

## **1996 ANNUAL DATA REPORT**

**April 1996**

**The National Institutes of Health  
The National Institute of Diabetes and Digestive and Kidney Diseases  
Division of Kidney, Urologic, and Hematologic Diseases  
Bethesda, MD**

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Ann Arbor, Michigan.**

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The data reported here have been supplied by the United States Renal Data System (USRDS). The interpretation and reporting of these data are the responsibility of the author(s) and in no way should be seen as an official policy or interpretation of the U.S. Government.

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## USRDS COMMITTEES

The work of the U.S. Renal Data System would not be possible without the commitment of the experienced people who serve on its committees. Their names are listed below; Chapter I describes the USRDS organization.

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NIH/NIDDK  
ESRD Networks

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**RENAL COMMUNITY COUNCIL (RCC)**

The RCC includes the following organizations:  
American Association of Kidney Patients;  
American Council on Transplantation;  
American Diabetes Association; American  
Kidney Fund; American Nephrology Nurses  
Association; American Society for Artificial  
Internal Organs; American Society of  
Histocompatibility and Immunogenetics;  
American Society of Nephrology; American  
Society of Transplant Physicians; American  
Society of Transplant Surgeons; Centers for  
Disease Control; Council of Nephrology Social  
Workers; ESRD Network Forum; Federation of  
Associated Societies in Experimental Biology;  
Center for Devices and Radiological Health,  
FDA; Health Resources and Services  
Administration; Indian Health Service; Juvenile  
Diabetes Foundation; National Kidney and  
Urologic Diseases Advisory Board; National  
Heart, Lung, and Blood Institute; National  
Institute of Environmental Health Sciences;  
National Kidney Foundation; National  
Organization of State Kidney Programs;  
National Renal Administrators Association;

North American Pediatric Renal Transplant  
Cooperative Study; North American Transplant  
Coordinators Organization; Polycystic Kidney  
Research Foundation; Renal Physicians  
Association; South-Eastern Organ Procurement  
Foundation; United Network for Organ Sharing;  
and Department of Veterans Affairs.

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**ESRD NETWORKS AND THEIR STATES**

ESRD Network Organization No. 1  
CT, MA, ME, NH, RI, VT

ESRD Network Organization No. 2  
NY

ESRD Network Organization No. 3  
NJ, PR, VI

ESRD Network Organization No. 4  
DE, PA

ESRD Network Organization No. 5  
DC, MD, VA, WV

ESRD Network Organization No. 6  
GA, NC, SC

ESRD Network Organization No. 7  
FL

ESRD Network Organization No. 8  
AL, MS, TN

ESRD Network Organization No. 9  
IN, KY, OH

ESRD Network Organization No. 10  
IL

ESRD Network Organization No. 11  
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ESRD Network Organization No. 12  
IA, KS, MO, NE

ESRD Network Organization No. 13  
AR, LA, OK

ESRD Network Organization No. 14  
TX

ESRD Network Organization No. 15  
AZ, CO, NM, NV, UT, WY

ESRD Network Organization No. 16  
AK, ID, MT, OR, WA

ESRD Network Organization No. 17  
AS, CA (northern), CM, HI, GU

ESRD Network Organization No. 18  
CA (southern)

## List of Common Acronyms

### --- A ---

<b>ABO</b>	ABO blood type
<b>A, B, DR</b>	Gene locus of the Human Leukocyte Antigen (HLA) complex
<b>ADPKD</b>	Adult polycystic kidney disease
<b>ADR</b>	Annual Data Report of the USRDS
<b>AFS</b>	HCFA's Annual Facility Survey
<b>AIDS</b>	Acquired Immunodeficiency Syndrome
<b>ASN</b>	American Society of Nephrology

### --- B ---

<b>B</b>	Genetic locus of the Human Leukocyte Antigen (HLA) complex
<b>BDMS</b>	HCFA's Bureau of Data Management and Strategy
<b>BMAD</b>	HCFA's Part B Medicare Annual Data Files
<b>BPD</b>	HCFA's Bureau of Program Development
<b>BUN</b>	Blood Urea Nitrogen

### --- C ---

<b>CAD</b>	Cadaveric kidney donor
<b>CAPD</b>	Continuous ambulatory peritoneal dialysis
<b>CC</b>	USRDS Coordinating Center
<b>CCPD</b>	Continuous cycling peritoneal dialysis
<b>CMA</b>	USRDS Case Mix Adequacy Study
<b>CMS</b>	USRDS Case Mix Severity Study
<b>CMV</b>	Cytomegalovirus
<b>CPI</b>	Consumer Price Index
<b>CVD</b>	Cerebrovascular Disease

### --- D ---

<b>DB</b>	USRDS database
<b>DHHS</b>	U.S. Department of Health and Human Services
<b>DKUHD</b>	NIDDK's Division of Kidney, Urologic, and Hematologic Diseases
<b>DMAC</b>	USRDS Data Management Advisory Committee
<b>DMMS</b>	USRDS Dialysis Morbidity and Mortality Study
<b>DR</b>	Gene locus of the Human Leukocyte Antigen (HLA) complex
<b>DRG</b>	Diagnosis-related group used by Medicare for payment of in-patient hospital stays
<b>DRRC</b>	USRDS Data Request Review Committee
<b>DVA</b>	Department of Veterans Affairs (formerly the Veterans Administration)
<b>DX</b>	Diagnosis

### --- E ---

<b>EDARC</b>	USRDS Existing Data Analysis Review Committee
<b>EDTA</b>	European Dialysis and Transplant Association
<b>EPO</b>	Erythropoietin
<b>ESRD</b>	End-stage renal disease

### --- F ---

<b>FS</b>	Facility Survey
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### --- G ---

<b>GN</b>	Glomerulonephritis
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--- H ---

<b>HBsAg</b>	Hepatitis B surface antigen
<b>HCFA</b>	Health Care Financing Administration of the U.S. Department of Health and Human Services
<b>Hct</b>	Hematocrit
<b>HD</b>	Hemodialysis
<b>HHD</b>	Home Hemodialysis
<b>HIM</b>	Health Insurance Master file
<b>HLA</b>	Human Leukocyte Antigens
<b>HMO</b>	Health maintenance organization
<b>HRSA</b>	Health Resources and Services Administration of the DHHS
<b>HSQB</b>	HCFA's Health Standards and Quality Bureau
<b>HX</b>	History

--- I ---

<b>ICD9CM</b>	International Classification of or
<b>ICD9</b>	Diseases (of the World Health Organization), 9th Version, Clinical Modification
<b>IDDM</b>	Insulin-dependent diabetes mellitus (Type 1)
<b>IPD</b>	Intermittent peritoneal dialysis

--- K ---

<b>KM</b>	Kaplan-Meier survival probability
-----------	-----------------------------------

--- L ---

<b>LRD</b>	Living related donor
<b>LTF60</b>	Lost to followup for 60 days

--- M ---

<b>MADRS</b>	Medicare Automated Data Retrieval System
<b>MI</b>	Myocardial Infarction
<b>MKR</b>	Michigan Kidney Registry
<b>MM</b>	HLA mismatch

<b>MR</b>	Medical record
<b>MSA</b>	Metropolitan statistical area
<b>MSP</b>	Medicare Secondary Payer

--- N ---

<b>N or n</b>	Number of observations
<b>NIDDK</b>	National Institute of Diabetes and Digestive and Kidney Diseases (of NIH)
<b>NIDDM</b>	Noninsulin-dependent diabetes mellitus (Type 2)
<b>NIH</b>	National Institutes of Health
<b>NMC</b>	National Medical Care, Inc.
<b>NSM</b>	No stable modality
<b>NTIS</b>	National Technical Information Service of the U.S. Department of Commerce

--- O ---

<b>ORD</b>	HCFA's Office of Research and Demonstrations
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--- P ---

<b>PD</b>	Peritoneal dialysis
<b>PI</b>	Pacific Islander
<b>PMMIS</b>	HCFA's ESRD Program Medical Management and Information System
<b>PMP</b>	Per million population
<b>PR</b>	Puerto Rico
<b>PO</b>	Project officer
<b>PVD</b>	Peripheral vascular disease

--- Q ---

<b>Q</b>	Quartile, Quarter
<b>QC</b>	Quality control
<b>QALY</b>	Quality Adjusted Life Years

--- R ---

<b>RCC</b>	USRDS Renal Community Council
<b>RRT</b>	Renal replacement therapy
<b>RX</b>	Treatment modality

**--- S ---**

**SAC**      USRDS Scientific Advisory Committee  
**SAF**      Standard Analysis File  
**SAS**      SAS software  
**SHR**      Standardized Hospitalization Ratio  
**SMR**      Standardized Mortality Ratio  
**SSWG**    USRDS Special Studies Workgroup

**--- T ---**

**TX**      Transplant, Transplantation

**--- U ---**

**UNOS**    United Network for Organ Sharing  
**US**      United States  
**USRDS**    United States Renal Data System

**--- V ---**

**VA**      Veterans Administration (now the  
Department of Veterans Affairs (DVA))

**--- Z ---**

**ZIP**      Area code designation of the U.S. Postal  
Service

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- G. Transplant Outcome**
- H. Hospitalization**
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- J. Census Population Base**
- K. Medicare Payments**

## **APPENDICES**

### **A. USRDS Papers, Abstracts and Presentations**

### **B. Selected Special Studies Data Collection Forms**

Case Mix Adequacy Study

(Patient and Dialysis Forms)

1992 Administration to HD Patients Prevalent on Dec 31, 1990

Pediatric Growth and Development Study

1991 Administration to Patients born after December 31, 1970, and treated in at least one dialysis or transplant unit for 30 consecutive days or more during 1990

Dialysis Morbidity and Mortality Study

(DMMS) Wave I

1995 Administration to HD Patients Prevalent on Dec 31, 1993

Dialysis Morbidity and Mortality Study

(DMMS) Wave II

1996 Administration to PD and HD Patients Incident during 1996