

# **End-Stage Renal Disease Network of the South Atlantic**

# 2016 Annual Report



Wilmington, NC

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## REPORT HIGHLIGHTS

Individuals with end stage renal disease (ESRD) in the states of Georgia, North Carolina, and South Carolina are supported by the IPRO ESRD Network of the South Atlantic (Network 6), the federally funded organization with a mission to promote safe, effective, efficient, patient-centered, timely, and equitable health care for all ESRD patients in these states.

This report presents the activities of the ESRD Network during 2016 in supporting the three broad aims of the National Quality Strategy and the Centers for Medicare & Medicaid Services (CMS) priorities for the ESRD Network Program:

- Better care for the individual through beneficiary and family centered care;
- Better health for the ESRD population; and
- Reduced costs of ESRD care by improving care.

Throughout 2016, Network 6 demonstrated efficacy in promoting the integration of these priorities into the care of patients living with ESRD. To that end, Network 6 worked to achieve direct engagement with the community by fostering opportunities to promote patient- and family-centered care at the facility level. In addition to recruiting PAC members, who support Network activities at the facility level, the Network engaged patient subject matter experts (SMEs) who actively participated in the design of educational campaigns and quality improvement activities (QIAs). The Network conducted several successful initiatives designed to improve care for ESRD patients and support facility staff in consistently providing patient-centered care. Network 6's key accomplishments for 2016 included:

- Increasing the number of Patient Advisory Committee (PAC) Representatives in the Network 6 service area and identifying SMEs to ensure that the patient's perspective is incorporated into all Network activities;
- Implementing the Grievance QIA, which was designed to increase and improve communication between ESRD patients and facility staff. This led to a decrease in grievances filed at the facility level;
- Implementing the In-Center Hemodialysis Consumer Assessment of Healthcare
   Providers and Systems (ICH CAHPS) Survey QIA, which helped facilities improve patients'
   experience of care by promoting positive interactions, learning processes, and best
   practices related to the core components of the ICH CAHPS survey;
- Implementing FreshDesk, a Web-based ticket management and knowledge base portal.
   FreshDesk allowed the Network to improve its ability to efficiently process and resolve support requests from dialysis facility personnel and other stakeholders, related to Consolidated Renal Operations in a Web-enabled Network (CROWNWeb) and other

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ESRD related applications, the ESRD Quality Incentive Program (ESRD QIP), and the National Healthcare Safety Network (NHSN);

• Conducting emergency preparedness and response activities surrounding five major events in the region, including Hurricane Matthew and the aftermath flooding.

# INTRODUCTION

# CMS' End Stage Renal Disease Network Organization Program

The End Stage Renal Disease Network Organization Program (ESRD Network Program) is a national quality improvement program funded by the Centers for Medicare & Medicaid Services (CMS). CMS is a federal agency, part of the U.S. Department of Health and Human Services.

CMS defines end stage renal disease (ESRD) as permanent kidney failure in an individual who requires dialysis or kidney transplantation to sustain life.

Under contract with CMS, 18 ESRD Network Organizations, or ESRD Networks, carry out a range of activities to improve the quality of care for individuals with ESRD. The 18 ESRD Networks serve the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, American Samoa, Guam, and the Northern Mariana Islands.

# Medicare Coverage for Individuals with ESRD

Medicare coverage was extended to most ESRD patients in the U.S. under the Social Security Act Amendments of 1972 (Public Law 92-603). Individuals with irreversible kidney failure are eligible for Medicare if they need regular dialysis or have had a kidney transplant <u>and</u> they meet (or their spouse or parent meets) certain work history requirements under the Social Security program, the railroad retirement system, or federal employment.

# **History of CMS' ESRD Network Organization Program**

Following passage of the 1972 Amendments to the Social Security Act, in response to the need for effective coordination of ESRD care, hospitals and other health care facilities were organized into networks to enhance the delivery of services to people with ESRD.

In 1978, Public Law 95-292 modified the Social Security Act to allow for the coordination of dialysis and transplant services by linking dialysis facilities, transplant centers, hospitals, patients, physicians, nurses, social workers, and dietitians into Network Coordinating Councils, one for each of 32 administrative areas.

In 1988, CMS consolidated the 32 jurisdictions into 18 geographic areas and awarded contracts to 18 ESRD Network Organizations, now commonly known as ESRD Networks. The ESRD Networks, under the terms of their contracts with CMS, are responsible for: supporting use of the most appropriate treatment modalities to maximize quality of care and quality of life; encouraging treatment providers to support patients' vocational rehabilitation and employment; collecting, validating, and analyzing patient registry data; identifying providers that do not contribute to the achievement of Network goals; and conducting onsite reviews of ESRD providers as necessary.

# IPRO ESRD Network of the South Atlantic (Network 6)

IPRO ESRD Network of the South Atlantic (Network 6) is one of four ESRD Networks managed by IPRO, a non-profit organization that works with government agencies, providers, and consumers to implement innovative programs that improve the healthcare system. IPRO supports nearly 100 state and federal programs; including serving as a CMS Medicare Quality Innovation Network-Quality Improvement Organization (QIN-QIO) for New York State, South Carolina, and the District of Columbia. In this role IPRO works to bring Medicare beneficiaries, providers, and communities together in data-driven initiatives that increase patient safety, make communities healthier, better coordinate post-hospital care, and improve clinical quality.

IPRO operates three additional ESRD Network contracts (ESRD Network of New York, ESRD Network of New England, and ESRD Network of the Ohio River Valley). IPRO is fully committed to the goals and vision of the ESRD Network Program; the four IPRO ESRD Networks work to improve care for more than 117,000 renal patients in 13 states.

IPRO ESRD Network of the South Atlantic's service area encompasses three states: North Carolina, South Carolina, and Georgia. The Network region comprises 305 counties collectively. The states are topographically diverse, encompassing 145,264 square miles, with 136,192 square miles of land and 9,073 square miles of water. The area served by the Network also includes three distinct landforms, namely the Coastal Plain, the Piedmont, and the Appalachian Mountains within the region, the largest range in the eastern United States. Georgia and North Carolina are the eighth and ninth most populous states in the country, respectively, each of which boasts 10 million or more people the combined population of North Carolina, South Carolina, and Georgia was approximately 25.5 million residents in 2016. The majority of the residents in the South Atlantic states live in metropolitan areas.

The Network's service area varies significantly in demographic characteristics; this variation influences the availability of ESRD services and treatment choices. The ESRD population in Network 6's service area was the largest in the country as of December 31, 2016, according to ESRD National Coordinating Center (NCC) end-of-year data. Demographic and health-related changes in North Carolina, South Carolina, and Georgia parallel changes taking place nationwide. For example, the large baby boomer population in the Network's service area is aging; and according to ESRD Network Program data, according to the CDC, the risk for developing chronic

<sup>&</sup>lt;sup>1</sup> North Carolina has 100 <a href="http://www.ncacc.org/171/Links-to-Counties">http://www.ncacc.org/171/Links-to-Counties</a> South Carolina 46 (<a href="http://www.sccounties.org/sc-counties">http://www.sccounties.org/sc-counties</a>), and Georgia 159 (<a href="http://georgia.gov/municipality-list">http://georgia.gov/municipality-list</a>).

<sup>&</sup>lt;sup>2</sup> https://www.census.gov/geo/reference/state-area.html

<sup>&</sup>lt;sup>3</sup> https://www.visitnc.com/cities-regions

<sup>&</sup>lt;sup>4</sup> http<u>s://census.gov/newsroom/press-releases/2015/cb15-215.html</u>

<sup>&</sup>lt;sup>5</sup> Table 1. Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2016 (NST-EST2016-01). Source: U.S. Census Bureau, Population Division. Release Date: December 2016.

kidney disease increases after age 50 and the disease is most common among adults older than 70 years. The Network service area's population of approximately 25.5 million is rich in ethnic, racial, religious/spiritual, cultural, and lifestyle diversity. According to the United States Census Bureau's 2016 Population Estimates, the population of North Carolina, South Carolina, and Georgia average was 67.1% white, 27.1% African American, 2.8% Asian, 0.9% American Indian and Alaska Native, and 0.1% Native Hawaiian; 2.0% of the population was identified with two or more races. The Latino population of the South Atlantic states was estimated at 8.0% according to the same population estimates.

Approximately 1,300 patients in the Network's service area received kidney transplants in 2016. The Network's activities support more than 47,000 dialysis patients reported as receiving treatment for ESRD as of December 2016. These patients were served by 707 Medicare-certified dialysis facilities, 10 transplant centers, and six Veterans Affairs (VA) hospitals. The number of operating Medicare-certified dialysis facilities in North Carolina, South Carolina, and Georgia increased from 690 in December 2015 to 707 in December 2016 to accommodate the growing patient population.

Table A. Dialysis Facilities and Transplant Centers in the Network's Service Area (as of December 31, 2016)

Category	Number*
Number of Dialysis Facilities in the Network's Service Area	707
Number of Transplant Centers in the Network's Service Area	10

Source of data: CROWNWeb.8

Table B. Number of Medicare-Certified Dialysis Facilities in the Network's Service Area and Number and Percent of Dialysis Facilities Offering Dialysis Shifts Starting after 5 PM (as of December 31, 2016)

Calanama	Ni	Danasak
Category	Number*	Percent
Number of Dialysis Facilities in the Network's Service Area	701	
Dialysis Facilities in the Network's Service Area Offering Dialysis Shifts Starting		
after 5 PM	36	5.14%

Source of data: CROWNWeb.

\*Counts of dialysis facilities and transplant centers may include a small number of facilities that closed during the calendar year but did not have a closing date recorded in CROWNWeb as of December 31, 2016.

<sup>\*</sup>Counts of dialysis facilities and transplant centers may include a small number of facilities that closed during the calendar year but did not have a closing date recorded in CROWNWeb as of December 31, 2016.

<sup>&</sup>lt;sup>6</sup> Centers for Disease Control and Prevention (CDC). National Chronic Kidney Disease Fact Sheet: General Information and National Estimates on Chronic Kidney Disease in the United States, 2014. Atlanta, GA: US Department of Health and Human Services, Centers for Disease Control and Prevention; 2014.

https://www.census.gov/quickfacts/table/PST045216/37,45,13

<sup>&</sup>lt;sup>8</sup> CROWNWeb is a Web-based data-collection system that is mandated by CMS to enable dialysis facilities to meet Section 494.180(h) of the 2008 updated Conditions for Coverage for ESRD dialysis facilities, which calls for the electronic submission of administrative and clinical data by all Medicare-certified dialysis facilities in the United States.

#### **Network Goals**

CMS establishes priorities for the ESRD Network contractors annually in the Statement of Work section of each Network's contract with the agency. These priorities support CMS and Department of Health and Human Services (HHS) national quality improvement goals and priorities.

In 2016, the ESRD Network contractors were tasked with meeting the following goals:

- Improving care for ESRD patients in the Network's service area by:
  - o Promoting patient and family-centered care;
  - Responding to grievances about ESRD-related services filed by, or on behalf of, ESRD patients;
  - Supporting improvement in patients' experience of care;
  - Working with dialysis facilities to ensure that all dialysis patients have access to appropriate care;
  - o Promoting best practices in vascular access management; and
  - Helping dialysis facilities reduce the incidence of healthcare-associated infections.
- Improving the health of the ESRD patient population in the Network's service area through activities designed to reduce disparities in ESRD care; and
- Reducing the costs of ESRD care in the Network's service area by supporting performance improvement at the dialysis facility level and supporting facilities' submission of data to CMS-designated data collection systems.

# PROFILE OF PATIENTS IN THE NETWORK'S SERVICE AREA

The ESRD Network Program collects data on incident (new) ESRD patients, prevalent (currently treated) dialysis patients, and renal transplant recipients.

The Network uses data on patients' clinical characteristics—including primary cause of ESRD, treatment modality, and vascular access type—to focus its outreach and quality improvement activities.

Table C. Clinical Characteristics of the ESRD Population in the Network's Service Area, Calendar Year 2016

Category	Number	Percent
Incident (New) ESRD Patients		
Number of Incident ESRD Patients, Calendar Year 2016	10,858	
Prevalent Dialysis Patients		
Number of Prevalent Dialysis Patients as of December 31, 2016	47,856	
Treatment Modality of Prevalent Dialysis Patients as of December 31, 2016		
In-Center Hemodialysis or Peritoneal Dialysis	41,793	87.33
In-Home Hemodialysis or Peritoneal Dialysis	6,063	12.66
Total	47,856	100.00
Vascular Access Type at Latest Treatment Among Prevalent In-Center and		
In-Home Hemodialysis Patients as of December 31, 2016		
Arteriovenous Fistula in Use	25,425	60.91
Arteriovenous Graft in Use	9,060	21.70
Catheter in Use for 90 Days or Longer	3,858	9.24
Other	3,402	8.15
Total	41,745	100.00
Renal Transplants		
Number of Renal Transplant Recipients,* Calendar Year 2016	1,312	
Total	1,312	100.00

Source of data: CROWNWeb. Vascular Access Type at Latest Treatment among Prevalent In-Center and In-Home Hemodialysis Patients as of December 31, 2016 taken from the final December 2016 ESRD National Coordinating Center-produced FFCL Database.

<sup>\*</sup>Count of unduplicated individuals receiving renal transplantation during the calendar year.

## IMPROVING CARE FOR ESRD PATIENTS

The Network works closely with ESRD patients, patients' family members and friends, nephrologists, dialysis facilities and other healthcare organizations, ESRD advocacy organizations, and other ESRD stakeholders to improve the care for ESRD patients in the states of Georgia, North Carolina and South Carolina.

Under its contract with CMS, the Network is responsible for:

- Identifying opportunities for quality improvement and developing interventions to improve care for ESRD patients in Georgia, North Carolina and South Carolina;
- Identifying opportunities for improvement at the facility level and providing technical assistance to facilities as needed;
- Promoting the use of best practices in clinical care for ESRD patients;
- Encouraging use of all modalities of care, including home modalities and transplantation, as appropriate, to promote patient independence and improve clinical outcomes;
- Promoting the coordination of care across treatment settings; and
- Ensuring accurate and timely data collection, analysis, and reporting by facilities in accordance with national standards.

In 2016, the Network worked in collaboration with its Network Council, Medical Review Board, Patient Advisory Committee, Grievance Committee, and activity-specific committees to develop quality improvement projects aligned with the goals identified in the ESRD Network Statement of Work. The Network deployed interventions that targeted patients, dialysis and transplant providers, and other stakeholders. These interventions, which focused on engaging patients, reducing disparities, and improving quality of care for ESRD patients are detailed in the discussion that follows.

# **Engaging Patients**

The Network is committed to incorporating the patient perspective into its quality improvement activities and strives to improve the health of the ESRD population through multiple projects aimed at engaging and empowering patients, family members, and/or care partners.

In 2016, Network staff worked to recruit and engage patient, family member, and/or care partner volunteers to be active at:

- Their dialysis facilities (Patient Advisory Committee [PAC] Representatives);
- The state and Network levels (PAC Chairpersons and patient SMEs); and
- The national level (ESRD NCC SMEs, Kidney Community Emergency Response [KCER] SMEs, IPRO Board of Directors, and the Network's Medical Review Board.

Beginning with a list of 16 potential volunteers in April 2016, the Network was successful in recruiting and engaging patient volunteers. These efforts enriched our work almost immediately. By December 31, 2016, the Network had in place:

- 173 PAC Representatives at 144 Network-area facilities (20.6% of the dialysis facilities in the Network's service area);
- Four PAC Chairpersons (two in Georgia, one in South Carolina, and one in North Carolina); and
- 22 Patient SMEs:
  - Ten serving as patient SMEs for all Network QIAs;
  - Five representing the Network on the ESRD NCC Patient and Family Engagement Learning and Action Network (PFeLAN);
  - o Two representing the Network on KCER committees;
  - One representing the Network on the Centers for Disease Control and Prevention (CDC) Safe Dialysis Coalition;
  - One representing the Network with the Forum of ESRD Networks Kidney Patient Advisory Council; and
  - Three representing the Network at the 2016 annual CMS Quality Conference.

Other activities involving the Network's patient representatives include:

- Authorship by a patient SME of an edition of PAC Speaks, focusing on overcoming treatment complications. PAC Speaks is a Network-created single-topic bulletin expressing an aspect of living with kidney disease from the perspective of a patient, family member, or other care partner.
- Participation by three patient SMEs in the Healthcare-Associated Infection Learning and Action Network (HAI LAN). A LAN is an ongoing collaboration among community partners who represent a broad range of organizations and professions. Regularly scheduled LAN meetings provide an opportunity for members to share knowledge, skills, and resources to address an identified quality of care issue through collaborative problem solving. In 2016 the Network established a LAN to address patient safety in dialysis facilities, with a specific focus on reducing rates of healthcare-associated infections (HAIs). The membership of the HAI LAN included representatives of dialysis facilities, QIN-QIOs, Hospital Improvement Innovation Networks (HIINs), state departments of health; patient SMEs, and other ESRD stakeholders. One patient SME presented on an HAI LAN call about his experience with infection. Two patient SMEs made presentations on national ESRD NCC Community of Practice webinars.

# **Improving Patient Experience of Care**

As part of its effort to improve dialysis patients' experience of care and to improve the grievance process, the Network sought to identify and address key problem areas that are found to be at the root of grievances and that negatively affect facilities' handling of grievances.

To this end, the Network conducted a focused audit of all grievances filed in its service area during the time periods of January through March 2015 and July through September 2015, as well as all access to care issues reported to the Network during calendar year 2015. An analysis of the data identified 32 facilities that had two or more grievances and/or access to care issues reported to the Network within this timeframe. The Network completed further analysis of the grievances filed at the 32 facilities by reviewing and categorizing all grievances filed at the facility during January through April of 2016. Each grievance was classified and scored according to one of the five CMS grievance categories.

**Table D. Grievance Categories Used to Score Grievance Logs** 

Grievance Weight	Grievance Category	Examples of the Types of Grievances in Each Category
1	Major quality of care (QoC) or access to care issues	Major bleeds, wrong dialyzer, prescription changes without physician order, patients at risk of involuntary discharge (IVDs) or actual IVDs
2	Minor QoC issues	Simple bleeding after dialysis, minor infection control issues
3	Operational issues	Inadequate staffing, other issues related to the operation of the facility
4	Interpersonal issues	Conflicts between patients, conflicts between staff and patients
5	Environmental issues	Facility too cold, basic maintenance issues such as problems with a dialysis chair or an unclean lobby

The Network identified 12 facilities with the highest grievance scores based on the classification scale. These facilities, which provide dialysis services to approximately 1,100 patients, were selected to participate in the Improving Patient Experience of Care QIA. The primary goal of this QIA was to increase and improve communication between ESRD patients and facility staff, leading to a decrease in filed grievances at the facility level. The secondary goal was to improve the facility's grievance process by enhancing the facility response when an issue was identified, thereby creating an organizational culture change within the facility. These goals were selected to assist patients in handling their environmental, interpersonal, and operational concerns with the facility, and to improve patient self-efficacy in handling conflicts with the facility.

#### **ACT Now** Campaign

The Network created the *ACT Now* campaign to foster relationships between patients and facility staff by improving communication and encouraging adoption of a proactive approach by

both patients and staff members. Each letter in ACT represents a recommended activity: A – Ask Questions, C – Communicate Effectively, T – Take Action. The Network's expectation was that encouraging facilities staff and patients to adopt *ACT Now* techniques would mitigate the some of the issues that lead to grievances, in advance of anticipated difficulties, thereby reducing grievances that historically stem from a reactive culture. The *ACT Now* campaign provided facility staff education in using the *ACT Now* techniques to check on patients' environmental, interpersonal, and operational concerns and/or needs before they become a grievance. An *ACT Now* pocket card provided to staff included open-ended questions to consider for patients, other staff members, and for self-reflection. These questions related to each grievance category:

- Major Quality of Care Did any major bleeding occur during or after treatment? Were there any issues with the dialyzer or prescription changes? Are there any patients at risk for IVD?
- **Minor Quality of Care**: Did any patient experience simple bleeding after treatment? What was the staff's response? What was the patient's response?
- **Operational:** Is the staff/ patient ratio adequate? Are there any issues affecting the facility's overall operation?
- Interpersonal: Has a patient voiced any conflict with staff or peers?
- Environmental: Are you comfortable? Would you like a blanket?

Through *ACT Now* sessions, facility staff members checked all aspects of patients' experience of care, rather than focusing solely on physical health issues. After using the *ACT Now* resources, staff members provided feedback about problem areas to the Network using an online assessment tool. Feedback included information on how they addressed the problem and if this resulted in systemic changes within the facility environment. With input from the Network's PAC Representatives (patients who volunteer to promote communication among fellow patients and staff and provide a link between patients and the Network), the Network launched a patient educational campaign that included an educational poster for patients based on one of the most prevalent patient environmental issues reported: "Why do I feel cold?"

The Network educated facility staff on the creation of a grievance policy or techniques to support them in following their established process, which allowed facility staff to more effectively and efficiently handle grievances. Each of the participating facilities was provided the CMS grievance template and instructions on how to categorize grievances and complete the template. Grievance logs were submitted to the Network on a monthly basis. Network staff members analyzed and scored grievances using the CMS grievance categories.

The Network's evaluation of monthly grievance logs revealed that facilities were over-reporting grievance information, including minor concerns that were immediately resolved and did not meet the criteria for a grievance. For those facilities, Network staff provided individual facility

counseling to help facility staff better understand grievances and distinguish between a concern and a grievance.

During the course of the project, Network interventions reduced the calculated grievance score, using Table D, from 4.83 to 1.75 at participating facilities. This QIA highlighted the Network's understanding of the need by facility staff members for resources and education to assist them with transitioning from a treatment-focused approach to a more holistic approach in dealing with patients. Through one-on-one coaching, facility staff reported that the lines of communication opened, creating an environment in which patients were able to more freely express themselves.

#### **Promote Use of ICH CAHPS**

The In-Center Hemodialysis Consumer Assessment of Healthcare Providers and Systems (ICH CAHPS) Survey is the first national, publicly reported survey of patients' perspectives on dialysis care. The 62-question survey is designed to measure the experiences of people receiving incenter dialysis and focuses on questions that address four key components: nephrologists, dialysis facility staff, the dialysis facility, and dialysis treatment. All ICH CAHPS activities are conducted by third party vendors, who administer the survey twice per year (spring and fall).

The Network analyzed spring 2015 ICH CAHPS scores in its three-state service area to identify a single question in the survey that received the highest percentage of negative scores from patient respondents. The survey results indicated that scores on question #39 were the lowest in the region. Question #39 evaluates whether patients have received information on peritoneal dialysis by asking "Peritoneal dialysis is dialysis given through the belly and is usually done at home. In the last 12 months, did either your kidney doctors or dialysis center staff talk to you about peritoneal dialysis?" This question falls within the composite measure of "Providing Information to the Patient," and this treatment component was the poorest performing ICH CAHPS response area, mirroring national trends. The treatment component includes questions dealing with transplant education, modality education, overall satisfaction with treatment, and the ability of the facility staff to address patient concerns related to quality of care.

The Network selected 34 facilities representing 1,989 patients (5% of the population of in-center hemodialysis patients in the Network's service area with the lowest scores on question #39) to participate in the QIA. Of the total responses (555) received from patients receiving care at the selected facilities only 134 patients (24.10%) responded positively to the question. The goal of the ICH CAHPS QIA was to achieve a 5% increase from baseline to re-measurement on the percentage of patients receiving care at participating facilities with a positive response to question #39. A secondary goal was to promote positive interactions and best practices related to core components of the ICH CAHPS survey.

The Network, in collaboration with patient SMEs, created educational materials to address deficiencies in providing patients information about peritoneal dialysis. A multi-phase educational campaign was implemented to promote patient understanding of peritoneal dialysis and how this treatment modality differs from in-center hemodialysis. The campaign featured:

- An interactive word search activity that included terms that define and explain peritoneal dialysis.
- An educational poster designed to teach dialysis technicians and other staff about the basics of peritoneal dialysis.
- A letter from the Chair of the Network Medical Review Board to medical directors, nephrologists, and facility administrators emphasizing the importance of educating patients about self-care modality options, providing each facility with its specific ICH CAHPS scores, and requesting their support for the upcoming Network-sponsored Peritoneal Dialysis Awareness Week.
- The introduction of Peritoneal Dialysis Awareness Week, during which facility staff hosted at least two separate educational events. Peritoneal Dialysis Awareness Week was created in collaboration with the Medical Educational Institute (MEI), a non-profit organization dedicated to helping people with chronic diseases learn to manage and improve their health. The awareness week campaign incorporated MEI-developed messaging that included "There's No Place Like Home...For Dialysis." Facilities were provided with the following educational materials to support their PD Awareness Week educational events:
  - Flyer to promote the PD Awareness Week featuring the theme "Start the Conversation"
  - A special issue (August/September) of the Network's patient newsletter, Kidney Chronicles, featuring a story by a peritoneal dialysis patient
  - A special issue of PAC Speaks, a Network-created single-topic bulletin featuring a story written by a PD patient about his experiences
  - PD educational flyer and tri-fold brochures for patients.
- As part of the campaign, the Network also created attractive round stickers for staff members to place on their uniforms. Stickers feature the words: *Needle-Free PD Ask Me.* To complement the staff stickers, patients were given stickers by staff members after a conversation about PD to further promote the goal of the activity: *Needle Free PD I know!*
- The Network also distributed MEI-developed educational materials that included:

- "My Life, My Choice:" An interactive, online tool that helps patients determine
  the right treatment choice for them based on their lifestyle and their values
  related to topics including their health and their family.
- Partner Agreement on Tasks for Home Dialysis Tools (PATH-D): Doing dialysis at home means integrating a number of new tasks and responsibilities into daily life. The PATH-D tools were designed to help people anticipate, and discuss their expectations for, who will do which tasks as they considered PD as a treatment option.
- o Patient Story Niki: A patient shares her experience with PD.
- Pens/postcards: Giveaway items featuring information to help patients, family members, and/or care partners access the MEI website where they could find tools and resources.

Network-introduced interventions were successful in improving patient awareness of PD as a treatment option. The Network surveyed one-sixth of the patient population in target facilities each month over a six-month period to evaluate improvements in patient responses to question #39. There was an increase of positive responses to this question over the course of the QIA; from 24.10% at baseline to 80.83% at re-measurement.

In addition, the Network learned that by implementing this QIA, staff at facilities that did not offer PD as a modality had a better understanding of the importance of offering educational information to patients on this treatment option and how this education, as well as other patient education, could enhance their facility's overall ICH CAHPS scores.

# **Patient Safety: Reducing Healthcare-Associated Infections**

Dialysis patients are at higher risk than the general population for acquiring healthcare associated infections (HAIs), and specifically bloodstream infections (BSIs), due to the regular and frequent use of catheters and other forms of access to their bloodstream while dialyzing. According to the Dialysis Facility Report for Fiscal Year (FY) 2016, an average of 10.3% of dialysis patients in the Network's service area were hospitalized due to BSIs during January through December; 0.6 percentage points lower than the 10.83% national average. The report cited an 11.5% patient mortality during the same timeframe in the Network's service area due to BSIs, which was 1.3% less than the national average. Although the Network rates for patient hospitalization and mortality due to BSI are lower than the respective national averages, the physical and emotional costs of these infections for patients and their care partners/families are immeasurable and call for a continued focus to eliminate BSIs in dialysis patients.

Table E. Impact of Bloodstream Infections by State

State	Patients Hospitalized Due to BSI	Patient Mortality Rate Due to BSI
Georgia	10.1%	9.5%
North Carolina	10.2%	13.6%
South Carolina	10.7%	11.6%
Network	10.3%	11.5%
National	10.9%	12.8%

Data source: Dialysis Facility Report for Fiscal Year (FY) 2016

An analysis of the CDC's National Healthcare Safety Network (NHSN) BSI data for the first and second quarters of 2015 allowed the Network to identify 152 facilities in its service area that had highest BSI rates ranging from 0.63 to 4.86 per 100 patient months, or three to 16 infections during this time period. The Network created a QIA to meet a 5% relative improvement thereby achieving a reduction of BSI from baseline to re-measure.

Participating facilities were provided tools to assist them in performing a root cause analysis (RCA) to identify the cause of the high infection rates among their patients. Identified root causes of infection included:

- Poor patient hygiene in cleaning their vascular accesses
- Inconsistencies in proper handling of accesses by staff
- Patients being referred to the facility with catheters in place, which delayed their removal at the facility level
- Patients who had exhausted all their access sites were found to be more susceptible to BSIs.

Based on the results of the RCAs the Network designed a program for facilities to implement utilizing CDC-recommended BSI prevention tools, consisting of:

- Hand Hygiene Audit Tool
- Audit Tool: AV Fistula & Graft Cannulation and Decannulation

Facilities began performing three CDC Audits (Hand Hygiene, AV Fistula & Graft Cannulation and Decannulation) and reported the results to the NHSN in addition to monthly infection data. The facilities also reported to the Network their progress toward meeting goals based on the root cause(s) identified. The Network accessed the NHSN data to evaluate the audits entered by the facilities. The Network also reviewed the facility reported successes and barriers. Using this information, the Network worked with those responsible for infection control monitoring at participating facilities to ensure that they received training on NHSN tools. The Network provided coaching on effectively implementing strategies to address findings from the RCA using Plan, Do, Study, Act (PDSA) methods.

Utilizing these approaches, the Network was successful in supporting facilities in reducing the infection rate per 100 patient-months from 1.186% to 0.729%, exceeding established goals.

Table F. Bloodstream Infection Baseline (CY 2015) and Re-measurement (CY 2016)

	Baseline January through December 2015	Target Value	Re-Measurement January through December 2016
Facility BSIs reported	784		485
Facility patients reported	66,093		66,530
Infection rate per 100 patient reported	1.186%	1.127%	0.729%

The Network established an HAI LAN to collaborate with dialysis facilities, patient SMEs, state departments of health, HIINs, and other renal community stakeholders. This group met to collaborate as a community, to discuss the CDC interventions successfully being utilizing as best practices in facilities, to listen to the patient perspective on the impacts of infection, and to discuss new tools and strategies. In an effort to support spreading this information to staff and patients, the group began planning a virtual educational event focused on healthcare quality improvement and important topics in infection prevention.

# Freshdesk - Improving Data Support to Facilities

In addition to its responsibilities under contract with CMS, the IPRO ESRD Network of the South Atlantic strove to improve end-to-end user support with an overall goal of improving data quality. As a means to address this issue, the Network adopted an innovative software program known as Freshdesk, which assists end users with technical support. Historically, our Network has received a high volume of calls and emails from dialysis facility personnel and stakeholders related to CROWNWeb and other ESRD-related applications, as well as the ESRD QIP and NHSN programs. Adopting a Web-based ticket management and knowledge base portal has allowed us to increase our responsiveness and support to dialysis facilities, SA surveyors, and other stakeholders in the Network's service area who require data support. The knowledge base portal is an educational resource for our facilities in addressing deadline and standard practice questions related to CMS-2728 ESRD Medical Evidence, CMS-2746 Death Notification and CMS-2744 Annual Survey forms. Implementation of Freshdesk created efficiencies that resulted in reduced call volume, documentation of responses to all inquiries, and tracking and trending of issues reported to better respond to the data needs of the community. The program is available to users at all times of the day, provides educational resources, and allows for the creation of a support ticket to received additional assistance from the Network.

Freshdesk provided metrics on our effectiveness in meeting acceptable response times for call resolution and customer satisfaction, giving the Network the ability to monitor and improve customer support. From June 1 through December 31, 2016, the Network received and subsequently resolved 1,552 unique Freshdesk tickets requesting data support, responding to 86% of data support tickets within service level expectations. The Network resolved 96% of allcalls within the target timeline of 2 business days. 91% of customers who responded to the survey reported positive interactions with the Network 6 Data Support Team.

IPRO ESRD Network Program Home Solutions Tickets How can we help you today? + New support ticket Check ticket status SEARCH Enter your search term here **Knowledge base** CROWNWeb CROWNWeb General (6) Form 2744 (9) CROWNWeb Registration Common 2744 Error and Warning Messages - and How to Fix Them Form 2744 Instructions & Training CROWNWeb Login Forgot CROWNWeb ID or Password Transient Patients Clean Up CROWNWeb Training iii System Discharges Clean Up CROWNWeb Data Management Guidelines How to Fix Medicare Status Facility and Personnel Updates (2) M Admit New ESRD Patients iii Adding, Editing and Deleting Facility Personnel Treatment summary iii Adding Personnel with Correct Job Codes **Discharge Patient** How to enter a CMS-2746 form Possible Duplicate Patient (or Out-of-Scope Patient) Clinical (6) Notifications and Accretions (Action List) (1) Find/Submit Missing and Saved Clinical Data in CROWNWeb Notifications/Accretions (also known as Action List) Instructions Required Clinical Data Values for CROWNWeb

Figure 1. IPRO ESRD Network Program Freshdesk Knowledge Base

# Facilities that Consistently Failed to Cooperate with Network Goals

The Network did not identify any facilities in its service area that failed to cooperate with Network goals in 2016.

#### Recommendations to CMS for Additional Services or Facilities

In 2016, the Network made no recommendations to CMS for additional facilities.

## **GRIEVANCES AND ACCESS TO CARE**

The Network responds to grievances filed by or on behalf of ESRD patients in its service area. In 2016, the Network responded to 260 grievances. Of these, 113 (43%) involved issues related to access to care (treatment at a dialysis facility) and/or to issues involving patients at risk for being denied access to care.

Cases received covered many areas of concern clinical quality of care, patient interactions with staff, and communication are a few examples. All grievances were evaluated using a patient-centered approach and investigated thoroughly by the Network using interdisciplinary consultation as needed, following the procedures outlined in the Network's contract with CMS.

In addition to investigation, Network staff utilized patient centric approaches to include encouraging patient and peer advocacy, collaborating closely to arrive at mutually agreed upon resolutions and using problem areas as supportive individual coaching opportunities. By using these approaches, the Network served in a mediator role between facilities and patients in an effort to strive for mutually beneficial grievance resolutions. As a result of these efforts, the Network received positive feedback from several patients during the year.

Table D. Grievance Data for Calendar Year 2016

Category	Number
Number of Grievance Cases Opened by the Network in Calendar Year 2016	260
Number of Grievance Cases Involving Access to Care	44
Number of Grievance Cases Involving Involuntary Transfer	2
Number of Grievance Cases Involving Involuntary Discharge	26
Number of Grievance Cases Involving Failure to Place	4
Number of Non-Grievance Cases Involving Access to Care	113
Number of Non-Grievance Cases Involving Involuntary Transfer	0
Number of Non-Grievance Cases Involving Involuntary Discharge	45
Number of Non-Grievance Cases Involving Failure to Place	5
Total Number of Grievance and Non-Grievance Cases Involving Access to Care	44
Number of Grievance Cases Closed by the Network in Calendar Year 2016	260
Number of Non-Grievance Access to Care Cases Closed by the Network in Calendar Year 2016	113

Source of data: Patient Contact Utility

# **Cases Referred to State Survey Agencies**

During 2016, two cases were referred to SAs, as summarized in the following paragraphs.

#### April 26, 2016, Case Referral

In April 2016, an anonymous caller reported concerns about a facility's water treatment system often being out of service and that the dialysis machines were outdated and broken. The individual had been informed about the Network's grievance process and requested that the Network refer the case to the SA.

The grievant was provided with the SA's contact information after CMS was provided information about the case. On May 4, 2016, the SA advised the Network that a surveyor was conducting an investigation at the facility.

#### June 2016 Case Referral

In June 2016, a facility reported the involuntary discharge of a patient due to the patient's verbal threats to staff members in response to having to wait to begin treatment on the dialysis machine. The facility had no prior documentation of problems with the patient's behavior. The Network deemed that the facility handled the situation inappropriately per the Conditions for Coverage, which healthcare organizations must meet in order to begin and continue participating in the Medicare and Medicaid programs. The case was then referred to the SA. The Network provided education to facility staff on the Conditions for Coverage, and provided alternative strategies that could be employed to engage the fairly new patient and come to an appropriate resolution.

## EMERGENCY PREPAREDNESS AND RESPONSE

Beginning in May 2016, Network staff addressed complex emergency situations, conducted preparedness planning and partnered with state departments of public health and offices of emergency management across the Network service area. Working with these entities, the Network was able to effectively support ESRD facilities and patients through several major emergency events that resulted in multi-state facility closures, patient evacuations, and involvement of federal, state and local agencies.

In May 2016, flooding events impacted 338 facilities serving 24,442 patients as follows:

• **Georgia:** 36 facilities serving 1,341 patients

• North Carolina: 206 facilities serving 16,785 patients

• South Carolina: 96 facilities serving 6,316 patients

On September 3, 2016, Hurricane Hermine impacted 442 facilities serving 31,803 patients as follows:

• **Georgia:** 89 facilities serving 5,379 patients

• **North Carolina:** 206 facilities serving 16,785 patients

• **South Carolina:** 147 facilities serving 9,639 patients

From October 5 to October 24, 2016, Hurricane Matthew and its aftermath flooding impacted 227 facilities serving 14,882 patients as follows:

Georgia: 53 facilities serving 3,184 patients

• North Carolina: 78 facilities serving 5,378 patients

• **South Carolina:** 96 facilities serving 6,320 patients

On November 30, 2016, tornados in Georgia impacted travel and power for 109 facilities serving 6,704 patients.

In November 2016, multi-state wildfires and smoke alerts impacted 101 facilities serving 5,941 patients, as follows:

Georgia: 43 facilities serving 2,039 patients

• North Carolina: 29 Facilities serving 2,020 patients

• **South Carolina:** 146 facilities serving 9,582 patients

The Network offered 24/7 support to facilities and patients during Hurricane Hermine and Hurricane Matthew. During Hurricane Matthew, the Network worked closely with the Offices of Emergency Management, state departments of health, and other government agencies in Georgia, North Carolina, and South Carolina as well as large dialysis organizations to support

recovery activities. The Network was contacted during this event by the Lowcountry Office of Public Health Preparedness, a division of the South Carolina Department of Health and Environmental Control, to provide support in addressing a surge in patients appearing at local hospital emergency departments, which had reached critical capacity in treating ESRD patients. The Network facilitated sharing of critical information with the decision makers who had the authority to approve early re-entry for key facility staff into the mandatory evacuation zones to evaluate and prepare facilities to accept patients for treatment as soon as the evacuation order was lifted.

The Network's executive director, the Healthcare Preparedness Coordinator at South Carolina Department of Health and Environmental Control, and a patient family member made a presentation as part of a panel discussion on the impact of Hurricane Matthew at the 2016 CMS Quality Conference in Baltimore.

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# **APPENDIX: DATA TABLES**

Table 1. Incident (New) ESRD Patients in Network 6's Service Area, by Patient Characteristics (January 1, 2016 - December 31, 2016)

Network 6's Service Area	Number	Percent
Age Group		
<= 4 Years	15	0.1%
5-9 Years	17	0.2%
10-14 Years	26	0.2%
15-19 Years	43	0.4%
20-24 Years	86	0.8%
25-29 Years	176	1.6%
30-34 Years	265	2.4%
35-39 Years	370	3.4%
40-44 Years	550	5.1%
45-49 Years	723	6.7%
50-54 Years	991	9.1%
55-59 Years	1272	11.7%
60-64 Years	1433	13.2%
65-69 Years	1618	14.9%
70-74 Years	1329	12.2%
75-79 Years	1024	9.4%
80-84 Years	621	5.7%
>= 85 Years	299	2.8%
Network-Level Total	10858	100.0%
Median Age	63	
Gender		
Female	4830	44.5%
Male	6028	55.5%
Network-Level Total	10858	100.0%
Ethnicity*		
Hispanic or Latino	341	3.1%
Not Hispanic or Latino	10459	96.3%
Not Specified	58	0.5%
Network-Level Total	10858	100.0%
Race*		
American Indian/Alaska Native	57	0.5%
Asian	130	1.2%
Black or African American	5361	49.4%
Native Hawaiian or Other Pacific Islander	39	0.4%
White	5198	47.9%
More Than One Race Reported	15	0.1%
Not Specified	58	0.5%
Network-Level Total	10858	100.0%

Network 6's Service Area	Number	Percent
Primary Cause of ESRD*		
Diabetes	4756	43.8%
Glomerulonephritis	570	5.2%
Secondary Glomerulonephritis/Vasculitis	211	1.9%
Interstitial Nephritis/Pyelonephritis	122	1.1%
Transplant Complications	24	0.2%
Hypertension/Large Vessel Disease	3736	34.4%
Cystic/Hereditary/Congenital/Other Diseases	245	2.3%
Neoplasms/Tumors	175	1.6%
Disorders of Mineral Metabolism	7	0.1%
Genitourinary System	27	0.2%
Acute Kidney Failure	202	1.9%
Miscellaneous Conditions	500	4.6%
Not Specified	283	2.6%
Network-Level Total	10858	100.0%

Source of data: CROWNWeb.

\*Categories are from the CMS-2728 form.

#### NOTES:

- 1. This table includes data on dialysis and transplant patients whose initial "Admit Date" in CROWNWeb was within the calendar year. Excludes patients with a "Discharge Reason" of acute kidney failure.
- 2. This table may include data on some patients receiving dialysis services from U.S. Department of Veterans Affairs (VA) facilities.
- 3. Data on "ethnicity" and "race" should be interpreted with caution because of the inherent instability of race/ethnicity data.

Table 2. Prevalent Dialysis Patients in Network 6's Service Area, by Patient Characteristics (as of December 31, 2016)

Network 6's Service Area	Number	Percent
Age Group		
<= 4 Years	18	0.0%
5-9 Years	15	0.0%
10-14 Years	30	0.1%
15-19 Years	80	0.2%
20-24 Years	305	0.6%
25-29 Years	706	1.5%
30-34 Years	1165	2.4%
35-39 Years	1809	3.8%
40-44 Years	2722	5.7%
45-49 Years	3758	7.9%
50-54 Years	4840	10.1%
55-59 Years	5850	12.2%
60-64 Years	6571	13.7%
65-69 Years	6943	14.5%
70-74 Years	5273	11.0%
75-79 Years	3831	8.0%
80-84 Years	2566	5.4%
>= 85 Years	1355	2.8%
Network-Level Total	47837	100.0%
Median Age	61	
Gender		
Female	21542	45.0%
Male	26295	55.0%
Network-Level Total	47837	100.0%
Ethnicity*		
Hispanic or Latino	1580	3.3%
Not Hispanic or Latino	46224	96.6%
Not Specified	33	0.1%
Network-Level Total	47837	100.0%
Race*		
American Indian/Alaska Native	213	0.4%
Asian	555	1.2%
Black or African American	30835	64.5%
Native Hawaiian or Other Pacific Islander	168	0.4%
White	15980	33.4%
More Than One Race Reported	59	0.1%
Not Specified	27	0.1%
Network-Level Total	47837	100.0%
Primary Cause of ESRD*		
Diabetes	19307	40.4%

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Network 6's Service Area	Number	Percent
Glomerulonephritis	3623	7.6%
Secondary Glomerulonephritis/Vasculitis	1097	2.3%
Interstitial Nephritis/Pyelonephritis	795	1.7%
Transplant Complications	27	0.1%
Hypertension/Large Vessel Disease	17547	36.7%
Cystic/Hereditary/Congenital/Other Diseases	1325	2.8%
Neoplasms/Tumors	1084	2.3%
Disorders of Mineral Metabolism	7	0.0%
Genitourinary System	24	0.1%
Acute Kidney Failure	132	0.3%
Miscellaneous Conditions	2412	5.0%
Not Specified	457	1.0%
Network-Level Total	47837	100.0%

Source of data: CROWNWeb.

#### NOTES:

- 1. This table includes data on all patients identified in CROWNWeb as alive and receiving dialysis services as of December 31 of the calendar year.
- 2. This table may include data on some patients receiving dialysis services from U.S. Department of Veterans Affairs (VA) facilities.
- 3. Data on "ethnicity" and "race" should be interpreted with caution because of the inherent instability of race/ethnicity data.

<sup>\*</sup>Categories are from the CMS-2728 form.

Table 3. In-Home Dialysis Patients In Network 6's Service Area, by Dialysis Facility and Modality (as of December 31, 2016)

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
GA						
110010	0	0	0	0	0	0
110034	0	0	0	0	0	0
110038	0	0	0	0	0	110
110083	0	0	0	0	0	0
110095	0	1	25	0	26	133
110104	0	0	0	0	0	77
110105	1	0	0	0	1	91
11029F	0	0	0	0	0	33
112321	20	3	41	0	64	64
112500	0	0	2	0	2	21
112501	9	2	11	0	22	83
112504	0	0	0	0	0	44
112505	15	7	5	0	27	105
112507	14	18	14	0	46	142
112508	0	10	21	0	31	129
112509	0	0	0	0	0	122
112510	2	2	19	0	23	112
112511	0	0	0	0	0	67
112513	0	0	0	0	0	72
112514	2	1	15	0	18	92
112515	0	0	0	0	0	50
112516	3	0	6	0	9	73
112517	0	2	24	0	26	103
112518	0	0	0	0	0	107
112519	0	0	0	0	0	39
112522	2	0	2	0	4	67
112523	0	0	0	0	0	133
112524	2	5	20	0	27	128
112526	0	4	14	0	18	85
112527	0	0	0	0	0	57
112528	0	0	2	0	2	72
112530	1	2	40	0	43	43
112531	2	2	12	0	16	96

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
112532	0	0	0	0	0	66
112533	0	0	0	0	0	48
112534	0	0	0	0	0	46
112535	0	0	2	0	2	102
112540	0	0	0	0	0	69
112541	0	0	4	0	4	70
112544	0	0	0	0	0	0
112545	0	0	0	0	0	49
112546	0	0	0	0	0	67
112551	0	2	5	0	7	46
112553	0	0	0	0	0	43
112554	0	0	0	0	0	54
112555	0	0	0	0	0	53
112557	0	1	18	0	19	84
112558	0	0	7	0	7	52
112559	0	0	0	0	0	57
112561	9	3	16	0	28	84
112562	0	0	0	0	0	55
112563	0	0	0	0	0	64
112566	0	0	0	0	0	0
112567	0	0	0	0	0	0
112568	0	0	0	0	0	71
112569	0	17	4	0	21	81
112571	0	0	0	0	0	48
112572	0	0	0	0	0	16
112573	0	0	0	0	0	57
112574	0	0	0	0	0	47
112576	0	0	0	0	0	78
112578	0	0	0	0	0	40
112579	0	0	8	0	8	55
112581	0	0	0	0	0	68
112582	0	0	0	0	0	0
112583	0	6	6	0	12	73
112585	1	0	16	0	17	17
112587	0	0	0	0	0	103
112588	0	0	0	0	0	71
112590	8	0	16	0	24	95

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
112591	0	0	0	0	0	76
112594	0	0	0	0	0	29
112595	0	16	33	0	49	49
112596	0	0	0	0	0	28
112598	0	0	0	0	0	19
112599	0	0	0	0	0	47
112600	0	0	0	0	0	148
112601	0	0	10	0	10	68
112602	1	0	3	0	4	80
112603	0	0	0	0	0	22
112608	0	0	0	0	0	49
112609	0	2	48	0	50	103
112610	0	0	0	0	0	45
112611	0	0	0	0	0	41
112612	0	1	3	0	4	30
112613	0	0	0	0	0	38
112615	0	0	0	0	0	45
112617	2	3	9	0	14	59
112619	0	4	5	0	9	42
112620	0	3	2	0	5	52
112621	1	0	15	0	16	66
112622	2	1	11	0	14	92
112624	0	0	0	0	0	33
112627	0	0	0	0	0	42
112628	0	1	3	0	4	46
112630	0	0	0	0	0	58
112631	0	0	0	0	0	54
112632	0	0	0	0	0	22
112633	0	0	0	0	0	86
112634	0	0	0	0	0	78
112636	0	0	0	0	0	80
112637	0	0	5	0	5	24
112638	0	0	0	0	0	46
112639	3	2	11	0	16	91
112640	0	0	0	0	0	59
112641	0	0	0	0	0	76
112643	0	0	0	0	0	53

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
112645	4	1	13	0	18	112
112646	0	1	18	0	19	106
112647	0	0	0	0	0	31
112648	4	1	5	0	10	71
112649	0	0	0	0	0	43
112651	0	0	0	0	0	80
112652	0	0	0	0	0	38
112655	0	0	0	0	0	98
112656	1	0	1	0	2	60
112657	0	5	10	0	15	104
112658	0	0	0	0	0	88
112659	0	0	0	0	0	97
112660	0	0	0	0	0	75
112661	0	0	0	0	0	29
112664	0	0	0	0	0	33
112667	0	0	0	0	0	55
112668	1	1	11	0	13	103
112669	0	0	0	0	0	69
112670	0	0	0	0	0	17
112671	0	0	0	0	0	55
112672	0	2	11	0	13	93
112674	0	0	0	0	0	45
112675	0	2	7	0	9	55
112676	0	2	6	0	8	65
112677	0	2	11	0	13	13
112679	0	1	7	0	8	46
112680	0	2	4	0	6	38
112681	0	0	0	0	0	34
112683	0	0	0	0	0	58
112685	0	0	0	0	0	35
112688	0	0	0	0	0	65
112689	0	0	2	0	2	75
112691	0	4	3	0	7	58
112692	0	0	0	0	0	82
112693	0	5	8	0	13	64
112694	0	1	6	0	7	66
112695	0	2	3	0	5	104

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
112696	0	0	0	0	0	81
112697	0	0	0	0	0	0
112698	0	0	0	0	0	43
112699	0	0	0	0	0	58
112700	0	1	6	0	7	45
112702	0	0	0	0	0	80
112704	0	0	0	0	0	126
112705	0	0	0	0	0	79
112706	0	7	12	0	19	95
112707	0	1	5	0	6	82
112708	0	2	6	0	8	70
112709	0	0	0	0	0	38
112710	0	1	16	0	17	108
112711	0	0	5	0	5	90
112712	6	7	14	0	27	63
112714	0	0	0	0	0	96
112715	0	0	6	0	6	63
112716	0	0	0	0	0	37
112718	0	4	1	0	5	48
112719	0	0	0	0	0	51
112720	0	0	0	0	0	78
112721	0	1	12	0	13	70
112722	3	12	12	0	27	152
112723	0	0	0	0	0	42
112724	0	0	0	0	0	46
112725	0	0	0	0	0	34
112726	0	0	0	0	0	26
112727	1	0	0	0	1	62
112728	2	2	6	0	10	31
112729	0	0	0	0	0	65
112730	1	1	17	0	19	88
112732	0	0	0	0	0	39
112733	0	0	0	0	0	71
112734	0	0	0	0	0	70
112735	0	0	0	0	0	77
112736	0	0	0	0	0	0
112737	3	0	5	0	8	44

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
112738	0	0	0	0	0	71
112741	0	0	0	0	0	49
112742	0	1	14	0	15	83
112743	1	0	8	0	9	57
112744	0	0	0	0	0	32
112745	0	0	0	0	0	62
112746	3	1	26	0	30	138
112747	0	0	0	0	0	0
112748	0	0	0	0	0	23
112749	1	4	21	0	26	129
112750	5	2	7	0	14	53
112751	0	0	0	0	0	34
112752	0	2	21	0	23	98
112753	0	10	14	0	24	78
112754	0	0	0	0	0	60
112755	0	2	4	0	6	57
112758	0	1	22	0	23	120
112759	0	3	8	0	11	84
112760	12	1	5	0	18	74
112761	11	0	0	0	11	106
112762	0	0	0	0	0	95
112763	0	1	5	0	6	41
112765	0	2	13	0	15	88
112766	5	1	9	0	15	52
112767	0	0	0	0	0	46
112768	2	0	12	0	14	64
112769	0	0	0	0	0	28
112770	0	0	0	0	0	51
112771	0	0	0	0	0	86
112772	1	1	7	0	9	52
112773	4	0	6	0	10	64
112774	12	3	29	0	44	44
112775	0	0	0	0	0	108
112776	0	0	0	0	0	20
112777	1	0	0	0	1	62
112778	0	0	7	0	7	92
112779	0	1	9	0	10	74

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
112781	0	4	13	0	17	70
112782	0	0	0	0	0	34
112783	0	0	0	0	0	39
112784	0	0	0	0	0	67
112785	0	0	0	0	0	73
112786	0	0	0	0	0	33
112788	7	1	11	0	19	108
112789	4	1	12	0	17	48
112790	0	0	0	0	0	50
112791	0	0	0	0	0	35
112792	0	0	0	0	0	50
112793	0	0	0	0	0	61
112794	1	1	1	0	3	44
112795	0	0	0	0	0	40
112796	0	0	0	0	0	51
112797	0	1	16	0	17	115
112798	1	0	9	0	10	78
112799	0	0	0	0	0	29
112800	0	0	0	0	0	58
112801	7	0	73	0	80	80
112802	0	0	0	0	0	20
112803	1	9	13	0	23	115
112804	0	0	0	0	0	17
112806	0	0	8	0	8	88
112807	3	0	0	0	3	47
112809	0	0	0	0	0	15
112810	6	6	26	0	38	87
112811	0	3	13	0	16	36
112812	0	0	0	0	0	0
112813	0	2	31	0	33	104
112814	0	0	0	0	0	17
112815	0	2	13	0	15	48
112816	0	0	18	0	18	45
112817	0	0	7	0	7	31
112818	0	0	0	0	0	22
112819	0	0	0	0	0	28
112820	0	1	44	0	45	45

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
112821	0	2	4	0	6	70
112822	0	0	0	0	0	36
112823	0	0	0	0	0	159
112824	20	24	96	0	140	343
112825	0	0	0	0	0	31
112826	0	0	0	0	0	190
112827	0	0	0	0	0	47
112828	2	3	6	0	11	82
112829	0	0	3	0	3	80
112830	0	3	6	0	9	85
112831	3	3	24	0	30	66
112832	0	2	12	0	14	73
112833	0	0	0	0	0	62
112834	0	0	0	0	0	23
112835	0	0	0	0	0	75
112836	1	0	10	0	11	61
112837	0	0	0	0	0	32
112838	0	0	0	0	0	43
112839	0	0	5	0	5	43
112840	0	0	0	0	0	26
112841	0	0	0	0	0	64
112842	15	0	0	0	15	15
112843	0	0	0	0	0	12
112844	0	6	16	0	22	87
112845	1	2	11	0	14	40
112846	0	0	1	0	1	31
112847	0	0	0	0	0	26
112848	0	0	0	0	0	22
112849	3	2	8	0	13	88
112850	1	1	10	0	12	36
112851	0	6	28	0	34	36
112852	0	2	4	0	6	48
112853	0	0	0	0	0	51
112854	0	1	7	0	8	42
112855	0	0	0	0	0	51
112857	0	2	12	0	14	14
112858	0	4	8	0	12	70

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
112859	0	2	8	0	10	54
112861	7	3	3	0	13	55
112862	0	0	0	0	0	64
112863	0	1	7	0	8	44
112864	10	0	7	0	17	17
112865	1	1	15	0	17	66
112866	2	0	5	0	7	52
112867	7	1	3	0	11	42
112868	0	2	5	0	7	7
112869	6	1	40	0	47	47
112870	0	3	9	0	12	41
112871	0	1	16	0	17	31
112872	1	1	6	0	8	8
112873	0	0	0	0	0	0
112874	0	0	0	0	0	74
112875	0	1	1	0	2	59
112876	0	0	0	0	0	24
112877	0	0	2	0	2	55
112878	0	0	0	0	0	39
112879	0	0	0	0	0	40
112880	0	1	13	0	14	14
112881	0	1	1	0	2	40
112882	3	4	14	0	21	21
112883	0	1	0	0	1	44
112884	0	0	9	0	9	9
112885	0	0	0	0	0	29
112886	4	6	4	0	14	65
112887	5	7	13	0	25	43
112888	0	0	4	0	4	26
112889	0	0	4	0	4	55
112890	0	7	26	0	33	33
112891	0	0	8	0	8	42
112892	0	3	6	0	9	33
112893	0	0	0	0	0	19
112894	0	0	0	0	0	12
112895	0	5	16	0	21	124
112896	0	3	14	0	17	55

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
112897	2	1	3	0	6	42
112898	7	0	3	0	10	28
112899	0	0	0	0	0	90
113300	0	0	0	0	0	0
113500	0	0	0	0	0	45
113501	0	0	0	0	0	56
113502	0	0	0	0	0	62
113504	0	0	0	0	0	48
852500	7	0	38	0	45	45
852501	2	6	10	0	18	18
852502	0	0	0	0	0	17
852503	0	4	12	0	16	125
852504	1	0	3	0	4	30
852505	2	1	0	0	3	5
852506	0	0	0	0	0	28
852507	0	0	0	0	0	58
852508	0	0	0	0	0	21
852509	0	0	0	0	0	23
852510	0	0	0	0	0	16
852511	0	0	0	0	0	18
852512	0	0	0	0	0	31
852513	0	0	6	0	6	27
852514	0	0	0	0	0	14
852516	0	2	2	0	4	4
852517	0	0	3	0	3	3
852518	0	0	0	0	0	13
852519	0	0	0	0	0	6
852520	0	1	0	0	1	10
852521	0	0	0	0	0	0
852522	0	0	0	0	0	0
GA Total	327	392	1947	0	2666	20492
NC						
340030	0	0	0	0	0	0
340047	0	0	0	0	0	0
340047	0	0	0	0	0	2
340053	0	0	0	0	0	1
340061	0	0	0	0	0	0

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
340064	0	1	4	0	5	57
340113	0	0	4	0	4	13
340113	0	0	0	0	0	0
34012F	0	3	7	0	10	49
34013F	0	0	0	0	0	39
34014F	0	0	0	0	0	51
342502	18	5	25	0	48	214
342503	32	4	56	0	92	240
342504	10	4	22	0	36	214
342505	8	9	87	0	104	266
342506	42	0	0	0	42	203
342507	22	6	29	0	57	192
342509	4	2	4	0	10	121
342510	16	25	25	0	66	201
342511	11	14	37	0	62	195
342512	0	1	41	0	42	214
342513	37	0	20	0	57	195
342514	0	1	49	0	50	199
342515	0	3	22	0	25	116
342516	12	0	0	0	12	131
342517	7	0	10	0	17	141
342518	0	0	6	0	6	112
342520	0	0	4	0	4	78
342521	0	0	0	0	0	58
342522	9	3	32	0	44	243
342523	0	0	0	0	0	73
342524	2	0	3	0	5	107
342525	0	0	0	0	0	83
342526	0	4	14	0	18	111
342527	0	1	23	0	24	103
342528	7	2	8	0	17	133
342529	0	2	11	0	13	92
342531	8	7	24	0	39	134
342532	0	0	0	0	0	96
342533	1	0	1	0	2	95
342534	0	0	0	0	0	112
342535	0	0	0	0	0	45

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
342536	0	0	5	0	5	81
342537	0	0	0	0	0	172
342538	0	0	0	0	0	91
342539	0	0	13	0	13	91
342540	0	0	8	0	8	82
342541	0	0	0	0	0	50
342542	5	0	12	0	17	174
342543	0	0	4	0	4	116
342544	0	0	0	0	0	75
342545	0	0	0	0	0	56
342546	0	1	32	0	33	139
342547	0	0	0	0	0	46
342548	0	0	0	0	0	120
342549	0	0	0	0	0	138
342550	0	0	0	0	0	94
342551	0	0	17	0	17	94
342552	3	0	15	0	18	81
342553	1	1	25	0	27	130
342554	0	0	0	0	0	99
342555	13	4	25	0	42	117
342556	0	19	21	0	40	71
342557	2	0	8	0	10	110
342558	0	0	0	0	0	62
342559	1	1	8	0	10	96
342560	0	0	0	0	0	28
342561	12	1	13	0	26	118
342562	0	0	4	0	4	112
342563	0	1	6	0	7	107
342564	0	0	0	0	0	87
342565	0	0	7	0	7	94
342566	0	9	15	0	24	112
342567	0	0	12	0	12	106
342568	0	0	0	0	0	86
342569	0	0	0	0	0	127
342570	0	5	12	0	17	92
342571	0	0	3	0	3	75
342572	0	0	0	0	0	92

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
342573	0	0	0	0	0	46
342576	0	0	1	0	1	48
342577	0	3	6	0	9	105
342578	0	8	13	0	21	96
342579	0	0	0	0	0	105
342581	0	0	0	0	0	124
342582	0	1	19	0	20	59
342583	0	0	0	0	0	64
342584	3	0	9	0	12	78
342585	30	0	14	0	44	87
342586	1	0	5	0	6	67
342587	0	0	0	0	0	70
342588	0	0	0	0	0	48
342589	0	0	0	0	0	105
342590	2	3	14	0	19	81
342591	5	3	5	0	13	138
342592	9	0	24	0	33	120
342593	0	0	0	0	0	140
342594	0	0	0	0	0	114
342595	0	0	0	0	0	53
342596	9	6	31	0	46	185
342597	0	0	0	0	0	37
342598	0	0	0	0	0	22
342599	0	0	0	0	0	84
342600	0	0	0	0	0	108
342601	0	0	0	0	0	136
342602	0	0	0	0	0	55
342603	0	0	0	0	0	122
342604	0	0	0	0	0	46
342605	0	0	0	0	0	92
342606	3	0	15	0	18	99
342607	0	0	0	0	0	52
342608	5	2	21	0	28	103
342609	1	0	7	0	8	76
342610	4	0	1	0	5	57
342611	0	0	0	0	0	29
342612	0	0	23	0	23	153

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
342613	0	0	0	0	0	104
342614	0	0	0	0	0	56
342615	0	0	0	0	0	91
342616	22	2	20	0	44	136
342617	0	0	0	0	0	30
342618	0	0	0	0	0	47
342619	0	0	0	0	0	58
342620	4	1	23	0	28	127
342621	0	0	0	0	0	68
342622	4	1	29	0	34	147
342623	0	0	0	0	0	52
342625	0	0	0	0	0	28
342627	27	3	40	0	70	180
342628	0	0	0	0	0	36
342629	0	0	0	0	0	56
342630	2	0	0	0	2	26
342631	0	0	0	0	0	79
342632	0	0	0	0	0	62
342633	0	0	6	0	6	59
342634	0	0	0	0	0	129
342635	0	0	0	0	0	92
342636	0	0	0	0	0	54
342637	0	0	0	0	0	120
342638	0	0	0	0	0	52
342639	0	0	0	0	0	97
342640	0	0	1	0	1	74
342641	0	0	0	0	0	55
342642	0	0	0	0	0	111
342643	0	0	0	0	0	155
342644	0	0	0	0	0	49
342645	0	0	0	0	0	42
342646	24	0	0	0	24	142
342647	0	0	0	0	0	76
342648	0	0	0	0	0	35
342649	0	0	0	0	0	34
342650	0	0	0	0	0	47
342651	0	0	0	0	0	19

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
342652	0	0	0	0	0	64
342653	0	0	0	0	0	58
342654	0	0	7	0	7	7
342655	0	7	7	0	14	14
342656	0	1	1	0	2	2
342657	0	2	8	0	10	10
342658	0	0	0	0	0	53
342659	0	9	7	0	16	69
342660	0	0	0	0	0	13
342661	0	0	0	0	0	28
342662	0	0	0	0	0	55
342663	0	0	0	0	0	122
342664	0	0	0	0	0	36
342665	0	0	16	0	16	50
342666	0	0	0	0	0	36
342667	0	0	0	0	0	143
342668	0	0	4	0	4	4
342669	0	0	0	0	0	25
342670	0	0	18	0	18	90
342671	0	0	0	0	0	72
342672	0	0	0	0	0	50
342673	0	0	0	0	0	45
342674	1	0	12	0	13	51
342675	0	0	19	0	19	89
342676	0	0	0	0	0	52
342677	0	0	6	0	6	47
342678	3	0	14	0	17	94
342679	0	0	0	0	0	26
342680	0	0	0	0	0	48
342681	0	0	0	0	0	90
342682	0	0	0	0	0	55
342683	0	0	0	0	0	76
342684	0	0	0	0	0	62
342685	0	0	0	0	0	119
342686	0	0	0	0	0	68
342687	0	1	1	0	2	29
342688	0	0	0	0	0	40

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
342689	0	1	2	0	3	20
342690	0	0	0	0	0	61
342691	0	1	6	0	7	71
342692	0	0	0	0	0	53
342693	0	8	7	0	15	39
342694	0	0	0	0	0	30
342695	0	32	54	0	86	86
342696	0	5	5	0	10	32
342697	0	0	0	0	0	48
342698	0	0	0	0	0	34
342699	0	2	30	0	32	32
342700	0	6	8	0	14	86
342701	2	1	2	0	5	37
342702	6	0	14	0	20	42
342703	0	0	0	0	0	20
342704	0	0	12	0	12	53
342705	1	0	3	0	4	29
342706	0	0	0	0	0	23
342707	0	0	0	0	0	33
342708	0	3	11	0	14	38
342709	0	1	15	0	16	37
342710	5	1	9	0	15	57
342711	0	3	0	0	3	3
342712	0	0	1	0	1	1
342713	0	0	0	0	0	12
342714	0	0	0	0	0	0
342715	0	0	0	0	0	0
342716	0	0	0	0	0	0
342717	0	0	0	0	0	0
342718	0	0	0	0	0	0
343504	0	6	18	0	24	73
349801	0	0	0	0	0	0
NC Total	456	262	1477	0	2195	17421
SC						
420004	0	0	0	0	0	0
42011F	0	0	0	0	0	39
42029F	0	0	0	0	0	26

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
422503	0	0	0	0	0	118
422504	0	0	0	0	0	124
422505	0	0	0	0	0	149
422506	0	0	0	0	0	92
422508	2	1	26	0	29	113
422509	0	0	0	0	0	77
422510	0	0	0	0	0	171
422511	0	0	0	0	0	70
422512	0	0	2	0	2	78
422513	0	0	0	0	0	77
422514	2	2	2	0	6	83
422515	0	5	24	0	29	171
422516	0	0	0	0	0	67
422517	0	0	0	0	0	83
422518	0	0	0	0	0	52
422519	1	1	4	0	6	80
422520	0	0	0	0	0	73
422521	0	0	0	0	0	100
422522	0	23	45	0	68	162
422524	0	0	0	0	0	51
422527	0	0	0	0	0	39
422528	3	0	14	0	17	122
422529	0	10	8	0	18	96
422530	0	0	0	0	0	78
422531	0	0	0	0	0	76
422532	0	0	0	0	0	81
422533	0	0	0	0	0	108
422534	0	0	0	0	0	40
422535	0	0	0	0	0	65
422536	0	1	0	0	1	35
422537	0	0	0	0	0	52
422538	7	0	21	0	28	125
422539	0	0	0	0	0	51
422540	14	1	28	0	43	154
422541	0	0	0	0	0	69
422542	0	0	0	0	0	63
422543	0	0	0	0	0	72

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
422545	0	0	0	0	0	121
422546	1	1	14	0	16	139
422547	0	0	0	0	0	60
422548	0	0	0	0	0	30
422549	0	3	11	0	14	111
422550	0	1	0	0	1	91
422552	0	0	0	0	0	51
422553	0	0	0	0	0	96
422556	0	0	0	0	0	71
422557	0	0	0	0	0	95
422560	0	0	0	0	0	73
422563	0	0	0	0	0	60
422564	0	0	0	0	0	85
422565	0	0	0	0	0	54
422566	0	0	0	0	0	60
422567	0	0	0	0	0	68
422568	0	0	0	0	0	47
422569	0	0	0	0	0	51
422570	0	2	9	0	11	62
422571	0	0	0	0	0	66
422572	0	0	0	0	0	75
422573	0	0	0	0	0	31
422574	8	24	63	0	95	190
422575	14	0	26	0	40	126
422576	0	0	0	0	0	98
422577	0	0	0	0	0	28
422578	0	0	0	0	0	81
422579	0	0	0	0	0	64
422580	0	0	0	0	0	48
422581	0	0	0	0	0	56
422582	0	0	0	0	0	90
422584	0	0	0	0	0	73
422585	0	3	12	0	15	65
422586	0	0	0	0	0	87
422587	0	0	0	0	0	91
422589	0	0	0	0	0	91
422590	0	1	6	0	7	79

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
422591	4	0	13	0	17	104
422592	0	0	0	0	0	43
422593	0	0	0	0	0	52
422594	0	0	0	0	0	70
422596	0	0	0	0	0	68
422597	0	0	0	0	0	24
422598	0	0	0	0	0	62
422599	0	0	0	0	0	29
422600	0	0	0	0	0	38
422601	0	0	0	0	0	49
422602	0	0	0	0	0	44
422603	0	0	0	0	0	59
422604	0	0	0	0	0	55
422605	0	0	0	0	0	43
422606	1	0	0	0	1	62
422607	5	1	7	0	13	90
422608	0	0	0	0	0	43
422609	0	0	0	0	0	58
422610	0	0	0	0	0	42
422611	0	0	0	0	0	70
422612	0	0	0	0	0	47
422613	0	0	0	0	0	66
422614	0	0	4	0	4	90
422615	0	0	0	0	0	42
422616	0	0	0	0	0	34
422617	0	0	0	0	0	69
422618	0	0	0	0	0	45
422619	0	0	0	0	0	63
422620	1	0	0	0	1	67
422621	0	0	0	0	0	50
422622	0	0	0	0	0	34
422623	7	2	18	0	27	80
422624	0	0	0	0	0	35
422625	0	0	0	0	0	38
422626	0	0	0	0	0	30
422627	14	4	92	0	110	110
422628	0	0	11	0	11	60

Facility CCN	HD	CAPD	CCPD	Other Modalities	Total In-Home Patients	Total In-Center and In-Home Patients
422629	0	6	13	0	19	82
422630	1	0	7	0	8	47
422631	0	7	42	0	49	49
422632	0	0	0	0	0	55
422633	10	5	53	0	68	68
422634	1	36	8	0	45	119
422635	0	0	3	0	3	71
422636	3	5	43	0	51	91
422637	0	1	19	0	20	95
422638	4	0	34	0	38	38
422639	0	0	0	0	0	23
422640	0	1	24	0	25	62
422641	0	0	0	0	0	50
422642	0	0	5	0	5	31
422643	0	0	2	0	2	2
422644	1	6	25	0	32	32
422645	0	0	2	0	2	47
422646	0	6	43	0	49	96
422647	0	0	4	0	4	30
422648	1	2	12	0	15	15
422649	0	2	8	0	10	37
422650	15	2	20	0	37	37
422651	0	0	0	0	0	61
422652	3	0	13	0	16	16
422653	5	3	21	0	29	79
422654	1	0	4	0	5	24
422655	0	0	0	0	0	56
422656	1	0	2	0	3	22
422657	0	0	3	0	3	40
422658	7	1	20	0	28	28
422659	0	0	0	0	0	25
422660	0	0	0	0	0	26
422661	0	0	0	0	0	42
422662	0	1	5	0	6	36
422663	0	0	0	0	0	0
422664	0	0	0	0	0	0
SC Total	137	170	895	0	1202	9943

## IPRO ESRD Network of the South Atlantic (Network 6) 2016 Annual Report

Source of data: ESRD Facility Survey (CMS-2744A) as recorded in CROWNWeb.

HD = Hemodialysis

CAPD = Continuous Ambulatory Peritoneal Dialysis

CCPD = Continuous Cycling Peritoneal Dialysis

NOTE: This table may include data for some U.S. Department of Veterans Affairs (VA) facilities.

Table 4. In-Center Dialysis Patients in Network 6's Service Area, by Dialysis Facility and Modality (as of December 31, 2016)

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
GA				
110010	0	0	0	0
110034	0	0	0	0
110038	110	0	110	110
110083	0	0	0	0
110095	107	0	107	133
110104	77	0	77	77
110105	90	0	90	91
11029F	33	0	33	33
112321	0	0	0	64
112500	19	0	19	21
112501	61	0	61	83
112504	44	0	44	44
112505	78	0	78	105
112507	96	0	96	142
112508	98	0	98	129
112509	122	0	122	122
112510	89	0	89	112
112511	67	0	67	67
112513	72	0	72	72
112514	74	0	74	92
112515	50	0	50	50
112516	64	0	64	73
112517	77	0	77	103
112518	107	0	107	107
112519	39	0	39	39
112522	63	0	63	67
112523	133	0	133	133
112524	101	0	101	128
112526	67	0	67	85
112527	57	0	57	57
112528	70	0	70	72
112530	0	0	0	43
112531	80	0	80	96
112532	66	0	66	66

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
112533	48	0	48	48
112534	46	0	46	46
112535	100	0	100	102
112540	69	0	69	69
112541	66	0	66	70
112544	0	0	0	0
112545	49	0	49	49
112546	67	0	67	67
112551	39	0	39	46
112553	43	0	43	43
112554	54	0	54	54
112555	53	0	53	53
112557	65	0	65	84
112558	45	0	45	52
112559	57	0	57	57
112561	56	0	56	84
112562	55	0	55	55
112563	64	0	64	64
112566	0	0	0	0
112567	0	0	0	0
112568	71	0	71	71
112569	60	0	60	81
112571	48	0	48	48
112572	16	0	16	16
112573	57	0	57	57
112574	47	0	47	47
112576	78	0	78	78
112578	40	0	40	40
112579	47	0	47	55
112581	68	0	68	68
112582	0	0	0	0
112583	61	0	61	73
112585	0	0	0	17
112587	103	0	103	103
112588	71	0	71	71
112590	71	0	71	95
112591	76	0	76	76
112594	29	0	29	29
112595	0	0	0	49

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
112596	28	0	28	28
112598	19	0	19	19
112599	47	0	47	47
112600	148	0	148	148
112601	58	0	58	68
112602	76	0	76	80
112603	22	0	22	22
112608	49	0	49	49
112609	53	0	53	103
112610	45	0	45	45
112611	41	0	41	41
112612	26	0	26	30
112613	38	0	38	38
112615	45	0	45	45
112617	45	0	45	59
112619	33	0	33	42
112620	47	0	47	52
112621	50	0	50	66
112622	78	0	78	92
112624	33	0	33	33
112627	42	0	42	42
112628	42	0	42	46
112630	58	0	58	58
112631	54	0	54	54
112632	22	0	22	22
112633	86	0	86	86
112634	78	0	78	78
112636	80	0	80	80
112637	19	0	19	24
112638	46	0	46	46
112639	75	0	75	91
112640	59	0	59	59
112641	76	0	76	76
112643	53	0	53	53
112645	94	0	94	112
112646	87	0	87	106
112647	31	0	31	31
112648	61	0	61	71
112649	43	0	43	43

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
112651	80	0	80	80
112652	38	0	38	38
112655	98	0	98	98
112656	58	0	58	60
112657	89	0	89	104
112658	88	0	88	88
112659	97	0	97	97
112660	75	0	75	75
112661	29	0	29	29
112664	33	0	33	33
112667	55	0	55	55
112668	90	0	90	103
112669	69	0	69	69
112670	17	0	17	17
112671	55	0	55	55
112672	80	0	80	93
112674	45	0	45	45
112675	46	0	46	55
112676	57	0	57	65
112677	0	0	0	13
112679	38	0	38	46
112680	32	0	32	38
112681	34	0	34	34
112683	58	0	58	58
112685	35	0	35	35
112688	65	0	65	65
112689	73	0	73	75
112691	51	0	51	58
112692	82	0	82	82
112693	51	0	51	64
112694	59	0	59	66
112695	99	0	99	104
112696	81	0	81	81
112697	0	0	0	0
112698	43	0	43	43
112699	58	0	58	58
112700	38	0	38	45
112702	80	0	80	80
112704	126	0	126	126

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
112705	79	0	79	79
112706	76	0	76	95
112707	76	0	76	82
112708	62	0	62	70
112709	38	0	38	38
112710	91	0	91	108
112711	85	0	85	90
112712	36	0	36	63
112714	96	0	96	96
112715	57	0	57	63
112716	37	0	37	37
112718	43	0	43	48
112719	51	0	51	51
112720	78	0	78	78
112721	57	0	57	70
112722	125	0	125	152
112723	42	0	42	42
112724	46	0	46	46
112725	34	0	34	34
112726	26	0	26	26
112727	61	0	61	62
112728	21	0	21	31
112729	65	0	65	65
112730	69	0	69	88
112732	39	0	39	39
112733	71	0	71	71
112734	70	0	70	70
112735	77	0	77	77
112736	0	0	0	0
112737	36	0	36	44
112738	71	0	71	71
112741	49	0	49	49
112742	68	0	68	83
112743	48	0	48	57
112744	32	0	32	32
112745	62	0	62	62
112746	108	0	108	138
112747	0	0	0	0
112748	23	0	23	23

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
112749	103	0	103	129
112750	39	0	39	53
112751	34	0	34	34
112752	75	0	75	98
112753	54	0	54	78
112754	60	0	60	60
112755	51	0	51	57
112758	97	0	97	120
112759	73	0	73	84
112760	56	0	56	74
112761	95	0	95	106
112762	95	0	95	95
112763	35	0	35	41
112765	73	0	73	88
112766	37	0	37	52
112767	46	0	46	46
112768	50	0	50	64
112769	28	0	28	28
112770	51	0	51	51
112771	86	0	86	86
112772	43	0	43	52
112773	54	0	54	64
112774	0	0	0	44
112775	108	0	108	108
112776	20	0	20	20
112777	61	0	61	62
112778	85	0	85	92
112779	64	0	64	74
112781	53	0	53	70
112782	34	0	34	34
112783	39	0	39	39
112784	67	0	67	67
112785	73	0	73	73
112786	33	0	33	33
112788	89	0	89	108
112789	31	0	31	48
112790	50	0	50	50
112791	35	0	35	35
112792	50	0	50	50

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
112793	61	0	61	61
112794	41	0	41	44
112795	40	0	40	40
112796	51	0	51	51
112797	98	0	98	115
112798	68	0	68	78
112799	29	0	29	29
112800	58	0	58	58
112801	0	0	0	80
112802	20	0	20	20
112803	92	0	92	115
112804	17	0	17	17
112806	80	0	80	88
112807	44	0	44	47
112809	15	0	15	15
112810	49	0	49	87
112811	20	0	20	36
112812	0	0	0	0
112813	71	0	71	104
112814	17	0	17	17
112815	33	0	33	48
112816	27	0	27	45
112817	24	0	24	31
112818	22	0	22	22
112819	28	0	28	28
112820	0	0	0	45
112821	64	0	64	70
112822	36	0	36	36
112823	159	0	159	159
112824	203	0	203	343
112825	31	0	31	31
112826	190	0	190	190
112827	47	0	47	47
112828	71	0	71	82
112829	77	0	77	80
112830	76	0	76	85
112831	36	0	36	66
112832	59	0	59	73
112833	62	0	62	62

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
112834	23	0	23	23
112835	75	0	75	75
112836	50	0	50	61
112837	32	0	32	32
112838	43	0	43	43
112839	38	0	38	43
112840	26	0	26	26
112841	64	0	64	64
112842	0	0	0	15
112843	12	0	12	12
112844	65	0	65	87
112845	26	0	26	40
112846	30	0	30	31
112847	26	0	26	26
112848	22	0	22	22
112849	75	0	75	88
112850	24	0	24	36
112851	1	1	2	36
112852	42	0	42	48
112853	51	0	51	51
112854	34	0	34	42
112855	51	0	51	51
112857	0	0	0	14
112858	58	0	58	70
112859	44	0	44	54
112861	42	0	42	55
112862	64	0	64	64
112863	36	0	36	44
112864	0	0	0	17
112865	49	0	49	66
112866	45	0	45	52
112867	31	0	31	42
112868	0	0	0	7
112869	0	0	0	47
112870	29	0	29	41
112871	14	0	14	31
112872	0	0	0	8
112873	0	0	0	0
112874	74	0	74	74

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
112875	57	0	57	59
112876	24	0	24	24
112877	53	0	53	55
112878	39	0	39	39
112879	40	0	40	40
112880	0	0	0	14
112881	38	0	38	40
112882	0	0	0	21
112883	43	0	43	44
112884	0	0	0	9
112885	29	0	29	29
112886	51	0	51	65
112887	18	0	18	43
112888	22	0	22	26
112889	51	0	51	55
112890	0	0	0	33
112891	34	0	34	42
112892	24	0	24	33
112893	19	0	19	19
112894	12	0	12	12
112895	103	0	103	124
112896	38	0	38	55
112897	36	0	36	42
112898	18	0	18	28
112899	90	0	90	90
113300	0	0	0	0
113500	45	0	45	45
113501	56	0	56	56
113502	62	0	62	62
113504	48	0	48	48
852500	0	0	0	45
852501	0	0	0	18
852502	17	0	17	17
852503	109	0	109	125
852504	26	0	26	30
852505	2	0	2	5
852506	28	0	28	28
852507	58	0	58	58
852508	21	0	21	21

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
852509	23	0	23	23
852510	16	0	16	16
852511	18	0	18	18
852512	31	0	31	31
852513	21	0	21	27
852514	14	0	14	14
852516	0	0	0	4
852517	0	0	0	3
852518	13	0	13	13
852519	6	0	6	6
852520	9	0	9	10
852521	0	0	0	0
852522	0	0	0	0
GA Total	17825	1	17826	20492
NC				
340030	0	0	0	0
340047	0	0	0	0
340047	2	0	2	2
340053	1	0	1	1
340061	0	0	0	0
340064	52	0	52	57
340113	9	0	9	13
340113	0	0	0	0
34012F	39	0	39	49
34013F	39	0	39	39
34014F	51	0	51	51
342502	166	0	166	214
342503	148	0	148	240
342504	178	0	178	214
342505	162	0	162	266
342506	161	0	161	203
342507	135	0	135	192
342509	111	0	111	121
342510	135	0	135	201
342511	133	0	133	195
342512	172	0	172	214
342513	138	0	138	195
342514	149	0	149	199
342515	91	0	91	116

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
342516	119	0	119	131
342517	124	0	124	141
342518	106	0	106	112
342520	74	0	74	78
342521	58	0	58	58
342522	199	0	199	243
342523	73	0	73	73
342524	102	0	102	107
342525	83	0	83	83
342526	93	0	93	111
342527	79	0	79	103
342528	116	0	116	133
342529	79	0	79	92
342531	95	0	95	134
342532	96	0	96	96
342533	93	0	93	95
342534	112	0	112	112
342535	45	0	45	45
342536	76	0	76	81
342537	172	0	172	172
342538	91	0	91	91
342539	78	0	78	91
342540	74	0	74	82
342541	50	0	50	50
342542	157	0	157	174
342543	112	0	112	116
342544	75	0	75	75
342545	56	0	56	56
342546	106	0	106	139
342547	46	0	46	46
342548	120	0	120	120
342549	138	0	138	138
342550	94	0	94	94
342551	77	0	77	94
342552	63	0	63	81
342553	103	0	103	130
342554	99	0	99	99
342555	75	0	75	117
342556	31	0	31	71

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
342557	99	1	100	110
342558	62	0	62	62
342559	86	0	86	96
342560	28	0	28	28
342561	92	0	92	118
342562	108	0	108	112
342563	100	0	100	107
342564	87	0	87	87
342565	87	0	87	94
342566	88	0	88	112
342567	94	0	94	106
342568	86	0	86	86
342569	127	0	127	127
342570	75	0	75	92
342571	72	0	72	75
342572	92	0	92	92
342573	46	0	46	46
342576	47	0	47	48
342577	96	0	96	105
342578	75	0	75	96
342579	105	0	105	105
342581	124	0	124	124
342582	39	0	39	59
342583	64	0	64	64
342584	66	0	66	78
342585	43	0	43	87
342586	61	0	61	67
342587	70	0	70	70
342588	48	0	48	48
342589	105	0	105	105
342590	62	0	62	81
342591	125	0	125	138
342592	87	0	87	120
342593	140	0	140	140
342594	114	0	114	114
342595	53	0	53	53
342596	139	0	139	185
342597	37	0	37	37
342598	22	0	22	22

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
342599	84	0	84	84
342600	108	0	108	108
342601	136	0	136	136
342602	55	0	55	55
342603	122	0	122	122
342604	46	0	46	46
342605	92	0	92	92
342606	81	0	81	99
342607	52	0	52	52
342608	75	0	75	103
342609	68	0	68	76
342610	52	0	52	57
342611	29	0	29	29
342612	130	0	130	153
342613	104	0	104	104
342614	56	0	56	56
342615	91	0	91	91
342616	92	0	92	136
342617	30	0	30	30
342618	47	0	47	47
342619	58	0	58	58
342620	99	0	99	127
342621	68	0	68	68
342622	113	0	113	147
342623	52	0	52	52
342625	28	0	28	28
342627	110	0	110	180
342628	36	0	36	36
342629	56	0	56	56
342630	24	0	24	26
342631	79	0	79	79
342632	62	0	62	62
342633	53	0	53	59
342634	129	0	129	129
342635	92	0	92	92
342636	54	0	54	54
342637	120	0	120	120
342638	52	0	52	52
342639	97	0	97	97

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
342640	73	0	73	74
342641	55	0	55	55
342642	111	0	111	111
342643	155	0	155	155
342644	49	0	49	49
342645	42	0	42	42
342646	118	0	118	142
342647	76	0	76	76
342648	35	0	35	35
342649	34	0	34	34
342650	47	0	47	47
342651	19	0	19	19
342652	64	0	64	64
342653	58	0	58	58
342654	0	0	0	7
342655	0	0	0	14
342656	0	0	0	2
342657	0	0	0	10
342658	53	0	53	53
342659	53	0	53	69
342660	13	0	13	13
342661	28	0	28	28
342662	55	0	55	55
342663	122	0	122	122
342664	36	0	36	36
342665	34	0	34	50
342666	36	0	36	36
342667	143	0	143	143
342668	0	0	0	4
342669	25	0	25	25
342670	72	0	72	90
342671	72	0	72	72
342672	50	0	50	50
342673	45	0	45	45
342674	38	0	38	51
342675	70	0	70	89
342676	52	0	52	52
342677	41	0	41	47
342678	77	0	77	94

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
342679	26	0	26	26
342680	48	0	48	48
342681	90	0	90	90
342682	55	0	55	55
342683	76	0	76	76
342684	62	0	62	62
342685	119	0	119	119
342686	68	0	68	68
342687	27	0	27	29
342688	40	0	40	40
342689	17	0	17	20
342690	61	0	61	61
342691	64	0	64	71
342692	53	0	53	53
342693	24	0	24	39
342694	30	0	30	30
342695	0	0	0	86
342696	21	1	22	32
342697	48	0	48	48
342698	34	0	34	34
342699	0	0	0	32
342700	72	0	72	86
342701	32	0	32	37
342702	22	0	22	42
342703	20	0	20	20
342704	41	0	41	53
342705	25	0	25	29
342706	23	0	23	23
342707	33	0	33	33
342708	24	0	24	38
342709	21	0	21	37
342710	42	0	42	57
342711	0	0	0	3
342712	0	0	0	1
342713	12	0	12	12
342714	0	0	0	0
342715	0	0	0	0
342716	0	0	0	0
342717	0	0	0	0

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
342718	0	0	0	0
343504	49	0	49	73
349801	0	0	0	0
NC Total	15224	2	15226	17421
sc				
420004	0	0	0	0
42011F	39	0	39	39
42029F	26	0	26	26
422503	118	0	118	118
422504	124	0	124	124
422505	149	0	149	149
422506	92	0	92	92
422508	84	0	84	113
422509	77	0	77	77
422510	171	0	171	171
422511	70	0	70	70
422512	76	0	76	78
422513	77	0	77	77
422514	77	0	77	83
422515	142	0	142	171
422516	67	0	67	67
422517	83	0	83	83
422518	52	0	52	52
422519	74	0	74	80
422520	73	0	73	73
422521	100	0	100	100
422522	94	0	94	162
422524	51	0	51	51
422527	39	0	39	39
422528	105	0	105	122
422529	78	0	78	96
422530	78	0	78	78
422531	76	0	76	76
422532	81	0	81	81
422533	108	0	108	108
422534	40	0	40	40
422535	65	0	65	65
422536	34	0	34	35
422537	52	0	52	52

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
422538	97	0	97	125
422539	51	0	51	51
422540	111	0	111	154
422541	69	0	69	69
422542	63	0	63	63
422543	72	0	72	72
422545	121	0	121	121
422546	123	0	123	139
422547	60	0	60	60
422548	30	0	30	30
422549	97	0	97	111
422550	90	0	90	91
422552	51	0	51	51
422553	96	0	96	96
422556	71	0	71	71
422557	95	0	95	95
422560	73	0	73	73
422563	60	0	60	60
422564	85	0	85	85
422565	54	0	54	54
422566	60	0	60	60
422567	68	0	68	68
422568	47	0	47	47
422569	51	0	51	51
422570	51	0	51	62
422571	66	0	66	66
422572	75	0	75	75
422573	31	0	31	31
422574	95	0	95	190
422575	86	0	86	126
422576	98	0	98	98
422577	28	0	28	28
422578	81	0	81	81
422579	64	0	64	64
422580	48	0	48	48
422581	56	0	56	56
422582	90	0	90	90
422584	73	0	73	73
422585	50	0	50	65

Facility CCN	HD	PD	Total In-Center Patients	Total In-Center and In-Home Patients
422586	87	0	87	87
422587	91	0	91	91
422589	91	0	91	91
422590	72	0	72	79
422591	87	0	87	104
422592	43	0	43	43
422593	52	0	52	52
422594	70	0	70	70
422596	68	0	68	68
422597	24	0	24	24
422598	62	0	62	62
422599	29	0	29	29
422600	38	0	38	38
422601	49	0	49	49
422602	43	1	44	44
422603	59	0	59	59
422604	55	0	55	55
422605	43	0	43	43
422606	61	0	61	62
422607	77	0	77	90
422608	43	0	43	43
422609	58	0	58	58
422610	42	0	42	42
422611	70	0	70	70
422612	47	0	47	47
422613	66	0	66	66
422614	86	0	86	90
422615	42	0	42	42
422616	34	0	34	34
422617	69	0	69	69
422618	45	0	45	45
422619	63	0	63	63
422620	66	0	66	67
422621	50	0	50	50
422622	34	0	34	34
422623	53	0	53	80
422624	35	0	35	35
422625	38	0	38	38
422626	30	0	30	30

Facility CCN	HD	PD	<b>Total In-Center Patients</b>	Total In-Center and In-Home Patients
422627	0	0	0	110
422628	49	0	49	60
422629	63	0	63	82
422630	39	0	39	47
422631	0	0	0	49
422632	55	0	55	55
422633	0	0	0	68
422634	74	0	74	119
422635	68	0	68	71
422636	40	0	40	91
422637	75	0	75	95
422638	0	0	0	38
422639	23	0	23	23
422640	37	0	37	62
422641	50	0	50	50
422642	26	0	26	31
422643	0	0	0	2
422644	0	0	0	32
422645	45	0	45	47
422646	47	0	47	96
422647	26	0	26	30
422648	0	0	0	15
422649	27	0	27	37
422650	0	0	0	37
422651	61	0	61	61
422652	0	0	0	16
422653	50	0	50	79
422654	19	0	19	24
422655	56	0	56	56
422656	19	0	19	22
422657	37	0	37	40
422658	0	0	0	28
422659	25	0	25	25
422660	26	0	26	26
422661	42	0	42	42
422662	30	0	30	36
422663	0	0	0	0
422664	0	0	0	0
SC Total	8740	1	8741	9943

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Source of data: ESRD Facility Survey (CMS-2744A) as recorded in CROWNWeb.

HD = Hemodialysis

PD = Peritoneal Dialysis

NOTE: This table may include data for some U.S. Department of Veterans Affairs (VA) facilities.

Table 5. Number of Transplants Performed in Network 6's Service Area, by Transplant Center and Donor Type and Number of Patients on Transplant Waiting List\* (January 1, 2016 - December 31, 2016)

Transplant Center CCN	Deceased Donor	Living Related Donor	Living Unrelated Donor	Unknown Donor Type	Total Transplants Performed	Patients on Transplant Waiting List
GA						
110010	196	59	29	0	284	2254
110034	48	13	3	0	64	1258
110083	106	45	12	0	163	1469
113300	16	11	2	0	29	30
GA Total	366	128	46	0	540	5011
NC						
340030	110	32	8	0	150	568
340047	145	11	9	0	165	600
340061	80	9	15	0	104	989
340113	89	11	5	0	105	382
349801	53	8	3	0	64	353
NC Total	477	71	40	0	588	2892
SC						
420004	159	22	5	0	186	1175
SC Total	159	22	5	0	186	1175

Source of data: CROWNWeb. Information on patients awaiting transplant comes from the ESRD Facility Survey completed by transplant centers (Form CMS-2744B).

NOTE: Cumulative total for January 1, 2016 – December 31, 2016. A patient who had more than one transplant during the calendar year is represented more than once in the table.

<sup>\*</sup>As of December 31, 2016.

Table 6. Renal Transplant\* Recipients in Network 6's Service Area, by Patient Characteristics (January 1, 2016 - December 31, 2016)

Network 6's Service Area	Transplant Recipients	Percent
Age Group		
<= 4 Years	9	0.7%
5-9 Years	9	0.7%
10-14 Years	19	1.4%
15-19 Years	19	1.4%
20-24 Years	18	1.4%
25-29 Years	58	4.4%
30-34 Years	83	6.3%
35-39 Years	102	7.8%
40-44 Years	143	10.9%
45-49 Years	155	11.8%
50-54 Years	159	12.1%
55-59 Years	173	13.2%
60-64 Years	171	13.0%
65-69 Years	128	9.8%
70-74 Years	59	4.5%
75-79 Years	5	0.4%
80-84 Years	1	0.1%
>= 85 Years	1	0.1%
Network-Level Total	1312	100.0%
Median Age	51	
Gender		
Female	518	39.5%
Male	794	60.5%
Network-Level Total	1312	100.0%
Ethnicity*		
Hispanic or Latino	64	4.9%
Not Hispanic or Latino	1205	91.8%
Not Specified	43	3.3%
Network-Level Total	1312	100.0%
Race*		
American Indian/Alaska Native	1	0.1%
Asian	28	2.1%
Black or African American	648	49.4%
Native Hawaiian or Other Pacific Islander	5	0.4%
White	586	44.7%
More Than One Race Reported	1	0.1%
Not Specified	43	3.3%
Network-Level Total	1312	100.0%
Primary Cause of ESRD**		
Diabetes	326	24.8%

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Network 6's Service Area	Transplant Recipients	Percent
Glomerulonephritis	188	14.3%
Secondary Glomerulonephritis/Vasculitis	56	4.3%
Interstitial Nephritis/Pyelonephritis	34	2.6%
Transplant Complications	1	0.1%
Hypertension/Large Vessel Disease	355	27.1%
Cystic/Hereditary/Congenital/Other Diseases	124	9.5%
Neoplasms/Tumors	39	3.0%
Disorders of Mineral Metabolism	0	0.0%
Genitourinary System	0	0.0%
Acute Kidney Failure	3	0.2%
Miscellaneous Conditions	84	6.4%
Not Specified	102	7.8%
Network-Level Total	1312	100.0%

Source of data: CROWNWeb.

## NOTES:

1. Data on "ethnicity" and "race" should be interpreted with caution because of the inherent instability of race/ethnicity data.

<sup>\*</sup>Data are shown for unduplicated patients. A patient who had more than one transplant during the calendar year is counted only once in the table.

<sup>\*\*</sup>Categories are from the CMS-2728 form.

Table 7. Deaths among Dialysis Patients in Network 6's Service Area, by Patient Characteristics (January 1, 2016 - December 31, 2016)

Network 6's Service Area	Number	Percent
Age Group		
<= 4 Years	3	0.0%
5-9 Years	1	0.0%
10-14 Years	2	0.0%
15-19 Years	1	0.0%
20-24 Years	13	0.2%
25-29 Years	43	0.6%
30-34 Years	75	1.0%
35-39 Years	95	1.2%
40-44 Years	195	2.5%
45-49 Years	316	4.1%
50-54 Years	527	6.8%
55-59 Years	714	9.2%
60-64 Years	1037	13.4%
65-69 Years	1223	15.8%
70-74 Years	1193	15.4%
75-79 Years	1038	13.4%
80-84 Years	745	9.6%
>= 85 Years	509	6.6%
Network-Level Total	7730	100.0%
Median Age	68	
Gender		
Female	3559	46.0%
Male	4171	54.0%
Network-Level Total	7730	100.0%
Ethnicity*		
Hispanic or Latino	116	1.5%
Not Hispanic or Latino	7606	98.4%
Not Specified	8	0.1%
Network-Level Total	7730	100.0%
Race*		
American Indian/Alaska Native	29	0.4%
Asian	60	0.8%
Black or African American	4067	52.6%
Native Hawaiian or Other Pacific Islander	16	0.2%
White	3548	45.9%
More Than One Race Reported	5	0.1%
Not Specified	5	0.1%
Network-Level Total	7730	100.0%
Primary Cause of ESRD*		
Diabetes	3571	46.2%

Network 6's Service Area	Number	Percent
Glomerulonephritis	362	4.7%
Secondary Glomerulonephritis/Vasculitis	113	1.5%
Interstitial Nephritis/Pyelonephritis	134	1.7%
Transplant Complications	4	0.1%
Hypertension/Large Vessel Disease	2605	33.7%
Cystic/Hereditary/Congenital/Other Diseases	110	1.4%
Neoplasms/Tumors	222	2.9%
Disorders of Mineral Metabolism	1	0.0%
Genitourinary System	8	0.1%
Acute Kidney Failure	44	0.6%
Miscellaneous Conditions	469	6.1%
Not Specified	87	1.1%
Network-Level Total	7730	100.0%
Primary Cause of Death**		
Cardiac	2963	38.3%
Endocrine	0	0.0%
Gastrointestinal	43	0.6%
Infection	546	7.1%
Liver Disease	53	0.7%
Metabolic	62	0.8%
Vascular	255	3.3%
Other	1523	19.7%
Unknown	1629	21.1%
Not Specified	656	8.5%
Network-Level Total	7730	100.0%

#### NOTES:

<sup>\*</sup>Categories are from the CMS-2728 form.

<sup>\*\*</sup>Categories are from the CMS-2746 form.

<sup>1.</sup> This table may include data on some patients who received dialysis services from U.S. Department of Veterans Affairs (VA) facilities.

<sup>2.</sup> Data on "ethnicity" and "race" should be interpreted with caution because of the inherent instability of race/ethnicity data.

Table 8a. Vocational Rehabilitation Status, Employment Status, and School Attendance of Prevalent Dialysis Patients Age 18–54 Years in Network 6's Service Area (as of December 31, 2016)

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
GA					
110038	26	0	0	1	0
110095	34	2	4	5	0
110104	27	0	0	4	0
110105	32	6	0	1	0
11029F	7	0	0	0	0
112321	20	0	1	1	0
112500	8	0	0	2	0
112501	31	1	0	8	0
112504	14	1	0	1	0
112505	42	0	0	3	0
112507	59	0	0	12	0
112508	48	1	0	7	1
112509	41	0	0	4	0
112510	40	1	0	16	0
112511	21	0	0	5	1
112513	26	5	0	3	0
112514	27	0	0	4	0
112515	20	0	0	2	1
112516	34	0	0	1	0
112517	43	1	0	10	0
112518	34	0	0	6	0
112519	9	0	0	0	0
112522	22	0	0	5	1
112523	43	0	0	6	0
112524	48	0	0	7	0
112526	26	0	0	5	0
112527	19	0	0	5	0
112528	24	0	0	3	0
112530	17	0	0	3	0
112531	33	0	1	3	1
112532	19	0	0	3	0
112533	12	0	0	2	0
112534	13	0	0	2	0
112535	35	0	0	1	0
112540	21	0	0	2	0
112541	13	1	0	1	2
112545	16	1	1	4	1
112546	18	0	0	0	0
112551	15	1	0	0	1

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
112553	15	1	1	1	0
112554	25	0	0	2	0
112555	16	0	0	3	0
112557	35	0	0	2	0
112558	14	0	0	2	0
112559	12	0	0	0	0
112561	26	1	0	6	0
112562	26	1	0	2	0
112563	21	0	0	4	1
112568	21	0	0	1	0
112569	35	1	0	13	0
112571	18	0	0	2	0
112572	3	0	0	1	0
112573	16	1	0	0	0
112574	12	0	0	0	0
112576	20	0	0	1	0
112578	15	0	0	8	0
112579	9	0	0	3	0
112581	17	0	0	3	0
112583	32	0	0	4	0
112585	7	0	0	0	0
112587	33	0	1	4	1
112588	22	0	0	7	0
112590 112591	23	0	0	2	1
112591	7	0	0	0	1 0
112595	25	0	0	11	1
112596	10	0	0	0	0
112598	5	0	0	0	0
112599	20	1	0	8	0
112600	43	0	0	4	0
112601	19	0	0	0	0
112602	22	0	0	2	0
112603	12	0	0	0	0
112608	16	0	0	1	1
112609	26	0	0	9	3
112610	13	0	0	1	0
112611	15	1	0	1	0
112612	3	0	0	1	0
112613	10	0	0	2	0
112615	18	0	0	0	0
112617	21	4	0	9	1
112619	10	0	0	4	0
112620	27	0	0	0	0

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
112621	23	3	0	2	1
112622	40	0	0	6	0
112624	9	0	0	1	0
112627	11	0	0	2	0
112628	18	0	0	2	0
112630	18	0	0	0	0
112631	13	0	0	4	0
112632	3	0	0	0	0
112633	27	0	0	1	0
112634	18	0	0	5	0
112636	24	0	0	3	0
112637	8	0	0	0	0
112638	14	0	0	1	0
112639	24	0	0	2	0
112640	18	1	0	1	0
112641	20	0	0	2	0
112643	16	0	0	0	2
112645	46	0	1	8	1
112646	35	0	1	13	2
112647	8	0	0	1	0
112648	16	0	0	2	0
112649	14	0	0	3	0
112651 112652	23	0	0	0	0
112655	28	0	0	2	0
112656	15	0	0	1	0
112657	32	0	0	10	0
112658	28	0	0	6	0
112659	46	3	1	15	1
112660	29	1	0	4	0
112661	4	0	0	1	0
112664	7	0	0	0	1
112667	15	0	0	3	0
112668	43	1	0	4	1
112669	22	0	0	1	0
112670	6	0	0	0	0
112671	20	1	0	0	0
112672	50	0	0	8	3
112674	15	0	0	0	0
112675	21	0	0	4	0
112676	19	0	0	3	0
112677	8	0	0	1	0
112679	11	0	0	3	0
112680	9	0	0	1	0

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
112681	9	0	0	2	0
112683	12	0	0	1	1
112685	15	0	0	0	0
112688	19	0	0	2	0
112689	24	0	1	1	0
112691	17	0	0	1	0
112692	30	1	0	3	0
112693	20	0	0	2	0
112694	20	0	1	1	1
112695	39	0	0	6	1
112696	21	3	0	2	0
112698	15	0	0	0	0
112699	17	0	0	0	0
112700	10	0	0	1	0
112702	34	0	0	2	0
112704	41	0	0	2	0
112705	39	0	2	0	2
112706	41	1	0	11	0
112707	17	0	0	3	0
112708	18	0	0	3	0
112709	7	0	0	0	0
112710	26 27	0	0	4	1
112711 112712	22	0	0	1	0
112712	33	0	0	<u>6</u> 5	0
112714	12	0	0	1	0
112716	7	0	0	0	0
112718	12	0	1	1	0
112719	18	0	0	1	0
112720	24	0	0	2	1
112721	20	1	0	7	1
112722	42	0	0	7	0
112723	10	0	0	0	0
112724	12	0	0	1	0
112725	7	0	0	1	0
112726	3	0	0	0	0
112727	21	0	0	3	1
112728	7	0	0	1	0
112729	25	0	0	1	0
112730	27	0	0	5	0
112732	15	0	0	2	0
112733	17	2	0	2	0
112734	16	0	0	3	0
112735	25	0	0	4	0

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
112737	19	0	0	3	0
112738	22	2	1	3	0
112741	9	0	0	1	0
112742	29	2	0	3	0
112743	14	0	0	3	0
112744	8	0	0	0	0
112745	29	0	0	5	0
112746	65	0	0	14	3
112748	3	0	0	1	0
112749	39	0	0	2	0
112750	26	1	0	5	0
112751	11	0	0	1	0
112752	28	0	0	2	0
112753	28	2	0	13	0
112754	20	0	1	0	2
112755	19	0	0	3	0
112758	42	1	1	10	2
112759 112760	29 29	0	0	7	0 2
112760	38	0	2	6	1
112761	31	0	0	6	0
112763	18	1	0	12	0
112765	23	0	0	2	0
112766	24	0	0	4	0
112767	9	0	0	5	0
112768	23	0	0	3	0
112769	10	0	0	0	0
112770	18	0	2	1	0
112771	33	0	0	1	0
112772	21	0	0	5	0
112773	23	0	0	4	0
112774	23	0	0	7	0
112775	37	0	0	4	1
112776	5	0	0	0	0
112777	28	1	0	6	0
112778	45	0	0	13	1
112779	27	1	0	10	0
112781	22	0	1	5	1
112782	15	0	0	7	0
112783	15	0	0	4	0
112784	26	1	0	9	0
112785	32	0	0	11	0
112786	10	0	0	2	0
112788	34	13	0	11	1

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
112789	20	0	0	1	0
112790	10	0	0	0	0
112791	11	0	0	1	0
112792	9	0	0	1	0
112793	18	0	0	2	0
112794	18	1	0	0	0
112795	4	0	1	1	0
112796	18	0	0	1	0
112797	28	0	0	6	0
112798	27	0	0	5	0
112799	7	0	0	0	0
112800	17	2	0	2	0
112801	46	0	0	13	0
112802	6	0	0	2	0
112803	25	0	1	7	1
112804	1	0	0	0	0
112806	37	0	0	7	0
112807	22	0	0	4	0
112809	4	0	0	3	0
112810	35	0	0	9	0
112811	7	0	0	3	1
112813	37	0	0	5	0
112814	5	0	0	0	0
112815	12	0	0	4	0
112816	16	0	0	1	9
112817	9	0	0	0	0
112818 112819		0	0	0	0
112819	10 19	3	1	5	1
112821	23	2	0	4	0
112822	11	0	0	2	0
112823	53	0	0	4	1
112824	169	7	2	56	8
112825	10	1	0	4	0
112826	57	1	1	2	1
112827	15	0	0	5	0
112828	32	0	0	6	0
112829	31	0	0	8	0
112830	19	0	0	3	0
112831	20	0	0	5	0
112832	28	0	0	5	0
112833	22	0	0	2	0
112834	11	1	0	0	0
112835	18	0	0	5	0

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
112836	29	1	0	6	0
112837	12	1	0	2	0
112838	12	0	0	0	0
112839	9	0	0	6	0
112840	13	0	1	0	2
112841	22	0	0	2	0
112842	11	1	0	1	0
112843	3	0	0	1	0
112844	22	0	0	4	0
112845	19	0	0	7	0
112846	8	1	0	1	1
112847	6	1	0	0	0
112848	5	0	0	0	0
112849	28	2	0	2	0
112850	18	0	0	7	0
112851	17	0	0	12	0
112852	22	0	0	0	0
112853	17	1	0	2	0
112854	14	0	0	0	0
112855	16	0	0	1	0
112857	5	0	0	2	0
112858 112859	26 17	0	0	3	0
112861	18	0	0	3	0
112862	15	0	0	5	0
112863	18	3	0	5	1
112864	10	0	0	3	0
112865	25	1	1	7	2
112866	13	0	0	6	0
112867	17	0	0	1	0
112868	1	0	0	0	0
112869	21	0	0	6	1
112870	16	0	0	6	0
112871	14	0	0	3	0
112872	4	0	0	1	0
112874	18	0	0	4	0
112875	31	0	0	8	0
112876	7	1	0	1	1
112877	20	0	0	7	0
112878	12	0	0	1	0
112879	14	1	0	2	0
112880	8	0	0	4	1
112881	8	0	0	2	0
112882	13	0	0	2	0

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
112883	13	0	0	2	0
112884	7	0	0	4	1
112885	10	0	0	1	2
112886	21	0	0	5	0
112887	11	0	0	3	0
112888	7	0	0	0	0
112889	15	0	0	2	0
112890	15	2	0	5	1
112891	15	0	0	3	0
112892	10	0	0	1	0
112893	5	0	0	0	0
112894	3	1	0	1	0
112895	46	0	0	7	1
112896	14	0	0	9	0
112897	13	0	0	3	0
112898	12	0	0	1	0
112899	20	0	0	0	1
113500	9	0	0	0	0
113501	17	0	0	1	0
113502	17	0	0	1	0
113504	13	0	0	0	0
852500	21	1	0	5	1
852501	11 5	0	0	1	0
852502 852503	33	0	0	0	0
852504	15	0	0	2	0
852505	13	0	0	1	0
852506	11	0	0	1	0
852507	19	0	0	3	0
852508	4	0	0	0	0
852509	6	0	0	1	0
852510	5	0	0	1	0
852511	5	0	0	0	0
852512	9	0	0	1	0
852513	10	0	0	1	0
852514	2	1	0	0	0
852516	2	0	0	0	0
852517	2	0	0	0	0
852518	1	0	0	0	0
852519	2	0	0	1	0
852520	1	0	0	0	0
GA Total	6802	112	33	1120	93
NC					
340053	1	0	0	0	0

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
340064	11	0	0	1	0
340113	3	0	0	0	0
34012F	8	0	0	1	0
34013F	4	0	0	0	0
34014F	8	0	0	2	1
342502	79	0	0	9	0
342503	101	3	0	50	7
342504	96	1	0	23	0
342505	101	10	6	14	5
342506	64	0	0	11	0
342507	57	0	0	11	0
342509	35	0	0	3	0
342510 342511	85	0	0	19	0
342511	69	0	0	17	0
342512	77 75	0	0	14 19	0
342513	59	6	0	19	0
342515	34	0	0	6	0
342516	44	0	0	3	0
342517	33	0	0	3	0
342518	31	1	0	5	0
342520	20	0	0	1	0
342521	11	0	0	1	0
342522	90	0	0	24	0
342523	23	0	0	8	0
342524	35	0	0	7	0
342525	33	0	0	6	0
342526	38	0	0	9	0
342527	24	0	2	8	0
342528	52	1	0	8	0
342529	25	0	0	2	0
342531 342532	44	0	0	12	0
342532	26 29	1	0	5	1 0
342534	12	0	0	2	0
342535	14	0	0	0	0
342536	22	0	1	3	0
342537	44	0	0	5	0
342538	29	0	0	0	0
342539	23	0	0	2	0
342540	24	0	0	1	0
342541	18	0	0	1	0
342542	41	1	0	7	0
342543	35	0	3	9	0

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
342544	28	0	0	4	0
342545	10	0	0	0	0
342546	45	0	0	7	0
342547	16	0	0	0	0
342548	44	5	0	6	0
342549	62	3	1	14	3
342550	34	0	0	2	0
342551	27	1	0	2	0
342552	32	0	1	5	2
342553	41	3	0	4	0
342554	34	0	0	6	0
342555	34	0	0	6	0
342556	24	0	0	7	0
342557	35	0	0	1	0
342558	14	0	0	4	0
342559	22	0	0	3	0
342560	13	0	0	0	0
342561	33	0	0	1	0
342562	36	6	4	8	2
342563	38	0	0	2	0
342564 342565	23 31	0	0	0	0
342566	31	0	0	4	0
342567	36	1	0	8	0
342568	21	0	0	1	0
342569	39	5	0	5	1
342570	29	0	0	4	0
342571	23	0	0	0	0
342572	36	0	0	4	0
342573	15	0	0	3	0
342576	22	1	0	3	1
342577	34	0	0	1	0
342578	27	0	0	1	0
342579	31	0	0	1	0
342581	28	0	0	2	0
342582	12	0	0	2	0
342583	17	0	0	4	0
342584	14	0	0	2	0
342585	34	0	0	10	1
342586	11	0	0	2	0
342587	21	2	0	3	0
342588	13	0	0	0	0
342589	26	0	0	3	0
342590	22	0	0	7	0

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
342591	58	1	1	10	2
342592	44	1	0	6	1
342593	52	0	0	5	1
342594	43	0	0	6	0
342595	14	0	0	1	0
342596	70	0	0	12	0
342597	11	0	0	0	0
342598	6	0	0	0	0
342599	34	0	2	2	0
342600	44	0	0	2	0
342601	37	0	0	2	0
342602	19	0	0	1	0
342603	43	0	0	3	1
342604	10	0	0	1	0
342605	35	0	0	4	0
342606	21	0	0	4	0
342607	22	0	0	3	0
342608	40	0	0	7	0
342609	23	0	0	3	0
342610 342611	6	0	0	1	0
342612	50	2	0	9	1
342613	31	0	1	5	2
342614	12	0	0	0	0
342615	37	0	0	5	0
342616	61	1	0	13	0
342617	6	0	0	0	0
342618	10	0	0	0	0
342619	14	0	0	2	0
342620	57	6	2	9	7
342621	22	0	0	2	0
342622	53	7	2	18	3
342623	18	0	0	4	0
342625	4	0	0	0	0
342627	77	0	0	17	1
342628	12	0	0	0	0
342629	11	0	0	4	0
342630	8	0	0	1	0
342631	24	0	0	8	2
342632	16	0	0	0	0
342633	15	0	0	0	0
342634	51	0	0	5	0
342635	26	0	0	2	0
342636	12	0	0	3	0

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
342637	19	1	0	1	0
342638	11	0	0	1	0
342639	28	1	0	3	1
342640	28	0	0	3	0
342641	20	0	0	2	0
342642	36	0	0	7	0
342643	47	0	0	6	1
342644	9	0	0	1	0
342645	20	0	0	1	0
342646	61	0	0	10	0
342647	20	0	0	3	0
342648	12	0	0	2	0
342649	5	0	0	1	0
342650	15	0	0	0	0
342651	6	0	0	1	0
342652	19	0	0	1	0
342653	19	0	1	2	0
342654	3	0	0	3	0
342655	9	0	0	0	0
342656 342657	1 6	0	0	1	0
342658	15	0	0	1	0
342659	20	0	0	4	0
342660	2	0	0	0	0
342661	8	0	0	0	0
342662	15	0	0	1	0
342663	33	2	0	5	0
342664	6	0	0	0	0
342665	19	0	0	4	1
342666	13	0	0	4	1
342667	43	5	1	8	2
342668	4	0	0	2	0
342669	7	0	0	2	0
342670	30	0	0	12	0
342671	25	0	0	2	0
342672	14	0	0	3	0
342673	15	0	0	3	0
342674	11	0	0	2	1
342675	31	0	0	11	0
342676	22	0	0	4	0
342677	12	1	0	1	0
342678	28	0	0	8	0
342679	8	0	0	0	0
342680	21	0	0	5	0

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
342681	25	0	0	6	0
342682	10	0	0	0	0
342683	18	0	0	5	0
342684	13	0	0	0	0
342685	40	0	0	4	0
342686	22	0	0	1	0
342687	9	0	0	1	0
342688	5	0	0	1	0
342689	5	0	0	1	0
342690	14	0	0	0	1
342691	28	0	0	4	0
342692	14	0	0	1	0
342693	9	0	0	2	0
342694	11	1	0	2	0
342695	26	0	0	8	0
342696	8	0	0	6	0
342697	9	0	0	2	1
342698	7	0	0	1	0
342699	13	0	0	5	0
342700	27	0	1	5	1
342701	12	0	0	1	0
342702	12	0	0	3	0
342703 342704	30	0	0	<u> </u>	0
342704	20 7	0	0		0
342703	4	0	0	1	0
342700	12	0	0	6	0
342707	19	0	0	1	0
342709	13	0	0	2	0
342710	25	0	0	4	0
342711	2	0	0	0	0
342713	5	0	0	1	0
342715	1	0	0	0	0
343504	33	0	0	8	1
NC Total	5562	82	30	905	57
SC					
42011F	4	0	0	0	0
42029F	2	0	0	0	0
422503	41	0	0	1	0
422504	47	1	0	7	1
422505	38	0	0	4	0
422506	21	0	0	2	0
422508	32	0	1	9	1
422509	24	0	0	1	0

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
422510	51	0	0	8	0
422511	29	1	0	2	0
422512	17	0	0	0	0
422513	25	0	0	4	0
422514	34	0	0	5	0
422515	55	0	0	7	0
422516	20	0	0	3	0
422517	22	0	0	2	0
422518	13	0	0	0	0
422519	24	0	0	1	0
422520	31	0	0	2	0
422521	24	0	0	3	0
422522	56	0	0	7	0
422524	17	0	0	0	0
422527 422528	13 37	0	0	1	0
422528	32	1	0	2	0
422530	19	0	0	1	0
422531	16	0	0	0	0
422532	20	0	0	0	0
422533	22	0	0	1	0
422534	15	0	0	0	0
422535	12	0	0	0	0
422536	6	0	0	0	0
422537	16	0	0	0	0
422538	53	0	0	17	0
422539	10	0	0	2	0
422540	54	0	0	16	0
422541	12	0	0	0	0
422542	18	0	0	5	0
422543	16	0	1	2	0
422545	29	0	0	1	0
422546 422547	52	0	0	12	0
422547	18 6	0	0	0	0
422549	35	0	0	3	0
422549	24	1	0	1	2
422552	12	0	0	0	0
422553	33	0	0	1	0
422556	16	1	0	2	0
422557	24	0	0	4	0
422560	23	0	0	3	0
422563	23	1	0	5	0
422564	24	0	0	1	0

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
422565	18	0	0	4	0
422566	17	0	0	2	0
422567	20	2	0	4	1
422568	14	0	0	0	0
422569	15	0	0	1	0
422570	19	0	0	5	0
422571	8	0	0	1	0
422572	23	0	0	1	0
422573	8	0	0	0	0
422574	76	0	0	14	0
422575	42	1	0	10	0
422576	27 4	0	0	0	0
422577 422578	22	0	0	0	0
422578	19	0	0	1	0
422580	11	0	0	0	0
422581	12	1	0	1	0
422582	26	0	0	8	1
422584	17	0	0	3	0
422585	26	0	0	4	0
422586	33	0	0	0	0
422587	33	0	0	9	0
422589	29	1	0	4	0
422590	17	4	0	3	0
422591	44	0	0	12	1
422592	17	0	0	2	1
422593	9	0	0	1	0
422594	19	0	0	4	0
422596	20	0	2	3	1
422597	9	0	0	0	0
422598	13	1	0	<u>2</u>	1
422599 422600	11 11	0	0	0	0
422600	17	0	0	3	0
422602	7	0	0	0	0
422603	12	0	0	1	0
422604	17	0	0	0	0
422605	10	0	0	1	0
422606	12	0	0	3	0
422607	28	0	0	3	0
422608	13	0	0	4	1
422609	14	0	1	0	1
422610	11	0	0	5	0
422611	16	0	0	1	0

Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
422612	16	1	0	2	0
422613	22	0	1	4	0
422614	20	0	0	0	0
422615	15	0	0	3	0
422616	8	0	0	1	0
422617	16	0	0	2	0
422618	12	0	0	3	0
422619	18	0	0	1	0
422620	15	0	0	2	0
422621	20	1	0	3	0
422622	8	0	0	2	0
422623	22	1	0	3	0
422624	9	0	0	2	0
422625	17	1	0	2	0
422626	8	0	0	1	0
422627	45	0	0	13	0
422628 422629	19	0	0	7	0
422629	22 11	0	0	2	0
422631	17	0	0	3	0
422632	11	0	0	1	0
422633	25	0	1	11	1
422634	37	0	1	13	0
422635	14	0	0	4	0
422636	33	0	0	10	1
422637	42	1	0	8	0
422638	11	1	0	5	0
422639	7	0	0	0	0
422640	19	0	0	5	0
422641	14	0	0	1	0
422642	13	0	0	1	0
422644	13	0	1	3	1
422645	12	0	0	3	0
422646	28	0	0	3	0
422647	15	1	0	6	0
422648 422649	8	0	0	3	0
422649	8 19	0	0	5	0
422651	20	0	0	3	0
422652	12	0	0	5	0
422653	19	0	1	3	1
422654	5	1	0	0	0
422655	17	0	0	1	0
422656	10	0	0	2	0

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Facility CCN	Aged 18 through 54	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Employed Full- Time or Part- Time	Attending School Full-Time or Part- Time
422657	12	0	0	1	0
422658	15	0	0	4	0
422659	10	0	0	1	0
422660	8	0	0	0	0
422661	13	0	0	1	0
422662	13	0	0	3	0
422663	4	0	0	0	0
SC Total	2990	24	10	441	16

Source of data: CROWNWeb. Voc Rehab = Vocational Rehabilitation

Table 8b. Vocational Rehabilitation Status, Employment Status, and School Attendance of Prevalent Dialysis Patients Age 18–54 Years in Network 6's Service Area (as of December 31, 2016)

Category	Referred to Voc Rehab Services	Receiving Voc Rehab Services	Completed Voc Rehab Services	Not Eligible for Voc Rehab Services	Declined Voc Rehab Services	No Voc Rehab Status
Employed Full-Time						
Attending School Full Time	0	1	0	1	1	1
Attending School Part-Time	0	1	1	0	2	2
Not Attending School	9	2	0	53	207	87
School Status Not Specified	1	0	1	8	13	1476
Employed Part-Time						
Attending School Full-Time	0	1	0	1	2	3
Attending School Part-Time	3	1	2	0	3	5
Not Attending School	11	7	2	14	92	35
School Status Not Specified	5	3	3	1	8	397
Employment Status Not Specified						
Attending School Full-Time	0	1	0	0	0	1
Attending School Part-Time	0	0	1	0	1	2
Not Attending School	0	1	0	0	4	15
School Status Not Specified	11	4	0	4	5	3797
Homemaker						
Attending School Full-Time	0	0	0	0	0	0
Attending School Part-Time	0	0	0	0	0	0
Not Attending School	2	0	0	3	14	7
School Status Not Specified	1	0	0	0	1	67
Retired*						
Attending School Full-Time	1	0	0	0	0	0
Attending School Part-Time	1	1	0	0	7	0
Not Attending School	48	10	6	52	542	116
School Status Not Specified	4	2	1	12	84	2108
Medical Leave of Absence						
Attending School Full-Time	0	0	0	0	0	0
Attending School Part-Time	0	1	0	0	1	0
Not Attending School	2	0	0	12	67	39
School Status Not Specified	0	0	0	1	4	468
Other**						
Attending School Full-Time	6	19	0	8	15	38
Attending School Part-Time	5	4	1	0	9	12
Not Attending School	86	10	7	96	552	426
School Status Not Specified	22	4	1	8	23	4004

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<sup>\*</sup>Retired due to preference or disability.

<sup>\*\*</sup>Other = Employment Status of Student or Unemployed Voc Rehab = Vocational Rehabilitation

Table 9a. Incident ESRD Patients in Network 6's Service Area, by Ethnicity and Race (January 1, 2016 - December 31, 2016)

Ethnicity* Category	Race* Category	Number	Percent
Hispanic or Latino	American Indian/Alaska Native	1	0.3%
	Asian	6	1.8%
	Black or African American	21	6.2%
	Native Hawaiian or Other Pacific Islander	15	4.4%
	White	298	87.4%
	More Than One Race Reported	0	0.0%
	Total	341	100.0%
Not Hispanic or Latino	American Indian/Alaska Native	56	0.5%
	Asian	124	1.2%
	Black or African American	5340	51.1%
	Native Hawaiian or Other Pacific Islander	24	0.2%
	White	4900	46.8%
	More Than One Race Reported	15	0.1%
	Total	10459	100.0%
Ethnicity Not Specified	American Indian/Alaska Native	0	0.0%
	Asian	0	0.0%
	Black or African American	0	0.0%
	Native Hawaiian or Other Pacific Islander	0	0.0%
	White	0	0.0%
	More Than One Race Reported	0	0.0%
	Not Specified	58	100.0%
	Total	58	100.0%
	Total: Incident ESRD Patients	10858	

#### NOTES:

- 1. This table includes data on dialysis and transplant patients whose initial "Admit Date" in CROWNWeb was within the calendar year. Excludes patients with a "Discharge Reason" of acute kidney failure.
- 2. This table may include data on some patients receiving dialysis services from U.S. Department of Veterans Affairs (VA) facilities.
- 3. Data on "ethnicity" and "race" should be interpreted with caution because of the inherent instability of race/ethnicity data.

<sup>\*</sup>Categories are from the CMS-2728 form.

Table 9b. Prevalent Dialysis Patients in Network 6's Service Area, by Ethnicity and Race (January 1, 2016 - December 31, 2016)

Ethnicity* Category	Race* Category	Number	Percent
Hispanic or Latino	American Indian/Alaska Native	8	0.5%
	Asian	12	0.8%
	Black or African American	80	5.1%
	Native Hawaiian or Other Pacific Islander	66	4.2%
	White	1409	89.2%
	More Than One Race Reported	5	0.3%
	Total	1580	100.0%
Not Hispanic or Latino	American Indian/Alaska Native	205	0.4%
	Asian	543	1.2%
	Black or African American	30750	66.5%
	Native Hawaiian or Other Pacific Islander	102	0.2%
	White	14570	31.5%
	More Than One Race Reported	54	0.1%
	Total	46224	100.0%
Ethnicity Not Specified	American Indian/Alaska Native	0	0.0%
	Asian	0	0.0%
	Black or African American	5	15.2%
	Native Hawaiian or Other Pacific Islander	0	0.0%
	White	1	3.0%
	More Than One Race Reported	0	0.0%
	Not Specified	27	81.8%
	Total	33	100.0%
	Total: Prevalent ESRD Patients	47837	

#### NOTES:

- 1. This table includes data on all patients identified in CROWNWeb as alive and receiving dialysis services as of December 31 of the calendar year.
- 2. This table may include data on some patients receiving dialysis services from U.S. Department of Veterans Affairs (VA) facilities.
- 3. Data on "ethnicity" and "race" should be interpreted with caution because of the inherent instability of race/ethnicity data.

<sup>\*</sup>Categories are from the CMS-2728 form.

Table 9c. Renal Transplant Recipients\* in Network 6's Service Area, by Ethnicity and Race (January 1, 2016 - December 31, 2016)

Ethnicity** Category	Race** Category	Number	Percent
Hispanic or Latino	American Indian/Alaska Native	0	0.0%
	Asian	2	3.1%
	Black or African American	2	3.1%
	Native Hawaiian or Other Pacific Islander	2	3.1%
	White	58	90.6%
	More Than One Race Reported	0	0.0%
	Total	64	100.0%
Not Hispanic or Latino	American Indian/Alaska Native	1	0.1%
	Asian	26	2.2%
	Black or African American	646	53.6%
	Native Hawaiian or Other Pacific Islander	3	0.2%
	White	528	43.8%
	More Than One Race Reported	1	0.1%
	Total	1205	100.0%
<b>Ethnicity Not Specified</b>	American Indian/Alaska Native	0	0.0%
	Asian	0	0.0%
	Black or African American	0	0.0%
	Native Hawaiian or Other Pacific Islander	0	0.0%
	White	0	0.0%
	More Than One Race Reported	0	0.0%
	Not Specified	43	100.0%
	Total	43	100.0%
	Total: Transplant ESRD Patients	1312	

### NOTES:

1. Data on "ethnicity" and "race" should be interpreted with caution because of the inherent instability of race/ethnicity data.

<sup>\*</sup>Data are shown for unduplicated patients. A patient who had more than one transplant during the calendar year is counted only once in the table.

<sup>\*\*</sup>Categories are from the CMS-2728 form.