Acknowledgments

Funding
The 30th Annual Data Report (ADR) of the United States Renal Data System (USRDS) was produced by the USRDS Coordinating Center at the University of Michigan Kidney Epidemiology and Cost Center (UM-KECC) in partnership with Arbor Research Collaborative for Health. Funding for the USRDS is provided by the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), National Institutes of Health, U.S. Department of Health and Human Services, under contract HHSN276201400001C with the University of Michigan. The Centers for Medicare & Medicaid Services partners with NIDDK in supporting the USRDS.

In addition to the USRDS Coordinating Center, the NIDDK has independently funded two USRDS special study centers, one at the University of California, Irvine, in collaboration with the University of Tennessee Health Science Center and Kaiser Permanente Southern California, and the other special study center at the University of Washington, Seattle, in collaboration with Stanford University.

Contributors
Included here are the names of individuals who contributed to the 2018 ADR.

USRDS Investigators
Director: Rajiv Saran, MD, MRCP, MS
Co-Deputy Directors: Bruce Robinson, MD, MS, FACP; Vahakn Shahinian, MD, MS

Volume 1. Chronic Kidney Disease in the United States

Chapter 1. CKD in the General Population
Jennifer Bragg-Gresham, PhD, MPH; Rajiv Saran, MD, MRCP, MS

Chapter 2. Identification and Care of Patients with CKD
Bruce Robinson, MD, MS, FACP; Vahakn Shahinian, MD, MS

Chapter 3. Morbidity and Mortality in Patients with CKD
Kevin He, PhD, MS; Rajiv Saran, MD, MRCP, MS

Chapter 4. Cardiovascular Disease in Patients with CKD
Nicole Bhave, MD, MA; Brahmajee Nallamothu, MD, MPH; Rajiv Saran, MD, MRCP, MS

Chapter 5. Acute Kidney Injury
Michael Heung, MD; Vahakn Shahinian, MD, MS

Chapter 6. CKD among Children and Adolescents
Debbie Gipson, MS, MD; Zubin Modi, MD; David T Selewski, MD

Chapter 7. Healthcare Expenditures for Persons with CKD
Rajesh Balkrishnan, PhD; Richard A. Hirth, PhD; David Hutton; PhD, Rajiv Saran, MD, MRCP, MS

Chapter 8. Prescription Drug Coverage in Patients with CKD
Rajesh Balkrishnan, PhD; Yun Han, PhD; Richard A Hirth, PhD; David Hutton, PhD; Rajiv Saran, MD, MRCP, MS

Chapter 9. USRDS Special Study Center on Transition of Care in CKD
Abduzhappar Gaipov, MD; Daniel Gillen, PhD; Jui-Ting Hsiung, MPH; Steven J Jacobsen, MD, PhD, MS; Kamyar Kalantar-Zadeh, MD, MPH, PhD; Carola-Ellen Kleine, MD; Csaba P Kovacs, MD; Maria V Marroquin; Miklos Z Molnar, MD, PhD; Hamid Moradi, MD; Danh V Nguyen, PhD; Keith C Norris, MD; Yoshitsugu Obi, MD, PhD; Christina Park, MPH; Praveen K Potukuchi, MS, PharmD; Connie M Rhee, MD, MSc; Sally F Shaw, DrPH, MPH; Jiaxiao M Shi, PhD; John J Sim, MD; Melissa Soohoo, MPH; Elani Streja, MPH, PhD; Keiichi Sumida, MD; Amy S You, MS; Hui Zhou, MS, PhD

Volume 2. End-Stage Renal Disease in the United States

Chapter 1. Incidence, Prevalence, Patient Characteristics, and Treatment Modalities
Hal Morgenstern, PhD; Bruce Robinson, MD, MS, FACP; Rajiv Saran, MD, MRCP, MS

Chapter 2. Clinical Indicators and Preventive Care
William Herman, MD, MPH; Ronald Pisoni, PhD, MS; Vahakn Shahinian, MD, MS

Chapter 3. Vascular Access
Ronald Pisoni, PhD, MS; Rajiv Saran, MD, MRCP, MS; Douglas E Schaubel, PhD; Kenneth J Woodside, MD
Acknowledgments

The suggested citation for the AJKD e-supplement available at www.ajkd.org is:


USRDS Coordinating Center

Director: Rajiv Saran, MD, MRCP, MS
Co-Deputy Directors: Bruce Robinson, MD, MS, FACP; Vahakn Shahinian, MD, MS

PROJECT MANAGER

Vivian Kurtz, MPH
1415 Washington Heights, Suite 3645 SPH I
Ann Arbor, MI 48109-2029
Phone 734.763.1609

DATA REQUESTS

usrds@usrds.org — Paula Guro, BA
Toll Free 1.888.99USRDS; Fax 734.763.4004

WEBSITE: www.usrds.org

webmaster@usrds.org — Benjamin Guidinger, BS
USRDS Special Study Centers

**TRANSITION OF CARE IN CKD**

**Principal Investigator (PI):** Kamyar Kalantar-Zadeh, MD, MPH, PhD, University of California, Irvine (UCI)

**Co-PIs:** Csaba P Kovessy, MD, University of Tennessee Health Science Center; Steven J Jacobsen, MD, PhD, Kaiser Permanente Southern California

**END-OF-LIFE CARE FOR PATIENTS WITH ESRD**

**Principal Investigator:** Ann M O’Hare, MD, MA, University of Washington, Seattle

**Co-PI:** Manjula Kurella Tamura, MD, MPH, Stanford University

**USRDS Oversight**

USRDS work is overseen by the Project Officers of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), the USRDS Steering Committee, and the USRDS External Expert Panel (EEP).

**NIDDK PROJECT OFFICERS**

Kevin C Abbott, MD, MPH  
Director, Kidney and Urology Epidemiology Phone 301.594.7714  
kevin.abbott@nih.gov

Lawrence YC Agodoa, MD  
Phone 301.594.1932; Fax 301.594.9358  
agodoal@extra.niddk.nih.gov

**CENTER FOR MEDICARE & MEDICAID SERVICES**

Renee Dupee, PhD

**EEP MEMBERS**

L Ebony Boulware, MD, MPH, Duke University

M Alan Brookhart, PhD, University of North Carolina at Chapel Hill

Nilka Rios Burrows, MPH, MT (ASCP), Centers for Disease Control and Prevention

Mahesh Krishnan, MD, MPH, MBA, FASN, DaVita Healthcare Partners Inc.

Klemens Meyer, MD, Dialysis Clinic Inc. & Tufts Medical Center

Paul Muntner, PhD, University of Alabama at Birmingham

Robert Nee, MD, Walter Reed National Military Medical Center

Keith C Norris, MD, PhD, University of California, Los Angeles

Rajiv Saran, MD, MRCP, MS, University of Michigan

Mark Schnitzler, PhD, Saint Louis University Center for Outcomes Research (SLUCOR)

Theresa I Shireman, PhD, RPh, University of Kansas Medical Center

Bradley A Warady, MD, Children’s Mercy Hospitals and Clinics, University of Missouri

Haimanot (Monnie) Wasse, MPH, MD, Rush University

Wolfgang C Winkelmayer, MD, MPH, ScD, FASN, Baylor College of Medicine

**USRDS Steering Committee**

The USRDS Steering Committee consists of the NIDDK project officers, the director and two co-deputy directors at the USRDS Coordinating Center, and the PIs and co-PIs at the Special Study Centers.

**USRDS External Expert Panel**

**CHAIR**

Catherine Stehman-Breen, MD, MS, Amgen, Regeneron Pharmaceuticals, Inc.
Administrative Oversight of the USRDS

National Institutes of Health (NIH)  Centers for Medicare & Medicaid Services

National Institute of Diabetes & Digestive & Kidney Diseases (NIDDK)

Division of Kidney, Urologic & Hematologic Diseases (DKUHD)

External Expert Panel  Project Officers  Data Request Review Committee

Steering Committee

USRDS Coordinating Center  USRDS Special Study Centers
Disclosures

UM-KECC and Arbor Research Collaborative for Health have each enacted conflict of interest (COI) policies and practices governing the conduct of research within the USRDS and of other research not related to the USRDS. In addition to internal controls, USRDS work is overseen by the Project Officers of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), the USRDS Steering Committee, and the USRDS External Expert Panel.

Dr. Balkrishnan receives consulting income from Merck and Company. Dr. Bragg-Gresham is a consultant with the Medical Education Institute (MEI) involving quality-of-life performance measures. Dr. Herman is chair of the Data Safety Monitoring Board for both Merck Sharp & Dohme. Dr. Kalantar-Zadeh has financial interests with the following entities: Abbott, Abbvie, Alexion, Amgen, Astra-Zeneca, Aveo, Chugai, DaVita, Fresenius, Genentech, Haymarket Media, Hospira, Kabi, Keryx, Novartis, Pfizer, Relypsy, Resverlogix, Sandoz, Sanofi, Shire, Vifor, UpToDate, ZS-Pharma. Dr. Csaba P. Kovesdy is a consultant for Astra-Zeneca, Bayer, Dr. Schar and Sanofi-Aventis. Dr. Morgenstern is a consultant at Arbor Research Collaborative for Health. Dr. Sim has investigator-initiated research grants from Keryx Pharmaceuticals, Malinckrodt Pharmaceuticals, and Otsuka Pharmaceuticals. The other authors declare that they have no relevant financial interests.