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North Carolina Semiannual Dialysis Report July 2011



July 2011 North Carolina Semiannual Dialysis Report

Issued July 1, 2011

Prepared by

Medical Facilities Planning 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, Section Chief
Medical Facilities Planning Section

SUBJECT: North Carolina Semiannual Dialysis Report, July, 2011

DATE: July 1, 2011

The North Carolina State Health Coordinating Council and the Medical Facilities Planning Section are pleased to make the "July 2011 Semiannual Dialysis Report" available. This report is published pursuant to Chapter 14 of the 2011 North Carolina State Medical Facilities Plan. It applies the County Need methodology based on patient data as of December 31, 2010 and calculates utilization rates for implementation of the Facility Need methodology.

Certificate of need applications in response to the "July 2011 Semiannual Dialysis Report" are due on September 15, 2011 for review beginning October 1, 2011. 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 the Medical Facilities Planning Section 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 Section at 919-855-3873.



END-STAGE RENAL DISEASE DIALYSIS FACILITIES Semiannual Dialysis Report, July 2011

Introduction

The North Carolina 2011 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 2011 North Carolina State Medical Facilities Plan specifies that the Semiannual Dialysis Reports “...will use facility, station and active patient data as of June 30, 2010 for the ‘January 2011 SDR,’ and as of December 31, 2010 for the ‘July 2011 SDR.’ A new five-year trend line will be established in the ‘July 2011 SDR,’ based on validated data as reported to the Centers for Medicare and Medicaid Services (CMS) for the time period ending December 31, 2010.”

This document is the “July 2011 SDR.” It reiterates the methodology and presents need determinations for the certificate of need review beginning October 1, 2011.

Summary of Dialysis Station Supply and Utilization

For purposes of the Semiannual Dialysis Report, as of June 28, 2011 there were 174 End-Stage Renal Disease (ESRD) dialysis facilities certified and operating in North Carolina (*i.e., facilities reporting patient data via the Southeastern Kidney Council*), providing a total of 4,124 dialysis stations. Certificates of need had been issued for an additional 193 dialysis stations, but the stations were not yet certified. Another 62 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 14.

Utilization data as of December 31, 2010 are presented in the final two columns of Table A. Of the 171 certified facilities operational on that date, 74 were at or above 80 percent utilization (*i.e., operating with at least 3.2 patients per station*).

Sources of Data

Inventory Data:

Data on the current number of dialysis facilities and stations were obtained from the Certificate of Need Section 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, 2010 were provided by the Centers for Medicare and Medicaid Services (CMS) through the Southeastern Kidney Council, Inc. (SEKC) and the Mid-Atlantic Renal Coalition, Inc.

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, Georgia and South Carolina as of December 31, 2010 were provided by the SEKC on May 12, 2011. The SEKC noted that data in its report were based upon information provided to the SEKC by dialysis facilities in Network 6 and were represented to the SEKC as current as of May 11, 2011. The SEKC stated that these data are subject to change (*SEKC Disclaimer found at the end of this document*). County totals from the SEKC were supplemented by data from the Mid-Atlantic Renal Coalition indicating the number of patients residing in North Carolina counties and receiving dialysis in Virginia. Data for December 31st of 2006, 2007, 2008, and 2009, 2010 have been provided by the same sources for the five-year trend analysis.

Facility data include all patients being served by each provider as of December 31, 2010 regardless of the county or state of each patient's residence. These figures were also provided by the SEKC on May 12, 2011. Again, the SEKC noted that these figures reflect data provided to it by dialysis facilities in Network 6 and were represented to the SEKC as current as of May 11, 2011. The SEKC also stated that these figures are subject to change.

Method for Projection of New Dialysis Station Need

The North Carolina 2011 State Medical Facilities Plan (SMFP) directs the Medical Facilities Planning Section 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 2011 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. The Medical Facilities Planning Section 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 the Medical Facilities Planning Section 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 Multi-County Planning Area and the Avery-Mitchell-*

Yancey Multi-County Planning Area, 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 the Medical Facilities Planning Section.
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 through the Southeastern Kidney Council for four consecutive Semiannual Dialysis Reports, beginning from March 1997, 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 and 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
 - 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 N. C. 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.
 - 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;
 - c. Services in rural, remote areas.

Methodology

Need for new dialysis stations shall be determined as follows:

- (1) County Need (*for the July 2011 SDR – Using a new trend line ending with 12/31/10 data*)
 - (A) The average annual rate (percent) of change in total number of dialysis patients resident in each county from the end of 2006 to the end of 2010 is multiplied by the county's December 31, 2010 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, 2011 patients.
 - (B) The percent of each county's total patients who were home dialysis patients on December 31, 2010 is multiplied by the county's projected total December 31, 2011 patients, and the product is subtracted from the county's projected total December

31, 2011 patients. The remainder is the county's projected December 31, 2011 in-center dialysis patients.

- (C) The projected number of each county's December 31, 2011 in-center patients is divided by 3.2. The quotient is the projection of the county's December 31, 2011 in-center dialysis stations.
- (D) From each county's projected number of December 31, 2011 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, 2011 projected station surplus or deficit.
- (E) If a county's December 31, 2011 projected station deficit is 10 or greater and the July SDR shows that utilization of each dialysis facility in the county is 80 percent or greater, the December 31, 2011 county station need determination is the same as the December 31, 2011 projected station deficit. If a county's December 31, 2011 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, 2011 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 (SDR_1) is subtracted from the number of in-center dialysis patients reported in the current SDR (SDR_2). 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 SDR_1 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 December 31, 2009 until December 31, 2010*) for the July 2011 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(C) 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 2011 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 "July 2011 North Carolina Semiannual Dialysis Report" and for receipt of certificate of need applications based on this report shall be as follows:

Data for	Publication	Application Due Date	Beginning
<u>Period Ending</u>	<u>of SDR</u>	<u>for CON Applications</u>	<u>Review Date</u>
Dec. 31, 2010	July 1, 2011	September 15, 2011	October 1, 2011

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 the dialysis report. The filing deadline is absolute.

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates
(Inventory Compiled 6.29.11. Utilization Rates Calculated for 12.31.10.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 6.29.11					Certified Stations 12.31.10	Number In-Center Patients 12.31.10	Utilization Rates	
				Certified	CON Issued/ Not Certified	Decision Rendered	Decision Pending	Total			Utilization by Percent	Patients per Station
Alamance	34-2533	BMA of Burlington	Burlington	49	-10	0	6	45	49	164	84%	3.35
Alamance	34-2567	Burlington Dialysis Center	Burlington	27	-10	0	0	17	27	77	71%	2.85
Alamance	Proposed new site consisting of existing stations.	North Burlington Dialysis - Utilization included with Burlington Dialysis Center	Burlington	0	10	0	0	10	0	0	0%	0.00
Alamance	Proposed new site consisting of existing stations.	FMC Mebane - utilization included with BMA of Burlington	Mebane	0	10	0	0	10	0	0	0%	0.00
Alexander	n/a	Fresenius Medical Care of Alexander County	Taylorsville	0	10	0	0	10	0	0	0%	0.00
Alleghany												
Anson	34-2560	Dialysis Care of Anson County	Wadesboro	15	0	0	0	15	15	40	67%	2.67
Anson	34-2673	FMC of Anson County	Wadesboro	10	0	0	0	10	10	19	48%	1.90
Ashe												
Avery	(Mitchell-Avery-Yancey Multicounty Planning Area.)											
Beaufort	34-2561	BMA of Pamlico	Washington	25	0	0	0	25	25	69	69%	2.76
Bertie	34-2547	Windsor Dialysis Unit (BMA)	Windsor	20	0	0	0	20	20	41	51%	2.05
Bladen	34-2578	Southeastern Dialysis Center	Elizabethtown	21	3	0	0	24	21	71	85%	3.38
Brunswick	34-2582	Southeastern Dialysis Center	Shalotte	13	0	0	2	15	13	49	94%	3.77
Brunswick	34-2669	Southport Dialysis Center	Southport	10	0	0	0	10	10	23	58%	2.30
Brunswick	n/a	FMC of Brunswick County	Supply	0	10	0	0	10	0	0	0%	0.00
Buncombe	34-2506	Asheville Kidney Center	Asheville	46	0	0	4	50	46	152	83%	3.30
Buncombe	34-2626	Swannanoa Dialysis Center	Swannanoa	10	0	0	0	10	10	18	45%	1.80
Buncombe	34-2604	Weaverville Dialysis Center	Weaverville	20	6	0	0	26	20	38	48%	1.90
Burke	34-2563	BMA of Burke County	Morganton	25	0	0	0	25	25	73	73%	2.92
Cabarrus	34-2670	Harrisburg Dialysis Center	Concord	15	0	0	0	15	15	51	85%	3.40
Cabarrus	34-2631	Copperfield Dialysis	Concord	21	0	0	0	21	21	61	73%	2.90
Caldwell	34-2509	BMA-Lenoir	Lenoir	34	0	0	0	34	34	87	64%	2.56
Camden												
Carteret	34-2588	Crystal Coast Dialysis Unit (BMA)	Morehead City	20	6	0	0	26	20	65	81%	3.25
Caswell	34-2597	Renal Care Group - Caswell (BMA)	Yanceyville	10	0	0	0	10	10	31	78%	3.10
Catawba	34-2516	BMA-Hickory	Hickory	33	0	0	0	33	33	112	85%	3.39
Catawba	34-2635	FMC Catawba Valley Dialysis	Conover	23	0	0	0	23	23	55	60%	2.39
Chatham	34-2621	Carolina Dialysis Siler City	Siler City	15	0	3	0	18	9	Temporarily Closed	0%	0.00
Chatham	34-2617	Carolina Dialysis -Pittsboro	Pittsboro	10	0	0	0	10	10	66	165%	6.60

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Cherokee (Cherokee-Clay-Graham Multicounty Planning Area.)	34-2649	Smokey Mountains Dialysis Center	Murphy	10	0	0	0	10	10	25	63%	2.50
Chowan	34-2541	Edenton Dialysis	Edenton	17	0	0	0	17	17	52	76%	3.06
Clay (Cherokee-Clay-Graham Multicounty Planning Area.)												
Cleveland	34-2529	Dialysis Clinic (DCI Shelby)	Shelby	34	-9	0	0	25	34	91	67%	2.68
Cleveland	34-2661	DCI Boiling Springs	Boiling Springs	10	0	0	0	10	10	32	80%	3.20
Cleveland	34-2611	DCI Kings Mountain	Kings Mtn.	14	0	0	0	14	12	42	88%	3.50
Cleveland	34-2676	DCI South - Shelby	Shelby	10	0	0	0	10	10	35	88%	0.00
Columbus	34-2521	Southeastern Dialysis Center	Whiteville	27	-1	0	0	26	27	61	56%	2.26
Columbus	34-2628	Chadbourn Dialysis Center	Chadbourn	17	0	0	0	17	17	41	60%	2.41
Craven	34-2534	New Bern Dialysis Unit (BMA)	New Bern	37	0	0	0	37	37	96	65%	2.59
Craven	34-2585	FMC Craven County	New Bern	29	-1	0	0	28	29	79	68%	2.72
Cumberland	34-2510	Fayetteville Kidney Center (BMA)	Fayetteville	38	0	0	0	38	40	133	83%	3.33
Cumberland	34-2643	FMC Dialysis Services of West Fayetteville	Fayetteville	37	0	0	0	37	37	110	74%	2.97
Cumberland	34-2593	FMC Dialysis Services-North Ramsey (BMA)	Fayetteville	40	0	0	0	40	37	116	78%	3.14
Cumberland	34-2601	FMC Dialysis Services-South Ramsey (BMA)	Fayetteville	51	0	0	0	51	51	140	69%	2.75
Currituck												
Dare	34-2598	Dare County/Outer Banks Dialysis Clinic	Nags Head	9	0	0	0	9	9	27	75%	3.00
Davidson	34-2553	Lexington Dialysis Center (WFU)	Lexington	36	0	0	0	36	36	93	65%	2.58
Davidson	34-2639	Thomasville Dialysis Center	Thomasville	18	0	0	0	18	16	42	66%	2.63
Davie	34-2677	Davie Kidney Center	Mocksville	10	0	0	0	10	10	21	53%	2.10
Duplin	34-2535	Southeastern Dialysis Center Kenansville	Kenansville	14	0	0	0	14	14	47	84%	3.36
Duplin	34-2659	Wallace Dialysis Center	Wallace	12	0	0	3	15	12	45	94%	3.75
Duplin	34-2630	Warsaw Dialysis Center (RAI)	Warsaw	16	0	0	0	16	16	28	44%	1.75
Durham	34-2302	Duke University Hospital ESRD Unit	Durham	16	0	0	0	16	16	47	73%	2.94
Durham	34-2550	Durham Dialysis	Durham	33	-9	0	0	24	33	125	95%	3.79
Durham	34-2616	Durham-West Dialysis	Durham	26	3	0	0	29	26	85	82%	3.27

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Durham	34-2538	Freedom Lake Dialysis Center	Durham	22	0	0	0	22	22	72	82%	3.27
Durham	34-2590	FMC Dialysis Services of West Pettigrew	Durham	20	0	0	0	20	20	58	73%	2.90
Durham	34-2615	FMC Dialysis Services of Briggs Avenue	Durham	29	0	0	0	29	29	88	76%	3.03
Durham	34-2680	FMC South Durham Dialysis	Durham	12	0	0	0	12	12	18	38%	1.50
Durham	Proposed new site consisting of existing stations.	Durham South Dialysis	Durham	0	12	0	0	12	0	0	0%	0.00
Edgecombe	34-2577	Dialysis Care of Edgecombe County	Tarboro	25	0	0	0	25	25	85	85%	3.40
Edgecombe	34-2603	BMA of East Rocky Mount	Rocky Mount	30	0	0	0	30	30	97	81%	3.23
Forsyth	34-2304	North Carolina Baptist Hospitals	Winston-Salem	4	0	0	0	4	4	2	13%	0.50
Forsyth	34-2505	Piedmont Dialysis	Winston-Salem	62	0	0	0	62	62	135	54%	2.18
Forsyth	34-2612	Northside Dialysis Center (WFU)	Winston-Salem	45	0	0	0	45	45	129	72%	2.87
Forsyth	34-2569	Salem Kidney Center (WFU)	Winston-Salem	36	0	0	0	36	36	123	85%	3.42
Forsyth	34-2667	Miller Street Dialysis Center of WFU	Winston-Salem	36	0	0	0	36	36	115	80%	3.19
Franklin	34-2571	Dialysis Care of Franklin County	Louisburg	23	0	0	0	23	23	71	77%	3.09
Gaston	34-2513	BMA of Gastonia	Gastonia	39	0	0	0	39	39	122	78%	3.13
Gaston	34-2652	Metrolina Kidney Center - Belmont	Belmont	16	0	0	0	16	16	42	66%	2.63
Gaston	34-2595	BMA of Kings Mountain	Kings Mountain	14	0	0	0	14	14	45	80%	3.21
Gaston	34-2671	FMC South Gaston	Gastonia	17	0	0	0	17	17	50	74%	2.94
Gates	n/a	Gambro Healthcare Gates County	Gatesville	0	10	0	0	10	0	0	0%	0.00
Graham	(Cherokee-Clay-Graham Multicounty Service Area.)											
Granville	34-2520	FMC Dialysis Services Neuse River	Oxford	18	0	0	0	18	18	61	85%	3.39
Granville	34-2647	FMS Dialysis Services of Oxford	Oxford	16	0	0	0	16	16	45	70%	2.81
Greene	34-2650	Greene County Dialysis Center	Snow Hill	13	3	0	0	16	13	51	98%	3.92

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Guilford	34-2537	BMA of South Greensboro	Greensboro	59	0	0	0	59	59	157	67%	2.66
Guilford	34-2600	BMA of Southwest Greensboro	Jamestown	31	-2	0	0	29	31	79	64%	2.55
Guilford	34-2504	Kidney Center of Greensboro (BMA)	Greensboro	56	0	0	0	56	56	155	69%	2.77
Guilford	34-2613	Northwest Greensboro Kidney Center (BMA)	Greensboro	25	0	0	0	25	25	65	65%	2.60
Guilford	34-2634	FMC of East Greensboro	Greensboro	37	0	0	0	37	37	99	67%	2.68
Guilford	34-2514	High Point Kidney Center (WFU)	High Point	42	0	0	0	42	42	143	85%	3.40
Guilford	34-2599	Triad Dialysis Center (WFU)	High Point	22	0	0	0	22	20	65	81%	3.25
Halifax	34-2542	BMA of Roanoke Rapids	Roanoke Rapids	35	-2	0	3	36	35	138	99%	3.94
Halifax	34-2619	FMC Dialysis of Halifax County (BMA)	Scotland Neck	11	4	0	0	15	11	49	111%	4.45
Halifax	Proposed new site consisting of existing stations.	Fresenius Medical Care of Weldon - utilization included with BMA Roanoke Rapids.	Weldon	0	10	0	0	10	0	0	0%	0.00
Harnett	34-2557	Dunn Kidney Center (BMA)	Dunn	25	0	-2	1	24	25	87	87%	3.48
Harnett	34-2648	FMS Dialysis Services of Lillington	Lillington	15	1	1	0	17	15	49	82%	3.27
Harnett	Proposed new site consisting of existing stations.	FMC Angier - utilization included with BMA Cary, BMA Fuquay-Varina and BMA Dunn	Angier	0	10	0	0	10	0	0	0%	0.00
Haywood	34-2629	Waynesville Dialysis Center	Clyde	18	0	0	0	18	18	47	65%	2.61
Henderson	34-2564	Hendersonville Dialysis Center	Hendersonville	20	0	0	0	20	20	83	104%	4.15
Hertford	34-2570	Ahoskie Dialysis	Ahoskie	27	0	0	0	27	27	85	79%	3.15
Hoke	34-2579	Dialysis Care of Hoke County	Raeford	30	0	0	0	30	30	110	92%	3.67
Hyde												
Iredell	34-2527	Statesville Dialysis Center (WFU)	Statesville	27	0	0	0	27	27	65	60%	2.41
Iredell	34-2636	West Iredell Dialysis Center	Statesville	20	0	0	0	20	20	60	75%	3.00
Iredell	34-2606	Lake Norman Dialysis Center (WFU)	Mooresville	27	0	0	0	27	27	79	73%	2.93
Jackson	34-2556	Sylva Dialysis Center	Sylva	18	0	0	0	18	18	37	51%	2.06
Johnston	34-2545	FMC Four Oaks (BMA)	Four Oaks	19	0	0	0	19	19	63	83%	3.32
Johnston	34-2572	Johnston Dialysis Center (BMA)	Smithfield	25	-5	0	0	20	25	76	76%	3.04

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates
(Inventory Compiled 6.29.11. Utilization Rates Calculated for 12.31.10.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 6.29.11					Certified Stations 12.31.10	Number In-Center Patients 12.31.10	Utilization Rates	
				Certified	CON Issued/ Not Certified	Decision Rendered	Decision Pending	Total			Utilization by Percent	Patients per Station
Johnston	Proposed new site consisting of existing stations.	FMC West Johnston - utilization included with Johnston Dialysis Center.	Clayton	0	10	0	0	10	0	0	0%	0.00
Johnston	34-2678	Clayton Dialysis Center	Clayton	10	0	0	0	10	10	8	20%	0.80
Jones	34-2625	FMC Dialysis Services of Jones County	Trenton	10	0	0	0	10	10	27	68%	2.70
Lee	34-2620	Carolina Dialysis Sanford (UNC)	Sanford	39	0	0	0	39	39	144	92%	3.69
Lenoir	34-2518	Kinston Dialysis Unit (BMA Kinston)	Kinston	39	0	0	0	39	39	104	67%	2.67
Lenoir	34-2609	FMC Vernon Dialysis	Kinston	24	0	0	0	24	24	67	70%	2.79
Lincoln	34-2568	FMC Lincolnton	Lincolnton	25	0	0	0	25	25	73	73%	2.92
Macon												
Madison												
Martin	34-2584	Dialysis Care of Martin County	Williamston	23	0	0	0	23	23	63	68%	2.74
McDowell	34-2645	McDowell Dialysis Center	Marion	13	0	0	0	13	13	34	65%	2.62
Mecklenburg	34-2554	BMA-West Charlotte	Charlotte	29	-2	0	0	27	29	80	69%	2.76
Mecklenburg	34-2581	BMA of Beatties Ford (Metrolina)	Charlotte	32	0	0	0	32	32	108	84%	3.38
Mecklenburg	34-2549	BMA of North Charlotte	Charlotte	27	0	0	0	27	28	72	64%	2.57
Mecklenburg	34-2306	Carolina's Medical Center	Charlotte	9	0	0	0	9	9	9	25%	1.00
Mecklenburg	34-2552	RAI Care Centers - Charlotte	Charlotte	24	0	0	0	24	24	68	71%	2.83
Mecklenburg	34-2591	RAI Care Centers - Mecklenburg/University	Charlotte	29	13	0	0	42	29	121	104%	4.17
Mecklenburg	34-2523	South Charlotte Dialysis	Charlotte	17	3	0	0	20	17	78	115%	4.59
Mecklenburg	34-2548	Charlotte Dialysis	Charlotte	31	0	0	1	32	26	109	105%	4.19
Mecklenburg	34-2627	Charlotte East Dialysis	Charlotte	16	0	0	0	16	16	74	116%	4.63
Mecklenburg	34-2663	North Charlotte Dialysis Center	Charlotte	17	0	0	4	21	17	74	109%	4.35
Mecklenburg	34-2503	FMC Charlotte	Charlotte	46	0	0	0	46	46	124	67%	2.70
Mecklenburg	34-2605	BMA of East Charlotte	Charlotte	21	0	0	3	24	25	79	79%	3.16
Mecklenburg	34-2594	BMA of Nations Ford	Charlotte	26	0	0	0	26	20	84	105%	4.20
Mecklenburg	34-2681	FMC-Matthews	Matthews	11	0	0	0	11	0	0	0%	0.00
Mecklenburg	Proposed new site consisting of existing stations.	Mint Hill Dialysis Center - utilization included with Charlotte East and South Charlotte.	Mint Hill	0	10	0	0	10	0	0	0%	0.00

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates
(Inventory Compiled 6.29.11. Utilization Rates Calculated for 12.31.10.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 6.29.11					Certified Stations 12.31.10	Number In-Center Patients 12.31.10	Utilization Rates	
				Certified	CON Issued/ Not Certified	Decision Rendered	Decision Pending	Total			Utilization by Percent	Patients per Station
Mitchell (Mitchell-Avery-Yancey Multicounty Planning Area)	34-2660	Mayland Dialysis Center	Spruce Pine	9	0	0	0	9	9	20	56%	2.22
Montgomery	34-2583	Dialysis Care of Montgomery County	Biscoe	19	0	0	0	19	19	51	67%	2.68
Moore	34-2555	Dialysis Care of Pinehurst (Moore County)	Pinehurst	22	3	0	0	25	22	77	88%	3.50
Moore	34-2638	Southern Pines Dialysis Center	Southern Pines	13	0	0	2	15	13	47	90%	3.62
Moore	34-2679	Carthage Dialysis Center	Carthage	12	0	0	0	12	12	18	38%	1.50
Nash	34-2517	Rocky Mount Kidney Center (BMA)	Rocky Mount	42	0	0	0	42	42	153	91%	3.64
Nash	34-2644	FMC Dialysis Services of Spring Hope	Spring Hope	10	0	0	0	10	10	25	63%	2.50
New Hanover	34-2511	Southeastern Dialysis Center	Wilmington	49	-20	0	0	29	49	195	99%	3.98
New Hanover	Proposed new site consisting of existing stations.	Cape Fear Dialysis Center - utilization included with Southeastern Dialysis Center - Wilmington	Wilmington	0	28	0	0	28	0	0	0%	0.00
Northampton	34-2586	Rich Square Dialysis Unit (BMA Northampton)	Rich Square	16	0	0	0	16	16	54	84%	3.38
Onslow	34-2532	Southeastern Dialysis Ctr. Jacksonville	Jacksonville	35	3	0	0	38	35	108	77%	3.09
Orange Pamlico	34-2622	Carolina Dialysis Carrboro (UNC)	Carrboro	36	5	0	0	41	36	132	92%	3.67
Pasquotank	34-2515	Elizabeth City Dialysis	Elizabeth City	24	6	0	0	30	24	101	105%	4.21
Pender	34-2558	Southeastern Dialysis Center Inc.	Burgaw	20	2	0	0	22	20	67	84%	3.35
Perquimans												
Person	34-2562	Roxboro Dialysis	Roxboro	24	0	6	0	30	24	97	101%	4.04
Pitt	34-2502	Greenville Dialysis Center (BMA)	Greenville	48	0	0	0	48	48	133	69%	2.77
Pitt	34-2632	FMC Care of Ayden	Ayden	15	0	0	0	15	15	55	92%	3.67
Pitt	34-2596	FMC Dialysis of East Carolina University	Greenville	38	0	0	0	38	38	115	76%	3.03
Polk	n/a	Polk County Dialysis Center	Columbus	0	10	0	0	10	0	0	0%	0.00

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates
(Inventory Compiled 6.29.11. Utilization Rates Calculated for 12.31.10.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 6.29.11					Certified Stations 12.31.10	Number In-Center Patients 12.31.10	Utilization Rates	
				Certified	CON Issued/ Not Certified	Decision Rendered	Decision Pending	Total			Utilization by Percent	Patients per Station
Randolph	34-2524	Bio-Medical Applications of Asheboro	Asheboro	27	9	10	0	46	27	106	98%	3.93
Richmond	34-2539	Dialysis Care of Richmond County	Hamlet	32	-5	0	0	27	32	116	91%	3.63
Richmond	Proposed new site consisting of existing stations.	Sandhills Dialysis Center - utilization included with Dialysis Care of Richmond County	Rockingham	0	12	0	0	12	0	0	0%	0.00
Robeson	34-2528	Lumberton Dialysis Unit (BMA)	Lumberton	30	0	0	0	30	32	102	80%	3.19
Robeson	34-2623	FMC Dialysis Services of Robeson County	Fairmont	23	0	0	0	23	23	61	66%	2.65
Robeson	34-2607	BMA of Red Springs	Red Springs	18	-4	0	0	14	18	52	72%	2.89
Robeson	34-2662	BMA of St. Pauls	St. Pauls	10	0	0	0	10	10	35	88%	3.50
Robeson	34-2651	St. Pauls Dialysis Center	St. Pauls	10	0	0	0	10	10	26	65%	2.60
Robeson	34-2682	FMC of Pembroke - utilization included with BMA Lumberton, BMA Red Springs, and BMA Laurinburg.	Pembroke	13	0	0	0	13	0	0	0%	0.00
Rockingham	34-2536	Dialysis Care of Rockingham County	Eden	23	0	0	0	23	23	72	78%	3.13
Rockingham	34-2624	Madison Dialysis Center	Madison	10	0	0	0	10	10	30	75%	3.00
Rockingham	34-2640	Reidsville Dialysis	Reidsville	19	0	0	0	19	19	60	79%	3.16
Rockingham	34-2641	Rockingham Kidney Center (BMA)	Reidsville	15	0	0	0	15	15	45	75%	3.00
Rowan	34-2546	Dialysis Care of Rowan County	Salisbury	29	0	0	0	29	29	91	78%	3.14
Rowan	34-2592	Dialysis Care of Kannapolis/Rowan	Kannapolis	25	0	0	0	25	25	79	79%	3.16
Rutherford	34-2566	Dialysis Care of Rutherford County	Forest City	30	0	0	0	30	30	88	73%	2.93
Sampson	34-2559	BMA of Clinton	Clinton	39	-9	0	3	33	39	129	83%	3.31
Sampson	Proposed new site consisting of existing stations.	FMC of Roseboro - utilization included with BMA of Clinton.	Roseboro	0	10	0	0	10	0	0	0%	0.00
Scotland	34-2540	BMA of Laurinburg	Laurinburg	29	-3	0	0	26	29	82	71%	2.83
Scotland	34-2664	FMC of Scotland County	Laurinburg	12	0	0	0	12	12	45	94%	3.75
Stanly	34-2565	BMA of Albemarle	Albemarle	22	0	0	0	22	22	70	80%	3.18
Stokes	34-2633	King Dialysis Center	King	17	0	0	0	17	17	49	72%	2.88

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates
(Inventory Compiled 6.29.11. Utilization Rates Calculated for 12.31.10.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 6.29.11					Certified Stations 12.31.10	Number In-Center Patients 12.31.10	Utilization Rates		
				Certified	CON Issued/ Not Certified	Decision Rendered	Decision Pending	Total			Utilization by Percent	Patients per Station	
Surry	34-2551	Mount Airy Dialysis Center (WFU)	Mt. Airy	27	0	0	0	27	27	78	72%	2.89	
Surry	34-2614	Elkin Dialysis Center (WFU)	Elkin	19	0	0	0	19	19	52	68%	2.74	
Swain	34-2602	Cherokee Dialysis Center	Cherokee	20	0	0	0	20	20	55	69%	2.75	
Transylvania	n/a	Brevard Dialysis Center	Transylvania	0	8	0	0	8	0	0	0%	0.00	
Tyrrell													
Union	34-2525	Metrolina Kidney Center (BMA Monroe)	Monroe	21	0	0	0	21	21	65	77%	3.10	
Union	34-2526	Union County Dialysis	Monroe	24	6	0	0	30	24	90	94%	3.75	
Union	34-2666	Marshville Dialysis Center	Marshville	10	0	0	0	10	10	25	63%	2.50	
Vance	34-2543	Henderson Dialysis Center	Henderson	43	0	0	6	49	43	140	81%	3.26	
Wake	34-2544	Cary Kidney Center (BMA)	Cary	27	0	-3	-4	20	27	74	69%	2.74	
Wake	34-2658	FMS Dialysis Services of Apex	Apex	10	4	0	0	14	10	39	98%	3.90	
Wake	34-2512	BMA of Raleigh Dialysis	Raleigh	48	-1	2	0	49	48	174	91%	3.63	
Wake	34-2646	FMC New Hope	Raleigh	30	-1	7	0	36	30	99	83%	3.30	
Wake		Proposed new site consisting of existing stations.	FMC Central Raleigh - utilization included with BMA Raleigh and FMC New Hope.	Raleigh	0	13	0	0	13	0	0	0%	0.00
Wake	34-2608	BMA of Fuquay Varina	Fuquay-Varina	22	0	-5	0	17	23	75	82%	3.26	
Wake	34-2589	Zebulon Kidney Center (BMA)	Zebulon	30	0	0	0	30	30	90	75%	3.00	
Wake	34-2522	Wake Dialysis Clinic	Raleigh	50	0	0	0	50	50	190	95%	3.80	
Wake	34-2672	FMC Eastern Wake	Rolesville	14	0	0	0	14	14	41	73%	2.93	
Wake	34-2653	FMC Millbrook	Raleigh	16	0	0	0	16	16	43	67%	2.69	
Wake	34-2642	Southwest Wake County Dialysis	Raleigh	24	0	3	3	30	24	94	98%	3.92	
Wake	34-2675	Wake Forest Dialysis Center	Wake Forest	10	0	0	0	10	10	23	58%	2.30	
Warren	34-2610	FMC Dialysis Services of Warren Hills	Warrenton	18	7	0	0	25	18	65	90%	3.61	
Washington	34-2618	FMC Dialysis Services of Plymouth (BMA)	Plymouth	12	2	0	0	14	12	44	92%	3.67	
Watauga	34-2674	FMC Watauga County	Boone	14	0	0	0	14	14	41	73%	2.93	
Wayne	34-2531	Goldsboro Dialysis	Goldsboro	25	0	0	0	25	25	91	91%	3.64	
Wayne	34-2587	Goldsboro South Dialysis	Goldsboro	22	1	0	0	23	22	71	81%	3.23	
Wayne	34-2573	Mount Olive Dialysis	Mount Olive	11	4	0	0	15	11	39	89%	3.55	
Wayne	34-2576	RAI Care Centers - Goldsboro	Goldsboro	16	0	0	0	16	16	24	38%	1.50	
Wilkes	34-2313	Wilkes Regional Dialysis Center	N. Wilkesboro	16	3	3	0	22	16	55	86%	3.44	
Wilson	34-2507	Wilson Dialysis	Wilson	29	7	0	0	36	29	101	87%	3.48	

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates
(Inventory Compiled 6.29.11. Utilization Rates Calculated for 12.31.10.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 6.29.11					Certified Stations 12.31.10	Number In-Center Patients 12.31.10	Utilization Rates	
				Certified	CON Issued/ Not Certified	Decision Rendered	Decision Pending	Total			Utilization by Percent	Patients per Station
Wilson	34-2637	Forest Hills Dialysis	Forest Hills	21	0	0	0	21	21	84	100%	4.00
Yadkin	34-2665	Yadkin Dialysis Center	Yadkinville	13	0	0	0	13	13	26	50%	2.00
Yancey	(Mitchell-Avery-Yancey Multicounty Planning Area.)											
State Totals				4,124	193	25	37	4,379	4,084	12,649		

Table B: ESRD Dialysis Station Need Determinations by Planning Area

County/ Multi-County Planning Area	12.31.06 Total Patients	12.31.07 Total Patients	12.31.08 Total Patients	12.31.09 Total Patients	12.31.10 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12.31.11 Total Patients	12.31.10 Home Patients	12.31.10 % Home Patients	Projected 12.31.11 Home Patients	Projected 12.31.11 In-Center Patients	Projected 12.31.11 In-Center Station Utilization	Total Available Stations	Projected Station Deficit (bolded) or Surplus	County Station Need Determination
Alamance	214	232	238	256	271	0.061	287.5	31	11.4%	32.9	254.7	80	82	Surplus of 2	0
Alexander	30	27	34	30	37	0.069	39.5	6	16.2%	6.4	33.1	10	10	0	0
Alleghany	5	5	7	12	10	0.237	12.4	3	30.0%	3.7	8.7	3	0	3	0
Anson	79	75	69	68	75	-0.011	74.2	4	5.3%	4.0	70.3	22	25	Surplus of 3	0
Ashe	17	20	18	16	21	0.069	22.5	7	33.3%	7.5	15.0	5	0	5	0
Beaufort	82	96	96	96	97	0.045	101.4	19	19.6%	19.9	81.5	25	25	0	0
Bertie	71	67	68	65	68	-0.010	67.3	4	5.9%	4.0	63.4	20	20	0	0
Bladen	64	78	89	92	95	0.107	105.1	4	4.2%	4.4	100.7	31	24	7	0
Brunswick	108	102	113	109	120	0.029	123.5	24	20.0%	24.7	98.8	31	35	Surplus of 4	0
Buncombe	223	230	225	222	226	0.004	226.8	29	12.8%	29.1	197.7	62	86	Surplus of 24	0
Burke	90	90	92	92	85	-0.013	83.9	9	10.6%	8.9	75.0	23	25	Surplus of 2	0
Cabarrus	150	170	174	201	205	0.083	222.0	28	13.7%	30.3	191.7	60	36	24	0
Caldwell	106	104	106	110	104	-0.004	103.6	13	12.5%	12.9	90.6	28	34	Surplus of 6	0
Camden	9	9	12	12	16	0.167	18.7	4	25.0%	4.7	14.0	4	0	4	0
Carteret	55	56	54	67	71	0.071	76.0	7	9.9%	7.5	68.5	21	26	Surplus of 5	0
Caswell	27	25	26	32	37	0.088	40.3	2	5.4%	2.2	38.1	12	10	2	0
Catawba	157	157	162	167	181	0.037	187.6	27	14.9%	28.0	159.6	50	56	Surplus of 6	0
Chatham	64	73	71	79	81	0.063	86.1	7	8.6%	7.4	78.6	25	28	Surplus of 3	0
Cherokee	27	29	23	20	17	-0.103	15.2	5	29.4%	4.5	10.8	3	10	Surplus of 7	0
Clay	9	8	9	8	8	-0.024	7.8	0	0.0%	0.0	7.8	2	0	2	0
Graham	11	11	11	12	14	0.064	14.9	1	7.1%	1.1	13.8	4	0	4	0
Cherokee- Clay Graham Planning Area Total														1	0
Chowan	35	37	39	40	41	0.040	42.7	6	14.6%	6.2	36.4	11	17	Surplus of 6	0
Cleveland	203	206	213	214	238	0.041	247.9	22	9.2%	22.9	224.9	70	59	11	0
Columbus	128	137	137	129	122	-0.011	120.7	11	9.0%	10.9	109.8	34	43	Surplus of 9	0
Craven	149	155	159	177	173	0.039	179.8	11	6.4%	11.4	168.3	53	65	Surplus of 12	0
Cumberland	479	510	521	523	555	0.038	576.0	60	10.8%	62.3	513.7	161	166	Surplus of 5	0
Currituck	17	15	14	14	17	0.007	17.1	7	41.2%	7.1	10.1	3	0	3	0
Dare	29	23	26	22	29	0.022	29.6	4	13.8%	4.1	25.5	8	9	Surplus of 1	0
Davidson	164	172	172	181	180	0.024	184.3	22	12.2%	22.5	161.8	51	54	Surplus of 3	0
Davie	30	36	39	38	41	0.084	44.5	9	22.0%	9.8	34.7	11	10	1	0
Duplin	118	118	127	131	130	0.025	133.3	10	7.7%	10.3	123.0	38	45	Surplus of 7	0
Durham	469	495	505	516	500	0.017	508.3	35	7.0%	35.6	472.7	148	164	Surplus of 16	0
Edgecombe	180	171	186	182	198	0.026	203.2	25	12.6%	25.7	177.5	55	55	0	0
Forsyth	545	556	571	588	593	0.021	605.7	84	14.2%	85.8	519.9	162	183	Surplus of 21	0
Franklin	85	85	94	92	111	0.073	119.1	17	15.3%	18.2	100.8	32	23	9	0
Gaston	234	246	277	295	278	0.046	290.8	27	9.7%	28.2	262.6	82	86	Surplus of 4	0
Gates	25	28	24	18	26	0.043	27.1	2	7.7%	2.1	25.0	8	10	Surplus of 2	0
Granville	105	116	117	106	112	0.019	114.1	11	9.8%	11.2	102.9	32	34	Surplus of 2	0
Greene	40	38	40	46	52	0.071	55.7	6	11.5%	6.4	49.3	15	16	Surplus of 1	0
Guilford	769	792	787	822	790	0.007	795.8	51	6.5%	51.4	744.4	233	270	Surplus of 37	0
Halifax	175	182	192	199	225	0.066	239.7	24	10.7%	25.6	214.2	67	61	6	0

Note: Except for the Cherokee-Clay-Graham Multi-county Planning Area and the Mitchell-Avery-Yancey Multi-county Planning Area, each of the 94 remaining counties is a separate dialysis station planning area.

Table B: ESRD Dialysis Station Need Determinations by Planning Area

County/ Multi-County Planning Area	12.31.06 Total Patients	12.31.07 Total Patients	12.31.08 Total Patients	12.31.09 Total Patients	12.31.10 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12.31.11 Total Patients	12.31.10 Home Patients	12.31.10 % Home Patients	Projected 12.31.11 Home Patients	Projected 12.31.11 In-Center Patients	Projected 12.31.11 In-Center Station Utilization	Total Available Stations	Projected Station Deficit (bolded) or Surplus	County Station Need Determination
Harnett	122	139	153	164	199	0.131	225.1	23	11.6%	26.0	199.1	62	51	11	11
Haywood	48	49	52	53	52	0.021	53.1	9	17.3%	9.2	43.9	14	18	Surplus of 4	0
Henderson	74	71	79	70	74	0.004	74.3	16	21.6%	16.1	58.2	18	20	Surplus of 2	0
Hertford	84	78	77	87	84	0.003	84.2	9	10.7%	9.0	75.2	24	27	Surplus of 3	0
Hoke	67	64	67	73	92	0.088	100.1	3	3.3%	3.3	96.8	30	30	0	0
Hyde	7	6	6	7	6	-0.030	5.8	1	16.7%	1.0	4.9	2	0	2	0
Iredell	185	192	201	192	200	0.020	204.1	41	20.5%	41.8	162.2	51	74	Surplus of 23	0
Jackson	20	25	24	23	28	0.096	30.7	4	14.3%	4.4	26.3	8	18	Surplus of 10	0
Johnston	181	193	191	202	213	0.042	221.9	21	9.9%	21.9	200.1	63	59	4	0
Jones	23	24	28	32	31	0.080	33.5	4	12.9%	4.3	29.2	9	10	Surplus of 1	0
Lee	106	100	102	107	112	0.015	113.7	9	8.0%	9.1	104.5	33	39	Surplus of 6	0
Lenoir	184	175	174	174	183	-0.001	182.9	9	4.9%	9.0	173.9	54	63	Surplus of 9	0
Lincoln	62	66	78	77	87	0.091	94.9	16	18.4%	17.5	77.5	24	25	Surplus of 1	0
Macon	20	21	24	23	23	0.038	23.9	7	30.4%	7.3	16.6	5	0	5	0
Madison	12	9	8	13	11	0.028	11.3	0	0.0%	0.0	11.3	4	0	4	0
Martin	58	64	62	74	81	0.090	88.3	8	9.9%	8.7	79.6	25	23	2	0
McDowell	40	38	44	43	42	0.015	42.7	5	11.9%	5.1	37.6	12	13	Surplus of 1	0
Mecklenburg	986	1071	1097	1122	1201	0.051	1262.2	129	10.7%	135.6	1126.6	352	367	Surplus of 15	0
Mitchell	12	8	8	7	9	-0.043	8.6	0	0.0%	0.0	8.6	3	9	Surplus of 6	0
Avery	11	10	9	10	10	-0.020	9.8	3	30.0%	2.9	6.9	2	0	2	0
Yancey	15	18	17	12	15	0.025	15.4	1	6.7%	1.0	14.4	4	0	4	0
Mitchell-Avery-Yancey Planning Area Total														0	0
Montgomery	44	53	54	44	54	0.066	57.6	3	5.6%	3.2	54.4	17	19	Surplus of 2	0
Moore	138	150	156	155	152	0.025	155.8	20	13.2%	20.5	135.3	42	52	Surplus of 10	0
Nash	167	176	186	204	198	0.045	206.8	28	14.1%	29.2	177.6	55	52	3	0
New Hanover	175	180	191	198	201	0.035	208.1	25	12.4%	25.9	182.2	57	57	0	0
Northampton	71	71	76	79	88	0.056	92.9	9	10.2%	9.5	83.4	26	16	10	10
Onslow	121	125	131	133	127	0.013	128.6	25	19.7%	25.3	103.3	32	38	Surplus of 6	0
Orange	114	142	128	138	137	0.054	144.5	13	9.5%	13.7	130.8	41	41	0	0
Pamlico	17	20	18	21	21	0.061	22.3	1	4.8%	1.1	21.2	7	0	7	0
Pasquotank	65	76	74	86	89	0.085	96.6	11	12.4%	11.9	84.6	26	30	Surplus of 4	0
Pender	83	71	77	82	83	0.004	83.4	12	14.5%	12.1	71.3	22	22	0	0
Perquimans	19	18	17	22	23	0.058	24.3	1	4.3%	1.1	23.3	7	0	7	0
Person	84	86	86	90	91	0.020	92.9	5	5.5%	5.1	87.8	27	30	Surplus of 3	0
Pitt	285	292	303	310	309	0.021	315.3	33	10.7%	33.7	281.7	88	101	Surplus of 13	0
Polk	15	16	12	14	11	-0.058	10.4	1	9.1%	0.9	9.4	3	10	Surplus of 7	0
Randolph	104	105	114	141	142	0.085	154.0	14	9.9%	15.2	138.9	43	46	Surplus of 3	0
Richmond	100	105	109	122	119	0.046	124.4	6	5.0%	6.3	118.2	37	39	Surplus of 2	0
Robeson	312	327	314	327	335	0.019	341.2	23	6.9%	23.4	317.8	99	100	Surplus of 1	0
Rockingham	166	159	161	175	197	0.046	206.0	11	5.6%	11.5	194.5	61	67	Surplus of 6	0
Rowan	128	143	149	150	145	0.033	149.8	34	23.4%	35.1	114.7	36	54	Surplus of 18	0
Rutherford	94	88	80	87	98	0.015	99.5	9	9.2%	9.1	90.3	28	30	Surplus of 2	0

Note: Except for the Cherokee-Clay-Graham Multi-county Planning Area and the Mitchell-Avery-Yancey Multi-county Planning Area, each of the 94 remaining counties is a separate dialysis station planning area.

Table B: ESRD Dialysis Station Need Determinations by Planning Area

County/ Multi-County Planning Area	12.31.06 Total Patients	12.31.07 Total Patients	12.31.08 Total Patients	12.31.09 Total Patients	12.31.10 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12.31.11 Total Patients	12.31.10 Home Patients	12.31.10 % Home Patients	Projected 12.31.11 Home Patients	Projected 12.31.11 In-Center Patients	Projected 12.31.11 In-Center Station Utilization	Total Available Stations	Projected Station Deficit (bolded) or Surplus	County Station Need Determination
Sampson	134	147	140	142	161	0.049	168.9	13	8.1%	13.6	155.3	49	43	6	0
Scotland	108	110	99	109	108	0.003	108.3	7	6.5%	7.0	101.3	32	38	Surplus of 6	0
Stanly	61	64	74	67	70	0.039	72.7	7	10.0%	7.3	65.5	20	22	Surplus of 2	0
Stokes	45	45	51	54	56	0.057	59.2	6	10.7%	6.3	52.9	17	17	0	0
Surry	82	96	100	99	107	0.071	114.6	13	12.1%	13.9	100.7	31	46	Surplus of 15	0
Swain	50	48	48	48	44	-0.031	42.6	1	2.3%	1.0	41.7	13	20	Surplus of 7	0
Transylvania	24	23	16	15	20	-0.019	19.6	3	15.0%	2.9	16.7	5	8	Surplus of 3	0
Tyrrell	12	11	7	9	6	-0.124	5.3	0	0.0%	0.0	5.3	2	0	2	0
Union	142	135	148	156	183	0.069	195.5	19	10.4%	20.3	175.2	55	61	Surplus of 6	0
Vance	130	139	152	158	163	0.058	172.5	11	6.7%	11.6	160.9	50	49	1	0
Wake	792	864	929	952	995	0.059	1053.7	107	10.8%	113.3	940.4	294	299	Surplus of 5	0
Warren	48	57	60	63	60	0.061	63.6	2	3.3%	2.1	61.5	19	25	Surplus of 6	0
Washington	32	29	33	38	37	0.042	38.6	1	2.7%	1.0	37.5	12	14	Surplus of 2	0
Watauga	30	30	32	27	31	0.015	31.5	7	22.6%	7.1	24.4	8	14	Surplus of 6	0
Wayne	244	241	249	236	240	-0.004	239.1	32	13.3%	31.9	207.3	65	79	Surplus of 14	0
Wilkes	55	61	69	83	75	0.087	81.5	12	16.0%	13.0	68.5	21	22	Surplus of 1	0
Wilson	179	192	188	199	198	0.026	203.2	26	13.1%	26.7	176.5	55	57	Surplus of 2	0
Yadkin	37	43	43	45	40	0.024	41.0	5	12.5%	5.1	35.9	11	13	Surplus of 2	0
Unknowns	7	6	7	9	15	0.000	0.0	2	13.3%	0	0.0	0	0	0	0
State Totals	12,408	12,947	13,319	13,751	14,232			1,554				4,110	4,379		21

Note: Except for the Cherokee-Clay-Graham Multi-county Planning Area and the Mitchell-Avery-Yancey Multi-county Planning Area, each of the 94 remaining counties is a separate dialysis station planning area.

**Table C: Need Determinations for New Dialysis Stations by County
(Based on the County Need Methodology - December 2010)**

County	HSA	Number of New Dialysis Stations Needed	Certificate of Need Application Due Date*	Certificate of Need Beginning Review Date
Harnett	V	11	September 15, 2011	October 1, 2011
Northampton	VI	10	September 15, 2011	October 1, 2011

- * Need determinations shown in this document may be increased or decreased during the year pursuant to Policy GEN-2 (see Chapter 4).
- ** 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).

Southeastern Kidney Council Disclaimer

May 11, 2011

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