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# North Carolina Semiannual Dialysis Report January 2011



# January 2011 North Carolina Semiannual Dialysis Report

*Issued January 15, 2011  
Re-issued February 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, Planning Section Chief  
Medical Facilities Planning Section

**SUBJECT:** January 2011 North Carolina Semiannual Dialysis Report - REVISED

**DATE:** February 1, 2011

Shortly after releasing the January 2011 North Carolina Semiannual Dialysis Report (SDR) errors were found. Staff has worked diligently to verify, validate and correct the SDR. A revised January 2011 North Carolina Semiannual Dialysis Report is now available. This report is published pursuant to Chapter 14 of the 2011 North Carolina State Medical Facilities Plan. It applies the County Need methodology on patient data on June 30, 2010 and calculates utilization rates for implementation of the Facility Need methodology.

Certificate of need applications in response to the "January 2011 Semiannual Dialysis Report" are due on March 15, 2011 for review beginning April 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 919-855-3866. 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.



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# END-STAGE RENAL DISEASE DIALYSIS FACILITIES

## Semiannual Dialysis Report, January 2011 – Revised February 1, 2011

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### Introduction

The 2011 North Carolina 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 “January 2011 SDR.” It reiterates the methodology and presents need determinations for the certificate of need review beginning April 1, 2011.

### Summary of Dialysis Station Supply and Utilization

For purposes of the Semiannual Dialysis Report, as of December 30, 2010 there were 168 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 4,041 dialysis stations. Certificates of need had been issued for an additional 214 dialysis stations, but the stations were not yet certified. Another 111 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 13.

Utilization data as of June 30, 2010 are presented in the final two columns of Table A of the 168 certified facilities operational on that date, 71 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 June 30, 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 June 30, 2010 were provided by the SEKC on November 30, 2010. 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 November 20, 2010. The SEKC stated that these data are subject to change (*SEKC Disclaimer found on page 19*). 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 31<sup>st</sup> of 2005, 2006, 2007, 2008 and 2009 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 June 30, 2010 regardless of the county or state of each patient's residence. These figures were also provided by the SEKC on November 30, 2010. 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 November 20, 2010. The SEKC also stated that these figures are subject to change.

### **Method for Projection of New Dialysis Station Need**

The 2011 North Carolina 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 January 2011 SDR – Using the trend line ending with 12/31/09 data*)
  - (A) The average annual rate (percent) of change in total number of dialysis patients resident in each county from the end of 2005 to the end of 2009 is multiplied by the county's June 30, 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 June 30, 2011 patients.
  - (B) The percent of each county's total patients who were home dialysis patients on June 30, 2010 is multiplied by the county's projected total June 30, 2011 patients, and the product is subtracted from the county's projected total June 30, 2011 patients. The remainder is the county's projected June 30, 2011 in-center dialysis patients.

- (C) The projected number of each county's June 30, 2011 in-center patients is divided by 3.2. The quotient is the projection of the county's June 30, 2011 in-center dialysis stations.
- (D) From each county's projected number of June 30, 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 June 30, 2011 projected station surplus or deficit.
- (E) If a county's June 30, 2011 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 June 30, 2011 county station need determination is the same as the June 30, 2011 projected station deficit. If a county's June 30, 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 June 30, 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<sub>1</sub>) is subtracted from the number of in-center dialysis patients reported in the current SDR (SDR<sub>2</sub>). 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<sub>1</sub> 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 6 (*the number of months from June 30, 2010 until December 31, 2010*) for the January 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 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 North Carolina Semiannual Dialysis Reports and for receipt of certificate of need applications based on each issue of that report shall be as follows:

<u>Data for Period Ending</u>	<u>Due Dates for SEKC Report</u>	<u>Publication of SDR</u>	<u>Application Due Dates for CON Applications</u>	<u>Beginning Review Dates</u>
June 30, 2010	Nov. 9, 2010	January 15, 2011	March 15, 2011	April 1, 2011
Dec. 31, 2010	May 10, 2011	July 1, 2011	September 15, 2011	October 3, 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 these dialysis reports. The filing deadline is absolute.

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates  
(Inventory Compiled 12.30.10. Utilization Rates Calculated for 6.30.10.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 12.30.10					Certified Stations 6.30.10	Number In-Center Patients 6.30.10	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	0	39	49	165	84%	3.37
Alamance	34-2567	Burlington Dialysis Center	Burlington	27	-10	0	0	17	27	81	75%	3.00
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		
Alamance	Proposed new site consisting of existing stations.	FMC Mebane - utilization included with BMA of Burlington	Mebane	0	10	0	0	10	0	0		
Alexander	n/a	Fresenius Medical Care of Alexander County	Taylorsville	0	10	0	0	10	0	0		
Alleghany												
Anson	34-2560	Dialysis Care of Anson County	Wadesboro	15	0	0	0	15	15	42	70%	2.80
Anson	34-2673	FMC of Anson County	Wadesboro	10	0	0	0	10	10	17	43%	1.70
Ashe												
Avery		(Mitchell-Avery-Yancey Multicounty Planning Area.)										
Beaufort	34-2561	BMA of Pamlico	Washington	25	0	0	0	25	25	73	73%	2.92
Bertie	34-2547	Windsor Dialysis Unit (BMA)	Windsor	20	0	0	0	20	20	45	56%	2.25
Bladen	34-2578	Southeastern Dialysis Center	Elizabethtown	21	3	0	0	24	21	65	77%	3.10
Brunswick	34-2582	Southeastern Dialysis Center	Shallotte	13	0	0	0	13	13	45	87%	3.46
Brunswick	34-2669	Southport Dialysis Center	Southport	10	0	0	0	10	10	26	65%	2.60
Brunswick	n/a	FMC of Brunswick County	Supply	0	10	0	0	10	0	0		
Buncombe	34-2506	Asheville Kidney Center	Asheville	46	0	0	0	46	46	156	85%	3.39
Buncombe	34-2626	Swannanoa Dialysis Center	Swannanoa	10	0	0	0	10	10	20	50%	2.00
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	72	72%	2.88
Cabarrus	34-2670	Harrisburg Dialysis Center	Concord	15	0	0	0	15	15	49	82%	3.27
Cabarrus	34-2631	Copperfield Dialysis	Concord	21	0	0	0	21	16	54	84%	3.38
Cabarrus	n/a	July 2010 Cabarrus County Need Determination - Four CON applications submitted	TBD	0	0	0	23	23	0	0		
Caldwell	34-2509	BMA-Lenoir	Lenoir	34	0	0	0	34	34	89	65%	2.62
Camden												
Carteret	34-2588	Crystal Coast Dialysis Unit (BMA)	Morehead City	20	0	0	6	26	20	64	80%	3.20
Caswell	34-2597	Renal Care Group - Caswell (BMA)	Yanceyville	10	0	0	0	10	10	30	75%	3.00
Catawba	34-2516	BMA-Hickory	Hickory	33	0	0	0	33	33	103	78%	3.12
Catawba	34-2635	FMC Catawba Valley Dialysis	Conover	23	0	0	0	23	23	60	65%	2.61
Chatham	34-2621	Carolina Dialysis Siler City	Siler City	9	6	0	0	15	9	49	136%	5.44

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Chatham	34-2617	Carolina Dialysis -Pittsboro	Pittsboro	10	0	0	0	10	10	20	50%	2.00
Cherokee (Cherokee-Clay- Graham Multicounty Planning Area.)	34-2649	Smokey Mountains Dialysis Center	Murphy	10	0	0	0	10	10	23	58%	2.30
Chowan	34-2541	Edenton Dialysis	Edenton	17	0	0	0	17	17	58	85%	3.41
Clay	(Cherokee-Clay-Graham Multicounty Planning Area.)											
Cleveland	34-2529	Dialysis Clinic (DCI Shelby)	Shelby	34	-9	0	0	25	35	90	64%	2.57
Cleveland	34-2661	DCI Boiling Springs	Boiling Springs	10	0	0	0	10	10	26	65%	2.60
Cleveland	34-2611	DCI Kings Mountain	Kings Mtn.	12	2	0	0	14	12	44	92%	3.67
Cleveland	Proposed new site consisting of existing stations.	DCI South - utilization included with DCI Shelby.	Shelby	1	9	0	0	10	1	0		
Columbus	34-2521	Southeastern Dialysis Center	Whiteville	27	-1	0	0	26	27	64	59%	2.37
Columbus	34-2628	Chadbourn Dialysis Center	Chadbourn	17	0	0	0	17	17	44	65%	2.59
Craven	34-2534	New Bern Dialysis Unit (BMA)	New Bern	37	0	0	0	37	37	92	62%	2.49
Craven	34-2585	FMC Craven County	New Bern	29	0	0	-1	28	29	73	63%	2.52
Cumberland	34-2510	Fayetteville Kidney Center (BMA)	Fayetteville	40	-3	1	0	38	39	139	89%	3.56
Cumberland	34-2643	FMC Dialysis Services of West Fayetteville	Fayetteville	37	0	0	0	37	33	104	79%	3.15
Cumberland	34-2593	FMC Dialysis Services-North Ramsey (BMA)	Fayetteville	37	3	0	0	40	40	115	72%	2.88
Cumberland	34-2601	FMC Dialysis Services-South Ramsey (BMA)	Fayetteville	51	0	0	0	51	51	132	65%	2.59
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	99	69%	2.75
Davidson	34-2639	Thomasville Dialysis Center	Thomasville	16	0	0	2	18	16	41	64%	2.56
Davie	n/a	Davie Kidney Center	Mocksville	0	10	0	0	10	0	0		
Duplin	34-2535	Southeastern Dialysis Center Kenansville	Kenansville	14	0	0	0	14	14	46	82%	3.29
Duplin	34-2659	Wallace Dialysis Center	Wallace	12	0	0	0	12	12	47	98%	3.92
Duplin	34-2630	Warsaw Dialysis Center (RAI)	Warsaw	16	0	0	0	16	16	31	48%	1.94

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				Certified	CON Issued/ Not Certified	Decision Rendered	Decision Pending	Total			Utilization by Percent	Patients per Station
Durham	34-2302	Duke University Hospital ESRD Unit	Durham	16	0	0	0	16	16	49	77%	3.06
Durham	34-2550	Durham Dialysis	Durham	33	-9	0	0	24	33	129	98%	3.91
Durham	34-2616	Durham-West Dialysis	Durham	26	0	0	3	29	26	89	86%	3.42
Durham	34-2538	Freedom Lake Dialysis Center	Durham	22	0	0	0	22	26	87	84%	3.35
Durham	34-2590	FMC Dialysis Services of West Pettigrew	Durham	20	0	0	0	20	24	63	66%	2.63
Durham	34-2615	FMC Dialysis Services of Briggs Avenue	Durham	29	0	0	0	29	27	103	95%	3.81
Durham	Proposed new site consisting of existing stations.	FMC South Durham Dialysis - Utilization included with BMA Freedom Lake, FMC West Pettigrew and FMC Briggs Ave.	Durham	0	12	0	0	12	0	0		
Durham	Proposed new site consisting of existing stations.	Durham South Dialysis - utilization included with Durham Dialysis.	Durham	0	12	0	0	12	0	0		
Edgecombe	34-2577	Dialysis Care of Edgecombe County	Tarboro	25	0	0	0	25	25	71	71%	2.84
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	1	6%	0.25
Forsyth	34-2505	Piedmont Dialysis	Winston-Salem	62	0	0	0	62	62	130	52%	2.10
Forsyth	34-2612	Northside Dialysis Center (WFU)	Winston-Salem	45	0	0	0	45	45	131	73%	2.91
Forsyth	34-2569	Salem Kidney Center (WFU)	Winston-Salem	36	0	0	0	36	36	131	91%	3.64
Forsyth	34-2667	Miller Street Dialysis Center of WFU	Winston-Salem	36	0	0	0	36	36	119	83%	3.31
Franklin	34-2571	Dialysis Care of Franklin County	Louisburg	23	0	0	0	23	23	70	76%	3.04
Gaston	34-2513	BMA of Gastonia	Gastonia	39	0	0	0	39	37	129	87%	3.49
Gaston	34-2652	Metrolina Kidney Center - Belmont	Belmont	16	0	0	0	16	16	43	67%	2.69
Gaston	34-2595	BMA of Kings Mountain	Kings Mountain	14	0	0	0	14	14	42	75%	3.00
Gaston	34-2671	FMC South Gaston	Gastonia	17	0	0	0	17	12	43	90%	3.58



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				Certified	CON Issued/ Not Certified	Decision Rendered	Decision Pending	Total			Utilization by Percent	Patients per Station
Iredell	34-2527	Statesville Dialysis Center (WFU)	Statesville	27	0	0	0	27	27	71	66%	2.63
Iredell	34-2636	West Iredell Dialysis Center	Statesville	20	0	0	0	20	20	56	70%	2.80
Iredell	34-2606	Lake Norman Dialysis Center (WFU)	Mooresville	27	0	0	0	27	27	76	70%	2.81
Jackson	34-2556	Sylva Dialysis Center	Sylva	18	0	0	0	18	18	44	61%	2.44
Johnston	34-2545	FMC Four Oaks (BMA)	Four Oaks	19	0	0	0	19	19	59	78%	3.11
Johnston	34-2572	Johnston Dialysis Center (BMA)	Smithfield	25	-5	0	0	20	25	83	83%	3.32
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		
Johnston	34-2678	Clayton Dialysis Center	Clayton	10	0	0	0	10	0	0		
Jones	34-2625	FMC Dialysis Services of Jones County	Trenton	10	0	0	0	10	10	29	73%	2.90
Lee	34-2620	Carolina Dialysis Sanford (UNC)	Sanford	39	0	0	0	39	31	137	110%	4.42
Lenoir	34-2518	Kinston Dialysis Unit (BMA Kinston)	Kinston	39	0	0	0	39	39	96	62%	2.46
Lenoir	34-2609	FMC Vernon Dialysis	Kinston	24	0	0	0	24	24	64	67%	2.67
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	61	66%	2.65
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	75	65%	2.59
Mecklenburg	34-2581	BMA of Beatties Ford (Metrolina)	Charlotte	32	0	0	0	32	32	102	80%	3.19
Mecklenburg	34-2549	BMA of North Charlotte	Charlotte	28	-1	0	0	27	28	70	63%	2.50
Mecklenburg	34-2306	Carolina's Medical Center	Charlotte	9	0	0	0	9	9	3	8%	0.33
Mecklenburg	34-2552	RAI Care Centers - Charlotte	Charlotte	24	0	0	0	24	24	64	67%	2.67
Mecklenburg	34-2591	RAI Care Centers - Mecklenburg/University	Charlotte	29	5	8	0	42	29	118	102%	4.07
Mecklenburg	34-2523	South Charlotte Dialysis	Charlotte	17	3	0	0	20	17	80	118%	4.71
Mecklenburg	34-2548	Charlotte Dialysis	Charlotte	26	1	0	4	31	26	106	102%	4.08
Mecklenburg	34-2627	Charlotte East Dialysis	Charlotte	16	0	0	0	16	16	78	122%	4.88
Mecklenburg	34-2663	North Charlotte Dialysis Center	Charlotte	17	0	0	0	17	17	56	82%	3.29
Mecklenburg	34-2503	BMA of Charlotte	Charlotte	46	0	0	0	46	46	119	65%	2.59
Mecklenburg	34-2605	BMA of East Charlotte	Charlotte	25	-4	0	0	21	25	82	82%	3.28

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates  
(Inventory Compiled 12.30.10. Utilization Rates Calculated for 6.30.10.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 12.30.10					Certified Stations 6.30.10	Number In-Center Patients 6.30.10	Utilization Rates	
				Certified	CON Issued/ Not Certified	Decision Rendered	Decision Pending	Total			Utilization by Percent	Patients per Station
Mecklenburg	34-2594	BMA of Nations Ford	Charlotte	20	6	0	0	26	20	90	113%	4.50
Mecklenburg	Proposed new site consisting of existing stations.	New BMA Facility - Matthews - utilization included with BMA Nations Ford, BMA East Charlotte Dialysis, BMA West Charlotte, and BMA North Charlotte.	Matthews	0	11	0	0	11	0	0		
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		
Mitchell (Mitchell-Avery-Yancey Multicounty Planning Area)	34-2660	Mayland Dialysis Center	Spruce Pine	9	0	0	0	9	9	16	44%	1.78
Montgomery	34-2583	Dialysis Care of Montgomery County	Biscoe	19	0	0	0	19	19	52	68%	2.74
Moore	34-2555	Dialysis Care of Pinehurst (Moore County)	Pinehurst	22	3	0	0	25	33	99	75%	3.00
Moore	34-2638	Southern Pines Dialysis Center	Southern Pines	13	0	0	0	13	12	47	98%	3.92
Moore	Proposed new site consisting of existing stations.	Carthage Dialysis Center - utilization included with Dialysis care of Moore County and Southern Pines Dialysis Center.	Carthage	0	12	0	0	12	0	0		
Nash	34-2517	Rocky Mount Kidney Center (BMA)	Rocky Mount	42	0	0	0	42	42	148	88%	3.52
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	3	32	49	193	98%	3.94
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		
Northampton	34-2586	Rich Square Dialysis Unit (BMA Northampton)	Rich Square	16	0	0	0	16	16	47	73%	2.94
Onslow	34-2532	Southeastern Dialysis Ctr. Jacksonville	Jacksonville	35	3	0	0	38	35	114	81%	3.26

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates  
(Inventory Compiled 12.30.10. Utilization Rates Calculated for 6.30.10.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 12.30.10					Certified Stations 6.30.10	Number In-Center Patients 6.30.10	Utilization Rates	
				Certified	CON Issued/ Not Certified	Decision Rendered	Decision Pending	Total			Utilization by Percent	Patients per Station
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	94	98%	3.92
Pender Perquimans	34-2558	Southeastern Dialysis Center Inc.	Burgaw	20	0	0	2	22	20	65	81%	3.25
Person	34-2562	Roxboro Dialysis	Roxboro	24	0	0	6	30	24	98	102%	4.08
Pitt	34-2502	Greenville Dialysis Center (BMA)	Greenville	48	0	0	0	48	48	123	64%	2.56
Pitt	34-2632	FMC Care of Ayden	Ayden	15	0	0	0	15	15	47	78%	3.13
Pitt	34-2596	FMC Dialysis of East Carolina University	Greenville	38	0	0	0	38	38	118	78%	3.11
Polk	n/a	Polk County Dialysis Center	Columbus	0	10	0	0	10	0	0		
Randolph	34-2524	Bio-Medical Applications of Asheboro	Asheboro	27	9	0	0	36	27	106	98%	3.93
Randolph	n/a	July 2010 Randolph County Need Determination - Two CON applications submitted	TBD	0	0	0	10	10	0	0		
Richmond	34-2539	Dialysis Care of Richmond County	Hamlet	32	-12	0	7	27	32	120	94%	3.75
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		
Robeson	34-2528	Lumberton Dialysis Unit (BMA)	Lumberton	32	-6	4	0	30	32	113	88%	3.53
Robeson	34-2623	FMC Dialysis Services of Robeson County	Fairmont	23	0	0	0	23	23	57	62%	2.48
Robeson	34-2607	BMA of Red Springs	Red Springs	18	-4	0	0	14	18	44	61%	2.44
Robeson	34-2662	BMA of St. Pauls	St. Pauls	10	0	0	0	10	10	31	78%	3.10
Robeson	34-2651	St. Pauls Dialysis Center	St. Pauls	10	0	0	0	10	10	23	58%	2.30
Robeson	Proposed new site consisting of existing stations.	FMC of Pembroke - utilization included with BMA Lumberton, BMA Red Springs, and BMA Laurinburg.	Pembroke	0	13	0	0	13	0	0		
Rockingham	34-2536	Dialysis Care of Rockingham County	Eden	23	0	0	0	23	23	68	74%	2.96
Rockingham	34-2624	Madison Dialysis Center	Madison	10	0	0	0	10	10	26	65%	2.60
Rockingham	34-2640	Reidsville Dialysis	Reidsville	19	0	0	0	19	19	55	72%	2.89



**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates  
(Inventory Compiled 12.30.10. Utilization Rates Calculated for 6.30.10.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 12.30.10					Certified Stations 6.30.10	Number In-Center Patients 6.30.10	Utilization Rates	
				Certified	CON Issued/ Not Certified	Decision Rendered	Decision Pending	Total			Utilization by Percent	Patients per Station
Rockingham	34-2641	Rockingham Kidney Center (BMA)	Reidsville	15	0	0	0	15	15	44	73%	2.93
Rowan	34-2546	Dialysis Care of Rowan County	Salisbury	29	0	0	0	29	29	94	81%	3.24
Rowan	34-2592	Dialysis Care of Kannapolis/Rowan	Kannapolis	25	0	0	0	25	25	73	73%	2.92
Rutherford	34-2566	Dialysis Care of Rutherford County	Forest City	30	0	0	0	30	30	83	69%	2.77
Sampson	34-2559	BMA of Clinton	Clinton	39	-9	0	0	30	39	130	83%	3.33
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		
Scotland	34-2540	BMA of Laurinburg	Laurinburg	29	-3	0	0	26	29	79	68%	2.72
Scotland	34-2664	FMC of Scotland County	Laurinburg	12	0	0	0	12	12	42	88%	3.50
Stanly	34-2565	BMA of Albemarle	Albemarle	22	0	0	0	22	22	66	75%	3.00
Stokes	34-2633	King Dialysis Center	King	17	0	0	0	17	17	49	72%	2.88
Surry	34-2551	Mount Airy Dialysis Center (WFU)	Mt. Airy	27	0	0	0	27	27	74	69%	2.74
Surry	34-2614	Elkin Dialysis Center (WFU)	Elkin	19	0	0	0	19	15	58	97%	3.87
Swain	34-2602	Cherokee Dialysis Center	Cherokee	20	0	0	0	20	20	63	79%	3.15
Transylvania	n/a	Brevard Dialysis Center	Transylvania	0	8	0	0	8	0	0		
Tyrrell												
Union	34-2525	Metrolina Kidney Center (BMA Monroe)	Monroe	21	0	0	0	21	21	58	69%	2.76
Union	34-2526	Union County Dialysis	Monroe	24	2	0	4	30	24	95	99%	3.96
Union	34-2666	Marshville Dialysis Center	Marshville	10	0	0	0	10	10	23	58%	2.30
Vance	34-2543	Henderson Dialysis Center	Henderson	43	0	0	6	49	43	139	81%	3.23
Wake	34-2544	Cary Kidney Center (BMA)	Cary	27	0	-3	-4	20	27	71	66%	2.63
Wake	34-2658	FMS Dialysis Services of Apex	Apex	10	0	0	4	14	10	34	85%	3.40
Wake	34-2512	BMA of Raleigh Dialysis	Raleigh	48	-1	2	0	49	48	176	92%	3.67
Wake	34-2646	FMC New Hope	Raleigh	30	-1	0	7	36	30	116	97%	3.87
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		
Wake	34-2608	BMA of Fuquay Varina	Fuquay-Varina	23	-1	-5	0	17	25	76	76%	3.04
Wake	34-2589	Zebulon Kidney Center (BMA)	Zebulon	30	0	0	0	30	30	93	78%	3.10
Wake	34-2522	Wake Dialysis Clinic	Raleigh	50	0	0	0	50	50	189	95%	3.78
Wake	34-2672	FMC Eastern Wake	Rolesville	14	0	0	0	14	12	34	71%	2.83

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates  
(Inventory Compiled 12.30.10. Utilization Rates Calculated for 6.30.10.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 12.30.10					Certified Stations 6.30.10	Number In-Center Patients 6.30.10	Utilization Rates	
				Certified	CON Issued/ Not Certified	Decision Rendered	Decision Pending	Total			Utilization by Percent	Patients per Station
Wake	34-2653	FMC Millbrook	Raleigh	16	0	0	0	16	16	41	64%	2.56
Wake	34-2642	Southwest Wake County Dialysis	Raleigh	24	0	0	3	27	24	94	98%	3.92
Wake	34-2675	Wake Forest Dialysis Center	Wake Forest	10	0	0	0	10	10	14	35%	1.40
Warren	34-2610	FMC Dialysis Services of Warren Hills	Warrenton	18	7	0	0	25	18	63	88%	3.50
Washington	34-2618	FMC Dialysis Services of Plymouth (BMA)	Plymouth	12	2	0	0	14	11	43	98%	3.91
Watauga	34-2674	FMC Watauga County	Boone	14	0	0	0	14	14	60	107%	4.29
Wayne	34-2531	Goldsboro Dialysis	Goldsboro	25	0	0	0	25	25	94	94%	3.76
Wayne	34-2587	Goldsboro South Dialysis	Goldsboro	22	1	0	0	23	22	76	86%	3.45
Wayne	34-2573	Mount Olive Dialysis	Mount Olive	11	4	0	0	15	11	47	107%	4.27
Wayne	34-2576	RAI Care Centers - Goldsboro	Goldsboro	16	0	0	0	16	16	27	42%	1.69
Wilkes	34-2313	Wilkes Regional Dialysis Center	N. Wilkesboro	16	3	3	0	22	16	56	88%	3.50
Wilson	34-2507	Wilson Dialysis	Wilson	29	4	0	3	36	29	109	94%	3.76
Wilson	34-2637	Forest Hills Dialysis	Forest Hills	21	0	0	0	21	21	92	110%	4.38
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				4,041	214	18	93	4,366	4,016	12,551		

## Table B: ESRD Dialysis Station Need Determinations by Planning Area

County/ Multi-County Planning Area	12.31.05 Total Patients	12.31.06 Total Patients	12.31.07 Total Patients	12.31.08 Total Patients	12.31.09 Total Patients	Average Annual Change Rate for Past Five Years	6.30.10 Total Patients	Projected 6.30.11 Total Patients	6.30.10 Home Patients	6.30.10 % Home Patients	Projected 6.30.11 Home Patients	Projected 6.30.11 In-Center Patients	Projected 6.30.11 In-Center Station Utilization	Total Available Stations	Projected Station Deficit (bolded) or Surplus	County Station Need Determination
Alamance	197	214	232	238	256	0.068	272	290.5	26	9.6%	27.8	262.7	82	76	<b>6</b>	<b>0</b>
Alexander	18	30	27	34	30	0.177	30	35.3	7	23.3%	8.2	27.1	8	10	Surplus of 2	<b>0</b>
Alleghany	4	5	5	7	12	0.341	14	18.8	2	14.3%	2.7	16.1	5	0	<b>5</b>	<b>0</b>
Anson	78	79	75	69	68	-0.033	76	73.5	4	5.3%	3.9	69.6	22	25	Surplus of 3	<b>0</b>
Ashe	16	17	20	18	16	0.007	19	19.1	7	36.8%	7.0	12.1	4	0	<b>4</b>	<b>0</b>
Beaufort	92	82	96	96	96	0.016	99	100.5	16	16.2%	16.2	84.3	26	25	<b>1</b>	<b>0</b>
Bertie	71	71	67	68	65	-0.021	69	67.5	6	8.7%	5.9	61.7	19	20	Surplus of 1	<b>0</b>
Bladen	63	64	78	89	92	0.102	92	101.4	4	4.3%	4.4	97.0	30	24	<b>6</b>	<b>0</b>
Brunswick	96	108	102	113	109	0.035	117	121.2	24	20.5%	24.9	96.3	30	33	Surplus of 3	<b>0</b>
Buncombe	231	223	230	225	222	-0.010	228	225.8	26	11.4%	25.8	200.1	63	82	Surplus of 19	<b>0</b>
Burke	82	90	90	92	92	0.030	93	95.8	15	16.1%	15.4	80.3	25	25	0	<b>0</b>
Cabarrus	146	150	170	174	201	0.085	197	213.7	29	14.7%	31.5	182.3	57	59	Surplus of 2	<b>0</b>
Caldwell	103	106	104	106	110	0.017	105	106.8	13	12.4%	13.2	93.5	29	34	Surplus of 5	<b>0</b>
Camden	8	9	9	12	12	0.115	11	12.3	3	27.3%	3.3	8.9	3	0	<b>3</b>	<b>0</b>
Carteret	56	55	56	54	67	0.051	67	70.4	4	6.0%	4.2	66.2	21	26	Surplus of 5	<b>0</b>
Caswell	29	27	25	26	32	0.032	32	33.0	2	6.3%	2.1	31.0	10	10	0	<b>0</b>
Catawba	159	157	157	162	167	0.013	171	173.1	25	14.6%	25.3	147.8	46	56	Surplus of 10	<b>0</b>
Chatham	61	64	73	71	79	0.069	81	86.6	8	9.9%	8.6	78.0	24	25	Surplus of 1	<b>0</b>
Cherokee	27	27	29	23	20	-0.066	20	18.7	6	30.0%	5.6	13.1	4	10	Surplus of 6	<b>0</b>
Clay	6	9	8	9	8	0.101	8	8.8	0	0.0%	0.0	8.8	3	0	<b>3</b>	<b>0</b>
Graham	13	11	11	11	12	-0.016	16	15.7	1	6.3%	1.0	14.8	5	0	<b>5</b>	<b>0</b>
Cherokee-Clay-Graham Planning Area Total															<b>2</b>	<b>0</b>
Chowan	35	35	37	39	40	0.034	43	44.5	6	14.0%	6.2	38.3	12	17	Surplus of 5	<b>0</b>
Cleveland	196	203	206	213	214	0.022	227	232.1	23	10.1%	23.5	208.5	65	59	<b>6</b>	<b>0</b>
Columbus	133	128	137	137	129	-0.006	122	121.2	6	4.9%	6.0	115.3	36	43	Surplus of 7	<b>0</b>
Craven	150	149	155	159	177	0.043	165	172.1	11	6.7%	11.5	160.6	50	65	Surplus of 15	<b>0</b>
Cumberland	486	479	510	521	523	0.019	540	550.2	52	9.6%	53.0	497.2	155	166	Surplus of 11	<b>0</b>
Currituck	17	17	15	14	14	-0.046	17	16.2	7	41.2%	6.7	9.5	3	0	<b>3</b>	<b>0</b>
Dare	27	29	23	26	22	-0.039	28	26.9	3	10.7%	2.9	24.0	8	9	Surplus of 1	<b>0</b>
Davidson	178	164	172	172	181	0.006	180	181.0	21	11.7%	21.1	159.9	50	54	Surplus of 4	<b>0</b>
Davie	24	30	36	39	38	0.127	41	46.2	13	31.7%	14.7	31.6	10	10	0	<b>0</b>
Duplin	122	118	118	127	131	0.019	132	134.5	7	5.3%	7.1	127.3	40	42	Surplus of 2	<b>0</b>
Durham	447	469	495	505	516	0.037	489	506.9	34	7.0%	35.2	471.7	147	164	Surplus of 17	<b>0</b>
Edgecombe	183	180	171	186	182	0.000	189	189.0	22	11.6%	22.0	167.0	52	55	Surplus of 3	<b>0</b>
Forsyth	515	545	556	571	588	0.034	589	608.9	72	12.2%	74.4	534.5	167	183	Surplus of 16	<b>0</b>
Franklin	75	85	85	94	92	0.054	103	108.6	16	15.5%	16.9	91.7	29	23	<b>6</b>	<b>0</b>
Gaston	215	234	246	277	295	0.083	262	283.7	25	9.5%	27.1	256.6	80	86	Surplus of 6	<b>0</b>
Gates	25	25	28	24	18	-0.068	19	17.7	3	15.8%	2.8	14.9	5	10	Surplus of 5	<b>0</b>
Granville	100	105	116	117	106	0.017	108	109.9	8	7.4%	8.1	101.7	32	34	Surplus of 2	<b>0</b>
Greene	35	40	38	40	46	0.074	45	48.3	3	6.7%	3.2	45.1	14	16	Surplus of 2	<b>0</b>
Guilford	761	769	792	787	822	0.020	808	823.9	61	7.5%	62.2	761.7	238	270	Surplus of 32	<b>0</b>
Halifax	171	175	182	192	199	0.039	211	219.2	29	13.7%	30.1	189.0	59	58	<b>1</b>	<b>0</b>

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	12.31.05 Total Patients	12.31.06 Total Patients	12.31.07 Total Patients	12.31.08 Total Patients	12.31.09 Total Patients	Average Annual Change Rate for Past Five Years	6.30.10 Total Patients	Projected 6.30.11 Total Patients	6.30.10 Home Patients	6.30.10 % Home Patients	Projected 6.30.11 Home Patients	Projected 6.30.11 In-Center Patients	Projected 6.30.11 In-Center Station Utilization	Total Available Stations	Projected Station Deficit (bolded) or Surplus	County Station Need Determination
Harnett	120	122	139	153	164	0.082	180	194.8	21	11.7%	22.7	172.1	54	49	<b>5</b>	<b>0</b>
Haywood	50	48	49	52	53	0.015	50	50.8	6	12.0%	6.1	44.7	14	18	Surplus of 4	<b>0</b>
Henderson	75	74	71	79	70	-0.014	78	76.9	14	17.9%	13.8	63.1	20	20	0	<b>0</b>
Hertford	76	84	78	77	87	0.038	93	96.5	11	11.8%	11.4	85.1	27	27	0	<b>0</b>
Hoke	68	67	64	67	73	0.019	83	84.6	5	6.0%	5.1	79.5	25	30	Surplus of 5	<b>0</b>
Hyde	6	7	6	6	7	0.048	7	7.3	2	28.6%	2.1	5.2	2	0	<b>2</b>	<b>0</b>
Iredell	174	185	192	201	192	0.026	196	201.1	34	17.3%	34.9	166.2	52	74	Surplus of 22	<b>0</b>
Jackson	18	20	25	24	23	0.070	28	30.0	4	14.3%	4.3	25.7	8	18	Surplus of 10	<b>0</b>
Johnston	161	181	193	191	202	0.059	205	217.2	18	8.8%	19.1	198.1	62	59	<b>3</b>	<b>0</b>
Jones	25	23	24	28	32	0.068	30	32.0	3	10.0%	3.2	28.8	9	10	Surplus 1	<b>0</b>
Lee	91	106	100	102	107	0.044	112	117.0	14	12.5%	14.6	102.3	32	39	Surplus of 7	<b>0</b>
Lenoir	182	184	175	174	174	-0.011	170	168.1	11	6.5%	10.9	157.3	49	63	Surplus of 14	<b>0</b>
Lincoln	55	62	66	78	77	0.090	76	82.9	15	19.7%	16.4	66.5	21	25	Surplus of 4	<b>0</b>
Macon	16	20	21	24	23	0.100	29	31.9	7	24.1%	7.7	24.2	8	0	<b>8</b>	<b>0</b>
Madison	13	12	9	8	13	0.047	10	10.5	1	10.0%	1.0	9.4	3	0	<b>3</b>	<b>0</b>
Martin	67	58	64	62	74	0.033	77	79.5	10	13.0%	10.3	69.2	22	23	Surplus of 1	<b>0</b>
McDowell	37	40	38	44	43	0.042	41	42.7	1	2.4%	1.0	41.7	13	13	0	<b>0</b>
Mecklenburg	959	986	1071	1097	1122	0.040	1163	1209.9	119	10.2%	123.8	1086.1	339	359	Surplus of 20	<b>0</b>
Mitchell	8	12	8	8	7	0.010	7	7.1	0	0.0%	0.0	7.1	2	9	Surplus of 7	<b>0</b>
Avery	11	11	10	9	10	-0.020	9	8.8	2	22.2%	2.0	6.9	2	0	<b>2</b>	<b>0</b>
Yancey	13	15	18	17	12	0.001	11	11.0	1	9.1%	1.0	10.0	3	0	<b>3</b>	<b>0</b>
Mitchell-Avery-Yancey Planning Area Total															Surplus of 2	<b>0</b>
Montgomery	35	44	53	54	44	0.074	50	53.7	3	6.0%	3.2	50.5	16	19	Surplus of 3	<b>0</b>
Moore	141	138	150	156	155	0.025	161	165.0	19	11.8%	19.5	145.5	45	50	Surplus of 5	<b>0</b>
Nash	162	167	176	186	204	0.060	202	214.0	30	14.9%	31.8	182.2	57	52	<b>5</b>	<b>0</b>
New Hanover	186	175	180	191	198	0.017	204	207.4	24	11.8%	24.4	183.0	57	60	Surplus of 3	<b>0</b>
Northampton	63	71	71	76	79	0.059	82	86.9	9	11.0%	9.5	77.3	24	16	<b>8</b>	<b>0</b>
Onslow	119	121	125	131	133	0.028	129	132.6	23	17.8%	23.7	109.0	34	38	Surplus 4	<b>0</b>
Orange	112	114	142	128	138	0.061	140	148.5	12	8.6%	12.7	135.8	42	41	<b>1</b>	<b>0</b>
Pamlico	16	17	20	18	21	0.076	22	23.7	1	4.5%	1.1	22.6	7	0	<b>7</b>	<b>0</b>
Pasquotank	62	65	76	74	86	0.088	83	90.3	8	9.6%	8.7	81.6	26	30	Surplus of 4	<b>0</b>
Pender	66	83	71	77	82	0.066	84	89.5	13	15.5%	13.9	75.7	24	22	<b>2</b>	<b>0</b>
Perquimans	20	19	18	17	22	0.034	22	22.7	1	4.5%	1.0	21.7	7	0	<b>7</b>	<b>0</b>
Person	86	84	86	86	90	0.012	94	95.1	2	2.1%	2.0	93.1	29	30	Surplus of 1	<b>0</b>
Pitt	262	285	292	303	310	0.043	300	313.0	28	9.3%	29.2	283.8	89	101	Surplus of 12	<b>0</b>
Polk	11	15	16	12	14	0.087	13	14.1	1	7.7%	1.1	13.0	4	10	Surplus of 6	<b>0</b>
Randolph	100	104	105	114	141	0.093	141	154.1	12	8.5%	13.1	141.0	44	46	Surplus of 2	<b>0</b>
Richmond	104	100	105	109	122	0.042	120	125.1	3	2.5%	3.1	121.9	38	39	Surplus of 1	<b>0</b>
Robeson	305	312	327	314	327	0.018	329	335.0	21	6.4%	21.4	313.6	98	100	Surplus of 2	<b>0</b>
Rockingham	154	166	159	161	175	0.034	180	186.1	6	3.3%	6.2	179.9	56	67	Surplus of 11	<b>0</b>
Rowan	134	128	143	149	150	0.030	150	154.5	36	24.0%	37.1	117.5	37	54	Surplus of 17	<b>0</b>
Rutherford	93	94	88	80	87	-0.014	90	88.7	8	8.9%	7.9	80.8	25	30	Surplus of 5	<b>0</b>

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	12.31.05 Total Patients	12.31.06 Total Patients	12.31.07 Total Patients	12.31.08 Total Patients	12.31.09 Total Patients	Average Annual Change Rate for Past Five Years	6.30.10 Total Patients	Projected 6.30.11 Total Patients	6.30.10 Home Patients	6.30.10 % Home Patients	Projected 6.30.11 Home Patients	Projected 6.30.11 In-Center Patients	Projected 6.30.11 In-Center Station Utilization	Total Available Stations	Projected Station Deficit (bolded) or Surplus	County Station Need Determination
Sampson	129	134	147	140	142	0.026	155	159.0	12	7.7%	12.3	146.7	46	40	<b>6</b>	<b>0</b>
Scotland	100	108	110	99	109	0.025	106	108.6	9	8.5%	9.2	99.4	31	38	Surplus of 7	<b>0</b>
Stanly	56	61	64	74	67	0.050	73	76.7	7	9.6%	7.4	69.3	22	22	0	<b>0</b>
Stokes	42	45	45	51	54	0.066	56	59.7	6	10.7%	6.4	53.3	17	17	0	<b>0</b>
Surry	86	82	96	100	99	0.039	97	100.8	10	10.3%	10.4	90.4	28	46	Surplus of 18	<b>0</b>
Swain	43	50	48	48	48	0.031	48	49.5	0	0.0%	0.0	49.5	15	20	Surplus of 5	<b>0</b>
Transylvania	21	24	23	16	15	-0.066	14	13.1	2	14.3%	1.9	11.2	4	8	Surplus of 4	<b>0</b>
Tyrrell	7	12	11	7	9	0.138	7	8.0	0	0.0%	0.0	8.0	2	0	<b>2</b>	<b>0</b>
Union	142	142	135	148	156	0.025	169	173.3	17	10.1%	17.4	155.8	49	61	Surplus of 12	<b>0</b>
Vance	132	130	139	152	158	0.047	159	166.4	7	4.4%	7.3	159.1	50	49	<b>1</b>	<b>0</b>
Wake	745	792	864	929	952	0.063	992	1055.0	108	10.9%	114.9	940.1	294	296	Surplus of 2	<b>0</b>
Warren	53	48	57	60	63	0.049	61	64.0	2	3.3%	2.1	61.9	19	25	Surplus of 6	<b>0</b>
Washington	34	32	29	33	38	0.034	37	38.3	2	5.4%	2.1	36.2	11	14	Surplus of 3	<b>0</b>
Watauga	28	30	30	32	27	-0.005	36	35.8	8	22.2%	8.0	27.9	9	14	Surplus of 5	<b>0</b>
Wayne	230	244	241	249	236	0.007	255	256.9	31	12.2%	31.2	225.7	71	79	Surplus of 8	<b>0</b>
Wilkes	49	55	61	69	83	0.141	80	91.3	13	16.3%	14.8	76.5	24	22	<b>2</b>	<b>0</b>
Wilson	171	179	192	188	199	0.039	202	209.9	21	10.4%	21.8	188.1	59	57	<b>2</b>	<b>0</b>
Yadkin	37	37	43	43	45	0.052	42	44.2	7	16.7%	7.4	36.8	12	13	Surplus of 1	<b>0</b>
Unknowns	17	7	6	7	9		10		1							
<b>State Totals</b>	<b>12,029</b>	<b>12,408</b>	<b>12,947</b>	<b>13,319</b>	<b>13,751</b>		<b>13,985</b>		<b>1,472</b>				<b>4,054</b>	<b>4,366</b>		<b>0</b>

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.

## **Need Determinations**

Application of the County Need Methodology resulted in no dialysis station need determinations for the January 2011 Semiannual Dialysis Report (SDR).

## **Southeastern Kidney Council Disclaimer November 20, 2010**

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# State Medical Facilities Plan