



ESRD Network 3

# 2016 ANNUAL REPORT

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Quality  
Insights

Renal Network 3

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## REPORT HIGHLIGHTS

Quality Insights Renal Network 3 is pleased to present its 2016 Annual Report.

Network 3 serves dialysis and transplant providers and patients in New Jersey, Puerto Rico, and the U.S. Virgin Islands. In 2009, Quality Insights Renal Network 3 merged with the West Virginia Medical Institute & Quality Insights (now just Quality Insights). Quality Insights holds the Medicare Quality Improvement Network-Quality Improvement Organization (QIN-QIO) contracts for Delaware, Louisiana, New Jersey, Pennsylvania, and West Virginia. QIN-QIOs are organizations that contract with the Centers for Medicare & Medicaid Services (CMS) to improve the quality of care for patients in various settings, including hospitals and nursing homes.

This relationship has given us immediate access to experts in the areas of quality improvement, human resources, finance, data analytics, and information technology. More important, it has provided us with access to entities such as primary care hospitals, infection control specialists, and other non-ESRD partners to address transitions of care and coordinate to improve the lives of patients in our geographic area.

In 2016, we began work on the first year of a five-year End-Stage Renal Disease (ESRD) Network contract based on the Centers for Medicare & Medicaid Services' (CMS') three Aims for the ESRD Network Program: Better Care for the Individual through Beneficiary and Family Centered Care (Aim 1), Better Health for the ESRD Population (Aim 2), and Reduced Costs of ESRD Care by Improving Care (Aim 3).

### **Notable achievements in 2016:**

- We conducted a project to increase the percent of in-center dialysis patients who are referred for home dialysis. This project was also designed to reduce a disparity in the percent of African American patients who are referred as compared to White patients. At the conclusion of the project, referral rates had increased from 9.3% to 17.2% of patients in 12 targeted facilities. The disparity in referral rates had been reduced from a 5.6 point difference to a 3.4 point difference.
- Continuing our efforts to reduce bloodstream infections (BSIs) in our dialysis facilities, we conducted a project focused on 40 facilities. This project promoted the CDC's prevention process measures. This project resulted in the aggregate BSI rate in targeted facilities being reduced by 25.7%.

We hope you find this year's Annual Report useful and look forward to hearing about any potential improvements or partnership opportunities. We are also looking forward to working with you, our valued partners, in the coming year to improve the health of the people we serve.

## 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 and 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 healthcare 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.

## ESRD Network 3

According to the Census Bureau (<http://factfinder2.census.gov>), the three geographic areas served by Network 3 had a combined population of 12.44 million people as of July 1, 2016. While these three areas are geographically small in size, New Jersey (NJ) is the most densely populated state (1,195.5/sq. mi) in the country and, if Puerto Rico (PR) were a state, it would be the second most densely populated (1,162/sq. mi).<sup>1</sup> US territories are often assumed to have small populations, but it is important to note that Puerto Rico had a sizable population (3.4 million) and had 5,924 patients receiving dialysis as of December 31, 2016. This number of patients was more than the dialysis patient population of 27 states, including large states such as Kentucky, Oklahoma, Colorado and Arizona.

These dense populations create challenges for providing dialysis to patients, as there is a greater than average number of patients per dialysis unit in these areas. New Jersey treated an average of 75.9 patients in each dialysis unit in 2016, and Puerto Rico treated an average of 114 patients in each unit, compared to an average of 66.9 nationwide. The U.S. Virgin Islands (USVI) treated an average of 45 patients in each of its five dialysis units in 2016.<sup>2</sup>

The epidemic of diabetes in Puerto Rico continues to be the leading cause of end-stage renal disease (ESRD) in this area. Among incident (new) ESRD patients in Puerto Rico in 2016, the primary cause of ESRD was listed as diabetes for 66.1%, and diabetes was reported as the primary cause in 63% of prevalent patients as of December 31, 2016. By comparison, in New Jersey, diabetes was reported as the primary cause of ESRD in 40.7% of incident patients and 41.1% of prevalent patients.

See Table 1 in the Data Tables section of this report for a complete analysis of the incident ESRD population by age, gender, race, and primary diagnosis. Table 2 in the Data Tables section provides a complete analysis of the prevalent ESRD population for 2016.

### Mortality

The primary cause of death reported in 2016 in Network 3's service area continued to be cardiac-related (44.4% of deaths). While infection was the second most common cause, reported in 12.7% of the 3,869 deaths reported, our Healthcare Associated Infection (HAI) reduction projects contributed to a decline in the proportion of deaths attributed to infections. In 2011, before our interventions began, infection was cited as the primary cause of death in 18.9% of deaths reported.

See Table 7 in the Data Tables section for a complete analysis of the mortality data for ESRD patients, stratified by age, gender, race, primary cause of ESRD, and cause of death.

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<sup>1</sup> State Population - Rank, Percent Change, and Population Density: 1980-2010. (n.d.). In Statistical Abstract of the United States:2012 (Tables 14 and 1332). U.S. Census Bureau.

<sup>2</sup> Patient and Staff Counts from the Annual Facility Survey, 2017 Dialysis Facility Report, Table 1, University of Michigan Epidemiology and Cost Center

**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 | 222    |
| Number of Transplant Centers in the Network's Service Area  | 6      |

Source of data: CROWNWeb.

**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**

| Category   | Number | Percent |
|--|--------|---------|
| Number of Dialysis Facilities in the Network's Service Area                                    | 222    |         |
| Dialysis Facilities in the Network's Service Area Offering Dialysis Shifts Starting after 5 PM | 70     | 31.5    |

Source of data: CROWNWeb.

## 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:
  - 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
  - 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.

Quality Insights Renal Network 3 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 |
|---|--------|---------|
| <b>Incident (New) ESRD Patients</b>   |        |         |
| Number of Incident ESRD Patients, Calendar Year 2016  | 5,211  |         |
| <b>Prevalent Dialysis Patients</b>  |        |         |
| Number of Prevalent Dialysis Patients as of December 31, 2016   | 20,190 |         |
| Treatment Modality of Prevalent Dialysis Patients as of December 31, 2015   |        |         |
| In-Center Hemodialysis or Peritoneal Dialysis   | 18,672 | 92.5%   |
| In-Home Hemodialysis or Peritoneal Dialysis   | 1,518  | 7.5%    |
| Total   | 20,190 | 100%    |
| <b>Vascular Access Type at Latest Treatment among Prevalent In-Center and In-Home Hemodialysis Patients as of December 31, 2016</b> |        |         |
| Arteriovenous Fistula in Use  | 11,081 | 60.3%   |
| Arteriovenous Graft in Use  | 3,303  | 18.0%   |
| Catheter in Use for 90 Days or Longer   | 2,421  | 13.2%   |
| Other   | 1,565  | 8.5%    |
| Total   | 18,370 | 100.0%  |
| <b>Renal Transplants</b>  |        |         |
| Number of Renal Transplant Recipients,* Calendar Year 2016  | 553    |         |
| Total   | 553    | 100%    |

Source of data: CROWNWeb.

\*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 New Jersey, Puerto Rico, and the U.S. Virgin Islands.

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 the Network service area
- 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

### Population Health Innovation Project: Increasing Home Dialysis Referrals

In 2016, Network 3 conducted a population health innovation project to increase referrals to home dialysis. The Network chose this option after exploring whether facilities with lower scores on the In-Center Hemodialysis Consumer Assessment of Healthcare Providers and Systems (ICH-CAHPS) question #39 would refer patients less often for home dialysis modalities than facilities with higher scores. Question #39 asked patients if the dialysis staff had discussed peritoneal dialysis with them in the previous six months.

Theorizing that a lower score on that particular question would reflect lower rates of home referrals in those facilities, we performed an environmental scan to collect baseline referral rates from the facilities with the lowest scores on the question. Census lists were distributed to each dialysis center, and a facility home dialysis staff member was asked to indicate which patients had been referred for a home modality. Results identified 12 facilities in which fewer than 25% of eligible patients had been referred for home dialysis. Rates ranged from 2% to 21%. Further analysis of data showed that African American patients were less likely to be referred for home dialysis than white patients in the 12 facilities. In the 12 target facilities, 13.2% of White patients had been referred for home dialysis, while only 5.7% of African American patients had been referred.



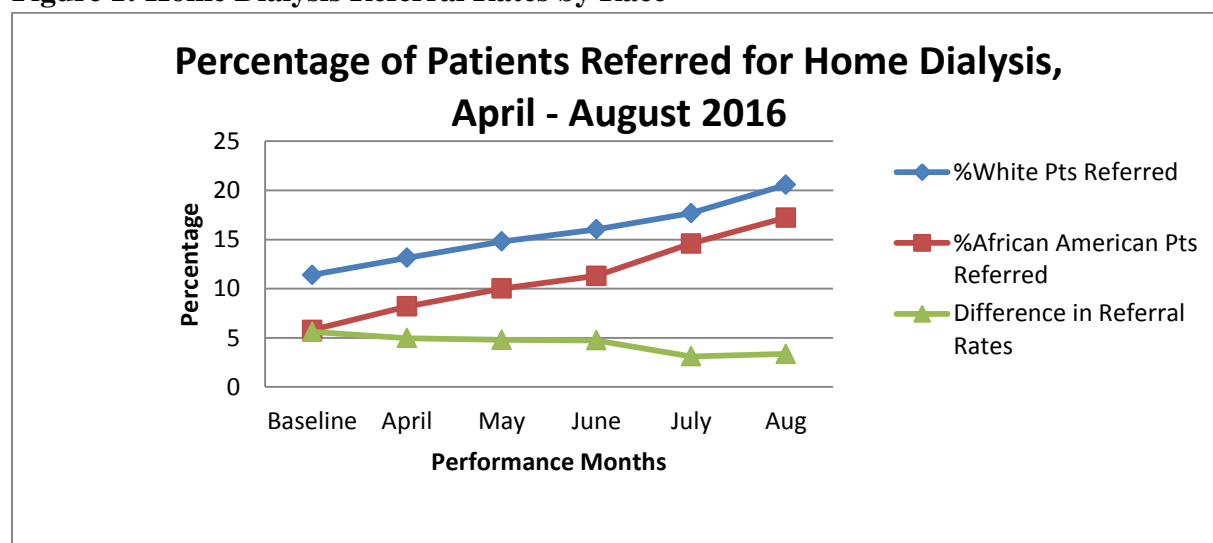
We also discovered that referral rates varied widely among facilities. The availability of a home dialysis support program onsite seemed to increase the likelihood that an interested patient would be evaluated for home dialysis.

Recognizing these challenges, we employed the following interventions to increase home referral rates and reduce the identified disparity:

- Interdisciplinary Team Review of patient census by each facility to assess patient eligibility for home dialysis and identify candidates to approach and refer
- Identification of qualified home dialysis training staff who would meet with patients for the initial home dialysis session
- Use of an individualized approach by facility staff to engage each eligible prevalent and new patient in a discussion about their perceived barriers to home dialysis followed by encouragement of patients to attend a session with qualified home dialysis staff
- Education of project facilities about home dialysis and disparities in healthcare and reinforcement during facility contact on providing opportunities for all patients to explore home options equally
- Two educational webinars for facility staff about home dialysis
- Monthly reporting of referrals
- Analysis of referral data for improvement in rate and decrease in disparity.
- Prompt intervention with facilities failing to improve in order to analyze the situation and to identify opportunities and resources for referrals
- Facility visits and coaching calls as needed

Outcomes of the project are depicted in the following chart:

**Figure 1: Home Dialysis Referral Rates by Race**



Source: National Coordinating Center (NCC) Working Databases for patient races; facility self-reported data for number of referrals. Baseline was the second and third quarter of 2015.

In addition to meeting the project goals for increasing home referrals and decreasing the African American/White disparity we incorporated six attributes into the project and achieved positive outcomes.

### **Rapid Cycle Improvement**

We analyzed data reported by facilities monthly both for improvement in referral rate and decrease in disparity. We promptly intervened with facilities reporting no referrals, or fewer referrals of African American patients as compared to White patients by notifying home program leadership, by conducting coaching calls to review the census, and/or by making facility visits. We involved home program leadership, who provided more resources to those facilities. This resulted in a total of 26 patients being referred from two facilities that had demonstrated little or no referral activity in the first two months.

### **Customer Focus and Value**

We consulted home program managers and staff, facility staff, and patient Subject Matter Experts (SMEs) in the planning phase of the project to analyze root causes, suggest interventions, and provide feedback during the project. The project's innovation, an educational module for facility staff about home dialysis, was distributed to project facilities, SMEs, and home staff for feedback.

### **Sustainability**

We partnered with home dialysis staff members, home dialysis program leadership, and other stakeholders to create the home dialysis educational module to provide an enduring web-based source of education and resources to educate facility staff about home dialysis modalities. We also developed a tracking tool that was trialed during the project and included in the module. The goal was to simplify tracking of patient education and referrals. During the final conference call eight facilities said they planned to continue the changes made in their facility referral process and to use the tracking tools after the project ended. Five facilities reported they incorporated discussion of home dialysis referrals into their monthly Quality Improvement (QI) meetings.

### **Innovation**

We collaborated with Network 4, Network 14, and stakeholders to create a home dialysis educational module for use by patient care personnel. The module was accepted for the 2017 project year by the 5 Diamond Patient Safety Program, which is Web-based and endorsed by ANNA, RPA, NRAA, DCI, AAKP, Fresenius Medical Care, and US Renal Care. DCI and

Fresenius mandate their facilities to participate in the 5 Diamond program annually.

### **Boundarilessness**

We partnered with a patient advocate and educational partner, Dori Schatell of Medical Education Institute (MEI). MEI promotes home modalities, supports education for patients and staff, and has developed many Web-based educational tools. This partnership provided a webinar for facilities with contact hour credit and utilized Ms. Schatell's expertise in the creation of the 5 Diamond module.

### **Ultimate Teamwork**

We met this attribute by seeking out opportunities to partner and share ideas with other Networks, Patient SMEs, facilities, home dialysis training staff, and home dialysis program managers. We met with SMEs and home program personnel during project development and periodically during the project. The idea for the individual approach/re-approach referral intervention came out of a discussion with Network 3 Patient SMEs about their experience with new information when they began dialysis. The SMEs identified that patients either need to hear new information a few times to absorb it or receive it from their doctor (or other "expert" source) to have an impact.

### **BSI Reduction**

According to the United States Renal Data System USRDS 2014 annual report (<https://www.usrds.org/2014/view/Default.aspx>), infections are the second most common cause of death in ESRD patients, and they account for nearly 14% of deaths. Dialysis facilities, hospitals, and other healthcare facilities report healthcare-associated infection data (HAI) in CDC's National Healthcare Safety Network (NHSN). Data is used to track HAIs, identify problem areas, measure progress of prevention efforts and work toward eventual HAI elimination. Facilities use NHSN and its tools to survey, measure and quantify facility staff adherence to CDC recommended infection prevention practices in practice settings. Surveillance and tracking provide data to support interventions to improve clinical practice and decrease infections.

The Bloodstream Infection (BSI) Reduction Quality Improvement Activity (QIA) aimed to demonstrate at least a 5% reduction in BSIs in facilities selected for participation in this project.

Forty facilities were selected for participation based on NHSN infection data reported for January-June 2015. The group was broadly representative of facilities in our Network area and comprised 19 facilities in New Jersey; 18 facilities in Puerto Rico; and three facilities in the U.S.

Virgin Islands. The total aggregate baseline BSI rate for the 40 focus facilities was 1.262 BSIs per 100 patient-months.

We promoted an Assessment and Response Approach by which the facility continuously assessed adherence to infection prevention practices. The facility then intervened based on the observed findings. The prevention process measures (PPM) monitored were Hand Hygiene, Hemodialysis (HD) Catheter Connection/Disconnection, HD Catheter Exit Site Care, Arteriovenous Fistula/Graft (AVF/AVG) Cannulation/Decannulation, Dialysis Station Routine Disinfection, Hemodialysis Injectable Medication Preparation, and Hemodialysis Injectable Medication Administration. Facilities were encouraged to recruit patients to participate in facility HAI prevention activities.

We monitored facilities' prevention process measure adherence rates and provided facilities education and instruction on the CDC Core Interventions for Hemodialysis, NHSN Dialysis Surveillance and Reporting, completing PPM audits, and running and interpreting NHSN Reports. We promoted CDC patient education resources via Patient Advisory Committee (PAC) calls and project calls.

## **Outcomes**

At re-measure (January–June 2016), BSIs decreased to 0.938 BSI per 100 patient-months, a 25.7% reduction in the focus group. This outcome far exceeded our 5% improvement goal established by CMS at the initiation of this project.

## **In-Center Hemodialysis Consumer Assessment of Healthcare Providers and Systems (ICH CAHPS) QIA**

The ICH CAHPS project we conducted in 2016 directly addressed patients' reporting on the survey their recollection of being educated about peritoneal dialysis (PD) by facility staff or their nephrologist in the prior 12 months. This question (Q39) scored the poorest among our facilities in the spring 2015 administration of the survey. This QIA was developed to help the 20 poorest scoring facilities develop interventions to help educate patients about PD and ultimately improve the facilities' ICH CAHPS scores.

## **Facility Selection**

The 20 participating facilities included representation from New Jersey and Puerto Rico. We had 17 facilities from NJ and three from Puerto Rico. Selected facilities had to have a higher rate of question completion than the Network 3 aggregate response rate (25.7% of respondents) and a lower rate for answering "yes" to Q39 than the Network 3 rate (60.17% of respondents). The participating facilities' mean rate of question completion was 31.1%, and the positive response rate was 50.2%.

## **Interventions**


Each of the facilities was provided with an educational handout for patients that showed what the Tenckhoff catheter for peritoneal dialysis (PD) looks like in the abdomen. This handout was reviewed by our PAC SMEs for content and clarity. The facilities were encouraged to distribute the handout to all patients as they provided verbal education on this treatment option. This one-on-one education was designed to help patients understand the PD option.

In addition, project facilities were asked to host “lobby days” during which educational material and staff were available in the waiting area or lobby to educate patients and families about PD. These facilities were also provided with information from the Medical Education Institute website to use in conjunction with their corporate education materials.

## **Tracking**

We divided patients into six groups at each facility for purposes of monthly education and surveying. We provided patients with individual attention throughout the month to ensure they received reinforcing education and information. Patients were then asked to complete the ICH CAHPS question regarding peritoneal dialysis on a card provided by the Network. Patients then placed the card in an envelope and provided it to facility staff who then mailed the collected cards back to us each month for tabulation.

Here is the educational handout provided to participating facilities:

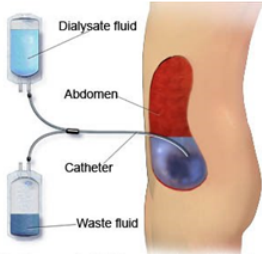


## Peritoneal Dialysis (PD)

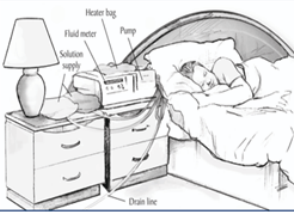
April 2016 – Peritoneal Dialysis: Another Dialysis Treatment Option

### What is Peritoneal Dialysis?

- A treatment option for kidney failure
- A process of fluid exchanges through the belly
- A treatment that removes waste products and extra fluid from the blood through the fluid exchanges
- A treatment that requires a small plastic tube, called a catheter, to be placed in the belly to allow the fluid to move in and out
- A process that can be done manually called Continuous Ambulatory Peritoneal Dialysis (CAPD) or with a machine while you are sleeping, Continuous Cycling Peritoneal Dialysis (CCPD)
- A process that requires a clean area to make sure infection does not occur
- A treatment that can be done by the patient and does not require a partner
- A form of dialysis that is done by the patient in their home after they are trained by a home training program
- A treatment option that allows patients the freedom to determine what hours they want to dialyze
- A form of dialysis that can be done when traveling
- An option that you should discuss with your nephrologist!



Continuous Ambulatory Peritoneal Dialysis



Continuous Cycling Peritoneal Dialysis

The analyses upon which this publication is based were performed under Contract Number HHSN-250-2016-00000-00C, entitled "End Stage Renal Disease Network Organization Number 3", sponsored by the Centers for Medicare & Medicaid Services, Department of Health and Human Services. The conclusions and opinions expressed, and methods used herein are those of the authors. They do not necessarily reflect CMS policy. The authors assume full responsibility for the accuracy and completeness of the data presented. This article is a direct result of the Dialysis Care Quality Improvement Program initiated by CMS, which has encouraged identification of quality improvement projects derived from analysis of patterns of care, and therefore required no special funding on the part of this contract. Ideas and contributions to the author concerning experiences in engaging with users presented are welcomed.

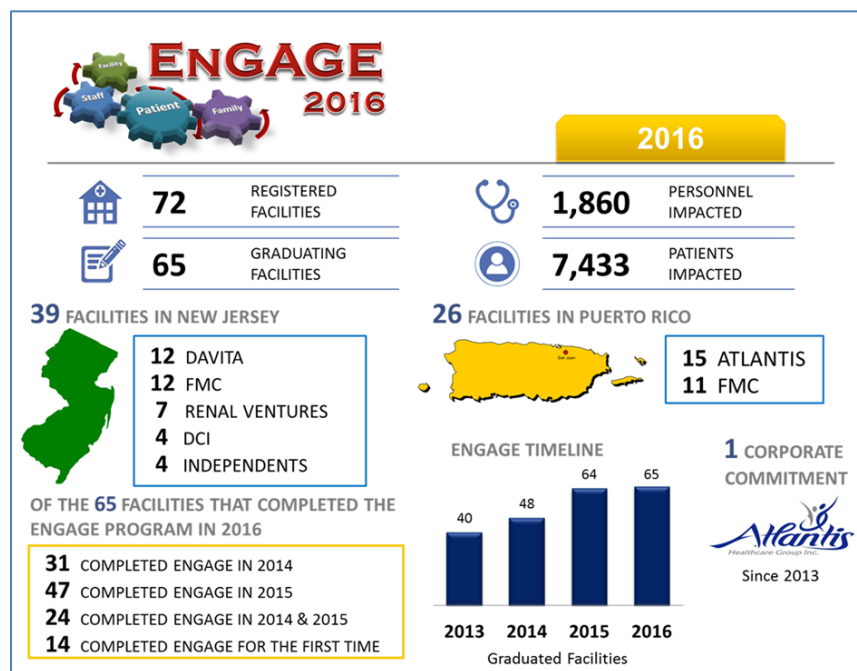
## Outcomes

Our goal was a 5 percentage point increase in the number of “yes” responses by the end of the project period (September 2016). Our final outcome was 91.9%, far exceeding our goal for the project facilities. This project was received positively by both patients and staff. Although many patients are content with in-center HD, the education provided has helped make them more informed about their treatment options.

## Patient, Family, and Staff Engagement

We recognize that the success of dialysis providers’ efforts to empower patients, their families, and/or their caregivers is dependent on a strong collaboration among all members of the dialysis healthcare team. To support the development of a patient-centered care culture, and to address the unique needs of each dialysis provider, we introduced “EnGAGE” in 2013. This voluntary program has been designed and adapted year to year to empower the entire healthcare team and assist them with their patient, family, and staff engagement initiatives.

From 2013 to 2015, EnGAGE focused on promoting education and dissemination of best practices to build on the foundational model of patient-centered care. A proposed outcome from these three years was for dialysis providers to recognize the pivotal role of patients and family members in helping them achieve the facility's clinical outcomes. In 2016, EnGAGE shifted its focus to an action-based agenda by providing facilities guidance and tools to develop their own Patient/Family Member Representative Guide. Each EnGAGE facility was tasked with identifying two patient/family member representatives to participate with the interdisciplinary team in their Quality Assessment Performance Improvement (QAPI) meetings and focus on the development of their guide. Not only did the selected patients and family member representatives act as a liaison between the Network and the facility's patients, but with direction from the interdisciplinary team they offered assistance to build and sustain patient-centered care initiatives in a meaningful way.



## Facilities that Consistently Failed to Cooperate with Network Goals

In 2016, Network 3 worked with dialysis facilities to improve the quality of care they provided to their patients. All facilities fully cooperated with these interventions.

## Recommendations for Sanctions

In 2016, Network 3 did not recommend sanctions for any dialysis facility.

## Recommendations to CMS for Additional Services or Facilities

In working with patients, families, and dialysis unit staff, Network 3 has recognized the need for special-use facilities to be created to treat patients with mental illness. Mental health professionals could be on staff at these facilities to better serve the needs of this population.



## GRIEVANCES AND ACCESS TO CARE

The Network responds to grievances filed by or on behalf of ESRD patients in its service area. In 2016, we responded to 60 grievances. Of these, 2 or 3.3% involved issues related to access to care.

**Table D. Grievance Data for Calendar Year 2016**

| Category   | Number |
|--|--------|
| Number of Grievance Cases Opened in Calendar Year 2016                                   | 60     |
| <b>Number of Grievance Cases Involving Access to Care</b>                                | 2      |
| Number of Grievance Cases Involving Involuntary Transfer                                 | 0      |
| Number of Grievance Cases Involving Involuntary Discharge                                | 2      |
| Number of Grievance Cases Involving Failure to Place                                     | 0      |
| <b>Number of Non-Grievance Cases Involving Access to Care</b>                            | 30     |
| Number of Non-Grievance Access to Care Cases Involving Involuntary Transfer              | 2      |
| Number of Non-Grievance Access to Care Cases Involving Involuntary Discharge             | 27     |
| Number of Non-Grievance Access to Care Cases Involving Failure to Place                  | 1      |
| Total Number of Grievance and Non-Grievance Cases Involving Access to Care               | 32     |
| Number of Grievance Cases Closed by the Network in Calendar Year 2016                    | 61     |
| Number of Non-Grievance Access to Care Cases Closed by the Network in Calendar Year 2016 | 28     |

Source of data: Patient Contact Utility.

### Cases Referred to State Survey Agencies

Network 3 referred one case to the Puerto Rico State Survey Agency (Puerto Rico Department of Health) in 2016. No cases were referred to either the New Jersey State Survey Agency (New Jersey Department of Health) or CMS, which provides the surveyors for the Virgin Islands.

### Emergency Preparedness and Response

#### January

Winter Storm Jonas impacted New Jersey January 22- 24, 2016. The Network was in communication with New Jersey dialysis facilities to track activation of their contingency plans and adjustments to schedules and transportation for patients. This storm hit the state on a Friday evening and lingered through Sunday. High snowfall totals, up to 35 inches in some northern counties, were reported in New Jersey. Many facilities reported they adjusted their schedules to accommodate Saturday patients on Friday and closed on Saturday. Other facilities reported they closed Saturday at the height of the storm and opened on Sunday. Communication with patients began before the storm to ensure plans were in place and patients had emergency diet information in case they were homebound and missed treatments.

Dialysis facility operations were back to normal on Monday, January 25, 2016. The overall response by the facilities in New Jersey with regard to preparation and response was appropriate for the event.

## September

On Wednesday September 21, 2016, a fire at a power plant in Puerto Rico left an estimated 1.5 million people without electricity. According to media outlets, the fire began at the Central Aguirre Power Authority in Salinas at 2:30 p.m. EST; no injuries were reported. Once the Network became aware of the incident, staff proceeded to activate members of the Puerto Rico Emergency Preparedness and Response Activities Renal (PREPARAR) Coalition to assess the level of impact. The fire and power outage affected towns throughout the island and impacted all 45 dialysis facilities: 27 owned by Fresenius Kidney Care, 15 owned by Atlantis Healthcare Group; 3 independent centers: 1 in Naranjito, 1 university renal center (in San Juan), and 1 pediatric renal center (San Juan). Network 3 confirmed that all dialysis facilities were operational using generators.

Through Thursday and Friday (September 22–23) we monitored the situation through various media and social media outlets. We relied primarily on <https://twitter.com/fortalezapr> as a reliable source of information. The latest updates were tweeted through this account directly from Puerto Rico's Executive Emergency Operations Center (EOC) and other branches of government. We hosted teleconferences twice a day with members of the PREPARAR Coalition, Kidney Community Emergency Response KCER, CMS, Puerto Rico Department of Health DOH, and other community/government stakeholders to support and sustain continued collaboration. By Saturday September 24, 2016, the situation had become stable and all dialysis facilities reported being able to dialyze their patients without any problems. On Monday September 26, 2016, all dialysis facilities had power restored.

## October

The 2016 National Exercise United States (NExUS) Tabletop was held by the national KCER coalition on October 31, 2016. All 18 ESRD Networks participated in the exercise. The exercise focused on a New Madrid Seismic Zone (NMSZ) earthquake with direct impact in the South and Midwest. The hypothetical earthquake did not directly impact the Network 3 geographic areas of New Jersey, Puerto Rico, and the U.S. Virgin Islands. We are the backup Network for Network 12 (Iowa, Kansas, Missouri, and Nebraska), and as such we provided back-up support to them during this exercise.

This tabletop exercise provided us the opportunity to evaluate our Comprehensive Emergency Management Plan (CEMP), our Communications Annex, and the capability of managing support to our backup Network 12 during an incident of such magnitude. During this exercise, we demonstrated optimal performance in various areas of our operational functions and identified areas for improvement to prepare for future events.

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Table 1. Incident (New) ESRD Patients in Network 3's Service Area, by Patient Characteristics

January 1, 2016 - December 31, 2016

| Network 3's Service Area                  | New Jersey | Puerto Rico | Virgin Islands | Other | Network | Percent |
|---|------------|-------------|----------------|-------|---------|---------|
| <b>Age Group</b>                          |            |             |                |       |         |         |
| <= 4 Years                                | 2          | 2           | 0              | 0     | 4       | 0.1%    |
| 5-9 Years                                 | 0          | 0           | 0              | 0     | 0       | 0.0%    |
| 10-14 Years                               | 6          | 1           | 0              | 0     | 7       | 0.1%    |
| 15-19 Years                               | 5          | 1           | 0              | 0     | 6       | 0.1%    |
| 20-24 Years                               | 27         | 7           | 1              | 1     | 36      | 0.7%    |
| 25-29 Years                               | 32         | 12          | 0              | 1     | 45      | 0.9%    |
| 30-34 Years                               | 71         | 20          | 0              | 2     | 93      | 1.8%    |
| 35-39 Years                               | 71         | 29          | 0              | 7     | 107     | 2.1%    |
| 40-44 Years                               | 101        | 52          | 0              | 1     | 154     | 3.0%    |
| 45-49 Years                               | 198        | 102         | 1              | 12    | 313     | 6.0%    |
| 50-54 Years                               | 286        | 129         | 1              | 14    | 430     | 8.3%    |
| 55-59 Years                               | 352        | 160         | 4              | 22    | 538     | 10.3%   |
| 60-64 Years                               | 404        | 169         | 4              | 20    | 597     | 11.5%   |
| 65-69 Years                               | 493        | 234         | 6              | 13    | 746     | 14.3%   |
| 70-74 Years                               | 499        | 189         | 6              | 12    | 706     | 13.5%   |
| 75-79 Years                               | 434        | 158         | 1              | 13    | 606     | 11.6%   |
| 80-84 Years                               | 355        | 110         | 4              | 8     | 477     | 9.2%    |
| >= 85 Years                               | 283        | 53          | 1              | 9     | 346     | 6.6%    |
| Network-Level Total                       | 3619       | 1428        | 29             | 135   | 5211    | 100.0%  |
| Median Age                                | 67         | 65          | 68             | 61    | 67      |         |
| <b>Gender</b>                             |            |             |                |       |         |         |
| Female                                    | 1455       | 580         | 14             | 56    | 2105    | 40.4%   |
| Male                                      | 2164       | 848         | 15             | 79    | 3106    | 59.6%   |
| <b>Total</b>                              | 3619       | 1428        | 29             | 135   | 5211    | 100.0%  |
| <b>Ethnicity*</b>                         |            |             |                |       |         |         |
| Hispanic or Latino                        | 450        | 1414        | 1              | 39    | 1904    | 36.5%   |
| Not Hispanic or Latino                    | 3163       | 14          | 28             | 96    | 3301    | 63.3%   |
| Not Specified                             | 6          | 0           | 0              | 0     | 6       | 0.1%    |
| <b>Total</b>                              | 3619       | 1428        | 29             | 135   | 5211    | 100.0%  |
| <b>Race*</b>                              |            |             |                |       |         |         |
| American Indian/Alaska Native             | 1          | 0           | 0              | 0     | 1       | 0.0%    |
| Asian                                     | 162        | 0           | 0              | 2     | 164     | 3.1%    |
| Black or African American                 | 950        | 51          | 25             | 38    | 1064    | 20.4%   |
| Native Hawaiian or Other Pacific Islander | 28         | 0           | 3              | 2     | 33      | 0.6%    |

| Network 3's Service Area                    | New Jersey | Puerto Rico | Virgin Islands | Other | Network | Percent |
|---|------------|-------------|----------------|-------|---------|---------|
| White                                       | 2463       | 1375        | 1              | 93    | 3932    | 75.5%   |
| More Than One Race Reported                 | 9          | 2           | 0              | 0     | 11      | 0.2%    |
| Not Specified                               | 6          |             |                |       | 6       | 0.1%    |
| <b>Total</b>                                | 3619       | 1428        | 29             | 135   | 5211    | 100.0%  |
| <b>Primary Cause of ESRD*</b>               |            |             |                |       |         |         |
| Diabetes                                    | 1475       | 943         | 15             | 63    | 2496    | 47.9%   |
| Glomerulonephritis                          | 205        | 64          | 0              | 6     | 275     | 5.3%    |
| Secondary Glomerulonephritis/Vasculitis     | 59         | 14          | 2              | 2     | 77      | 1.5%    |
| Interstitial Nephritis/Pyelonephritis       | 82         | 32          | 0              | 3     | 117     | 2.2%    |
| Transplant Complications                    | 10         | 0           | 0              | 0     | 10      | 0.2%    |
| Hypertension/Large Vessel Disease           | 1339       | 273         | 11             | 44    | 1667    | 32.0%   |
| Cystic/Hereditary/Congenital/Other Diseases | 87         | 24          | 0              | 2     | 113     | 2.2%    |
| Neoplasms/Tumors                            | 72         | 18          | 0              | 4     | 94      | 1.8%    |
| Disorders of Mineral Metabolism             | 1          | 0           | 0              | 0     | 1       | 0.0%    |
| Genitourinary System                        | 7          | 2           | 0              | 0     | 9       | 0.2%    |
| Acute Kidney Failure                        | 81         | 23          | 0              | 3     | 107     | 2.1%    |
| Miscellaneous Conditions                    | 185        | 34          | 1              | 8     | 228     | 4.4%    |
| Not Specified                               | 16         | 1           |                |       | 17      | 0.3%    |
| <b>Total</b>                                | 3619       | 1428        | 29             | 135   | 5211    | 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 3's Service Area, by Patient Characteristics

As of December 31, 2016

| Network 3's Service Area                  | New Jersey | Puerto Rico | Virgin Islands | Other | Network | Percent |
|---|------------|-------------|----------------|-------|---------|---------|
| <b>Age Group</b>                          |            |             |                |       |         |         |
| <= 4 Years                                | 1          | 3           | 0              | 0     | 4       | 0.0%    |
| 5-9 Years                                 | 1          | 3           | 0              | 0     | 4       | 0.0%    |
| 10-14 Years                               | 2          | 2           | 0              | 0     | 4       | 0.0%    |
| 15-19 Years                               | 8          | 12          | 1              | 0     | 21      | 0.1%    |
| 20-24 Years                               | 73         | 28          | 0              | 2     | 103     | 0.5%    |
| 25-29 Years                               | 143        | 55          | 3              | 4     | 205     | 1.0%    |
| 30-34 Years                               | 263        | 85          | 5              | 8     | 361     | 1.8%    |
| 35-39 Years                               | 383        | 154         | 4              | 9     | 550     | 2.7%    |
| 40-44 Years                               | 484        | 227         | 11             | 11    | 733     | 3.6%    |
| 45-49 Years                               | 855        | 389         | 15             | 10    | 1269    | 6.3%    |
| 50-54 Years                               | 1178       | 525         | 21             | 27    | 1751    | 8.7%    |
| 55-59 Years                               | 1525       | 638         | 24             | 35    | 2222    | 11.0%   |
| 60-64 Years                               | 1717       | 784         | 16             | 32    | 2549    | 12.7%   |
| 65-69 Years                               | 1868       | 926         | 27             | 26    | 2847    | 14.1%   |
| 70-74 Years                               | 1771       | 818         | 42             | 35    | 2666    | 13.2%   |
| 75-79 Years                               | 1416       | 619         | 20             | 26    | 2081    | 10.3%   |
| 80-84 Years                               | 1155       | 389         | 14             | 14    | 1572    | 7.8%    |
| >= 85 Years                               | 995        | 184         | 7              | 17    | 1203    | 6.0%    |
| <b>Total</b>                              | 13838      | 5841        | 210            | 256   | 20145   | 100.0%  |
| Median Age                                | 65         | 65          | 66             | 63    | 65      |         |
| <b>Gender</b>                             |            |             |                |       |         |         |
| Female                                    | 5664       | 2192        | 87             | 95    | 8038    | 39.9%   |
| Male                                      | 8174       | 3649        | 123            | 161   | 12107   | 60.1%   |
| <b>Total</b>                              | 13838      | 5841        | 210            | 256   | 20145   | 100.0%  |
| <b>Ethnicity*</b>                         |            |             |                |       |         |         |
| Hispanic or Latino                        | 1776       | 5771        | 20             | 82    | 7649    | 38.0%   |
| Not Hispanic or Latino                    | 12059      | 68          | 190            | 174   | 12491   | 62.0%   |
| Not Specified                             | 3          | 2           |                |       | 5       | 0.0%    |
| <b>Total</b>                              | 13838      | 5841        | 210            | 256   | 20145   | 100.0%  |
| <b>Race*</b>                              |            |             |                |       |         |         |
| American Indian/Alaska Native             | 6          | 1           | 0              | 0     | 7       | 0.0%    |
| Asian                                     | 621        | 0           | 1              | 13    | 635     | 3.2%    |
| Black or African American                 | 5219       | 427         | 173            | 83    | 5902    | 29.3%   |
| Native Hawaiian or Other Pacific Islander | 113        | 3           | 14             | 5     | 135     | 0.7%    |

| Network 3's Service Area                        | New Jersey | Puerto Rico | Virgin Islands | Other | Network | Percent |
|---|------------|-------------|----------------|-------|---------|---------|
| White   | 7826       | 5315        | 14             | 150   | 13305   | 66.0%   |
| More Than One Race Reported                     | 51         | 93          | 8              | 5     | 157     | 0.8%    |
| Not Specified                                   | 2          | 2           |                |       | 4       | 0.0%    |
| <b>Total</b>                                    | 13838      | 5841        | 210            | 256   | 20145   | 100.0%  |
| <b>Primary Cause of ESRD*</b>                   |            |             |                |       |         |         |
| Diabetes  | 5693       | 3680        | 115            | 120   | 9608    | 47.7%   |
| Glomerulonephritis                              | 1159       | 471         | 9              | 25    | 1664    | 8.3%    |
| Secondary Glomerulonephritis/<br>Vasculitis     | 282        | 71          | 2              | 5     | 360     | 1.8%    |
| Interstitial<br>Nephritis/Pyelonephritis        | 365        | 154         | 2              | 3     | 524     | 2.6%    |
| Transplant Complications                        | 13         | 1           | 0              | 0     | 14      | 0.1%    |
| Hypertension/Large Vessel<br>Disease            | 4767       | 986         | 68             | 68    | 5889    | 29.2%   |
| Cystic/Hereditary/Congenital/<br>Other Diseases | 408        | 205         | 3              | 7     | 623     | 3.1%    |
| Neoplasms/Tumors                                | 395        | 92          | 6              | 5     | 498     | 2.5%    |
| Disorders of Mineral Metabolism                 | 2          | 0           | 0              | 0     | 2       | 0.0%    |
| Genitourinary System                            | 7          | 3           | 0              | 0     | 10      | 0.0%    |
| Acute Kidney Failure                            | 59         | 18          | 0              | 2     | 79      | 0.4%    |
| Miscellaneous Conditions                        | 665        | 151         | 5              | 19    | 840     | 4.2%    |
| Not Specified                                   | 23         | 9           |                | 2     | 34      | 0.2%    |
| <b>Total</b>                                    | 13838      | 5841        | 210            | 256   | 20145   | 100.0%  |

Source of data: CROWNWeb.

\*Categories are from the CMS-2728 form.

**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.



Table 3: In-Home Dialysis Patients In Network 3'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 |
|--------------|----|------|------|------------------|------------------------|--------------------------------------|
| 31001F       | 0  | 0    | 0    | 0                | 0                      | 44                                   |
| 310025       | 0  | 0    | 0    | 0                | 0                      | 54                                   |
| 310027       | 0  | 1    | 3    | 0                | 4                      | 71                                   |
| 310032       | 0  | 0    | 0    | 0                | 0                      | 101                                  |
| 310054       | 0  | 0    | 7    | 0                | 7                      | 202                                  |
| 310064       | 0  | 0    | 0    | 0                | 0                      | 63                                   |
| 310083       | 0  | 0    | 0    | 0                | 0                      | 134                                  |
| 310092       | 0  | 0    | 10   | 0                | 10                     | 136                                  |
| 312501       | 0  | 0    | 0    | 0                | 0                      | 186                                  |
| 312502       | 0  | 0    | 0    | 0                | 0                      | 228                                  |
| 312503       | 2  | 2    | 10   | 0                | 14                     | 114                                  |
| 312504       | 0  | 0    | 0    | 0                | 0                      | 115                                  |
| 312505       | 0  | 2    | 11   | 0                | 13                     | 112                                  |
| 312506       | 0  | 0    | 0    | 0                | 0                      | 77                                   |
| 312508       | 0  | 10   | 36   | 0                | 46                     | 133                                  |
| 312509       | 4  | 3    | 20   | 0                | 27                     | 221                                  |
| 312510       | 0  | 0    | 0    | 0                | 0                      | 97                                   |
| 312513       | 0  | 9    | 17   | 0                | 26                     | 129                                  |
| 312514       | 0  | 0    | 5    | 0                | 5                      | 92                                   |
| 312515       | 0  | 0    | 0    | 0                | 0                      | 67                                   |
| 312516       | 0  | 0    | 0    | 0                | 0                      | 42                                   |
| 312517       | 0  | 0    | 2    | 0                | 2                      | 86                                   |
| 312518       | 0  | 0    | 0    | 0                | 0                      | 100                                  |
| 312520       | 0  | 1    | 12   | 0                | 13                     | 92                                   |
| 312521       | 0  | 0    | 0    | 0                | 0                      | 62                                   |
| 312522       | 0  | 0    | 4    | 0                | 4                      | 103                                  |
| 312523       | 1  | 0    | 5    | 0                | 6                      | 63                                   |
| 312524       | 0  | 9    | 13   | 0                | 22                     | 22                                   |
| 312525       | 6  | 0    | 50   | 0                | 56                     | 170                                  |
| 312527       | 0  | 0    | 0    | 0                | 0                      | 72                                   |
| 312528       | 0  | 0    | 9    | 0                | 9                      | 93                                   |
| 312529       | 0  | 0    | 0    | 0                | 0                      | 96                                   |
| 312530       | 0  | 0    | 0    | 0                | 0                      | 85                                   |
| 312531       | 0  | 0    | 0    | 0                | 0                      | 73                                   |
| 312532       | 0  | 0    | 0    | 0                | 0                      | 97                                   |
| 312533       | 0  | 0    | 0    | 0                | 0                      | 114                                  |

| Facility CCN | HD | CAPD | CCPD | Other Modalities | Total In-Home Patients | Total In-Center and In-Home Patients |
|--------------|----|------|------|------------------|------------------------|--------------------------------------|
| 312534       | 0  | 0    | 0    | 0                | 0                      | 67                                   |
| 312535       | 2  | 4    | 5    | 0                | 11                     | 99                                   |
| 312536       | 0  | 10   | 12   | 0                | 22                     | 149                                  |
| 312537       | 2  | 8    | 11   | 0                | 21                     | 112                                  |
| 312538       | 0  | 0    | 0    | 0                | 0                      | 112                                  |
| 312540       | 0  | 0    | 0    | 0                | 0                      | 104                                  |
| 312541       | 0  | 0    | 0    | 0                | 0                      | 66                                   |
| 312542       | 0  | 0    | 0    | 0                | 0                      | 130                                  |
| 312543       | 5  | 0    | 0    | 0                | 5                      | 97                                   |
| 312544       | 0  | 1    | 7    | 0                | 8                      | 69                                   |
| 312545       | 0  | 2    | 5    | 0                | 7                      | 93                                   |
| 312546       | 0  | 0    | 0    | 0                | 0                      | 121                                  |
| 312547       | 0  | 0    | 0    | 0                | 0                      | 45                                   |
| 312548       | 0  | 0    | 0    | 0                | 0                      | 48                                   |
| 312550       | 0  | 0    | 12   | 0                | 12                     | 61                                   |
| 312551       | 0  | 17   | 9    | 0                | 26                     | 112                                  |
| 312552       | 0  | 2    | 5    | 0                | 7                      | 100                                  |
| 312553       | 0  | 0    | 2    | 0                | 2                      | 115                                  |
| 312554       | 0  | 4    | 13   | 0                | 17                     | 135                                  |
| 312555       | 0  | 0    | 0    | 0                | 0                      | 32                                   |
| 312557       | 0  | 0    | 8    | 0                | 8                      | 111                                  |
| 312558       | 7  | 0    | 0    | 0                | 7                      | 116                                  |
| 312559       | 0  | 0    | 18   | 0                | 18                     | 127                                  |
| 312560       | 2  | 0    | 0    | 0                | 2                      | 109                                  |
| 312561       | 0  | 1    | 10   | 0                | 11                     | 63                                   |
| 312562       | 0  | 0    | 0    | 0                | 0                      | 85                                   |
| 312563       | 0  | 2    | 13   | 0                | 15                     | 94                                   |
| 312564       | 0  | 0    | 0    | 0                | 0                      | 98                                   |
| 312565       | 0  | 0    | 0    | 0                | 0                      | 40                                   |
| 312566       | 4  | 1    | 5    | 0                | 10                     | 110                                  |
| 312567       | 0  | 0    | 0    | 0                | 0                      | 83                                   |
| 312568       | 0  | 0    | 0    | 0                | 0                      | 105                                  |
| 312569       | 0  | 0    | 0    | 0                | 0                      | 55                                   |
| 312570       | 0  | 0    | 10   | 0                | 10                     | 109                                  |
| 312571       | 0  | 0    | 2    | 0                | 2                      | 76                                   |
| 312572       | 1  | 2    | 12   | 0                | 15                     | 85                                   |
| 312573       | 0  | 0    | 0    | 0                | 0                      | 151                                  |
| 312574       | 0  | 0    | 37   | 0                | 37                     | 122                                  |
| 312575       | 0  | 0    | 0    | 0                | 0                      | 61                                   |

| Facility CCN | HD | CAPD | CCPD | Other Modalities | Total In-Home Patients | Total In-Center and In-Home Patients |
|--------------|----|------|------|------------------|------------------------|--------------------------------------|
| 312576       | 2  | 1    | 4    | 0                | 7                      | 99                                   |
| 312578       | 0  | 0    | 0    | 0                | 0                      | 98                                   |
| 312579       | 0  | 0    | 0    | 0                | 0                      | 66                                   |
| 312580       | 0  | 0    | 0    | 0                | 0                      | 131                                  |
| 312581       | 0  | 0    | 0    | 0                | 0                      | 108                                  |
| 312582       | 0  | 0    | 0    | 0                | 0                      | 91                                   |
| 312583       | 0  | 2    | 12   | 0                | 14                     | 79                                   |
| 312584       | 5  | 0    | 0    | 0                | 5                      | 87                                   |
| 312585       | 0  | 0    | 7    | 0                | 7                      | 102                                  |
| 312586       | 0  | 0    | 0    | 0                | 0                      | 81                                   |
| 312587       | 0  | 2    | 2    | 0                | 4                      | 89                                   |
| 312588       | 0  | 0    | 0    | 0                | 0                      | 76                                   |
| 312589       | 0  | 0    | 0    | 0                | 0                      | 45                                   |
| 312590       | 6  | 2    | 9    | 0                | 17                     | 89                                   |
| 312591       | 7  | 1    | 15   | 0                | 23                     | 23                                   |
| 312592       | 4  | 0    | 14   | 0                | 18                     | 71                                   |
| 312593       | 8  | 0    | 0    | 0                | 8                      | 131                                  |
| 312594       | 0  | 0    | 0    | 0                | 0                      | 77                                   |
| 312595       | 0  | 0    | 0    | 0                | 0                      | 47                                   |
| 312596       | 0  | 0    | 0    | 0                | 0                      | 62                                   |
| 312597       | 0  | 0    | 0    | 0                | 0                      | 63                                   |
| 312598       | 0  | 0    | 0    | 0                | 0                      | 105                                  |
| 312599       | 0  | 0    | 0    | 0                | 0                      | 53                                   |
| 312600       | 0  | 0    | 3    | 0                | 3                      | 61                                   |
| 312602       | 0  | 0    | 11   | 0                | 11                     | 60                                   |
| 312603       | 0  | 0    | 1    | 0                | 1                      | 49                                   |
| 312604       | 0  | 0    | 0    | 0                | 0                      | 64                                   |
| 312605       | 0  | 0    | 0    | 0                | 0                      | 17                                   |
| 312606       | 1  | 1    | 3    | 0                | 5                      | 94                                   |
| 312607       | 0  | 0    | 3    | 0                | 3                      | 77                                   |
| 312608       | 0  | 3    | 4    | 0                | 7                      | 56                                   |
| 312609       | 5  | 0    | 5    | 0                | 10                     | 54                                   |
| 312610       | 0  | 12   | 16   | 0                | 28                     | 77                                   |
| 312611       | 3  | 2    | 7    | 0                | 12                     | 84                                   |
| 312612       | 2  | 1    | 3    | 0                | 6                      | 105                                  |
| 312613       | 0  | 0    | 0    | 0                | 0                      | 35                                   |
| 312614       | 3  | 0    | 29   | 0                | 32                     | 363                                  |
| 312615       | 3  | 2    | 16   | 0                | 21                     | 219                                  |
| 312616       | 0  | 0    | 0    | 0                | 0                      | 98                                   |

| Facility CCN | HD | CAPD | CCPD | Other Modalities | Total In-Home Patients | Total In-Center and In-Home Patients |
|--------------|----|------|------|------------------|------------------------|--------------------------------------|
| 312617       | 0  | 0    | 0    | 0                | 0                      | 51                                   |
| 312618       | 0  | 0    | 0    | 0                | 0                      | 120                                  |
| 312619       | 2  | 1    | 8    | 0                | 11                     | 110                                  |
| 312620       | 0  | 0    | 0    | 0                | 0                      | 72                                   |
| 312621       | 0  | 0    | 4    | 0                | 4                      | 102                                  |
| 312622       | 0  | 0    | 11   | 0                | 11                     | 167                                  |
| 312623       | 0  | 0    | 0    | 0                | 0                      | 52                                   |
| 312624       | 0  | 3    | 7    | 0                | 10                     | 72                                   |
| 312625       | 0  | 1    | 2    | 0                | 3                      | 46                                   |
| 312626       | 3  | 0    | 0    | 0                | 3                      | 95                                   |
| 312627       | 0  | 0    | 0    | 0                | 0                      | 87                                   |
| 312628       | 0  | 1    | 7    | 0                | 8                      | 108                                  |
| 312629       | 0  | 0    | 7    | 0                | 7                      | 82                                   |
| 312630       | 0  | 1    | 11   | 0                | 12                     | 86                                   |
| 312631       | 0  | 0    | 5    | 0                | 5                      | 5                                    |
| 312632       | 0  | 0    | 0    | 0                | 0                      | 37                                   |
| 312633       | 0  | 0    | 7    | 0                | 7                      | 47                                   |
| 312634       | 3  | 2    | 1    | 0                | 6                      | 59                                   |
| 312635       | 0  | 2    | 7    | 0                | 9                      | 58                                   |
| 312636       | 1  | 0    | 5    | 0                | 6                      | 39                                   |
| 312637       | 3  | 1    | 11   | 0                | 15                     | 82                                   |
| 312638       | 3  | 0    | 9    | 0                | 12                     | 90                                   |
| 312639       | 0  | 0    | 2    | 0                | 2                      | 52                                   |
| 312640       | 0  | 0    | 0    | 0                | 0                      | 34                                   |
| 312641       | 4  | 1    | 9    | 0                | 14                     | 64                                   |
| 312642       | 1  | 0    | 3    | 0                | 4                      | 68                                   |
| 312643       | 0  | 0    | 0    | 0                | 0                      | 52                                   |
| 312644       | 0  | 0    | 0    | 0                | 0                      | 24                                   |
| 312645       | 4  | 1    | 6    | 0                | 11                     | 72                                   |
| 312646       | 3  | 6    | 27   | 0                | 36                     | 36                                   |
| 312647       | 0  | 1    | 2    | 0                | 3                      | 30                                   |
| 312648       | 0  | 1    | 3    | 0                | 4                      | 44                                   |
| 312649       | 0  | 2    | 3    | 0                | 5                      | 37                                   |
| 312650       | 1  | 1    | 3    | 0                | 5                      | 5                                    |
| 312651       | 0  | 1    | 5    | 0                | 6                      | 40                                   |
| 312652       | 0  | 1    | 1    | 0                | 2                      | 34                                   |
| 312653       | 3  | 4    | 18   | 0                | 25                     | 25                                   |
| 312654       | 2  | 0    | 2    | 0                | 4                      | 28                                   |
| 312655       | 0  | 1    | 0    | 0                | 1                      | 18                                   |

| Facility CCN    | HD         | CAPD       | CCPD       | Other Modalities | Total In-Home Patients | Total In-Center and In-Home Patients |
|-----------------|------------|------------|------------|------------------|------------------------|--------------------------------------|
| 312656          | 0          | 0          | 0          | 0                | 0                      | 23                                   |
| 312657          | 0          | 0          | 2          | 0                | 2                      | 20                                   |
| 312658          | 0          | 3          | 6          | 0                | 9                      | 122                                  |
| 312659          | 7          | 0          | 5          | 0                | 12                     | 105                                  |
| 312660          | 0          | 0          | 0          | 0                | 0                      | 56                                   |
| 312661          | 0          | 0          | 0          | 0                | 0                      | 6                                    |
| 312662          | 0          | 0          | 0          | 0                | 0                      | 5                                    |
| 312663          | 0          | 0          | 0          | 0                | 0                      | 12                                   |
| 312664          | 0          | 0          | 1          | 0                | 1                      | 6                                    |
| 313501          | 0          | 3          | 15         | 0                | 18                     | 202                                  |
| 313503          | 0          | 0          | 0          | 0                | 0                      | 89                                   |
| 313517          | 0          | 0          | 0          | 0                | 0                      | 189                                  |
| 313519          | 0          | 0          | 0          | 0                | 0                      | 78                                   |
| <b>NJ Total</b> | <b>125</b> | <b>158</b> | <b>789</b> | <b>0</b>         | <b>1072</b>            | <b>14042</b>                         |
| 400016          | 0          | 0          | 0          | 0                | 0                      | 0                                    |
| 40003F          | 0          | 0          | 0          | 0                | 0                      | 36                                   |
| 400061          | 0          | 0          | 0          | 0                | 0                      | 56                                   |
| 402501          | 0          | 0          | 0          | 0                | 0                      | 150                                  |
| 402502          | 1          | 1          | 10         | 0                | 12                     | 165                                  |
| 402503          | 0          | 0          | 0          | 0                | 0                      | 130                                  |
| 402504          | 0          | 0          | 0          | 0                | 0                      | 141                                  |
| 402505          | 0          | 0          | 29         | 0                | 29                     | 211                                  |
| 402506          | 0          | 0          | 0          | 0                | 0                      | 107                                  |
| 402507          | 0          | 0          | 0          | 0                | 0                      | 151                                  |
| 402508          | 0          | 0          | 12         | 0                | 12                     | 126                                  |
| 402509          | 0          | 0          | 0          | 0                | 0                      | 125                                  |
| 402510          | 0          | 1          | 44         | 0                | 45                     | 254                                  |
| 402513          | 0          | 0          | 29         | 0                | 29                     | 118                                  |
| 402514          | 0          | 0          | 0          | 0                | 0                      | 179                                  |
| 402515          | 1          | 6          | 36         | 0                | 43                     | 216                                  |
| 402517          | 0          | 1          | 24         | 0                | 25                     | 165                                  |
| 402518          | 0          | 2          | 9          | 0                | 11                     | 168                                  |
| 402519          | 0          | 6          | 26         | 0                | 32                     | 169                                  |
| 402521          | 0          | 0          | 0          | 0                | 0                      | 112                                  |
| 402525          | 0          | 0          | 27         | 0                | 27                     | 132                                  |
| 402527          | 0          | 0          | 21         | 0                | 21                     | 184                                  |
| 402528          | 0          | 0          | 8          | 0                | 8                      | 96                                   |
| 402529          | 0          | 0          | 0          | 0                | 0                      | 90                                   |
| 402530          | 0          | 1          | 23         | 0                | 24                     | 269                                  |

| Facility CCN  | HD         | CAPD       | CCPD        | Other Modalities | Total In-Home Patients | Total In-Center and In-Home Patients |
|---|------------|------------|-------------|------------------|------------------------|--------------------------------------|
| 402531  | 0          | 1          | 9           | 0                | 10                     | 116                                  |
| 402533  | 0          | 0          | 8           | 0                | 8                      | 194                                  |
| 402534  | 0          | 0          | 0           | 0                | 0                      | 99                                   |
| 402535  | 0          | 0          | 0           | 0                | 0                      | 74                                   |
| 402536  | 0          | 0          | 0           | 0                | 0                      | 87                                   |
| 402537  | 0          | 0          | 0           | 0                | 0                      | 99                                   |
| 402538  | 0          | 0          | 8           | 0                | 8                      | 160                                  |
| 402539  | 0          | 0          | 9           | 0                | 9                      | 183                                  |
| 402540  | 0          | 0          | 21          | 0                | 21                     | 132                                  |
| 402541  | 0          | 0          | 19          | 0                | 19                     | 211                                  |
| 402543  | 0          | 1          | 12          | 0                | 13                     | 162                                  |
| 402544  | 0          | 0          | 0           | 0                | 0                      | 16                                   |
| 402546  | 0          | 0          | 0           | 0                | 0                      | 93                                   |
| 402547  | 0          | 0          | 0           | 0                | 0                      | 64                                   |
| 402548  | 0          | 0          | 0           | 0                | 0                      | 113                                  |
| 402549  | 0          | 1          | 15          | 0                | 16                     | 179                                  |
| 402550  | 0          | 2          | 14          | 0                | 16                     | 95                                   |
| 402551  | 0          | 0          | 0           | 0                | 0                      | 73                                   |
| 402552  | 0          | 0          | 0           | 0                | 0                      | 103                                  |
| 402553  | 0          | 0          | 0           | 0                | 0                      | 57                                   |
| 402554  | 0          | 0          | 0           | 0                | 0                      | 44                                   |
| 402555  | 0          | 0          | 0           | 0                | 0                      | 0                                    |
| 402556  | 0          | 0          | 0           | 0                | 0                      | 0                                    |
| 403301  | 0          | 0          | 8           | 0                | 8                      | 20                                   |
| <b>PR Total</b>   | <b>2</b>   | <b>23</b>  | <b>421</b>  | <b>0</b>         | <b>446</b>             | <b>5924</b>                          |
| 480001  | 0          | 0          | 0           | 0                | 0                      | 82                                   |
| 480002  | 0          | 0          | 0           | 0                | 0                      | 65                                   |
| 482500  | 0          | 0          | 0           | 0                | 0                      | 37                                   |
| 482501  | 0          | 0          | 0           | 0                | 0                      | 23                                   |
| 482502  | 0          | 0          | 0           | 0                | 0                      | 17                                   |
| <b>VI Total</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>    | <b>0</b>         | <b>0</b>               | <b>224</b>                           |
| <b>Network Total</b>  | <b>127</b> | <b>181</b> | <b>1210</b> | <b>0</b>         | <b>1518</b>            | <b>20190</b>                         |
| 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. |            |            |             |                  |                        |                                      |

**Network 3**
**Created: May 22, 2017**
**Table 4. In-Center Dialysis Patients in Network 3'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 |
|--------------|-----|----|--------------------------|--------------------------------------|
| 31001F       | 44  | 0  | 44                       | 44                                   |
| 310025       | 54  | 0  | 54                       | 54                                   |
| 310027       | 67  | 0  | 67                       | 71                                   |
| 310032       | 101 | 0  | 101                      | 101                                  |
| 310054       | 195 | 0  | 195                      | 202                                  |
| 310064       | 63  | 0  | 63                       | 63                                   |
| 310083       | 134 | 0  | 134                      | 134                                  |
| 310092       | 126 | 0  | 126                      | 136                                  |
| 312501       | 186 | 0  | 186                      | 186                                  |
| 312502       | 228 | 0  | 228                      | 228                                  |
| 312503       | 100 | 0  | 100                      | 114                                  |
| 312504       | 115 | 0  | 115                      | 115                                  |
| 312505       | 99  | 0  | 99                       | 112                                  |
| 312506       | 77  | 0  | 77                       | 77                                   |
| 312508       | 87  | 0  | 87                       | 133                                  |
| 312509       | 194 | 0  | 194                      | 221                                  |
| 312510       | 97  | 0  | 97                       | 97                                   |
| 312513       | 103 | 0  | 103                      | 129                                  |
| 312514       | 87  | 0  | 87                       | 92                                   |
| 312515       | 67  | 0  | 67                       | 67                                   |
| 312516       | 42  | 0  | 42                       | 42                                   |
| 312517       | 84  | 0  | 84                       | 86                                   |
| 312518       | 100 | 0  | 100                      | 100                                  |
| 312520       | 79  | 0  | 79                       | 92                                   |
| 312521       | 62  | 0  | 62                       | 62                                   |
| 312522       | 99  | 0  | 99                       | 103                                  |
| 312523       | 57  | 0  | 57                       | 63                                   |
| 312524       | 0   | 0  | 0                        | 22                                   |
| 312525       | 114 | 0  | 114                      | 170                                  |
| 312527       | 72  | 0  | 72                       | 72                                   |
| 312528       | 84  | 0  | 84                       | 93                                   |
| 312529       | 96  | 0  | 96                       | 96                                   |
| 312530       | 85  | 0  | 85                       | 85                                   |
| 312531       | 73  | 0  | 73                       | 73                                   |



| Facility CCN | HD  | PD | Total In-Center Patients | Total In-Center and In-Home Patients |
|--------------|-----|----|--------------------------|--------------------------------------|
| 312532       | 97  | 0  | 97                       | 97                                   |
| 312533       | 114 | 0  | 114                      | 114                                  |
| 312534       | 67  | 0  | 67                       | 67                                   |
| 312535       | 87  | 1  | 88                       | 99                                   |
| 312536       | 127 | 0  | 127                      | 149                                  |
| 312537       | 91  | 0  | 91                       | 112                                  |
| 312538       | 112 | 0  | 112                      | 112                                  |
| 312540       | 104 | 0  | 104                      | 104                                  |
| 312541       | 66  | 0  | 66                       | 66                                   |
| 312542       | 130 | 0  | 130                      | 130                                  |
| 312543       | 92  | 0  | 92                       | 97                                   |
| 312544       | 61  | 0  | 61                       | 69                                   |
| 312545       | 86  | 0  | 86                       | 93                                   |
| 312546       | 121 | 0  | 121                      | 121                                  |
| 312547       | 45  | 0  | 45                       | 45                                   |
| 312548       | 48  | 0  | 48                       | 48                                   |
| 312550       | 49  | 0  | 49                       | 61                                   |
| 312551       | 86  | 0  | 86                       | 112                                  |
| 312552       | 93  | 0  | 93                       | 100                                  |
| 312553       | 113 | 0  | 113                      | 115                                  |
| 312554       | 118 | 0  | 118                      | 135                                  |
| 312555       | 32  | 0  | 32                       | 32                                   |
| 312557       | 103 | 0  | 103                      | 111                                  |
| 312558       | 109 | 0  | 109                      | 116                                  |
| 312559       | 109 | 0  | 109                      | 127                                  |
| 312560       | 107 | 0  | 107                      | 109                                  |
| 312561       | 52  | 0  | 52                       | 63                                   |
| 312562       | 85  | 0  | 85                       | 85                                   |
| 312563       | 79  | 0  | 79                       | 94                                   |
| 312564       | 98  | 0  | 98                       | 98                                   |
| 312565       | 40  | 0  | 40                       | 40                                   |
| 312566       | 100 | 0  | 100                      | 110                                  |
| 312567       | 83  | 0  | 83                       | 83                                   |
| 312568       | 105 | 0  | 105                      | 105                                  |
| 312569       | 55  | 0  | 55                       | 55                                   |
| 312570       | 99  | 0  | 99                       | 109                                  |
| 312571       | 74  | 0  | 74                       | 76                                   |
| 312572       | 70  | 0  | 70                       | 85                                   |
| 312573       | 151 | 0  | 151                      | 151                                  |

| Facility CCN | HD  | PD | Total In-Center Patients | Total In-Center and In-Home Patients |
|--------------|-----|----|--------------------------|--------------------------------------|
| 312574       | 85  | 0  | 85                       | 122                                  |
| 312575       | 61  | 0  | 61                       | 61                                   |
| 312576       | 92  | 0  | 92                       | 99                                   |
| 312578       | 98  | 0  | 98                       | 98                                   |
| 312579       | 66  | 0  | 66                       | 66                                   |
| 312580       | 131 | 0  | 131                      | 131                                  |
| 312581       | 108 | 0  | 108                      | 108                                  |
| 312582       | 91  | 0  | 91                       | 91                                   |
| 312583       | 65  | 0  | 65                       | 79                                   |
| 312584       | 82  | 0  | 82                       | 87                                   |
| 312585       | 95  | 0  | 95                       | 102                                  |
| 312586       | 81  | 0  | 81                       | 81                                   |
| 312587       | 85  | 0  | 85                       | 89                                   |
| 312588       | 76  | 0  | 76                       | 76                                   |
| 312589       | 45  | 0  | 45                       | 45                                   |
| 312590       | 72  | 0  | 72                       | 89                                   |
| 312591       | 0   | 0  | 0                        | 23                                   |
| 312592       | 53  | 0  | 53                       | 71                                   |
| 312593       | 123 | 0  | 123                      | 131                                  |
| 312594       | 77  | 0  | 77                       | 77                                   |
| 312595       | 47  | 0  | 47                       | 47                                   |
| 312596       | 62  | 0  | 62                       | 62                                   |
| 312597       | 63  | 0  | 63                       | 63                                   |
| 312598       | 105 | 0  | 105                      | 105                                  |
| 312599       | 53  | 0  | 53                       | 53                                   |
| 312600       | 58  | 0  | 58                       | 61                                   |
| 312602       | 49  | 0  | 49                       | 60                                   |
| 312603       | 48  | 0  | 48                       | 49                                   |
| 312604       | 64  | 0  | 64                       | 64                                   |
| 312605       | 17  | 0  | 17                       | 17                                   |
| 312606       | 89  | 0  | 89                       | 94                                   |
| 312607       | 74  | 0  | 74                       | 77                                   |
| 312608       | 49  | 0  | 49                       | 56                                   |
| 312609       | 44  | 0  | 44                       | 54                                   |
| 312610       | 49  | 0  | 49                       | 77                                   |
| 312611       | 72  | 0  | 72                       | 84                                   |
| 312612       | 99  | 0  | 99                       | 105                                  |
| 312613       | 35  | 0  | 35                       | 35                                   |
| 312614       | 331 | 0  | 331                      | 363                                  |

| Facility CCN | HD  | PD | Total In-Center Patients | Total In-Center and In-Home Patients |
|--------------|-----|----|--------------------------|--------------------------------------|
| 312615       | 198 | 0  | 198                      | 219                                  |
| 312616       | 98  | 0  | 98                       | 98                                   |
| 312617       | 51  | 0  | 51                       | 51                                   |
| 312618       | 120 | 0  | 120                      | 120                                  |
| 312619       | 99  | 0  | 99                       | 110                                  |
| 312620       | 72  | 0  | 72                       | 72                                   |
| 312621       | 98  | 0  | 98                       | 102                                  |
| 312622       | 156 | 0  | 156                      | 167                                  |
| 312623       | 52  | 0  | 52                       | 52                                   |
| 312624       | 62  | 0  | 62                       | 72                                   |
| 312625       | 43  | 0  | 43                       | 46                                   |
| 312626       | 92  | 0  | 92                       | 95                                   |
| 312627       | 87  | 0  | 87                       | 87                                   |
| 312628       | 100 | 0  | 100                      | 108                                  |
| 312629       | 75  | 0  | 75                       | 82                                   |
| 312630       | 74  | 0  | 74                       | 86                                   |
| 312631       | 0   | 0  | 0                        | 5                                    |
| 312632       | 37  | 0  | 37                       | 37                                   |
| 312633       | 40  | 0  | 40                       | 47                                   |
| 312634       | 53  | 0  | 53                       | 59                                   |
| 312635       | 49  | 0  | 49                       | 58                                   |
| 312636       | 33  | 0  | 33                       | 39                                   |
| 312637       | 67  | 0  | 67                       | 82                                   |
| 312638       | 78  | 0  | 78                       | 90                                   |
| 312639       | 50  | 0  | 50                       | 52                                   |
| 312640       | 34  | 0  | 34                       | 34                                   |
| 312641       | 50  | 0  | 50                       | 64                                   |
| 312642       | 64  | 0  | 64                       | 68                                   |
| 312643       | 52  | 0  | 52                       | 52                                   |
| 312644       | 24  | 0  | 24                       | 24                                   |
| 312645       | 61  | 0  | 61                       | 72                                   |
| 312646       | 0   | 0  | 0                        | 36                                   |
| 312647       | 27  | 0  | 27                       | 30                                   |
| 312648       | 40  | 0  | 40                       | 44                                   |
| 312649       | 32  | 0  | 32                       | 37                                   |
| 312650       | 0   | 0  | 0                        | 5                                    |
| 312651       | 34  | 0  | 34                       | 40                                   |
| 312652       | 32  | 0  | 32                       | 34                                   |
| 312653       | 0   | 0  | 0                        | 25                                   |

| Facility CCN    | HD           | PD       | Total In-Center Patients | Total In-Center and In-Home Patients |
|-----------------|--------------|----------|--------------------------|--------------------------------------|
| 312654          | 24           | 0        | 24                       | 28                                   |
| 312655          | 17           | 0        | 17                       | 18                                   |
| 312656          | 23           | 0        | 23                       | 23                                   |
| 312657          | 18           | 0        | 18                       | 20                                   |
| 312658          | 113          | 0        | 113                      | 122                                  |
| 312659          | 93           | 0        | 93                       | 105                                  |
| 312660          | 56           | 0        | 56                       | 56                                   |
| 312661          | 6            | 0        | 6                        | 6                                    |
| 312662          | 5            | 0        | 5                        | 5                                    |
| 312663          | 12           | 0        | 12                       | 12                                   |
| 312664          | 5            | 0        | 5                        | 6                                    |
| 313501          | 184          | 0        | 184                      | 202                                  |
| 313503          | 89           | 0        | 89                       | 89                                   |
| 313517          | 189          | 0        | 189                      | 189                                  |
| 313519          | 78           | 0        | 78                       | 78                                   |
| <b>NJ Total</b> | <b>12969</b> | <b>1</b> | <b>12970</b>             | <b>14042</b>                         |
| 400016          | 0            | 0        | 0                        | 0                                    |
| 40003F          | 36           | 0        | 36                       | 36                                   |
| 400061          | 56           | 0        | 56                       | 56                                   |
| 402501          | 150          | 0        | 150                      | 150                                  |
| 402502          | 153          | 0        | 153                      | 165                                  |
| 402503          | 130          | 0        | 130                      | 130                                  |
| 402504          | 141          | 0        | 141                      | 141                                  |
| 402505          | 182          | 0        | 182                      | 211                                  |
| 402506          | 107          | 0        | 107                      | 107                                  |
| 402507          | 151          | 0        | 151                      | 151                                  |
| 402508          | 114          | 0        | 114                      | 126                                  |
| 402509          | 125          | 0        | 125                      | 125                                  |
| 402510          | 209          | 0        | 209                      | 254                                  |
| 402513          | 89           | 0        | 89                       | 118                                  |
| 402514          | 179          | 0        | 179                      | 179                                  |
| 402515          | 173          | 0        | 173                      | 216                                  |
| 402517          | 140          | 0        | 140                      | 165                                  |
| 402518          | 157          | 0        | 157                      | 168                                  |
| 402519          | 137          | 0        | 137                      | 169                                  |
| 402521          | 112          | 0        | 112                      | 112                                  |
| 402525          | 105          | 0        | 105                      | 132                                  |
| 402527          | 163          | 0        | 163                      | 184                                  |
| 402528          | 88           | 0        | 88                       | 96                                   |

|                          |              |          |              |              |
|--------------------------|--------------|----------|--------------|--------------|
| 402529                   | 90           | 0        | 90           | 90           |
| 402530                   | 245          | 0        | 245          | 269          |
| 402531                   | 106          | 0        | 106          | 116          |
| 402533                   | 186          | 0        | 186          | 194          |
| 402534                   | 99           | 0        | 99           | 99           |
| 402535                   | 74           | 0        | 74           | 74           |
| 402536                   | 87           | 0        | 87           | 87           |
| 402537                   | 99           | 0        | 99           | 99           |
| 402538                   | 152          | 0        | 152          | 160          |
| 402539                   | 174          | 0        | 174          | 183          |
| 402540                   | 111          | 0        | 111          | 132          |
| 402541                   | 192          | 0        | 192          | 211          |
| 402543                   | 149          | 0        | 149          | 162          |
| 402544                   | 16           | 0        | 16           | 16           |
| 402546                   | 93           | 0        | 93           | 93           |
| 402547                   | 64           | 0        | 64           | 64           |
| 402548                   | 113          | 0        | 113          | 113          |
| 402549                   | 163          | 0        | 163          | 179          |
| 402550                   | 79           | 0        | 79           | 95           |
| 402551                   | 73           | 0        | 73           | 73           |
| 402552                   | 103          | 0        | 103          | 103          |
| 402553                   | 57           | 0        | 57           | 57           |
| 402554                   | 44           | 0        | 44           | 44           |
| 402555                   | 0            | 0        | 0            | 0            |
| 402556                   | 0            | 0        | 0            | 0            |
| 403301                   | 12           | 0        | 12           | 20           |
| <b>PR Total</b>          | <b>5478</b>  | <b>0</b> | <b>5478</b>  | <b>5924</b>  |
| 480001                   | 82           | 0        | 82           | 82           |
| 480002                   | 65           | 0        | 65           | 65           |
| 482500                   | 37           | 0        | 37           | 37           |
| 482501                   | 23           | 0        | 23           | 23           |
| 482502                   | 17           | 0        | 17           | 17           |
| <b>VI Total</b>          | <b>224</b>   | <b>0</b> | <b>224</b>   | <b>224</b>   |
| <b>Network<br/>Total</b> | <b>18671</b> | <b>1</b> | <b>18672</b> | <b>20190</b> |

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 3's Service Area, by Transplant Center and Donor Type and Number of Patients on Transplant Waiting List\* in Network 3's Service Area, by Transplant Center**

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 |
|-----------------------|----------------|----------------------|------------------------|--------------------|-----------------------------|-------------------------------------|
| 310001                | 24             | 7                    | 9                      | 0                  | 40                          | 172                                 |
| 310002                | 5              | 0                    | 0                      | 0                  | 5                           | 0                                   |
| 310029                | 42             | 3                    | 2                      | 0                  | 47                          | 283                                 |
| 310038                | 43             | 11                   | 8                      | 0                  | 62                          | 440                                 |
| 310076                | 157            | 64                   | 83                     | 0                  | 304                         | 1015                                |
| <b>NJ Total</b>       | <b>271</b>     | <b>85</b>            | <b>102</b>             | <b>0</b>           | <b>458</b>                  | <b>1910</b>                         |
| 400016                | 86             | 3                    | 6                      | 0                  | 95                          | 450                                 |
| <b>PR Total</b>       | <b>86</b>      | <b>3</b>             | <b>6</b>               | <b>0</b>           | <b>95</b>                   | <b>450</b>                          |
| <b>Network Total</b>  | <b>357</b>     | <b>88</b>            | <b>108</b>             | <b>0</b>           | <b>553</b>                  | <b>2360</b>                         |

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

\*As of December 31, 2016

Table 6: Renal Transplant\* Recipients in Network 3's Service Area, by Patient Characteristics

January 1, 2016 - December 31, 2016

| Network 3's Service Area                  | New Jersey | Puerto Rico | Virgin Islands | Other | Network Total | Percent |
|---|------------|-------------|----------------|-------|---------------|---------|
| <b>Age Group</b>                          |            |             |                |       |               |         |
| <= 4 Years                                | 3          | 0           | 0              | 0     | 3             | 0.5%    |
| 5-9 Years                                 | 0          | 0           | 0              | 1     | 1             | 0.2%    |
| 10-14 Years                               | 6          | 0           | 0              | 0     | 6             | 1.1%    |
| 15-19 Years                               | 6          | 0           | 0              | 1     | 7             | 1.3%    |
| 20-24 Years                               | 11         | 4           | 0              | 1     | 16            | 2.9%    |
| 25-29 Years                               | 20         | 4           | 0              | 1     | 25            | 4.5%    |
| 30-34 Years                               | 25         | 9           | 0              | 0     | 34            | 6.2%    |
| 35-39 Years                               | 34         | 5           | 0              | 7     | 46            | 8.3%    |
| 40-44 Years                               | 28         | 13          | 0              | 6     | 47            | 8.5%    |
| 45-49 Years                               | 46         | 15          | 0              | 4     | 65            | 11.8%   |
| 50-54 Years                               | 48         | 15          | 0              | 2     | 65            | 11.8%   |
| 55-59 Years                               | 62         | 11          | 0              | 7     | 80            | 14.5%   |
| 60-64 Years                               | 59         | 10          | 0              | 5     | 74            | 13.4%   |
| 65-69 Years                               | 49         | 3           | 0              | 0     | 52            | 9.4%    |
| 70-74 Years                               | 21         | 5           | 0              | 3     | 29            | 5.3%    |
| 75-79 Years                               | 1          | 0           | 0              | 0     | 1             | 0.2%    |
| 80-84 Years                               | 0          | 0           | 0              | 0     | 0             | 0.0%    |
| >= 85 Years                               | 0          | 0           | 0              | 0     | 0             | 0.0%    |
| <b>Total</b>                              | 419        | 94          | 0              | 38    | 551           | 100.0%  |
| Median Age                                | 52         | 49          | 0              | 48    | 51            |         |
| <b>Gender</b>                             |            |             |                |       |               |         |
| Female                                    | 143        | 38          | 0              | 9     | 190           | 34.5%   |
| Male                                      | 276        | 56          | 0              | 29    | 361           | 65.5%   |
| <b>Total</b>                              | 419        | 94          | 0              | 38    | 551           | 100.0%  |
| <b>Ethnicity*</b>                         |            |             |                |       |               |         |
| Hispanic or Latino                        | 63         | 93          | 0              | 5     | 161           | 29.2%   |
| Not Hispanic or Latino                    | 349        | 1           | 0              | 33    | 383           | 69.5%   |
| Not Specified                             | 7          | 0           | 0              | 0     | 7             | 1.3%    |
| <b>Total</b>                              | 419        | 94          | 0              | 38    | 551           | 100.0%  |
| <b>Race*</b>                              |            |             |                |       |               |         |
| American Indian/Alaska Native             | 0          | 0           | 0              | 0     | 0             | 0.0%    |
| Asian                                     | 23         | 1           | 0              | 2     | 26            | 4.7%    |
| Black or African American                 | 125        | 4           | 0              | 11    | 140           | 25.4%   |
| Native Hawaiian or Other Pacific Islander | 4          | 0           | 0              | 0     | 4             | 0.7%    |



| Network 3's Service Area                    | New Jersey | Puerto Rico | Virgin Islands | Other     | Network Total | Percent       |
|---|------------|-------------|----------------|-----------|---------------|---------------|
| White                                       | 260        | 89          | 0              | 24        | 373           | 67.7%         |
| More Than One Race Reported                 | 0          | 0           | 0              | 1         | 1             | 0.2%          |
| Not Specified                               | 7          | 0           | 0              | 0         | 7             | 1.3%          |
| <b>Total</b>                                | <b>419</b> | <b>94</b>   | <b>0</b>       | <b>38</b> | <b>551</b>    | <b>100.0%</b> |
| <b>Primary Cause of ESRD**</b>              |            |             |                |           |               |               |
| Diabetes                                    | 115        | 34          | 0              | 13        | 162           | 29.4%         |
| Glomerulonephritis                          | 73         | 29          | 0              | 9         | 111           | 20.1%         |
| Secondary Glomerulonephritis/Vasculitis     | 23         | 5           | 0              | 1         | 29            | 5.3%          |
| Interstitial Nephritis/Pyelonephritis       | 11         | 2           | 0              | 2         | 15            | 2.7%          |
| Transplant Complications                    | 0          | 0           | 0              | 0         | 0             | 0.0%          |
| Hypertension/Large Vessel Disease           | 104        | 13          | 0              | 2         | 119           | 21.6%         |
| Cystic/Hereditary/Congenital/Other Diseases | 39         | 5           | 0              | 7         | 51            | 9.3%          |
| Neoplasms/Tumors                            | 18         | 3           | 0              | 3         | 24            | 4.4%          |
| Disorders of Mineral Metabolism             | 0          | 0           | 0              | 0         | 0             | 0.0%          |
| Genitourinary System                        | 0          | 0           | 0              | 0         | 0             | 0.0%          |
| Acute Kidney Failure                        | 2          | 0           | 0              | 0         | 2             | 0.4%          |
| Miscellaneous Conditions                    | 26         | 3           | 0              | 1         | 30            | 5.4%          |
| Not Specified                               | 8          | 94          | 0              | 38        | 8             | 1.5%          |
| <b>Total</b>                                | <b>419</b> | <b>188</b>  | <b>0</b>       | <b>76</b> | <b>551</b>    | <b>100.0%</b> |

Source of data: CROWNWeb.

\*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.

\*\*Categories are from the CMS-2728 form.

**NOTES:**

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

Table 7. Deaths among Dialysis Patients in Network 3's Service Area, by Patient Characteristics

January 1, 2016 - December 31, 2016

| Network 3's Service Area                  | New Jersey | Puerto Rico | Virgin Islands | Other | Network | Percent |
|---|------------|-------------|----------------|-------|---------|---------|
| <b>Age Group</b>                          |            |             |                |       |         |         |
| <= 4 Years                                | 1          | 0           | 0              | 0     | 1       | 0.0%    |
| 5-9 Years                                 | 0          | 0           | 0              | 0     | 0       | 0.0%    |
| 10-14 Years                               | 0          | 0           | 0              | 0     | 0       | 0.0%    |
| 15-19 Years                               | 1          | 0           | 0              | 0     | 1       | 0.0%    |
| 20-24 Years                               | 4          | 1           | 0              | 0     | 5       | 0.1%    |
| 25-29 Years                               | 5          | 2           | 0              | 0     | 7       | 0.2%    |
| 30-34 Years                               | 7          | 8           | 0              | 0     | 15      | 0.4%    |
| 35-39 Years                               | 29         | 19          | 0              | 0     | 48      | 1.2%    |
| 40-44 Years                               | 31         | 21          | 0              | 0     | 52      | 1.3%    |
| 45-49 Years                               | 59         | 42          | 0              | 2     | 103     | 2.7%    |
| 50-54 Years                               | 106        | 75          | 2              | 4     | 187     | 4.8%    |
| 55-59 Years                               | 191        | 112         | 2              | 6     | 311     | 8.0%    |
| 60-64 Years                               | 265        | 143         | 4              | 3     | 415     | 10.7%   |
| 65-69 Years                               | 329        | 194         | 4              | 5     | 532     | 13.8%   |
| 70-74 Years                               | 390        | 175         | 5              | 8     | 578     | 14.9%   |
| 75-79 Years                               | 389        | 152         | 4              | 5     | 550     | 14.2%   |
| 80-84 Years                               | 384        | 112         | 5              | 4     | 505     | 13.1%   |
| >= 85 Years                               | 469        | 84          | 3              | 3     | 559     | 14.4%   |
| <b>Total</b>                              | 2660       | 1140        | 29             | 40    | 3869    | 100.0%  |
| Median Age                                | 73         | 69          | 73             | 69    | 72      |         |
| <b>Gender</b>                             |            |             |                |       |         |         |
| Female                                    | 1122       | 463         | 12             | 18    | 1615    | 41.7%   |
| Male                                      | 1538       | 677         | 17             | 22    | 2254    | 58.3%   |
| <b>Total</b>                              | 2660       | 1140        | 29             | 40    | 3869    | 100.0%  |
| <b>Ethnicity*</b>                         |            |             |                |       |         |         |
| Hispanic or Latino                        | 220        | 1128        | 5              | 9     | 1362    | 35.2%   |
| Not Hispanic or Latino                    | 2440       | 12          | 24             | 31    | 2507    | 64.8%   |
| <b>Total</b>                              | 2660       | 1140        | 29             | 40    | 3869    | 100.0%  |
| <b>Race*</b>                              |            |             |                |       |         |         |
| American Indian/Alaska Native             | 2          | 1           | 0              | 0     | 3       | 0.1%    |
| Asian                                     | 83         | 0           | 0              | 1     | 84      | 2.2%    |
| Black or African American                 | 721        | 79          | 24             | 5     | 829     | 21.4%   |
| Native Hawaiian or Other Pacific Islander | 16         | 0           | 2              | 0     | 18      | 0.5%    |
| White                                     | 1834       | 1039        | 3              | 34    | 2910    | 75.2%   |

| Network 3's Service Area                    | New Jersey | Puerto Rico | Virgin Islands | Other | Network | Percent |
|---|------------|-------------|----------------|-------|---------|---------|
| More Than One Race Reported                 | 4          | 21          | 0              | 0     | 25      | 0.6%    |
| <b>Total</b>                                | 2660       | 1140        | 29             | 40    | 3869    | 100.0%  |
| <b>Primary Cause of ESRD*</b>               |            |             |                |       |         |         |
| Diabetes                                    | 1174       | 765         | 14             | 21    | 1974    | 51.0%   |
| Glomerulonephritis                          | 127        | 60          | 0              | 0     | 187     | 4.8%    |
| Secondary Glomerulonephritis/Vasculitis     | 35         | 10          | 0              | 1     | 46      | 1.2%    |
| Interstitial Nephritis/Pyelonephritis       | 65         | 29          | 0              | 0     | 94      | 2.4%    |
| Transplant Complications                    | 2          | 0           | 0              | 0     | 2       | 0.1%    |
| Hypertension/Large Vessel Disease           | 905        | 176         | 12             | 13    | 1106    | 28.6%   |
| Cystic/Hereditary/Congenital/Other Diseases | 45         | 15          | 0              | 0     | 60      | 1.6%    |
| Neoplasms/Tumors                            | 99         | 38          | 0              | 2     | 139     | 3.6%    |
| Disorders of Mineral Metabolism             | 0          | 0           | 0              | 0     | 0       | 0.0%    |
| Genitourinary System                        | 1          | 0           | 0              | 0     | 1       | 0.0%    |
| Acute Kidney Failure                        | 23         | 5           | 0              | 0     | 28      | 0.7%    |
| Miscellaneous Conditions                    | 180        | 40          | 3              | 3     | 226     | 5.8%    |
| Not Specified                               | 4          | 2           |                |       | 6       | 0.2%    |
| <b>Total</b>                                | 2660       | 1140        | 29             | 40    | 3869    | 100.0%  |
| <b>Primary Cause of Death**</b>             |            |             |                |       |         |         |
| Cardiac                                     | 1212       | 471         | 11             | 23    | 1717    | 44.4%   |
| Endocrine                                   | 0          | 0           | 0              | 0     | 0       | 0.0%    |
| Gastrointestinal                            | 21         | 26          | 1              | 0     | 48      | 1.2%    |
| Infection                                   | 237        | 252         | 2              | 2     | 493     | 12.7%   |
| Liver Disease                               | 21         | 12          | 0              | 0     | 33      | 0.9%    |
| Metabolic                                   | 11         | 5           | 1              | 0     | 17      | 0.4%    |
| Vascular                                    | 97         | 72          | 4              | 2     | 175     | 4.5%    |
| Other                                       | 646        | 148         | 9              | 5     | 808     | 20.9%   |
| Unknown                                     | 382        | 150         | 1              | 8     | 541     | 14.0%   |
| Not Specified                               | 33         | 4           |                |       | 37      | 1.0%    |
| <b>Total</b>                                | 2660       | 1140        | 29             | 40    | 3869    | 100.0%  |

Source of data: CROWNWeb.

\*Categories are from the CMS-2728 form.

\*\*Categories are from the CMS-2746 form.

NOTES:

1. This table may include data on some patients who received dialysis services from U.S. Department of Veterans Affairs (VA) facilities.
2. Data on "ethnicity" and "race" should be interpreted with caution because of the inherent instability of race/ethnicity data.

| Network 3   |                    | Created: May 23, 2017          |                              |                                 |   |
|---|--------------------|--------------------------------|------------------------------|---------------------------------|---|
| Table 8a: Vocational Rehabilitation Status, Employment Status, and School Attendance of Prevalent Dialysis Patients Age 18–54 Years in Network 3’s Service Area |                    |                                |                              |                                 |   |
| As of December 31, 2016   |                    |                                |                              |                                 |   |
| State   | 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 |
| NJ  | 3430               | 14                             | 5                            | 741                             | 29                                      |
| PR  | 1492               | 29                             | 11                           | 226                             | 18                                      |
| VI  | 64                 | 0                              | 3                            | 25                              | 0                                       |
| Network Total   | 4986               | 43                             | 19                           | 992                             | 47                                      |

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 3's Service Area**

**As of December 31, 2015**

| 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 |
|--|--------------------------------|------------------------------|------------------------------|-------------------------------------|-----------------------------|---------------------|
| <b>Employed Full-Time</b>              |                                |                              |                              |                                     |                             |                     |
| Attending School Full-Time             | 0                              | 0                            | 0                            | 0                                   | 0                           | 0                   |
| Attending School Part-Time             | 0                              | 0                            | 0                            | 0                                   | 0                           | 2                   |
| Not Attending School                   | 1                              | 0                            | 0                            | 11                                  | 36                          | 20                  |
| School Status Not Specified            | 4                              | 0                            | 1                            | 0                                   | 8                           | 653                 |
| <b>Employed Part-Time</b>              |                                |                              |                              |                                     |                             |                     |
| Attending School Full-Time             | 0                              | 0                            | 0                            | 0                                   | 0                           | 2                   |
| Attending School Part-Time             | 0                              | 1                            | 0                            | 0                                   | 2                           | 2                   |
| Not Attending School                   | 2                              | 0                            | 0                            | 1                                   | 25                          | 9                   |
| School Status Not Specified            | 3                              | 0                            | 4                            | 1                                   | 5                           | 199                 |
| <b>Employment Status Not Specified</b> |                                |                              |                              |                                     |                             |                     |
| Attending School Full-Time             | 0                              | 2                            | 0                            | 0                                   | 0                           | 4                   |
| Attending School Part-Time             | 0                              | 0                            | 0                            | 0                                   | 0                           | 1                   |
| Not Attending School                   | 0                              | 0                            | 0                            | 0                                   | 1                           | 39                  |
| School Status Not Specified            | 0                              | 3                            | 2                            | 2                                   | 13                          | 1015                |
| <b>Homemaker</b>                       |                                |                              |                              |                                     |                             |                     |
| 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                            | 2                                   | 21                          | 2                   |
| School Status Not Specified            | 0                              | 1                            | 0                            | 1                                   | 5                           | 93                  |
| <b>Retired*</b>                        |                                |                              |                              |                                     |                             |                     |
| Attending School Full-Time             | 0                              | 3                            | 0                            | 0                                   | 1                           | 0                   |
| Attending School Part-Time             | 0                              | 0                            | 0                            | 0                                   | 0                           | 0                   |
| Not Attending School                   | 7                              | 1                            | 0                            | 19                                  | 109                         | 22                  |
| School Status Not Specified            | 3                              | 0                            | 0                            | 5                                   | 21                          | 662                 |
| <b>Medical Leave of Absence</b>        |                                |                              |                              |                                     |                             |                     |
| Attending School Full-Time             | 0                              | 0                            | 0                            | 0                                   | 0                           | 0                   |
| Attending School Part-Time             | 0                              | 0                            | 0                            | 0                                   | 0                           | 0                   |
| Not Attending School                   | 1                              | 0                            | 0                            | 1                                   | 7                           | 8                   |
| School Status Not Specified            | 1                              | 0                            | 0                            | 1                                   | 2                           | 166                 |
| <b>Other**</b>                         |                                |                              |                              |                                     |                             |                     |
| Attending School Full-Time             | 2                              | 1                            | 0                            | 0                                   | 0                           | 12                  |
| Attending School Part-Time             | 1                              | 1                            | 0                            | 1                                   | 3                           | 6                   |
| Not Attending School                   | 10                             | 3                            | 0                            | 29                                  | 121                         | 81                  |

| 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 |
|-----------------------------|--------------------------------|------------------------------|------------------------------|-------------------------------------|-----------------------------|---------------------|
| School Status Not Specified | 6                              | 3                            | 0                            | 4                                   | 15                          | 1445                |

Source of data: CROWNWeb.

\*Retired due to preference or disability.

\*\*Other = Employment Status of Student or Unemployed

Voc Rehab = Vocational Rehabilitation

Table 9a: Incident ESRD Patients in Network 3'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                                     | 4           | 0.2%    |
|                         | Black or African American                 | 73          | 3.8%    |
|                         | Native Hawaiian or Other Pacific Islander | 11          | 0.6%    |
|                         | White                                     | 1812        | 95.2%   |
|                         | More Than One Race Reported               | 4           | 0.2%    |
|                         | <b>Total</b>                              | 1904        | 100.0%  |
|                         |   |             |         |
| Not Hispanic or Latino  | American Indian/Alaska Native             | 1           | 0.0%    |
|                         | Asian                                     | 160         | 4.8%    |
|                         | Black or African American                 | 991         | 30.0%   |
|                         | Native Hawaiian or Other Pacific Islander | 22          | 0.7%    |
|                         | White                                     | 2120        | 64.2%   |
|                         | More Than One Race Reported               | 7           | 0.2%    |
|                         | <b>Total</b>                              | 3301        | 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                             | 6           | 100.0%  |
|                         | <b>Total</b>                              | 6           | 100.0%  |
|                         | <b>Total: Incident ESRD Patients</b>      | <b>5211</b> |         |

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 9b: Prevalent Dialysis Patients in Network 3'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            | 0.0%    |
|                         | Asian                                     | 14           | 0.2%    |
|                         | Black or African American                 | 490          | 6.4%    |
|                         | Native Hawaiian or Other Pacific Islander | 29           | 0.4%    |
|                         | White                                     | 6997         | 91.5%   |
|                         | More Than One Race Reported               | 118          | 1.5%    |
|                         | <b>Total</b>                              | 7649         | 100.0%  |
| Not Hispanic or Latino  | American Indian/Alaska Native             | 6            | 0.0%    |
|                         | Asian                                     | 621          | 5.0%    |
|                         | Black or African American                 | 5412         | 43.3%   |
|                         | Native Hawaiian or Other Pacific Islander | 106          | 0.8%    |
|                         | White                                     | 6307         | 50.5%   |
|                         | More Than One Race Reported               | 39           | 0.3%    |
|                         | <b>Total</b>                              | 12491        | 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                                     | 1            | 20.0%   |
|                         | More Than One Race Reported               | 0            | 0.0%    |
|                         | Not Specified                             | 4            | 80.0%   |
|                         | <b>Total</b>                              | 5            | 100.0%  |
|                         | <b>Total: Prevalent ESRD Patients</b>     | <b>20145</b> |         |

Source of data: CROWNWeb.

\*Categories are from the CMS-2728 form.

## 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.



Table 9c: Renal Transplant Recipients\* in Network 3'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                                     | 0          | 0.0%    |
|                         | Black or African American                 | 6          | 3.7%    |
|                         | Native Hawaiian or Other Pacific Islander | 1          | 0.6%    |
|                         | White                                     | 154        | 95.7%   |
|                         | More Than One Race Reported               | 0          | 0.0%    |
|                         | <b>Total</b>                              | 161        | 100.0%  |
| Not Hispanic or Latino  | American Indian/Alaska Native             | 0          | 0.0%    |
|                         | Asian                                     | 26         | 6.8%    |
|                         | Black or African American                 | 134        | 35.0%   |
|                         | Native Hawaiian or Other Pacific Islander | 3          | 0.8%    |
|                         | White                                     | 219        | 57.2%   |
|                         | More Than One Race Reported               | 1          | 0.3%    |
|                         | <b>Total</b>                              | 383        | 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                             | 7          | 100.0%  |
|                         | <b>Total</b>                              | 7          | 100.0%  |
|                         | <b>Total: Transplant ESRD Patients</b>    | <b>551</b> |         |

Source of data: CROWNWeb.

\*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.

\*\*Categories are from the CMS-2728 form.

## NOTES:

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