

STATE HEALTH COORDINATING COUNCIL

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North Carolina  
Semiannual  
Dialysis Report  
January 2009





**North Carolina Department of Health and Human Services**  
**Division of Health Service Regulation**  
**Medical Facilities Planning Section**  
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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:** Victoria McClanahan, Planner  
Medical Facilities Planning Section

**SUBJECT:** North Carolina Semiannual Dialysis Report, January 2009

**DATE:** January 2, 2009

The North Carolina State Health Coordinating Council and the Medical Facilities Planning Section are pleased to make the "January 2009 Semiannual Dialysis Report" available. This report is published pursuant to Chapter 14 of the 2009 North Carolina State Medical Facilities Plan. It applies the County Need methodology based on patient data as of June 30, 2008, and calculates utilization rates for implementation of the Facility Need methodology.

Certificate of need applications in response to the "January 2009 Semiannual Dialysis Report" are due on March 16, 2009 for review beginning April 1, 2009. 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.



# January 2009 North Carolina Semiannual Dialysis Report

*Issued January 2, 2009*

*Prepared by*

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*Under the direction of the*

North Carolina State Health Coordinating Council

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# END-STAGE RENAL DISEASE DIALYSIS FACILITIES

## Semiannual Dialysis Report, January 2009

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### Introduction

The 2009 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 2009 North Carolina State Medical Facilities Plan specifies that the Semiannual Dialysis Reports “...will use facility, station and active patient data as of June 30, 2008 for the ‘January 2009 SDR,’ and as of December 31, 2008 for the ‘July 2009 SDR.’ A new five-year trend line will be established in the ‘July 2009 SDR,’ based on validated data as reported to the Centers for Medicare and Medicaid Services (CMS) for the time period ending December 31, 2008.” This document is the “January 2009 SDR.” It reiterates the methodology and presents need determinations for the certificate of need review beginning April 1, 2009.

### Summary of Dialysis Station Supply and Utilization

For purposes of the Semiannual Dialysis Report, as of December 29, 2008 there were 160 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 3841 dialysis stations. Certificates of need had been issued for an additional 145 dialysis stations, but the stations were not yet certified. Another 128 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, 2008 are presented in the final two columns of Table A. Of the 156 certified facilities operational on that date, 73 were at or above 80% 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, 2008 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, 2008 were provided by the SEKC on November 17, 2008. The SEKC noted that data in their 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 14, 2008. 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 2003, 2004, 2005, 2006 and 2007 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, 2008 regardless of the county or state of each patient's residence. These figures were also provided by the SEKC on November 17, 2008. 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 14, 2008. The SEKC also stated that these figures are subject to change.

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

The 2009 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 2009 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 up-dated 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% or greater. Any facility at 80% 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 2009 SDR – Using the trend line ending with 12/31/07 data*)
  - (A) The average annual rate (percent) of change in total number of dialysis patients resident in each county from the end of 2003 to the end of 2007 is multiplied by the county's June 30, 2008 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, 2009 patients.
  - (B) The percent of each county's total patients who were home dialysis patients on June 30, 2008 is multiplied by the county's projected total June 30, 2009 patients, and the

product is subtracted from the county's projected total June 30, 2009 patients. The remainder is the county's projected June 30, 2009 in-center dialysis patients.

- (C) The projected number of each county's June 30, 2009 in-center patients is divided by 3.2. The quotient is the projection of the county's June 30, 2009 in-center dialysis stations.
- (D) From each county's projected number of June 30, 2009 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, 2009 projected station surplus or deficit.
- (E) If a county's June 30, 2009 projected station deficit is ten or greater and the January SDR shows that utilization of each dialysis facility in the county is 80% or greater, the June 30, 2009 county station need determination is the same as the June 30, 2009 projected station deficit. If a county's June 30, 2009 projected station deficit is less than ten or if the utilization of any dialysis facility in the county is less than 80%, the county's June 30, 2009 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, 2008 until December 31, 2008*) for the January 2, 2009 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 ten 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 2009 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, 2008	Nov. 10, 2008	January 2, 2009	March 16, 2009	April 1, 2009
Dec. 31, 2008	May 11, 2009	July 1, 2009	September 15, 2009	October 1, 2009

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 12.29.08. Utilization Rates Calculated for 6.30.08)**

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12.29.08					Certified Stations 6.30.08	Number In-Center Patients 6.30.08	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	0	0	0	49	43	149	87%	3.47
Alamance	34-2567	Burlington Dialysis Center	Burlington	27	0	0	0	27	27	65	60%	2.41
Alexander									0	0		
Alleghany									0	0		
Anson	34-2560	Dialysis Care of Anson County	Wadesboro	13	2	0	0	15	13	43	83%	3.31
Anson	n/a	FMC of Anson County	Wadesboro	0	10	0	0	10	0	0		
Ashe									0	0		
Avery	(Mitchell-Avery-Yancey Multicounty Planning Area.)											
Beaufort		BMA of Pamlico	Washington	25	0	0	0	25	25	74	74%	2.96
Bertie	34-2547	Windsor Dialysis Unit (BMA)	Windsor	20	0	0	0	20	20	43	54%	2.15
Bladen	34-2578	Southeastern Dialysis Center	Elizabethtown	21	0	0	0	21	21	66	79%	3.14
Brunswick	34-2582	Southeastern Dialysis Center	Shalotte	20	-7	0	0	13	20	71	89%	3.55
Brunswick	Proposed new site consisting of existing stations.	Southport Dialysis Center - utilization included with Southeastern Dialysis Center.	Southport	0	10	0	0	10				
Brunswick	n/a	FMC of Brunswick County	Supply	0	0	10	0	10	0	0		
Buncombe	34-2506	Asheville Kidney Center	Asheville	41	5	0	0	46	41	139	85%	3.39
Buncombe	34-2626	Swannanoa Dialysis Center	Swannanoa	10	0	0	0	10	10	39	98%	3.90
Buncombe	34-2604	Weaverville Dialysis Center	Weaverville	20	6	0	0	26	20	37	46%	1.85
Burke	34-2563	BMA of Burke County	Morganton	25	0	0	0	25	25	83	83%	3.32
Cabarrus	34-2519	Davita - Branchview Dialysis	Concord	30	-10	0	0	20	30	49	41%	1.63
Cabarrus	Proposed new site consisting of existing stations.	Harrisburg Dialysis Center - utilization included with Branchview Dialysis.	Concord	0	10	0	0	10				
Cabarrus	34-2631	Copperfield Dialysis	Concord	16	0	0	0	16	16	48	75%	3.00
Caldwell	34-2509	BMA-Lenoir	Lenoir	34	0	0	0	34	34	92	68%	2.71
Camden									0	0		
Carteret	34-2588	Crystal Coast Dialysis Unit (BMA)	Morehead City	20	0	0	0	20	20	64	80%	3.20
Caswell	34-2597	Renal Care Group - Caswell (BMA)	Yanceyville	10	0	0	0	10	10	29	73%	2.90
Catawba	34-2516	BMA-Hickory	Hickory	33	0	0	0	33	33	96	73%	2.91
Catawba	34-2635	FMC Catawba Valley Dialysis	Conover	23	0	0	0	23	23	57	62%	2.48
Chatham	34-2621	Carolina Dialysis Siler City	Siler City	9	0	6	0	15	9	34	94%	3.78
Chatham	34-2617	Carolina Dialysis -Pittsboro	Pittsboro	10	0	0	0	10	10	19	48%	1.90

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Cherokee (Cherokee-Clay-Graham Multicounty Planning Area.)	34-2649	Smokey Mountains Dialysis Center	Murphy	10	0	0	0	10	10	29	73%	2.90
Chowan	34-2541	Edenton Dialysis	Edenton	17	0	0	0	17	17	61	90%	3.59
Clay	(Cherokee-Clay-Graham Multicounty Planning Area.)											
Cleveland	34-2529	Dialysis Clinic (DCI Shelby)	Shelby	35	0	-10	0	25	35	122	87%	3.49
Cleveland	34-2661	DCI Boiling Springs	Boiling Springs	10	0	0	0	10	10	17	43%	1.70
Cleveland	34-2611	DCI Kings Mountain	Kings Mtn.	12	0	0	0	12	12	46	96%	3.83
Cleveland	Proposed new site consisting of existing stations.	DCI South - utilization included with DCI Shelby.	Shelby	0	0	10	0	10				
Columbus	34-2521	Southeastern Dialysis Center	Whiteville	26	1	0	0	27	26	76	73%	2.92
Columbus	34-2628	Chadbourn Dialysis Center	Chadbourn	17	0	0	0	17	17	43	63%	2.53
Craven	34-2534	New Bern Dialysis Unit (BMA)	New Bern	37	0	0	0	37	37	91	61%	2.46
Craven	34-2585	FMC Craven County	New Bern	29	0	0	0	29	29	72	62%	2.48
Cumberland	34-2510	Fayetteville Kidney Center (BMA)	Fayetteville	36	0	0	3	39	36	123	85%	3.42
Cumberland	34-2643	FMC Dialysis Services of West Fayetteville	Fayetteville	33	0	0	0	33	33	88	67%	2.67
Cumberland	34-2593	FMC Dialysis Services-North Ramsey (BMA)	Fayetteville	40	0	0	0	40	40	118	74%	2.95
Cumberland	34-2601	FMC Dialysis Services-South Ramsey (BMA)	Fayetteville	51	0	0	0	51	51	138	68%	2.71
Currituck									0	0		
Dare	34-2598	Dare County/Outer Banks Dialysis Clinic	Nags Head	9	0	0	0	9	9	23	64%	2.56
Davidson	34-2553	Lexington Dialysis Center (WFU)	Lexington	36	0	0	0	36	36	101	70%	2.81
Davidson	34-2639	Thomasville Dialysis Center	Thomasville	14	0	0	0	14	14	45	80%	3.21
Davie	n/a	July 2008 County Need Determination (2 CON applications have been received for these 10 stations)		0	0	0	10	10	0	0		
Duplin	34-2535	Southeastern Dialysis Center Kenansville	Kenansville	12	0	0	0	12	14	38	68%	2.71
Duplin	34-2659	Wallace Dialysis Center	Wallace	12	0	0	0	12	10	37	93%	3.70
Duplin	34-2630	Warsaw Dialysis Center (RAI)	Warsaw	16	0	0	0	16	16	35	55%	2.19
Durham	34-2302	Duke University Hospital ESRD Unit	Durham	16	0	0	0	16	16	53	83%	3.31

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Durham	34-2550	Durham Dialysis	Durham	33	0	0	0	33	33	123	93%	3.73
Durham	34-2616	Durham-West Dialysis	Durham	22	4	0	0	26	20	77	96%	3.85
Durham	34-2538	Freedom Lake Dialysis Center	Durham	26	-4	0	0	22	26	89	86%	3.42
Durham	34-2590	FMC Dialysis Services of West Pettigrew	Durham	24	-4	0	0	20	24	58	60%	2.42
Durham	34-2615	FMC Dialysis Services of Briggs Avenue	Durham	27	-2	0	2	27	27	87	81%	3.22
Durham	Proposed new site consisting of existing stations.	FMC South Durham - utilization included with BMA Freedom Lake, FMC West Pettigrew and FMC Briggs Avenue.	Durham	0	12	0	0	12				
Edgecombe	34-2577	Dialysis Care of Edgecombe County	Tarboro	25	0	0	0	25	25	74	74%	2.96
Edgecombe	34-2603	BMA of East Rocky Mount	Rocky Mount	30	0	0	0	30	30	88	73%	2.93
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	59	0	0	0	59	60	193	80%	3.22
Forsyth	34-2612	Northside Dialysis Center (WFU)	Winston-Salem	36	0	3	0	39	36	117	81%	3.25
Forsyth	34-2569	Salem Kidney Center (WFU)	Winston-Salem	72	-36	0	0	36	72	194	67%	2.69
Forsyth	Proposed new site consisting of existing stations.	Miller Street Dialysis Center of WFU - utilization included with Salem Kidney Center.	Winston-Salem	0	36	0	0	36				
Franklin	34-2571	Dialysis Care of Franklin County	Louisburg	23	0	0	0	23	23	73	79%	3.17
Gaston	34-2513	BMA of Gastonia	Gastonia	35	0	0	2	37	35	145	104%	4.14
Gaston	34-2652	Metrolina Kidney Center - Belmont	Belmont	10	0	6	0	16	10	40	100%	4.00
Gaston	34-2595	BMA of Kings Mountain	Kings Mountain	16	-2	0	0	14	16	45	70%	2.81
Gaston	Proposed new site consisting of existing stations.	FMC South Gaston - utilization included with BMA Gastonia and BMA Kings Mountain.	Gastonia	0	12	0	0	12				
Gates	n/a	Gambro Healthcare Gates County	Gatesville	0	10	0	0	10	0	0		
Graham	(Cherokee-Clay-Graham Multicounty Service Area.)											

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				Certified	CON Issued/Not Certified	Decision Rendered	Decision Pending	TOTAL			Utilization by Percent	Patients per Station
Granville	34-2520	FMC Dialysis Services Neuse River	Oxford	22	-6	0	2	18	22	73	83%	3.32
Granville	34-2647	FMS Dialysis Services of Oxford	Oxford	10	6	0	2	18	10	36	90%	3.60
Greene	34-2650	Greene County Dialysis Center	Snow Hill	10	0	2	0	12	10	39	98%	3.90
Guilford	34-2537	BMA of South Greensboro	Greensboro	59	0	0	0	59	59	155	66%	2.63
Guilford	34-2600	BMA of Southwest Greensboro	Jamestown	31	0	0	0	31	31	92	74%	2.97
Guilford	34-2504	Kidney Center of Greensboro (BMA)	Greensboro	56	0	0	0	56	56	156	70%	2.79
Guilford	34-2613	Northwest Greensboro Kidney Center (BMA)	Greensboro	25	0	0	0	25	25	54	54%	2.16
Guilford	34-2634	FMC of East Greensboro	Greensboro	37	0	0	0	37	35	100	71%	2.86
Guilford	34-2514	High Point Kidney Center (WFU)	High Point	40	0	0	2	42	40	150	94%	3.75
Guilford	34-2599	Triad Dialysis Center (WFU)	High Point	20	0	0	0	20	20	62	78%	3.10
Halifax	34-2542	BMA of Roanoke Rapids	Roanoke Rapids	35	0	0	0	35	35	127	91%	3.63
Halifax	34-2619	FMC Dialysis of Halifax County (BMA)	Scotland Neck	11	0	0	0	11	11	34	77%	3.09
Harnett	34-2557	Dunn Kidney Center (BMA)	Dunn	22	0	0	0	22	22	71	81%	3.23
Harnett	34-2648	FMS Dialysis Services of Lillington	Lillington	13	0	0	0	13	13	38	73%	2.92
Haywood	34-2629	Waynesville Dialysis Center	Clyde	17	0	0	0	17	17	57	84%	3.35
Henderson	34-2564	Hendersonville Dialysis Center	Hendersonville	20	6	0	0	26	20	82	103%	4.10
Hertford	34-2570	Ahoskie Dialysis	Ahoskie	21	0	6	0	27	21	69	82%	3.29
Hoke	34-2579	Dialysis Care of Hoke County	Raeford	22	0	0	4	26	22	92	105%	4.18
Hyde									0	0		
Iredell	34-2527	Statesville Dialysis Center (WFU)	Statesville	25	0	0	0	25	25	91	91%	3.64
Iredell	34-2636	West Iredell Dialysis Center	Statesville	18	0	0	0	18	18	52	72%	2.89
Iredell	34-2606	Lake Norman Dialysis Center (WFU)	Mooreville	27	0	0	0	27	27	75	69%	2.78
Jackson	34-2556	Sylva Dialysis Center	Sylva	18	0	0	0	18	18	50	69%	2.78
Johnston	34-2545	FMC Four Oaks (BMA)	Four Oaks	19	0	0	0	19	19	58	76%	3.05
Johnston	34-2572	Johnston Dialysis Center (BMA)	Smithfield	25	0	-10	2	17	25	78	78%	3.12
Johnston	Proposed new site consisting of existing stations.	FMC West Johnston - utilization included with Johnston Dialysis Center.	Clayton	0	0	10	0	10				

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates**  
**(Inventory Compiled 12.29.08. Utilization Rates Calculated for 6.30.08)**

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12.29.08					Certified Stations 6.30.08	Number In-Center Patients 6.30.08	Utilization Rates	
				Certified	CON Issued/Not Certified	Decision Rendered	Decision Pending	TOTAL			Utilization by Percent	Patients per Station
Johnston	n/a	Clayton Dialysis Center	Clayton	0	10	0	0	10	0	0		
Jones	34-2625	FMC Dialysis Services of Jones County	Trenton	10	0	0	0	10	10	25	63%	2.50
Lee	34-2620	Carolina Dialysis Sanford (UNC)	Sanford	31	0	0	8	39	31	117	94%	3.77
Lenoir	34-2518	Kinston Dialysis Unit (BMA Kinston)	Kinston	39	0	0	0	39	39	100	64%	2.56
Lenoir	34-2609	FMC Vernon Dialysis	Kinston	24	0	0	0	24	24	57	59%	2.38
Lincoln	34-2568	FMC Lincolnton	Lincolnton	25	0	0	0	25	25	75	75%	3.00
McDowell	34-2645	McDowell Dialysis Center	Marion	10	3	0	0	13	10	31	78%	3.10
Macon									0	0		
Madison									0	0		
Martin	34-2584	Dialysis Care of Martin County	Williamston	23	0	0	0	23	23	52	57%	2.26
Mecklenburg	34-2554	BMA-West Charlotte	Charlotte	29	-2	0	0	27	29	81	70%	2.79
Mecklenburg	34-2581	BMA of Beatties Ford (MetroIrina)	Charlotte	32	0	0	-4	28	32	94	73%	2.94
Mecklenburg	34-2549	BMA of North Charlotte	Charlotte	28	-1	0	-4	23	28	79	71%	2.82
Mecklenburg	34-2306	Carolina's Medical Center	Charlotte	9	0	0	0	9	9	4	11%	0.44
Mecklenburg	34-2552	RAI Care Centers - Charlotte	Charlotte	24	0	0	0	24	24	74	77%	3.08
Mecklenburg	34-2591	RAI Care Centers - Mecklenburg/University	Charlotte	29	0	0	0	29	29	114	98%	3.93
Mecklenburg	34-2523	South Charlotte Dialysis	Charlotte	17	-4	0	4	17	17	77	113%	4.53
Mecklenburg	34-2548	Charlotte Dialysis	Charlotte	31	0	0	0	31	29	113	97%	3.90
Mecklenburg	34-2627	Charlotte East Dialysis	Charlotte	16	-6	0	6	16	16	74	116%	4.63
Mecklenburg	34-2663 - New site consisting of existing stations.	North Charlotte Dialysis Center - utilization included with Charlotte East, Charlotte Dialysis, and South Charlotte.	Charlotte	10	0	0	0	10				
Mecklenburg	34-2503	BMA of Charlotte	Charlotte	46	0	0	-4	42	46	124	67%	2.70
Mecklenburg	34-2605	BMA of East Charlotte	Charlotte	25	-4	0	0	21	25	77	77%	3.08
Mecklenburg	34-2594	BMA of Nations Ford	Charlotte	20	0	0	0	20	20	74	93%	3.70
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				
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				

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates**  
**(Inventory Compiled 12.29.08. Utilization Rates Calculated for 6.30.08)**

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12.29.08					Certified Stations 6.30.08	Number In-Center Patients 6.30.08	Utilization Rates	
				Certified	CON Issued/Not Certified	Decision Rendered	Decision Pending	TOTAL			Utilization by Percent	Patients per Station
Mecklenburg	Proposed new site consisting of existing stations.	FMC Huntersville (CON # F-8073-08) - utilization included with BMA Beatties Ford, BMA North Charlotte and BMA Charlotte.	Huntersville	0	0	0	12	12				
Mitchell (Mitchell-Avery-Yancey Multicounty Planning Area)	34-2660	Mayland Dialysis Center	Spruce Pine	9	0	0	0	9	9	19	53%	2.11
Montgomery	34-2583	Dialysis Care of Montgomery County	Biscoe	14	5	0	0	19	14	59	105%	4.21
Moore	34-2555	Dialysis Care of Pinehurst (Moore County)	Pinehurst	33	0	-11	0	22	33	103	78%	3.12
Moore	34-2638	Southern Pines Dialysis Center	Southern Pines	12	0	1	0	13	12	41	85%	3.42
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	0	12	0	12				
Nash	34-2517	Rocky Mount Kidney Center (BMA)	Rocky Mount	42	0	0	0	42	42	145	86%	3.45
Nash	34-2644	FMC Dialysis Services of Spring Hope	Spring Hope	10	0	0	0	10	10	21	53%	2.10
New Hanover	34-2511	Southeastern Dialysis Center	Wilmington	49	0	0	-28	21	49	184	94%	3.76
New Hanover	Proposed new site consisting of existing stations.	Cape Fear Dialysis Center - utilization included with Southeastern Dialysis Center - Wilmington	Wilmington	0	0	0	28	28				
Northampton	34-2586	Rich Square Dialysis Unit (BMA Northampton)	Rich Square	14	2	0	0	16	14	41	73%	2.93
Onslow	34-2532	Southeastern Dialysis Ctr. Jacksonville	Jacksonville	35	0	0	3	38	35	114	81%	3.26
Orange	34-2622	Carolina Dialysis Carrboro (UNC)	Carrboro	36	0	0	0	36	36	114	79%	3.17
Pamlico									0	0		
Pasquotank	34-2515	Elizabeth City Dialysis	Elizabeth City	21	0	1	0	22	21	73	87%	3.48
Pender	34-2558	Southeastern Dialysis Center Inc.	Burgaw	20	0	0	0	20	20	75	94%	3.75
Perquimans									0	0		
Person	34-2562	Roxboro Dialysis	Roxboro	24	0	0	0	24	24	91	95%	3.79

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates**  
(Inventory Compiled 12.29.08. Utilization Rates Calculated for 6.30.08)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12.29.08					Certified Stations 6.30.08	Number In-Center Patients 6.30.08	Utilization Rates	
				Certified	CON Issued/Not Certified	Decision Rendered	Decision Pending	TOTAL			Utilization by Percent	Patients per Station
Pitt	34-2502	Greenville Dialysis Center (BMA)	Greenville	48	0	0	0	48	48	141	73%	2.94
Pitt	34-2632	FMC Care of Ayden	Ayden	10	0	0	0	10	10	30	75%	3.00
Pitt	34-2596	FMC Dialysis of East Carolina University	Greenville	38	0	0	0	38	38	124	82%	3.26
Polk	n/a	Polk County Dialysis Center	Columbus	0	0	0	10	10	0	0		
Randolph	34-2524	Bio-Medical Applications of Asheboro	Asheboro	27	0	0	0	27	27	87	81%	3.22
Richmond	34-2539	Dialysis Care of Richmond County	Hamlet	32	0	0	0	32	32	110	86%	3.44
Robeson	34-2528	Lumberton Dialysis Unit (BMA)	Lumberton	32	-3	0	0	29	38	112	74%	2.95
Robeson	34-2623	FMC Dialysis Services of Robeson County	Fairmont	19	0	0	4	23	19	61	80%	3.21
Robeson	34-2607	BMA of Red Springs	Red Springs	18	-4	0	0	14	20	50	63%	2.50
Robeson	34-2662 - New site consisting of existing stations.	BMA of St. Pauls - utilization included with BMA Lumberton and BMA Red Springs.	St. Pauls	10	0	0	0	10				
Robeson	34-2651	St. Pauls Dialysis Center	St. Pauls	10	0	0	0	10	10	16	40%	1.60
Robeson	Proposed new site consisting of existing stations.	FMC of Pembroke - utilization included with BMA Lumberton, BMA Red Springs, and BMA Laurinburg.	Pembroke	0	10	0	0	10				
Rockingham	34-2536	Dialysis Care of Rockingham County	Eden	20	3	0	0	23	20	53	66%	2.65
Rockingham	34-2624	Madison Dialysis Center	Madison	10	0	0	0	10	10	25	63%	2.50
Rockingham	34-2640	Reidsville Dialysis	Reidsville	18	0	0	0	18	18	58	81%	3.22
Rockingham	34-2641	Rockingham Kidney Center (BMA)	Reidsville	15	0	0	0	15	15	41	68%	2.73
Rowan	34-2546	Dialysis Care of Rowan County	Salisbury	28	0	0	0	28	28	97	87%	3.46
Rowan	34-2592	Dialysis Care of Kannapolis/Rowan	Kannapolis	25	0	0	0	25	25	63	63%	2.52
Rutherford	34-2566	Dialysis Care of Rutherford County	Forest City	30	0	0	0	30	30	84	70%	2.80
Sampson	34-2559	BMA of Clinton	Clinton	39	0	0	-10	29	39	125	80%	3.21
Sampson	Proposed new site consisting of existing stations.	FMC of Roseboro - utilization included with BMA of Clinton.	Roseboro	0	0	0	10	10				
Scotland	34-2540	BMA of Laurinburg	Laurinburg	29	-3	0	0	26	34	125	92%	3.68



**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates**  
**(Inventory Compiled 12.29.08. Utilization Rates Calculated for 6.30.08)**

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12.29.08					Certified Stations 6.30.08	Number In-Center Patients 6.30.08	Utilization Rates	
				Certified	CON Issued/Not Certified	Decision Rendered	Decision Pending	TOTAL			Utilization by Percent	Patients per Station
Scotland	34-2664 - New site consisting of existing stations.	FMC of Scotland County - utilization included with BMA Laurinburg.	Laurinburg	12	0	0	0	12				
Stanly	34-2565	BMA of Albemarle	Albemarle	18	2	2	0	22	18	68	94%	3.78
Stokes	34-2633	King Dialysis Center	King	14	0	0	0	14	14	42	75%	3.00
Surry	34-2551	Mount Airy Dialysis Center (WFU)	Mt. Airy	22	2	3	0	27	21	76	90%	3.62
Surry	34-2614	Elkin Dialysis Center (WFU)	Elkin	15	-2	2	0	15	18	65	90%	3.61
Swain	34-2602	Cherokee Dialysis Center	Cherokee	18	2	0	0	20	18	57	79%	3.17
Transylvania	n/a	Brevard Dialysis Center	Transylvania	0	8	0	0	8	0	0		
Tyrrell								0	0	0		
Union	34-2525	Metrolina Kidney Center (BMA Monroe)	Monroe	21	0	0	0	21	21	68	81%	3.24
Union	34-2526	Union County Dialysis	Monroe	24	0	0	-10	14	24	106	110%	4.42
Union	Proposed new site consisting of existing stations.	Indian Trail Dialysis Center - utilization included with Union County Dialysis Center.	Indian Trail	0	0	0	10	10				
Union	Proposed new site consisting of existing stations.	Marshville Dialysis Center - utilization included with Union County Dialysis Center.	Marshville	0	10	0	0	10				
Vance	34-2543	Henderson Dialysis Center	Henderson	33	10	0	0	43	33	127	96%	3.85
Wake	34-2544	Cary Kidney Center (BMA)	Cary	27	0	0	0	27	27	85	79%	3.15
Wake	34-2658	FMS Dialysis Services of Apex	Apex	10	0	0	0	10	10	17	43%	1.70
Wake	34-2512	BMA of Raleigh Dialysis	Raleigh	48	0	0	-9	39	48	170	89%	3.54
Wake	34-2646	FMC New Hope	Raleigh	30	0	0	-4	26	30	97	81%	3.23
Wake	Proposed new site consisting of existing stations.	FMC St. Agnes - utilization included with BMA Raleigh and FMC New Hope.	Raleigh	0	0	0	13	13				
Wake	34-2608	BMA of Fuquay Varina	Fuquay-Varina	25	0	0	0	25	25	67	67%	2.68
Wake	34-2589	Zebulon Kidney Center (BMA)	Zebulon	30	0	0	0	30	30	86	72%	2.87
Wake	34-2522	Wake Dialysis Clinic	Raleigh	47	-12	0	9	44	47	170	90%	3.62
Wake	Proposed new site consisting of existing stations.	FMC Eastern Wake - utilization included with Wake Dialysis Clinic.	Rolesville	0	12	0	0	12				
Wake	34-2653	FMC Millbrook	Raleigh	10	0	0	4	14	10	31	78%	3.10
Wake	34-2642	Southwest Wake County Dialysis	Raleigh	27	0	0	-4	23	20	75	94%	3.75
Wake	n/a	DaVita Dialysis of Wake Forest	Wake Forest	0	10	0	0	10	0	0		
Warren	34-2610	FMC Dialysis Services of Warren Hills	Warrenton	18	0	0	7	25	18	67	93%	3.72

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates**  
**(Inventory Compiled 12.29.08. Utilization Rates Calculated for 6.30.08)**

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12.29.08					Certified Stations 6.30.08	Number In-Center Patients 6.30.08	Utilization Rates	
				Certified	CON Issued/Not Certified	Decision Rendered	Decision Pending	TOTAL			Utilization by Percent	Patients per Station
Washington	34-2618	FMC Dialysis Services of Plymouth (BMA)	Plymouth	11	0	0	0	11	11	35	80%	3.18
Watauga	34-2311	Watauga Kidney Dialysis Center	Boone	14	0	0	0	14	14	42	75%	3.00
Wayne	34-2531	Goldsboro Dialysis	Goldsboro	25	7	0	0	32	25	98	98%	3.92
Wayne	34-2587	Goldsboro South Dialysis	Goldsboro	21	0	0	0	21	21	71	85%	3.38
Wayne	34-2573	Mount Olive Dialysis	Mount Olive	11	0	2	0	13	11	48	109%	4.36
Wayne	34-2576	RAI Care Centers - Goldsboro	Goldsboro	16	0	0	0	16	11	35	80%	3.18
Wilkes	34-2313	Wilkes Regional Dialysis Center	N. Wilkesboro	10	6	0	0	16	10	40	100%	4.00
Wilson	34-2507	Wilson Dialysis	Wilson	27	4	0	2	33	26	100	96%	3.85
Wilson	34-2637	Forest Hills Dialysis	Forest Hills	20	0	1	0	21	20	78	98%	3.90
Yadkin	34-2665	Yadkin Dialysis Center	Yadkinville	13	0	0	0	13				
Yancey	(Mitchell-Avery-Yancey Multicounty Planning Area.)											
State Totals				3841	145	46	82	4114	3787	11894		

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

(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.)

County/ Multi-County Planning Area	12.31.03 Total Patients	12.31.04 Total Patients	12.31.05 Total Patients	12.31.06 Total Patients	12.31.07 Total Patients	Average Annual Change Rate for Past Five Years	6.30.08 Total Patients	Projected 6.30.09 Total Patients	6.30.08 Home Patients	6.30.08 % Home Patients	Projected 6.30.09 Home Patients	Projected 6.30.09 In-Center Patients	Projected 6.30.09 In-Center Station Utilization	Total Available Stations	Projected Station Deficit (bolded) or Surplus	County Station Need Determination
Alamance	180	186	197	214	232	0.066	235	250.4	25	10.6%	26.6	223.8	70	76	Surplus of 6	0
Alexander	21	21	18	30	27	0.106	30	33.2	6	20.0%	6.6	26.5	8	0	8	0
Alleghany	6	10	4	5	5	0.079	7	7.6	2	28.6%	2.2	5.4	2	0	2	0
Anson	59	65	78	79	75	0.066	76	81.0	4	5.3%	4.3	76.7	24	25	Surplus of 1	0
Ashe	15	11	16	17	20	0.107	16	17.7	9	56.3%	10.0	7.7	2	0	2	0
Beaufort	90	86	92	82	96	0.022	90	92.0	11	12.2%	11.2	80.7	25	25	0	0
Bertie	56	62	71	71	67	0.049	64	67.1	5	7.8%	5.2	61.9	19	20	Surplus of 1	0
Bladen	57	59	63	64	78	0.084	81	87.8	5	6.2%	5.4	82.4	26	21	5	0
Brunswick	76	78	96	108	102	0.082	107	115.7	20	18.7%	21.6	94.1	29	33	Surplus of 4	0
Buncombe	234	225	231	223	230	-0.004	225	224.2	19	8.4%	18.9	205.2	64	82	Surplus of 18	0
Burke	70	78	82	90	90	0.066	99	105.5	8	8.1%	8.5	97.0	30	25	5	0
Cabarrus	131	152	146	150	170	0.070	167	178.8	20	12.0%	21.4	157.3	49	46	3	0
Caldwell	119	109	103	106	104	-0.032	105	101.6	10	9.5%	9.7	91.9	29	34	Surplus of 5	0
Camden	11	11	8	9	9	-0.037	11	10.6	3	27.3%	2.9	7.7	2	0	2	0
Carteret	61	60	56	55	56	-0.021	58	56.8	2	3.4%	2.0	54.8	17	20	Surplus of 3	0
Caswell	38	30	29	27	25	-0.097	27	24.4	2	7.4%	1.8	22.6	7	10	Surplus of 3	0
Catawba	145	149	159	157	157	0.021	147	150.0	13	8.8%	13.3	136.8	43	56	Surplus of 13	0
Chatham	45	50	61	64	73	0.130	68	76.9	8	11.8%	9.0	67.8	21	25	Surplus of 4	0
Cherokee	14	12	27	27	29	0.295	26	33.7	4	15.4%	5.2	28.5	9	10	Surplus of 1	0
Clay	9	2	6	9	8	0.403	10	14.0	0	0.0%	0.0	14.0	4	0	4	0
Graham	9	10	13	11	11	0.064	9	9.6	0	0.0%	0.0	9.6	3	0	3	0
Cherokee-Clay-Graham Planning Area Total															6	0
Chowan	32	36	35	35	37	0.039	42	43.6	7	16.7%	7.3	36.4	11	17	Surplus of 6	0
Cleveland	169	185	196	203	206	0.051	216	227.0	17	7.9%	17.9	209.2	65	57	8	0
Columbus	100	103	133	128	137	0.088	140	152.4	7	5.0%	7.6	144.8	45	44	1	0
Craven	152	146	150	149	155	0.005	164	164.9	8	4.9%	8.0	156.8	49	66	Surplus of 17	0
Cumberland	408	422	486	479	510	0.059	490	518.9	48	9.8%	50.8	468.1	146	163	Surplus of 17	0
Currituck	17	14	17	17	15	-0.020	14	13.7	5	35.7%	4.9	8.8	3	0	3	0
Dare	20	27	27	29	23	0.054	27	28.5	6	22.2%	6.3	22.1	7	9	Surplus of 2	0
Davidson	139	159	178	164	172	0.058	181	191.6	21	11.6%	22.2	169.3	53	50	3	0
Davie	23	20	24	30	36	0.130	41	46.3	11	26.8%	12.4	33.9	11	10	1	0
Duplin	130	129	122	118	118	-0.024	119	116.2	5	4.2%	4.9	111.3	35	40	Surplus of 5	0
Durham	435	427	447	469	495	0.033	491	507.3	31	6.3%	32.0	475.3	149	156	Surplus of 7	0
Edgecombe	168	180	183	180	171	0.005	188	189.0	14	7.4%	14.1	174.9	55	55	0	0
Forsyth	501	489	515	545	556	0.027	563	578.2	57	10.1%	58.5	519.6	162	174	Surplus of 12	0
Franklin	84	78	75	85	85	0.006	87	87.5	9	10.3%	9.1	78.5	25	23	2	0
Gaston	202	199	215	234	246	0.051	261	274.4	18	6.9%	18.9	255.5	80	79	1	0
Gates	26	24	25	25	28	0.021	24	24.5	1	4.2%	1.0	23.5	7	10	Surplus of 3	0
Granville	96	98	100	105	116	0.049	119	124.8	10	8.4%	10.5	114.3	36	36	0	0
Greene	39	37	35	40	38	-0.003	37	36.9	2	5.4%	2.0	34.9	11	12	Surplus of 1	0

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

(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.)

County/ Multi-County Planning Area	12.31.03 Total Patients	12.31.04 Total Patients	12.31.05 Total Patients	12.31.06 Total Patients	12.31.07 Total Patients	Average Annual Change Rate for Past Five Years	6.30.08 Total Patients	Projected 6.30.09 Total Patients	6.30.08 Home Patients	6.30.08 % Home Patients	Projected 6.30.09 Home Patients	Projected 6.30.09 In-Center Patients	Projected 6.30.09 In-Center Station Utilization	Total Available Stations	Projected Station Deficit (bolded) or Surplus	County Station Need Determination
Guilford	714	731	761	769	792	0.026	797	818.0	49	6.1%	50.3	767.7	240	270	Surplus of 30	0
Halifax	135	148	171	175	182	0.079	188	202.8	28	14.9%	30.2	172.6	54	46	8	0
Harnett	111	127	120	122	139	0.061	148	157.1	13	8.8%	13.8	143.3	45	35	10	0
Pursuant to Step (1) (E) of the County Need Methodology, the Harnett County Need Determination is 0 because a facility in Harnett County was below 80% utilization.																
Haywood	51	47	50	48	49	-0.008	54	53.5	4	7.4%	4.0	49.6	15	17	Surplus of 2	0
Henderson	65	73	75	74	71	0.024	69	70.7	10	14.5%	10.2	60.4	19	26	Surplus of 7	0
Hertford	74	71	76	84	78	0.016	69	70.1	7	10.1%	7.1	63.0	20	27	Surplus of 7	0
Hoke	70	69	68	67	64	-0.022	69	67.5	10	14.5%	9.8	57.7	18	26	Surplus of 8	0
Hyde	10	9	6	7	6	-0.102	8	7.2	0	0.0%	0.0	7.2	2	0	2	0
Iredell	148	167	174	185	192	0.068	197	210.4	28	14.2%	29.9	180.5	56	70	Surplus of 14	0
Jackson	12	11	18	20	25	0.229	27	33.2	1	3.7%	1.2	31.9	10	18	Surplus of 8	0
Johnston	157	165	161	181	193	0.054	192	202.4	24	12.5%	25.3	177.1	55	56	Surplus of 1	0
Jones	21	24	25	23	24	0.037	28	29.0	1	3.6%	1.0	28.0	9	10	Surplus of 1	0
Lee	91	90	91	106	100	0.027	93	95.5	12	12.9%	12.3	83.2	26	39	Surplus of 13	0
Lenoir	179	180	182	184	175	-0.005	171	170.1	10	5.8%	9.9	160.1	50	63	Surplus of 13	0
Lincoln	44	48	55	62	66	0.107	78	86.4	11	14.1%	12.2	74.2	23	25	Surplus of 2	0
Macon	13	11	16	20	21	0.150	27	31.1	5	18.5%	5.8	25.3	8	0	8	0
Madison	12	13	13	12	9	-0.061	9	8.5	1	11.1%	0.9	7.5	2	0	2	0
Martin	78	73	67	58	64	-0.044	66	63.1	6	9.1%	5.7	57.3	18	23	Surplus of 5	0
McDowell	26	31	37	40	38	0.104	41	45.3	4	9.8%	4.4	40.9	13	13	0	0
Mecklenburg	870	878	959	986	1071	0.054	1081	1139.3	96	8.9%	101.2	1038.1	324	330	Surplus of 6	0
Mitchell	6	7	8	12	8	0.119	7	7.8	1	14.3%	1.1	6.7	2	9	Surplus of 7	0
Avery	12	8	11	11	10	-0.012	9	8.9	1	11.1%	1.0	7.9	2	0	2	0
Yancey	13	15	13	15	18	0.094	18	19.7	3	16.7%	3	16	5	0	5	0
Mitchell-Avery-Yancey Planning Area Total															0	0
Montgomery	37	45	35	44	53	0.114	53	59.0	1	1.9%	1.1	57.9	18	19	Surplus of 1	0
Moore	112	116	141	138	150	0.079	144	155.4	10	6.9%	10.8	144.6	45	47	Surplus of 2	0
Nash	128	145	162	167	176	0.084	176	190.7	22	12.5%	23.8	166.9	52	52	0	0
New Hanover	170	167	186	175	180	0.016	189	192.1	15	7.9%	15.2	176.9	55	49	6	0
Northampton	57	67	63	71	71	0.061	72	76.4	7	9.7%	7.4	68.9	22	16	6	0
Onslow	106	106	119	121	125	0.043	118	123.1	12	10.2%	12.5	110.6	35	38	Surplus of 3	0
Orange	111	106	112	114	142	0.069	135	144.3	10	7.4%	10.7	133.6	42	36	6	0
Pamlico	17	16	16	17	20	0.045	18	18.8	1	5.6%	1.0	17.8	6	0	6	0
Pasquotank	54	63	62	65	76	0.092	77	84.1	11	14.3%	12.0	72.1	23	22	1	0
Pender	57	56	66	83	71	0.069	75	80.1	7	9.3%	7.5	72.7	23	20	3	0
Perquimans	17	22	20	19	18	0.025	19	19.5	2	10.5%	2.1	17.4	5	0	5	0
Person	79	82	86	84	86	0.022	87	88.9	2	2.3%	2.0	86.9	27	24	3	0
Pitt	259	263	262	285	292	0.031	296	305.2	25	8.4%	25.8	279.4	87	96	Surplus of 9	0
Polk	16	2	11	15	16	1.014	14	28.2	0	0.0%	0.0	28.2	9	10	Surplus of 1	0
Randolph	106	97	100	104	105	-0.001	109	108.9	9	8.3%	9.0	99.9	31	27	4	0

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

(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.)

County/ Multi-County Planning Area	12.31.03 Total Patients	12.31.04 Total Patients	12.31.05 Total Patients	12.31.06 Total Patients	12.31.07 Total Patients	Average Annual Change Rate for Past Five Years	6.30.08 Total Patients	Projected 6.30.09 Total Patients	6.30.08 Home Patients	6.30.08 % Home Patients	Projected 6.30.09 Home Patients	Projected 6.30.09 In-Center Patients	Projected 6.30.09 In-Center Station Utilization	Total Available Stations	Projected Station Deficit (bolded) or Surplus	County Station Need Determination
Richmond	80	90	104	100	105	0.073	109	117.0	7	6.4%	7.5	109.4	34	32	<b>2</b>	<b>0</b>
Robeson	253	267	305	312	327	0.067	325	346.8	24	7.4%	25.6	321.2	100	96	<b>4</b>	<b>0</b>
Rockingham	143	144	154	166	159	0.028	165	169.6	9	5.5%	9.3	160.4	50	66	Surplus of 16	<b>0</b>
Rowan	129	136	134	128	143	0.028	146	150.1	31	21.2%	31.9	118.2	37	53	Surplus of 16	<b>0</b>
Rutherford	78	85	93	94	88	0.033	83	85.7	8	9.6%	8.3	77.5	24	30	Surplus of 6	<b>0</b>
Sampson	134	136	129	134	147	0.025	145	148.6	3	2.1%	3.1	145.5	45	39	<b>6</b>	<b>0</b>
Scotland	83	91	100	108	110	0.073	109	117.0	8	7.3%	8.6	108.4	34	38	Surplus of 4	<b>0</b>
Stanly	61	52	56	61	64	0.017	74	75.3	4	5.4%	4.1	71.2	22	22	0	<b>0</b>
Stokes	34	39	42	45	45	0.074	50	53.7	2	4.0%	2.1	51.5	16	14	<b>2</b>	<b>0</b>
Surry	79	77	86	82	96	0.054	94	99.1	9	9.6%	9.5	89.6	28	42	Surplus of 14	<b>0</b>
Swain	33	39	43	50	48	0.102	47	51.8	1	2.1%	1.1	50.7	16	20	Surplus of 4	<b>0</b>
Transylvania	19	22	21	24	23	0.053	18	19.0	2	11.1%	2.1	16.9	5	8	Surplus of 3	<b>0</b>
Tyrrell	3	4	7	12	11	0.429	9	12.9	1	11.1%	1.4	11.4	4	0	<b>4</b>	<b>0</b>
Union	122	121	142	142	135	0.029	142	146.1	15	10.6%	15.4	130.7	41	55	Surplus of 14	<b>0</b>
Vance	125	113	132	130	139	0.032	144	148.5	9	6.3%	9.3	139.3	44	43	<b>1</b>	<b>0</b>
Wake	649	666	745	792	864	0.075	885	951.1	114	12.9%	122.5	828.6	259	273	Surplus of 14	<b>0</b>
Warren	38	52	53	48	57	0.120	61	68.3	1	1.6%	1.1	67.2	21	25	Surplus of 4	<b>0</b>
Washington	39	31	34	32	29	-0.065	31	29.0	6	19.4%	5.6	23.4	7	11	Surplus of 4	<b>0</b>
Watauga	21	25	28	30	30	0.095	36	39.4	7	19.4%	7.7	31.8	10	14	Surplus of 4	<b>0</b>
Wayne	218	227	230	244	241	0.026	251	257.5	20	8.0%	20.5	237.0	74	82	Surplus of 8	<b>0</b>
Wilkes	56	60	49	55	61	0.030	58	59.7	7	12.1%	7.2	52.5	16	16	0	<b>0</b>
Wilson	161	161	171	179	192	0.045	186	194.4	14	7.5%	14.6	179.8	56	54	<b>2</b>	<b>0</b>
Yadkin	27	30	37	37	43	0.127	41	46.2	5	12.2%	5.6	40.6	13	13	0	<b>0</b>
Unknowns	0	161	17	7	6		0									
<b>State Totals</b>	<b>11,010</b>	<b>11,417</b>	<b>12,029</b>	<b>12,408</b>	<b>12,947</b>		<b>13,099</b>		<b>1,219</b>				<b>4,114</b>			<b>0</b>

Application of the County Need Methodology resulted in no dialysis station need determinations for the January 2009 Semiannual Dialysis Report.

## **SEKC Disclaimer**

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