

STATE HEALTH COORDINATING COUNCIL

2016

North Carolina
Semiannual
Dialysis Report
July 2016



Health Service Regulation
HEALTH AND HUMAN SERVICES

July 2016 North Carolina Semiannual Dialysis Report

Issued July 1, 2016

Prepared by

Healthcare Planning and Certificate of Need Section
Division of Health Service Regulation
North Carolina Department of Health and Human Services

Under the direction of the

North Carolina State Health Coordinating Council

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M E M O R A N D U M

TO: Individuals Interested in the North Carolina Semiannual Dialysis Reports

FROM: Elizabeth K. Brown, Planner
Healthcare Planning and Certificate of Need Section

SUBJECT: July 2016 North Carolina Semiannual Dialysis Report

DATE: July 1, 2016

The North Carolina State Health Coordinating Council and the Healthcare Planning and Certificate of Need Section are pleased to make the "July 2016 Semiannual Dialysis Report" available. This report is published pursuant to Chapter 14 of the North Carolina 2016 State Medical Facilities Plan. It applies the County Need methodology based on patient data as of December 31, 2015 and calculates utilization rates for implementation of the Facility Need methodology.

Certificate of Need applications in response to the "July 2016 Semiannual Dialysis Report" are due on September 15, 2016 for review beginning October 1, 2016. The filing deadline is 5:30 p.m. on the Application Due Date. The filing deadline is absolute.

General questions about the Semiannual Dialysis Report may be directed to Healthcare Planning at 919-855-3865. For additional information regarding the Certificate of Need application process, please contact the Division of Health Service Regulation, Certificate of Need at 919-855-3873.



Office of the Director

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END-STAGE RENAL DISEASE DIALYSIS FACILITIES

Semiannual Dialysis Report, July 2016

Introduction

The North Carolina 2016 State Medical Facilities Plan requires semiannual determination of need for new dialysis stations in North Carolina. This approach calls for publication of “Semiannual Dialysis Reports” (SDR) during January and July. The North Carolina 2016 State Medical Facilities Plan specifies that the Semiannual Dialysis Reports “...will use facility, station and active patient data as of June 30, 2015 for the ‘January 2016 SDR,’ and as of December 31, 2015 for the ‘July 2016 SDR.’ A new, five-year trend line will be established in the ‘July 2016 SDR,’ based on validated data as reported to the Centers for Medicare & Medicaid Services (CMS) for the time period ending December 31, 2012 and dialysis provider self-reported data for the remaining reporting periods. This document is the “July 2016 SDR.” It reiterates the methodology and presents need determinations for the certificate of need review beginning October 1, 2016.

Summary of Dialysis Station Supply and Utilization

For purposes of the Semiannual Dialysis Report, as of June 3, 2016 there were 196 End-Stage Renal Disease (ESRD) dialysis facilities certified and operating in North Carolina providing a total of 4,801 dialysis stations. Certificates of need had been issued for an additional 196 dialysis stations, but the stations were not yet certified. Another 86 dialysis stations had been requested, but had not completed the certificate of need review and appeals process. The number of facilities per county ranged from zero to 16.

Utilization data as of December 31, 2015 are presented in the final two columns of Table A. Of the 193 certified facilities operational on that date, 93 were at or above 80 percent utilization (*i.e., operating with at least 3.2 patients per station*).

Changes in the Proposed Plan

No substantive changes to the dialysis need methodology have been incorporated into the North Carolina Proposed 2017 State Medical Facilities Plan. Dates have been advanced by one year, as needed to represent the time period for the 2017 Plan.

Sources of Data

Inventory Data:

Data on the current number of dialysis facilities and stations were obtained from Certificate of Need and from the Licensure and Certification Section, Division of Health Service Regulation, North Carolina Department of Health and Human Services.

Dialysis Patient Data:

Data on the dialysis population by county and by facility as of December 31, 2015 were provided by End-Stage Renal Disease providers operating certified dialysis facilities to the Division of Health Service Regulation, Healthcare Planning.

County data are designed to include all North Carolina residents of each county who are receiving dialysis, regardless of where they are currently being served. The numbers of North Carolina patients being served in North Carolina as of December 31, 2015 were provided by

certified dialysis providers. Data for December 31 of 2011, 2012, 2013, 2014 and 2015 provide for the five-year trend analysis.

Facility data include all patients being served by each provider as of December 31, 2015 regardless of the county or state of each patient's residence. These figures were also provided by certified dialysis providers.

Method for Projection of New Dialysis Station Need

The North Carolina 2016 State Medical Facilities Plan (SMFP) directs Healthcare Planning to "...determine need for new dialysis stations two times each calendar year, and...make a report of such determinations available to all who request it." The basic principles, methodology and timeline to be used were specified in the 2016 SMFP and are presented below:

Basic Principles

The principles underlying projection of need for additional dialysis stations are as follows:

1. Increases in the number of facilities or stations should be done to meet the specific need for either a new facility or an expansion.
2. New facilities must have a projected need for at least 10 stations (or 32 patients at 3.2 patients per station) to be cost-effective and to assure quality of care.
3. Healthcare Planning will maintain a list of existing facilities and stations, utilization rates and projected need by county that is updated semiannually. Updated projections will be available two times a year on a published schedule.

Existing or potential providers interested in expanding in any area of the state may contact Healthcare Planning for projected need in the area of interest. *(Note: A dialysis station's service area is the dialysis station planning area in which the dialysis station is located. Except for the Cherokee-Clay-Graham and the Avery-Mitchell-Yancey Multi-County Planning Areas, each of the 94 remaining counties is a separate dialysis station planning area.)*

4. Updates of the projections may target counties that have developed sufficient need to warrant consideration for facility expansion or for establishment of a new facility. Actual numbers are not published in the North Carolina State Medical Facilities Plan so they can be updated as appropriate by Healthcare Planning.
5. Home patients will not be included in the determination of need for new stations. Home patients include those that receive hemodialysis or peritoneal dialysis in their home.
6. No existing facility may expand unless its utilization is 80 percent or greater. Any facility at 80 percent utilization or greater may apply to expand.
7. Facilities reporting no patients to Healthcare Planning for four consecutive Semiannual Dialysis Reports will be excluded from future inventories.
8. Quality of Care: All facilities should comply with Medicare and Medicaid regulations relating to the delivery and certification of ESRD services and with relevant North Carolina statutory provisions. An applicant already involved in the provision of end-stage

renal disease services should provide evidence that care of high quality has been provided in the past. The following are considered indicators of quality of care. Existing providers proposing to expand their operations should include in their applications data which include, but are not limited to, the following:

- a. utilization rates;
 - b. morbidity and mortality rates;
 - c. numbers of patients that are home trained and patients on home dialysis;
 - d. number of patients receiving transplants;
 - e. number of patients currently on the transplant waiting list;
 - f. hospital admission rates; and,
 - g. conversion rates for patients who have acquired hepatitis or AIDS.
9. Availability of Manpower and Ancillary/Support Services: The applicant should show evidence of the availability of qualified staff and other health manpower and management for the provision of quality ESRD services as well as the availability of a safe and adequate water supply, provision for treatment of wastewater discharge and a standing electrical service with backup capabilities.
10. Patient Access to In-Center ESRD Services: As a means of making ESRD services more accessible to patients, one of the goals of the North Carolina Department of Health and Human Services is to minimize patient travel time to and from the center. Therefore,
- a. end-stage renal disease treatment should be provided in North Carolina such that patients who require renal dialysis are able to be served in a facility no farther than 30 miles from the patients' homes; and,
 - b. in areas where it is apparent that patients are currently traveling more than 30 miles for in-center dialysis, favorable consideration should be given to proposed, new facilities which would serve patients who are farthest away from existing, operational or approved facilities.
11. Transplantation Services: Transplantation services should be available to, and a priority for, all ESRD patients whose conditions make them suitable candidates for this treatment. New enrollees should meet with and have access to a transplantation representative to provide patient education and evaluation for transplantation.
12. Availability of Dialysis Care: The North Carolina State Health Coordinating Council encourages applicants for dialysis stations to provide or arrange for:
- a. home training and backup for patients suitable for home dialysis in the ESRD dialysis facility or in a facility that is a reasonable distance from the patient's residence;
 - b. ESRD dialysis service availability at times that do not interfere with ESRD patients' work schedules; and,
 - c. services in rural, remote areas.

Methodology

Need for new dialysis stations shall be determined as follows:

- (1) County Need (*for the July 2016 SDR – Using the trend line ending with 12/31/2015 data*)
 - (A) The average annual rate (percent) of change in total number of dialysis patients resident in each county from the end of 2011 to the end of 2015 is multiplied by the county's December 31, 2015 total number of patients in the SDR, and the product is added to each county's most recent total number of patients reported in the SDR. The sum is the county's projected total December 31, 2016 patients.
 - (B) The percent of each county's total patients who were home dialysis patients on December 31, 2015 is multiplied by the county's projected total December 31, 2016 patients, and the product is subtracted from the county's projected total December 31, 2016 patients. The remainder is the county's projected December 31, 2016 in-center dialysis patients.
 - (C) The projected number of each county's December 31, 2016 in-center patients is divided by 3.2. The quotient is the projection of the county's December 31, 2016 in-center dialysis stations.
 - (D) From each county's projected number of December 31, 2016 in-center stations, is subtracted the county's number of stations certified for Medicare, CON-approved and awaiting certification, awaiting resolution of CON appeals, and the number represented by need determinations in previous State Medical Facilities Plans or Semiannual Dialysis Reports for which CON decisions have not been made. The remainder is the county's December 31, 2016 projected station surplus or deficit.
 - (E) If a county's December 31, 2016 projected station deficit is 10 or greater, and the January SDR shows that utilization of each dialysis facility in the county is 80 percent or greater, the December 31, 2016 county station need determination is the same as the December 31, 2016 projected station deficit. If a county's December 31, 2016 projected station deficit is less than 10 or if the utilization of any dialysis facility in the county is less than 80 percent, the county's December 31, 2016 station need determination is zero.

(2) Facility Need

A dialysis facility located in a county for which the result of the County Need methodology is zero in the current Semiannual Dialysis Report (SDR) is determined to need additional stations to the extent that:

- (A) Its utilization, reported in the current SDR, is 3.2 patients per station or greater.
- (B) Such need, calculated as follows, is reported in an application for a certificate of need:
 - (i) The facility's number of in-center dialysis patients reported in the previous Dialysis Report (SDR₁) is subtracted from the number of in-center dialysis patients reported in the current SDR (SDR₂). The difference is multiplied by 2 to project the net in-center change for 1 year. Divide the projected net in-center change for the year by the number of in-center patients from SDR₁ to determine the projected annual growth rate.

- (ii) The quotient from (2)(B)(i) is divided by 12.
 - (iii) The quotient from (2)(B)(ii) is multiplied by 12 (*the number of months from June 30, 2016 until December 31, 2016*) for the July 2016 SDR.
 - (iv) The product from (2)(B)(iii) is multiplied by the number of the facility's in-center patients reported in the current SDR and that product is added to such reported number of in-center patients.
 - (v) The sum from (2)(B)(iv) is divided by 3.2, and from the quotient is subtracted the facility's current number of certified stations as recorded in the current SDR and the number of pending new stations for which a certificate of need has been issued. The remainder is the number of stations needed.
- (C) The facility may apply to expand to meet the need established in (2)(B)(v), up to a maximum of 10 stations.

[NOTE: "Rounding" to the nearest whole number is allowed only in Step 1© and Step 2(B)(v). In these instances, fractions of 0.5000 or greater shall be rounded to the next highest whole number.]

Unless specific "adjusted need determinations" are recommended by the North Carolina State Health Coordinating Council, an application for a certificate of need for additional dialysis stations can be considered consistent with the need determinations of the North Carolina 2017 State Medical Facilities Plan only if it demonstrates a need by utilizing one of the methods of determining need outlined in Chapter 14.

Timeline

The schedule for publication of the North Carolina Semiannual Dialysis Report and for receipt of certificate of need applications based on each issue of that report in 2016 shall be as follows:

Data for Period Ending	Publication of Semiannual Dialysis Report	Certificate of Need Application Due Dates	Certificate of Need Beginning Review Dates
December 31, 2015	July 1, 2016	September 15, 2016	October 1, 2016

Please be advised that 5:30 p.m. on the specified application due date is the filing deadline for any certificate of need application in response to these dialysis reports. The filing deadline is absolute.

Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates*

County	Facility Identification Number	Provider Number	Facility	City	Certified	CON Issued/ Not Certified	Certified Stations 12/31/2015	Number In-Center Patients 12/31/2015	Utilization Rates	
									Utilization by Percent 12/31/2015	Patients Per Station
Alamance	955786	34-2533	BMA Burlington	Burlington	45	0	45	102	56.67%	2.2667
Alamance	956036	34-2567	Burlington Dialysis	Burlington	26	-2	26	101	97.12%	3.8846
Alamance	100545	34-2691	Carolina Dialysis - Mebane	Mebane	20	0	12	49	102.08%	4.0833
Alamance	140092	Proposed new site consisting of existing stations	Graham Dialysis		0	10	0	0	0.00%	0.0000
Alamance	100785	34-2686	North Burlington Dialysis	Burlington	16	6	16	69	107.81%	4.3125
Alexander	090725	34-2687	FMC of Alexander County	Taylorsville	10	0	10	27	67.50%	2.7000
Alleghany										
Anson	955840	34-2560	Dialysis Care of Anson County	Wadesboro	15	0	15	31	51.67%	2.0667
Anson	061094	34-2673	FMC Anson County	Wadesboro	13	0	13	44	84.62%	3.3846
Ashe										
Avery (Mitchell-Avery-Yancey Planning Area)										
Beaufort	955789	34-2561	FMC Pamlico	Washington	31	0	31	95	76.61%	3.0645
Bertie	956109	34-2547	Windsor Dialysis Unit	Windsor	20	0	20	37	46.25%	1.8500
Bladen	160065	Proposed new site consisting of existing stations	Bladenboro Dialysis	Bladenboro	0	0	0	0	0.00%	0.0000
Bladen	955448	34-2578	Southeastern Dialysis Center - Elizabethtown	Elizabethtown	26	0	26	78	75.00%	3.0000
Brunswick	070678	34-2689	FMC Brunswick County	Supply	10	0	10	13	32.50%	1.3000
Brunswick	140237	Proposed new site consisting of existing stations	Leland Dialysis		0	10	0	0	0.00%	0.0000
Brunswick	960145	34-2582	Southeastern Dialysis Center - Shallotte	Shallotte	18	-8	18	43	59.72%	2.3889
Brunswick	070474	34-2669	Southport Dialysis Center	Southport	13	-2	13	24	46.15%	1.8462
Buncombe	955773	34-2506	Asheville Kidney Center	Asheville	52	0	52	167	80.29%	3.2115
Buncombe	150248	Proposed new site consisting of existing stations	South Buncombe County Dialysis		0	10	0	0	0.00%	0.0000

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Buncombe	010920	34-2626	Swannanoa Dialysis Center	Swannanoa	10	-10	10	0	0.00%	0.0000
Buncombe	000318	34-2604	Weaverville Dialysis	Weaverville	20	0	20	46	57.50%	2.3000
Burke	150154	Proposed new site consisting of existing stations	BMA of Burke County		0	33	0	0	0.00%	0.0000
Burke	955785	34-2563	BMA of Burke County	Morganton	25	-25	25	99	99.00%	3.9600
Cabarrus	010799	34-2631	Copperfield Dialysis	Concord	27	-27	21	73	86.90%	3.4762
Cabarrus	150229	Proposed new site consisting of existing stations	Copperfield Dialysis		0	31	0	0	0.00%	0.0000
Cabarrus	070392	34-2670	Harrisburg Dialysis Center	Concord	19	6	19	73	96.05%	3.8421
Caldwell	955791	34-2509	BMA Lenoir	Lenoir	34	0	34	102	75.00%	3.0000
Camden										
Carteret	970506	34-2588	Crystal Coast Dialysis Unit	Morehead City	16	0	16	49	76.56%	3.0625
Carteret	120486	34-2702	FMC Sea Spray	Cedar Point	10	0	10	16	40.00%	1.6000
Caswell	960925	34-2597	Renal Care Group - Caswell	Yanceyville	10	0	10	37	92.50%	3.7000
Catawba	010648	34-2635	FMC of Catawba Valley	Conover	25	0	25	91	91.00%	3.6400
Catawba	955790	34-2516	FMC of Hickory	Hickory	35	0	35	125	89.29%	3.5714
Chatham	981038	34-2617	Carolina Dialysis Pittsboro	Pittsboro	10	0	10	27	67.50%	2.7000
Chatham	955802	34-2621	Carolina Dialysis Siler City	Siler City	22	0	22	65	73.86%	2.9545
Cherokee (Cherokee-Clay-Graham Multicounty Planning Area)	050254	34-2649	Smoky Mountain Dialysis Center	Murphy	13	0	13	32	61.54%	2.4615
Chowan	955811	34-2541	Edenton Dialysis	Edenton	17	-4	17	49	72.06%	2.8824
Clay			(Cherokee-Clay-Graham Planning Area)							
Cleveland	070223	34-2676	DCI South	Shelby	14	0	14	49	87.50%	3.5000
Cleveland	001291	34-2611	Dialysis Clinic - Kings Mountain	Kings Mountain	14	1	14	40	71.43%	2.8571
Cleveland	955845	34-2529	Dialysis Clinic - Shelby	Shelby	33	0	33	76	57.58%	2.3030
Cleveland	080370	34-2661	Dialysis Clinic, Inc	Shelby	15	0	15	28	46.67%	1.8667
Columbus	020281	34-2628	Chadbourm Dialysis Center	Chadbourm	17	0	17	33	48.53%	1.9412

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Columbus	956057	34-2521	Southeastern Dialysis Center - Whiteville	Whiteville	26	0	26	63	60.58%	2.4231
Craven	960995	34-2585	FMC Craven County	New Bern	28	0	28	71	63.39%	2.5357
Craven	955965	34-2534	New Bern Dialysis	New Bern	37	0	37	96	64.86%	2.5946
Cumberland	140236	Proposed new site consisting of existing stations	BMA of Fayetteville		0	45	0	0	0.00%	0.0000
Cumberland	944475	34-2510	Fayetteville Kidney Center	Fayetteville	42	-42	39	137	87.82%	3.5128
Cumberland	960411	34-2593	FMC Dialysis Services North Ramsey	Fayetteville	40	0	40	123	76.88%	3.0750
Cumberland	970530	34-2601	FMC Dialysis Services South Ramsey	Fayetteville	51	0	51	143	70.10%	2.8039
Cumberland	011019	34-2643	FMC Services of West Fayetteville	Fayetteville	40	0	40	151	94.38%	3.7750
Currituck										
Dare	970980	34-2598	Dare County Dialysis Center	Manteo	9	0	9	20	55.56%	2.2222
Davidson	944660	34-2553	Lexington Dialysis Center	Lexington	37	0	33	109	82.58%	3.3030
Davidson	020758	34-2639	Thomasville Dialysis Center	Thomasville	24	0	24	91	94.79%	3.7917
Davie	080689	34-2677	Davie Kidney Center	Mocksville	13	0	13	47	90.38%	3.6154
Duplin	944440	34-2630	RAI-West College-Warsaw	Warsaw	16	0	16	25	39.06%	1.5625
Duplin	945251	34-2535	Southeastern Dialysis Center - Kenansville	Kenansville	17	-3	17	45	66.18%	2.6471
Duplin	060249	34-2659	Wallace Dialysis	Wallace	16	-3	16	59	92.19%	3.6875
Durham	955847	34-3504	Duke Hospital Dialysis	Durham	16	0	16	52	81.25%	3.2500
Durham	955621	34-2550	Durham Dialysis	Durham	29	-4	29	103	88.79%	3.5517
Durham	010285	34-2616	Durham West Dialysis	Durham	29	1	29	90	77.59%	3.1034
Durham	140143	Proposed new site consisting of existing stations	East Durham Dialysis		0	10	0	0	0.00%	0.0000
Durham	990969	34-2615	FMC Dialysis Services of Briggs Avenue	Durham	29	0	29	82	70.69%	2.8276
Durham	956837	34-2590	FMC Dialysis Services West Pettigrew	Durham	24	0	24	63	65.63%	2.6250
Durham	080098	34-2680	FMC South Durham Dialysis	Durham	18	0	18	49	68.06%	2.7222
Durham	955622	34-2538	Freedom Lake Dialysis Unit	Durham	26	0	26	84	80.77%	3.2308
Durham	090117	34-2683	Southpoint Dialysis	Durham	16	0	16	65	101.56%	4.0625
Edgecombe	970528	34-2603	BMA East Rocky Mount	Rocky Mount	30	0	30	126	105.00%	4.2000
Edgecombe	955841	34-2577	Dialysis Care of Edgecombe County	Tarboro	35	0	35	101	72.14%	2.8857

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Edgecombe	150155	Proposed new site consisting of existing stations	FMC Tarboro		0	10	0	0	0.00%	0.0000
Edgecombe	150397		FMS ENA Home, LLC	Tarboro	0	0		0	0.00%	0.0000
Forsyth	070671	34-2667	Miller Street Dialysis Center	Winston-Salem	36	0	36	133	92.36%	3.6944
Forsyth	955963	34-2304	NC Baptist Hospital ESRD	Winston Salem	4	0	4	0	0.00%	0.0000
Forsyth	000193	34-2612	Northside Dialysis Center	Winston-Salem	45	0	45	130	72.22%	2.8889
Forsyth	944661	34-2505	Piedmont Dialysis Center	Winston-Salem	58	0	62	151	60.89%	2.4355
Forsyth	944758	34-2569	Salem Kidney Center	Winston-Salem	39	0	39	129	82.69%	3.3077
Franklin	955842	34-2571	Dialysis Care of Franklin County	Louisburg	27	0	27	76	70.37%	2.8148
Franklin	130122	Proposed new site consisting of existing stations	FMC Tar River	Louisburg	0	10	0	0	0.00%	0.0000
Gaston	960921	34-2595	BMA Kings Mountain	Kings Mountain	16	-16	16	53	82.81%	3.3125
Gaston	150476	Proposed new site consisting of existing stations	BMA Kings Mountain (new location)		0	16	0	0	0.00%	0.0000
Gaston	955949	34-2652	FMC Belmont	Belmont	18	0	18	67	93.06%	3.7222
Gaston	955615	34-2513	FMC Gastonia	Gastonia	39	0	39	140	89.74%	3.5897
Gaston	070531	34-2671	FMC South Gaston	Gastonia	20	6	20	77	96.25%	3.8500
Gates										
Graham			(Cherokee-Clay-Graham Planning Area)							
Granville	955623	34-2520	FMC Dialysis Services Neuse River	Oxford	25	0	25	78	78.00%	3.1200
Granville	041025	34-2647	FMS Dialysis Services of Oxford	Oxford	23	0	23	71	77.17%	3.0870
Greene	020974	34-2650	Greene County Dialysis Center	Snow Hill	21	0	21	49	58.33%	2.3333
Guilford	955872	34-2504	BMA of Greensboro	Greensboro	56	0	56	174	77.68%	3.1071
Guilford	980838	34-2537	BMA of South Greensboro	Greensboro	59	-10	59	177	75.00%	3.0000
Guilford	980472	34-2600	BMA of Southwest Greensboro	Jamestown	33	0	31	111	89.52%	3.5806
Guilford	001324	34-2634	FMC of East Greensboro	Greensboro	35	0	35	126	90.00%	3.6000

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Guilford	150332	Proposed new site consisting of existing stations	Fresenius Medical Care High Point	High Point	0	10	0	0	0.00%	0.0000
Guilford	945262	34-2514	High Point Kidney Center	High Point	42	-2	42	158	94.05%	3.7619
Guilford	990214	34-2613	Northwest Greensboro Kidney Center	Greensboro	33	0	33	98	74.24%	2.9697
Guilford	980262	34-2599	Triad Dialysis Center	High Point	22	0	22	78	88.64%	3.5455
Halifax	956044	34-2542	BMA of Roanoke Rapids	Roanoke Rapids	46	0	36	143	99.31%	3.9722
Halifax	981041	34-2619	FMC Dialysis Services of Halifax	Scotland Neck	19	0	19	62	81.58%	3.2632
Harnett	944644	34-2557	Dunn Kidney Center	Dunn	31	0	31	100	80.65%	3.2258
Harnett	110803	34-2701	FMC Anderson Creek	Cameron	11	0	11	28	63.64%	2.5455
Harnett	100969	34-2694	FMC Angier	Angier	10	0	10	29	72.50%	2.9000
Harnett	050131	34-2648	Fresenius Medical Care of Lillington	Lillington	17	0	17	37	54.41%	2.1765
Haywood	010800	34-2629	Waynesville Dialysis Center	Clyde	18	0	18	58	80.56%	3.2222
Henderson	140094	34-2564	Hendersonville Dialysis Center	Hendersonville	24	0	24	83	86.46%	3.4583
Hertford	945189	34-2570	Ahoskie Dialysis	Ahoskie	26	0	26	81	77.88%	3.1154
Hoke	945165	34-2579	Dialysis Care of Hoke County	Raeford	28	-4	28	104	92.86%	3.7143
Hoke	110715	34-2698	Lumbee River Dialysis	Red Springs	10	0	10	23	57.50%	2.3000
Hyde										
Iredell	990439	34-2606	Lake Norman Dialysis Center	Mooreville	27	0	27	89	82.41%	3.2963
Iredell	944568	34-2527	Statesville Dialysis Center	Statesville	27	0	27	74	68.52%	2.7407
Iredell	020759	34-2636	West Iredell Dialysis Center	Statesville	20	0	20	51	63.75%	2.5500
Jackson	944474	34-2556	Sylva Dialysis Center	Sylva	16	0	16	25	39.06%	1.5625
Johnston	956062	34-2545	FMC Four Oaks	Four Oaks	22	0	22	56	63.64%	2.5455
Johnston	030941	34-2678	FMC Stallings Station	Clayton	24	0	24	71	73.96%	2.9583
Johnston	944566	34-2572	Johnston Dialysis Center	Smithfield	25	0	25	85	85.00%	3.4000
Jones	001653	34-2625	FMC Dialysis Service of Jones County	Trenton	10	0	10	30	75.00%	3.0000
Lee	110959	34-2697	Carolina Dialysis Lee County	Sanford	13	0	13	45	86.54%	3.4615
Lee	955801	34-2620	Carolina Dialysis Sanford	Sanford	36	0	33	100	75.76%	3.0303
Lenoir	955898	34-2518	BMA Kinston	Kinston	39	0	39	104	66.67%	2.6667
Lenoir	010207	34-2609	FMC Vernon Dialysis	Kinston	24	0	24	66	68.75%	2.7500
Lincoln	944237	34-2568	FMC Lincolnton	Lincolnton	25	0	25	88	88.00%	3.5200

Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates*

County	Facility Identification Number	Provider Number	Facility	City	Certified	CON Issued/ Not Certified	Certified Stations 12/31/2015	Number In-Center Patients 12/31/2015	Utilization Rates	
									Utilization by Percent 12/31/2015	Patients Per Station
Macon	120162	34-2696	Franklin Township Dialysis	Franklin	9	0	9	19	52.78%	2.1111
Madison										
Martin	960043	34-2584	Dialysis Care of Martin County	Williamston	25	0	25	68	68.00%	2.7200
McDowell	040266	34-2645	McDowell Dialysis Center	Marion	13	1	13	44	84.62%	3.3846
Mecklenburg	960156	34-2581	BMA Beatties Ford	Charlotte	32	11	32	127	99.22%	3.9688
Mecklenburg	970826	34-2594	BMA Nations Ford	Charlotte	28	0	28	115	102.68%	4.1071
Mecklenburg	970301	34-2605	BMA of East Charlotte	Charlotte	25	0	25	85	85.00%	3.4000
Mecklenburg	955788	34-2549	BMA of North Charlotte	Charlotte	36	0	28	116	103.57%	4.1429
Mecklenburg	955792	34-2554	BMA West Charlotte	Charlotte	29	-2	29	101	87.07%	3.4828
Mecklenburg	150477	Proposed new site consisting of existing stations	Brookshire Dialysis		0	10	0	0	0.00%	0.0000
Mecklenburg	955805	34-2306	Carolinas Medical Center	Charlotte	9	0	9	10	27.78%	1.1111
Mecklenburg	955930	34-2548	Charlotte Dialysis	Charlotte	36	0	36	128	88.89%	3.5556
Mecklenburg	001554	34-2627	Charlotte East Dialysis	Charlotte	34	0	26	113	108.65%	4.3462
Mecklenburg	944671	34-2552	DSI Charlotte Latrobe Dialysis	Charlotte	24	0	24	53	55.21%	2.2083
Mecklenburg	955380	34-2591	DSI Glenwater Dialysis	Charlotte	42	0	41	134	81.71%	3.2683
Mecklenburg	955947	34-2503	FMC Charlotte	Charlotte	43	-6	43	142	82.56%	3.3023
Mecklenburg	080137	34-2681	FMC Matthews	Matthews	21	0	21	99	117.86%	4.7143
Mecklenburg	120485	Proposed new site consisting of existing stations	FMC of Southwest Charlotte	Charlotte	0	10	0	0	0.00%	0.0000
Mecklenburg	150024	Proposed new site consisting of existing stations	FMC Regal Oaks		0	12	0	0	0.00%	0.0000
Mecklenburg	150435	Proposed new site consisting of existing stations	Fresenius Medical Care Aldersgate		0	10	0	0	0.00%	0.0000
Mecklenburg	130490	34-2707	Huntersville Dialysis	Huntersville	10	0	0	0	0.00%	0.0000

Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates*

County	Facility Identification Number	Provider Number	Facility	City	Certified	CON Issued/ Not Certified	Certified Stations 12/31/2015	Number In-Center Patients 12/31/2015	Utilization Rates	
									Utilization by Percent 12/31/2015	Patients Per Station
Mecklenburg	070389	34-2692	Mint Hill Dialysis	Charlotte	16	0	12	45	93.75%	3.7500
Mecklenburg	060083	34-2663	North Charlotte Dialysis Center	Charlotte	41	-14	41	152	92.68%	3.7073
Mecklenburg	070389	34-2523	South Charlotte Dialysis	Charlotte	22	0	22	71	80.68%	3.2273
Mecklenburg	150478	Proposed new site consisting of existing stations	University City Dialysis		0	10	0	0	0.00%	0.0000
Mitchell (Mitchell-Avery-Yancey Multicounty Planning Area)	060380	34-2660	Mayland Dialysis Center	Spruce Pine	9	0	9	14	38.89%	1.5556
Montgomery	925156	34-2583	Dialysis Care of Montgomery County	Biscoe	20	0	20	60	75.00%	3.0000
Moore	080621	34-2679	Carthage Dialysis	Carthage	12	0	12	25	52.08%	2.0833
Moore	944674	34-2555	Dialysis Care of Moore County	Pinehurst	25	-2	25	78	78.00%	3.1200
Moore	020648	34-2638	Southern Pines Dialysis Center	Southern Pines	15	0	15	49	81.67%	3.2667
Nash	020870	34-2644	FMC of Spring Hope	Spring Hope	15	0	15	51	85.00%	3.4000
Nash	130370	Proposed new site consisting of existing stations	FMC South Rocky Mount	Rocky Mount	0	12	0	0	0.00%	0.0000
Nash	130459	Proposed new site consisting of new stations	Nash County Dialysis		0	0	0	0	0.00%	0.0000
Nash	944658	34-2517	Rocky Mount Kidney Center	Rocky Mount	42	-12	42	168	100.00%	4.0000
New Hanover	342685	34-2685	Cape Fear Dialysis	Wilmington	32	0	32	127	99.22%	3.9688
New Hanover	140333	Proposed new site consisting of existing stations	New Hanover Dialysis		0	12	0	0	0.00%	0.0000
New Hanover	956055	34-2511	Southeastern Dialysis Center - Wilmington	Wilmington	29	3	29	146	125.86%	5.0345
Northampton	970120	34-2586	FMC East Northampton County	Conway	19	0	19	59	77.63%	3.1053
Onslow	130178	34-2700	New River Dialysis	Jacksonville	18	0	18	46	63.89%	2.5556
Onslow	956056	34-2532	Southeastern Dialysis Center - Jacksonville	Jacksonville	25	8	25	89	89.00%	3.5600

Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates*

County	Facility Identification Number	Provider Number	Facility	City	Certified	CON Issued/ Not Certified	Certified Stations 12/31/2015	Number In-Center Patients 12/31/2015	Utilization Rates	
									Utilization by Percent 12/31/2015	Patients Per Station
Orange	956088	34-2622	Carolina Dialysis Carrboro	Carrboro	41	0	41	106	64.63%	2.5854
Pamlico										
Pasquotank	130368	Proposed new site consisting of existing stations	Albemarle Dialysis	Elizabeth City	0	14	0	0	0.00%	0.0000
Pasquotank	955812	34-2515	Elizabeth City Dialysis	Elizabeth City	30	-11	30	108	90.00%	3.6000
Pender	945252	34-2558	Southeastern Dialysis Center - Burgaw	Burgaw	15	3	15	61	101.67%	4.0667
Pender	130180	34-2703	Surf City Dialysis	Hampstead	10	0	10	17	42.50%	1.7000
Perquimans	140091	Proposed new site consisting of existing stations	Perquimans County Dialysis		0	10	0	0	0.00%	0.0000
Person	120225	34-2562	Roxboro Dialysis	Roxboro	35	2	35	113	80.71%	3.2286
Pitt	011155	34-2632	FMC Care of Ayden	Ayden	16	0	16	59	92.19%	3.6875
Pitt	960406	34-2596	FMC Dialysis Services East Carolina	Greenville	41	0	38	140	92.11%	3.6842
Pitt	140329	34-2706	FMC Farmville	Farmville	10	0	0	0	0.00%	0.0000
Pitt	944657	34-2502	Greenville Dialysis Center	Greenville	42	-1	48	174	90.63%	3.6250
Polk										
Randolph	955777	34-2524	BMA of Asheboro	Asheboro	46	0	46	113	61.41%	2.4565
Randolph	140089	Proposed new site consisting of existing stations	N. Randolph Dialysis Center of Wake Forest University		0	10	0	0	0.00%	0.0000
Richmond	955843	34-2539	Dialysis Care of Richmond County	Hamlet	27	3	27	86	79.63%	3.1852
Richmond	090624	34-2690	Sandhills Dialysis	Rockingham	16	0	16	58	90.63%	3.6250
Robeson	980754	34-2607	BMA of Red Springs	Red Springs	12	0	12	49	102.08%	4.0833
Robeson	991061	34-2623	FMC Dialysis Services of Robeson County	Fairmont	23	0	23	68	73.91%	2.9565
Robeson	971335	34-2682	FMC Pembroke	Pembroke	15	4	15	56	93.33%	3.7333
Robeson	060514	34-2662	FMC St. Pauls	St Pauls	15	5	15	54	90.00%	3.6000
Robeson	955445	34-2528	Lumberton Dialysis Unit	Lumberton	35	0	35	123	87.86%	3.5143

Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates*

County	Facility Identification Number	Provider Number	Facility	City	Certified	CON Issued/ Not Certified	Certified Stations 12/31/2015	Number In-Center Patients 12/31/2015	Utilization Rates	
									Utilization by Percent 12/31/2015	Patients Per Station
Robeson	140334	Proposed new site consisting of existing stations	Maxton Dialysis		0	14	0	0	0.00%	0.0000
Robeson	070039	34-2651	St. Pauls Dialysis Center	St. Pauls	10	-10	10	20	50.00%	2.0000
Rockingham	955844	34-2536	Dialysis Care of Rockingham County	Eden	23	2	23	80	86.96%	3.4783
Rockingham	030453	34-2640	Reidsville Dialysis	Reidsville	27	0	27	72	66.67%	2.6667
Rockingham	001548	34-2641	Rockingham Kidney Center	Reidsville	19	0	19	54	71.05%	2.8421
Rowan	980409	34-2592	Dialysis Care of Kannapolis	Kannapolis	25	0	25	86	86.00%	3.4400
Rowan	944673	34-2546	Dialysis Care of Rowan County	Salisbury	27	0	29	105	90.52%	3.6207
Rutherford	955824	34-2566	Dialysis Care of Rutherford County	Forest City	30	0	30	84	70.00%	2.8000
Sampson	955787	34-2559	BMA of Clinton	Clinton	36	0	36	92	63.89%	2.5556
Sampson	080822	34-2688	FMC of Roseboro	Roseboro	13	0	13	38	73.08%	2.9231
Scotland	924648	34-2540	BMA of Laurinburg	Laurinburg	30	0	30	79	65.83%	2.6333
Scotland	060982	34-2664	FMC Scotland County	Laurinburg	14	0	14	35	62.50%	2.5000
Stanly	955784	34-2565	BMA Albemarle	Albemarle	26	0	26	87	83.65%	3.3462
Stokes	020980	34-2633	King Dialysis Center	King	17	0	17	52	76.47%	3.0588
Surry	001558	34-2614	Elkin Dialysis Center	Elkin	19	0	19	46	60.53%	2.4211
Surry	944348	34-2551	Mt Airy Dialysis Center	Mount Airy	27	0	27	74	68.52%	2.7407
Swain	000047	34-2602	Cherokee Dialysis Center	Cherokee	20	0	20	52	65.00%	2.6000
Transylvania	080169	34-2693	Brevard Dialysis Center	Brevard	9	0	9	21	58.33%	2.3333
Tyrrell										
Union	060374	34-2666	Marshville Dialysis Center	Marshville	12	0	12	31	64.58%	2.5833
Union	955949	34-2525	Metrolina Kidney Center	Monroe	21	0	21	75	89.29%	3.5714
Union	955953	34-2526	Union County Dialysis	Monroe	28	0	28	92	82.14%	3.2857
Vance	130179	34-2704	Kerr Lake Dialysis	Henderson	16	0	16	45	70.31%	2.8125
Vance	944655	34-2543	Vance County Dialysis	Henderson	33	2	33	116	87.88%	3.5152
Wake	980755	34-2608	BMA of Fuquay Varina Kidney Center	Fuquay Varina	23	0	22	84	95.45%	3.8182
Wake	956008	34-2512	BMA of Raleigh Dialysis	Raleigh	50	0	50	185	92.50%	3.7000
Wake	955808	34-2544	Cary Kidney Center	Cary	28	-4	28	85	75.89%	3.0357
Wake	041023	34-2658	FMC Apex	Apex	20	0	20	47	58.75%	2.3500
Wake	080823	34-2684	FMC Central Raleigh	Raleigh	19	0	19	57	75.00%	3.0000

Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates*

County	Facility Identification Number	Provider Number	Facility	City	Certified	CON Issued/ Not Certified	Certified Stations 12/31/2015	Number In-Center Patients 12/31/2015	Utilization Rates	
									Utilization by Percent 12/31/2015	Patients Per Station
Wake	061335	34-2672	FMC Eastern Wake	Rolesville	14	3	14	62	110.71%	4.4286
Wake	041024	34-2653	FMC Millbrook	Raleigh	17	0	17	56	82.35%	3.2941
Wake	160069	Proposed new site consisting of existing stations	FMC Morrisville	Morrisville	0	10	0	0	0.00%	0.0000
Wake	020868	34-2646	FMC New Hope Dialysis	Raleigh	36	0	36	104	72.22%	2.8889
Wake	130278	34-2705	FMC Northern Wake	Wake Forest	13	3	0	1	0.00%	0.0000
Wake	160068	Proposed new site consisting of existing stations	Oak City Dialysis		0	10	0	0	0.00%	0.0000
Wake	990968	34-2642	Southwest Wake County Dialysis	Raleigh	30	-6	31	118	95.16%	3.8065
Wake	956094	34-2522	Wake Dialysis Clinic	Raleigh	50	0	50	205	102.50%	4.1000
Wake	041181	34-2675	Wake Forest Dialysis Center	Raleigh	20	12	20	75	93.75%	3.7500
Wake	970505	34-2589	Zebulon Kidney Center	Zebulon	30	-2	30	98	81.67%	3.2667
Warren	991065	34-2610	FMC Dialysis Services of Warren Hills	Warrenton	25	0	25	56	56.00%	2.2400
Washington	001549	34-2618	FMC Dialysis Services Plymouth	Plymouth	14	0	14	38	67.86%	2.7143
Watauga	150300	Proposed new site consisting of existing stations	FMC Watauga County	Boone	0	16	0	0	0.00%	0.0000
Watauga	944647	34-2674	FMC Watauga County	Boone	14	-14	14	37	66.07%	2.6429
Wayne	140466	Proposed new site consisting of existing stations	Coastal Carolina Dialysis		0	12	0	0	0.00%	0.0000
Wayne	944654	34-2531	Goldsboro Dialysis	Goldsboro	27	-10	27	101	93.52%	3.7407
Wayne	970275	34-2587	Goldsboro South Dialysis	Goldsboro	22	-2	22	86	97.73%	3.9091
Wayne	000304	34-2573	Mt Olive Dialysis	Mt. Olive	15	0	15	45	75.00%	3.0000
Wayne	945326	34-2576	RAI Care Centers - Goldsboro	Goldsboro	16	0	16	30	46.88%	1.8750
Wilkes	956103	34-2313	Wilkes Regional Dialysis Center	North Wilkesboro	19	5	24	59	61.46%	2.4583
Wilson	020166	34-2637	Forest Hills Dialysis	Wilson	31	0	31	111	89.52%	3.5806

Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates*

County	Facility Identification Number	Provider Number	Facility	City	Certified	CON Issued/ Not Certified	Certified Stations 12/31/2015	Number In-Center Patients 12/31/2015	Utilization Rates	
									Utilization by Percent 12/31/2015	Patients Per Station
Wilson	160066	Proposed new site consisting of existing stations	Sharpsburg Dialysis	Sharpsburg	0	0	0	0	0.00%	0.0000
Wilson	971340	34-2507	Wilson Dialysis	Wilson	40	0	40	135	84.38%	3.3750
Yadkin	060383	34-2665	Yadkin Dialysis Center	Yadkinville	13	0	13	29	55.77%	2.2308
Yancey			(Mitchell-Avery-Yancey Planning Area)							
State Totals					4,801	196	4,725	14,952		

* Inventory compiled 06/03/2016. Utilization rates calculated for 12/31/2015.

Table B: ESRD Dialysis Station Need Determinations by Planning Area

County/ Multi- County Planning Area	12.31.11 Total Patients	12.31.12 Total Patients	12.31.13 Total Patients	12.31.14 Total Patients	12.31.15 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12.31.16 Total Patients	12.31.15 Home Patients	12.31.15 Percent Home Patients	Projected 12.31.16 Home Patients	Projected 12.31.16 In-Center Patients	Projected 12.31.16 In-Center Station Utilization	Projected Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determi- nation
Alamance	276	290	285	308	319	0.037	331.0	35	11.0%	36.3	294.6	92	121	Surplus of 29	0
Alexander	35	42	34	40	39	0.040	40.6	3	7.7%	3.1	37.4	12	10	2	0
Alleghany	7	5	7	11	8	0.103	8.8	1	12.5%	1.1	7.7	2	0	2	0
Anson	79	77	78	91	87	0.028	89.4	4	4.6%	4.1	85.3	27	28	Surplus of 1	0
Ashe	19	22	21	14	21	0.070	22.5	9	42.9%	9.6	12.8	4	0	4	0
Beaufort	103	97	108	114	125	0.052	131.5	19	15.2%	20.0	111.5	35	31	4	0
Bertie	65	61	58	66	55	-0.035	53.1	8	14.5%	7.7	45.4	14	20	Surplus of 6	0
Bladen	95	106	87	89	98	0.015	99.5	12	12.2%	12.2	87.3	27	26	1	0
Brunswick	124	134	135	145	133	0.020	135.6	25	18.8%	25.5	110.1	34	41	Surplus of 7	0
Buncombe	224	247	258	270	248	0.028	255.0	53	21.4%	54.5	200.5	63	82	Surplus of 19	0
Burke	87	101	111	117	124	0.093	135.6	17	13.7%	18.6	117.0	37	33	4	0
Cabarrus	198	176	187	211	212	0.021	216.5	45	21.2%	46.0	170.5	53	56	Surplus of 3	0
Caldwell	102	107	102	110	125	0.054	131.8	13	10.4%	13.7	118.1	37	34	3	0
Camden	15	17	15	13	13	-0.029	12.6	3	23.1%	2.9	9.7	3	0	3	0
Carteret	74	78	79	61	70	-0.003	69.8	15	21.4%	14.9	54.8	17	26	Surplus of 9	0
Caswell	32	30	34	46	48	0.117	53.6	3	6.3%	3.4	50.3	16	11	5	0
Catawba	189	182	198	217	245	0.069	261.9	34	13.9%	36.3	225.6	70	60	10	10
Chatham	81	91	87	96	101	0.059	106.9	4	4.0%	4.2	102.7	32	32	0	0
Cherokee	19	16	25	25	28	0.131	31.7	4	14.3%	4.5	27.1	8	13	Surplus of 5	
Clay	10	8	8	7	7	-0.081	6.4	2	28.6%	1.8	4.6	1	0	1	
Graham	14	15	11	15	15	0.042	15.6	5	33.3%	5.2	10.4	3	0	3	
Cherokee-Clay-Graham Planning Area Total														Surplus 1	0
Chowan	36	36	36	30	37	0.017	37.6	7	18.9%	7.1	30.5	10	13	Surplus of 3	0
Cleveland	259	239	244	228	226	-0.033	218.6	27	11.9%	26.1	192.5	60	77	Surplus of 17	0
Columbus	134	118	124	123	116	-0.033	112.1	12	10.3%	11.6	100.5	31	43	Surplus of 12	0
Craven	169	164	177	181	188	0.028	193.2	40	21.3%	41.1	152.1	48	65	Surplus of 17	0
Cumberland	533	579	622	614	650	0.052	683.5	78	12.0%	82.0	601.5	188	176	12	0
Currituck	10	10	8	13	11	0.068	11.7	2	18.2%	2.1	9.6	3	0	3	0
Dare	27	31	33	27	23	-0.029	22.3	4	17.4%	3.9	18.4	6	9	Surplus of 3	0
Davidson	195	191	202	234	251	0.067	267.8	39	15.5%	41.6	226.2	71	69	2	0

Table B: ESRD Dialysis Station Need Determinations by Planning Area

County/ Multi- County Planning Area	12.31.11 Total Patients	12.31.12 Total Patients	12.31.13 Total Patients	12.31.14 Total Patients	12.31.15 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12.31.16 Total Patients	12.31.15 Home Patients	12.31.15 Percent Home Patients	Projected 12.31.16 Home Patients	Projected 12.31.16 In-Center Patients	Projected 12.31.16 In-Center Station Utilization	Projected Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determi- nation
Davie	40	44	44	51	64	0.128	72.2	16	25.0%	18.1	54.2	17	13	4	0
Duplin	134	138	136	152	147	0.025	150.7	24	16.3%	24.6	126.1	39	45	Surplus of 6	0
Durham	511	518	565	560	583	0.034	602.9	51	8.7%	52.7	550.2	172	194	Surplus of 22	0
Edgecombe	208	227	218	202	214	0.009	216.0	16	7.5%	16.2	199.9	62	75	Surplus of 13	0
Forsyth	582	591	579	604	627	0.019	639.0	79	12.6%	80.5	558.5	175	182	Surplus of 7	0
Franklin	113	114	120	112	113	0.001	113.1	8	7.1%	8.0	105.1	33	37	Surplus of 4	0
Gaston	270	270	297	319	351	0.069	375.1	34	9.7%	36.3	338.7	106	102	4	0
Gates	8	8	7	5	15	0.397	21.0	3	20.0%	4.2	16.8	5	0	5	0
Granville	128	131	144	150	156	0.051	164.0	10	6.4%	10.5	153.5	48	48	0	0
Greene	57	66	60	48	47	-0.038	45.2	4	8.5%	3.8	41.3	13	21	Surplus of 8	0
Guilford	819	830	892	886	956	0.040	994.3	73	7.6%	75.9	918.4	287	278	9	0
Halifax	233	219	217	226	244	0.013	247.2	19	7.8%	19.2	227.9	71	65	6	0
Harnett	210	139	175	189	208	0.025	213.3	16	7.7%	16.4	196.9	62	73	Surplus of 11	0
Haywood	47	64	59	59	65	0.096	71.3	11	16.9%	12.1	59.2	19	18	1	0
Henderson	76	75	89	96	110	0.099	120.9	29	26.4%	31.9	89.1	28	24	4	0
Hertford	82	82	82	83	92	0.030	94.8	18	19.6%	18.5	76.2	24	26	Surplus of 2	0
Hoke	101	97	115	106	113	0.033	116.8	11	9.7%	11.4	105.4	33	34	Surplus of 1	0
Hyde	8	9	11	6	8	0.057	8.5	2	25.0%	2.1	6.3	2	0	2	0
Iredell	209	219	218	214	219	0.012	221.6	44	20.1%	44.5	177.1	55	74	Surplus of 19	0
Jackson	34	32	39	30	37	0.041	38.5	10	27.0%	10.4	28.1	9	16	Surplus of 7	0
Johnston	230	232	244	253	271	0.042	282.4	33	12.2%	34.4	248.0	78	71	7	0
Jones	33	21	31	32	40	0.099	43.9	7	17.5%	7.7	36.3	11	10	1	0
Lee	108	137	131	138	139	0.071	148.9	21	15.1%	22.5	126.4	40	49	Surplus of 9	0
Lenoir	170	188	180	190	188	0.027	193.1	15	8.0%	15.4	177.7	56	63	Surplus of 7	0
Lincoln	81	99	96	78	87	0.030	89.6	14	16.1%	14.4	75.2	23	28	Surplus of 5	0
Macon	33	32	32	26	29	-0.026	28.3	13	44.8%	12.7	15.6	5	9	Surplus of 4	0
Madison	13	13	16	15	20	0.125	22.5	6	30.0%	6.8	15.8	5	0	5	0
Martin	85	93	80	83	88	0.013	89.1	11	12.5%	11.1	78.0	24	25	Surplus of 1	0
McDowell	49	47	56	55	60	0.056	63.4	16	26.7%	16.9	46.5	15	14	1	0
Mecklenburg	1327	1416	1473	1522	1612	0.050	1,692.5	166	10.3%	174.3	1,518.2	474	487	Surplus of 13	0

Table B: ESRD Dialysis Station Need Determinations by Planning Area

County/ Multi- County Planning Area	12.31.11 Total Patients	12.31.12 Total Patients	12.31.13 Total Patients	12.31.14 Total Patients	12.31.15 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12.31.16 Total Patients	12.31.15 Home Patients	12.31.15 Percent Home Patients	Projected 12.31.16 Home Patients	Projected 12.31.16 In-Center Patients	Projected 12.31.16 In-Center Station Utilization	Projected Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determi- nation	
Avery	9	13	10	6	5	-0.088	4.6	1	20.0%	0.9	3.6	1	0	1		
Mitchell	11	7	10	7	6	-0.094	5.4	0	0.0%	0.0	5.4	2	9	Surplus of 7		
Yancey	16	18	11	16	11	-0.030	10.7	3	27.3%	2.9	7.8	2	0	2		
Mitchell-Avery-Yancey Planning Area Total															Surplus 4	0
Montgomery	60	70	53	67	62	0.028	63.8	3	4.8%	3.1	60.7	19	20	Surplus of 1	0	
Moore	157	153	176	166	159	0.006	160.0	15	9.4%	15.1	144.9	45	50	Surplus of 5	0	
Nash	193	201	218	262	281	0.100	309.1	36	12.8%	39.6	269.5	84	81	3	0	
New Hanover	217	228	245	266	267	0.054	281.3	43	16.1%	45.3	236.0	74	78	Surplus of 4	0	
Northampton	76	81	82	86	78	0.008	78.7	9	11.5%	9.1	69.6	22	19	3	0	
Onslow	156	166	183	175	168	0.021	171.5	34	20.2%	34.7	136.8	43	51	Surplus of 8	0	
Orange	126	120	121	137	135	0.020	137.6	19	14.1%	19.4	118.3	37	41	Surplus of 4	0	
Pamlico	21	16	13	23	23	0.086	25.0	7	30.4%	7.6	17.4	5	0	5	0	
Pasquotank	90	97	93	82	95	0.019	96.8	16	16.8%	16.3	80.5	25	33	Surplus of 8	0	
Pender	96	98	92	104	103	0.020	105.1	16	15.5%	16.3	88.7	28	28	0	0	
Perquimans	22	27	25	32	30	0.093	32.8	5	16.7%	5.5	27.3	9	10	Surplus of 1	0	
Person	102	108	106	117	110	0.021	112.3	15	13.6%	15.3	97.0	30	37	Surplus of 7	0	
Pitt	317	355	396	365	408	0.069	436.0	67	16.4%	71.6	364.4	114	118	Surplus of 4	0	
Polk	14	9	10	9	9	-0.087	8.2	4	44.4%	3.7	4.6	1	0	1	0	
Randolph	151	174	175	170	178	0.044	185.9	17	9.6%	17.8	168.1	53	56	Surplus of 3	0	
Richmond	121	122	139	158	165	0.082	178.6	17	10.3%	18.4	160.2	50	46	4	0	
Robeson	337	348	375	405	421	0.057	445.2	25	5.9%	26.4	418.7	131	126	5	0	
Rockingham	181	186	184	190	188	0.010	189.8	9	4.8%	9.1	180.7	56	71	Surplus of 15	0	
Rowan	140	177	176	197	226	0.131	255.7	47	20.8%	53.2	202.5	63	58	5	0	
Rutherford	113	117	123	110	105	-0.016	103.3	18	17.1%	17.7	85.6	27	30	Surplus of 3	0	
Sampson	164	160	162	167	180	0.024	184.4	21	11.7%	21.5	162.8	51	49	2	0	
Scotland	121	121	101	100	103	-0.036	99.3	5	4.9%	4.8	94.4	30	44	Surplus of 14	0	
Stanly	65	69	74	75	78	0.047	81.7	8	10.3%	8.4	73.3	23	26	Surplus of 3	0	
Stokes	49	45	52	43	54	0.039	56.1	9	16.7%	9.4	46.8	15	17	Surplus of 2	0	
Surry	106	98	85	92	94	-0.026	91.6	13	13.8%	12.7	78.9	25	46	Surplus of 21	0	
Swain	56	65	43	42	54	0.021	55.1	12	22.2%	12.3	42.9	13	20	Surplus of 7	0	

Table B: ESRD Dialysis Station Need Determinations by Planning Area

County/ Multi- County Planning Area	12.31.11 Total Patients	12.31.12 Total Patients	12.31.13 Total Patients	12.31.14 Total Patients	12.31.15 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12.31.16 Total Patients	12.31.15 Home Patients	12.31.15 Percent Home Patients	Projected 12.31.16 Home Patients	Projected 12.31.16 In-Center Patients	Projected 12.31.16 In-Center Station Utilization	Projected Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determi- nation
Transylvania	33	26	25	32	30	-0.008	29.8	11	36.7%	10.9	18.8	6	9	Surplus of 3	0
Tyrrell	5	5	8	5	7	0.156	8.1	2	28.6%	2.3	5.8	2	0	2	0
Union	182	181	178	212	239	0.074	256.7	39	16.3%	41.9	214.8	67	61	6	0
Vance	165	175	163	168	182	0.027	186.8	16	8.8%	16.4	170.4	53	51	2	0
Wake	1016	1046	1119	1206	1265	0.056	1,336.5	140	11.1%	147.9	1,188.6	371	388	Surplus of 17	0
Warren	60	75	75	64	53	-0.017	52.1	7	13.2%	6.9	45.2	14	25	Surplus of 11	0
Washington	36	36	34	39	42	0.042	43.8	3	7.1%	3.1	40.6	13	14	Surplus of 1	0
Watauga	30	25	25	29	33	0.033	34.1	7	21.2%	7.2	26.9	8	16	Surplus of 8	0
Wayne	250	255	246	254	285	0.035	294.9	30	10.5%	31.0	263.9	82	80	2	0
Wilkes	72	83	98	95	87	0.055	91.8	13	14.9%	13.7	78.0	24	24	0	0
Wilson	220	226	248	243	263	0.047	275.3	49	18.6%	51.3	224.0	70	81	Surplus of 11	0
Yadkin	39	48	42	41	43	0.033	44.4	8	18.6%	8.3	36.1	11	13	Surplus of 2	0
State Totals	14,605	15,051	15,574	16,063	16,851			2,122				4,794	5,083		10

Table C: Need Determination for New Dialysis Stations by County
(Based on the County Need Methodology – January 2016)

Service Area	HSA	Need Determination for Dialysis Stations	Certificate of Need Application Due Date*	Certificate of Need Beginning Review Date
Catawba	I	10	September 15, 2016	October 1, 2016
Application of the County Need Methodology resulted in no additional dialysis station need determinations for the Semiannual Dialysis Report, July 2016 anywhere else in the state.				

* Application due dates are absolute deadlines. The filing deadline is 5:30 p.m. on the application due date. The filing deadline is absolute (see Chapter 3).



Health Service Regulation

North Carolina Semiannual Dialysis Report

July 2016