERIA		X	X	Infection	1,2,3,4
87046	STOOL CULTR, BACTERIA, EACH		X	X	Infection	1,2,3,4
87070	CULTURE, BACTERIA, OTHER		X	X	Infection	1,2,3,4
87071	CULTURE BACTERI AEROBIC OTHR		X	X	Infection	1,2,3,4
87073	CULTURE BACTERIA ANAEROBIC		X	X	Infection	1,2,3,4
87076	CULTURE ANAEROBE IDENT, EACH		X	X	Infection	1,2,3,4

Bundle Definitions

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# Bundled Drugs and Laboratory Tests

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HCPCS	Name	Included in bundle:			Use	Notes
		1A	1B	1C		
87077	CULTURE AEROBIC IDENTIFY		X	X	Infection	1,2,3,4
87081	CULTURE SCREEN ONLY		X	X	Infection	1,2,3,4
87086	URINE CULTURE/COLONY COUNT		X	X	Infection	1,2,3,4
87088	URINE BACTERIA CULTURE		X	X	Infection	1,2,3,4
87147	CULTURE TYPE, IMMUNOLOGIC		X	X	Infection	1,2,3,4
87181	MICROBE SUSCEPTIBLE, DIFFUSE		X	X	Infection	1,2,3,4
87184	MICROBE SUSCEPTIBLE, DISK		X	X	Infection	1,2,3,4
87185	MICROBE SUSCEPTIBLE, ENZYME		X	X	Infection	1,2,3,4
87186	MICROBE SUSCEPTIBLE, MIC		X	X	Infection	1,2,3,4
87205	SMEAR, GRAM STAIN		X	X	Infection	1,2,3,4
89050	BODY FLUID CELL COUNT		X	X	Infection	1,2,3,4
82108	ASSAY OF ALUMINUM		X	X	Levocarnitine	1,2,3,4,5
82270	TEST FOR BLOOD, FECES		X	X	Levocarnitine	1,2,3,4,5
82379	ASSAY OF CARNITINE		X	X	Levocarnitine	1,2,3,4,5
82530	CORTISOL, FREE		X	X	Levocarnitine	1,2,3,4,5
85651	RBC SED RATE, NONAUTOMATED		X	X	Levocarnitine	1,2,3,4,5
85652	RBC SED RATE, AUTOMATED		X	X	Levocarnitine	1,2,3,4,5
86140	C-REACTIVE PROTEIN		X	X	Levocarnitine	1,2,3,4,5
86141	C-REACTIVE PROTEIN, HS		X	X	Levocarnitine	1,2,3,4,5
86320	SERUM IMMUNOELECTROPHORESIS		X	X	Levocarnitine	1,2,3,4,5
86850	RBC ANTIBODY SCREEN		X	X	Levocarnitine	1,2,3,4,5
80048	BASIC METABOLIC PANEL			X		
80051	ELECTROLYTE PANEL			X		
80053	COMPREHEN METABOLIC PANEL			X		
80061	LIPID PANEL			X		
80069	RENAL FUNCTION PANEL			X		
80076	HEPATIC FUNCTION PANEL			X		
80100	DRUG SCREEN, QUALITATE/MULTI			X		
80101	DRUG SCREEN, SINGLE			X		
80150	ASSAY OF AMIKACIN			X		
80152	ASSAY OF AMITRIPTYLINE			X		
80154	ASSAY OF BENZODIAZEPINES			X		
80156	ASSAY, CARBAMAZEPINE, TOTAL			X		
80158	ASSAY OF CYCLOSPORINE			X		
80162	ASSAY OF DIGOXIN			X		
80164	ASSAY, DIPROPYLACETIC ACID			X		
80170	ASSAY OF GENTAMICIN			X		
80178	ASSAY OF LITHIUM			X		
80184	ASSAY OF PHENOBARBITAL			X		
80185	ASSAY OF PHENYTOIN, TOTAL			X		
80186	ASSAY OF PHENYTOIN, FREE			X		
80188	ASSAY OF PRIMIDONE			X		
80190	ASSAY OF PROCAINAMIDE			X		
80194	ASSAY OF QUINIDINE			X		
80196	ASSAY OF SALICYLATE			X		
80197	ASSAY OF TACROLIMUS			X		
80198	ASSAY OF THEOPHYLLINE			X		
80200	ASSAY OF TOBRAMYCIN			X		
80299	QUANTITATIVE ASSAY, DRUG			X		

# Bundled Drugs and Laboratory Tests

Preliminary - March 11, 2005

HCPCS	Name	Included in bundle:			Use	Notes
		1A	1B	1C		
81000	URINALYSIS, NONAUTO W/SCOPE			X		
81003	URINALYSIS, AUTO, W/O SCOPE			X		
81015	MICROSCOPIC EXAM OF URINE			X		
82003	ASSAY OF ACETAMINOPHEN			X		
82024	ASSAY OF ACTH			X		
82040	ASSAY OF SERUM ALBUMIN			X		
82042	ASSAY OF URINE ALBUMIN			X		
82043	MICROALBUMIN, QUANTITATIVE			X		
82055	ASSAY OF ETHANOL			X		
82085	ASSAY OF ALDOLASE			X		
82088	ASSAY OF ALDOSTERONE			X		
82103	ALPHA-1-ANTITRYPSIN, TOTAL			X		
82104	ALPHA-1-ANTITRYPSIN, PHENO			X		
82105	ALPHA-FETOPROTEIN, SERUM			X		
82128	AMINO ACIDS, MULT QUAL			X		
82131	AMINO ACIDS, SINGLE QUANT			X		
82140	ASSAY OF AMMONIA			X		
82145	ASSAY OF AMPHETAMINES			X		
82150	ASSAY OF AMYLASE			X		
82157	ASSAY OF ANDROSTENEDIONE			X		
82164	ANGIOTENSIN I ENZYME TEST			X		
82172	ASSAY OF APOLIPOPROTEIN			X		
82180	ASSAY OF ASCORBIC ACID			X		
82232	ASSAY OF BETA-2 PROTEIN			X		
82247	BILIRUBIN, TOTAL			X		
82248	BILIRUBIN, DIRECT			X		
82252	FECAL BILIRUBIN TEST			X		
82300	ASSAY OF CADMIUM			X		
82340	ASSAY OF CALCIUM IN URINE			X		
82365	CALCULUS SPECTROSCOPY			X		
82374	ASSAY, BLOOD CARBON DIOXIDE			X		
82378	CARCINOEMBRYONIC ANTIGEN			X		
82384	ASSAY, THREE CATECHOLAMINES			X		
82390	ASSAY OF CERULOPLASMIN			X		
82435	ASSAY OF BLOOD CHLORIDE			X		
82436	ASSAY OF URINE CHLORIDE			X		
82465	ASSAY, BLD/SERUM CHOLESTEROL			X		
82491	CHROMOTOGRAPHY, QUANT, SING			X		
82492	CHROMOTOGRAPHY, QUANT, MULT			X		
82520	ASSAY OF COCAINE			X		
82525	ASSAY OF COPPER			X		
82533	TOTAL CORTISOL			X		
82542	COLUMN CHROMOTOGRAPHY, QUANT			X		
82550	ASSAY OF CK (CPK)			X		
82552	ASSAY OF CPK IN BLOOD			X		
82565	ASSAY OF CREATININE			X		
82570	ASSAY OF URINE CREATININE			X		
82575	CREATININE CLEARANCE TEST			X		
82626	DEHYDROEPIANDROSTERONE			X		



# Bundled Drugs and Laboratory Tests

Preliminary - March 11, 2005

HCPCS	Name	Included in bundle:			Use	Notes
		1A	1B	1C		
82670	ASSAY OF ESTRADIOL			X		
82672	ASSAY OF ESTROGEN			X		
82679	ASSAY OF ESTRONE			X		
82784	ASSAY OF GAMMAGLOBULIN IGM			X		
82785	ASSAY OF GAMMAGLOBULIN IGE			X		
82787	IGG 1, 2, 3 OR 4, EACH			X		
82941	ASSAY OF GASTRIN			X		
82945	GLUCOSE OTHER FLUID			X		
82947	ASSAY, GLUCOSE, BLOOD QUANT			X		
82950	GLUCOSE TEST			X		
82951	GLUCOSE TOLERANCE TEST (GTT)			X		
82952	GTT-ADDED SAMPLES			X		
82985	GLYCATED PROTEIN			X		
83001	GONADOTROPIN (FSH)			X		
83002	GONADOTROPIN (LH)			X		
83036	GLYCATED HEMOGLOBIN TEST			X		
83050	BLOOD METHEMOGLOBIN ASSAY			X		
83090	ASSAY OF HOMOCYSTINE			X		
83519	IMMUNOASSAY, NONANTIBODY			X		
83520	IMMUNOASSAY, RIA			X		
83525	ASSAY OF INSULIN			X		
83615	LACTATE (LD) (LDH) ENZYME			X		
83625	ASSAY OF LDH ENZYMES			X		
83655	ASSAY OF LEAD			X		
83690	ASSAY OF LIPASE			X		
83715	ASSAY OF BLOOD LIPOPROTEINS			X		
83718	ASSAY OF LIPOPROTEIN			X		
83719	ASSAY OF BLOOD LIPOPROTEIN			X		
83735	ASSAY OF MAGNESIUM			X		
83825	ASSAY OF MERCURY			X		
83840	ASSAY OF METHADONE			X		
83872	ASSAY SYNOVIAL FLUID MUCIN			X		
83874	ASSAY OF MYOGLOBIN			X		
83890	MOLECULE ISOLATE			X		
83892	MOLECULAR DIAGNOSTICS			X		
83898	MOLECULE NUCLEIC AMPLI			X		
83912	GENETIC EXAMINATION			X		
83915	ASSAY OF NUCLEOTIDASE			X		
83925	ASSAY OF OPIATES			X		
83935	ASSAY OF URINE OSMOLALITY			X		
83986	ASSAY OF BODY FLUID ACIDITY			X		
84022	ASSAY OF PHENOTHIAZINE			X		
84060	ASSAY ACID PHOSPHATASE			X		
84066	ASSAY PROSTATE PHOSPHATASE			X		
84132	ASSAY OF SERUM POTASSIUM			X		
84133	ASSAY OF URINE POTASSIUM			X		
84134	ASSAY OF PREALBUMIN			X		
84144	ASSAY OF PROGESTERONE			X		
84146	ASSAY OF PROLACTIN			X		

# Bundled Drugs and Laboratory Tests

Preliminary - March 11, 2005

HCPCS	Name	Included in bundle:			Use	Notes
		1A	1B	1C		
84152	ASSAY OF PSA, COMPLEXED			X		
84153	ASSAY OF PSA, TOTAL			X		
84154	ASSAY OF PSA, FREE			X		
84155	ASSAY OF PROTEIN			X		
84165	ASSAY OF SERUM PROTEINS			X		
84207	ASSAY OF VITAMIN B-6			X		
84238	ASSAY, NONENDOCRINE RECEPTOR			X		
84244	ASSAY OF RENIN			X		
84275	ASSAY OF SIALIC ACID			X		
84295	ASSAY OF SERUM SODIUM			X		
84300	ASSAY OF URINE SODIUM			X		
84311	SPECTROPHOTOMETRY			X		
84402	ASSAY OF TESTOSTERONE			X		
84403	ASSAY OF TOTAL TESTOSTERONE			X		
84425	ASSAY OF VITAMIN B-1			X		
84432	ASSAY OF THYROGLOBULIN			X		
84436	ASSAY OF TOTAL THYROXINE			X		
84439	ASSAY OF FREE THYROXINE			X		
84442	ASSAY OF THYROID ACTIVITY			X		
84443	ASSAY THYROID STIM HORMONE			X		
84445	ASSAY OF TSI			X		
84446	ASSAY OF VITAMIN E			X		
84450	TRANSFERASE (AST) (SGOT)			X		
84460	ALANINE AMINO (ALT) (SGPT)			X		
84478	ASSAY OF TRIGLYCERIDES			X		
84479	ASSAY OF THYROID (T3 OR T4)			X		
84480	ASSAY, TRIIODOTHYRONINE (T3)			X		
84481	FREE ASSAY (FT-3)			X		
84482	T3 REVERSE			X		
84520	ASSAY OF UREA NITROGEN			X		
84540	ASSAY OF URINE/UREA-N			X		
84545	UREA-N CLEARANCE TEST			X		
84550	ASSAY OF BLOOD/URIC ACID			X		
84560	ASSAY OF URINE/URIC ACID			X		
84630	ASSAY OF ZINC			X		
84681	ASSAY OF C-PEPTIDE			X		
84702	CHORIONIC GONADOTROPIN TEST			X		
84703	CHORIONIC GONADOTROPIN ASSAY			X		
85007	BL SMEAR W/DIFF WBC COUNT			X		
85021	AUTOMATED HEMOGRAM			X		*
85027	COMPLETE CBC, AUTOMATED			X		
85210	BLOOD CLOT FACTOR II TEST			X		
85240	BLOOD CLOT FACTOR VIII TEST			X		
85300	ANTITHROMBIN III TEST			X		
85302	BLOOD CLOT INHIBITOR ANTIGEN			X		
85303	BLOOD CLOT INHIBITOR TEST			X		
85305	BLOOD CLOT INHIBITOR ASSAY			X		
85335	FACTOR INHIBITOR TEST			X		
85384	FIBRINOGEN			X		

# Bundled Drugs and Laboratory Tests

Preliminary - March 11, 2005

HCPCS	Name	Included in bundle:			Use	Notes
		1A	1B	1C		
85441	HEINZ BODIES, DIRECT			X		
85585	BLOOD PLATELET ESTIMATION			X		*
85595	PLATELET COUNT, AUTOMATED			X		*
85610	PROTHROMBIN TIME			X		
85613	RUSSELL VIPER VENOM, DILUTED			X		
85730	THROMBOPLASTIN TIME, PARTIAL			X		
86000	AGGLUTININS, FEBRILE			X		
86021	WBC ANTIBODY IDENTIFICATION			X		
86022	PLATELET ANTIBODIES			X		
86038	ANTINUCLEAR ANTIBODIES			X		
86039	ANTINUCLEAR ANTIBODIES (ANA)			X		
86060	ANTISTREPTOLYSIN O, TITER			X		
86063	ANTISTREPTOLYSIN O, SCREEN			X		
86147	CARDIOLIPIN ANTIBODY			X		
86148	PHOSPHOLIPID ANTIBODY			X		
86156	COLD AGGLUTININ, SCREEN			X		
86160	COMPLEMENT, ANTIGEN			X		
86161	COMPLEMENT/FUNCTION ACTIVITY			X		
86162	COMPLEMENT, TOTAL (CH50)			X		
86225	DNA ANTIBODY			X		
86235	NUCLEAR ANTIGEN ANTIBODY			X		
86255	FLUORESCENT ANTIBODY, SCREEN			X		
86256	FLUORESCENT ANTIBODY, TITER			X		
86280	HEMAGGLUTINATION INHIBITION			X		
86300	IMMUNOASSAY, TUMOR CA 15-3			X		
86304	IMMUNOASSAY, TUMOR, CA 125			X		
86308	HETEROPHILE ANTIBODIES			X		
86316	IMMUNOASSAY, TUMOR OTHER			X		
86325	OTHER IMMUNOELECTROPHORESIS			X		
86329	IMMUNODIFFUSION			X		
86334	IMMUNOFIXATION PROCEDURE			X		
86359	T CELLS, TOTAL COUNT			X		
86360	T CELL, ABSOLUTE COUNT/RATIO			X		
86376	MICROSOMAL ANTIBODY			X		
86382	NEUTRALIZATION TEST, VIRAL			X		
86430	RHEUMATOID FACTOR TEST			X		
86431	RHEUMATOID FACTOR, QUANT			X		
86592	BLOOD SEROLOGY, QUALITATIVE			X		
86593	BLOOD SEROLOGY, QUANTITATIVE			X		
86617	LYME DISEASE ANTIBODY			X		
86632	CHLAMYDIA IGM ANTIBODY			X		
86635	COCCIDIOIDES ANTIBODY			X		
86644	CMV ANTIBODY			X		
86645	CMV ANTIBODY, IGM			X		
86663	EPSTEIN-BARR ANTIBODY			X		
86674	GIARDIA LAMBLIA ANTIBODY			X		
86677	HELICOBACTER PYLORI			X		
86689	HTLV/HIV CONFIRMATORY TEST			X		
86692	HEPATITIS, DELTA AGENT			X		

# Bundled Drugs and Laboratory Tests

Preliminary - March 11, 2005

HCPCS	Name	Included in bundle:			Use	Notes
		1A	1B	1C		
86695	HERPES SIMPLEX TEST			X		
86696	HERPES SIMPLEX TYPE 2			X		
86698	HISTOPLASMA			X		
86701	HIV-1			X		
86703	HIV-1/HIV-2, SINGLE ASSAY			X		
86704	HEP B CORE ANTIBODY, TOTAL			X		
86705	HEP B CORE ANTIBODY, IGM			X		
86706	HEP B SURFACE ANTIBODY			X		
86707	HEP BE ANTIBODY			X		
86708	HEP A ANTIBODY, TOTAL			X		
86709	HEP A ANTIBODY, IGM			X		
86713	LEGIONELLA ANTIBODY			X		
86735	MUMPS ANTIBODY			X		
86738	MYCOPLASMA ANTIBODY			X		
86747	PARVOVIRUS ANTIBODY			X		
86762	RUBELLA ANTIBODY			X		
86765	RUBEOLA ANTIBODY			X		
86777	TOXOPLASMA ANTIBODY			X		
86778	TOXOPLASMA ANTIBODY, IGM			X		
86781	TREPONEMA PALLIDUM, CONFIRM			X		
86787	VARICELLA-ZOSTER ANTIBODY			X		
86790	VIRUS ANTIBODY NOS			X		
86800	THYROGLOBULIN ANTIBODY			X		
86803	HEPATITIS C AB TEST			X		
86804	HEP C AB TEST, CONFIRM			X		
86900	BLOOD TYPING, ABO			X		
86901	BLOOD TYPING, RH (D)			X		
87015	SPECIMEN CONCENTRATION			X		
87101	SKIN FUNGI CULTURE			X		
87102	FUNGUS ISOLATION CULTURE			X		
87103	BLOOD FUNGUS CULTURE			X		
87106	FUNGI IDENTIFICATION, YEAST			X		
87116	MYCOBACTERIA CULTURE			X		
87166	DARK FIELD EXAMINATION			X		
87177	OVA AND PARASITES SMEARS			X		
87206	SMEAR, FLUORESCENT/ACID STAI			X		
87207	SMEAR, SPECIAL STAIN			X		
87210	SMEAR, WET MOUNT, SALINE/INK			X		
87220	TISSUE EXAM FOR FUNGI			X		
87324	CLOSTRIDIUM AG, EIA			X		
87340	HEPATITIS B SURFACE AG, EIA			X		
87341	HEPATITIS B SURFACE, AG, EIA			X		
87350	HEPATITIS BE AG, EIA			X		
87450	AG DETECT NOS, EIA, SINGLE			X		
87496	CYTOMEG, DNA, AMP PROBE			X		
87515	HEPATITIS B, DNA, DIR PROBE			X		
87517	HEPATITIS B, DNA, QUANT			X		
87522	HEPATITIS C, RNA, QUANT			X		
87535	HIV-1, DNA, AMP PROBE			X		

## Bundled Drugs and Laboratory Tests

Preliminary - March 11, 2005

HCPCS	Name	Included in bundle:			Use	Notes
		1A	1B	1C		
87621	HPV, DNA, AMP PROBE			X		
87798	DETECT AGENT NOS, DNA, AMP			X		
88107	CYTOPATHOLOGY, FLUIDS			X		
88108	CYTOPATH, CONCENTRATE TECH			X		
88161	CYTOPATH SMEAR, OTHER SOURCE			X		
88180	CELL MARKER STUDY			X		
88302	TISSUE EXAM BY PATHOLOGIST			X		
88312	SPECIAL STAINS			X		
88321	MICROSLIDE CONSULTATION			X		
88346	IMMUNOFLUORESCENT STUDY			X		
89060	EXAM, SYNOVIAL FLUID CRYSTALS			X		
89190	NASAL SMEAR FOR EOSINOPHILS			X		

HCPCS Name	Included in bundle:			Use	Notes
	1A	1B	1C		

## Notes

### All bundles

Note: specification of a bundle in terms of specific codes could lead to substitution with other service codes that are not in the bundle.

### Bundle 1A

1 These laboratory tests accounted for 66.1 percent of Medicare payments to the top 10 freestanding laboratory providers of laboratory services for dialysis patients in 2002.

2 Listed among the composite rate services, but might be billed separately if justified, or might be from the 50/50 rule. Other codes might also be so classified.

### Bundle 1B

1 This example (1B) adds to example 1A the only three injectables that were designated for reimbursement based on average acquisition payment amounts that were not included in example 1A, as well as laboratory tests that may be related to the use of these three injectables.

2 Specification by brand names has the potential for clinical substitution of other more profitable/separately billable injectables. Specifying injectables by clinical indication might be a more effective strategy.

3 Together with the laboratory tests in example 1A, the tests above accounted for 75.4 percent of Medicare payments to the top 10 freestanding laboratory providers of laboratory services for dialysis patients in 2002.

4 These lab tests do not have an exclusive relationship with the use of levocarnitine or vancomycin, since they can be prescribed for multiple indications.

5 The laboratory tests that are shown here as possibly being related to the use of levocarnitine do not include those that were already identified for inclusion in example 1A.

### Bundle 1C

1 We are in the process of updating this list of laboratory tests using 2003 carrier claims. Analyses of the consistency and frequency of use of these laboratory tests among both patients and facilities are under development.

2 This list includes all laboratory services for which the top 10 laboratory providers were reimbursed by Medicare. The top 10 laboratory providers are those receiving the highest aggregate payments for laboratory services during 2002.

\* These codes were deleted in 2003.

**Alternative Bundle Definitions & Components**  
Includes both HD and PD Patients

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
All patients		Per month			Per month							
HD-equivalent sessions	2,616,750	12.10	2.36	0.20	7.00	12.00	13.00	13.00	14.00	1.08		
Composite rate services	2,616,750	1,562.54	319.33	0.20	881.69	1,501.35	1,625.58	1,730.63	1,877.61	1.15	100	100
Bundle 1A Total	2,616,750	2,643.96	1,009.14	0.38	1,438.64	2,065.08	2,483.84	3,047.08	4,386.93	1.48	100	100
EPO and Aranesp	2,616,750	701.51	768.66	1.10	0.00	220.00	488.00	925.00	2,100.00	4.20	93	98
Vitamin D	2,616,750	186.52	302.32	1.62	0.00	0.00	100.40	301.08	652.60		60	73
Iron	2,616,750	131.22	216.69	1.65	0.00	0.00	40.85	198.00	528.00		52	85
Anemia Labs	2,616,750	27.88	20.62	0.74	0.00	17.17	26.85	40.29	57.88	2.35	78	96
Vitamin D Labs	2,616,750	34.28	33.88	0.99	0.00	0.00	55.60	57.67	79.51		63	94
Bundle 1B Total	2,616,750	2,674.34	1,023.92	0.38	1,462.83	2,083.85	2,508.91	3,082.29	4,447.93	1.48	100	100
Levocarnitine	2,616,750	8.02	76.67	9.56	0.00	0.00	0.00	0.00	0.00		2	4
Alteplase	2,616,750	7.25	87.18	12.02	0.00	0.00	0.00	0.00	0.00		2	11
Vancomycin	2,616,750	2.16	15.89	7.36	0.00	0.00	0.00	0.00	10.81		5	25
Infection Labs	2,616,750	6.23	20.31	3.26	0.00	0.00	0.00	0.00	36.19		22	73
Carnitine Labs	2,616,750	6.73	14.17	2.11	0.00	0.00	0.00	0.00	35.60		20	76
Bundle 1C Total	2,616,750	2,720.75	1,030.35	0.38	1,507.81	2,123.74	2,553.44	3,131.84	4,507.17	1.47	100	100
Other Injectables	2,616,750	10.36	58.61	5.66	0.00	0.00	0.00	0.00	110.93		14	66
Other Labs	2,616,750	36.05	52.93	1.47	0.00	12.98	21.71	46.76	110.94	3.60	81	98
Bundle 1D Total	2,616,750	2,737.55	1,044.49	0.38	1,515.46	2,133.01	2,566.79	3,150.71	4,546.29	1.48	100	100
Other Facility Services	2,616,750	16.80	110.73	6.59	0.00	0.50	5.50	8.50	54.34	17.00	81	96
Bundle 2A Total	2,616,750	2,970.14	1,062.80	0.36	1,681.68	2,369.05	2,810.49	3,396.89	4,792.57	1.43	100	100
Physician MCP	2,616,750	232.59	73.07	0.31	18.10	239.01	251.65	267.18	290.40	1.12	95	97

**Alternative Bundle Definitions & Components**  
Includes both HD and PD Patients

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
All patients		Per session			Per session							
HD-equivalent sessions	2,616,750	12.10	2.36	0.20	7.00	12.00	13.00	13.00	14.00	1.08		
Composite rate services	2,616,750	129.59	31.09	0.24	120.61	122.82	127.88	135.28	143.00	1.10	100	100
Bundle 1A Total	2,616,750	221.63	94.20	0.43	139.20	171.22	202.79	248.65	362.09	1.45	100	100
EPO and Aranesp	2,616,750	60.15	74.83	1.24	0.00	19.17	41.15	80.00	183.08	4.17	93	98
Vitamin D	2,616,750	15.32	24.87	1.62	0.00	0.00	9.32	25.09	50.20		60	73
Iron	2,616,750	11.06	19.05	1.72	0.00	0.00	3.14	17.51	44.00		52	85
Anemia Labs	2,616,750	2.49	3.07	1.23	0.00	1.32	2.21	3.36	5.76	2.55	78	96
Vitamin D Labs	2,616,750	3.03	4.11	1.36	0.00	0.00	3.84	4.84	7.88		63	94
Bundle 1B Total	2,616,750	224.44	96.27	0.43	140.30	172.81	205.08	252.07	368.30	1.46	100	100
Levocarnitine	2,616,750	0.66	6.69	10.14	0.00	0.00	0.00	0.00	0.00		2	4
Alteplase	2,616,750	0.66	9.30	14.09	0.00	0.00	0.00	0.00	0.00		2	11
Vancomycin	2,616,750	0.20	1.67	8.35	0.00	0.00	0.00	0.00	1.00		5	25
Infection Labs	2,616,750	0.67	4.48	6.69	0.00	0.00	0.00	0.00	3.33		22	73
Carnitine Labs	2,616,750	0.62	1.75	2.82	0.00	0.00	0.00	0.00	2.97		20	76
Bundle 1C Total	2,616,750	229.03	99.22	0.43	143.07	176.12	209.03	257.09	376.21	1.46	100	100
Other Injectables	2,616,750	0.89	5.55	6.24	0.00	0.00	0.00	0.00	8.53		14	66
Other Labs	2,616,750	3.69	13.12	3.56	0.00	1.00	1.83	3.90	10.81	3.90	81	98
Bundle 1D Total	2,616,750	230.89	114.97	0.50	143.37	176.90	210.12	258.63	379.64	1.46	100	100
Other Facility Services	2,616,750	1.87	31.24	16.71	0.00	0.04	0.48	0.68	4.50	17.00	81	96
Bundle 2A Total	2,616,750	250.51	117.75	0.47	161.64	196.10	229.70	278.47	400.65	1.42	100	100
Physician MCP	2,616,750	19.62	10.22	0.52	6.37	18.48	19.67	21.37	25.34	1.16	95	97



**Alternative Bundle Definitions & Components**  
**PD Patients only**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
PD patients only		Per month			Per month							
HD-equivalent sessions	146,799	12.59	2.30	0.18	8.14	12.86	13.29	13.29	13.86	1.03		
Composite rate services	146,799	1,601.42	292.36	0.18	1,054.43	1,571.43	1,640.26	1,732.90	1,834.01	1.10	100	100
Bundle 1A Total	146,799	2,036.17	679.86	0.33	1,269.14	1,701.40	1,893.44	2,265.75	3,195.97	1.33	100	100
EPO and Aranesp	146,799	368.09	563.31	1.53	0.00	0.00	200.00	552.00	1,400.00		60	85
Vitamin D	146,799	2.16	25.26	11.69	0.00	0.00	0.00	0.00	0.00		2	6
Iron	146,799	14.92	155.31	10.41	0.00	0.00	0.00	0.00	81.70		9	26
Anemia Labs	146,799	24.39	20.49	0.84	0.00	0.00	21.26	40.29	51.51		71	92
Vitamin D Labs	146,799	25.19	31.19	1.24	0.00	0.00	0.00	57.67	62.71		46	88
Bundle 1B Total	146,799	2,051.02	682.14	0.33	1,288.99	1,712.19	1,908.36	2,281.81	3,217.93	1.33	100	100
Levocarnitine	146,799	0.11	6.87	62.45	0.00	0.00	0.00	0.00	0.00		0	0
Alteplase	146,799	0.37	13.25	35.81	0.00	0.00	0.00	0.00	0.00		0	1
Vancomycin	146,799	1.62	11.92	7.36	0.00	0.00	0.00	0.00	0.00		4	19
Infection Labs	146,799	7.87	21.14	2.69	0.00	0.00	0.00	10.86	43.44		31	74
Carnitine Labs	146,799	4.88	12.15	2.49	0.00	0.00	0.00	0.00	35.60		15	57
Bundle 1C Total	146,799	2,093.39	688.18	0.33	1,333.60	1,745.20	1,955.03	2,327.63	3,272.78	1.33	100	100
Other Injectables	146,799	7.29	39.02	5.35	0.00	0.00	0.00	0.00	50.94		11	52
Other Labs	146,799	35.08	54.13	1.54	0.00	5.49	21.19	45.76	112.83	8.34	76	95
Bundle 1D Total	146,799	2,100.83	709.56	0.34	1,339.06	1,746.27	1,958.15	2,335.11	3,298.61	1.34	100	100
Other Facility Services	146,799	7.44	146.49	19.69	0.00	0.00	0.00	0.00	7.50		27	73
Bundle 2A Total	146,799	2,325.59	725.84	0.31	1,492.03	1,977.52	2,199.90	2,573.82	3,530.60	1.30	100	100
Physician MCP	146,799	224.76	81.86	0.36	0.00	237.34	249.58	261.55	284.93	1.10	91	94

**Alternative Bundle Definitions & Components**  
**PD Patients only**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
PD patients only		Per session			Per session							
HD-equivalent sessions	146,799	12.59	2.30	0.18	8.14	12.86	13.29	13.29	13.86	1.03		
Composite rate services	146,799	128.06	15.78	0.12	117.77	122.44	127.30	132.19	139.23	1.08	100	100
Bundle 1A Total	146,799	165.10	86.33	0.52	122.12	132.39	146.90	177.08	259.55	1.34	100	100
EPO and Aranesp	146,799	31.30	78.30	2.50	0.00	0.00	15.05	44.44	120.43		60	85
Vitamin D	146,799	0.20	3.36	16.80	0.00	0.00	0.00	0.00	0.00		2	6
Iron	146,799	1.30	14.57	11.21	0.00	0.00	0.00	0.00	6.35		9	26
Anemia Labs	146,799	2.09	3.44	1.65	0.00	0.00	1.65	3.13	4.63		71	92
Vitamin D Labs	146,799	2.16	4.32	2.00	0.00	0.00	0.00	4.34	5.78		46	88
Bundle 1B Total	146,799	166.49	87.30	0.52	122.29	133.62	148.52	178.67	261.81	1.34	100	100
Levocarnitine	146,799	0.01	0.53	53.00	0.00	0.00	0.00	0.00	0.00		0	0
Alteplase	146,799	0.04	2.43	60.75	0.00	0.00	0.00	0.00	0.00		0	1
Vancomycin	146,799	0.14	1.43	10.21	0.00	0.00	0.00	0.00	0.00		4	19
Infection Labs	146,799	0.77	3.87	5.03	0.00	0.00	0.00	0.82	3.75		31	74
Carnitine Labs	146,799	0.43	1.61	3.74	0.00	0.00	0.00	0.00	2.77		15	57
Bundle 1C Total	146,799	170.63	92.47	0.54	123.35	136.43	152.84	183.28	268.33	1.34	100	100
Other Injectables	146,799	0.62	3.99	6.44	0.00	0.00	0.00	0.00	4.24		11	52
Other Labs	146,799	3.52	18.47	5.25	0.00	0.44	1.70	3.67	10.20	8.34	76	95
Bundle 1D Total	146,799	171.48	95.12	0.55	123.37	136.51	153.01	183.68	271.65	1.35	100	100
Other Facility Services	146,799	0.85	14.00	16.47	0.00	0.00	0.00	0.00	0.60		27	73
Bundle 2A Total	146,799	190.23	102.38	0.54	137.15	154.56	171.64	202.33	291.12	1.31	100	100
Physician MCP	146,799	18.75	18.01	0.96	0.00	18.37	19.19	20.30	22.67	1.11	91	94

**Alternative Bundle Definitions & Components**  
**HD Patients only**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
HD patients only		Per month			Per month							
HD-equivalent sessions	2,467,523	12.08	2.35	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Composite rate services	2,467,523	1,559.97	319.45	0.20	875.45	1,496.34	1,624.15	1,730.63	1,885.31	1.16	100	100
Bundle 1A Total	2,467,523	2,680.17	1,013.65	0.38	1,452.22	2,105.66	2,518.50	3,081.25	4,430.23	1.46	100	100
EPO and Aranesp	2,467,523	721.46	774.65	1.07	0.00	240.00	505.00	953.00	2,150.00	3.97	95	99
Vitamin D	2,467,523	197.63	307.73	1.56	0.00	0.00	125.44	301.20	652.60		64	77
Iron	2,467,523	138.20	217.90	1.58	0.00	0.00	66.00	204.25	528.00		54	88
Anemia Labs	2,467,523	28.08	20.61	0.73	0.00	17.17	26.85	40.29	58.13	2.35	79	96
Vitamin D Labs	2,467,523	34.82	33.95	0.98	0.00	0.00	57.67	57.67	79.51		64	94
Bundle 1B Total	2,467,523	2,711.46	1,028.57	0.38	1,476.68	2,125.20	2,544.14	3,117.32	4,493.09	1.47	100	100
Levocarnitine	2,467,523	8.50	78.91	9.28	0.00	0.00	0.00	0.00	0.00		2	4
Alteplase	2,467,523	7.65	89.64	11.72	0.00	0.00	0.00	0.00	0.00		3	11
Vancomycin	2,467,523	2.19	16.10	7.35	0.00	0.00	0.00	0.00	14.06		5	26
Infection Labs	2,467,523	6.12	20.25	3.31	0.00	0.00	0.00	0.00	35.49		21	73
Carnitine Labs	2,467,523	6.83	14.27	2.09	0.00	0.00	0.00	0.00	35.60		21	76
Bundle 1C Total	2,467,523	2,758.10	1,034.95	0.38	1,523.43	2,165.20	2,589.00	3,166.90	4,552.44	1.46	100	100
Other Injectables	2,467,523	10.54	59.57	5.65	0.00	0.00	0.00	0.00	110.93		14	66
Other Labs	2,467,523	36.10	52.85	1.46	0.00	12.98	21.71	46.80	110.76	3.61	82	98
Bundle 1D Total	2,467,523	2,774.36	1,046.80	0.38	1,530.88	2,174.97	2,602.59	3,185.39	4,588.20	1.46	100	100
Other Facility Services	2,467,523	16.27	96.78	5.95	0.00	1.00	6.00	8.50	55.00	8.50	84	98
Bundle 2A Total	2,467,523	3,007.46	1,065.21	0.35	1,700.45	2,412.04	2,846.53	3,431.66	4,834.67	1.42	100	100
Physician MCP	2,467,523	233.10	72.44	0.31	27.53	239.01	251.65	267.18	291.15	1.12	96	97

**Alternative Bundle Definitions & Components**  
**HD Patients only**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
HD patients only		Per session			Per session							
HD-equivalent sessions	2,467,523	12.08	2.35	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Composite rate services	2,467,523	129.14	8.43	0.07	120.61	122.82	127.88	135.28	143.00	1.10	100	100
Bundle 1A Total	2,467,523	224.26	84.22	0.38	144.62	174.52	205.68	251.34	364.42	1.44	100	100
EPO and Aranesp	2,467,523	61.72	72.96	1.18	0.00	20.00	43.05	80.91	185.00	4.05	95	99
Vitamin D	2,467,523	16.22	25.24	1.56	0.00	0.00	10.04	25.10	50.20		64	77
Iron	2,467,523	11.63	18.93	1.63	0.00	0.00	5.08	18.85	45.51		54	88
Anemia Labs	2,467,523	2.51	2.97	1.18	0.00	1.36	2.24	3.36	5.76	2.47	79	96
Vitamin D Labs	2,467,523	3.07	4.01	1.31	0.00	0.00	4.12	5.00	8.03		64	94
Bundle 1B Total	2,467,523	227.15	86.27	0.38	145.74	176.19	208.08	254.87	370.78	1.45	100	100
Levocarnitine	2,467,523	0.70	6.87	9.81	0.00	0.00	0.00	0.00	0.00		2	4
Alteplase	2,467,523	0.69	9.38	13.59	0.00	0.00	0.00	0.00	0.00		3	11
Vancomycin	2,467,523	0.21	1.64	7.81	0.00	0.00	0.00	0.00	1.00		5	26
Infection Labs	2,467,523	0.66	4.49	6.80	0.00	0.00	0.00	0.00	3.30		21	73
Carnitine Labs	2,467,523	0.63	1.73	2.75	0.00	0.00	0.00	0.00	2.97		21	76
Bundle 1C Total	2,467,523	231.73	88.93	0.38	148.41	179.51	212.07	259.91	378.71	1.45	100	100
Other Injectables	2,467,523	0.90	5.54	6.16	0.00	0.00	0.00	0.00	8.53		14	66
Other Labs	2,467,523	3.68	12.66	3.44	0.00	1.02	1.83	3.91	10.80	3.83	82	98
Bundle 1D Total	2,467,523	233.15	90.33	0.39	148.87	180.36	213.20	261.46	381.97	1.45	100	100
Other Facility Services	2,467,523	1.41	9.38	6.65	0.00	0.08	0.50	0.69	4.54	8.63	84	98
Bundle 2A Total	2,467,523	252.77	91.58	0.36	167.34	199.64	232.76	281.32	402.92	1.41	100	100
Physician MCP	2,467,523	19.62	8.94	0.46	8.04	18.52	19.67	21.46	25.39	1.16	96	97

**Alternative Bundle Definitions & Components**  
**HD Patients only**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
HD only / Full month		Per month			Per month							
HD-equivalent sessions	1,794,747	13.03	0.73	0.06	12.00	13.00	13.00	13.00	14.00	1.00	2.14	
Composite rate services	1,794,747	1,682.28	144.40	0.09	1,471.14	1,578.90	1,671.74	1,764.63	1,913.16	1.12		
Bundle 1A Total	1,794,747	2,828.00	943.04	0.33	1,850.13	2,228.78	2,611.28	3,163.27	4,523.86	1.42		
EPO and Aranesp	1,794,747	723.08	779.85	1.08	0.00	240.00	506.00	950.00	2,160.00	3.96		
Vitamin D	1,794,747	215.89	326.80	1.51	0.00	0.00	140.26	326.30	662.64			
Iron	1,794,747	143.03	223.20	1.56	0.00	0.00	66.00	245.10	562.01			
Anemia Labs	1,794,747	28.21	19.75	0.70	0.00	18.83	26.85	40.29	53.68			
Vitamin D Labs	1,794,747	35.50	33.84	0.95	0.00	0.00	57.67	58.45	79.51			
Bundle 1B Total	1,794,747	2,856.97	959.76	0.34	1,862.00	2,246.74	2,635.74	3,197.69	4,584.67	1.42		
Levocarnitine	1,794,747	9.25	83.85	9.06	0.00	0.00	0.00	0.00	0.00			
Alteplase	1,794,747	6.84	90.54	13.24	0.00	0.00	0.00	0.00	0.00			
Vancomycin	1,794,747	1.63	14.49	8.89	0.00	0.00	0.00	0.00	0.00			
Infection Labs	1,794,747	4.66	15.73	3.38	0.00	0.00	0.00	0.00	28.84			
Carnitine Labs	1,794,747	6.59	13.99	2.12	0.00	0.00	0.00	0.00	35.60			
Bundle 1C Total	1,794,747	2,899.96	967.97	0.33	1,892.08	2,284.67	2,678.30	3,245.42	4,641.62	1.42	3.29	
Other Injectables	1,794,747	10.68	61.72	5.78	0.00	0.00	0.00	0.00	110.93			
Other Labs	1,794,747	32.31	43.53	1.35	0.00	12.98	19.94	42.72	97.90			
Bundle 1D Total	1,794,747	2,915.81	979.05	0.34	1,897.90	2,294.74	2,691.68	3,263.34	4,675.64	1.42	8.81	
Other Facility Services	1,794,747	15.86	88.95	5.61	0.00	1.00	6.43	8.81	55.05			
Bundle 2A Total	1,794,747	3,165.40	982.24	0.31	2,137.36	2,543.35	2,943.52	3,516.12	4,929.10	1.38	1.10	
Physician MCP	1,794,747	249.59	56.91	0.23	178.75	245.68	254.83	269.69	297.06			

**Alternative Bundle Definitions & Components**  
**HD Patients only**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
HD only / Full month		Per session			Per session							
HD-equivalent sessions	1,794,747	13.03	0.73	0.06	12.00	13.00	13.00	13.00	14.00	1.00		
Composite rate services	1,794,747	129.09	8.20	0.06	120.62	122.81	127.88	135.28	143.24	1.10		
Bundle 1A Total	1,794,747	217.03	71.28	0.33	143.77	171.80	200.37	242.10	345.49	1.41		
EPO and Aranesp	1,794,747	55.50	59.71	1.08	0.00	18.85	39.23	72.69	165.23	3.86		
Vitamin D	1,794,747	16.57	25.05	1.51	0.00	0.00	10.04	25.10	50.20			
Iron	1,794,747	10.99	17.12	1.56	0.00	0.00	5.08	17.60	42.43			
Anemia Labs	1,794,747	2.17	1.52	0.70	0.00	1.45	2.07	3.10	4.29	2.14		
Vitamin D Labs	1,794,747	2.72	2.60	0.96	0.00	0.00	4.12	4.81	6.12			
Bundle 1B Total	1,794,747	219.25	72.53	0.33	144.69	173.15	202.27	244.74	350.03	1.41		
Levocarnitine	1,794,747	0.71	6.40	9.01	0.00	0.00	0.00	0.00	0.00			
Alteplase	1,794,747	0.52	6.93	13.33	0.00	0.00	0.00	0.00	0.00			
Vancomycin	1,794,747	0.13	1.11	8.54	0.00	0.00	0.00	0.00	0.00			
Infection Labs	1,794,747	0.36	1.21	3.36	0.00	0.00	0.00	0.00	2.22			
Carnitine Labs	1,794,747	0.50	1.07	2.14	0.00	0.00	0.00	0.00	2.74			
Bundle 1C Total	1,794,747	222.55	73.16	0.33	147.03	176.07	205.52	248.38	354.29	1.41		
Other Injectables	1,794,747	0.82	4.75	5.79	0.00	0.00	0.00	0.00	8.53			
Other Labs	1,794,747	2.48	3.35	1.35	0.00	0.99	1.54	3.27	7.53	3.30		
Bundle 1D Total	1,794,747	223.77	73.99	0.33	147.46	176.84	206.58	249.75	356.86	1.41		
Other Facility Services	1,794,747	1.22	6.78	5.56	0.00	0.08	0.50	0.67	4.25	8.38		
Bundle 2A Total	1,794,747	242.97	74.25	0.31	165.88	195.98	225.98	269.24	376.35	1.37		
Physician MCP	1,794,747	19.21	4.51	0.23	13.61	18.79	19.61	21.16	23.25	1.13		

**All Bundles**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
HD equiv Sessions												
Type of patient		Per month			Per month							
All patients*	2,616,750	12.10	2.36	0.20	7.00	12.00	13.00	13.00	14.00	1.08		
HD only	2,467,523	12.08	2.35	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
PD only*	146,799	12.59	2.30	0.18	8.14	12.86	13.29	13.29	13.86	1.03		
Male	1,302,527	12.12	2.32	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Female	1,164,858	12.04	2.37	0.20	7.00	12.00	13.00	13.00	14.00	1.08		
Age 0 to 17	2,836	11.98	2.80	0.23	6.00	12.00	13.00	13.00	15.00	1.08		
Age 18 to 44	331,392	12.06	2.28	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Age 45 to 59	610,682	12.17	2.22	0.18	7.00	12.00	13.00	13.00	14.00	1.08		
Age 60 to 69	575,210	12.11	2.32	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Age 70 to 79	631,039	12.04	2.42	0.20	7.00	12.00	13.00	13.00	14.00	1.08		
Age 80+	316,325	11.95	2.52	0.21	6.00	12.00	13.00	13.00	14.00	1.08		
Diabetic	1,633,881	12.06	2.40	0.20	7.00	12.00	13.00	13.00	14.00	1.08		
Non-diabetic	831,531	12.13	2.24	0.18	7.00	12.00	13.00	13.00	14.00	1.08		
BSA < 1.84	1,053,920	11.99	2.41	0.20	7.00	12.00	13.00	13.00	14.00	1.08		
BSA 1.84+	1,045,838	12.10	2.33	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
RRT 0 to 5 months	285,332	11.21	3.18	0.28	3.00	10.00	13.00	13.00	14.00	1.30		
RRT 6 to 11 months	246,223	12.01	2.33	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
RRT 12+ months	1,935,929	12.22	2.17	0.18	8.00	12.00	13.00	13.00	14.00	1.08		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**All Bundles**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
HD equiv Sessions												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	13.03	0.73	0.06	12.00	13.00	13.00	13.00	14.00	1.00		
Start of dialysis	23,135	5.54	3.31	0.60	1.00	3.00	5.00	8.00	11.00	2.67		
Training	338	13.96	2.99	0.21	8.00	13.00	14.00	16.00	18.00	1.23		
Transplant	5,130	6.48	3.57	0.55	1.00	3.00	6.00	9.00	12.00	3.00		
Death or withdrawal from dialysis	31,533	5.21	3.24	0.62	1.00	2.00	5.00	8.00	11.00	4.00		
Hospitalization only	364,987	9.61	2.92	0.30	3.00	8.00	10.00	12.00	13.00	1.50		
Modality switch	633	12.59	2.15	0.17	8.71	11.71	12.86	13.57	15.43	1.16		
Transfer between facilities	78,768	12.77	1.49	0.12	10.00	12.00	13.00	13.00	14.00	1.08		
Multiple events	22,269	9.86	2.92	0.30	4.00	8.00	10.00	12.00	14.00	1.50		
Unexplained low number of sessio	145,983	9.27	2.17	0.23	4.00	9.00	10.00	11.00	11.00	1.22		
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	12.09	2.33	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Hospital-based	299,035	12.05	2.42	0.20	7.00	12.00	13.00	13.00	14.00	1.08		
Freestanding non-chain	328,118	12.07	2.38	0.20	7.00	12.00	13.00	13.00	14.00	1.08		
Urban	1,986,035	12.07	2.36	0.20	7.00	12.00	13.00	13.00	14.00	1.08		
Rural	429,963	12.16	2.25	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Small	358,918	11.98	2.47	0.21	6.00	12.00	13.00	13.00	14.00	1.08		
Medium	945,194	12.09	2.33	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Large	1,163,411	12.10	2.32	0.19	7.00	12.00	13.00	13.00	14.00	1.08		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

Table 0-5  
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**All Bundles**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
HD equiv Sessions												
Network		Per month			Per month							
Network 1	80,077	12.20	2.27	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Network 2	158,301	12.11	2.35	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Network 3	103,543	11.96	2.47	0.21	6.00	12.00	13.00	13.00	14.00	1.08		
Network 4	104,738	12.05	2.39	0.20	7.00	12.00	13.00	13.00	14.00	1.08		
Network 5	153,677	11.97	2.38	0.20	7.00	12.00	13.00	13.00	14.00	1.08		
Network 6	255,436	12.10	2.25	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Network 7	140,850	11.97	2.44	0.20	6.00	12.00	13.00	13.00	14.00	1.08		
Network 8	155,489	12.15	2.22	0.18	7.00	12.00	13.00	13.00	14.00	1.08		
Network 9	183,047	12.05	2.37	0.20	7.00	12.00	13.00	13.00	14.00	1.08		
Network 10	98,824	11.98	2.43	0.20	7.00	12.00	13.00	13.00	14.00	1.08		
Network 11	149,050	12.08	2.34	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Network 12	99,092	12.14	2.34	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Network 13	113,382	11.90	2.49	0.21	6.00	12.00	13.00	13.00	14.00	1.08		
Network 14	226,099	12.15	2.25	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Network 15	96,100	12.17	2.26	0.19	7.00	12.00	13.00	13.00	14.00	1.08		
Network 16	60,203	12.36	2.22	0.18	8.00	12.00	13.00	13.00	14.00	1.08		
Network 17	95,336	12.25	2.26	0.18	8.00	12.00	13.00	13.00	14.00	1.08		
Network 18	145,295	12.09	2.40	0.20	7.00	12.00	13.00	13.00	14.00	1.08		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

Table 0-5  
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**All Bundles**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Composite rate services												
Type of patient		Per month			Per month							
All patients*	2,616,750	1,562.54	319.33	0.20	881.69	1,501.35	1,625.58	1,730.63	1,877.61	1.15	100	100
HD only	2,467,523	1,559.97	319.45	0.20	875.45	1,496.34	1,624.15	1,730.63	1,885.31	1.16	100	100
PD only*	146,799	1,601.42	292.36	0.18	1,054.43	1,571.43	1,640.26	1,732.90	1,834.01	1.10	100	100
Male	1,302,527	1,566.04	317.72	0.20	891.08	1,503.20	1,626.36	1,735.51	1,893.85	1.15		
Female	1,164,858	1,553.18	321.21	0.21	860.55	1,481.58	1,620.30	1,724.73	1,871.94	1.16		
Age 0 to 17	2,836	1,566.78	377.32	0.24	737.25	1,471.14	1,624.15	1,760.79	2,007.95	1.20		
Age 18 to 44	331,392	1,556.27	311.15	0.20	918.38	1,475.58	1,610.50	1,721.51	1,888.25	1.17		
Age 45 to 59	610,682	1,569.00	307.04	0.20	964.91	1,499.23	1,623.30	1,727.68	1,893.85	1.15		
Age 60 to 69	575,210	1,561.67	317.02	0.20	880.85	1,500.90	1,623.30	1,726.71	1,877.61	1.15		
Age 70 to 79	631,039	1,556.32	327.03	0.21	844.30	1,501.20	1,626.30	1,730.63	1,871.94	1.15		
Age 80+	316,325	1,550.53	338.97	0.22	784.83	1,499.23	1,631.18	1,743.50	1,885.31	1.16		
Diabetic	1,633,881	1,556.34	325.49	0.21	852.43	1,488.03	1,623.43	1,730.48	1,890.29	1.16		
Non-diabetic	831,531	1,567.01	307.12	0.20	958.34	1,503.20	1,625.98	1,730.63	1,870.75	1.15		
BSA < 1.84	1,053,920	1,554.29	329.28	0.21	844.31	1,480.63	1,624.19	1,737.13	1,888.25	1.17		
BSA 1.84+	1,045,838	1,556.08	316.12	0.20	878.95	1,496.34	1,621.04	1,721.10	1,865.43	1.15		
RRT 0 to 5 months	285,332	1,443.53	419.80	0.29	426.35	1,326.76	1,574.10	1,702.29	1,864.53	1.28		
RRT 6 to 11 months	246,223	1,547.85	318.86	0.21	875.80	1,475.58	1,610.50	1,721.10	1,864.53	1.17		
RRT 12+ months	1,935,929	1,578.67	297.98	0.19	982.53	1,514.94	1,626.89	1,739.10	1,893.85	1.15		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**All Bundles**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Composite rate services												
Type of patient		Per session			Per session							
All patients	2,616,750	129.59	31.09	0.24	120.61	122.82	127.88	135.28	143.00	1.10	100	100
HD only	2,467,523	129.14	8.43	0.07	120.61	122.82	127.88	135.28	143.00	1.10	100	100
PD only	146,799	128.06	15.78	0.12	117.77	122.44	127.30	132.19	139.23	1.08	100	100
Male	1,302,527	129.22	8.58	0.07	120.61	122.82	128.09	135.28	143.25	1.10		
Female	1,164,858	129.04	8.27	0.06	120.61	122.81	127.84	135.28	143.00	1.10		
Age 0 to 17	2,836	130.88	9.41	0.07	120.62	123.35	129.48	135.89	143.43	1.10		
Age 18 to 44	331,392	129.01	8.36	0.06	120.61	122.86	127.88	135.28	143.00	1.10		
Age 45 to 59	610,682	128.91	8.78	0.07	120.61	122.45	127.82	135.28	143.24	1.10		
Age 60 to 69	575,210	128.94	8.75	0.07	120.61	122.43	127.52	135.28	143.26	1.10		
Age 70 to 79	631,039	129.27	8.15	0.06	120.61	122.88	128.09	135.28	143.00	1.10		
Age 80+	316,325	129.80	7.71	0.06	120.62	123.28	128.59	135.47	143.43	1.10		
Diabetic	1,633,881	129.08	8.40	0.07	120.61	122.60	127.88	135.28	143.00	1.10		
Non-diabetic	831,531	129.23	8.49	0.07	120.61	122.93	128.01	135.28	143.25	1.10		
BSA < 1.84	1,053,920	129.64	8.54	0.07	120.61	122.88	128.51	135.55	143.43	1.10		
BSA 1.84+	1,045,838	128.57	8.39	0.07	120.61	122.49	127.29	133.79	142.15	1.09		
RRT 0 to 5 months	285,332	128.83	8.87	0.07	120.61	122.46	127.49	134.67	142.99	1.10		
RRT 6 to 11 months	246,223	128.84	8.92	0.07	120.61	122.60	127.74	134.78	142.99	1.10		
RRT 12+ months	1,935,929	129.22	8.30	0.06	120.61	122.82	127.96	135.28	143.25	1.10		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

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**All Bundles**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Composite rate services												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	1,682.28	144.40	0.09	1,471.14	1,578.90	1,671.74	1,764.63	1,913.16	1.12		
Start of dialysis	23,135	711.70	428.13	0.60	126.00	364.00	653.93	1,023.00	1,478.83	2.81		
Training	338	1,986.37	545.43	0.27	1,052.29	1,728.59	1,915.58	2,236.04	3,006.09	1.29		
Transplant	5,130	842.10	468.96	0.56	129.63	426.35	844.30	1,208.85	1,603.50	2.84		
Death or withdrawal from dialysis	31,533	670.80	421.18	0.63	125.06	286.85	612.18	966.68	1,447.33	3.37		
Hospitalization only	364,987	1,239.73	383.14	0.31	426.34	1,046.44	1,326.76	1,505.95	1,718.40	1.44		
Modality switch	633	1,747.90	374.49	0.21	1,247.81	1,585.25	1,705.88	1,867.61	2,397.45	1.18		
Transfer between facilities	78,768	1,650.85	214.60	0.13	1,335.44	1,573.50	1,663.70	1,761.93	1,918.13	1.12		
Multiple events	22,269	1,288.52	406.47	0.32	532.80	1,057.49	1,338.65	1,542.11	1,819.34	1.46		
Unexplained low number of sessio	145,983	1,199.16	292.17	0.24	546.63	1,087.96	1,278.15	1,386.50	1,521.03	1.27		
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	1,546.53	310.15	0.20	880.21	1,479.64	1,602.19	1,715.94	1,858.94	1.16		
Hospital-based	299,035	1,611.69	350.76	0.22	874.55	1,556.94	1,686.29	1,803.98	1,947.46	1.16		
Freestanding non-chain	328,118	1,588.20	333.94	0.21	860.55	1,513.86	1,645.15	1,788.35	1,980.38	1.18		
Urban	1,986,035	1,574.51	323.52	0.21	878.95	1,510.98	1,642.86	1,758.58	1,897.63	1.16		
Rural	429,963	1,488.78	284.71	0.19	874.55	1,447.38	1,568.00	1,625.65	1,749.09	1.12		
Small	358,918	1,524.17	326.76	0.21	798.75	1,456.03	1,588.03	1,700.60	1,852.69	1.17		
Medium	945,194	1,553.87	313.70	0.20	880.23	1,491.00	1,615.98	1,720.35	1,864.53	1.15		
Large	1,163,411	1,575.96	320.72	0.20	900.24	1,509.43	1,641.19	1,760.43	1,913.16	1.17		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

Table 0-6  
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**All Bundles**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Composite rate services												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	129.09	8.20	0.06	120.62	122.81	127.88	135.28	143.24	1.10		
Start of dialysis	23,135	128.55	8.46	0.07	120.61	122.44	127.03	134.03	142.76	1.09		
Training	338	142.39	22.58	0.16	121.95	128.00	136.52	145.54	192.18	1.14		
Transplant	5,130	129.72	8.22	0.06	120.61	123.25	129.34	135.46	143.00	1.10		
Death or withdrawal from dialysis	31,533	128.60	9.29	0.07	120.61	122.46	127.41	134.12	142.68	1.10		
Hospitalization only	364,987	129.16	7.86	0.06	120.61	122.82	128.01	135.28	143.00	1.10		
Modality switch	633	140.28	29.01	0.21	120.61	123.59	129.33	138.04	204.07	1.12		
Transfer between facilities	78,768	129.44	10.17	0.08	120.62	123.47	128.10	133.76	142.11	1.08		
Multiple events	22,269	130.80	13.16	0.10	120.62	123.59	128.57	135.19	143.43	1.09		
Unexplained low number of sessio	145,983	129.34	9.99	0.08	120.61	122.96	128.19	135.54	143.43	1.10		
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	127.95	7.41	0.06	120.61	121.78	126.56	132.34	142.11	1.09		
Hospital-based	299,035	133.70	10.49	0.08	124.93	127.58	132.45	139.23	143.43	1.09		
Freestanding non-chain	328,118	131.61	9.65	0.07	120.61	123.23	130.80	142.11	143.43	1.15		
Urban	1,986,035	130.47	8.25	0.06	120.62	124.06	129.63	135.55	143.43	1.09		
Urban	429,963	122.39	5.64	0.05	120.61	120.62	120.62	122.97	130.43	1.02		
Small	358,918	127.25	8.06	0.06	120.61	120.68	125.75	131.83	142.11	1.09		
Medium	945,194	128.50	7.87	0.06	120.61	122.43	126.63	133.13	142.77	1.09		
Large	1,163,411	130.23	8.82	0.07	120.62	123.23	129.39	136.65	143.43	1.11		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

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**All Bundles**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Composite rate services												
Network		Per month			Per month							
Network 1	80,077	1,590.26	300.81	0.19	931.88	1,568.00	1,664.06	1,730.63	1,863.75	1.10		
Network 2	158,301	1,683.21	340.45	0.20	958.61	1,600.24	1,776.95	1,864.53	2,007.95	1.17		
Network 3	103,543	1,551.10	331.83	0.21	809.25	1,483.63	1,643.26	1,753.38	1,893.85	1.18		
Network 4	104,738	1,576.97	317.10	0.20	880.85	1,527.54	1,654.84	1,758.58	1,893.85	1.15		
Network 5	153,677	1,534.58	314.27	0.20	848.93	1,473.78	1,598.03	1,718.41	1,855.05	1.17		
Network 6	255,436	1,476.49	277.73	0.19	862.65	1,447.38	1,568.00	1,602.05	1,725.29	1.11		
Network 7	140,850	1,497.73	309.45	0.21	792.63	1,456.03	1,585.26	1,665.10	1,760.43	1.14		
Network 8	155,489	1,490.22	274.62	0.18	883.58	1,447.38	1,568.00	1,634.69	1,749.13	1.13		
Network 9	183,047	1,545.93	309.97	0.20	866.25	1,490.11	1,624.15	1,713.78	1,849.48	1.15		
Network 10	98,824	1,596.17	328.75	0.21	844.30	1,542.18	1,678.98	1,776.51	1,913.18	1.15		
Network 11	149,050	1,588.81	345.59	0.22	912.10	1,537.33	1,648.08	1,779.76	1,916.68	1.16		
Network 12	99,092	1,530.23	303.03	0.20	885.88	1,499.25	1,624.15	1,672.65	1,799.21	1.12		
Network 13	113,382	1,471.67	311.43	0.21	750.45	1,447.38	1,568.00	1,645.35	1,751.05	1.14		
Network 14	226,099	1,522.57	287.23	0.19	900.16	1,469.23	1,579.56	1,688.61	1,799.63	1.15		
Network 15	96,100	1,563.28	311.61	0.20	921.03	1,512.66	1,629.76	1,710.48	1,862.21	1.13		
Network 16	60,203	1,607.63	296.59	0.18	1,029.20	1,564.95	1,673.04	1,738.81	1,887.83	1.11		
Network 17	95,336	1,706.12	321.79	0.19	1,044.36	1,670.70	1,797.58	1,858.94	2,001.93	1.11		
Network 18	145,295	1,693.52	338.20	0.20	974.23	1,670.10	1,809.28	1,847.50	1,989.61	1.11		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

Table 0-6  
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**All Bundles**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Composite rate services												
Network		Per session			Per session							
Network 1	80,077	130.35	4.69	0.04	121.48	126.73	131.07	133.13	135.29	1.05		
Network 2	158,301	138.97	8.17	0.06	123.45	136.94	143.43	143.43	143.43	1.05		
Network 3	103,543	129.72	7.57	0.06	120.61	120.62	129.77	135.28	139.35	1.12		
Network 4	104,738	130.92	4.87	0.04	125.10	127.04	132.33	135.28	135.28	1.06		
Network 5	153,677	128.22	7.23	0.06	120.62	122.82	127.44	135.54	135.55	1.10		
Network 6	255,436	122.01	4.07	0.03	120.61	120.62	121.93	123.24	124.94	1.02		
Network 7	140,850	125.13	4.40	0.04	120.62	121.90	125.12	125.75	132.11	1.03		
Network 8	155,489	122.67	3.67	0.03	120.61	120.62	120.62	125.10	128.53	1.04		
Network 9	183,047	128.32	6.14	0.05	120.61	123.31	128.60	132.10	135.47	1.07		
Network 10	98,824	133.26	6.38	0.05	120.62	130.38	136.65	136.66	139.91	1.05		
Network 11	149,050	58.95	65.18	1.11	1.25	20.00	41.00	79.62	170.92	3.98		
Network 12	99,092	126.11	6.29	0.05	120.61	122.64	126.55	128.52	132.32	1.05		
Network 13	113,382	123.68	4.02	0.03	120.61	120.62	123.88	126.56	129.47	1.05		
Network 14	226,099	125.33	4.87	0.04	120.61	121.50	125.24	128.59	130.81	1.06		
Network 15	96,100	128.49	9.50	0.07	121.76	122.10	129.07	133.01	137.52	1.09		
Network 16	60,203	130.14	7.41	0.06	122.28	126.33	130.41	132.69	141.90	1.05		
Network 17	95,336	139.27	5.64	0.04	130.57	135.92	141.20	143.00	143.43	1.05		
Network 18	145,295	140.05	3.80	0.03	133.70	139.16	142.11	142.12	142.12	1.02		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

Table 0-6  
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**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1A Total</b>												
<b>Type of patient</b>		<b>Per month</b>			<b>Per month</b>							
All patients*	2,616,750	2,643.96	1,009.14	0.38	1,438.64	2,065.08	2,483.84	3,047.08	4,386.93	1.48	100	100
HD only	2,467,523	2,680.17	1,013.65	0.38	1,452.22	2,105.66	2,518.50	3,081.25	4,430.23	1.46	100	100
PD only*	146,799	2,036.17	679.86	0.33	1,269.14	1,701.40	1,893.44	2,265.75	3,195.97	1.33	100	100
Male	1,302,527	2,669.19	1,020.21	0.38	1,461.66	2,089.41	2,500.15	3,066.90	4,436.19	1.47		
Female	1,164,858	2,692.49	1,006.13	0.37	1,442.60	2,124.34	2,538.21	3,096.87	4,423.80	1.46		
Age 0 to 17	2,836	2,572.01	1,037.94	0.40	1,147.40	1,977.69	2,452.47	3,003.40	4,338.73	1.52		
Age 18 to 44	331,392	2,806.49	1,141.15	0.41	1,542.48	2,134.89	2,588.99	3,230.69	4,839.91	1.51		
Age 45 to 59	610,682	2,770.65	1,082.53	0.39	1,543.90	2,134.84	2,574.68	3,187.42	4,686.54	1.49		
Age 60 to 69	575,210	2,697.92	1,005.10	0.37	1,475.14	2,128.21	2,543.24	3,106.56	4,418.64	1.46		
Age 70 to 79	631,039	2,600.39	926.64	0.36	1,376.58	2,085.81	2,477.75	2,994.85	4,172.16	1.44		
Age 80+	316,325	2,501.05	866.44	0.35	1,272.84	2,035.31	2,401.94	2,880.76	3,956.22	1.42		
Diabetic	1,633,881	2,678.85	1,003.84	0.37	1,423.33	2,110.46	2,524.86	3,086.48	4,415.08	1.46		
Non-diabetic	831,531	2,682.71	1,032.61	0.38	1,499.74	2,096.26	2,505.53	3,071.25	4,460.99	1.47		
BSA < 1.84	1,053,920	2,586.87	929.47	0.36	1,375.31	2,073.37	2,459.13	2,970.55	4,167.89	1.43		
BSA 1.84+	1,045,838	2,721.56	1,025.05	0.38	1,480.82	2,128.19	2,556.81	3,139.50	4,510.25	1.48		
RRT 0 to 5 months	285,332	2,617.96	1,049.81	0.40	795.60	2,038.42	2,574.82	3,183.47	4,333.81	1.56		
RRT 6 to 11 months	246,223	2,590.24	933.25	0.36	1,422.82	2,074.63	2,455.82	2,960.86	4,180.71	1.43		
RRT 12+ months	1,935,929	2,700.79	1,017.05	0.38	1,555.44	2,116.45	2,520.09	3,080.69	4,479.56	1.46		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1A Total</b>												
<b>Type of patient</b>		<b>Per session</b>			<b>Per session</b>							
All patients	2,616,750	221.63	94.20	0.43	139.20	171.22	202.79	248.65	362.09	1.45	100	100
HD only	2,467,523	224.26	84.22	0.38	144.62	174.52	205.68	251.34	364.42	1.44	100	100
PD only	146,799	165.10	86.33	0.52	122.12	132.39	146.90	177.08	259.55	1.34	100	100
Male	1,302,527	222.67	88.72	0.40	142.97	172.53	203.63	249.80	364.50	1.45		
Female	1,164,858	226.04	78.85	0.35	146.77	176.81	207.93	253.00	364.35	1.43		
Age 0 to 17	2,836	217.45	87.99	0.40	138.19	166.61	197.80	242.87	355.64	1.46		
Age 18 to 44	331,392	235.69	92.46	0.39	144.36	177.40	212.74	266.15	404.98	1.50		
Age 45 to 59	610,682	230.05	100.35	0.44	144.01	175.94	209.61	259.26	383.86	1.47		
Age 60 to 69	575,210	224.99	80.50	0.36	145.42	175.93	207.43	252.58	361.67	1.44		
Age 70 to 79	631,039	218.30	71.45	0.33	145.04	173.36	202.35	244.18	342.53	1.41		
Age 80+	316,325	211.75	66.80	0.32	144.01	170.12	196.92	236.05	326.65	1.39		
Diabetic	1,633,881	224.58	79.00	0.35	145.25	175.30	206.49	251.95	363.12	1.44		
Non-diabetic	831,531	223.64	93.63	0.42	143.47	173.03	204.09	250.11	367.20	1.45		
BSA < 1.84	1,053,920	218.19	72.91	0.33	144.93	172.98	201.56	243.32	345.47	1.41		
BSA 1.84+	1,045,838	227.30	80.66	0.35	145.04	176.11	208.84	256.03	370.49	1.45		
RRT 0 to 5 months	285,332	236.66	78.57	0.33	148.49	186.93	224.33	269.53	363.22	1.44		
RRT 6 to 11 months	246,223	218.00	73.72	0.34	144.75	172.63	201.07	242.83	347.74	1.41		
RRT 12+ months	1,935,929	223.23	86.09	0.39	144.21	173.41	203.82	249.14	366.84	1.44		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1A Total</b>												
<b>Type of Month</b>		<b>Per month</b>			<b>Per month</b>							
Full month HD, no events	1,794,747	2,828.00	943.04	0.33	1,850.13	2,228.78	2,611.28	3,163.27	4,523.86	1.42		
Start of dialysis	23,135	1,343.55	880.96	0.66	231.63	634.31	1,190.80	1,892.09	2,967.67	2.98		
Training	338	3,257.82	1,106.61	0.34	1,867.62	2,517.78	3,041.32	3,866.42	5,222.97	1.54		
Transplant	5,130	1,406.23	895.25	0.64	218.65	714.85	1,312.95	1,935.45	2,915.79	2.71		
Death or withdrawal from dialysis	31,533	1,295.13	983.22	0.76	202.31	563.00	1,092.66	1,785.98	3,079.59	3.17		
Hospitalization only	364,987	2,371.99	1,103.91	0.47	788.84	1,721.22	2,245.85	2,874.89	4,275.06	1.67		
Modality switch	633	2,803.38	984.08	0.35	1,640.27	2,157.99	2,612.90	3,225.89	4,648.51	1.49		
Transfer between facilities	78,768	2,768.47	929.06	0.34	1,762.54	2,186.04	2,574.17	3,122.55	4,440.51	1.43		
Multiple events	22,269	2,376.48	1,042.56	0.44	944.43	1,719.53	2,232.53	2,866.32	4,238.26	1.67		
Unexplained low number of sessio	145,983	2,185.78	929.74	0.43	940.20	1,644.73	2,054.23	2,584.58	3,804.63	1.57		
<b>Type of facility</b>		<b>Per month</b>			<b>Per month</b>							
Freestanding chain	1,840,044	2,678.91	988.87	0.37	1,471.49	2,110.75	2,521.64	3,078.55	4,409.27	1.46		
Hospital-based	299,035	2,745.66	1,210.56	0.44	1,385.16	2,084.57	2,522.45	3,164.23	4,767.86	1.52		
Freestanding non-chain	328,118	2,627.70	948.78	0.36	1,401.80	2,095.33	2,498.06	3,030.31	4,240.25	1.45		
Urban	1,986,035	2,704.57	1,015.18	0.38	1,463.18	2,129.64	2,544.51	3,108.24	4,462.03	1.46		
Rural	429,963	2,574.27	984.99	0.38	1,432.24	2,014.15	2,405.17	2,954.61	4,280.14	1.47		
Small	358,918	2,595.01	992.22	0.38	1,323.51	2,032.86	2,442.91	3,001.62	4,321.66	1.48		
Medium	945,194	2,657.84	1,005.53	0.38	1,452.67	2,093.98	2,498.91	3,050.15	4,373.24	1.46		
Large	1,163,411	2,724.57	1,024.44	0.38	1,493.23	2,139.36	2,557.57	3,129.87	4,508.97	1.46		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1A Total</b>												
<b>Type of Month</b>		<b>Per session</b>			<b>Per session</b>							
Full month HD, no events	1,794,747	217.03	71.28	0.33	143.77	171.80	200.37	242.10	345.49	1.41		
Start of dialysis	23,135	251.70	119.58	0.48	140.93	193.18	235.29	281.54	389.70	1.46		
Training	338	237.83	76.53	0.32	150.45	183.44	222.37	265.63	388.96	1.45		
Transplant	5,130	224.66	99.12	0.44	143.43	172.52	203.14	246.20	369.82	1.43		
Death or withdrawal from dialysis	31,533	250.74	109.14	0.44	142.62	185.41	228.46	289.90	426.46	1.56		
Hospitalization only	364,987	249.96	94.25	0.38	151.30	189.68	229.67	284.94	414.34	1.50		
Modality switch	633	225.67	80.07	0.35	135.51	171.35	206.29	256.54	387.78	1.50		
Transfer between facilities	78,768	218.23	80.91	0.37	144.57	172.13	200.77	242.62	345.39	1.41		
Multiple events	22,269	245.03	95.06	0.39	150.49	187.58	225.45	275.60	401.37	1.47		
Unexplained low number of sessio	145,983	238.86	149.05	0.62	145.20	180.63	217.32	269.19	398.51	1.49		
<b>Type of facility</b>		<b>Per session</b>			<b>Per session</b>							
Freestanding chain	1,840,044	224.05	77.48	0.35	144.78	174.83	205.88	251.24	363.50	1.44		
Hospital-based	299,035	230.35	124.97	0.54	143.64	172.80	206.65	258.21	389.72	1.49		
Freestanding non-chain	328,118	219.92	73.42	0.33	144.74	174.38	203.83	246.43	346.82	1.41		
Urban	1,986,035	226.57	79.50	0.35	146.54	176.72	207.98	253.81	367.69	1.44		
Urban	429,963	213.62	78.80	0.37	138.10	165.50	195.19	239.61	348.50	1.45		
Small	358,918	219.33	82.27	0.38	140.91	169.78	200.82	246.29	357.35	1.45		
Medium	945,194	222.06	78.25	0.35	144.15	173.32	203.78	248.65	359.14	1.43		
Large	1,163,411	227.57	89.22	0.39	146.56	177.08	208.68	255.00	370.81	1.44		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Bundle 1A Total												
Network		Per month			Per month							
Network 1	80,077	2,646.46	895.61	0.34	1,517.58	2,123.41	2,513.03	3,037.13	4,258.28	1.43		
Network 2	158,301	2,903.63	1,183.33	0.41	1,534.24	2,273.53	2,713.11	3,326.08	4,819.99	1.46		
Network 3	103,543	2,683.97	1,050.39	0.39	1,374.40	2,076.98	2,510.55	3,097.38	4,572.73	1.49		
Network 4	104,738	2,756.93	1,137.40	0.41	1,447.48	2,141.45	2,562.91	3,145.16	4,678.82	1.47		
Network 5	153,677	2,765.10	1,085.51	0.39	1,464.89	2,138.27	2,578.18	3,189.26	4,661.25	1.49		
Network 6	255,436	2,679.15	1,013.15	0.38	1,484.02	2,080.11	2,501.30	3,084.33	4,504.29	1.48		
Network 7	140,850	2,626.93	992.75	0.38	1,361.86	2,065.40	2,469.70	3,023.05	4,367.80	1.46		
Network 8	155,489	2,665.16	1,099.06	0.41	1,487.98	2,061.13	2,464.75	3,033.15	4,495.64	1.47		
Network 9	183,047	2,691.62	990.62	0.37	1,458.20	2,111.45	2,526.97	3,111.31	4,462.72	1.47		
Network 10	98,824	2,753.33	1,002.06	0.36	1,428.60	2,172.80	2,605.04	3,186.82	4,522.41	1.47		
Network 11	149,050	2,686.31	989.48	0.37	1,468.63	2,127.39	2,538.62	3,093.68	4,355.57	1.45		
Network 12	99,092	2,607.00	997.57	0.38	1,411.57	2,024.68	2,430.93	3,011.80	4,408.70	1.49		
Network 13	113,382	2,625.36	1,004.46	0.38	1,308.67	2,058.64	2,477.15	3,040.50	4,352.68	1.48		
Network 14	226,099	2,630.01	964.76	0.37	1,482.14	2,064.57	2,472.34	3,026.20	4,324.55	1.47		
Network 15	96,100	2,500.36	900.11	0.36	1,399.16	1,997.41	2,363.87	2,858.76	4,036.35	1.43		
Network 16	60,203	2,553.40	899.84	0.35	1,505.16	2,045.30	2,401.24	2,904.69	4,113.07	1.42		
Network 17	95,336	2,674.36	874.06	0.33	1,549.45	2,184.67	2,547.81	3,046.97	4,213.50	1.39		
Network 18	145,295	2,673.89	843.78	0.32	1,479.46	2,212.53	2,582.74	3,062.20	4,104.40	1.38		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1A Total</b>												
<b>Network</b>		<b>Per session</b>			<b>Per session</b>							
Network 1	80,077	218.92	67.20	0.31	146.93	173.87	203.09	245.58	345.50	1.41		
Network 2	158,301	241.90	90.13	0.37	155.85	188.07	221.26	270.32	392.18	1.44		
Network 3	103,543	227.47	82.13	0.36	142.19	174.20	207.18	256.25	380.84	1.47		
Network 4	104,738	231.65	90.54	0.39	147.35	177.47	209.47	257.78	388.77	1.45		
Network 5	153,677	234.00	87.73	0.37	146.83	179.03	212.95	263.35	390.19	1.47		
Network 6	255,436	223.64	80.20	0.36	141.74	172.14	204.36	252.13	370.77	1.46		
Network 7	140,850	222.19	79.52	0.36	143.76	172.56	203.15	248.73	363.96	1.44		
Network 8	155,489	221.85	89.66	0.40	140.50	169.37	200.06	246.74	370.78	1.46		
Network 9	183,047	225.77	76.45	0.34	145.03	175.33	207.29	255.61	366.78	1.46		
Network 10	98,824	232.91	83.27	0.36	149.24	180.92	213.81	262.30	378.03	1.45		
Network 11	149,050	0.46	4.75	10.33	0.00	0.00	0.00	0.00	0.00			
Network 12	99,092	217.35	81.08	0.37	138.97	166.74	198.11	244.52	360.52	1.47		
Network 13	113,382	222.89	76.34	0.34	143.13	173.28	205.15	250.45	361.37	1.45		
Network 14	226,099	218.59	76.99	0.35	141.49	170.11	201.42	245.32	353.95	1.44		
Network 15	96,100	207.28	70.02	0.34	138.48	164.23	191.73	231.49	330.35	1.41		
Network 16	60,203	208.46	69.07	0.33	140.88	165.39	191.67	232.09	329.82	1.40		
Network 17	95,336	219.94	63.50	0.29	152.63	178.06	204.66	244.13	340.48	1.37		
Network 18	145,295	222.99	62.11	0.28	157.22	183.21	209.46	247.19	332.13	1.35		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
EPO and Aranesp												
Type of patient		Per month			Per month							
All patients*	2,616,750	701.51	768.66	1.10	0.00	220.00	488.00	925.00	2,100.00	4.20	93	98
HD only	2,467,523	721.46	774.65	1.07	0.00	240.00	505.00	953.00	2,150.00	3.97	95	99
PD only*	146,799	368.09	563.31	1.53	0.00	0.00	200.00	552.00	1,400.00		60	85
Male	1,302,527	701.31	779.40	1.11	0.00	210.00	480.00	928.00	2,145.00	4.42		
Female	1,164,858	744.01	768.72	1.03	45.00	264.00	530.00	972.00	2,160.00	3.68		
Age 0 to 17	2,836	568.16	617.17	1.09	0.00	170.00	400.00	754.51	1,690.00	4.44		
Age 18 to 44	331,392	807.02	906.23	1.12	0.00	240.00	540.00	1,060.02	2,520.00	4.42		
Age 45 to 59	610,682	773.21	853.07	1.10	0.00	234.00	528.00	1,030.00	2,400.00	4.40		
Age 60 to 69	575,210	733.28	763.93	1.04	10.00	255.00	525.00	972.00	2,126.00	3.81		
Age 70 to 79	631,039	673.44	686.42	1.02	30.00	240.00	488.00	896.00	1,930.00	3.73		
Age 80+	316,325	607.65	616.69	1.01	37.00	221.00	440.00	798.00	1,702.00	3.61		
Diabetic	1,633,881	727.82	763.57	1.05	10.00	249.00	520.00	960.00	2,140.00	3.86		
Non-diabetic	831,531	709.07	795.71	1.12	0.00	220.00	481.00	927.00	2,170.00	4.21		
BSA < 1.84	1,053,920	663.17	690.64	1.04	30.00	239.00	475.00	869.00	1,925.00	3.64		
BSA 1.84+	1,045,838	753.88	787.75	1.04	0.00	252.00	536.00	1,000.00	2,230.00	3.97		
RRT 0 to 5 months	285,332	776.63	678.97	0.87	0.00	300.00	627.00	1,080.00	2,016.00	3.60		
RRT 6 to 11 months	246,223	672.05	710.42	1.06	20.00	240.00	480.00	876.09	1,960.00	3.65		
RRT 12+ months	1,935,929	719.62	794.96	1.10	0.00	234.00	492.00	936.00	2,200.00	4.00		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
EPO and Aranesp												
Type of patient		Per session			Per session							
All patients	2,616,750	60.15	74.83	1.24	0.00	19.17	41.15	80.00	183.08	4.17	93	98
HD only	2,467,523	61.72	72.96	1.18	0.00	20.00	43.05	80.91	185.00	4.05	95	99
PD only	146,799	31.30	78.30	2.50	0.00	0.00	15.05	44.44	120.43		60	85
Male	1,302,527	59.90	77.65	1.30	0.00	18.33	40.00	80.00	184.62	4.36		
Female	1,164,858	63.74	67.26	1.06	3.93	22.86	45.38	83.25	186.15	3.64		
Age 0 to 17	2,836	48.61	53.97	1.11	0.00	15.00	33.44	66.15	140.00	4.41		
Age 18 to 44	331,392	69.52	79.61	1.15	0.00	20.00	46.00	92.00	216.67	4.60		
Age 45 to 59	610,682	65.60	90.10	1.37	0.00	20.00	45.00	87.69	200.00	4.38		
Age 60 to 69	575,210	62.41	68.53	1.10	0.77	21.43	45.00	82.50	182.86	3.85		
Age 70 to 79	631,039	57.80	60.56	1.05	2.86	20.08	41.50	77.00	163.85	3.83		
Age 80+	316,325	52.71	55.84	1.06	3.21	20.00	38.31	69.29	150.00	3.46		
Diabetic	1,633,881	62.36	67.66	1.08	1.00	20.91	44.23	81.85	184.62	3.91		
Non-diabetic	831,531	60.45	82.36	1.36	0.00	19.08	40.15	80.00	186.77	4.19		
BSA < 1.84	1,053,920	57.26	61.51	1.07	2.69	20.00	40.00	75.00	166.50	3.75		
BSA 1.84+	1,045,838	64.35	68.81	1.07	0.00	21.08	45.77	86.00	193.22	4.08		
RRT 0 to 5 months	285,332	71.67	65.85	0.92	0.00	30.00	60.00	100.00	182.00	3.33		
RRT 6 to 11 months	246,223	57.89	62.88	1.09	1.79	20.00	40.00	75.00	172.31	3.75		
RRT 12+ months	1,935,929	60.74	75.00	1.23	0.00	20.00	40.70	80.00	187.69	4.00		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
EPO and Aranesp												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	723.08	779.85	1.08	0.00	240.00	506.00	950.00	2,160.00	3.96		
Start of dialysis	23,135	410.82	402.01	0.98	0.00	113.00	300.00	600.00	1,147.60	5.31		
Training	338	866.35	851.99	0.98	0.00	279.00	617.50	1,180.00	2,472.00	4.23		
Transplant	5,130	331.19	445.17	1.34	0.00	63.00	190.00	440.00	1,120.20	6.98		
Death or withdrawal from dialysis	31,533	456.76	605.32	1.33	0.00	100.00	269.41	600.00	1,526.00	6.00		
Hospitalization only	364,987	791.61	806.78	1.02	36.00	276.00	580.00	1,046.00	2,262.84	3.79		
Modality switch	633	783.27	749.82	0.96	0.00	300.00	600.00	1,079.00	2,205.00	3.60		
Transfer between facilities	78,768	722.67	742.09	1.03	5.00	251.00	520.00	960.00	2,100.00	3.82		
Multiple events	22,269	776.55	742.31	0.96	42.00	297.00	584.00	1,012.00	2,200.00	3.41		
Unexplained low number of sessio	145,983	636.52	697.13	1.10	0.00	197.76	440.00	854.00	1,939.00	4.32		
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	740.23	789.76	1.07	4.00	244.00	520.00	974.00	2,210.00	3.99		
Hospital-based	299,035	642.44	724.41	1.13	0.00	205.00	450.00	845.00	1,920.00	4.12		
Freestanding non-chain	328,118	688.29	726.34	1.06	0.00	240.00	495.00	910.00	1,980.00	3.79		
Urban	1,986,035	726.69	772.42	1.06	0.00	240.00	510.00	960.00	2,160.00	4.00		
Rural	429,963	702.91	779.14	1.11	0.00	230.00	490.00	920.00	2,100.00	4.00		
Small	358,918	695.05	752.41	1.08	0.00	225.00	488.00	920.00	2,080.00	4.09		
Medium	945,194	711.18	766.05	1.08	0.00	240.00	496.00	936.00	2,110.00	3.90		
Large	1,163,411	737.95	787.89	1.07	0.00	247.00	520.00	970.00	2,200.00	3.93		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
EPO and Aranesp												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	55.50	59.71	1.08	0.00	18.85	39.23	72.69	165.23	3.86		
Start of dialysis	23,135	80.48	103.43	1.29	0.00	36.23	66.67	100.00	200.00	2.76		
Training	338	65.75	66.49	1.01	0.00	20.44	46.00	88.00	210.07	4.31		
Transplant	5,130	55.23	77.59	1.40	0.00	15.00	35.00	69.00	172.73	4.60		
Death or withdrawal from dialysis	31,533	89.34	97.64	1.09	0.00	30.00	67.83	120.00	250.00	4.00		
Hospitalization only	364,987	84.79	83.52	0.99	4.40	32.00	64.17	110.00	231.25	3.44		
Modality switch	633	63.20	61.48	0.97	0.00	23.33	48.40	83.17	188.17	3.56		
Transfer between facilities	78,768	57.55	66.57	1.16	0.38	20.00	40.62	75.00	166.67	3.75		
Multiple events	22,269	82.13	85.24	1.04	5.00	32.33	62.33	103.38	218.75	3.20		
Unexplained low number of sessio	145,983	70.86	137.88	1.95	0.00	22.00	49.55	93.33	203.89	4.24		
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	63.26	68.82	1.09	0.31	20.45	44.22	83.08	191.67	4.06		
Hospital-based	299,035	55.52	101.36	1.83	0.00	18.08	38.85	73.83	165.00	4.08		
Freestanding non-chain	328,118	58.72	63.58	1.08	0.00	20.00	41.92	79.21	170.00	3.96		
Urban	1,986,035	62.26	67.77	1.09	0.00	20.00	43.64	81.54	187.00	4.08		
Urban	429,963	59.42	67.81	1.14	0.00	20.00	40.77	78.83	180.00	3.94		
Small	358,918	60.21	69.11	1.15	0.00	20.00	41.67	80.00	180.00	4.00		
Medium	945,194	60.71	66.59	1.10	0.00	20.00	42.00	80.00	183.00	4.00		
Large	1,163,411	63.00	78.80	1.25	0.00	20.57	44.17	82.50	189.29	4.01		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
EPO and Aranesp												
Network		Per month			Per month							
Network 1	80,077	681.20	679.92	1.00	30.00	241.50	481.00	897.00	2,016.00	3.71		
Network 2	158,301	739.19	734.70	0.99	1.00	260.00	540.00	990.00	2,142.00	3.81		
Network 3	103,543	744.93	801.36	1.08	0.00	240.00	510.00	975.00	2,280.00	4.06		
Network 4	104,738	787.64	948.02	1.20	0.00	245.00	525.00	1,000.00	2,400.00	4.08		
Network 5	153,677	803.81	868.01	1.08	20.00	260.00	560.00	1,042.00	2,400.00	4.01		
Network 6	255,436	780.51	828.16	1.06	0.00	256.00	546.00	1,027.00	2,385.00	4.01		
Network 7	140,850	735.37	782.45	1.06	20.00	240.00	507.23	965.79	2,200.00	4.02		
Network 8	155,489	771.43	913.97	1.18	9.00	243.00	522.00	991.00	2,310.00	4.08		
Network 9	183,047	763.57	782.43	1.02	20.00	258.00	535.00	1,020.00	2,300.00	3.95		
Network 10	98,824	740.73	728.50	0.98	0.00	260.00	540.00	1,000.00	2,167.00	3.85		
Network 11	149,050	690.39	748.96	1.08	15.00	236.00	484.00	910.00	2,000.00	3.86		
Network 12	99,092	679.93	733.69	1.08	0.00	222.00	468.00	897.00	2,080.00	4.04		
Network 13	113,382	735.85	758.92	1.03	0.00	255.00	522.00	979.00	2,150.00	3.84		
Network 14	226,099	700.70	735.82	1.05	0.00	240.00	500.00	930.00	2,070.00	3.88		
Network 15	96,100	589.31	630.50	1.07	0.00	176.00	416.00	790.54	1,770.00	4.49		
Network 16	60,203	627.83	703.89	1.12	0.00	198.00	425.00	820.00	1,900.00	4.14		
Network 17	95,336	636.46	651.39	1.02	0.00	220.00	450.00	840.00	1,904.00	3.82		
Network 18	145,295	615.71	598.89	0.97	0.00	220.00	456.00	830.00	1,725.00	3.77		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
EPO and Aranesp												
Network		Per session			Per session							
Network 1	80,077	57.45	57.66	1.00	2.71	20.08	40.31	76.54	172.00	3.81		
Network 2	158,301	62.87	63.51	1.01	0.08	22.00	45.71	84.50	183.33	3.84		
Network 3	103,543	64.88	70.16	1.08	0.00	20.00	44.29	85.71	200.00	4.29		
Network 4	104,738	67.74	82.23	1.21	0.00	20.77	45.08	86.07	205.00	4.14		
Network 5	153,677	69.77	77.07	1.10	1.69	22.50	48.46	91.67	200.45	4.07		
Network 6	255,436	66.45	71.85	1.08	0.00	21.54	46.00	88.00	200.00	4.09		
Network 7	140,850	63.81	70.87	1.11	1.67	20.50	43.85	83.69	195.81	4.08		
Network 8	155,489	65.65	80.15	1.22	0.77	20.38	44.46	84.38	200.00	4.14		
Network 9	183,047	65.31	67.43	1.03	1.64	21.77	46.00	88.31	198.00	4.06		
Network 10	98,824	64.32	69.19	1.08	0.00	21.85	46.00	86.72	190.00	3.97		
Network 11	149,050	15.60	21.89	1.40	0.00	0.00	9.55	25.10	51.00			
Network 12	99,092	58.13	67.41	1.16	0.00	19.00	40.00	76.31	178.89	4.02		
Network 13	113,382	63.80	65.60	1.03	0.00	22.00	45.79	85.00	185.25	3.86		
Network 14	226,099	59.30	63.55	1.07	0.00	20.00	42.16	80.00	177.08	4.00		
Network 15	96,100	49.83	54.58	1.10	0.00	15.00	35.00	67.38	150.00	4.49		
Network 16	60,203	52.19	59.68	1.14	0.00	16.15	35.54	69.23	154.09	4.29		
Network 17	95,336	53.21	54.55	1.03	0.00	18.57	37.54	70.00	160.00	3.77		
Network 18	145,295	52.30	53.18	1.02	0.00	19.23	39.62	70.00	145.86	3.64		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Iron												
Type of patient		Per month			Per month							
All patients*	2,616,750	131.22	216.69	1.65	0.00	0.00	40.85	198.00	528.00		52	85
HD only	2,467,523	138.20	217.90	1.58	0.00	0.00	66.00	204.25	528.00		54	88
PD only*	146,799	14.92	155.31	10.41	0.00	0.00	0.00	0.00	81.70		9	26
Male	1,302,527	139.81	223.49	1.60	0.00	0.00	66.00	204.25	528.00			
Female	1,164,858	136.40	211.48	1.55	0.00	0.00	65.36	204.25	528.00			
Age 0 to 17	2,836	132.10	252.05	1.91	0.00	0.00	0.00	198.00	528.00			
Age 18 to 44	331,392	138.38	227.00	1.64	0.00	0.00	66.00	204.25	528.00			
Age 45 to 59	610,682	136.10	218.15	1.60	0.00	0.00	65.35	204.25	528.00			
Age 60 to 69	575,210	139.07	216.31	1.56	0.00	0.00	66.00	204.25	528.00			
Age 70 to 79	631,039	139.83	216.93	1.55	0.00	0.00	66.00	204.25	531.05			
Age 80+	316,325	137.32	212.10	1.54	0.00	0.00	65.35	204.25	528.00			
Diabetic	1,633,881	140.30	214.27	1.53	0.00	0.00	66.00	210.00	528.00			
Non-diabetic	831,531	134.08	224.88	1.68	0.00	0.00	40.85	204.25	528.00			
BSA < 1.84	1,053,920	135.26	214.91	1.59	0.00	0.00	53.24	204.25	528.00			
BSA 1.84+	1,045,838	146.64	220.50	1.50	0.00	0.00	66.00	245.10	556.20			
RRT 0 to 5 months	285,332	211.69	269.84	1.27	0.00	0.00	136.40	326.80	660.00			
RRT 6 to 11 months	246,223	163.73	234.51	1.43	0.00	0.00	108.50	264.00	571.90			
RRT 12+ months	1,935,929	124.13	204.25	1.65	0.00	0.00	35.83	198.00	490.20			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Iron												
Type of patient		Per session			Per session							
All patients	2,616,750	11.06	19.05	1.72	0.00	0.00	3.14	17.51	44.00		52	85
HD only	2,467,523	11.63	18.93	1.63	0.00	0.00	5.08	18.85	45.51		54	88
PD only	146,799	1.30	14.57	11.21	0.00	0.00	0.00	0.00	6.35		9	26
Male	1,302,527	11.73	19.17	1.63	0.00	0.00	5.08	18.86	45.69			
Female	1,164,858	11.52	18.65	1.62	0.00	0.00	5.08	18.85	44.93			
Age 0 to 17	2,836	11.84	41.92	3.54	0.00	0.00	0.00	15.23	45.69			
Age 18 to 44	331,392	11.68	19.17	1.64	0.00	0.00	5.08	18.86	44.56			
Age 45 to 59	610,682	11.36	18.51	1.63	0.00	0.00	5.03	18.78	44.00			
Age 60 to 69	575,210	11.64	18.34	1.58	0.00	0.00	5.08	18.86	45.69			
Age 70 to 79	631,039	11.80	19.19	1.63	0.00	0.00	5.08	18.86	45.69			
Age 80+	316,325	11.73	19.64	1.67	0.00	0.00	5.08	18.85	45.69			
Diabetic	1,633,881	11.82	18.41	1.56	0.00	0.00	5.08	18.86	45.69			
Non-diabetic	831,531	11.26	19.90	1.77	0.00	0.00	4.00	17.51	44.00			
BSA < 1.84	1,053,920	11.48	19.02	1.66	0.00	0.00	4.71	18.69	45.69			
BSA 1.84+	1,045,838	12.30	19.04	1.55	0.00	0.00	5.84	20.31	46.20			
RRT 0 to 5 months	285,332	18.69	25.30	1.35	0.00	0.00	12.57	27.83	57.19			
RRT 6 to 11 months	246,223	13.80	19.75	1.43	0.00	0.00	9.43	20.94	47.14			
RRT 12+ months	1,935,929	10.31	17.41	1.69	0.00	0.00	2.92	15.71	40.85			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Iron												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	143.03	223.20	1.56	0.00	0.00	66.00	245.10	562.01			
Start of dialysis	23,135	110.31	211.77	1.92	0.00	0.00	0.00	162.85	522.80			
Training	338	179.44	205.61	1.15	0.00	0.00	132.00	326.80	653.60			
Transplant	5,130	70.02	177.12	2.53	0.00	0.00	0.00	81.70	312.00			
Death or withdrawal from dialysis	31,533	67.51	138.08	2.05	0.00	0.00	0.00	81.70	326.80			
Hospitalization only	364,987	130.59	205.53	1.57	0.00	0.00	66.00	198.00	490.20			
Modality switch	633	127.11	187.28	1.47	0.00	0.00	8.18	198.00	522.80			
Transfer between facilities	78,768	131.47	221.61	1.69	0.00	0.00	65.35	198.00	500.00			
Multiple events	22,269	117.61	189.21	1.61	0.00	0.00	40.85	163.40	462.00			
Unexplained low number of sessio	145,983	126.69	194.78	1.54	0.00	0.00	56.18	198.00	462.00			
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	134.45	185.59	1.38	0.00	0.00	66.00	214.93	522.80			
Hospital-based	299,035	168.88	363.98	2.16	0.00	0.00	9.51	194.00	777.60			
Freestanding non-chain	328,118	131.29	205.37	1.56	0.00	0.00	65.40	198.00	528.00			
Urban	1,986,035	138.95	217.55	1.57	0.00	0.00	66.00	204.25	528.00			
Rural	429,963	139.57	219.88	1.58	0.00	0.00	66.00	204.25	531.05			
Small	358,918	142.86	228.27	1.60	0.00	0.00	65.36	218.25	571.90			
Medium	945,194	136.71	212.71	1.56	0.00	0.00	66.00	204.25	528.00			
Large	1,163,411	137.98	218.78	1.59	0.00	0.00	65.36	204.25	528.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Iron												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	10.99	17.12	1.56	0.00	0.00	5.08	17.60	42.43			
Start of dialysis	23,135	17.11	37.30	2.18	0.00	0.00	0.00	27.23	66.00			
Training	338	13.00	14.99	1.15	0.00	0.00	8.73	22.00	42.43			
Transplant	5,130	11.15	23.53	2.11	0.00	0.00	0.00	16.50	49.50			
Death or withdrawal from dialysis	31,533	13.14	29.72	2.26	0.00	0.00	0.00	19.80	66.00			
Hospitalization only	364,987	13.62	21.49	1.58	0.00	0.00	6.00	22.00	51.99			
Modality switch	633	10.27	15.15	1.48	0.00	0.00	0.63	17.33	42.00			
Transfer between facilities	78,768	10.38	17.62	1.70	0.00	0.00	4.71	15.71	40.62			
Multiple events	22,269	11.85	18.77	1.58	0.00	0.00	4.54	18.00	46.69			
Unexplained low number of sessio	145,983	13.99	24.86	1.78	0.00	0.00	6.00	22.28	52.02			
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	11.31	15.92	1.41	0.00	0.00	5.12	18.86	43.99			
Hospital-based	299,035	14.28	32.29	2.26	0.00	0.00	0.78	16.15	63.75			
Freestanding non-chain	328,118	11.03	17.72	1.61	0.00	0.00	5.08	16.50	44.00			
Urban	1,986,035	11.71	18.77	1.60	0.00	0.00	5.08	18.86	45.69			
Urban	429,963	11.65	19.12	1.64	0.00	0.00	5.08	18.57	45.69			
Small	358,918	12.13	20.54	1.69	0.00	0.00	5.03	19.29	47.14			
Medium	945,194	11.48	18.04	1.57	0.00	0.00	5.08	18.86	44.00			
Large	1,163,411	11.60	19.11	1.65	0.00	0.00	5.08	18.85	45.39			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Iron												
Network		Per month			Per month							
Network 1	80,077	128.23	195.06	1.52	0.00	0.00	40.85	198.00	531.05			
Network 2	158,301	170.39	331.89	1.95	0.00	0.00	66.00	245.10	660.00			
Network 3	103,543	134.58	199.39	1.48	0.00	0.00	50.38	204.25	531.05			
Network 4	104,738	141.54	208.33	1.47	0.00	0.00	66.00	245.10	528.00			
Network 5	153,677	137.62	201.65	1.47	0.00	0.00	49.03	204.25	528.00			
Network 6	255,436	127.52	182.82	1.43	0.00	0.00	40.85	198.00	528.00			
Network 7	140,850	138.36	209.16	1.51	0.00	0.00	66.00	245.10	528.00			
Network 8	155,489	134.86	205.58	1.52	0.00	0.00	66.00	204.25	528.00			
Network 9	183,047	144.27	188.93	1.31	0.00	0.00	81.70	245.10	501.60			
Network 10	98,824	148.56	247.27	1.66	0.00	0.00	66.00	204.25	571.90			
Network 11	149,050	152.57	213.88	1.40	0.00	0.00	66.00	261.40	576.28			
Network 12	99,092	146.55	237.27	1.62	0.00	0.00	66.00	204.25	571.90			
Network 13	113,382	152.14	206.46	1.36	0.00	0.00	81.70	264.00	528.00			
Network 14	226,099	148.20	214.39	1.45	0.00	0.00	66.00	264.00	588.15			
Network 15	96,100	135.88	271.22	2.00	0.00	0.00	16.34	198.00	490.20			
Network 16	60,203	111.25	186.54	1.68	0.00	0.00	40.85	163.40	408.50			
Network 17	95,336	100.92	200.33	1.99	0.00	0.00	0.00	163.40	396.00			
Network 18	145,295	121.17	175.40	1.45	0.00	0.00	40.85	198.00	462.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Iron												
Network		Per session			Per session							
Network 1	80,077	10.66	16.40	1.54	0.00	0.00	3.40	15.71	44.00	6.11		
Network 2	158,301	14.25	27.49	1.93	0.00	0.00	5.08	20.31	56.56			
Network 3	103,543	11.50	17.22	1.50	0.00	0.00	4.71	18.00	45.69			
Network 4	104,738	11.99	18.03	1.50	0.00	0.00	5.08	20.31	45.85			
Network 5	153,677	11.69	17.31	1.48	0.00	0.00	4.71	18.86	45.69			
Network 6	255,436	10.69	15.85	1.48	0.00	0.00	4.47	15.71	44.00			
Network 7	140,850	11.73	17.55	1.50	0.00	0.00	5.08	19.96	45.69			
Network 8	155,489	11.26	17.60	1.56	0.00	0.00	5.08	17.02	45.24			
Network 9	183,047	12.15	16.60	1.37	0.00	0.00	7.48	20.31	43.57			
Network 10	98,824	12.75	23.57	1.85	0.00	0.00	5.84	18.85	47.66			
Network 11	149,050	2.48	2.87	1.16	0.00	0.55	2.44	3.36	5.59			
Network 12	99,092	12.29	20.33	1.65	0.00	0.00	5.08	18.67	47.66			
Network 13	113,382	12.93	17.72	1.37	0.00	0.00	8.17	20.43	44.00			
Network 14	226,099	12.38	19.22	1.55	0.00	0.00	5.08	20.31	47.14			
Network 15	96,100	11.36	24.30	2.14	0.00	0.00	1.36	16.50	41.25			
Network 16	60,203	9.18	16.10	1.75	0.00	0.00	3.71	13.07	35.54			
Network 17	95,336	8.35	15.91	1.91	0.00	0.00	0.00	14.14	33.00			
Network 18	145,295	10.19	14.96	1.47	0.00	0.00	3.40	18.00	38.96			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vitamin D												
Type of patient		Per month			Per month							
All patients*	2,616,750	186.52	302.32	1.62	0.00	0.00	100.40	301.08	652.60		60	73
HD only	2,467,523	197.63	307.73	1.56	0.00	0.00	125.44	301.20	652.60		64	77
PD only*	146,799	2.16	25.26	11.69	0.00	0.00	0.00	0.00	0.00		2	6
Male	1,302,527	199.33	320.27	1.61	0.00	0.00	124.20	301.20	652.60			
Female	1,164,858	195.75	293.07	1.50	0.00	0.00	125.50	301.20	652.60			
Age 0 to 17	2,836	243.54	480.75	1.97	0.00	0.00	91.40	303.60	903.60			
Age 18 to 44	331,392	240.03	371.54	1.55	0.00	0.00	150.60	331.20	777.79			
Age 45 to 59	610,682	228.77	338.89	1.48	0.00	0.00	150.60	326.30	702.80			
Age 60 to 69	575,210	201.02	314.31	1.56	0.00	0.00	130.53	301.20	652.60			
Age 70 to 79	631,039	168.44	255.86	1.52	0.00	0.00	100.40	275.99	602.16			
Age 80+	316,325	144.80	227.52	1.57	0.00	0.00	70.26	238.23	502.00			
Diabetic	1,633,881	191.60	290.73	1.52	0.00	0.00	120.48	301.20	652.60			
Non-diabetic	831,531	209.40	338.34	1.62	0.00	0.00	130.53	308.00	676.00			
BSA < 1.84	1,053,920	171.88	261.53	1.52	0.00	0.00	100.40	276.10	602.40			
BSA 1.84+	1,045,838	202.09	310.00	1.53	0.00	0.00	130.53	302.41	652.60			
RRT 0 to 5 months	285,332	124.14	220.39	1.78	0.00	0.00	9.51	200.80	481.75			
RRT 6 to 11 months	246,223	146.34	237.49	1.62	0.00	0.00	61.99	240.96	526.89			
RRT 12+ months	1,935,929	214.99	323.94	1.51	0.00	0.00	136.85	326.18	667.66			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vitamin D												
Type of patient		Per session			Per session							
All patients	2,616,750	15.32	24.87	1.62	0.00	0.00	9.32	25.09	50.20		60	73
HD only	2,467,523	16.22	25.24	1.56	0.00	0.00	10.04	25.10	50.20		64	77
PD only	146,799	0.20	3.36	16.80	0.00	0.00	0.00	0.00	0.00		2	6
Male	1,302,527	16.30	26.09	1.60	0.00	0.00	10.04	25.10	50.20			
Female	1,164,858	16.12	24.25	1.50	0.00	0.00	10.04	25.10	50.20			
Age 0 to 17	2,836	20.35	41.23	2.03	0.00	0.00	8.37	25.10	75.30			
Age 18 to 44	331,392	19.80	30.16	1.52	0.00	0.00	12.91	27.03	64.00			
Age 45 to 59	610,682	18.68	27.12	1.45	0.00	0.00	12.97	25.10	56.45			
Age 60 to 69	575,210	16.46	26.87	1.63	0.00	0.00	10.04	25.10	50.20			
Age 70 to 79	631,039	13.83	20.80	1.50	0.00	0.00	9.27	22.78	50.18			
Age 80+	316,325	11.99	18.74	1.56	0.00	0.00	6.23	20.08	41.70			
Diabetic	1,633,881	15.75	23.81	1.51	0.00	0.00	10.04	25.09	50.20			
Non-diabetic	831,531	17.14	27.81	1.62	0.00	0.00	10.04	25.10	52.52			
BSA < 1.84	1,053,920	14.22	21.96	1.54	0.00	0.00	9.43	23.17	50.20			
BSA 1.84+	1,045,838	16.54	25.42	1.54	0.00	0.00	10.04	25.10	50.20			
RRT 0 to 5 months	285,332	10.59	18.34	1.73	0.00	0.00	0.77	17.93	40.16			
RRT 6 to 11 months	246,223	12.20	20.13	1.65	0.00	0.00	5.34	20.08	44.58			
RRT 12+ months	1,935,929	17.56	26.50	1.51	0.00	0.00	11.58	25.10	51.46			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vitamin D												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	215.89	326.80	1.51	0.00	0.00	140.26	326.30	662.64			
Start of dialysis	23,135	30.48	85.19	2.79	0.00	0.00	0.00	20.08	175.70			
Training	338	156.41	202.20	1.29	0.00	0.00	57.73	301.20	602.40			
Transplant	5,130	112.52	177.35	1.58	0.00	0.00	50.18	160.64	426.70			
Death or withdrawal from dialysis	31,533	65.73	126.57	1.93	0.00	0.00	0.00	86.40	288.00			
Hospitalization only	364,987	150.68	243.52	1.62	0.00	0.00	75.26	225.90	552.20			
Modality switch	633	85.13	170.82	2.01	0.00	0.00	0.00	124.20	417.25			
Transfer between facilities	78,768	192.58	294.13	1.53	0.00	0.00	120.48	290.38	652.34			
Multiple events	22,269	122.37	217.16	1.77	0.00	0.00	36.64	180.71	481.93			
Unexplained low number of sessio	145,983	163.29	243.71	1.49	0.00	0.00	96.90	250.90	552.20			
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	193.25	228.52	1.18	0.00	0.00	130.53	301.20	652.60			
Hospital-based	299,035	275.96	636.42	2.31	0.00	0.00	41.90	320.00	1,203.15			
Freestanding non-chain	328,118	150.84	205.33	1.36	0.00	0.00	82.50	251.00	528.00			
Urban	1,986,035	200.55	307.44	1.53	0.00	0.00	130.53	301.20	652.60			
Rural	429,963	182.79	280.17	1.53	0.00	0.00	100.40	286.00	652.60			
Small	358,918	171.67	274.37	1.60	0.00	0.00	75.28	271.08	652.34			
Medium	945,194	193.27	324.19	1.68	0.00	0.00	120.48	301.20	652.60			
Large	1,163,411	209.19	303.11	1.45	0.00	0.00	130.53	311.24	652.60			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vitamin D												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	16.57	25.05	1.51	0.00	0.00	10.04	25.10	50.20			
Start of dialysis	23,135	4.44	12.56	2.83	0.00	0.00	0.00	3.45	25.10			
Training	338	11.36	14.40	1.27	0.00	0.00	4.44	20.08	41.83			
Transplant	5,130	17.85	28.68	1.61	0.00	0.00	10.04	25.10	55.22			
Death or withdrawal from dialysis	31,533	12.49	20.62	1.65	0.00	0.00	0.00	21.45	50.20			
Hospitalization only	364,987	15.50	23.93	1.54	0.00	0.00	9.17	25.09	50.20			
Modality switch	633	6.85	13.97	2.04	0.00	0.00	0.00	9.42	33.67			
Transfer between facilities	78,768	15.15	29.69	1.96	0.00	0.00	9.62	22.95	50.20			
Multiple events	22,269	12.13	20.88	1.72	0.00	0.00	4.18	18.71	46.02			
Unexplained low number of sessio	145,983	17.50	29.98	1.71	0.00	0.00	10.04	25.10	54.76			
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	15.85	18.44	1.16	0.00	0.00	10.81	25.10	50.20			
Hospital-based	299,035	22.69	52.92	2.33	0.00	0.00	3.76	26.56	97.15			
Freestanding non-chain	328,118	12.37	16.69	1.35	0.00	0.00	7.53	20.70	44.00			
Urban	1,986,035	16.47	24.78	1.50	0.00	0.00	10.04	25.10	50.20			
Urban	429,963	14.90	23.91	1.60	0.00	0.00	8.96	23.87	50.20			
Small	358,918	14.20	25.67	1.81	0.00	0.00	6.77	22.41	50.20			
Medium	945,194	15.83	25.82	1.63	0.00	0.00	10.04	25.10	50.20			
Large	1,163,411	17.15	24.58	1.43	0.00	0.00	10.81	25.10	50.20			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vitamin D												
Network		Per month			Per month							
Network 1	80,077	178.43	240.18	1.35	0.00	0.00	115.86	286.00	627.50			
Network 2	158,301	247.51	593.89	2.40	0.00	0.00	130.53	308.00	783.13			
Network 3	103,543	197.07	326.63	1.66	0.00	0.00	100.40	286.14	662.64			
Network 4	104,738	189.70	250.33	1.32	0.00	0.00	120.48	301.20	652.60			
Network 5	153,677	220.85	279.80	1.27	0.00	0.00	150.60	326.30	682.73			
Network 6	255,436	227.76	248.85	1.09	0.00	0.00	179.40	326.30	662.64			
Network 7	140,850	193.64	237.29	1.23	0.00	0.00	130.53	301.20	652.60			
Network 8	155,489	203.83	272.35	1.34	0.00	0.00	143.06	308.00	652.60			
Network 9	183,047	175.19	233.89	1.34	0.00	0.00	100.40	281.13	622.48			
Network 10	98,824	200.73	339.58	1.69	0.00	0.00	120.48	301.08	652.60			
Network 11	149,050	190.16	270.10	1.42	0.00	0.00	104.24	301.20	653.78			
Network 12	99,092	195.79	354.96	1.81	0.00	0.00	50.18	301.20	702.80			
Network 13	113,382	200.92	300.69	1.50	0.00	0.00	130.53	301.20	652.60			
Network 14	226,099	191.44	280.57	1.47	0.00	0.00	125.50	289.80	652.60			
Network 15	96,100	154.25	281.16	1.82	0.00	0.00	70.28	240.96	552.20			
Network 16	60,203	153.45	250.54	1.63	0.00	0.00	56.78	240.96	602.16			
Network 17	95,336	173.32	213.94	1.23	0.00	0.00	118.67	301.08	602.40			
Network 18	145,295	181.62	212.00	1.17	0.00	0.00	130.53	301.20	602.40			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vitamin D												
Network		Per session			Per session							
Network 1	80,077	14.52	19.25	1.33	0.00	0.00	9.91	24.12	50.20			
Network 2	158,301	20.18	46.75	2.32	0.00	0.00	11.20	25.10	65.26			
Network 3	103,543	16.35	26.62	1.63	0.00	0.00	9.27	25.09	51.66			
Network 4	104,738	15.63	20.28	1.30	0.00	0.00	10.04	25.10	50.20			
Network 5	153,677	18.25	22.89	1.25	0.00	0.00	13.52	25.10	51.99			
Network 6	255,436	18.66	20.05	1.07	0.00	0.00	14.34	25.10	50.20			
Network 7	140,850	16.00	19.24	1.20	0.00	0.00	10.04	25.10	50.20			
Network 8	155,489	16.62	21.96	1.32	0.00	0.00	12.36	25.10	50.20			
Network 9	183,047	14.41	19.14	1.33	0.00	0.00	9.27	23.30	50.20			
Network 10	98,824	16.63	28.69	1.73	0.00	0.00	10.04	25.09	51.63			
Network 11	149,050	12.84	18.54	1.44	0.00	0.00	6.00	20.31	47.58			
Network 12	99,092	16.01	28.67	1.79	0.00	0.00	4.25	25.10	57.12			
Network 13	113,382	16.64	24.02	1.44	0.00	0.00	10.04	25.10	50.20			
Network 14	226,099	15.67	25.33	1.62	0.00	0.00	10.04	24.11	50.20			
Network 15	96,100	12.59	22.62	1.80	0.00	0.00	6.18	20.08	45.08			
Network 16	60,203	12.34	19.89	1.61	0.00	0.00	5.02	19.71	47.34			
Network 17	95,336	14.08	17.13	1.22	0.00	0.00	10.04	25.09	50.20			
Network 18	145,295	14.87	17.27	1.16	0.00	0.00	10.04	25.10	50.20			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Anemia Labs												
Type of patient		Per month			Per month							
All patients*	2,616,750	27.88	20.62	0.74	0.00	17.17	26.85	40.29	57.88	2.35	78	96
HD only	2,467,523	28.08	20.61	0.73	0.00	17.17	26.85	40.29	58.13	2.35	79	96
PD only*	146,799	24.39	20.49	0.84	0.00	0.00	21.26	40.29	51.51		71	92
Male	1,302,527	28.08	20.66	0.74	0.00	17.17	26.85	40.29	58.13	2.35		
Female	1,164,858	28.09	20.55	0.73	0.00	17.17	26.85	40.29	58.13	2.35		
Age 0 to 17	2,836	24.88	21.21	0.85	0.00	0.00	21.26	40.29	53.68			
Age 18 to 44	331,392	27.93	20.85	0.75	0.00	17.17	26.85	40.29	56.16	2.35		
Age 45 to 59	610,682	27.91	20.29	0.73	0.00	17.17	26.85	40.29	53.68	2.35		
Age 60 to 69	575,210	28.19	20.44	0.73	0.00	17.80	26.85	40.29	58.13	2.26		
Age 70 to 79	631,039	28.36	20.77	0.73	0.00	18.83	26.85	40.29	58.92	2.14		
Age 80+	316,325	27.85	20.91	0.75	0.00	17.17	26.85	40.29	59.13	2.35		
Diabetic	1,633,881	28.23	20.56	0.73	0.00	18.83	26.85	40.29	58.13	2.14		
Non-diabetic	831,531	27.79	20.70	0.74	0.00	17.17	26.85	40.29	58.13	2.35		
BSA < 1.84	1,053,920	28.27	20.68	0.73	0.00	18.83	26.85	40.29	58.13	2.14		
BSA 1.84+	1,045,838	27.98	20.68	0.74	0.00	17.17	26.85	40.29	58.13	2.35		
RRT 0 to 5 months	285,332	28.84	22.85	0.79	0.00	6.62	26.85	40.29	66.94	6.09		
RRT 6 to 11 months	246,223	27.90	20.70	0.74	0.00	17.17	26.85	40.29	58.13	2.35		
RRT 12+ months	1,935,929	27.99	20.24	0.72	0.00	18.83	26.85	40.29	53.68	2.14		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Anemia Labs												
Type of patient		Per session			Per session							
All patients	2,616,750	2.49	3.07	1.23	0.00	1.32	2.21	3.36	5.76	2.55	78	96
HD only	2,467,523	2.51	2.97	1.18	0.00	1.36	2.24	3.36	5.76	2.47	79	96
PD only	146,799	2.09	3.44	1.65	0.00	0.00	1.65	3.13	4.63		71	92
Male	1,302,527	2.49	2.96	1.19	0.00	1.36	2.24	3.36	5.76	2.47		
Female	1,164,858	2.52	2.98	1.18	0.00	1.36	2.24	3.36	5.81	2.47		
Age 0 to 17	2,836	2.33	3.68	1.58	0.00	0.00	1.92	3.36	5.60			
Age 18 to 44	331,392	2.48	2.75	1.11	0.00	1.34	2.24	3.36	5.76	2.51		
Age 45 to 59	610,682	2.43	2.63	1.08	0.00	1.36	2.22	3.35	5.58	2.46		
Age 60 to 69	575,210	2.51	2.96	1.18	0.00	1.43	2.24	3.36	5.76	2.35		
Age 70 to 79	631,039	2.57	3.20	1.25	0.00	1.43	2.24	3.36	6.03	2.35		
Age 80+	316,325	2.56	3.28	1.28	0.00	1.32	2.24	3.36	6.20	2.55		
Diabetic	1,633,881	2.52	2.96	1.17	0.00	1.43	2.24	3.36	5.81	2.35		
Non-diabetic	831,531	2.47	2.97	1.20	0.00	1.32	2.22	3.36	5.75	2.55		
BSA < 1.84	1,053,920	2.56	3.13	1.22	0.00	1.43	2.24	3.36	6.01	2.35		
BSA 1.84+	1,045,838	2.49	2.93	1.18	0.00	1.32	2.24	3.36	5.76	2.55		
RRT 0 to 5 months	285,332	3.23	5.43	1.68	0.00	0.66	2.50	3.62	8.96	5.48		
RRT 6 to 11 months	246,223	2.46	2.66	1.08	0.00	1.32	2.24	3.36	5.76	2.55		
RRT 12+ months	1,935,929	2.40	2.42	1.01	0.00	1.43	2.24	3.34	5.39	2.34		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Anemia Labs												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	28.21	19.75	0.70	0.00	18.83	26.85	40.29	53.68	2.14		
Start of dialysis	23,135	37.59	29.42	0.78	0.00	5.59	40.29	46.91	88.22	8.39		
Training	338	30.75	21.02	0.68	0.00	21.26	30.23	41.33	66.42	1.94		
Transplant	5,130	19.86	21.51	1.08	0.00	0.00	20.48	40.29	51.51			
Death or withdrawal from dialysis	31,533	16.33	20.91	1.28	0.00	0.00	0.00	36.20	48.09			
Hospitalization only	364,987	27.13	21.46	0.79	0.00	3.31	26.22	40.29	59.31	12.17		
Modality switch	633	28.33	25.32	0.89	0.00	0.00	25.46	40.29	75.72			
Transfer between facilities	78,768	31.88	24.83	0.78	0.00	18.83	34.80	41.79	80.58	2.22		
Multiple events	22,269	32.80	27.98	0.85	0.00	3.31	36.20	45.88	86.21	13.86		
Unexplained low number of sessio	145,983	27.41	21.61	0.79	0.00	9.05	24.57	40.29	58.13	4.45		
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	28.33	19.49	0.69	0.00	21.26	26.85	40.29	53.54	1.90		
Hospital-based	299,035	20.92	21.52	1.03	0.00	0.00	21.26	40.29	51.51			
Freestanding non-chain	328,118	33.23	23.80	0.72	0.00	18.83	37.86	45.92	74.89	2.44		
Urban	1,986,035	28.42	20.53	0.72	0.00	18.83	26.85	40.29	58.13	2.14		
Rural	429,963	27.17	20.74	0.76	0.00	13.24	26.85	40.29	58.13	3.04		
Small	358,918	28.01	21.71	0.78	0.00	17.17	26.85	40.29	61.55	2.35		
Medium	945,194	28.11	20.45	0.73	0.00	18.83	26.85	40.29	59.31	2.14		
Large	1,163,411	28.08	20.39	0.73	0.00	17.17	26.85	40.29	53.68	2.35		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Anemia Labs												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	2.17	1.52	0.70	0.00	1.45	2.07	3.10	4.29	2.14		
Start of dialysis	23,135	10.03	13.88	1.38	0.00	1.32	6.16	12.20	40.29	9.24		
Training	338	2.38	2.00	0.84	0.00	1.23	2.13	3.19	5.84	2.59		
Transplant	5,130	3.66	6.44	1.76	0.00	0.00	2.12	4.73	13.24			
Death or withdrawal from dialysis	31,533	3.45	6.50	1.88	0.00	0.00	0.00	4.83	13.43			
Hospitalization only	364,987	3.19	4.10	1.29	0.00	0.33	2.69	4.17	8.19	12.64		
Modality switch	633	2.39	2.55	1.07	0.00	0.00	2.08	3.42	6.20			
Transfer between facilities	78,768	2.57	2.44	0.95	0.00	1.45	2.59	3.36	6.41	2.32		
Multiple events	22,269	3.75	4.32	1.15	0.00	0.28	3.10	5.04	10.82	18.00		
Unexplained low number of sessio	145,983	3.30	4.29	1.30	0.00	1.01	2.66	4.48	8.01	4.44		
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	2.51	2.80	1.12	0.00	1.52	2.24	3.34	5.72	2.20		
Hospital-based	299,035	1.91	3.04	1.59	0.00	0.00	1.64	3.10	5.04			
Freestanding non-chain	328,118	3.00	3.61	1.20	0.00	1.45	2.91	3.83	6.98	2.64		
Urban	1,986,035	2.54	2.99	1.18	0.00	1.45	2.24	3.36	5.85	2.32		
Urban	429,963	2.39	2.79	1.17	0.00	1.12	2.07	3.28	5.60	2.93		
Small	358,918	2.55	3.29	1.29	0.00	1.23	2.24	3.36	6.25	2.73		
Medium	945,194	2.50	2.94	1.18	0.00	1.43	2.24	3.34	5.85	2.34		
Large	1,163,411	2.49	2.88	1.16	0.00	1.36	2.24	3.36	5.74	2.47		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Anemia Labs												
Network		Per month			Per month							
Network 1	80,077	28.52	19.87	0.70	0.00	21.26	26.85	40.29	57.65	1.90		
Network 2	158,301	28.42	23.99	0.84	0.00	0.00	29.06	45.88	66.94			
Network 3	103,543	28.49	20.04	0.70	0.00	21.26	26.85	40.29	58.13	1.90		
Network 4	104,738	26.70	20.91	0.78	0.00	9.05	22.76	40.29	58.13	4.45		
Network 5	153,677	28.99	18.31	0.63	0.00	21.26	26.85	40.29	51.51	1.90		
Network 6	255,436	29.69	20.33	0.68	0.00	21.26	26.89	40.29	61.35	1.90		
Network 7	140,850	29.51	19.75	0.67	0.00	21.26	26.85	40.29	61.55	1.90		
Network 8	155,489	28.77	20.68	0.72	0.00	17.17	26.85	40.29	59.32	2.35		
Network 9	183,047	25.69	21.01	0.82	0.00	0.00	23.79	40.29	51.51			
Network 10	98,824	29.54	19.68	0.67	0.00	17.17	36.20	45.88	51.51	2.67		
Network 11	149,050	27.89	21.08	0.76	0.00	6.62	26.89	40.29	52.54	6.09		
Network 12	99,092	24.86	22.71	0.91	0.00	0.00	21.26	40.29	61.35			
Network 13	113,382	30.50	19.92	0.65	0.00	21.26	29.06	43.45	57.90	2.04		
Network 14	226,099	29.62	18.07	0.61	0.00	21.26	26.85	40.29	53.68	1.90		
Network 15	96,100	26.81	18.80	0.70	0.00	17.17	26.85	40.29	51.51	2.35		
Network 16	60,203	20.62	21.69	1.05	0.00	0.00	18.83	37.86	45.92			
Network 17	95,336	26.37	19.74	0.75	0.00	18.83	21.26	40.29	51.51	2.14		
Network 18	145,295	29.60	22.21	0.75	0.00	21.26	24.42	40.29	66.42	1.90		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Anemia Labs												
Network		Per session			Per session							
Network 1	80,077	2.51	3.03	1.21	0.00	1.52	2.13	3.10	5.76	2.04		
Network 2	158,301	2.58	3.64	1.41	0.00	0.00	2.55	3.53	6.55			
Network 3	103,543	2.58	2.98	1.16	0.00	1.52	2.16	3.36	5.91	2.21		
Network 4	104,738	2.37	2.82	1.19	0.00	0.87	2.07	3.28	5.66	3.77		
Network 5	153,677	2.61	2.89	1.11	0.00	1.64	2.13	3.35	5.74	2.04		
Network 6	255,436	2.60	2.73	1.05	0.00	1.64	2.61	3.36	6.01	2.05		
Network 7	140,850	2.65	2.99	1.13	0.00	1.64	2.32	3.36	6.06	2.05		
Network 8	155,489	2.53	2.85	1.13	0.00	1.32	2.50	3.36	5.85	2.55		
Network 9	183,047	2.31	2.90	1.26	0.00	0.00	2.07	3.28	5.74			
Network 10	98,824	2.66	2.92	1.10	0.00	1.32	2.78	3.53	5.74	2.67		
Network 11	149,050	3.22	4.44	1.38	0.00	0.00	4.12	5.00	8.87			
Network 12	99,092	2.22	2.97	1.34	0.00	0.00	1.77	3.12	6.30			
Network 13	113,382	2.77	2.94	1.06	0.00	1.64	2.67	3.53	6.17	2.15		
Network 14	226,099	2.62	2.77	1.06	0.00	1.64	2.24	3.34	5.58	2.04		
Network 15	96,100	2.33	2.43	1.04	0.00	1.32	2.32	3.10	4.94	2.35		
Network 16	60,203	1.81	2.81	1.55	0.00	0.00	1.52	2.91	4.98			
Network 17	95,336	2.32	2.69	1.16	0.00	1.29	1.88	3.17	5.11	2.46		
Network 18	145,295	2.68	3.48	1.30	0.00	1.52	2.13	3.36	6.30	2.21		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vitamin D Labs												
Type of patient		Per month			Per month							
All patients*	2,616,750	34.28	33.88	0.99	0.00	0.00	55.60	57.67	79.51		63	94
HD only	2,467,523	34.82	33.95	0.98	0.00	0.00	57.67	57.67	79.51		64	94
PD only*	146,799	25.19	31.19	1.24	0.00	0.00	0.00	57.67	62.71		46	88
Male	1,302,527	34.62	34.11	0.99	0.00	0.00	57.67	57.67	79.51			
Female	1,164,858	35.05	33.78	0.96	0.00	0.00	57.67	57.67	79.51			
Age 0 to 17	2,836	36.54	39.55	1.08	0.00	0.00	28.84	57.67	115.34			
Age 18 to 44	331,392	36.87	34.94	0.95	0.00	0.00	57.67	64.02	79.51			
Age 45 to 59	610,682	35.66	33.85	0.95	0.00	0.00	57.67	61.12	79.51			
Age 60 to 69	575,210	34.71	33.51	0.97	0.00	0.00	57.67	57.67	79.51			
Age 70 to 79	631,039	34.00	34.15	1.00	0.00	0.00	51.90	57.67	79.51			
Age 80+	316,325	32.91	33.31	1.01	0.00	0.00	21.84	57.67	77.35			
Diabetic	1,633,881	34.56	33.86	0.98	0.00	0.00	57.67	57.67	79.51			
Non-diabetic	831,531	35.35	34.13	0.97	0.00	0.00	57.67	57.67	79.51			
BSA < 1.84	1,053,920	34.01	33.61	0.99	0.00	0.00	38.66	57.67	79.51			
BSA 1.84+	1,045,838	34.88	34.04	0.98	0.00	0.00	57.67	57.67	79.51			
RRT 0 to 5 months	285,332	33.13	33.72	1.02	0.00	0.00	25.37	57.67	76.76			
RRT 6 to 11 months	246,223	32.37	33.17	1.02	0.00	0.00	19.09	57.67	76.76			
RRT 12+ months	1,935,929	35.39	34.06	0.96	0.00	0.00	57.67	57.67	79.51			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vitamin D Labs												
Type of patient		Per session			Per session							
All patients	2,616,750	3.03	4.11	1.36	0.00	0.00	3.84	4.84	7.88		63	94
HD only	2,467,523	3.07	4.01	1.31	0.00	0.00	4.12	5.00	8.03		64	94
PD only	146,799	2.16	4.32	2.00	0.00	0.00	0.00	4.34	5.78		46	88
Male	1,302,527	3.04	4.03	1.33	0.00	0.00	4.12	4.94	7.73			
Female	1,164,858	3.10	4.00	1.29	0.00	0.00	4.12	5.00	8.12			
Age 0 to 17	2,836	3.43	5.98	1.74	0.00	0.00	2.47	4.94	9.61			
Age 18 to 44	331,392	3.24	4.25	1.31	0.00	0.00	4.12	5.00	8.24			
Age 45 to 59	610,682	3.08	3.76	1.22	0.00	0.00	4.12	5.00	7.58			
Age 60 to 69	575,210	3.04	3.91	1.29	0.00	0.00	4.12	4.97	7.65			
Age 70 to 79	631,039	3.03	4.15	1.37	0.00	0.00	3.84	4.82	8.12			
Age 80+	316,325	2.97	4.12	1.39	0.00	0.00	1.82	4.81	8.14			
Diabetic	1,633,881	3.05	3.96	1.30	0.00	0.00	4.12	4.97	7.99			
Non-diabetic	831,531	3.11	4.11	1.32	0.00	0.00	4.12	5.00	8.10			
BSA < 1.84	1,053,920	3.04	4.15	1.37	0.00	0.00	3.48	4.92	8.12			
BSA 1.84+	1,045,838	3.07	3.96	1.29	0.00	0.00	4.12	5.00	7.84			
RRT 0 to 5 months	285,332	3.65	6.25	1.71	0.00	0.00	2.37	5.00	10.83			
RRT 6 to 11 months	246,223	2.83	3.61	1.28	0.00	0.00	1.56	4.81	7.22			
RRT 12+ months	1,935,929	3.01	3.61	1.20	0.00	0.00	4.12	5.00	7.22			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vitamin D Labs												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	35.50	33.84	0.95	0.00	0.00	57.67	58.45	79.51			
Start of dialysis	23,135	42.64	33.30	0.78	0.00	0.00	57.67	57.67	84.04			
Training	338	38.49	33.21	0.86	0.00	0.00	57.67	57.67	80.51			
Transplant	5,130	30.55	34.46	1.13	0.00	0.00	12.60	57.67	79.68			
Death or withdrawal from dialysis	31,533	17.99	28.29	1.57	0.00	0.00	0.00	57.67	64.95			
Hospitalization only	364,987	32.25	33.59	1.04	0.00	0.00	16.52	57.67	76.76			
Modality switch	633	31.64	35.51	1.12	0.00	0.00	7.28	57.67	95.85			
Transfer between facilities	78,768	39.01	36.85	0.94	0.00	0.00	57.67	61.78	115.34			
Multiple events	22,269	38.63	37.90	0.98	0.00	0.00	57.67	57.67	115.34			
Unexplained low number of sessio	145,983	32.71	33.61	1.03	0.00	0.00	19.09	57.67	76.76			
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	36.11	33.32	0.92	0.00	0.00	57.67	58.90	79.51			
Hospital-based	299,035	25.76	34.55	1.34	0.00	0.00	0.00	57.67	76.76			
Freestanding non-chain	328,118	35.85	35.66	0.99	0.00	0.00	51.90	61.49	86.79			
Urban	1,986,035	35.44	34.06	0.96	0.00	0.00	57.67	57.67	79.51			
Rural	429,963	33.05	33.52	1.01	0.00	0.00	29.12	57.67	76.76			
Small	358,918	33.24	34.64	1.04	0.00	0.00	21.84	57.67	78.58			
Medium	945,194	34.70	33.69	0.97	0.00	0.00	57.67	57.67	79.51			
Large	1,163,411	35.42	33.94	0.96	0.00	0.00	57.67	57.67	79.51			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vitamin D Labs												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	2.72	2.60	0.96	0.00	0.00	4.12	4.81	6.12			
Start of dialysis	23,135	11.10	14.75	1.33	0.00	0.00	7.21	14.42	42.14			
Training	338	2.95	3.00	1.02	0.00	0.00	3.60	4.44	7.23			
Transplant	5,130	7.05	13.70	1.94	0.00	0.00	3.63	8.12	25.56			
Death or withdrawal from dialysis	31,533	3.72	8.06	2.17	0.00	0.00	0.00	5.77	19.22			
Hospitalization only	364,987	3.72	5.55	1.49	0.00	0.00	1.74	5.90	10.83			
Modality switch	633	2.68	3.68	1.37	0.00	0.00	0.59	4.64	8.48			
Transfer between facilities	78,768	3.14	3.46	1.10	0.00	0.00	4.12	4.81	8.87			
Multiple events	22,269	4.38	5.52	1.26	0.00	0.00	4.44	6.41	12.99			
Unexplained low number of sessio	145,983	3.87	5.61	1.45	0.00	0.00	2.08	6.41	10.49			
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	3.17	3.89	1.23	0.00	0.00	4.12	5.00	7.68			
Hospital-based	299,035	2.31	4.17	1.81	0.00	0.00	0.00	4.44	7.21			
Freestanding non-chain	328,118	3.19	4.45	1.39	0.00	0.00	3.84	5.00	8.87			
Urban	1,986,035	3.13	4.07	1.30	0.00	0.00	4.12	5.00	8.24			
Urban	429,963	2.87	3.71	1.29	0.00	0.00	2.45	4.81	6.98			
Small	358,918	2.99	4.23	1.41	0.00	0.00	2.11	4.81	7.77			
Medium	945,194	3.05	3.93	1.29	0.00	0.00	4.12	5.00	7.85			
Large	1,163,411	3.11	4.01	1.29	0.00	0.00	4.12	5.00	8.12			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vitamin D Labs												
Network		Per month			Per month							
Network 1	80,077	39.82	34.69	0.87	0.00	1.15	57.67	64.95	79.51	56.48		
Network 2	158,301	34.92	36.45	1.04	0.00	0.00	21.84	60.59	87.75			
Network 3	103,543	27.81	32.08	1.15	0.00	0.00	7.28	57.67	66.33			
Network 4	104,738	34.39	34.63	1.01	0.00	0.00	21.84	57.67	83.11			
Network 5	153,677	39.25	34.47	0.88	0.00	0.00	57.67	64.95	84.04			
Network 6	255,436	37.19	33.00	0.89	0.00	0.00	57.67	57.67	79.51			
Network 7	140,850	32.33	34.67	1.07	0.00	0.00	12.70	57.67	84.04			
Network 8	155,489	36.06	33.73	0.94	0.00	0.00	57.67	64.95	79.51			
Network 9	183,047	36.97	33.02	0.89	0.00	0.00	57.67	63.87	76.76			
Network 10	98,824	37.60	32.38	0.86	0.00	0.00	57.67	57.67	64.95			
Network 11	149,050	36.50	38.72	1.06	0.00	0.00	57.67	57.67	86.79			
Network 12	99,092	29.65	31.85	1.07	0.00	0.00	7.28	57.67	76.76			
Network 13	113,382	34.29	33.32	0.97	0.00	0.00	57.67	57.67	79.51			
Network 14	226,099	37.48	34.20	0.91	0.00	0.00	57.67	64.95	79.51			
Network 15	96,100	30.83	32.47	1.05	0.00	0.00	7.28	57.67	76.76			
Network 16	60,203	32.61	32.54	1.00	0.00	0.00	32.95	57.67	72.23			
Network 17	95,336	31.17	31.87	1.02	0.00	0.00	14.56	57.67	75.03			
Network 18	145,295	32.27	31.33	0.97	0.00	0.00	28.00	57.67	70.15			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1A: Selected Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vitamin D Labs												
Network		Per session			Per session							
Network 1	80,077	3.44	4.13	1.20	0.00	0.10	4.44	5.24	7.59	52.40		
Network 2	158,301	3.08	4.28	1.39	0.00	0.00	1.68	5.00	8.87			
Network 3	103,543	2.50	3.85	1.54	0.00	0.00	0.56	4.63	7.21			
Network 4	104,738	3.02	3.85	1.27	0.00	0.00	1.99	5.00	8.24			
Network 5	153,677	3.48	4.10	1.18	0.00	0.00	4.44	5.24	8.24			
Network 6	255,436	3.23	3.69	1.14	0.00	0.00	4.12	5.00	7.56			
Network 7	140,850	2.87	3.97	1.38	0.00	0.00	1.11	4.81	8.28			
Network 8	155,489	3.12	3.72	1.19	0.00	0.00	4.12	5.00	7.42			
Network 9	183,047	3.26	3.88	1.19	0.00	0.00	4.44	5.00	8.12			
Network 10	98,824	3.36	4.87	1.45	0.00	0.00	4.44	4.99	7.21			
Network 11	149,050	224.64	76.74	0.34	146.72	176.27	208.09	252.15	356.59	1.43		
Network 12	99,092	2.62	3.81	1.45	0.00	0.00	0.61	4.64	6.68			
Network 13	113,382	3.08	3.94	1.28	0.00	0.00	3.99	5.00	8.12			
Network 14	226,099	3.29	4.08	1.24	0.00	0.00	4.12	5.00	8.76			
Network 15	96,100	2.69	3.66	1.36	0.00	0.00	0.73	4.81	6.68			
Network 16	60,203	2.81	4.02	1.43	0.00	0.00	3.20	4.73	6.63			
Network 17	95,336	2.71	3.69	1.36	0.00	0.00	1.13	4.81	6.71			
Network 18	145,295	2.90	4.04	1.39	0.00	0.00	2.43	4.81	7.21			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1B Total</b>												
<b>Type of patient</b>		<b>Per month</b>			<b>Per month</b>							
All patients*	2,616,750	2,674.34	1,023.92	0.38	1,462.83	2,083.85	2,508.91	3,082.29	4,447.93	1.48	100	100
HD only	2,467,523	2,711.46	1,028.57	0.38	1,476.68	2,125.20	2,544.14	3,117.32	4,493.09	1.47	100	100
PD only*	146,799	2,051.02	682.14	0.33	1,288.99	1,712.19	1,908.36	2,281.81	3,217.93	1.33	100	100
Male	1,302,527	2,698.35	1,033.67	0.38	1,482.87	2,107.85	2,524.66	3,100.89	4,492.67	1.47		
Female	1,164,858	2,726.18	1,022.63	0.38	1,469.56	2,145.41	2,565.68	3,134.68	4,493.59	1.46		
Age 0 to 17	2,836	2,627.44	1,065.05	0.41	1,163.44	2,012.94	2,494.39	3,066.56	4,537.63	1.52		
Age 18 to 44	331,392	2,836.26	1,154.75	0.41	1,560.93	2,153.71	2,613.78	3,266.15	4,896.95	1.52		
Age 45 to 59	610,682	2,801.20	1,097.59	0.39	1,564.64	2,153.69	2,599.68	3,222.64	4,745.86	1.50		
Age 60 to 69	575,210	2,728.99	1,020.25	0.37	1,498.83	2,147.76	2,568.18	3,142.03	4,481.92	1.46		
Age 70 to 79	631,039	2,632.12	941.25	0.36	1,404.86	2,105.68	2,503.62	3,031.14	4,234.29	1.44		
Age 80+	316,325	2,534.72	884.96	0.35	1,300.51	2,055.25	2,429.76	2,919.28	4,020.81	1.42		
Diabetic	1,633,881	2,711.06	1,018.72	0.38	1,450.30	2,130.66	2,551.29	3,122.99	4,479.97	1.47		
Non-diabetic	831,531	2,712.21	1,047.61	0.39	1,520.80	2,114.52	2,529.61	3,105.53	4,518.56	1.47		
BSA < 1.84	1,053,920	2,616.95	943.05	0.36	1,402.35	2,092.44	2,483.98	3,004.78	4,226.34	1.44		
BSA 1.84+	1,045,838	2,753.63	1,040.82	0.38	1,504.31	2,148.23	2,583.56	3,176.28	4,573.62	1.48		
RRT 0 to 5 months	285,332	2,655.34	1,064.77	0.40	827.24	2,065.03	2,605.71	3,223.26	4,398.08	1.56		
RRT 6 to 11 months	246,223	2,622.17	949.59	0.36	1,447.70	2,094.36	2,481.50	2,997.78	4,248.75	1.43		
RRT 12+ months	1,935,929	2,731.11	1,031.88	0.38	1,575.04	2,135.30	2,545.09	3,116.00	4,539.81	1.46		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1B Total</b>												
<b>Type of patient</b>		<b>Per session</b>			<b>Per session</b>							
All patients	2,616,750	224.44	96.27	0.43	140.30	172.81	205.08	252.07	368.30	1.46	100	100
HD only	2,467,523	227.15	86.27	0.38	145.74	176.19	208.08	254.87	370.78	1.45	100	100
PD only	146,799	166.49	87.30	0.52	122.29	133.62	148.52	178.67	261.81	1.34	100	100
Male	1,302,527	225.34	90.34	0.40	143.94	174.08	205.87	253.10	370.14	1.45		
Female	1,164,858	229.17	81.42	0.36	148.02	178.60	210.45	256.80	371.56	1.44		
Age 0 to 17	2,836	222.65	91.70	0.41	139.91	168.68	202.43	248.69	371.72	1.47		
Age 18 to 44	331,392	238.48	95.33	0.40	145.48	178.97	215.01	269.53	410.61	1.51		
Age 45 to 59	610,682	232.80	101.82	0.44	145.06	177.58	211.90	262.69	389.97	1.48		
Age 60 to 69	575,210	227.83	82.44	0.36	146.57	177.57	209.77	256.14	367.68	1.44		
Age 70 to 79	631,039	221.27	73.62	0.33	146.16	175.02	204.78	247.74	349.12	1.42		
Age 80+	316,325	214.92	69.66	0.32	145.14	171.88	199.47	239.73	333.70	1.39		
Diabetic	1,633,881	227.56	81.00	0.36	146.44	177.04	208.96	255.56	369.65	1.44		
Non-diabetic	831,531	226.35	95.78	0.42	144.46	174.55	206.33	253.44	373.09	1.45		
BSA < 1.84	1,053,920	221.02	74.91	0.34	146.01	174.60	203.84	246.68	351.64	1.41		
BSA 1.84+	1,045,838	230.25	83.08	0.36	146.20	177.81	211.28	259.59	376.78	1.46		
RRT 0 to 5 months	285,332	240.83	81.43	0.34	150.48	189.50	227.72	274.35	371.90	1.45		
RRT 6 to 11 months	246,223	220.93	75.99	0.34	145.80	174.33	203.43	246.14	354.58	1.41		
RRT 12+ months	1,935,929	225.93	87.98	0.39	145.27	174.98	206.07	252.42	372.58	1.44		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1B Total</b>												
<b>Type of Month</b>		<b>Per month</b>			<b>Per month</b>							
Full month HD, no events	1,794,747	2,856.97	959.76	0.34	1,862.00	2,246.74	2,635.74	3,197.69	4,584.67	1.42		
Start of dialysis	23,135	1,384.42	894.12	0.65	249.06	668.45	1,232.96	1,938.94	3,024.64	2.90		
Training	338	3,325.36	1,178.34	0.35	1,885.26	2,551.88	3,067.41	3,941.93	5,315.39	1.54		
Transplant	5,130	1,441.17	892.79	0.62	267.12	756.08	1,344.50	1,958.63	2,972.74	2.59		
Death or withdrawal from dialysis	31,533	1,323.59	1,000.93	0.76	208.63	578.45	1,118.56	1,820.03	3,149.23	3.15		
Hospitalization only	364,987	2,413.77	1,121.53	0.46	811.28	1,750.87	2,283.31	2,923.77	4,351.86	1.67		
Modality switch	633	2,861.92	1,010.75	0.35	1,679.02	2,199.24	2,655.96	3,321.90	4,687.37	1.51		
Transfer between facilities	78,768	2,802.67	945.56	0.34	1,778.93	2,206.68	2,603.61	3,161.77	4,511.56	1.43		
Multiple events	22,269	2,427.73	1,062.27	0.44	977.38	1,755.49	2,276.06	2,927.87	4,318.71	1.67		
Unexplained low number of sessio	145,983	2,213.65	938.26	0.42	967.03	1,664.00	2,078.85	2,617.86	3,854.11	1.57		
<b>Type of facility</b>		<b>Per month</b>			<b>Per month</b>							
Freestanding chain	1,840,044	2,708.42	1,001.09	0.37	1,493.85	2,129.69	2,546.62	3,113.30	4,463.76	1.46		
Hospital-based	299,035	2,787.19	1,239.59	0.44	1,411.29	2,104.49	2,552.57	3,210.23	4,875.49	1.53		
Freestanding non-chain	328,118	2,659.74	962.69	0.36	1,430.39	2,117.51	2,524.78	3,065.68	4,304.32	1.45		
Urban	1,986,035	2,735.17	1,029.20	0.38	1,486.52	2,149.19	2,569.78	3,143.45	4,521.66	1.46		
Rural	429,963	2,607.75	1,003.31	0.38	1,458.50	2,033.81	2,432.19	2,992.56	4,346.22	1.47		
Small	358,918	2,628.63	1,009.07	0.38	1,349.16	2,053.44	2,470.65	3,039.50	4,386.42	1.48		
Medium	945,194	2,688.86	1,019.88	0.38	1,476.91	2,113.47	2,524.34	3,086.03	4,433.01	1.46		
Large	1,163,411	2,755.38	1,039.33	0.38	1,516.22	2,158.65	2,582.76	3,165.72	4,571.00	1.47		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1B Total</b>												
<b>Type of Month</b>		<b>Per session</b>			<b>Per session</b>							
Full month HD, no events	1,794,747	219.25	72.53	0.33	144.69	173.15	202.27	244.74	350.03	1.41		
Start of dialysis	23,135	262.25	124.65	0.48	146.35	200.56	244.18	293.61	414.08	1.46		
Training	338	242.60	80.94	0.33	152.69	186.49	224.78	272.28	438.51	1.46		
Transplant	5,130	235.79	106.55	0.45	147.47	179.59	212.72	259.58	391.75	1.45		
Death or withdrawal from dialysis	31,533	257.03	112.45	0.44	145.27	189.42	233.93	297.62	438.05	1.57		
Hospitalization only	364,987	254.79	96.94	0.38	153.64	192.90	233.87	290.61	423.69	1.51		
Modality switch	633	230.28	81.13	0.35	139.01	174.79	210.20	259.96	392.60	1.49		
Transfer between facilities	78,768	220.98	82.32	0.37	145.64	173.82	203.21	246.14	350.49	1.42		
Multiple events	22,269	250.71	97.58	0.39	153.48	191.67	230.43	282.39	409.92	1.47		
Unexplained low number of sessio	145,983	242.56	153.17	0.63	146.63	182.79	220.38	273.39	406.42	1.50		
<b>Type of facility</b>		<b>Per session</b>			<b>Per session</b>							
Freestanding chain	1,840,044	226.76	79.04	0.35	145.88	176.46	208.23	254.65	369.09	1.44		
Hospital-based	299,035	234.22	129.09	0.55	144.80	174.56	209.45	262.66	400.01	1.50		
Freestanding non-chain	328,118	222.91	75.37	0.34	146.09	176.15	206.30	249.77	353.44	1.42		
Urban	1,986,035	229.40	81.26	0.35	147.67	178.36	210.32	257.28	373.79	1.44		
Urban	429,963	216.67	81.56	0.38	139.24	167.17	197.71	243.25	355.07	1.46		
Small	358,918	222.54	86.44	0.39	142.10	171.53	203.48	250.13	364.57	1.46		
Medium	945,194	224.91	80.04	0.36	145.25	174.98	206.17	252.15	365.08	1.44		
Large	1,163,411	230.39	90.85	0.39	147.70	178.69	211.01	258.49	377.02	1.45		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1B Total</b>												
<b>Network</b>		<b>Per month</b>			<b>Per month</b>							
Network 1	80,077	2,674.63	908.85	0.34	1,545.27	2,141.82	2,535.31	3,068.22	4,310.25	1.43		
Network 2	158,301	2,938.61	1,204.11	0.41	1,565.79	2,292.69	2,736.98	3,363.98	4,901.72	1.47		
Network 3	103,543	2,719.48	1,070.60	0.39	1,404.58	2,097.15	2,538.76	3,137.91	4,652.79	1.50		
Network 4	104,738	2,792.60	1,154.73	0.41	1,472.59	2,162.12	2,591.48	3,190.39	4,742.73	1.48		
Network 5	153,677	2,791.44	1,099.01	0.39	1,486.11	2,155.72	2,599.55	3,219.41	4,711.67	1.49		
Network 6	255,436	2,704.73	1,024.17	0.38	1,504.20	2,097.22	2,523.16	3,113.37	4,550.21	1.48		
Network 7	140,850	2,659.22	1,005.64	0.38	1,384.16	2,087.81	2,498.46	3,060.68	4,419.61	1.47		
Network 8	155,489	2,686.46	1,106.20	0.41	1,508.58	2,075.30	2,482.30	3,057.54	4,531.24	1.47		
Network 9	183,047	2,718.73	1,003.81	0.37	1,480.94	2,128.87	2,549.37	3,140.06	4,517.91	1.47		
Network 10	98,824	2,779.99	1,012.99	0.36	1,456.43	2,189.41	2,627.29	3,216.98	4,577.07	1.47		
Network 11	149,050	2,716.63	1,003.76	0.37	1,489.87	2,147.14	2,563.93	3,126.62	4,422.13	1.46		
Network 12	99,092	2,640.84	1,020.66	0.39	1,435.45	2,044.05	2,456.46	3,050.86	4,483.00	1.49		
Network 13	113,382	2,665.03	1,021.73	0.38	1,339.22	2,084.46	2,510.56	3,088.47	4,421.38	1.48		
Network 14	226,099	2,662.48	978.04	0.37	1,501.58	2,084.70	2,501.65	3,065.68	4,381.08	1.47		
Network 15	96,100	2,548.88	928.95	0.36	1,431.78	2,022.11	2,402.11	2,922.66	4,154.21	1.45		
Network 16	60,203	2,603.45	930.18	0.36	1,532.35	2,068.76	2,441.29	2,973.76	4,230.42	1.44		
Network 17	95,336	2,702.78	886.00	0.33	1,575.53	2,203.45	2,570.68	3,078.69	4,271.37	1.40		
Network 18	145,295	2,700.90	853.63	0.32	1,504.73	2,230.48	2,605.10	3,091.52	4,152.49	1.39		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1B Total</b>												
<b>Network</b>		<b>Per session</b>			<b>Per session</b>							
Network 1	80,077	221.51	69.10	0.31	148.01	175.37	205.17	248.67	350.94	1.42		
Network 2	158,301	245.20	92.85	0.38	157.18	189.72	223.43	274.17	400.75	1.45		
Network 3	103,543	230.71	84.21	0.37	143.18	175.98	209.79	260.31	388.91	1.48		
Network 4	104,738	234.87	92.33	0.39	148.44	179.23	212.18	262.05	395.77	1.46		
Network 5	153,677	236.50	89.52	0.38	147.84	180.44	214.93	266.38	395.60	1.48		
Network 6	255,436	226.02	81.64	0.36	142.76	173.60	206.35	255.05	375.68	1.47		
Network 7	140,850	225.15	81.06	0.36	145.06	174.39	205.82	252.41	369.72	1.45		
Network 8	155,489	223.81	90.57	0.40	141.37	170.61	201.64	249.19	374.49	1.46		
Network 9	183,047	228.29	78.06	0.34	146.04	176.82	209.38	258.62	372.19	1.46		
Network 10	98,824	235.47	84.86	0.36	150.41	182.37	215.83	265.47	384.10	1.46		
Network 11	149,050	1.05	4.86	4.63	0.00	0.00	0.00	0.00	8.53			
Network 12	99,092	220.41	83.35	0.38	140.15	168.33	200.59	248.21	367.45	1.47		
Network 13	113,382	226.56	78.37	0.35	144.40	175.57	208.27	255.17	368.55	1.45		
Network 14	226,099	221.59	80.29	0.36	142.68	172.01	203.96	249.02	359.34	1.45		
Network 15	96,100	211.48	72.77	0.34	139.65	166.42	195.10	236.73	339.60	1.42		
Network 16	60,203	212.75	72.01	0.34	141.92	167.52	195.42	237.61	339.52	1.42		
Network 17	95,336	222.58	65.35	0.29	153.92	179.47	206.67	247.18	346.08	1.38		
Network 18	145,295	225.60	63.88	0.28	158.42	184.75	211.58	250.25	338.20	1.35		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Levocarnitine												
Type of patient		Per month			Per month							
All patients*	2,616,750	8.02	76.67	9.56	0.00	0.00	0.00	0.00	0.00		2	4
HD only	2,467,523	8.50	78.91	9.28	0.00	0.00	0.00	0.00	0.00		2	4
PD only*	146,799	0.11	6.87	62.45	0.00	0.00	0.00	0.00	0.00		0	0
Male	1,302,527	8.63	81.21	9.41	0.00	0.00	0.00	0.00	0.00			
Female	1,164,858	8.36	76.26	9.12	0.00	0.00	0.00	0.00	0.00			
Age 0 to 17	2,836	4.90	44.54	9.09	0.00	0.00	0.00	0.00	0.00			
Age 18 to 44	331,392	6.15	66.41	10.80	0.00	0.00	0.00	0.00	0.00			
Age 45 to 59	610,682	8.51	80.76	9.49	0.00	0.00	0.00	0.00	0.00			
Age 60 to 69	575,210	8.73	79.54	9.11	0.00	0.00	0.00	0.00	0.00			
Age 70 to 79	631,039	9.07	80.13	8.83	0.00	0.00	0.00	0.00	0.00			
Age 80+	316,325	9.42	83.77	8.89	0.00	0.00	0.00	0.00	0.00			
Diabetic	1,633,881	8.92	80.95	9.08	0.00	0.00	0.00	0.00	0.00			
Non-diabetic	831,531	7.68	74.81	9.74	0.00	0.00	0.00	0.00	0.00			
BSA < 1.84	1,053,920	7.46	70.79	9.49	0.00	0.00	0.00	0.00	0.00			
BSA 1.84+	1,045,838	8.86	82.35	9.29	0.00	0.00	0.00	0.00	0.00			
RRT 0 to 5 months	285,332	1.85	35.25	19.05	0.00	0.00	0.00	0.00	0.00			
RRT 6 to 11 months	246,223	5.98	68.52	11.46	0.00	0.00	0.00	0.00	0.00			
RRT 12+ months	1,935,929	9.80	84.54	8.63	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Levocarnitine												
Type of patient		Per session			Per session							
All patients	2,616,750	0.66	6.69	10.14	0.00	0.00	0.00	0.00	0.00	2	4	
HD only	2,467,523	0.70	6.87	9.81	0.00	0.00	0.00	0.00	0.00	2	4	
PD only	146,799	0.01	0.53	53.00	0.00	0.00	0.00	0.00	0.00	0	0	
Male	1,302,527	0.71	7.29	10.27	0.00	0.00	0.00	0.00	0.00			
Female	1,164,858	0.69	6.37	9.23	0.00	0.00	0.00	0.00	0.00			
Age 0 to 17	2,836	0.41	3.62	8.83	0.00	0.00	0.00	0.00	0.00			
Age 18 to 44	331,392	0.50	5.36	10.72	0.00	0.00	0.00	0.00	0.00			
Age 45 to 59	610,682	0.69	6.48	9.39	0.00	0.00	0.00	0.00	0.00			
Age 60 to 69	575,210	0.72	6.83	9.49	0.00	0.00	0.00	0.00	0.00			
Age 70 to 79	631,039	0.75	7.03	9.37	0.00	0.00	0.00	0.00	0.00			
Age 80+	316,325	0.79	8.58	10.86	0.00	0.00	0.00	0.00	0.00			
Diabetic	1,633,881	0.74	6.88	9.30	0.00	0.00	0.00	0.00	0.00			
Non-diabetic	831,531	0.63	6.86	10.89	0.00	0.00	0.00	0.00	0.00			
BSA < 1.84	1,053,920	0.62	6.08	9.81	0.00	0.00	0.00	0.00	0.00			
BSA 1.84+	1,045,838	0.73	7.06	9.67	0.00	0.00	0.00	0.00	0.00			
RRT 0 to 5 months	285,332	0.16	3.15	19.69	0.00	0.00	0.00	0.00	0.00			
RRT 6 to 11 months	246,223	0.51	6.51	12.76	0.00	0.00	0.00	0.00	0.00			
RRT 12+ months	1,935,929	0.81	7.30	9.01	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Levocarnitine</b>												
<b>Type of Month</b>		<b>Per month</b>			<b>Per month</b>							
Full month HD, no events	1,794,747	9.25	83.85	9.06	0.00	0.00	0.00	0.00	0.00			
Start of dialysis	23,135	0.21	12.09	57.57	0.00	0.00	0.00	0.00	0.00			
Training	338	9.53	79.91	8.39	0.00	0.00	0.00	0.00	0.00			
Transplant	5,130	3.85	45.80	11.90	0.00	0.00	0.00	0.00	0.00			
Death or withdrawal from dialysis	31,533	5.96	50.52	8.48	0.00	0.00	0.00	0.00	0.00			
Hospitalization only	364,987	7.55	71.05	9.41	0.00	0.00	0.00	0.00	0.00			
Modality switch	633	0.83	14.77	17.80	0.00	0.00	0.00	0.00	0.00			
Transfer between facilities	78,768	7.69	69.28	9.01	0.00	0.00	0.00	0.00	0.00			
Multiple events	22,269	5.02	49.88	9.94	0.00	0.00	0.00	0.00	0.00			
Unexplained low number of sessio	145,983	4.61	50.07	10.86	0.00	0.00	0.00	0.00	0.00			
<b>Type of facility</b>		<b>Per month</b>			<b>Per month</b>							
Freestanding chain	1,840,044	8.37	76.28	9.11	0.00	0.00	0.00	0.00	0.00			
Hospital-based	299,035	8.60	95.63	11.12	0.00	0.00	0.00	0.00	0.00			
Freestanding non-chain	328,118	9.12	76.53	8.39	0.00	0.00	0.00	0.00	0.00			
Urban	1,986,035	8.30	76.30	9.19	0.00	0.00	0.00	0.00	0.00			
Rural	429,963	9.45	89.30	9.45	0.00	0.00	0.00	0.00	0.00			
Small	358,918	9.56	87.15	9.12	0.00	0.00	0.00	0.00	0.00			
Medium	945,194	8.61	79.15	9.19	0.00	0.00	0.00	0.00	0.00			
Large	1,163,411	8.08	75.98	9.40	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Levocarnitine												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	0.71	6.40	9.01	0.00	0.00	0.00	0.00	0.00			
Start of dialysis	23,135	0.04	1.77	44.25	0.00	0.00	0.00	0.00	0.00			
Training	338	0.67	5.78	8.63	0.00	0.00	0.00	0.00	0.00			
Transplant	5,130	0.58	5.89	10.16	0.00	0.00	0.00	0.00	0.00			
Death or withdrawal from dialysis	31,533	1.07	7.93	7.41	0.00	0.00	0.00	0.00	0.00			
Hospitalization only	364,987	0.78	8.02	10.28	0.00	0.00	0.00	0.00	0.00			
Modality switch	633	0.07	1.18	16.86	0.00	0.00	0.00	0.00	0.00			
Transfer between facilities	78,768	0.60	5.42	9.03	0.00	0.00	0.00	0.00	0.00			
Multiple events	22,269	0.50	4.76	9.52	0.00	0.00	0.00	0.00	0.00			
Unexplained low number of sessio	145,983	0.57	9.96	17.47	0.00	0.00	0.00	0.00	0.00			
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	0.69	6.35	9.20	0.00	0.00	0.00	0.00	0.00			
Hospital-based	299,035	0.75	9.98	13.31	0.00	0.00	0.00	0.00	0.00			
Freestanding non-chain	328,118	0.75	6.17	8.23	0.00	0.00	0.00	0.00	0.00			
Urban	1,986,035	0.68	6.33	9.31	0.00	0.00	0.00	0.00	0.00			
Urban	429,963	0.80	8.91	11.14	0.00	0.00	0.00	0.00	0.00			
Small	358,918	0.83	9.13	11.00	0.00	0.00	0.00	0.00	0.00			
Medium	945,194	0.71	6.39	9.00	0.00	0.00	0.00	0.00	0.00			
Large	1,163,411	0.66	6.42	9.73	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Levocarnitine</b>												
<b>Network</b>		<b>Per month</b>			<b>Per month</b>							
Network 1	80,077	5.45	60.77	11.15	0.00	0.00	0.00	0.00	0.00			
Network 2	158,301	3.57	51.51	14.43	0.00	0.00	0.00	0.00	0.00			
Network 3	103,543	9.29	78.54	8.45	0.00	0.00	0.00	0.00	0.00			
Network 4	104,738	9.73	82.87	8.52	0.00	0.00	0.00	0.00	0.00			
Network 5	153,677	4.33	52.94	12.23	0.00	0.00	0.00	0.00	0.00			
Network 6	255,436	3.76	50.84	13.52	0.00	0.00	0.00	0.00	0.00			
Network 7	140,850	12.31	88.59	7.20	0.00	0.00	0.00	0.00	0.00			
Network 8	155,489	2.64	44.75	16.95	0.00	0.00	0.00	0.00	0.00			
Network 9	183,047	2.53	41.44	16.38	0.00	0.00	0.00	0.00	0.00			
Network 10	98,824	4.60	62.33	13.55	0.00	0.00	0.00	0.00	0.00			
Network 11	149,050	5.74	60.57	10.55	0.00	0.00	0.00	0.00	0.00			
Network 12	99,092	7.07	78.15	11.05	0.00	0.00	0.00	0.00	0.00			
Network 13	113,382	15.47	104.45	6.75	0.00	0.00	0.00	0.00	0.00			
Network 14	226,099	14.08	104.05	7.39	0.00	0.00	0.00	0.00	0.00			
Network 15	96,100	28.39	154.67	5.45	0.00	0.00	0.00	0.00	0.00			
Network 16	60,203	27.26	140.79	5.16	0.00	0.00	0.00	0.00	0.00			
Network 17	95,336	8.17	69.39	8.49	0.00	0.00	0.00	0.00	0.00			
Network 18	145,295	8.78	76.33	8.69	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Levocarnitine</b>												
<b>Network</b>		<b>Per session</b>			<b>Per session</b>							
Network 1	80,077	0.45	4.93	10.96	0.00	0.00	0.00	0.00	0.00			
Network 2	158,301	0.29	4.13	14.24	0.00	0.00	0.00	0.00	0.00			
Network 3	103,543	0.77	6.30	8.18	0.00	0.00	0.00	0.00	0.00			
Network 4	104,738	0.80	6.72	8.40	0.00	0.00	0.00	0.00	0.00			
Network 5	153,677	0.37	4.37	11.81	0.00	0.00	0.00	0.00	0.00			
Network 6	255,436	0.31	4.09	13.19	0.00	0.00	0.00	0.00	0.00			
Network 7	140,850	1.01	7.15	7.08	0.00	0.00	0.00	0.00	0.00			
Network 8	155,489	0.21	3.54	16.86	0.00	0.00	0.00	0.00	0.00			
Network 9	183,047	0.21	3.29	15.67	0.00	0.00	0.00	0.00	0.00			
Network 10	98,824	0.38	5.02	13.21	0.00	0.00	0.00	0.00	0.00			
Network 11	149,050	0.91	7.84	8.62	0.00	0.00	0.00	0.00	0.00			
Network 12	99,092	0.58	6.37	10.98	0.00	0.00	0.00	0.00	0.00			
Network 13	113,382	1.28	8.50	6.64	0.00	0.00	0.00	0.00	0.00			
Network 14	226,099	1.22	11.99	9.83	0.00	0.00	0.00	0.00	0.00			
Network 15	96,100	2.31	12.40	5.37	0.00	0.00	0.00	0.00	0.00			
Network 16	60,203	2.19	11.19	5.11	0.00	0.00	0.00	0.00	0.00			
Network 17	95,336	0.67	5.61	8.37	0.00	0.00	0.00	0.00	0.00			
Network 18	145,295	0.72	6.16	8.56	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Alteplase												
Type of patient		Per month			Per month							
All patients*	2,616,750	7.25	87.18	12.02	0.00	0.00	0.00	0.00	0.00		2	11
HD only	2,467,523	7.65	89.64	11.72	0.00	0.00	0.00	0.00	0.00		3	11
PD only*	146,799	0.37	13.25	35.81	0.00	0.00	0.00	0.00	0.00		0	1
Male	1,302,527	5.77	78.73	13.64	0.00	0.00	0.00	0.00	0.00			
Female	1,164,858	9.76	100.41	10.29	0.00	0.00	0.00	0.00	0.00			
Age 0 to 17	2,836	30.73	182.57	5.94	0.00	0.00	0.00	0.00	142.53			
Age 18 to 44	331,392	7.42	86.17	11.61	0.00	0.00	0.00	0.00	0.00			
Age 45 to 59	610,682	6.78	79.56	11.73	0.00	0.00	0.00	0.00	0.00			
Age 60 to 69	575,210	7.38	92.93	12.59	0.00	0.00	0.00	0.00	0.00			
Age 70 to 79	631,039	7.81	86.08	11.02	0.00	0.00	0.00	0.00	0.00			
Age 80+	316,325	9.58	109.04	11.38	0.00	0.00	0.00	0.00	0.00			
Diabetic	1,633,881	7.65	85.05	11.12	0.00	0.00	0.00	0.00	0.00			
Non-diabetic	831,531	7.65	97.97	12.81	0.00	0.00	0.00	0.00	0.00			
BSA < 1.84	1,053,920	7.50	87.47	11.66	0.00	0.00	0.00	0.00	0.00			
BSA 1.84+	1,045,838	7.96	94.13	11.83	0.00	0.00	0.00	0.00	0.00			
RRT 0 to 5 months	285,332	15.46	125.80	8.14	0.00	0.00	0.00	0.00	71.26			
RRT 6 to 11 months	246,223	9.54	97.80	10.25	0.00	0.00	0.00	0.00	0.00			
RRT 12+ months	1,935,929	6.26	81.74	13.06	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Alteplase												
Type of patient		Per session			Per session							
All patients	2,616,750	0.66	9.30	14.09	0.00	0.00	0.00	0.00	0.00	2	11	
HD only	2,467,523	0.69	9.38	13.59	0.00	0.00	0.00	0.00	0.00	3	11	
PD only	146,799	0.04	2.43	60.75	0.00	0.00	0.00	0.00	0.00	0	1	
Male	1,302,527	0.51	6.80	13.33	0.00	0.00	0.00	0.00	0.00			
Female	1,164,858	0.89	11.60	13.03	0.00	0.00	0.00	0.00	0.00			
Age 0 to 17	2,836	2.69	16.29	6.06	0.00	0.00	0.00	0.00	11.29			
Age 18 to 44	331,392	0.68	15.84	23.29	0.00	0.00	0.00	0.00	0.00			
Age 45 to 59	610,682	0.59	6.82	11.56	0.00	0.00	0.00	0.00	0.00			
Age 60 to 69	575,210	0.66	7.92	12.00	0.00	0.00	0.00	0.00	0.00			
Age 70 to 79	631,039	0.71	7.77	10.94	0.00	0.00	0.00	0.00	0.00			
Age 80+	316,325	0.87	9.81	11.28	0.00	0.00	0.00	0.00	0.00			
Diabetic	1,633,881	0.69	7.52	10.90	0.00	0.00	0.00	0.00	0.00			
Non-diabetic	831,531	0.69	12.23	17.72	0.00	0.00	0.00	0.00	0.00			
BSA < 1.84	1,053,920	0.68	7.76	11.41	0.00	0.00	0.00	0.00	0.00			
BSA 1.84+	1,045,838	0.72	11.37	15.79	0.00	0.00	0.00	0.00	0.00			
RRT 0 to 5 months	285,332	1.48	11.87	8.02	0.00	0.00	0.00	0.00	5.48			
RRT 6 to 11 months	246,223	0.85	8.66	10.19	0.00	0.00	0.00	0.00	0.00			
RRT 12+ months	1,935,929	0.55	9.04	16.44	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Alteplase												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	6.84	90.54	13.24	0.00	0.00	0.00	0.00	0.00			
Start of dialysis	23,135	9.85	71.88	7.30	0.00	0.00	0.00	0.00	0.00			
Training	338	38.12	195.86	5.14	0.00	0.00	0.00	0.00	213.78			
Transplant	5,130	3.10	36.07	11.64	0.00	0.00	0.00	0.00	0.00			
Death or withdrawal from dialysis	31,533	7.18	65.67	9.15	0.00	0.00	0.00	0.00	0.00			
Hospitalization only	364,987	11.10	92.53	8.34	0.00	0.00	0.00	0.00	0.00			
Modality switch	633	30.23	140.39	4.64	0.00	0.00	0.00	0.00	213.78			
Transfer between facilities	78,768	9.46	97.42	10.30	0.00	0.00	0.00	0.00	0.00			
Multiple events	22,269	16.58	115.38	6.96	0.00	0.00	0.00	0.00	71.26			
Unexplained low number of sessio	145,983	6.49	66.85	10.30	0.00	0.00	0.00	0.00	0.00			
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	6.13	63.39	10.34	0.00	0.00	0.00	0.00	0.00			
Hospital-based	299,035	18.25	188.14	10.31	0.00	0.00	0.00	0.00	0.00			
Freestanding non-chain	328,118	6.55	74.32	11.35	0.00	0.00	0.00	0.00	0.00			
Urban	1,986,035	7.31	84.11	11.51	0.00	0.00	0.00	0.00	0.00			
Rural	429,963	8.00	99.17	12.40	0.00	0.00	0.00	0.00	0.00			
Small	358,918	8.13	88.84	10.93	0.00	0.00	0.00	0.00	0.00			
Medium	945,194	7.02	87.09	12.41	0.00	0.00	0.00	0.00	0.00			
Large	1,163,411	8.02	91.90	11.46	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Alteplase												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	0.52	6.93	13.33	0.00	0.00	0.00	0.00	0.00			
Start of dialysis	23,135	1.86	12.56	6.75	0.00	0.00	0.00	0.00	0.00			
Training	338	2.56	13.40	5.23	0.00	0.00	0.00	0.00	15.27			
Transplant	5,130	0.51	6.18	12.12	0.00	0.00	0.00	0.00	0.00			
Death or withdrawal from dialysis	31,533	1.44	12.97	9.01	0.00	0.00	0.00	0.00	0.00			
Hospitalization only	364,987	1.23	10.50	8.54	0.00	0.00	0.00	0.00	0.00			
Modality switch	633	2.25	10.07	4.48	0.00	0.00	0.00	0.00	15.27			
Transfer between facilities	78,768	0.75	7.61	10.15	0.00	0.00	0.00	0.00	0.00			
Multiple events	22,269	1.71	12.98	7.59	0.00	0.00	0.00	0.00	7.97			
Unexplained low number of sessio	145,983	0.82	22.33	27.23	0.00	0.00	0.00	0.00	0.00			
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	0.55	5.75	10.45	0.00	0.00	0.00	0.00	0.00			
Hospital-based	299,035	1.62	21.71	13.40	0.00	0.00	0.00	0.00	0.00			
Freestanding non-chain	328,118	0.59	6.73	11.41	0.00	0.00	0.00	0.00	0.00			
Urban	1,986,035	0.65	7.32	11.26	0.00	0.00	0.00	0.00	0.00			
Urban	429,963	0.70	8.60	12.29	0.00	0.00	0.00	0.00	0.00			
Small	358,918	0.77	15.61	20.27	0.00	0.00	0.00	0.00	0.00			
Medium	945,194	0.63	7.70	12.22	0.00	0.00	0.00	0.00	0.00			
Large	1,163,411	0.71	7.94	11.18	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Alteplase</b>												
<b>Network</b>		<b>Per month</b>			<b>Per month</b>							
Network 1	80,077	7.61	60.79	7.99	0.00	0.00	0.00	0.00	0.00			
Network 2	158,301	16.05	173.32	10.80	0.00	0.00	0.00	0.00	0.00			
Network 3	103,543	11.90	126.33	10.62	0.00	0.00	0.00	0.00	0.00			
Network 4	104,738	10.62	91.08	8.58	0.00	0.00	0.00	0.00	0.00			
Network 5	153,677	6.49	107.07	16.50	0.00	0.00	0.00	0.00	0.00			
Network 6	255,436	5.97	67.30	11.27	0.00	0.00	0.00	0.00	0.00			
Network 7	140,850	4.18	40.64	9.72	0.00	0.00	0.00	0.00	0.00			
Network 8	155,489	4.12	43.48	10.55	0.00	0.00	0.00	0.00	0.00			
Network 9	183,047	9.94	90.31	9.09	0.00	0.00	0.00	0.00	0.00			
Network 10	98,824	8.38	73.37	8.76	0.00	0.00	0.00	0.00	0.00			
Network 11	149,050	10.35	87.95	8.50	0.00	0.00	0.00	0.00	0.00			
Network 12	99,092	11.64	127.93	10.99	0.00	0.00	0.00	0.00	0.00			
Network 13	113,382	5.79	63.63	10.99	0.00	0.00	0.00	0.00	0.00			
Network 14	226,099	2.93	42.45	14.49	0.00	0.00	0.00	0.00	0.00			
Network 15	96,100	6.15	68.32	11.11	0.00	0.00	0.00	0.00	0.00			
Network 16	60,203	8.53	92.26	10.82	0.00	0.00	0.00	0.00	0.00			
Network 17	95,336	6.23	65.47	10.51	0.00	0.00	0.00	0.00	0.00			
Network 18	145,295	2.51	36.71	14.63	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Alteplase</b>												
<b>Network</b>		<b>Per session</b>			<b>Per session</b>							
Network 1	80,077	0.69	5.85	8.48	0.00	0.00	0.00	0.00	0.00			
Network 2	158,301	1.38	14.43	10.46	0.00	0.00	0.00	0.00	0.00			
Network 3	103,543	1.04	10.77	10.36	0.00	0.00	0.00	0.00	0.00			
Network 4	104,738	0.94	7.99	8.50	0.00	0.00	0.00	0.00	0.00			
Network 5	153,677	0.58	8.78	15.14	0.00	0.00	0.00	0.00	0.00			
Network 6	255,436	0.54	6.42	11.89	0.00	0.00	0.00	0.00	0.00			
Network 7	140,850	0.39	3.90	10.00	0.00	0.00	0.00	0.00	0.00			
Network 8	155,489	0.37	3.94	10.65	0.00	0.00	0.00	0.00	0.00			
Network 9	183,047	0.89	7.92	8.90	0.00	0.00	0.00	0.00	0.00			
Network 10	98,824	0.77	6.77	8.79	0.00	0.00	0.00	0.00	0.00			
Network 11	149,050	0.21	2.01	9.57	0.00	0.00	0.00	0.00	0.00			
Network 12	99,092	1.02	10.82	10.61	0.00	0.00	0.00	0.00	0.00			
Network 13	113,382	0.55	6.11	11.11	0.00	0.00	0.00	0.00	0.00			
Network 14	226,099	0.27	3.89	14.41	0.00	0.00	0.00	0.00	0.00			
Network 15	96,100	0.55	6.04	10.98	0.00	0.00	0.00	0.00	0.00			
Network 16	60,203	0.73	7.80	10.68	0.00	0.00	0.00	0.00	0.00			
Network 17	95,336	0.56	5.82	10.39	0.00	0.00	0.00	0.00	0.00			
Network 18	145,295	0.23	3.55	15.43	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vancomycin												
Type of patient		Per month			Per month							
All patients*	2,616,750	2.16	15.89	7.36	0.00	0.00	0.00	0.00	10.81		5	25
HD only	2,467,523	2.19	16.10	7.35	0.00	0.00	0.00	0.00	14.06		5	26
PD only*	146,799	1.62	11.92	7.36	0.00	0.00	0.00	0.00	0.00		4	19
Male	1,302,527	2.18	15.98	7.33	0.00	0.00	0.00	0.00	7.88			
Female	1,164,858	2.20	16.22	7.37	0.00	0.00	0.00	0.00	14.06			
Age 0 to 17	2,836	3.13	15.34	4.90	0.00	0.00	0.00	0.00	14.83			
Age 18 to 44	331,392	2.64	18.22	6.90	0.00	0.00	0.00	0.00	14.06			
Age 45 to 59	610,682	2.48	16.94	6.83	0.00	0.00	0.00	0.00	14.06			
Age 60 to 69	575,210	2.11	15.05	7.13	0.00	0.00	0.00	0.00	7.41			
Age 70 to 79	631,039	1.89	15.77	8.34	0.00	0.00	0.00	0.00	0.00			
Age 80+	316,325	1.89	14.47	7.66	0.00	0.00	0.00	0.00	0.00			
Diabetic	1,633,881	2.35	16.35	6.96	0.00	0.00	0.00	0.00	14.06			
Non-diabetic	831,531	1.87	15.59	8.34	0.00	0.00	0.00	0.00	0.00			
BSA < 1.84	1,053,920	1.96	15.34	7.83	0.00	0.00	0.00	0.00	7.41			
BSA 1.84+	1,045,838	2.34	16.12	6.89	0.00	0.00	0.00	0.00	14.06			
RRT 0 to 5 months	285,332	3.20	17.20	5.38	0.00	0.00	0.00	0.00	21.09			
RRT 6 to 11 months	246,223	2.55	16.27	6.38	0.00	0.00	0.00	0.00	14.06			
RRT 12+ months	1,935,929	2.00	15.90	7.95	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vancomycin												
Type of patient		Per session			Per session							
All patients	2,616,750	0.20	1.67	8.35	0.00	0.00	0.00	0.00	1.00		5	25
HD only	2,467,523	0.21	1.64	7.81	0.00	0.00	0.00	0.00	1.00		5	26
PD only	146,799	0.14	1.43	10.21	0.00	0.00	0.00	0.00	0.00		4	19
Male	1,302,527	0.21	1.54	7.33	0.00	0.00	0.00	0.00	0.93			
Female	1,164,858	0.21	1.75	8.33	0.00	0.00	0.00	0.00	1.08			
Age 0 to 17	2,836	0.28	1.31	4.68	0.00	0.00	0.00	0.00	1.65			
Age 18 to 44	331,392	0.25	2.06	8.24	0.00	0.00	0.00	0.00	1.24			
Age 45 to 59	610,682	0.23	1.61	7.00	0.00	0.00	0.00	0.00	1.14			
Age 60 to 69	575,210	0.20	1.66	8.30	0.00	0.00	0.00	0.00	0.80			
Age 70 to 79	631,039	0.18	1.48	8.22	0.00	0.00	0.00	0.00	0.00			
Age 80+	316,325	0.18	1.47	8.17	0.00	0.00	0.00	0.00	0.00			
Diabetic	1,633,881	0.22	1.64	7.45	0.00	0.00	0.00	0.00	1.08			
Non-diabetic	831,531	0.18	1.65	9.17	0.00	0.00	0.00	0.00	0.00			
BSA < 1.84	1,053,920	0.19	1.65	8.68	0.00	0.00	0.00	0.00	0.64			
BSA 1.84+	1,045,838	0.22	1.64	7.45	0.00	0.00	0.00	0.00	1.08			
RRT 0 to 5 months	285,332	0.32	1.90	5.94	0.00	0.00	0.00	0.00	2.12			
RRT 6 to 11 months	246,223	0.24	1.58	6.58	0.00	0.00	0.00	0.00	1.17			
RRT 12+ months	1,935,929	0.19	1.61	8.47	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vancomycin												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	1.63	14.49	8.89	0.00	0.00	0.00	0.00	0.00			
Start of dialysis	23,135	1.52	11.68	7.68	0.00	0.00	0.00	0.00	3.00			
Training	338	2.42	9.52	3.93	0.00	0.00	0.00	0.00	14.83			
Transplant	5,130	0.86	11.38	13.23	0.00	0.00	0.00	0.00	0.00			
Death or withdrawal from dialysis	31,533	2.13	11.40	5.35	0.00	0.00	0.00	0.00	14.83			
Hospitalization only	364,987	5.06	23.26	4.60	0.00	0.00	0.00	0.00	35.05			
Modality switch	633	4.40	17.12	3.89	0.00	0.00	0.00	0.00	29.64			
Transfer between facilities	78,768	1.81	14.06	7.77	0.00	0.00	0.00	0.00	0.00			
Multiple events	22,269	5.02	18.79	3.74	0.00	0.00	0.00	0.00	33.31			
Unexplained low number of sessio	145,983	1.82	14.24	7.82	0.00	0.00	0.00	0.00	0.00			
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	2.01	11.57	5.76	0.00	0.00	0.00	0.00	14.06			
Hospital-based	299,035	3.57	34.35	9.62	0.00	0.00	0.00	0.00	0.00			
Freestanding non-chain	328,118	1.96	10.96	5.59	0.00	0.00	0.00	0.00	14.06			
Urban	1,986,035	2.17	15.85	7.30	0.00	0.00	0.00	0.00	14.06			
Rural	429,963	2.33	17.26	7.41	0.00	0.00	0.00	0.00	7.96			
Small	358,918	2.34	18.74	8.01	0.00	0.00	0.00	0.00	14.06			
Medium	945,194	2.15	13.61	6.33	0.00	0.00	0.00	0.00	14.06			
Large	1,163,411	2.18	17.05	7.82	0.00	0.00	0.00	0.00	11.06			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vancomycin												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	0.13	1.11	8.54	0.00	0.00	0.00	0.00	0.00			
Start of dialysis	23,135	0.31	2.82	9.10	0.00	0.00	0.00	0.00	0.36			
Training	338	0.19	0.71	3.74	0.00	0.00	0.00	0.00	2.00			
Transplant	5,130	0.25	8.68	34.72	0.00	0.00	0.00	0.00	0.00			
Death or withdrawal from dialysis	31,533	0.48	2.76	5.75	0.00	0.00	0.00	0.00	3.29			
Hospitalization only	364,987	0.57	2.77	4.86	0.00	0.00	0.00	0.00	3.86			
Modality switch	633	0.36	1.36	3.78	0.00	0.00	0.00	0.00	2.44			
Transfer between facilities	78,768	0.15	1.13	7.53	0.00	0.00	0.00	0.00	0.00			
Multiple events	22,269	0.55	2.51	4.56	0.00	0.00	0.00	0.00	3.71			
Unexplained low number of sessio	145,983	0.21	1.88	8.95	0.00	0.00	0.00	0.00	0.00			
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	0.19	1.09	5.74	0.00	0.00	0.00	0.00	1.08			
Hospital-based	299,035	0.34	3.68	10.82	0.00	0.00	0.00	0.00	0.00			
Freestanding non-chain	328,118	0.19	1.10	5.79	0.00	0.00	0.00	0.00	1.08			
Urban	1,986,035	0.20	1.58	7.90	0.00	0.00	0.00	0.00	1.06			
Urban	429,963	0.22	1.90	8.64	0.00	0.00	0.00	0.00	0.93			
Small	358,918	0.22	2.08	9.45	0.00	0.00	0.00	0.00	1.00			
Medium	945,194	0.20	1.28	6.40	0.00	0.00	0.00	0.00	1.06			
Large	1,163,411	0.21	1.74	8.29	0.00	0.00	0.00	0.00	1.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vancomycin												
Network		Per month			Per month							
Network 1	80,077	2.28	11.77	5.16	0.00	0.00	0.00	0.00	14.06			
Network 2	158,301	2.90	24.51	8.45	0.00	0.00	0.00	0.00	14.06			
Network 3	103,543	2.11	12.67	6.00	0.00	0.00	0.00	0.00	14.06			
Network 4	104,738	2.23	13.93	6.25	0.00	0.00	0.00	0.00	14.06			
Network 5	153,677	2.20	18.15	8.25	0.00	0.00	0.00	0.00	9.53			
Network 6	255,436	2.27	12.43	5.48	0.00	0.00	0.00	0.00	14.06			
Network 7	140,850	2.69	13.56	5.04	0.00	0.00	0.00	0.00	14.83			
Network 8	155,489	2.10	12.18	5.80	0.00	0.00	0.00	0.00	14.06			
Network 9	183,047	2.42	13.81	5.71	0.00	0.00	0.00	0.00	14.06			
Network 10	98,824	2.37	24.36	10.28	0.00	0.00	0.00	0.00	7.20			
Network 11	149,050	2.27	22.75	10.02	0.00	0.00	0.00	0.00	0.00			
Network 12	99,092	2.65	20.00	7.55	0.00	0.00	0.00	0.00	14.06			
Network 13	113,382	2.38	13.85	5.82	0.00	0.00	0.00	0.00	14.06			
Network 14	226,099	1.82	12.60	6.92	0.00	0.00	0.00	0.00	0.00			
Network 15	96,100	1.84	19.10	10.38	0.00	0.00	0.00	0.00	0.00			
Network 16	60,203	2.06	15.38	7.47	0.00	0.00	0.00	0.00	0.00			
Network 17	95,336	1.18	9.39	7.96	0.00	0.00	0.00	0.00	0.00			
Network 18	145,295	1.52	11.61	7.64	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Vancomycin												
Network		Per session			Per session							
Network 1	80,077	0.22	1.19	5.41	0.00	0.00	0.00	0.00	1.14			
Network 2	158,301	0.28	2.94	10.50	0.00	0.00	0.00	0.00	1.14			
Network 3	103,543	0.21	1.28	6.10	0.00	0.00	0.00	0.00	1.08			
Network 4	104,738	0.21	1.35	6.43	0.00	0.00	0.00	0.00	1.00			
Network 5	153,677	0.21	1.92	9.14	0.00	0.00	0.00	0.00	0.88			
Network 6	255,436	0.21	1.18	5.62	0.00	0.00	0.00	0.00	1.14			
Network 7	140,850	0.25	1.28	5.12	0.00	0.00	0.00	0.00	1.53			
Network 8	155,489	0.20	1.17	5.85	0.00	0.00	0.00	0.00	1.08			
Network 9	183,047	0.23	1.28	5.57	0.00	0.00	0.00	0.00	1.14			
Network 10	98,824	0.22	2.18	9.91	0.00	0.00	0.00	0.00	0.57			
Network 11	149,050	0.62	2.77	4.47	0.00	0.00	0.00	0.00	3.31			
Network 12	99,092	0.25	1.85	7.40	0.00	0.00	0.00	0.00	1.06			
Network 13	113,382	0.23	1.40	6.09	0.00	0.00	0.00	0.00	1.17			
Network 14	226,099	0.17	1.32	7.76	0.00	0.00	0.00	0.00	0.00			
Network 15	96,100	0.17	2.59	15.24	0.00	0.00	0.00	0.00	0.00			
Network 16	60,203	0.18	1.34	7.44	0.00	0.00	0.00	0.00	0.00			
Network 17	95,336	0.11	0.96	8.73	0.00	0.00	0.00	0.00	0.00			
Network 18	145,295	0.14	1.09	7.79	0.00	0.00	0.00	0.00	0.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Infection Labs												
Type of patient		Per month			Per month							
All patients*	2,616,750	6.23	20.31	3.26	0.00	0.00	0.00	0.00	36.19		22	73
HD only	2,467,523	6.12	20.25	3.31	0.00	0.00	0.00	0.00	35.49		21	73
PD only*	146,799	7.87	21.14	2.69	0.00	0.00	0.00	10.86	43.44		31	74
Male	1,302,527	5.77	19.27	3.34	0.00	0.00	0.00	0.00	33.73			
Female	1,164,858	6.51	21.29	3.27	0.00	0.00	0.00	0.00	37.86			
Age 0 to 17	2,836	11.74	32.12	2.74	0.00	0.00	0.00	10.86	65.59			
Age 18 to 44	331,392	6.75	21.43	3.17	0.00	0.00	0.00	0.00	39.70			
Age 45 to 59	610,682	5.95	19.42	3.26	0.00	0.00	0.00	0.00	35.40			
Age 60 to 69	575,210	5.91	19.57	3.31	0.00	0.00	0.00	0.00	34.67			
Age 70 to 79	631,039	6.12	20.84	3.41	0.00	0.00	0.00	0.00	35.24			
Age 80+	316,325	6.13	20.43	3.33	0.00	0.00	0.00	0.00	35.40			
Diabetic	1,633,881	6.42	20.92	3.26	0.00	0.00	0.00	0.00	37.79			
Non-diabetic	831,531	5.53	18.86	3.41	0.00	0.00	0.00	0.00	32.58			
BSA < 1.84	1,053,920	6.27	20.85	3.33	0.00	0.00	0.00	0.00	36.09			
BSA 1.84+	1,045,838	6.13	19.76	3.22	0.00	0.00	0.00	0.00	36.14			
RRT 0 to 5 months	285,332	9.25	25.21	2.73	0.00	0.00	0.00	10.86	48.35			
RRT 6 to 11 months	246,223	7.24	22.50	3.11	0.00	0.00	0.00	0.00	40.12			
RRT 12+ months	1,935,929	5.52	19.05	3.45	0.00	0.00	0.00	0.00	32.58			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Infection Labs												
Type of patient		Per session			Per session							
All patients	2,616,750	0.67	4.48	6.69	0.00	0.00	0.00	0.00	3.33		22	73
HD only	2,467,523	0.66	4.49	6.80	0.00	0.00	0.00	0.00	3.30		21	73
PD only	146,799	0.77	3.87	5.03	0.00	0.00	0.00	0.82	3.75		31	74
Male	1,302,527	0.61	3.92	6.43	0.00	0.00	0.00	0.00	3.11			
Female	1,164,858	0.71	5.05	7.11	0.00	0.00	0.00	0.00	3.48			
Age 0 to 17	2,836	1.35	5.33	3.95	0.00	0.00	0.00	0.84	7.21			
Age 18 to 44	331,392	0.73	4.48	6.14	0.00	0.00	0.00	0.00	3.65			
Age 45 to 59	610,682	0.62	4.02	6.48	0.00	0.00	0.00	0.00	3.20			
Age 60 to 69	575,210	0.63	4.18	6.63	0.00	0.00	0.00	0.00	3.16			
Age 70 to 79	631,039	0.67	5.10	7.61	0.00	0.00	0.00	0.00	3.26			
Age 80+	316,325	0.68	4.60	6.76	0.00	0.00	0.00	0.00	3.31			
Diabetic	1,633,881	0.69	4.76	6.90	0.00	0.00	0.00	0.00	3.43			
Non-diabetic	831,531	0.59	3.90	6.61	0.00	0.00	0.00	0.00	3.03			
BSA < 1.84	1,053,920	0.69	4.98	7.22	0.00	0.00	0.00	0.00	3.34			
BSA 1.84+	1,045,838	0.65	4.12	6.34	0.00	0.00	0.00	0.00	3.31			
RRT 0 to 5 months	285,332	1.19	7.49	6.29	0.00	0.00	0.00	0.84	5.43			
RRT 6 to 11 months	246,223	0.75	4.62	6.16	0.00	0.00	0.00	0.00	3.70			
RRT 12+ months	1,935,929	0.57	3.83	6.72	0.00	0.00	0.00	0.00	2.91			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Infection Labs												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	4.66	15.73	3.38	0.00	0.00	0.00	0.00	28.84			
Start of dialysis	23,135	10.79	25.73	2.38	0.00	0.00	0.00	10.86	45.84			
Training	338	10.18	19.30	1.90	0.00	0.00	0.00	10.86	51.85			
Transplant	5,130	22.62	32.50	1.44	0.00	0.00	10.86	32.58	88.91			
Death or withdrawal from dialysis	31,533	9.18	26.70	2.91	0.00	0.00	0.00	10.85	50.61			
Hospitalization only	364,987	11.02	28.05	2.55	0.00	0.00	0.00	10.86	57.24			
Modality switch	633	16.67	30.51	1.83	0.00	0.00	0.00	21.72	74.37			
Transfer between facilities	78,768	6.30	20.06	3.18	0.00	0.00	0.00	0.00	35.02			
Multiple events	22,269	13.57	30.81	2.27	0.00	0.00	0.00	13.66	64.24			
Unexplained low number of sessio	145,983	8.62	33.81	3.92	0.00	0.00	0.00	0.00	43.44			
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	5.84	19.47	3.33	0.00	0.00	0.00	0.00	34.80			
Hospital-based	299,035	7.07	22.44	3.17	0.00	0.00	0.00	0.00	39.70			
Freestanding non-chain	328,118	6.82	22.32	3.27	0.00	0.00	0.00	0.00	38.53			
Urban	1,986,035	5.97	20.17	3.38	0.00	0.00	0.00	0.00	34.97			
Rural	429,963	6.62	20.24	3.06	0.00	0.00	0.00	0.00	39.35			
Small	358,918	6.72	22.37	3.33	0.00	0.00	0.00	0.00	39.08			
Medium	945,194	6.19	19.99	3.23	0.00	0.00	0.00	0.00	36.19			
Large	1,163,411	5.88	19.77	3.36	0.00	0.00	0.00	0.00	34.18			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Infection Labs												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	0.36	1.21	3.36	0.00	0.00	0.00	0.00	2.22			
Start of dialysis	23,135	3.42	16.05	4.69	0.00	0.00	0.00	2.96	14.35			
Training	338	0.79	1.87	2.37	0.00	0.00	0.00	0.84	3.51			
Transplant	5,130	9.05	20.54	2.27	0.00	0.00	1.36	8.43	45.87			
Death or withdrawal from dialysis	31,533	2.45	11.83	4.83	0.00	0.00	0.00	1.09	11.28			
Hospitalization only	364,987	1.40	7.24	5.17	0.00	0.00	0.00	1.09	6.55			
Modality switch	633	1.39	2.92	2.10	0.00	0.00	0.00	1.73	5.88			
Transfer between facilities	78,768	0.54	2.49	4.61	0.00	0.00	0.00	0.00	2.81			
Multiple events	22,269	1.62	5.12	3.16	0.00	0.00	0.00	1.60	7.35			
Unexplained low number of sessio	145,983	1.30	9.56	7.35	0.00	0.00	0.00	0.00	5.22			
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	0.62	4.18	6.74	0.00	0.00	0.00	0.00	3.18			
Hospital-based	299,035	0.77	5.29	6.87	0.00	0.00	0.00	0.00	3.62			
Freestanding non-chain	328,118	0.76	5.30	6.97	0.00	0.00	0.00	0.00	3.57			
Urban	1,986,035	0.65	4.65	7.15	0.00	0.00	0.00	0.00	3.20			
Urban	429,963	0.69	3.64	5.28	0.00	0.00	0.00	0.00	3.61			
Small	358,918	0.74	5.11	6.91	0.00	0.00	0.00	0.00	3.63			
Medium	945,194	0.67	4.48	6.69	0.00	0.00	0.00	0.00	3.33			
Large	1,163,411	0.63	4.29	6.81	0.00	0.00	0.00	0.00	3.11			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Infection Labs												
Network		Per month			Per month							
Network 1	80,077	6.77	20.13	2.97	0.00	0.00	0.00	0.00	39.00			
Network 2	158,301	6.60	24.50	3.71	0.00	0.00	0.00	0.00	35.30			
Network 3	103,543	5.22	17.36	3.33	0.00	0.00	0.00	0.00	28.84			
Network 4	104,738	6.65	20.72	3.12	0.00	0.00	0.00	0.00	39.70			
Network 5	153,677	6.39	24.73	3.87	0.00	0.00	0.00	0.00	35.83			
Network 6	255,436	5.83	18.55	3.18	0.00	0.00	0.00	0.00	33.73			
Network 7	140,850	6.43	19.72	3.07	0.00	0.00	0.00	0.00	39.70			
Network 8	155,489	5.11	16.41	3.21	0.00	0.00	0.00	0.00	32.49			
Network 9	183,047	6.55	20.14	3.07	0.00	0.00	0.00	0.00	39.70			
Network 10	98,824	6.13	21.46	3.50	0.00	0.00	0.00	0.00	36.00			
Network 11	149,050	6.05	17.92	2.96	0.00	0.00	0.00	0.00	35.85			
Network 12	99,092	5.69	18.20	3.20	0.00	0.00	0.00	0.00	35.29			
Network 13	113,382	6.74	21.11	3.13	0.00	0.00	0.00	0.00	39.70			
Network 14	226,099	5.74	18.28	3.18	0.00	0.00	0.00	0.00	32.94			
Network 15	96,100	4.97	17.07	3.43	0.00	0.00	0.00	0.00	30.09			
Network 16	60,203	7.04	21.28	3.02	0.00	0.00	0.00	0.00	41.36			
Network 17	95,336	5.85	21.26	3.63	0.00	0.00	0.00	0.00	33.00			
Network 18	145,295	6.49	23.10	3.56	0.00	0.00	0.00	0.00	35.40			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Infection Labs												
Network		Per session			Per session							
Network 1	80,077	0.68	4.80	7.06	0.00	0.00	0.00	0.00	3.49			
Network 2	158,301	0.78	6.92	8.87	0.00	0.00	0.00	0.00	3.24			
Network 3	103,543	0.56	3.15	5.63	0.00	0.00	0.00	0.00	2.85			
Network 4	104,738	0.67	3.06	4.57	0.00	0.00	0.00	0.00	3.62			
Network 5	153,677	0.69	5.89	8.54	0.00	0.00	0.00	0.00	3.34			
Network 6	255,436	0.61	3.40	5.57	0.00	0.00	0.00	0.00	3.15			
Network 7	140,850	0.68	4.44	6.53	0.00	0.00	0.00	0.00	3.65			
Network 8	155,489	0.52	2.43	4.67	0.00	0.00	0.00	0.00	2.91			
Network 9	183,047	0.67	3.58	5.34	0.00	0.00	0.00	0.00	3.62			
Network 10	98,824	0.69	4.69	6.80	0.00	0.00	0.00	0.00	3.34			
Network 11	149,050	0.56	1.68	3.00	0.00	0.00	0.00	0.00	2.97			
Network 12	99,092	0.59	3.46	5.86	0.00	0.00	0.00	0.00	3.11			
Network 13	113,382	0.74	4.55	6.15	0.00	0.00	0.00	0.00	3.65			
Network 14	226,099	0.61	4.77	7.82	0.00	0.00	0.00	0.00	3.05			
Network 15	96,100	0.53	3.13	5.91	0.00	0.00	0.00	0.00	2.78			
Network 16	60,203	0.72	3.33	4.63	0.00	0.00	0.00	0.00	3.76			
Network 17	95,336	0.67	5.77	8.61	0.00	0.00	0.00	0.00	3.05			
Network 18	145,295	0.80	6.51	8.14	0.00	0.00	0.00	0.00	3.30			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Carnitine Labs												
Type of patient		Per month			Per month							
All patients*	2,616,750	6.73	14.17	2.11	0.00	0.00	0.00	0.00	35.60		20	76
HD only	2,467,523	6.83	14.27	2.09	0.00	0.00	0.00	0.00	35.60		21	76
PD only*	146,799	4.88	12.15	2.49	0.00	0.00	0.00	0.00	35.60		15	57
Male	1,302,527	6.81	14.22	2.09	0.00	0.00	0.00	0.00	35.60			
Female	1,164,858	6.86	14.33	2.09	0.00	0.00	0.00	0.00	35.60			
Age 0 to 17	2,836	4.92	12.27	2.49	0.00	0.00	0.00	0.00	35.60			
Age 18 to 44	331,392	6.81	14.21	2.09	0.00	0.00	0.00	0.00	35.60			
Age 45 to 59	610,682	6.83	14.21	2.08	0.00	0.00	0.00	0.00	35.60			
Age 60 to 69	575,210	6.95	14.44	2.08	0.00	0.00	0.00	0.00	35.60			
Age 70 to 79	631,039	6.84	14.28	2.09	0.00	0.00	0.00	0.00	35.60			
Age 80+	316,325	6.66	14.14	2.12	0.00	0.00	0.00	0.00	35.60			
Diabetic	1,633,881	6.87	14.26	2.08	0.00	0.00	0.00	0.00	35.60			
Non-diabetic	831,531	6.76	14.31	2.12	0.00	0.00	0.00	0.00	35.60			
BSA < 1.84	1,053,920	6.89	14.29	2.07	0.00	0.00	0.00	0.00	35.60			
BSA 1.84+	1,045,838	6.79	14.17	2.09	0.00	0.00	0.00	0.00	35.60			
RRT 0 to 5 months	285,332	7.63	15.05	1.97	0.00	0.00	0.00	0.00	35.60			
RRT 6 to 11 months	246,223	6.62	14.02	2.12	0.00	0.00	0.00	0.00	35.60			
RRT 12+ months	1,935,929	6.74	14.18	2.10	0.00	0.00	0.00	0.00	35.60			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Carnitine Labs												
Type of patient		Per session			Per session							
All patients	2,616,750	0.62	1.75	2.82	0.00	0.00	0.00	0.00	2.97		20	76
HD only	2,467,523	0.63	1.73	2.75	0.00	0.00	0.00	0.00	2.97		21	76
PD only	146,799	0.43	1.61	3.74	0.00	0.00	0.00	0.00	2.77		15	57
Male	1,302,527	0.63	1.71	2.71	0.00	0.00	0.00	0.00	2.97			
Female	1,164,858	0.64	1.75	2.73	0.00	0.00	0.00	0.00	2.97			
Age 0 to 17	2,836	0.47	1.50	3.19	0.00	0.00	0.00	0.00	2.74			
Age 18 to 44	331,392	0.61	1.58	2.59	0.00	0.00	0.00	0.00	2.97			
Age 45 to 59	610,682	0.61	1.58	2.59	0.00	0.00	0.00	0.00	2.97			
Age 60 to 69	575,210	0.64	1.74	2.72	0.00	0.00	0.00	0.00	2.97			
Age 70 to 79	631,039	0.65	1.85	2.85	0.00	0.00	0.00	0.00	2.97			
Age 80+	316,325	0.65	1.91	2.94	0.00	0.00	0.00	0.00	2.97			
Diabetic	1,633,881	0.64	1.73	2.70	0.00	0.00	0.00	0.00	2.97			
Non-diabetic	831,531	0.63	1.73	2.75	0.00	0.00	0.00	0.00	2.97			
BSA < 1.84	1,053,920	0.65	1.82	2.80	0.00	0.00	0.00	0.00	2.97			
BSA 1.84+	1,045,838	0.63	1.71	2.71	0.00	0.00	0.00	0.00	2.97			
RRT 0 to 5 months	285,332	1.01	3.11	3.08	0.00	0.00	0.00	0.00	4.45			
RRT 6 to 11 months	246,223	0.59	1.51	2.56	0.00	0.00	0.00	0.00	2.97			
RRT 12+ months	1,935,929	0.58	1.44	2.48	0.00	0.00	0.00	0.00	2.97			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Carnitine Labs												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	6.59	13.99	2.12	0.00	0.00	0.00	0.00	35.60			
Start of dialysis	23,135	18.52	18.64	1.01	0.00	0.00	18.09	35.60	35.60			
Training	338	7.30	14.39	1.97	0.00	0.00	0.00	0.00	35.60			
Transplant	5,130	4.50	11.72	2.60	0.00	0.00	0.00	0.00	35.60			
Death or withdrawal from dialysis	31,533	4.02	11.37	2.83	0.00	0.00	0.00	0.00	35.60			
Hospitalization only	364,987	7.05	14.54	2.06	0.00	0.00	0.00	0.00	35.60			
Modality switch	633	6.41	14.19	2.21	0.00	0.00	0.00	0.00	35.60			
Transfer between facilities	78,768	8.95	16.36	1.83	0.00	0.00	0.00	6.75	35.60			
Multiple events	22,269	11.07	18.13	1.64	0.00	0.00	0.00	35.60	35.60			
Unexplained low number of sessio	145,983	6.34	13.92	2.20	0.00	0.00	0.00	0.00	35.60			
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	7.16	14.50	2.03	0.00	0.00	0.00	0.00	35.60			
Hospital-based	299,035	4.05	11.73	2.90	0.00	0.00	0.00	0.00	35.60			
Freestanding non-chain	328,118	7.58	14.78	1.95	0.00	0.00	0.00	0.00	35.60			
Urban	1,986,035	6.85	14.30	2.09	0.00	0.00	0.00	0.00	35.60			
Rural	429,963	7.08	14.41	2.04	0.00	0.00	0.00	0.00	35.60			
Small	358,918	6.86	14.34	2.09	0.00	0.00	0.00	0.00	35.60			
Medium	945,194	7.06	14.53	2.06	0.00	0.00	0.00	0.00	35.60			
Large	1,163,411	6.64	14.04	2.11	0.00	0.00	0.00	0.00	35.60			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Carnitine Labs												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	0.50	1.07	2.14	0.00	0.00	0.00	0.00	2.74			
Start of dialysis	23,135	4.92	7.83	1.59	0.00	0.00	2.74	6.41	17.80			
Training	338	0.56	1.14	2.04	0.00	0.00	0.00	0.00	2.74			
Transplant	5,130	0.74	2.51	3.39	0.00	0.00	0.00	0.00	4.45			
Death or withdrawal from dialysis	31,533	0.84	3.15	3.75	0.00	0.00	0.00	0.00	5.93			
Hospitalization only	364,987	0.86	2.35	2.73	0.00	0.00	0.00	0.00	4.45			
Modality switch	633	0.55	1.53	2.78	0.00	0.00	0.00	0.00	3.08			
Transfer between facilities	78,768	0.72	1.47	2.04	0.00	0.00	0.00	0.52	2.97			
Multiple events	22,269	1.31	2.59	1.98	0.00	0.00	0.00	2.74	5.93			
Unexplained low number of sessio	145,983	0.79	2.28	2.89	0.00	0.00	0.00	0.00	3.96			
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	0.66	1.74	2.64	0.00	0.00	0.00	0.00	2.97			
Hospital-based	299,035	0.38	1.46	3.84	0.00	0.00	0.00	0.00	2.74			
Freestanding non-chain	328,118	0.71	1.89	2.66	0.00	0.00	0.00	0.00	3.05			
Urban	1,986,035	0.64	1.75	2.73	0.00	0.00	0.00	0.00	2.97			
Urban	429,963	0.64	1.66	2.59	0.00	0.00	0.00	0.00	2.97			
Small	358,918	0.65	1.84	2.83	0.00	0.00	0.00	0.00	2.97			
Medium	945,194	0.65	1.75	2.69	0.00	0.00	0.00	0.00	2.97			
Large	1,163,411	0.61	1.68	2.75	0.00	0.00	0.00	0.00	2.97			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Carnitine Labs												
Network		Per month			Per month							
Network 1	80,077	6.05	15.47	2.56	0.00	0.00	0.00	0.00	35.60			
Network 2	158,301	5.86	13.36	2.28	0.00	0.00	0.00	0.00	35.60			
Network 3	103,543	7.01	14.16	2.02	0.00	0.00	0.00	0.00	35.60			
Network 4	104,738	6.44	13.84	2.15	0.00	0.00	0.00	0.00	35.60			
Network 5	153,677	6.94	14.43	2.08	0.00	0.00	0.00	0.00	35.60			
Network 6	255,436	7.75	14.81	1.91	0.00	0.00	0.00	0.00	35.60			
Network 7	140,850	6.69	14.16	2.12	0.00	0.00	0.00	0.00	35.60			
Network 8	155,489	7.33	14.52	1.98	0.00	0.00	0.00	0.00	35.60			
Network 9	183,047	5.66	13.10	2.31	0.00	0.00	0.00	0.00	35.60			
Network 10	98,824	5.19	12.64	2.44	0.00	0.00	0.00	0.00	35.60			
Network 11	149,050	5.92	13.42	2.27	0.00	0.00	0.00	0.00	35.60			
Network 12	99,092	6.78	14.00	2.06	0.00	0.00	0.00	0.00	35.60			
Network 13	113,382	9.29	16.05	1.73	0.00	0.00	0.00	18.09	35.60			
Network 14	226,099	7.92	15.01	1.90	0.00	0.00	0.00	0.00	35.60			
Network 15	96,100	7.16	14.37	2.01	0.00	0.00	0.00	0.00	35.60			
Network 16	60,203	5.16	14.12	2.74	0.00	0.00	0.00	0.00	35.60			
Network 17	95,336	6.99	14.24	2.04	0.00	0.00	0.00	0.00	35.60			
Network 18	145,295	7.72	14.73	1.91	0.00	0.00	0.00	0.00	35.60			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1B: 'ESRD' Drugs & Related Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Carnitine Labs												
Network		Per session			Per session							
Network 1	80,077	0.56	1.77	3.16	0.00	0.00	0.00	0.00	2.97	1.44		
Network 2	158,301	0.57	1.89	3.32	0.00	0.00	0.00	0.00	2.97			
Network 3	103,543	0.66	1.76	2.67	0.00	0.00	0.00	0.00	2.97			
Network 4	104,738	0.60	1.65	2.75	0.00	0.00	0.00	0.00	2.97			
Network 5	153,677	0.66	1.83	2.77	0.00	0.00	0.00	0.00	2.97			
Network 6	255,436	0.70	1.67	2.39	0.00	0.00	0.00	0.00	2.97			
Network 7	140,850	0.62	1.71	2.76	0.00	0.00	0.00	0.00	2.97			
Network 8	155,489	0.66	1.70	2.58	0.00	0.00	0.00	0.00	2.97			
Network 9	183,047	0.53	1.59	3.00	0.00	0.00	0.00	0.00	2.97			
Network 10	98,824	0.50	1.63	3.26	0.00	0.00	0.00	0.00	2.97			
Network 11	149,050	227.41	78.33	0.34	147.85	177.93	210.39	255.46	363.28			
Network 12	99,092	0.62	1.66	2.68	0.00	0.00	0.00	0.00	2.97			
Network 13	113,382	0.87	1.95	2.24	0.00	0.00	0.00	1.51	3.56			
Network 14	226,099	0.73	1.81	2.48	0.00	0.00	0.00	0.00	3.15			
Network 15	96,100	0.64	1.60	2.50	0.00	0.00	0.00	0.00	2.97			
Network 16	60,203	0.47	1.56	3.32	0.00	0.00	0.00	0.00	2.74			
Network 17	95,336	0.64	1.74	2.72	0.00	0.00	0.00	0.00	2.97			
Network 18	145,295	0.72	1.85	2.57	0.00	0.00	0.00	0.00	2.97			

Note: The data for Network 11 appear to have been transposed in the source with data for total payments under Bundle 1C (Table 1C-1).

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1C Total</b>												
<b>Type of patient</b>		<b>Per month</b>			<b>Per month</b>							
All patients*	2,616,750	2,720.75	1,030.35	0.38	1,507.81	2,123.74	2,553.44	3,131.84	4,507.17	1.47	100	100
HD only	2,467,523	2,758.10	1,034.95	0.38	1,523.43	2,165.20	2,589.00	3,166.90	4,552.44	1.46	100	100
PD only*	146,799	2,093.39	688.18	0.33	1,333.60	1,745.20	1,955.03	2,327.63	3,272.78	1.33	100	100
Male	1,302,527	2,744.74	1,039.69	0.38	1,528.94	2,147.32	2,569.27	3,151.03	4,552.69	1.47		
Female	1,164,858	2,773.07	1,029.44	0.37	1,517.47	2,185.93	2,610.79	3,183.94	4,552.16	1.46		
Age 0 to 17	2,836	2,676.43	1,071.76	0.40	1,207.46	2,051.08	2,529.98	3,112.74	4,587.15	1.52		
Age 18 to 44	331,392	2,879.99	1,159.90	0.40	1,602.20	2,189.84	2,655.06	3,313.50	4,953.68	1.51		
Age 45 to 59	610,682	2,845.03	1,103.38	0.39	1,600.97	2,191.73	2,641.71	3,269.79	4,800.37	1.49		
Age 60 to 69	575,210	2,776.41	1,027.20	0.37	1,547.76	2,188.44	2,614.39	3,192.60	4,541.80	1.46		
Age 70 to 79	631,039	2,681.33	948.68	0.35	1,456.88	2,147.87	2,550.30	3,083.54	4,295.16	1.44		
Age 80+	316,325	2,583.23	893.32	0.35	1,348.20	2,096.47	2,476.40	2,972.15	4,081.95	1.42		
Diabetic	1,633,881	2,758.85	1,025.00	0.37	1,498.96	2,172.02	2,597.79	3,174.21	4,539.68	1.46		
Non-diabetic	831,531	2,756.60	1,054.23	0.38	1,565.49	2,151.83	2,571.47	3,152.02	4,578.50	1.46		
BSA < 1.84	1,053,920	2,664.70	950.24	0.36	1,452.41	2,132.86	2,529.05	3,055.58	4,286.98	1.43		
BSA 1.84+	1,045,838	2,801.49	1,047.07	0.37	1,550.55	2,189.51	2,629.70	3,227.84	4,636.31	1.47		
RRT 0 to 5 months	285,332	2,724.82	1,072.01	0.39	904.73	2,125.78	2,672.65	3,295.60	4,479.81	1.55		
RRT 6 to 11 months	246,223	2,679.15	959.80	0.36	1,498.53	2,143.95	2,535.85	3,059.07	4,318.95	1.43		
RRT 12+ months	1,935,929	2,773.06	1,038.03	0.37	1,611.55	2,171.78	2,585.58	3,160.46	4,593.64	1.46		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1C Total</b>												
<b>Type of patient</b>		<b>Per session</b>			<b>Per session</b>							
All patients	2,616,750	229.03	99.22	0.43	143.07	176.12	209.03	257.09	376.21	1.46	100	100
HD only	2,467,523	231.73	88.93	0.38	148.41	179.51	212.07	259.91	378.71	1.45	100	100
PD only	146,799	170.63	92.47	0.54	123.35	136.43	152.84	183.28	268.33	1.34	100	100
Male	1,302,527	229.89	92.79	0.40	146.50	177.38	209.85	258.10	378.07	1.46		
Female	1,164,858	233.80	84.35	0.36	150.81	182.00	214.43	261.79	379.38	1.44		
Age 0 to 17	2,836	228.34	96.66	0.42	142.25	172.34	206.32	254.36	382.60	1.48		
Age 18 to 44	331,392	242.96	98.26	0.40	147.79	182.08	218.80	274.56	418.97	1.51		
Age 45 to 59	610,682	237.02	103.89	0.44	147.54	180.71	215.58	267.39	396.89	1.48		
Age 60 to 69	575,210	232.45	85.11	0.37	149.33	180.99	213.79	261.19	375.85	1.44		
Age 70 to 79	631,039	226.11	76.82	0.34	149.00	178.48	208.96	252.95	357.30	1.42		
Age 80+	316,325	219.73	72.90	0.33	147.90	175.29	203.60	244.85	342.30	1.40		
Diabetic	1,633,881	232.22	83.70	0.36	149.23	180.53	213.09	260.69	377.47	1.44		
Non-diabetic	831,531	230.78	98.38	0.43	146.88	177.65	210.04	258.29	381.14	1.45		
BSA < 1.84	1,053,920	225.79	78.26	0.35	148.74	177.98	207.91	251.84	359.87	1.41		
BSA 1.84+	1,045,838	234.93	85.70	0.36	148.99	181.29	215.32	264.81	384.83	1.46		
RRT 0 to 5 months	285,332	249.15	87.74	0.35	155.38	195.28	234.59	283.31	386.28	1.45		
RRT 6 to 11 months	246,223	226.23	78.60	0.35	149.26	178.51	208.16	251.81	362.87	1.41		
RRT 12+ months	1,935,929	229.87	90.04	0.39	147.65	177.97	209.58	256.72	379.21	1.44		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Bundle 1C Total												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	2,899.96	967.97	0.33	1,892.08	2,284.67	2,678.30	3,245.42	4,641.62	1.42		
Start of dialysis	23,135	1,483.70	913.39	0.62	294.14	757.85	1,334.38	2,050.52	3,155.28	2.71		
Training	338	3,392.53	1,180.94	0.35	1,967.67	2,637.55	3,135.94	4,001.66	5,377.79	1.52		
Transplant	5,130	1,605.68	848.16	0.53	494.70	983.32	1,509.04	2,072.40	3,066.96	2.11		
Death or withdrawal from dialysis	31,533	1,360.29	1,015.30	0.75	219.13	603.19	1,156.08	1,865.35	3,207.90	3.09		
Hospitalization only	364,987	2,470.06	1,129.78	0.46	856.78	1,801.47	2,338.27	2,985.30	4,419.06	1.66		
Modality switch	633	2,923.76	1,020.54	0.35	1,728.92	2,240.29	2,712.75	3,362.08	4,792.45	1.50		
Transfer between facilities	78,768	2,857.60	955.98	0.33	1,816.33	2,254.01	2,657.97	3,225.42	4,581.13	1.43		
Multiple events	22,269	2,500.69	1,071.39	0.43	1,043.12	1,824.02	2,347.16	3,006.76	4,410.25	1.65		
Unexplained low number of sessio	145,983	2,261.98	945.97	0.42	1,009.30	1,706.43	2,126.44	2,671.87	3,913.17	1.57		
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	2,752.99	1,006.33	0.37	1,539.97	2,168.61	2,589.65	3,160.89	4,518.67	1.46		
Hospital-based	299,035	2,839.30	1,252.69	0.44	1,460.04	2,144.57	2,600.33	3,268.25	4,952.96	1.52		
Freestanding non-chain	328,118	2,712.92	967.96	0.36	1,488.94	2,163.80	2,576.67	3,121.86	4,368.61	1.44		
Urban	1,986,035	2,781.85	1,035.12	0.37	1,533.77	2,189.49	2,615.06	3,193.48	4,581.39	1.46		
Rural	429,963	2,654.75	1,012.15	0.38	1,503.47	2,072.80	2,476.06	3,042.45	4,408.80	1.47		
Small	358,918	2,679.17	1,018.60	0.38	1,402.60	2,096.14	2,517.84	3,093.95	4,452.25	1.48		
Medium	945,194	2,736.24	1,026.27	0.38	1,525.14	2,153.86	2,569.91	3,136.61	4,496.21	1.46		
Large	1,163,411	2,800.20	1,044.96	0.37	1,560.38	2,197.64	2,626.31	3,213.39	4,626.29	1.46		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Bundle 1C Total												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	222.55	73.16	0.33	147.03	176.07	205.52	248.38	354.29	1.41		
Start of dialysis	23,135	290.61	145.61	0.50	160.68	218.20	264.27	322.38	488.83	1.48		
Training	338	247.82	81.91	0.33	154.32	192.73	228.89	275.70	444.98	1.43		
Transplant	5,130	296.07	174.17	0.59	157.95	199.33	246.97	326.47	619.35	1.64		
Death or withdrawal from dialysis	31,533	266.17	118.25	0.44	149.10	195.42	241.38	308.09	454.44	1.58		
Hospitalization only	364,987	262.05	101.33	0.39	157.99	198.41	240.29	298.62	435.17	1.51		
Modality switch	633	235.47	82.03	0.35	141.18	178.84	215.80	265.86	401.65	1.49		
Transfer between facilities	78,768	225.47	84.42	0.37	148.41	177.49	207.49	251.28	356.75	1.42		
Multiple events	22,269	259.47	100.67	0.39	158.74	198.26	239.05	292.83	422.96	1.48		
Unexplained low number of sessio	145,983	248.90	156.82	0.63	149.95	187.05	225.70	280.38	417.08	1.50		
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	231.13	81.47	0.35	148.44	179.67	212.07	259.47	376.60	1.44		
Hospital-based	299,035	239.39	132.09	0.55	147.35	177.95	213.75	268.61	409.85	1.51		
Freestanding non-chain	328,118	228.18	79.18	0.35	149.24	180.02	210.83	255.45	361.92	1.42		
Urban	1,986,035	234.00	84.13	0.36	150.37	181.74	214.31	262.34	381.70	1.44		
Urban	429,963	221.18	83.95	0.38	141.88	170.44	201.67	248.22	362.68	1.46		
Small	358,918	227.63	89.77	0.39	144.69	175.18	207.77	255.64	373.47	1.46		
Medium	945,194	229.55	82.85	0.36	147.90	178.35	210.18	257.31	373.18	1.44		
Large	1,163,411	234.77	93.22	0.40	150.32	181.94	214.83	263.26	384.65	1.45		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1C Total</b>												
<b>Network</b>		<b>Per month</b>			<b>Per month</b>							
Network 1	80,077	2,726.80	918.29	0.34	1,595.90	2,186.99	2,585.00	3,122.40	4,380.67	1.43		
Network 2	158,301	2,990.04	1,209.77	0.40	1,619.90	2,336.13	2,786.06	3,416.43	4,967.46	1.46		
Network 3	103,543	2,768.37	1,083.94	0.39	1,450.06	2,136.23	2,582.80	3,192.45	4,721.36	1.49		
Network 4	104,738	2,839.86	1,159.44	0.41	1,523.74	2,202.03	2,636.90	3,241.03	4,803.11	1.47		
Network 5	153,677	2,838.18	1,104.96	0.39	1,533.97	2,196.61	2,643.68	3,270.71	4,770.44	1.49		
Network 6	255,436	2,747.54	1,029.43	0.37	1,545.06	2,134.79	2,564.67	3,159.14	4,602.44	1.48		
Network 7	140,850	2,706.10	1,012.29	0.37	1,433.13	2,128.73	2,543.49	3,109.34	4,482.06	1.46		
Network 8	155,489	2,726.13	1,112.39	0.41	1,547.54	2,109.16	2,519.03	3,099.01	4,583.99	1.47		
Network 9	183,047	2,762.37	1,007.58	0.36	1,522.61	2,166.36	2,592.36	3,188.67	4,568.23	1.47		
Network 10	98,824	2,821.86	1,016.70	0.36	1,501.81	2,226.65	2,666.41	3,259.59	4,624.59	1.46		
Network 11	149,050	2,765.41	1,009.70	0.37	1,540.19	2,188.55	2,611.43	3,179.21	4,483.26	1.45		
Network 12	99,092	2,687.89	1,031.62	0.38	1,481.59	2,086.09	2,502.41	3,098.14	4,535.46	1.49		
Network 13	113,382	2,709.83	1,025.26	0.38	1,392.19	2,123.29	2,552.69	3,136.19	4,475.07	1.48		
Network 14	226,099	2,711.34	984.66	0.36	1,551.78	2,127.43	2,548.37	3,117.78	4,439.47	1.47		
Network 15	96,100	2,588.95	933.71	0.36	1,474.62	2,057.03	2,441.97	2,966.01	4,203.48	1.44		
Network 16	60,203	2,656.79	951.68	0.36	1,577.37	2,105.09	2,488.33	3,026.96	4,330.62	1.44		
Network 17	95,336	2,750.34	890.55	0.32	1,631.32	2,242.25	2,616.08	3,129.07	4,328.76	1.40		
Network 18	145,295	2,756.23	858.13	0.31	1,567.74	2,278.27	2,657.41	3,147.85	4,219.17	1.38		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

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Table 1C-1

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Bundle 1C Total												
Network		Per session			Per session							
Network 1	80,077	226.47	72.27	0.32	150.80	179.18	209.41	253.94	359.01	1.42		
Network 2	158,301	250.43	97.70	0.39	160.34	193.37	227.54	279.87	409.82	1.45		
Network 3	103,543	235.48	87.27	0.37	145.59	179.30	213.84	265.69	397.94	1.48		
Network 4	104,738	239.49	94.36	0.39	151.25	182.70	216.21	267.32	403.92	1.46		
Network 5	153,677	241.13	92.23	0.38	150.66	183.83	219.00	271.46	403.51	1.48		
Network 6	255,436	230.11	83.45	0.36	145.35	176.73	210.08	259.61	382.30	1.47		
Network 7	140,850	229.84	84.32	0.37	147.78	177.73	209.74	257.38	377.94	1.45		
Network 8	155,489	227.64	92.28	0.41	143.64	173.39	205.11	253.52	381.31	1.46		
Network 9	183,047	232.58	80.02	0.34	148.74	180.01	213.26	263.56	379.30	1.46		
Network 10	98,824	239.72	87.86	0.37	153.05	185.52	219.57	270.03	391.04	1.46		
Network 11	149,050	1.52	10.83	7.13	0.00	0.00	0.31	0.64	4.09			
Network 12	99,092	224.95	86.24	0.38	142.63	171.84	204.63	253.16	374.34	1.47		
Network 13	113,382	231.12	80.87	0.35	147.17	178.92	212.13	260.35	376.35	1.46		
Network 14	226,099	226.28	83.01	0.37	145.53	175.61	208.18	254.12	366.80	1.45		
Network 15	96,100	215.35	74.87	0.35	141.83	169.29	198.53	240.99	346.34	1.42		
Network 16	60,203	217.80	76.09	0.35	144.31	170.63	199.45	242.99	351.66	1.42		
Network 17	95,336	227.21	68.69	0.30	156.77	182.76	210.64	252.31	353.25	1.38		
Network 18	145,295	231.17	68.65	0.30	161.65	188.68	216.19	256.22	347.97	1.36		

Note: The data for Network 11 appear to have been transposed in the source with data for carnitine labs under Bundle 1B (Table 1C-6).

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Other Injectables												
Type of patient		Per month			Per month							
All patients*	2,616,750	10.36	58.61	5.66	0.00	0.00	0.00	0.00	110.93		14	66
HD only	2,467,523	10.54	59.57	5.65	0.00	0.00	0.00	0.00	110.93		14	66
PD only*	146,799	7.29	39.02	5.35	0.00	0.00	0.00	0.00	50.94		11	52
Male	1,302,527	10.48	54.92	5.24	0.00	0.00	0.00	0.00	110.93			
Female	1,164,858	10.60	64.38	6.07	0.00	0.00	0.00	0.00	110.93			
Age 0 to 17	2,836	8.50	40.54	4.77	0.00	0.00	0.00	0.00	59.68			
Age 18 to 44	331,392	9.06	55.42	6.12	0.00	0.00	0.00	0.00	106.73			
Age 45 to 59	610,682	9.59	55.84	5.82	0.00	0.00	0.00	0.00	110.93			
Age 60 to 69	575,210	10.82	61.43	5.68	0.00	0.00	0.00	0.00	110.93			
Age 70 to 79	631,039	11.36	61.71	5.43	0.00	0.00	0.00	0.00	110.93			
Age 80+	316,325	11.77	62.95	5.35	0.00	0.00	0.00	0.00	110.93			
Diabetic	1,633,881	10.72	57.26	5.34	0.00	0.00	0.00	0.00	110.93			
Non-diabetic	831,531	10.17	63.84	6.28	0.00	0.00	0.00	0.00	110.93			
BSA < 1.84	1,053,920	10.94	62.45	5.71	0.00	0.00	0.00	0.00	110.93			
BSA 1.84+	1,045,838	11.23	56.48	5.03	0.00	0.00	0.00	0.00	110.93			
RRT 0 to 5 months	285,332	23.49	71.17	3.03	0.00	0.00	0.00	0.00	110.93			
RRT 6 to 11 months	246,223	17.83	71.95	4.04	0.00	0.00	0.00	0.00	110.93			
RRT 12+ months	1,935,929	7.70	55.48	7.21	0.00	0.00	0.00	0.00	34.80			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Other Injectables												
Type of patient		Per session			Per session							
All patients	2,616,750	0.89	5.55	6.24	0.00	0.00	0.00	0.00	8.53		14	66
HD only	2,467,523	0.90	5.54	6.16	0.00	0.00	0.00	0.00	8.53		14	66
PD only	146,799	0.62	3.99	6.44	0.00	0.00	0.00	0.00	4.24		11	52
Male	1,302,527	0.90	5.38	5.98	0.00	0.00	0.00	0.00	8.53			
Female	1,164,858	0.91	5.71	6.27	0.00	0.00	0.00	0.00	8.53			
Age 0 to 17	2,836	0.74	3.64	4.92	0.00	0.00	0.00	0.00	5.10			
Age 18 to 44	331,392	0.79	5.39	6.82	0.00	0.00	0.00	0.00	7.92			
Age 45 to 59	610,682	0.82	5.68	6.93	0.00	0.00	0.00	0.00	7.92			
Age 60 to 69	575,210	0.93	5.54	5.96	0.00	0.00	0.00	0.00	8.53			
Age 70 to 79	631,039	0.98	5.49	5.60	0.00	0.00	0.00	0.00	8.53			
Age 80+	316,325	1.01	5.50	5.45	0.00	0.00	0.00	0.00	8.53			
Diabetic	1,633,881	0.92	5.35	5.82	0.00	0.00	0.00	0.00	8.53			
Non-diabetic	831,531	0.87	5.87	6.75	0.00	0.00	0.00	0.00	8.53			
BSA < 1.84	1,053,920	0.94	5.99	6.37	0.00	0.00	0.00	0.00	8.53			
BSA 1.84+	1,045,838	0.96	5.24	5.46	0.00	0.00	0.00	0.00	8.53			
RRT 0 to 5 months	285,332	2.13	7.36	3.46	0.00	0.00	0.00	0.00	10.08			
RRT 6 to 11 months	246,223	1.51	6.70	4.44	0.00	0.00	0.00	0.00	9.24			
RRT 12+ months	1,935,929	0.65	5.00	7.69	0.00	0.00	0.00	0.00	3.00			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Other Injectables												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	10.68	61.72	5.78	0.00	0.00	0.00	0.00	110.93			
Start of dialysis	23,135	14.93	59.16	3.96	0.00	0.00	0.00	0.00	110.93			
Training	338	16.85	43.81	2.60	0.00	0.00	0.00	0.00	110.93			
Transplant	5,130	3.54	21.22	5.99	0.00	0.00	0.00	0.00	12.44			
Death or withdrawal from dialysis	31,533	5.09	34.62	6.80	0.00	0.00	0.00	0.00	12.44			
Hospitalization only	364,987	10.50	55.73	5.31	0.00	0.00	0.00	0.00	110.93			
Modality switch	633	17.40	65.60	3.77	0.00	0.00	0.00	0.00	110.93			
Transfer between facilities	78,768	10.65	55.99	5.26	0.00	0.00	0.00	0.00	110.93			
Multiple events	22,269	10.89	50.04	4.60	0.00	0.00	0.00	0.00	110.93			
Unexplained low number of sessio	145,983	9.39	49.51	5.27	0.00	0.00	0.00	0.00	110.93			
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	9.68	48.13	4.97	0.00	0.00	0.00	0.00	110.93			
Hospital-based	299,035	16.68	112.24	6.73	0.00	0.00	0.00	0.00	68.59			
Freestanding non-chain	328,118	9.74	46.62	4.79	0.00	0.00	0.00	0.00	110.93			
Urban	1,986,035	10.25	54.80	5.35	0.00	0.00	0.00	0.00	110.93			
Rural	429,963	12.33	78.04	6.33	0.00	0.00	0.00	0.00	110.93			
Small	358,918	12.47	74.73	5.99	0.00	0.00	0.00	0.00	110.93			
Medium	945,194	11.11	61.29	5.52	0.00	0.00	0.00	0.00	110.93			
Large	1,163,411	9.47	52.43	5.54	0.00	0.00	0.00	0.00	110.93			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Other Injectables												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	0.82	4.75	5.79	0.00	0.00	0.00	0.00	8.53			
Start of dialysis	23,135	2.59	12.44	4.80	0.00	0.00	0.00	0.00	15.85			
Training	338	1.23	3.35	2.72	0.00	0.00	0.00	0.00	7.92			
Transplant	5,130	0.65	5.79	8.91	0.00	0.00	0.00	0.00	1.20			
Death or withdrawal from dialysis	31,533	0.97	6.93	7.14	0.00	0.00	0.00	0.00	2.44			
Hospitalization only	364,987	1.13	6.79	6.01	0.00	0.00	0.00	0.00	9.24			
Modality switch	633	1.41	5.16	3.66	0.00	0.00	0.00	0.00	9.65			
Transfer between facilities	78,768	0.87	9.01	10.36	0.00	0.00	0.00	0.00	8.53			
Multiple events	22,269	1.14	5.31	4.66	0.00	0.00	0.00	0.00	9.24			
Unexplained low number of sessio	145,983	1.06	6.38	6.02	0.00	0.00	0.00	0.00	10.08			
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	0.83	4.36	5.25	0.00	0.00	0.00	0.00	8.53			
Hospital-based	299,035	1.44	9.95	6.91	0.00	0.00	0.00	0.00	5.62			
Freestanding non-chain	328,118	0.84	5.77	6.87	0.00	0.00	0.00	0.00	8.53			
Urban	1,986,035	0.88	5.29	6.01	0.00	0.00	0.00	0.00	8.53			
Urban	429,963	1.05	6.56	6.25	0.00	0.00	0.00	0.00	8.53			
Small	358,918	1.08	6.81	6.31	0.00	0.00	0.00	0.00	8.53			
Medium	945,194	0.95	5.87	6.18	0.00	0.00	0.00	0.00	8.53			
Large	1,163,411	0.81	4.76	5.88	0.00	0.00	0.00	0.00	8.53			

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Other Injectables												
Network		Per month			Per month							
Network 1	80,077	9.09	70.59	7.77	0.00	0.00	0.00	0.00	110.84			
Network 2	158,301	7.27	46.60	6.41	0.00	0.00	0.00	0.00	30.44			
Network 3	103,543	15.01	112.70	7.51	0.00	0.00	0.00	0.00	110.93			
Network 4	104,738	9.12	45.66	5.01	0.00	0.00	0.00	0.00	110.93			
Network 5	153,677	9.21	42.52	4.62	0.00	0.00	0.00	0.00	110.93			
Network 6	255,436	9.67	55.57	5.75	0.00	0.00	0.00	0.00	110.93			
Network 7	140,850	9.56	51.77	5.42	0.00	0.00	0.00	0.00	110.93			
Network 8	155,489	10.01	55.20	5.51	0.00	0.00	0.00	0.00	110.93			
Network 9	183,047	9.32	37.64	4.04	0.00	0.00	0.00	0.00	110.93			
Network 10	98,824	9.05	43.65	4.82	0.00	0.00	0.00	0.00	110.93			
Network 11	149,050	12.30	53.63	4.36	0.00	0.00	0.00	0.00	110.93			
Network 12	99,092	12.67	78.04	6.16	0.00	0.00	0.00	0.00	110.93			
Network 13	113,382	9.21	35.55	3.86	0.00	0.00	0.00	0.00	110.93			
Network 14	226,099	11.60	61.96	5.34	0.00	0.00	0.00	0.00	110.93			
Network 15	96,100	9.79	41.15	4.20	0.00	0.00	0.00	0.00	110.93			
Network 16	60,203	20.68	128.61	6.22	0.00	0.00	0.00	0.00	110.93			
Network 17	95,336	9.09	43.95	4.83	0.00	0.00	0.00	0.00	110.93			
Network 18	145,295	14.58	61.32	4.21	0.00	0.00	0.00	0.00	110.93			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Other Injectables												
Network		Per session			Per session							
Network 1	80,077	0.76	5.66	7.45	0.00	0.00	0.00	0.00	7.92	3.80		
Network 2	158,301	0.63	7.00	11.11	0.00	0.00	0.00	0.00	2.70			
Network 3	103,543	1.28	9.89	7.73	0.00	0.00	0.00	0.00	8.53			
Network 4	104,738	0.78	4.04	5.18	0.00	0.00	0.00	0.00	8.53			
Network 5	153,677	0.78	3.67	4.71	0.00	0.00	0.00	0.00	8.53			
Network 6	255,436	0.83	4.83	5.82	0.00	0.00	0.00	0.00	8.53			
Network 7	140,850	0.82	4.86	5.93	0.00	0.00	0.00	0.00	8.53			
Network 8	155,489	0.86	5.05	5.87	0.00	0.00	0.00	0.00	8.53			
Network 9	183,047	0.82	3.91	4.77	0.00	0.00	0.00	0.00	8.53			
Network 10	98,824	0.78	4.56	5.85	0.00	0.00	0.00	0.00	8.53			
Network 11	149,050	3.74	11.27	3.01	0.00	1.04	1.95	3.95	10.92			
Network 12	99,092	1.08	7.05	6.53	0.00	0.00	0.00	0.00	8.53			
Network 13	113,382	0.82	3.95	4.82	0.00	0.00	0.00	0.00	8.53			
Network 14	226,099	0.99	5.33	5.38	0.00	0.00	0.00	0.00	8.53			
Network 15	96,100	0.83	4.09	4.93	0.00	0.00	0.00	0.00	8.53			
Network 16	60,203	1.75	10.82	6.18	0.00	0.00	0.00	0.00	8.53			
Network 17	95,336	0.77	4.52	5.87	0.00	0.00	0.00	0.00	7.92			
Network 18	145,295	1.24	5.46	4.40	0.00	0.00	0.00	0.00	8.53			

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Other Labs												
Type of patient		Per month			Per month							
All patients*	2,616,750	36.05	52.93	1.47	0.00	12.98	21.71	46.76	110.94	3.60	81	98
HD only	2,467,523	36.10	52.85	1.46	0.00	12.98	21.71	46.80	110.76	3.61	82	98
PD only*	146,799	35.08	54.13	1.54	0.00	5.49	21.19	45.76	112.83	8.34	76	95
Male	1,302,527	35.91	53.91	1.50	0.00	12.98	20.85	46.09	111.52	3.55		
Female	1,164,858	36.30	51.64	1.42	0.00	13.00	23.27	47.91	109.95	3.69		
Age 0 to 17	2,836	40.49	72.60	1.79	0.00	0.00	17.80	46.29	159.06			
Age 18 to 44	331,392	34.67	58.53	1.69	0.00	6.42	18.40	42.46	115.89	6.61		
Age 45 to 59	610,682	34.24	51.23	1.50	0.00	10.93	19.94	43.94	108.37	4.02		
Age 60 to 69	575,210	36.59	52.84	1.44	0.00	13.56	23.66	47.93	110.19	3.53		
Age 70 to 79	631,039	37.85	52.63	1.39	0.00	14.43	24.97	49.38	111.86	3.42		
Age 80+	316,325	36.74	49.68	1.35	0.00	14.43	23.79	48.49	109.14	3.36		
Diabetic	1,633,881	37.06	51.42	1.39	0.00	13.56	23.79	48.51	111.35	3.58		
Non-diabetic	831,531	34.22	55.50	1.62	0.00	9.36	19.29	43.00	109.46	4.59		
BSA < 1.84	1,053,920	36.81	53.37	1.45	0.00	13.56	23.19	47.95	112.55	3.54		
BSA 1.84+	1,045,838	36.63	53.18	1.45	0.00	13.52	23.14	47.51	111.40	3.51		
RRT 0 to 5 months	285,332	45.99	64.78	1.41	0.00	14.43	29.44	59.76	134.51	4.14		
RRT 6 to 11 months	246,223	39.15	54.33	1.39	0.00	14.43	26.14	49.49	114.75	3.43		
RRT 12+ months	1,935,929	34.25	50.47	1.47	0.00	12.22	20.28	44.17	106.13	3.61		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Other Labs												
Type of patient		Per session			Per session							
All patients	2,616,750	3.69	13.12	3.56	0.00	1.00	1.83	3.90	10.81	3.90	81	98
HD only	2,467,523	3.68	12.66	3.44	0.00	1.02	1.83	3.91	10.80	3.83	82	98
PD only	146,799	3.52	18.47	5.25	0.00	0.44	1.70	3.67	10.20	8.34	76	95
Male	1,302,527	3.65	12.53	3.43	0.00	1.00	1.79	3.82	10.82	3.82		
Female	1,164,858	3.72	12.79	3.44	0.00	1.03	1.90	4.00	10.78	3.88		
Age 0 to 17	2,836	4.95	20.12	4.06	0.00	0.00	1.49	3.91	14.93			
Age 18 to 44	331,392	3.70	14.94	4.04	0.00	0.50	1.53	3.59	11.27	7.18		
Age 45 to 59	610,682	3.41	12.05	3.53	0.00	0.85	1.64	3.68	10.20	4.33		
Age 60 to 69	575,210	3.69	12.46	3.38	0.00	1.03	1.92	3.98	10.68	3.86		
Age 70 to 79	631,039	3.87	12.36	3.19	0.00	1.04	2.03	4.16	11.13	4.00		
Age 80+	316,325	3.79	12.02	3.17	0.00	1.04	1.98	4.09	11.05	3.93		
Diabetic	1,633,881	3.75	12.13	3.23	0.00	1.03	1.98	4.07	10.88	3.95		
Non-diabetic	831,531	3.55	13.62	3.84	0.00	0.75	1.58	3.60	10.63	4.80		
BSA < 1.84	1,053,920	3.82	13.23	3.46	0.00	1.03	1.90	4.03	11.20	3.91		
BSA 1.84+	1,045,838	3.72	12.56	3.38	0.00	1.03	1.87	3.96	10.85	3.84		
RRT 0 to 5 months	285,332	6.19	20.71	3.35	0.00	1.11	2.56	5.59	19.90	5.04		
RRT 6 to 11 months	246,223	3.78	10.50	2.78	0.00	1.11	2.13	4.23	10.93	3.81		
RRT 12+ months	1,935,929	3.30	11.22	3.40	0.00	0.94	1.68	3.68	9.72	3.91		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Other Labs												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	32.31	43.53	1.35	0.00	12.98	19.94	42.72	97.90	3.29		
Start of dialysis	23,135	84.35	98.34	1.17	0.00	33.66	66.03	105.36	211.25	3.13		
Training	338	50.32	74.60	1.48	0.00	14.43	33.06	67.63	136.11	4.69		
Transplant	5,130	160.97	174.90	1.09	0.00	37.35	113.11	228.95	481.11	6.13		
Death or withdrawal from dialysis	31,533	31.60	58.80	1.86	0.00	0.00	14.43	41.78	113.11			
Hospitalization only	364,987	45.79	67.82	1.48	0.00	14.43	29.20	59.31	140.12	4.11		
Modality switch	633	44.43	48.31	1.09	0.00	14.43	32.59	60.44	121.96	4.19		
Transfer between facilities	78,768	44.28	57.20	1.29	0.00	14.43	28.86	58.97	132.42	4.09		
Multiple events	22,269	62.08	84.34	1.36	0.00	14.43	43.00	81.67	178.78	5.66		
Unexplained low number of sessio	145,983	38.94	68.57	1.76	0.00	12.22	20.85	46.76	123.88	3.83		
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	34.90	51.09	1.46	0.00	12.98	20.85	44.94	107.21	3.46		
Hospital-based	299,035	35.44	54.24	1.53	0.00	9.36	21.59	45.44	110.23	4.85		
Freestanding non-chain	328,118	43.44	60.20	1.39	0.00	14.43	27.99	57.29	128.83	3.97		
Urban	1,986,035	36.42	53.56	1.47	0.00	13.00	22.04	47.27	111.42	3.64		
Rural	429,963	34.67	48.94	1.41	0.00	12.22	20.85	45.26	107.55	3.70		
Small	358,918	38.07	54.59	1.43	0.00	13.28	23.79	49.38	116.23	3.72		
Medium	945,194	36.27	52.61	1.45	0.00	12.98	22.88	47.26	110.54	3.64		
Large	1,163,411	35.35	52.48	1.48	0.00	12.98	20.85	45.69	109.16	3.52		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Other Labs												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	2.48	3.35	1.35	0.00	0.99	1.54	3.27	7.53	3.30		
Start of dialysis	23,135	25.77	51.02	1.98	0.00	5.80	12.45	27.06	90.43	4.67		
Training	338	4.00	6.10	1.53	0.00	1.03	2.30	5.07	12.99	4.92		
Transplant	5,130	59.63	111.88	1.88	0.00	4.23	18.70	63.13	278.96	14.92		
Death or withdrawal from dialysis	31,533	8.17	23.99	2.94	0.00	0.00	2.64	7.96	31.41			
Hospitalization only	364,987	6.13	19.59	3.20	0.00	1.20	2.97	6.47	19.05	5.39		
Modality switch	633	3.77	5.62	1.49	0.00	1.10	2.56	4.63	11.49	4.21		
Transfer between facilities	78,768	3.62	5.95	1.64	0.00	1.11	2.26	4.67	10.84	4.21		
Multiple events	22,269	7.63	15.85	2.08	0.00	1.60	4.36	8.79	23.51	5.49		
Unexplained low number of sessio	145,983	5.28	18.59	3.52	0.00	1.18	2.32	5.17	16.03	4.38		
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	3.54	11.84	3.34	0.00	1.00	1.76	3.78	10.43	3.78		
Hospital-based	299,035	3.74	15.06	4.03	0.00	0.82	1.78	3.82	10.85	4.66		
Freestanding non-chain	328,118	4.43	14.52	3.28	0.00	1.11	2.32	4.81	12.65	4.33		
Urban	1,986,035	3.72	13.07	3.51	0.00	1.03	1.83	3.95	10.85	3.83		
Urban	429,963	3.46	10.28	2.97	0.00	0.94	1.76	3.77	10.45	4.01		
Small	358,918	4.01	12.95	3.23	0.00	1.03	1.99	4.21	11.85	4.09		
Medium	945,194	3.69	12.72	3.45	0.00	1.03	1.84	3.94	10.75	3.83		
Large	1,163,411	3.57	12.50	3.50	0.00	1.00	1.78	3.80	10.50	3.80		

**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Other Labs												
Network		Per month			Per month							
Network 1	80,077	43.08	53.99	1.25	0.00	14.43	29.44	56.11	124.97	3.89		
Network 2	158,301	44.16	66.75	1.51	0.00	14.43	27.99	55.22	135.39	3.83		
Network 3	103,543	33.89	53.02	1.56	0.00	12.98	19.91	43.00	104.18	3.31		
Network 4	104,738	38.14	53.00	1.39	0.00	12.98	25.00	49.87	115.74	3.84		
Network 5	153,677	37.54	64.78	1.73	0.00	13.56	21.15	46.47	114.22	3.43		
Network 6	255,436	33.14	45.63	1.38	0.00	12.20	20.52	43.30	100.89	3.55		
Network 7	140,850	37.32	59.95	1.61	0.00	13.56	20.85	47.16	116.03	3.48		
Network 8	155,489	29.66	45.40	1.53	0.00	0.00	14.43	39.13	98.68			
Network 9	183,047	34.32	44.45	1.30	0.00	12.98	22.49	45.22	103.42	3.48		
Network 10	98,824	32.81	49.53	1.51	0.00	12.98	18.47	40.79	100.23	3.14		
Network 11	149,050	36.48	47.79	1.31	0.00	14.43	23.47	47.22	110.44	3.27		
Network 12	99,092	34.39	46.69	1.36	0.00	7.28	20.38	46.25	107.38	6.35		
Network 13	113,382	35.59	50.40	1.42	0.00	12.98	22.32	47.04	108.27	3.62		
Network 14	226,099	37.25	49.71	1.33	0.00	14.43	23.79	48.79	111.30	3.38		
Network 15	96,100	30.27	44.16	1.46	0.00	6.63	14.43	38.89	95.70	5.87		
Network 16	60,203	32.67	49.87	1.53	0.00	5.51	17.40	41.41	107.80	7.52		
Network 17	95,336	38.47	50.95	1.32	0.00	13.56	25.36	52.67	114.42	3.88		
Network 18	145,295	40.75	63.48	1.56	0.00	14.43	25.87	50.15	122.78	3.48		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 1C: 'All' Drugs & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Other Labs</b>												
<b>Network</b>		<b>Per session</b>			<b>Per session</b>							
Network 1	80,077	4.19	12.30	2.94	0.00	1.11	2.38	4.66	11.94	4.20		
Network 2	158,301	4.60	19.42	4.22	0.00	1.11	2.26	4.66	12.93	4.20		
Network 3	103,543	3.49	12.27	3.52	0.00	1.03	1.69	3.72	10.29	3.61		
Network 4	104,738	3.84	12.32	3.21	0.00	1.03	2.04	4.24	11.15	4.12		
Network 5	153,677	3.84	12.93	3.37	0.00	1.03	1.81	3.88	11.54	3.77		
Network 6	255,436	3.27	8.90	2.72	0.00	0.94	1.72	3.65	9.71	3.88		
Network 7	140,850	3.87	14.41	3.72	0.00	1.03	1.82	3.99	11.55	3.87		
Network 8	155,489	2.97	10.19	3.43	0.00	0.00	1.23	3.26	9.40			
Network 9	183,047	3.47	10.59	3.05	0.00	1.00	1.86	3.80	10.19	3.80		
Network 10	98,824	3.47	12.34	3.56	0.00	1.03	1.60	3.50	10.16	3.40		
Network 11	149,050	232.20	80.70	0.35	150.53	181.38	214.51	260.88	371.87	1.44		
Network 12	99,092	3.46	12.00	3.47	0.00	0.61	1.69	3.89	10.34	6.38		
Network 13	113,382	3.73	12.31	3.30	0.00	1.02	1.83	3.97	11.21	3.89		
Network 14	226,099	3.71	11.60	3.13	0.00	1.04	1.99	4.05	10.70	3.89		
Network 15	96,100	3.03	10.18	3.36	0.00	0.57	1.42	3.25	9.07	5.70		
Network 16	60,203	3.30	12.13	3.68	0.00	0.45	1.44	3.37	9.96	7.49		
Network 17	95,336	3.85	12.52	3.25	0.00	1.03	2.02	4.34	10.59	4.21		
Network 18	145,295	4.33	16.49	3.81	0.00	1.10	2.09	4.26	12.21	3.87		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1D: All Facility Services & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1D Total</b>												
<b>Type of patient</b>		<b>Per month</b>			<b>Per month</b>							
All patients*	2,616,750	2,737.55	1,044.49	0.38	1,515.46	2,133.01	2,566.79	3,150.71	4,546.29	1.48	100	100
HD only	2,467,523	2,774.36	1,046.80	0.38	1,530.88	2,174.97	2,602.59	3,185.39	4,588.20	1.46	100	100
PD only*	146,799	2,100.83	709.56	0.34	1,339.06	1,746.27	1,958.15	2,335.11	3,298.61	1.34	100	100
Male	1,302,527	2,760.84	1,052.29	0.38	1,536.38	2,156.70	2,582.40	3,169.30	4,588.27	1.47		
Female	1,164,858	2,789.52	1,040.42	0.37	1,524.86	2,196.03	2,624.46	3,202.53	4,588.24	1.46		
Age 0 to 17	2,836	2,708.51	1,092.29	0.40	1,232.00	2,069.94	2,550.56	3,149.56	4,705.40	1.52		
Age 18 to 44	331,392	2,898.05	1,178.40	0.41	1,608.43	2,200.07	2,669.33	3,332.53	4,995.59	1.51		
Age 45 to 59	610,682	2,861.24	1,113.29	0.39	1,606.94	2,201.77	2,655.48	3,288.44	4,835.68	1.49		
Age 60 to 69	575,210	2,793.03	1,038.88	0.37	1,555.83	2,198.86	2,628.42	3,211.47	4,577.33	1.46		
Age 70 to 79	631,039	2,696.85	959.42	0.36	1,464.29	2,157.02	2,563.67	3,101.31	4,328.18	1.44		
Age 80+	316,325	2,598.42	903.57	0.35	1,354.24	2,105.60	2,489.20	2,989.45	4,116.83	1.42		
Diabetic	1,633,881	2,775.31	1,035.37	0.37	1,506.69	2,182.56	2,611.85	3,193.11	4,574.85	1.46		
Non-diabetic	831,531	2,772.48	1,068.89	0.39	1,571.72	2,160.49	2,583.85	3,169.54	4,614.96	1.47		
BSA < 1.84	1,053,920	2,680.71	961.60	0.36	1,460.26	2,142.38	2,542.14	3,073.92	4,322.41	1.43		
BSA 1.84+	1,045,838	2,817.99	1,059.83	0.38	1,558.51	2,199.55	2,643.35	3,245.96	4,672.51	1.48		
RRT 0 to 5 months	285,332	2,743.16	1,084.76	0.40	910.95	2,137.31	2,688.66	3,316.94	4,518.45	1.55		
RRT 6 to 11 months	246,223	2,695.82	971.39	0.36	1,505.46	2,154.06	2,549.74	3,078.39	4,357.36	1.43		
RRT 12+ months	1,935,929	2,788.96	1,049.80	0.38	1,617.74	2,181.46	2,598.87	3,178.34	4,628.71	1.46		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1D: All Facility Services & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1D Total</b>												
<b>Type of patient</b>		<b>Per session</b>			<b>Per session</b>							
All patients	2,616,750	230.89	114.97	0.50	143.37	176.90	210.12	258.63	379.64	1.46	100	100
HD only	2,467,523	233.15	90.33	0.39	148.87	180.36	213.20	261.46	381.97	1.45	100	100
PD only	146,799	171.48	95.12	0.55	123.37	136.51	153.01	183.68	271.65	1.35	100	100
Male	1,302,527	231.28	94.12	0.41	146.93	178.18	210.97	259.65	381.18	1.46		
Female	1,164,858	235.24	85.84	0.36	151.31	182.84	215.60	263.36	382.77	1.44		
Age 0 to 17	2,836	231.38	99.83	0.43	142.65	174.06	207.93	258.01	391.33	1.48		
Age 18 to 44	331,392	244.56	101.33	0.41	148.25	182.95	219.97	276.30	422.46	1.51		
Age 45 to 59	610,682	238.42	104.83	0.44	148.03	181.59	216.74	268.93	399.96	1.48		
Age 60 to 69	575,210	233.89	86.35	0.37	149.85	181.87	214.96	262.78	379.05	1.44		
Age 70 to 79	631,039	227.46	78.03	0.34	149.45	179.26	210.03	254.44	360.38	1.42		
Age 80+	316,325	221.05	74.03	0.33	148.31	176.04	204.68	246.35	345.43	1.40		
Diabetic	1,633,881	233.65	84.82	0.36	149.74	181.40	214.25	262.28	380.64	1.45		
Non-diabetic	831,531	232.17	100.28	0.43	147.28	178.40	211.06	259.76	384.76	1.46		
BSA < 1.84	1,053,920	227.18	79.56	0.35	149.21	178.80	209.04	253.39	363.18	1.42		
BSA 1.84+	1,045,838	236.36	87.41	0.37	149.48	182.14	216.48	266.40	388.15	1.46		
RRT 0 to 5 months	285,332	250.87	89.14	0.36	156.05	196.33	235.92	285.11	390.01	1.45		
RRT 6 to 11 months	246,223	227.68	80.05	0.35	149.78	179.37	209.31	253.39	366.16	1.41		
RRT 12+ months	1,935,929	231.23	91.43	0.40	148.09	178.77	210.66	258.23	382.37	1.44		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1D: All Facility Services & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1D Total</b>												
<b>Type of Month</b>		<b>Per month</b>			<b>Per month</b>							
Full month HD, no events	1,794,747	2,915.81	979.05	0.34	1,897.90	2,294.74	2,691.68	3,263.34	4,675.64	1.42		
Start of dialysis	23,135	1,493.70	923.21	0.62	295.13	761.29	1,340.23	2,062.32	3,180.48	2.71		
Training	338	3,419.00	1,182.15	0.35	1,971.63	2,648.26	3,164.09	4,016.32	5,403.07	1.52		
Transplant	5,130	1,612.54	852.95	0.53	495.99	986.12	1,516.05	2,078.27	3,083.39	2.11		
Death or withdrawal from dialysis	31,533	1,370.00	1,024.09	0.75	220.56	606.13	1,163.26	1,879.82	3,234.15	3.10		
Hospitalization only	364,987	2,487.66	1,144.04	0.46	862.10	1,811.75	2,353.10	3,005.17	4,457.80	1.66		
Modality switch	633	3,083.99	1,163.29	0.38	1,741.53	2,289.74	2,837.89	3,588.46	5,353.54	1.57		
Transfer between facilities	78,768	2,878.71	973.64	0.34	1,822.54	2,264.80	2,672.77	3,248.40	4,630.69	1.43		
Multiple events	22,269	2,531.40	1,098.67	0.43	1,063.63	1,839.99	2,368.15	3,039.99	4,476.39	1.65		
Unexplained low number of sessio	145,983	2,277.20	961.72	0.42	1,015.52	1,715.07	2,138.37	2,688.25	3,946.81	1.57		
<b>Type of facility</b>		<b>Per month</b>			<b>Per month</b>							
Freestanding chain	1,840,044	2,765.02	1,012.04	0.37	1,546.05	2,177.04	2,600.84	3,175.12	4,540.73	1.46		
Hospital-based	299,035	2,879.43	1,294.20	0.45	1,475.45	2,161.84	2,626.71	3,312.10	5,069.95	1.53		
Freestanding non-chain	328,118	2,731.22	978.33	0.36	1,496.27	2,174.88	2,593.22	3,143.46	4,405.86	1.45		
Urban	1,986,035	2,797.84	1,046.09	0.37	1,541.72	2,199.27	2,628.31	3,211.59	4,615.95	1.46		
Rural	429,963	2,671.51	1,027.20	0.38	1,510.63	2,082.40	2,490.05	3,061.93	4,444.91	1.47		
Small	358,918	2,697.89	1,039.89	0.39	1,410.45	2,106.57	2,531.67	3,114.11	4,493.30	1.48		
Medium	945,194	2,751.96	1,035.87	0.38	1,532.83	2,163.88	2,583.84	3,155.34	4,526.06	1.46		
Large	1,163,411	2,816.15	1,055.83	0.37	1,567.70	2,207.06	2,639.36	3,231.48	4,665.47	1.46		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1D: All Facility Services & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1D Total</b>												
<b>Type of Month</b>		<b>Per session</b>			<b>Per session</b>							
Full month HD, no events	1,794,747	223.77	73.99	0.33	147.46	176.84	206.58	249.75	356.86	1.41		
Start of dialysis	23,135	292.33	146.30	0.50	161.25	219.42	265.82	324.43	493.90	1.48		
Training	338	250.11	82.92	0.33	154.43	193.07	232.64	279.25	445.67	1.45		
Transplant	5,130	297.14	174.64	0.59	158.77	200.13	248.09	327.45	619.35	1.64		
Death or withdrawal from dialysis	31,533	268.08	119.76	0.45	149.58	196.39	242.74	310.20	459.28	1.58		
Hospitalization only	364,987	263.94	103.05	0.39	158.67	199.56	241.77	300.75	439.39	1.51		
Modality switch	633	249.72	99.84	0.40	141.30	180.73	221.74	288.66	466.27	1.60		
Transfer between facilities	78,768	227.42	87.76	0.39	148.92	178.31	208.62	253.01	362.21	1.42		
Multiple events	22,269	263.27	106.60	0.40	159.75	199.51	241.03	296.88	434.50	1.49		
Unexplained low number of sessio	145,983	250.72	160.19	0.64	150.43	187.96	226.98	282.24	421.45	1.50		
<b>Type of facility</b>		<b>Per session</b>			<b>Per session</b>							
Freestanding chain	1,840,044	232.18	82.17	0.35	148.86	180.39	212.99	260.65	378.73	1.44		
Hospital-based	299,035	242.89	136.26	0.56	148.06	179.39	216.11	272.68	419.85	1.52		
Freestanding non-chain	328,118	229.75	80.38	0.35	149.71	181.05	212.24	257.25	365.39	1.42		
Urban	1,986,035	235.39	85.36	0.36	150.84	182.57	215.43	263.88	385.11	1.45		
Urban	429,963	222.63	85.69	0.38	142.30	171.21	202.79	249.78	366.03	1.46		
Small	358,918	229.28	93.16	0.41	145.16	176.06	209.00	257.36	377.23	1.46		
Medium	945,194	230.92	83.87	0.36	148.36	179.19	211.35	258.88	375.91	1.44		
Large	1,163,411	236.16	94.31	0.40	150.79	182.73	215.93	264.81	388.16	1.45		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1D: All Facility Services & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1D Total</b>												
<b>Network</b>		<b>Per month</b>			<b>Per month</b>							
Network 1	80,077	2,753.69	964.00	0.35	1,605.45	2,200.08	2,600.80	3,147.84	4,438.23	1.43		
Network 2	158,301	3,008.37	1,221.96	0.41	1,628.28	2,346.30	2,800.15	3,438.88	5,011.31	1.47		
Network 3	103,543	2,777.09	1,088.86	0.39	1,453.47	2,142.27	2,591.04	3,202.80	4,733.03	1.50		
Network 4	104,738	2,852.99	1,171.43	0.41	1,531.77	2,211.95	2,648.60	3,256.72	4,824.65	1.47		
Network 5	153,677	2,854.43	1,111.58	0.39	1,542.56	2,208.40	2,658.77	3,289.56	4,799.48	1.49		
Network 6	255,436	2,759.98	1,035.35	0.38	1,551.06	2,143.00	2,576.11	3,174.24	4,624.06	1.48		
Network 7	140,850	2,725.16	1,022.11	0.38	1,444.58	2,141.17	2,561.60	3,130.84	4,516.40	1.46		
Network 8	155,489	2,737.54	1,122.15	0.41	1,553.03	2,116.39	2,528.39	3,110.88	4,606.65	1.47		
Network 9	183,047	2,775.11	1,013.64	0.37	1,530.28	2,174.84	2,603.82	3,203.26	4,593.44	1.47		
Network 10	98,824	2,835.75	1,029.50	0.36	1,508.68	2,234.06	2,676.64	3,273.90	4,662.35	1.47		
Network 11	149,050	2,783.02	1,030.88	0.37	1,547.23	2,196.65	2,623.17	3,195.93	4,538.26	1.45		
Network 12	99,092	2,701.65	1,043.79	0.39	1,488.46	2,092.03	2,512.16	3,113.02	4,573.71	1.49		
Network 13	113,382	2,722.62	1,033.75	0.38	1,397.76	2,131.18	2,562.93	3,150.92	4,508.89	1.48		
Network 14	226,099	2,726.11	991.42	0.36	1,559.55	2,138.83	2,561.81	3,134.55	4,466.61	1.47		
Network 15	96,100	2,613.03	961.28	0.37	1,481.20	2,067.41	2,456.50	2,989.87	4,285.35	1.45		
Network 16	60,203	2,682.48	981.69	0.37	1,588.54	2,116.71	2,507.36	3,054.94	4,405.53	1.44		
Network 17	95,336	2,767.24	899.57	0.33	1,640.84	2,251.87	2,631.79	3,150.79	4,362.12	1.40		
Network 18	145,295	2,780.84	868.71	0.31	1,579.76	2,295.33	2,681.51	3,178.08	4,258.34	1.38		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1D: All Facility Services & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 1D Total</b>												
<b>Network</b>		<b>Per session</b>			<b>Per session</b>							
Network 1	80,077	228.75	76.67	0.34	151.52	180.20	210.72	255.93	365.06	1.42		
Network 2	158,301	252.00	98.86	0.39	160.79	194.20	228.74	281.89	413.71	1.45		
Network 3	103,543	236.25	87.82	0.37	145.82	179.83	214.52	266.63	399.43	1.48		
Network 4	104,738	240.64	96.42	0.40	151.78	183.49	217.20	268.55	406.01	1.46		
Network 5	153,677	242.54	92.86	0.38	151.28	184.82	220.18	273.20	406.10	1.48		
Network 6	255,436	231.19	84.14	0.36	145.73	177.45	211.02	260.84	384.47	1.47		
Network 7	140,850	231.55	85.62	0.37	148.33	178.80	211.19	259.42	381.43	1.45		
Network 8	155,489	228.65	93.45	0.41	143.97	174.01	205.85	254.55	383.77	1.46		
Network 9	183,047	233.72	80.84	0.35	149.18	180.78	214.21	264.77	381.81	1.46		
Network 10	98,824	240.93	89.23	0.37	153.35	186.18	220.42	271.36	394.56	1.46		
Network 11	149,050	19.75	8.35	0.42	8.84	18.56	19.89	21.58	25.51	1.16		
Network 12	99,092	226.22	88.59	0.39	142.86	172.34	205.47	254.53	378.11	1.48		
Network 13	113,382	232.24	81.69	0.35	147.50	179.54	213.06	261.64	379.50	1.46		
Network 14	226,099	227.56	84.13	0.37	146.14	176.49	209.23	255.48	369.19	1.45		
Network 15	96,100	217.41	77.51	0.36	142.17	170.10	199.73	242.92	353.86	1.43		
Network 16	60,203	220.04	79.26	0.36	144.74	171.65	200.87	245.09	357.91	1.43		
Network 17	95,336	228.64	69.65	0.30	157.24	183.60	212.02	253.95	355.79	1.38		
Network 18	145,295	233.25	69.51	0.30	162.44	190.12	218.16	258.64	351.42	1.36		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1D: All Facility Services & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Other Facility Services												
Type of patient		Per month			Per month							
All patients*	2,616,750	16.80	110.73	6.59	0.00	0.50	5.50	8.50	54.34	17.00	81	96
HD only	2,467,523	16.27	96.78	5.95	0.00	1.00	6.00	8.50	55.00	8.50	84	98
PD only*	146,799	7.44	146.49	19.69	0.00	0.00	0.00	0.00	7.50		27	73
Male	1,302,527	16.10	104.73	6.50	0.00	1.00	6.00	8.50	54.00	8.50		
Female	1,164,858	16.45	87.02	5.29	0.00	1.00	6.00	8.71	56.01	8.71		
Age 0 to 17	2,836	32.08	152.52	4.75	0.00	0.00	4.50	10.38	143.89			
Age 18 to 44	331,392	18.06	152.33	8.43	0.00	1.12	5.85	8.50	55.45	7.59		
Age 45 to 59	610,682	16.21	87.56	5.40	0.00	1.50	6.00	8.74	55.45	5.83		
Age 60 to 69	575,210	16.62	87.38	5.26	0.00	1.00	6.00	9.00	56.32	9.00		
Age 70 to 79	631,039	15.52	81.61	5.26	0.00	0.50	5.50	8.50	54.34	17.00		
Age 80+	316,325	15.19	81.02	5.33	0.00	0.50	5.00	8.50	52.33	17.00		
Diabetic	1,633,881	16.46	87.04	5.29	0.00	1.00	6.00	9.00	57.34	9.00		
Non-diabetic	831,531	15.88	113.58	7.15	0.00	0.50	5.50	8.00	46.00	16.00		
BSA < 1.84	1,053,920	16.00	95.03	5.94	0.00	0.75	5.50	8.50	55.00	11.33		
BSA 1.84+	1,045,838	16.50	99.85	6.05	0.00	1.00	6.00	8.96	55.50	8.96		
RRT 0 to 5 months	285,332	18.35	101.77	5.55	0.00	0.50	5.00	9.50	60.96	19.00		
RRT 6 to 11 months	246,223	16.68	89.82	5.38	0.00	1.00	5.50	9.00	55.85	9.00		
RRT 12+ months	1,935,929	15.91	96.88	6.09	0.00	1.00	6.00	8.50	54.40	8.50		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 1D: All Facility Services & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Other Facility Services												
Type of patient		Per session			Per session							
All patients	2,616,750	1.87	31.24	16.71	0.00	0.04	0.48	0.68	4.50	17.00	81	96
HD only	2,467,523	1.41	9.38	6.65	0.00	0.08	0.50	0.69	4.54	8.63	84	98
PD only	146,799	0.85	14.00	16.47	0.00	0.00	0.00	0.00	0.60		27	73
Male	1,302,527	1.40	10.03	7.16	0.00	0.08	0.50	0.68	4.47	8.50		
Female	1,164,858	1.43	8.59	6.01	0.00	0.09	0.50	0.70	4.59	7.78		
Age 0 to 17	2,836	3.04	16.16	5.32	0.00	0.00	0.40	0.86	12.05			
Age 18 to 44	331,392	1.60	16.49	10.31	0.00	0.12	0.50	0.69	4.61	5.75		
Age 45 to 59	610,682	1.40	7.87	5.62	0.00	0.12	0.50	0.69	4.54	5.75		
Age 60 to 69	575,210	1.44	7.94	5.51	0.00	0.11	0.50	0.71	4.58	6.45		
Age 70 to 79	631,039	1.35	7.50	5.56	0.00	0.07	0.50	0.68	4.50	9.71		
Age 80+	316,325	1.32	7.23	5.48	0.00	0.04	0.46	0.67	4.38	16.75		
Diabetic	1,633,881	1.42	7.74	5.45	0.00	0.10	0.50	0.72	4.63	7.20		
Non-diabetic	831,531	1.39	11.96	8.60	0.00	0.07	0.48	0.65	3.92	9.29		
BSA < 1.84	1,053,920	1.40	9.32	6.66	0.00	0.08	0.50	0.69	4.54	8.63		
BSA 1.84+	1,045,838	1.43	9.56	6.69	0.00	0.11	0.50	0.69	4.55	6.27		
RRT 0 to 5 months	285,332	1.72	9.92	5.77	0.00	0.08	0.48	0.82	5.42	10.25		
RRT 6 to 11 months	246,223	1.46	8.14	5.58	0.00	0.08	0.50	0.73	4.59	9.13		
RRT 12+ months	1,935,929	1.36	9.44	6.94	0.00	0.08	0.50	0.68	4.46	8.50		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1D: All Facility Services & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Other Facility Services												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	15.86	88.95	5.61	0.00	1.00	6.43	8.81	55.05	8.81		
Start of dialysis	23,135	9.99	59.55	5.96	0.00	0.00	0.50	4.00	32.30			
Training	338	26.47	81.22	3.07	0.00	1.50	6.00	10.79	124.65	7.19		
Transplant	5,130	6.86	27.61	4.02	0.00	0.00	1.50	5.00	24.45			
Death or withdrawal from dialysis	31,533	9.72	57.32	5.90	0.00	0.00	1.50	4.50	29.70			
Hospitalization only	364,987	17.60	116.13	6.60	0.00	1.00	4.54	8.50	57.50	8.50		
Modality switch	633	160.24	321.43	2.01	0.00	0.50	5.00	129.99	846.35	#####		
Transfer between facilities	78,768	21.11	126.01	5.97	0.00	1.50	5.50	8.67	66.55	5.78		
Multiple events	22,269	30.70	147.63	4.81	0.00	1.00	4.00	9.50	126.78	9.50		
Unexplained low number of sessio	145,983	15.22	116.25	7.64	0.00	0.50	4.50	7.00	44.80	14.00		
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	12.03	44.80	3.72	0.00	2.00	6.00	8.50	43.66	4.25		
Hospital-based	299,035	40.13	233.22	5.81	0.00	0.00	0.00	11.31	162.90			
Freestanding non-chain	328,118	18.30	94.81	5.18	0.00	0.63	5.50	8.50	70.93	13.49		
Urban	1,986,035	15.99	87.73	5.49	0.00	1.37	6.00	8.63	54.96	6.30		
Rural	429,963	16.77	126.25	7.53	0.00	0.50	5.07	8.50	53.14	17.00		
Small	358,918	18.72	162.71	8.69	0.00	0.00	5.00	8.50	54.95			
Medium	945,194	15.72	68.79	4.38	0.00	1.00	6.00	8.50	56.49	8.50		
Large	1,163,411	15.95	88.61	5.56	0.00	1.00	6.00	8.50	53.99	8.50		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1D: All Facility Services & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Other Facility Services												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	1.22	6.78	5.56	0.00	0.08	0.50	0.67	4.25	8.38		
Start of dialysis	23,135	1.72	10.63	6.18	0.00	0.00	0.13	0.58	5.50			
Training	338	2.29	6.77	2.96	0.00	0.12	0.41	0.74	14.28	6.17		
Transplant	5,130	1.07	4.76	4.45	0.00	0.00	0.50	0.63	4.00			
Death or withdrawal from dialysis	31,533	1.91	11.52	6.03	0.00	0.00	0.50	0.75	5.83			
Hospitalization only	364,987	1.89	13.23	7.00	0.00	0.12	0.50	0.87	6.08	7.25		
Modality switch	633	14.25	29.61	2.08	0.00	0.04	0.40	10.26	76.63	#####		
Transfer between facilities	78,768	1.94	12.28	6.33	0.00	0.11	0.44	0.68	5.24	6.18		
Multiple events	22,269	3.79	18.78	4.96	0.00	0.09	0.43	0.93	15.49	10.33		
Unexplained low number of sessio	145,983	1.82	17.13	9.41	0.00	0.07	0.50	0.73	4.69	10.43		
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	1.05	4.57	4.35	0.00	0.17	0.50	0.69	3.80	4.06		
Hospital-based	299,035	3.50	22.41	6.40	0.00	0.00	0.00	0.95	13.61			
Freestanding non-chain	328,118	1.57	9.03	5.75	0.00	0.07	0.49	0.69	6.20	9.86		
Urban	1,986,035	1.39	8.50	6.12	0.00	0.12	0.50	0.69	4.54	5.75		
Urban	429,963	1.45	11.07	7.63	0.00	0.04	0.46	0.67	4.46	16.75		
Small	358,918	1.65	16.62	10.07	0.00	0.00	0.46	0.68	4.57			
Medium	945,194	1.36	6.43	4.73	0.00	0.12	0.50	0.69	4.59	5.75		
Large	1,163,411	1.38	8.22	5.96	0.00	0.08	0.50	0.69	4.46	8.63		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1D: All Facility Services & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Other Facility Services												
Network		Per month			Per month							
Network 1	80,077	26.89	245.07	9.11	0.00	1.00	5.50	7.50	45.36	7.50		
Network 2	158,301	18.32	99.68	5.44	0.00	1.00	6.00	9.00	66.39	9.00		
Network 3	103,543	8.72	47.03	5.39	0.00	0.00	2.07	7.00	31.50			
Network 4	104,738	13.13	138.62	10.56	0.00	1.00	6.00	8.79	50.53	8.79		
Network 5	153,677	16.24	65.13	4.01	0.00	1.50	6.00	8.50	59.99	5.67		
Network 6	255,436	12.45	52.62	4.23	0.00	2.50	6.50	8.50	39.89	3.40		
Network 7	140,850	19.07	63.79	3.35	0.00	2.00	6.50	9.00	89.00	4.50		
Network 8	155,489	11.41	58.18	5.10	0.00	2.00	6.00	8.00	29.70	4.00		
Network 9	183,047	12.74	64.16	5.04	0.00	1.50	6.00	8.50	39.70	5.67		
Network 10	98,824	13.90	60.83	4.38	0.00	1.50	6.00	8.50	46.29	5.67		
Network 11	149,050	17.62	124.84	7.09	0.00	0.00	3.50	8.00	50.45			
Network 12	99,092	13.76	80.21	5.83	0.00	0.00	3.00	7.00	31.85			
Network 13	113,382	12.80	47.20	3.69	0.00	2.00	6.00	8.50	36.20	4.25		
Network 14	226,099	14.77	52.93	3.58	0.00	2.00	6.50	11.00	52.55	5.50		
Network 15	96,100	24.08	187.92	7.80	0.00	0.50	5.00	8.00	47.57	16.00		
Network 16	60,203	25.69	147.36	5.74	0.00	0.00	4.80	8.88	95.58			
Network 17	95,336	16.90	65.97	3.90	0.00	0.00	5.95	9.00	64.03			
Network 18	145,295	24.61	79.88	3.25	0.00	2.50	7.00	19.50	88.62	7.80		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 1D: All Facility Services & 'All' Laboratory Tests**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Other Facility Services												
Network		Per session			Per session							
Network 1	80,077	2.29	20.99	9.17	0.00	0.08	0.46	0.62	3.73	7.75		
Network 2	158,301	1.57	8.85	5.64	0.00	0.09	0.50	0.69	5.63	7.67		
Network 3	103,543	0.77	4.44	5.77	0.00	0.00	0.19	0.54	2.92			
Network 4	104,738	1.16	16.73	14.42	0.00	0.08	0.50	0.70	4.23	8.75		
Network 5	153,677	1.41	6.06	4.30	0.00	0.13	0.50	0.68	5.00	5.23		
Network 6	255,436	1.08	5.06	4.69	0.00	0.20	0.50	0.69	3.54	3.45		
Network 7	140,850	1.70	6.37	3.75	0.00	0.19	0.50	0.73	7.14	3.84		
Network 8	155,489	1.00	5.44	5.44	0.00	0.15	0.50	0.65	2.48	4.33		
Network 9	183,047	1.14	6.19	5.43	0.00	0.12	0.50	0.68	3.52	5.67		
Network 10	98,824	1.21	6.00	4.96	0.00	0.13	0.50	0.67	4.04	5.15		
Network 11	149,050	233.72	82.59	0.35	150.89	182.04	215.40	262.23	377.09	1.44		
Network 12	99,092	1.27	11.12	8.76	0.00	0.00	0.27	0.58	2.77			
Network 13	113,382	1.12	4.62	4.13	0.00	0.18	0.50	0.69	3.21	3.83		
Network 14	226,099	1.27	5.11	4.02	0.00	0.19	0.50	0.91	4.30	4.79		
Network 15	96,100	2.07	15.98	7.72	0.00	0.04	0.45	0.65	4.01	16.25		
Network 16	60,203	2.24	12.95	5.78	0.00	0.00	0.42	0.69	7.67			
Network 17	95,336	1.43	6.65	4.65	0.00	0.00	0.50	0.71	5.06			
Network 18	145,295	2.07	6.82	3.29	0.00	0.23	0.54	1.69	7.47	7.35		

\* Includes PD patients.  
Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 2A: All Facility Services & 'All' Laboratory Tests & MCP**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 2A Total</b>												
<b>Type of patient</b>		<b>Per month</b>			<b>Per month</b>							
All patients*	2,616,750	2,970.14	1,062.80	0.36	1,681.68	2,369.05	2,810.49	3,396.89	4,792.57	1.43	100	100
HD only	2,467,523	3,007.46	1,065.21	0.35	1,700.45	2,412.04	2,846.53	3,431.66	4,834.67	1.42	100	100
PD only*	146,799	2,325.59	725.84	0.31	1,492.03	1,977.52	2,199.90	2,573.82	3,530.60	1.30	100	100
Male	1,302,527	2,994.43	1,070.12	0.36	1,708.81	2,394.15	2,826.86	3,415.67	4,834.82	1.43		
Female	1,164,858	3,022.08	1,059.50	0.35	1,690.57	2,432.72	2,868.35	3,448.73	4,834.59	1.42		
Age 0 to 17	2,836	3,004.51	1,125.09	0.37	1,455.93	2,370.16	2,856.84	3,472.75	5,015.19	1.47		
Age 18 to 44	331,392	3,130.86	1,191.89	0.38	1,799.71	2,435.20	2,910.70	3,576.46	5,237.19	1.47		
Age 45 to 59	610,682	3,093.38	1,129.08	0.36	1,793.20	2,436.58	2,896.63	3,532.45	5,080.95	1.45		
Age 60 to 69	575,210	3,025.38	1,057.77	0.35	1,721.73	2,435.60	2,871.67	3,456.57	4,823.40	1.42		
Age 70 to 79	631,039	2,931.15	981.17	0.33	1,621.23	2,396.01	2,809.79	3,350.14	4,577.60	1.40		
Age 80+	316,325	2,832.10	928.47	0.33	1,504.69	2,344.48	2,736.89	3,239.89	4,367.92	1.38		
Diabetic	1,633,881	3,007.47	1,055.29	0.35	1,666.11	2,419.29	2,855.74	3,439.48	4,821.46	1.42		
Non-diabetic	831,531	3,007.48	1,084.45	0.36	1,757.42	2,398.14	2,828.14	3,415.82	4,862.32	1.42		
BSA < 1.84	1,053,920	2,913.35	982.64	0.34	1,619.74	2,379.17	2,787.25	3,320.78	4,569.53	1.40		
BSA 1.84+	1,045,838	3,049.64	1,077.81	0.35	1,728.94	2,435.27	2,884.90	3,490.56	4,917.17	1.43		
RRT 0 to 5 months	285,332	2,951.37	1,122.99	0.38	981.92	2,349.69	2,917.25	3,552.51	4,759.47	1.51		
RRT 6 to 11 months	246,223	2,925.73	989.54	0.34	1,677.12	2,386.10	2,790.93	3,321.55	4,597.43	1.39		
RRT 12+ months	1,935,929	3,026.14	1,064.97	0.35	1,811.16	2,421.49	2,845.39	3,426.89	4,877.26	1.42		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 2A: All Facility Services & 'All' Laboratory Tests & MCP**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Bundle 2A Total												
Type of patient		Per session			Per session							
All patients	2,616,750	250.51	117.75	0.47	161.64	196.10	229.70	278.47	400.65	1.42	100	100
HD only	2,467,523	252.77	91.58	0.36	167.34	199.64	232.76	281.32	402.92	1.41	100	100
PD only	146,799	190.23	102.38	0.54	137.15	154.56	171.64	202.33	291.12	1.31	100	100
Male	1,302,527	250.90	95.42	0.38	165.36	197.43	230.57	279.54	402.33	1.42		
Female	1,164,858	254.85	87.04	0.34	169.81	202.14	235.17	283.21	403.53	1.40		
Age 0 to 17	2,836	257.99	107.94	0.42	165.04	199.81	233.04	285.50	426.27	1.43		
Age 18 to 44	331,392	264.42	103.07	0.39	166.70	202.19	239.62	296.59	444.24	1.47		
Age 45 to 59	610,682	257.87	106.17	0.41	166.32	200.65	236.14	288.65	421.00	1.44		
Age 60 to 69	575,210	253.33	87.51	0.35	168.17	201.06	234.40	282.44	399.54	1.40		
Age 70 to 79	631,039	247.16	79.03	0.32	168.13	198.70	229.77	274.35	380.85	1.38		
Age 80+	316,325	240.83	75.10	0.31	166.96	195.58	224.50	266.39	366.10	1.36		
Diabetic	1,633,881	253.18	85.96	0.34	168.18	200.65	233.76	282.03	401.37	1.41		
Non-diabetic	831,531	251.95	101.72	0.40	165.75	197.75	230.82	279.83	406.07	1.42		
BSA < 1.84	1,053,920	246.90	80.77	0.33	167.63	198.20	228.76	273.38	384.30	1.38		
BSA 1.84+	1,045,838	255.83	88.70	0.35	167.87	201.22	235.89	286.05	408.84	1.42		
RRT 0 to 5 months	285,332	269.74	90.58	0.34	173.73	214.79	254.62	304.24	410.70	1.42		
RRT 6 to 11 months	246,223	247.23	81.44	0.33	167.99	198.46	228.78	273.26	387.39	1.38		
RRT 12+ months	1,935,929	250.97	92.66	0.37	166.66	198.16	230.40	278.23	403.37	1.40		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 2A: All Facility Services & 'All' Laboratory Tests & MCP**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 2A Total</b>												
<b>Type of Month</b>		<b>Per month</b>			<b>Per month</b>							
Full month HD, no events	1,794,747	3,165.40	982.24	0.31	2,137.36	2,543.35	2,943.52	3,516.12	4,929.10	1.38		
Start of dialysis	23,135	1,591.03	977.02	0.61	313.57	812.31	1,434.16	2,204.60	3,369.85	2.71		
Training	338	3,643.49	1,194.16	0.33	2,130.01	2,869.16	3,378.71	4,228.48	5,668.57	1.47		
Transplant	5,130	1,734.64	904.13	0.52	523.52	1,056.01	1,640.56	2,251.88	3,259.80	2.13		
Death or withdrawal from dialysis	31,533	1,460.23	1,069.61	0.73	234.30	652.48	1,249.85	2,017.56	3,399.40	3.09		
Hospitalization only	364,987	2,670.69	1,174.96	0.44	946.81	1,987.73	2,552.42	3,215.65	4,676.24	1.62		
Modality switch	633	3,303.43	1,162.96	0.35	1,978.18	2,506.06	3,076.89	3,826.33	5,604.53	1.53		
Transfer between facilities	78,768	3,110.86	980.10	0.32	2,036.15	2,496.44	2,908.35	3,486.30	4,870.21	1.40		
Multiple events	22,269	2,704.25	1,126.67	0.42	1,153.10	1,997.84	2,557.51	3,236.30	4,681.80	1.62		
Unexplained low number of sessio	145,983	2,498.83	977.71	0.39	1,174.53	1,939.86	2,370.43	2,919.82	4,178.41	1.51		
<b>Type of facility</b>		<b>Per month</b>			<b>Per month</b>							
Freestanding chain	1,840,044	2,997.03	1,030.00	0.34	1,717.70	2,413.32	2,843.48	3,419.64	4,784.73	1.42		
Hospital-based	299,035	3,114.35	1,311.36	0.42	1,640.93	2,401.79	2,872.81	3,561.37	5,319.35	1.48		
Freestanding non-chain	328,118	2,968.78	1,001.54	0.34	1,656.57	2,413.90	2,843.33	3,397.85	4,662.14	1.41		
Urban	1,986,035	3,032.37	1,065.20	0.35	1,709.14	2,437.93	2,874.10	3,459.87	4,865.24	1.42		
Rural	429,963	2,897.61	1,041.45	0.36	1,689.00	2,314.23	2,725.31	3,297.39	4,679.89	1.42		
Small	358,918	2,923.84	1,059.47	0.36	1,565.18	2,337.07	2,769.52	3,352.91	4,734.50	1.43		
Medium	945,194	2,984.78	1,053.52	0.35	1,703.62	2,401.00	2,827.16	3,401.07	4,770.80	1.42		
Large	1,163,411	3,051.69	1,074.25	0.35	1,742.09	2,446.14	2,885.35	3,480.43	4,915.10	1.42		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 2A: All Facility Services & 'All' Laboratory Tests & MCP**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 2A Total</b>												
<b>Type of Month</b>		<b>Per session</b>			<b>Per session</b>							
Full month HD, no events	1,794,747	242.97	74.25	0.31	165.88	195.98	225.98	269.24	376.35	1.37		
Start of dialysis	23,135	309.83	147.65	0.48	175.76	235.81	283.28	342.83	514.71	1.45		
Training	338	266.96	84.78	0.32	172.73	208.97	248.10	296.40	464.36	1.42		
Transplant	5,130	317.60	181.01	0.57	175.42	218.39	267.39	346.99	641.95	1.59		
Death or withdrawal from dialysis	31,533	285.70	121.56	0.43	164.82	213.02	260.23	328.28	480.69	1.54		
Hospitalization only	364,987	283.67	104.68	0.37	176.78	218.57	261.18	320.89	461.62	1.47		
Modality switch	633	268.20	101.84	0.38	159.95	197.95	239.91	305.32	489.16	1.54		
Transfer between facilities	78,768	246.03	90.48	0.37	166.09	196.47	227.17	271.71	381.94	1.38		
Multiple events	22,269	281.53	109.77	0.39	175.87	217.19	258.91	315.35	455.33	1.45		
Unexplained low number of sessio	145,983	276.58	165.16	0.60	173.42	212.28	251.76	308.42	452.69	1.45		
<b>Type of facility</b>		<b>Per session</b>			<b>Per session</b>							
Freestanding chain	1,840,044	251.67	83.16	0.33	167.29	199.57	232.42	280.39	399.37	1.40		
Hospital-based	299,035	262.92	138.57	0.53	166.79	199.01	235.94	292.97	441.30	1.47		
Freestanding non-chain	328,118	249.70	81.66	0.33	168.18	200.61	232.25	277.66	386.52	1.38		
Urban	1,986,035	255.14	86.50	0.34	169.38	201.99	235.17	283.88	406.06	1.41		
Urban	429,963	241.53	87.05	0.36	160.52	189.93	221.60	268.79	385.88	1.42		
Small	358,918	248.56	95.40	0.38	163.27	194.95	228.24	276.86	398.02	1.42		
Medium	945,194	250.46	84.83	0.34	166.89	198.45	230.90	278.66	396.61	1.40		
Large	1,163,411	255.94	95.46	0.37	169.33	202.15	235.69	284.81	409.21	1.41		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 2A: All Facility Services & 'All' Laboratory Tests & MCP**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 2A Total</b>												
<b>Network</b>		<b>Per month</b>			<b>Per month</b>							
Network 1	80,077	3,006.51	984.24	0.33	1,786.24	2,458.46	2,865.48	3,413.65	4,706.00	1.39		
Network 2	158,301	3,257.43	1,244.75	0.38	1,790.26	2,599.14	3,062.68	3,706.46	5,276.89	1.43		
Network 3	103,543	3,005.93	1,113.89	0.37	1,596.91	2,370.70	2,837.36	3,451.90	4,984.04	1.46		
Network 4	104,738	3,087.36	1,189.37	0.39	1,683.27	2,450.99	2,894.22	3,503.51	5,070.76	1.43		
Network 5	153,677	3,081.42	1,129.94	0.37	1,706.05	2,438.06	2,897.57	3,527.67	5,039.80	1.45		
Network 6	255,436	2,989.25	1,049.83	0.35	1,737.89	2,378.62	2,814.92	3,411.66	4,863.36	1.43		
Network 7	140,850	2,957.10	1,040.60	0.35	1,611.59	2,379.44	2,804.30	3,376.09	4,758.43	1.42		
Network 8	155,489	2,961.29	1,134.51	0.38	1,731.71	2,345.46	2,760.46	3,344.43	4,839.11	1.43		
Network 9	183,047	3,002.70	1,029.87	0.34	1,705.91	2,407.06	2,840.37	3,441.84	4,831.77	1.43		
Network 10	98,824	3,075.49	1,048.00	0.34	1,681.30	2,479.41	2,929.14	3,526.17	4,913.49	1.42		
Network 11	149,050	3,018.12	1,050.11	0.35	1,719.64	2,436.48	2,868.53	3,444.88	4,789.22	1.41		
Network 12	99,092	2,924.28	1,058.39	0.36	1,654.06	2,321.26	2,743.82	3,345.66	4,799.61	1.44		
Network 13	113,382	2,943.01	1,052.02	0.36	1,549.98	2,355.84	2,794.95	3,383.99	4,737.00	1.44		
Network 14	226,099	2,956.76	1,008.22	0.34	1,736.30	2,374.38	2,801.78	3,375.87	4,707.84	1.42		
Network 15	96,100	2,844.05	977.82	0.34	1,657.58	2,303.94	2,696.64	3,231.20	4,528.37	1.40		
Network 16	60,203	2,917.53	995.19	0.34	1,781.90	2,357.94	2,749.35	3,299.53	4,651.38	1.40		
Network 17	95,336	3,014.29	920.31	0.31	1,821.19	2,504.27	2,889.52	3,412.55	4,622.49	1.36		
Network 18	145,295	3,023.80	895.38	0.30	1,738.64	2,543.48	2,937.30	3,437.11	4,522.99	1.35		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 2A: All Facility Services & 'All' Laboratory Tests & MCP**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
<b>Bundle 2A Total</b>												
<b>Network</b>		<b>Per session</b>			<b>Per session</b>							
Network 1	80,077	249.67	77.62	0.31	171.67	200.90	231.66	276.97	386.78	1.38		
Network 2	158,301	272.72	99.83	0.37	179.83	214.76	249.57	302.87	435.35	1.41		
Network 3	103,543	255.72	89.28	0.35	162.52	199.01	234.18	286.59	421.38	1.44		
Network 4	104,738	260.32	97.14	0.37	170.57	202.90	236.83	288.51	426.74	1.42		
Network 5	153,677	261.74	93.75	0.36	169.46	203.82	239.42	292.59	426.27	1.44		
Network 6	255,436	250.47	85.11	0.34	164.29	196.44	230.26	280.14	404.91	1.43		
Network 7	140,850	251.28	86.69	0.34	167.20	198.30	230.87	279.44	402.42	1.41		
Network 8	155,489	247.40	94.53	0.38	162.08	192.46	224.50	273.47	403.78	1.42		
Network 9	183,047	253.03	82.02	0.32	167.76	199.62	233.35	284.25	402.60	1.42		
Network 10	98,824	261.49	91.16	0.35	172.65	206.33	240.73	291.90	416.29	1.41		
Network 11	149,050											
Network 12	99,092	244.91	90.44	0.37	160.86	190.75	223.98	273.08	397.48	1.43		
Network 13	113,382	251.18	82.70	0.33	165.70	198.22	231.75	280.75	399.99	1.42		
Network 14	226,099	246.81	85.62	0.35	164.63	195.45	228.34	274.86	389.35	1.41		
Network 15	96,100	236.82	78.87	0.33	160.66	189.24	219.12	262.42	374.60	1.39		
Network 16	60,203	239.57	80.99	0.34	163.30	190.64	220.20	264.87	379.21	1.39		
Network 17	95,336	249.08	70.71	0.28	176.36	203.78	232.46	274.82	377.18	1.35		
Network 18	145,295	253.52	70.61	0.28	181.70	210.16	238.46	279.24	372.36	1.33		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 2A: All Facility Services & 'All' Laboratory Tests & MCP**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Physician MCP												
Type of patient		Per month			Per month							
All patients*	2,616,750	232.59	73.07	0.31	18.10	239.01	251.65	267.18	290.40	1.12	95	97
HD only	2,467,523	233.10	72.44	0.31	27.53	239.01	251.65	267.18	291.15	1.12	96	97
PD only*	146,799	224.76	81.86	0.36	0.00	237.34	249.58	261.55	284.93	1.10	91	94
Male	1,302,527	233.59	72.93	0.31	24.63	239.01	251.65	267.71	291.88	1.12		
Female	1,164,858	232.55	71.87	0.31	33.40	239.01	249.58	265.95	290.40	1.11		
Age 0 to 17	2,836	296.01	172.57	0.58	0.00	191.10	377.50	412.34	487.08	2.16		
Age 18 to 44	331,392	232.81	73.43	0.32	0.00	239.01	250.28	267.41	290.40	1.12		
Age 45 to 59	610,682	232.14	74.07	0.32	0.00	239.01	249.58	267.18	290.40	1.12		
Age 60 to 69	575,210	232.35	72.34	0.31	26.76	239.01	249.58	266.53	290.40	1.12		
Age 70 to 79	631,039	234.29	70.12	0.30	51.45	239.01	251.65	267.18	290.40	1.12		
Age 80+	316,325	233.67	71.10	0.30	41.35	239.01	252.84	268.49	296.98	1.12		
Diabetic	1,633,881	232.16	71.94	0.31	32.56	238.25	249.58	267.09	290.40	1.12		
Non-diabetic	831,531	235.00	73.27	0.31	19.10	239.84	252.23	267.71	296.98	1.12		
BSA < 1.84	1,053,920	232.64	73.46	0.32	20.40	237.73	251.65	268.49	297.06	1.13		
BSA 1.84+	1,045,838	231.65	72.45	0.31	24.75	239.01	249.58	265.50	289.23	1.11		
RRT 0 to 5 months	285,332	208.21	91.76	0.44	0.00	183.07	246.44	258.98	289.23	1.41		
RRT 6 to 11 months	246,223	229.91	75.27	0.33	0.00	237.34	249.58	265.50	290.00	1.12		
RRT 12+ months	1,935,929	237.17	67.95	0.29	63.06	241.68	251.65	267.71	296.98	1.11		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 2A: All Facility Services & 'All' Laboratory Tests & MCP**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Physician MCP												
Type of patient		Per session			Per session							
All patients	2,616,750	19.62	10.22	0.52	6.37	18.48	19.67	21.37	25.34	1.16	95	97
HD only	2,467,523	19.62	8.94	0.46	8.04	18.52	19.67	21.46	25.39	1.16	96	97
PD only	146,799	18.75	18.01	0.96	0.00	18.37	19.19	20.30	22.67	1.11	91	94
Male	1,302,527	19.61	9.17	0.47	7.34	18.50	19.68	21.46	25.36	1.16		
Female	1,164,858	19.62	8.67	0.44	8.25	18.55	19.67	21.43	25.43	1.16		
Age 0 to 17	2,836	26.61	30.22	1.14	0.00	17.40	29.04	32.88	44.99	1.89		
Age 18 to 44	331,392	19.87	10.52	0.53	0.00	18.44	19.81	21.58	27.32	1.17		
Age 45 to 59	610,682	19.45	9.36	0.48	0.00	18.43	19.67	21.46	25.13	1.16		
Age 60 to 69	575,210	19.44	8.50	0.44	7.95	18.44	19.61	21.31	24.90	1.16		
Age 70 to 79	631,039	19.69	8.17	0.41	9.23	18.63	19.67	21.36	25.09	1.15		
Age 80+	316,325	19.78	8.06	0.41	8.84	18.69	19.75	21.51	25.90	1.15		
Diabetic	1,633,881	19.53	8.55	0.44	8.25	18.47	19.66	21.35	25.09	1.16		
Non-diabetic	831,531	19.79	9.64	0.49	6.42	18.63	19.75	21.53	26.24	1.16		
BSA < 1.84	1,053,920	19.72	8.89	0.45	7.47	18.63	19.85	21.58	25.96	1.16		
BSA 1.84+	1,045,838	19.47	8.91	0.46	7.27	18.43	19.61	21.27	25.09	1.15		
RRT 0 to 5 months	285,332	18.88	11.24	0.60	0.00	17.98	19.56	21.29	26.98	1.18		
RRT 6 to 11 months	246,223	19.55	9.47	0.48	0.00	18.40	19.67	21.46	26.55	1.17		
RRT 12+ months	1,935,929	19.74	8.47	0.43	9.37	18.63	19.71	21.46	25.12	1.15		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 2A: All Facility Services & 'All' Laboratory Tests & MCP**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Physician MCP												
Type of Month		Per month			Per month							
Full month HD, no events	1,794,747	249.59	56.91	0.23	178.75	245.68	254.83	269.69	297.06	1.10		
Start of dialysis	23,135	97.33	92.12	0.95	0.00	28.68	83.10	153.85	244.29	5.36		
Training	338	224.49	85.91	0.38	0.00	242.36	251.65	265.50	289.60	1.10		
Transplant	5,130	122.11	91.97	0.75	0.00	39.95	115.67	197.58	268.49	4.95		
Death or withdrawal from dialysis	31,533	90.23	77.78	0.86	0.00	23.83	75.04	144.80	238.25	6.08		
Hospitalization only	364,987	183.04	81.23	0.44	0.00	141.13	206.23	239.01	275.53	1.69		
Modality switch	633	219.44	80.15	0.37	0.00	223.16	249.58	258.53	279.00	1.16		
Transfer between facilities	78,768	232.15	77.37	0.33	44.00	220.48	248.30	267.26	312.19	1.21		
Multiple events	22,269	172.86	84.71	0.49	8.30	116.04	188.94	232.95	279.20	2.01		
Unexplained low number of sessio	145,983	221.63	83.68	0.38	0.00	224.38	249.11	265.50	289.23	1.18		
Type of facility		Per month			Per month							
Freestanding chain	1,840,044	232.01	70.61	0.30	35.50	239.01	249.11	265.50	285.61	1.11		
Hospital-based	299,035	234.92	76.78	0.33	0.00	239.96	252.84	272.75	302.76	1.14		
Freestanding non-chain	328,118	237.56	78.05	0.33	10.30	239.01	254.89	280.31	301.13	1.17		
Urban	1,986,035	234.54	74.35	0.32	18.10	240.86	254.29	269.69	297.06	1.12		
Rural	429,963	226.10	61.41	0.27	67.84	236.14	245.68	250.00	262.36	1.06		
Small	358,918	225.95	74.71	0.33	0.00	236.14	247.03	258.36	285.36	1.09		
Medium	945,194	232.81	72.21	0.31	29.46	239.01	251.25	265.50	289.60	1.11		
Large	1,163,411	235.54	71.76	0.30	36.28	239.01	252.25	269.69	301.13	1.13		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 2A: All Facility Services & 'All' Laboratory Tests & MCP**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Physician MCP												
Type of Month		Per session			Per session							
Full month HD, no events	1,794,747	19.21	4.51	0.23	13.61	18.79	19.61	21.16	23.25	1.13		
Start of dialysis	23,135	17.50	18.74	1.07	0.00	10.29	18.04	20.50	30.01	1.99		
Training	338	16.85	8.47	0.50	0.00	14.76	17.55	19.55	27.96	1.32		
Transplant	5,130	20.46	24.19	1.18	0.00	14.89	19.39	22.24	37.52	1.49		
Death or withdrawal from dialysis	31,533	17.62	17.41	0.99	0.00	9.18	18.46	21.65	34.24	2.36		
Hospitalization only	364,987	19.73	12.30	0.62	0.00	17.72	19.79	21.99	29.01	1.24		
Modality switch	633	18.48	14.37	0.78	0.00	16.98	19.19	20.83	25.92	1.23		
Transfer between facilities	78,768	18.62	9.82	0.53	3.70	16.97	19.08	20.99	26.65	1.24		
Multiple events	22,269	18.26	12.26	0.67	0.77	14.32	18.43	21.22	31.00	1.48		
Unexplained low number of sessio	145,983	25.86	21.47	0.83	0.00	22.01	24.53	28.41	39.86	1.29		
Type of facility		Per session			Per session							
Freestanding chain	1,840,044	19.49	8.43	0.43	8.30	18.50	19.61	21.26	24.91	1.15		
Hospital-based	299,035	20.03	11.45	0.57	0.00	18.56	19.83	21.97	26.91	1.18		
Freestanding non-chain	328,118	19.94	9.09	0.46	4.21	18.61	20.18	22.26	26.12	1.20		
Urban	1,986,035	19.75	8.96	0.45	6.36	18.78	19.93	21.60	25.55	1.15		
Urban	429,963	18.90	8.16	0.43	10.23	18.06	19.00	19.98	23.24	1.11		
Small	358,918	19.29	10.70	0.55	0.00	18.24	19.40	20.89	25.55	1.15		
Medium	945,194	19.54	8.51	0.44	8.14	18.55	19.66	21.29	25.13	1.15		
Large	1,163,411	19.78	8.68	0.44	8.33	18.68	19.89	21.58	25.51	1.16		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.

**Bundle 2A: All Facility Services & 'All' Laboratory Tests & MCP**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile					IQR	Percent of:	
					5th	25th	50th	75th	95th		PM	Pts
Physician MCP												
Network		Per month			Per month							
Network 1	80,077	252.82	67.19	0.27	76.40	254.50	275.03	284.93	290.40	1.12		
Network 2	158,301	249.06	88.74	0.36	0.00	255.68	282.13	301.13	313.48	1.18		
Network 3	103,543	228.84	82.19	0.36	0.00	212.60	274.78	289.23	289.23	1.36		
Network 4	104,738	234.38	68.42	0.29	42.40	252.84	252.84	276.48	276.48	1.09		
Network 5	153,677	227.00	78.06	0.34	0.00	239.08	251.65	268.91	285.61	1.12		
Network 6	255,436	229.27	62.26	0.27	74.89	245.85	246.98	249.11	268.49	1.01		
Network 7	140,850	231.94	71.91	0.31	17.26	241.58	254.29	267.18	277.24	1.11		
Network 8	155,489	223.76	61.99	0.28	74.25	239.01	245.68	247.03	247.50	1.03		
Network 9	183,047	227.59	63.48	0.28	44.33	242.15	249.58	254.89	259.63	1.05		
Network 10	98,824	239.74	71.22	0.30	28.65	246.68	272.75	279.00	279.00	1.13		
Network 11	149,050	235.10	68.25	0.29	48.45	240.54	255.79	268.66	280.58	1.12		
Network 12	99,092	222.63	65.99	0.30	60.28	230.06	242.18	251.63	256.54	1.09		
Network 13	113,382	220.39	65.37	0.30	42.95	237.33	242.98	245.20	258.06	1.03		
Network 14	226,099	230.66	60.79	0.26	70.40	243.54	245.28	258.98	269.69	1.06		
Network 15	96,100	231.02	68.66	0.30	8.78	248.08	258.36	259.73	267.68	1.05		
Network 16	60,203	235.05	66.00	0.28	64.73	241.28	255.61	263.03	271.51	1.09		
Network 17	95,336	247.05	81.30	0.33	0.00	257.23	265.50	289.60	314.88	1.13		
Network 18	145,295	242.95	97.60	0.40	0.00	260.00	270.08	284.28	285.36	1.09		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.



**Bundle 2A: All Facility Services & 'All' Laboratory Tests & MCP**  
**HD Patients only (unless otherwise indicated)**

Preliminary Data  
 April 1, 2005

Description	Obs	Mean	Std Dev	C.V.	Percentile						Percent of:	
					5th	25th	50th	75th	95th	IQR	PM	Pts
Physician MCP												
Network		Per session			Per session							
Network 1	80,077	20.92	7.66	0.37	10.49	20.10	21.16	22.34	24.83	1.11		
Network 2	158,301	20.72	9.38	0.45	0.00	19.67	21.70	23.16	26.57	1.18		
Network 3	103,543	19.47	9.46	0.49	0.00	16.35	21.10	22.25	26.25	1.36		
Network 4	104,738	19.68	7.37	0.37	8.48	19.14	19.75	21.27	25.13	1.11		
Network 5	153,677	19.19	8.43	0.44	0.00	18.72	19.56	21.67	25.96	1.16		
Network 6	255,436	19.28	8.24	0.43	11.98	18.33	19.16	20.65	24.41	1.13		
Network 7	140,850	19.74	8.95	0.45	4.98	18.99	19.56	21.26	26.18	1.12		
Network 8	155,489	18.76	8.30	0.44	10.57	17.88	18.90	19.80	22.46	1.11		
Network 9	183,047	19.31	8.41	0.44	9.39	18.21	19.61	20.40	24.90	1.12		
Network 10	98,824	20.56	10.18	0.50	8.33	18.98	20.98	21.86	27.41	1.15		
Network 11	149,050	253.47	83.68	0.33	169.47	201.43	235.13	282.34	397.82	1.40		
Network 12	99,092	18.70	9.35	0.50	8.61	17.78	18.63	19.73	23.17	1.11		
Network 13	113,382	18.95	9.15	0.48	8.08	17.91	18.86	19.92	25.81	1.11		
Network 14	226,099	19.26	7.77	0.40	11.56	18.67	19.12	20.59	23.47	1.10		
Network 15	96,100	19.40	9.29	0.48	1.07	18.55	19.87	20.67	24.81	1.11		
Network 16	60,203	19.53	9.80	0.50	11.88	18.47	19.66	20.89	24.27	1.13		
Network 17	95,336	20.44	9.01	0.44	0.00	19.47	20.97	22.72	26.48	1.17		
Network 18	145,295	20.28	10.67	0.53	0.00	20.00	21.35	22.13	28.43	1.11		

\* Includes PD patients.  
 Source: KECC

Includes all patient months in 2003 having 1 - 20 dialysis sessions.