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The U.S. Renal Data System offers its most grateful appreciation to everyone who helped to make this USRDS 1996 Annual Data Report a reality, especially all the ESRD professionals and Networks on whose reporting of data this enterprise ultimately rests.

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SUGGESTED CITATION

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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. The USRDS would like to thank the members of the Biomedical and Economic Scientific Advisory Committees who generously donated their time to a peer review of this 1996 Annual Data Report.
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HCFA

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HCFA/BDMS, HCFA/HSQB
NIH/NIDDK
ESRD Networks

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The RCC includes the following organizations:
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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.

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
MI, MN, ND, SD, WI

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 ---

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

--- B ---

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

--- C ---

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

--- D ---

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

--- E ---

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

--- F ---

FS  Facility Survey

--- G ---

GN  Glomerulonephritis
--- H ---

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

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

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<tbody>
<tr>
<td>KM</td>
<td>Kaplan-Meier survival probability</td>
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--- L ---

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<tbody>
<tr>
<td>LRD</td>
<td>Living related donor</td>
</tr>
<tr>
<td>LTF60</td>
<td>Lost to followup for 60 days</td>
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--- M ---

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<tbody>
<tr>
<td>MADRS</td>
<td>Medicare Automated Data Retrieval System</td>
</tr>
<tr>
<td>MI</td>
<td>Myocardial Infarction</td>
</tr>
<tr>
<td>MKR</td>
<td>Michigan Kidney Registry</td>
</tr>
<tr>
<td>MM</td>
<td>HLA mismatch</td>
</tr>
<tr>
<td>MR</td>
<td>Medical record</td>
</tr>
<tr>
<td>MSA</td>
<td>Metropolitan statistical area</td>
</tr>
<tr>
<td>MSP</td>
<td>Medicare Secondary Payer</td>
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--- N ---

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

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<thead>
<tr>
<th>Abbreviation</th>
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<tr>
<td>ORD</td>
<td>HCFA's Office of Research and Demonstrations</td>
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--- P ---

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

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<tr>
<td>Q</td>
<td>Quartile, Quarter</td>
</tr>
<tr>
<td>QC</td>
<td>Quality control</td>
</tr>
<tr>
<td>QALY</td>
<td>Quality Adjusted Life Years</td>
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--- R ---

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<tbody>
<tr>
<td>RCC</td>
<td>USRDS Renal Community Council</td>
</tr>
<tr>
<td>RRT</td>
<td>Renal replacement therapy</td>
</tr>
<tr>
<td>RX</td>
<td>Treatment modality</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>SAC</td>
<td>USRDS Scientific Advisory Committee</td>
</tr>
<tr>
<td>SAF</td>
<td>Standard Analysis File</td>
</tr>
<tr>
<td>SAS</td>
<td>SAS software</td>
</tr>
<tr>
<td>SHR</td>
<td>Standardized Hospitalization Ratio</td>
</tr>
<tr>
<td>SMR</td>
<td>Standardized Mortality Ratio</td>
</tr>
<tr>
<td>SSWG</td>
<td>USRDS Special Studies Workgroup</td>
</tr>
<tr>
<td>TX</td>
<td>Transplant, Transplantation</td>
</tr>
<tr>
<td>UNOS</td>
<td>United Network for Organ Sharing</td>
</tr>
<tr>
<td>US</td>
<td>United States</td>
</tr>
<tr>
<td>USRDS</td>
<td>United States Renal Data System</td>
</tr>
<tr>
<td>VA</td>
<td>Veterans Administration (now the Department of Veterans Affairs (DVA))</td>
</tr>
<tr>
<td>ZIP</td>
<td>Area code designation of the U.S. Postal Service</td>
</tr>
</tbody>
</table>
The USRDS 1996 Annual Data Report

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B. Selected Special Studies Data Collection Forms
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   (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