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North Carolina  
Semiannual  
Dialysis Report  
July 2012



# July 2012 North Carolina Semiannual Dialysis Report

*Issued July 2, 2012*

*Prepared by*

Medical Facilities Planning Branch  
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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**MEMORANDUM**

**TO:** Individuals Interested in the North Carolina Semiannual Dialysis Reports

**FROM:** Elizabeth Brown, Planner  
Medical Facilities Planning Branch

**SUBJECT:** North Carolina Semiannual Dialysis Report, July, 2012

**DATE:** July 2, 2012

The North Carolina State Health Coordinating Council and the Medical Facilities Planning Branch are pleased to make the "July 2012 Semiannual Dialysis Report" available. This report is published pursuant to Chapter 14 of the North Carolina 2012 State Medical Facilities Plan. It applies the County Need methodology based on patient data as of December 31, 2011 and calculates utilization rates for implementation of the Facility Need methodology.

Certificate of need applications in response to the "July 2012 Semiannual Dialysis Report" are due on September 17, 2012 for review beginning October 1, 2012. 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 Branch 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.



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## **END-STAGE RENAL DISEASE DIALYSIS FACILITIES Semiannual Dialysis Report, July 2012**

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### **Introduction**

The North Carolina 2012 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 2012 North Carolina State Medical Facilities Plan specifies that the Semiannual Dialysis Reports “...will use facility, station and active patient data as of June 30, 2011 for the ‘January 2012 SDR,’ and as of December 31, 2011 for the ‘July 2012 SDR.’ A new five-year trend line will be established in the ‘July 2012 SDR,’ based on validated data as reported to the Centers for Medicare & Medicaid Services (CMS) for the time period ending December 31, 2011.”

This document is the “July 2012 SDR.” It reiterates the methodology and presents need determinations for the certificate of need review beginning October 1, 2012.

### **Summary of Dialysis Station Supply and Utilization**

For purposes of the Semiannual Dialysis Report, as of June 25, 2012 there were 180 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 4,210 dialysis stations. Certificates of need had been issued for an additional 187 dialysis stations, but the stations were not yet certified. Another 54 dialysis stations had been requested, but had not completed the certificate of need review and appeals process. The number of facilities per county ranged from zero to 14.

Utilization data as of December 31, 2011 are presented in the final two columns of Table A. Of the 180 certified facilities operational on that date, 69 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 Acute and Home Care Licensure and Certification Section, Division of Health Service Regulation, North Carolina Department of Health and Human Services.

#### **Dialysis Patient Data:**

Data on the dialysis population by county and by facility as of December 31, 2011 were provided by the Centers for Medicare & Medicaid Services (CMS) through the Southeastern Kidney Council, Inc. (SEKC) and the Mid-Atlantic Renal Coalition, Inc. (MARC).

County data are designed to include all North Carolina residents of each county who are receiving dialysis, regardless of where they are currently being served. The numbers of North Carolina patients being served in North Carolina, Georgia and South Carolina as of December 31, 2011 were provided by the SEKC on May 22, 2012. The SEKC noted that data in its report were based upon information provided to the SEKC by dialysis facilities in Network 6 and were represented to the SEKC as current as of May 18, 2012. The SEKC stated that these data are subject to change (*SEKC Disclaimer found at the end of this document*). County totals from the SEKC were supplemented by data from MARC indicating the number of patients residing in North Carolina counties and receiving dialysis in Virginia. Data for December 31<sup>st</sup> of 2007, 2008, 2009 and 2010, 2011 have been provided by the same sources for the five-year trend analysis.

Facility data include all patients being served by each provider as of December 31, 2011 regardless of the county or state of each patient's residence. These figures were also provided by the SEKC on May 22, 2012. Again, the SEKC noted that these figures reflect data provided to it by dialysis facilities in Network 6 and were represented to the SEKC as current as of May 18, 2012. The SEKC also stated that these figures are subject to change.

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

The North Carolina 2012 State Medical Facilities Plan (SMFP) directs the Medical Facilities Planning Branch 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 2012 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 Branch 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 Branch 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 Branch.
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 will be excluded from future inventories.
8. Quality of Care: All facilities should comply with Medicare and Medicaid regulations relating to the delivery and certification of ESRD services and with relevant North Carolina statutory provisions. An applicant already involved in the provision of end-stage renal disease services should provide evidence that care of high quality has been provided in the past. The following are considered indicators of quality of care and existing providers proposing to expand their operations should include in their applications data which include, but are not limited to, the following:
  - a. utilization rates
  - b. morbidity and mortality rates
  - c. numbers of patients that are home trained and patients on home dialysis
  - d. number of patients receiving transplants
  - e. number of patients currently on the transplant waiting list
  - f. hospital admission rates
  - g. conversion rates for patients who have acquired hepatitis or AIDS
9. Availability of Manpower and Ancillary/Support Services: The applicant should show evidence of the availability of qualified staff and other health manpower and management for the provision of quality ESRD services as well as the availability of a safe and adequate water supply, provision for treatment of wastewater discharge and a standing electrical service with backup capabilities.
10. Patient Access to In-Center ESRD Services: As a means of making ESRD services more accessible to patients, one of the goals of the N. C. Department of Health and

Human Services is to minimize patient travel time to and from the center. Therefore,

- a. End-stage renal disease treatment should be provided in North Carolina such that patients who require renal dialysis are able to be served in a facility no farther than 30 miles from the patients' homes.
  - b. In areas where it is apparent that patients are currently traveling more than 30 miles for in-center dialysis, favorable consideration should be given to proposed new facilities which would serve patients who are farthest away from existing, operational or approved facilities.
11. Transplantation Services: Transplantation services should be available to, and a priority for, all ESRD patients whose conditions make them suitable candidates for this treatment. New enrollees should meet with and have access to a transplantation representative to provide patient education and evaluation for transplantation.
12. Availability of Dialysis Care: The North Carolina State Health Coordinating Council encourages applicants for dialysis stations to provide or arrange for:
- a. Home training and backup for patients suitable for home dialysis in the ESRD dialysis facility or in a facility that is a reasonable distance from the patient's residence;
  - b. ESRD dialysis service availability at times that do not interfere with ESRD patients' work schedules;
  - c. Services in rural, remote areas.

### **Methodology**

Need for new dialysis stations shall be determined as follows:

(1) County Need (*for the July 2012 SDR – Using a new trend line ending with 12/31/11 data*)

- (A) The average annual rate (percent) of change in total number of dialysis patients resident in each county from the end of 2007 to the end of 2011 is multiplied by the county's December 31, 2011 total number of patients in the SDR, and the product is added to each county's most recent total number of patients reported in the SDR. The sum is the county's projected total December 31, 2012 patients.
- (B) The percent of each county's total patients who were home dialysis patients on December 31, 2011 is multiplied by the county's projected total December 31, 2012 patients, and the product is subtracted from the county's projected total December

31, 2012 patients. The remainder is the county's projected December 31, 2012 in-center dialysis patients.

- (C) The projected number of each county's December 31, 2012 in-center patients is divided by 3.2. The quotient is the projection of the county's December 31, 2012 in-center dialysis stations.
- (D) From each county's projected number of December 31, 2012 in-center stations is subtracted the county's number of stations certified for Medicare, CON-approved and awaiting certification, awaiting resolution of CON appeals, and the number represented by need determinations in previous State Medical Facilities Plans or Semiannual Dialysis Reports for which CON decisions have not been made. The remainder is the county's December 31, 2012 projected station surplus or deficit.
- (E) If a county's December 31, 2012 projected station deficit is 10 or greater and the July SDR shows that utilization of each dialysis facility in the county is 80 percent or greater, the December 31, 2012 county station need determination is the same as the December 31, 2012 projected station deficit. If a county's December 31, 2012 projected station deficit is less than 10 or if the utilization of any dialysis facility in the county is less than 80 percent, the county's December 31, 2012 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 12 (*the number of months from December 31, 2010 until December 31, 2011*) for the July 2012 SDR.

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

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

Unless specific "adjusted need determinations" are recommended by the North Carolina State Health Coordinating Council, an application for a certificate of need for additional dialysis stations can be considered consistent with the need determinations of the North Carolina 2012 State Medical Facilities Plan only if it demonstrates a need by utilizing one of the methods of determining need outlined in Chapter 14.

**Timeline**

The schedule for publication of the "July 2012 North Carolina Semiannual Dialysis Report" and for receipt of certificate of need applications based on this report shall be as follows:

<b>Data for Period Ending</b>	<b>Publication of SDR</b>	<b>Application Due Date for CON Applications</b>	<b>Beginning Review Dates</b>
Dec. 31, 2011	July 2, 2012	September 17, 2012	October 1, 2012

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

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates  
(Inventory Compiled 6.25.2012. Utilization Rates Calculated for 12.31.2011.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 6.25.12					Certified Stations 12.31.2011	Number In-Center Patients 12.31.11	Utilization Rates	
				Certified	CON Issued/ Not Certified	Decision Rendered (Conditional Approvals)	Decision Pending	Total			Utilization by Percent 12.31.11	Patients per Station
Alamance	34-2533	BMA Burlington	Burlington	49	-4	0	0	45	49	146	74.49%	2.9796
Alamance	34-2567	Burlington Dialysis Center	Burlington	17	0	3	0	20	17	61	89.71%	3.5882
Alamance	34-2686	North Burlington Dialysis	Burlington	10	0	0	0	10	10	39	97.50%	3.9000
Alamance	Proposed new site consisting of existing stations.	FMC Mebane (Utilization included with BMA of Burlington)	Mebane	0	10	0	0	10	0	0	0.00%	0.0000
Alexander	n/a	FMC Alexander County	Taylorsville	0	10	0	0	10	0	0	0.00%	0.0000
Alleghany												
Anson	34-2560	Dialysis Care Anson County	Wadesboro	15	0	0	0	15	15	31	51.67%	2.0667
Anson	34-2673	FMC Anson County	Wadesboro	10	0	0	0	10	10	30	75.00%	3.0000
Ashe												
Avery	(Mitchell-Avery-Yancey Multicounty Planning Area.)											
Beaufort	34-2561	BMA Pamlico	Washington	25	0	0	0	25	25	78	78.00%	3.1200
Bertie	34-2547	Windsor Dialysis Unit (BMA)	Windsor	20	0	0	0	20	20	39	48.75%	1.9500
Bladen	34-2578	Southeastern Dialysis Center	Elizabethtown	24	0	0	3	27	24	65	67.71%	2.7083
Brunswick	34-2582	Southeastern Dialysis Center	Shallotte	15	0	3	0	18	15	42	70.00%	2.8000
Brunswick	34-2669	Southport Dialysis Center	Southport	10	0	0	0	10	10	33	82.50%	3.3000
Brunswick	n/a	FMC Brunswick County	Supply	0	10	0	0	10	0	0	0.00%	0.0000
Buncombe	34-2506	Asheville Kidney Center	Asheville	50	0	0	0	50	50	152	76.00%	3.0400
Buncombe	34-2626	Swannanoa Dialysis Center	Swannanoa	10	0	0	0	10	10	17	42.50%	1.7000
Buncombe	34-2604	Weaverville Dialysis	Weaverville	20	6	0	0	26	20	38	47.50%	1.9000
Burke	34-2563	BMA Burke County	Morganton	25	0	0	-2	23	25	69	69.00%	2.7600
Cabarrus	n/a	Three applications were submitted in response to the 2010 County Need Determination.		0	0	0	23	23	0	0	0.00%	0.0000
Cabarrus	34-2670	Harrisburg Dialysis Center	Concord	15	0	4	0	19	15	58	96.67%	3.8667
Cabarrus	34-2631	Copperfield Dialysis	Concord	21	0	0	0	21	21	59	70.24%	2.8095
Caldwell	34-2509	BMA Lenoir	Lenoir	34	0	0	0	34	34	84	61.76%	2.4706
Camden												
Carteret	34-2588	Crystal Coast Dialysis Unit (BMA)	Morehead City	20	6	0	0	26	20	68	85.00%	3.4000

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Caswell	34-2597	Renal Care Group Caswell (BMA)	Yanceyville	10	0	0	0	10	10	28	70.00%	2.8000
Catawba	34-2516	BMA Hickory	Hickory	33	0	0	-6	27	33	113	85.61%	3.4242
Catawba	34-2635	FMC Catawba Valley	Conover	23	0	0	0	23	23	57	61.96%	2.4783
Chatham	34-2621	Carolina Dialysis Siler City	Siler City	18	0	0	0	18	18	50	69.44%	2.7778
Chatham	34-2617	Carolina Dialysis Pittsboro	Pittsboro	10	0	0	0	10	10	23	57.50%	2.3000
Cherokee (Cherokee-Clay-Graham Multicounty Planning Area.)	34-2649	Smokey Mountains Dialysis Center	Murphy	10	0	0	0	10	10	25	62.50%	2.5000
Chowan	34-2541	Edenton Dialysis	Edenton	17	0	0	0	17	17	51	75.00%	3.0000
Clay	(Cherokee-Clay-Graham Multicounty Planning Area.)											
Cleveland	Proposed new site consisting of existing stations.	FMC Cleveland County	Shelby	0	0	0	10	10	0	0	0.00%	0.0000
Cleveland	34-2529	Dialysis Clinic (DCI Shelby)	Shelby	25	4	4	0	33	25	97	97.00%	3.8800
Cleveland	34-2661	DCI Boiling Springs	Boiling Springs	10	1	2	0	13	10	37	92.50%	3.7000
Cleveland	34-2611	DCI Kings Mountain	Kings Mtn.	14	0	1	0	15	14	44	78.57%	3.1429
Cleveland	34-2676	DCI South Shelby	Shelby	10	0	0	0	10	10	39	97.50%	3.9000
Columbus	34-2521	Southeastern Dialysis Center	Whiteville	26	0	0	-2	24	26	65	62.50%	2.5000
Columbus	34-2628	Chadbourn Dialysis Center	Chadbourn	17	0	0	-1	16	17	45	66.18%	2.6471
Craven	34-2534	New Bern Dialysis Unit (BMA)	New Bern	37	0	0	0	37	37	86	58.11%	2.3243
Craven	34-2585	FMC Craven County	New Bern	29	-1	0	0	28	29	74	63.79%	2.5517
Cumberland	34-2510	Fayetteville Kidney Center (BMA)	Fayetteville	38	-3	0	4	39	38	116	76.32%	3.0526
Cumberland	34-2643	FMC West Fayetteville	Fayetteville	37	3	0	0	40	37	111	75.00%	3.0000
Cumberland	34-2593	FMC North Ramsey	Fayetteville	40	0	0	0	40	40	121	75.63%	3.0250

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				Certified	CON Issued/ Not Certified	Decision Rendered (Conditional Approvals)	Decision Pending	Total			Utilization by Percent 12.31.11	Patients per Station
Cumberland Currituck	34-2601	FMC South Ramsey	Fayetteville	51	0	0	0	51	51	111	54.41%	2.1765
Dare	34-2598	Dare County/Outer Banks Dialysis Clinic	Nags Head	9	0	0	0	9	9	29	80.56%	3.2222
Davidson	34-2553	Lexington Dialysis Center (WFU)	Lexington	36	0	0	0	36	36	98	68.06%	2.7222
Davidson	34-2639	Thomasville Dialysis Center	Thomasville	18	0	0	0	18	18	48	66.67%	2.6667
Davie	34-2677	Davie Kidney Center	Mocksville	10	0	0	0	10	10	27	67.50%	2.7000
Duplin	34-2535	Southeastern Dialysis Center Kenansville	Kenansville	14	0	3	0	17	14	51	91.07%	3.6429
Duplin	34-2659	Wallace Dialysis Center	Wallace	12	0	4	0	16	12	49	102.08%	4.0833
Duplin	34-2630	Warsaw Dialysis Center (RAI)	Warsaw	16	0	0	0	16	16	24	37.50%	1.5000
Durham	34-2302 (34-3504)	Duke University Hospital ESRD Unit	Durham	16	0	0	0	16	16	47	73.44%	2.9375
Durham	34-2550	Durham Dialysis	Durham	24	0	0	0	24	24	83	86.46%	3.4583
Durham	34-2616	Durham West Dialysis	Durham	29	0	0	0	29	29	86	74.14%	2.9655
Durham	34-2538	Freedom Lake Dialysis Center	Durham	22	0	0	0	22	22	66	75.00%	3.0000
Durham	34-2590	FMC West Pettigrew	Durham	20	0	0	0	20	20	57	71.25%	2.8500
Durham	34-2615	FMC Briggs Avenue	Durham	29	0	0	0	29	29	69	59.48%	2.3793
Durham	34-2680	FMC South Durham Dialysis	Durham	12	0	0	0	12	12	32	66.67%	2.6667
Durham	34-2683	Southpoint Dialysis Dialysis Care Edgecombe County	Durham	12	0	0	0	12	12	38	79.17%	3.1667
Edgecombe	34-2577	BMA East Rocky Mount	Tarboro	25	10	0	0	35	25	87	87.00%	3.4800
Edgecombe	34-2603		Rocky Mount	30	0	0	0	30	30	99	82.50%	3.3000
Forsyth	34-2304 (34-0047)	North Carolina Baptist Hospitals	Winston-Salem	4	0	0	0	4	4	0	0.00%	0.0000
Forsyth	34-2505	Piedmont Dialysis	Winston-Salem	62	0	0	0	62	62	141	56.85%	2.2742
Forsyth	34-2612	Northside Dialysis Center (WFU)	Winston-Salem	45	0	0	0	45	45	128	71.11%	2.8444
Forsyth	34-2569	Salem Kidney Center (WFU)	Winston-Salem	36	0	0	0	36	36	123	85.42%	3.4167

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				Certified	CON Issued/ Not Certified	Decision Rendered (Conditional Approvals)	Decision Pending	Total			Utilization by Percent 12.31.11	Patients per Station
Forsyth	34-2667	Miller Street Dialysis Center WFU	Winston-Salem	36	0	0	0	36	36	108	75.00%	3.0000
Franklin	n/a (Proposed new site consisting of existing stations)	FMC Franklin County	Louisburg	0	0	0	10	10	0	0	0.00%	0.0000
Franklin	34-2571	Dialysis Care Franklin County	Louisburg	23	0	0	0	23	23	70	76.09%	3.0435
Gaston	34-2513	BMA Gastonia	Gastonia	39	0	0	0	39	39	100	64.10%	2.5641
Gaston	34-2652	Metrolina Kidney Center Belmont	Belmont	16	0	0	0	16	16	38	59.38%	2.3750
Gaston	34-2595	BMA Kings Mountain	Kings Mountain	14	0	0	-1	13	14	37	66.07%	2.6429
Gaston	34-2671	FMC South Gaston	Gastonia	17	0	0	3	20	17	62	91.18%	3.6471
Gates	n/a	Gambro Healthcare Gates County	Gatesville	0	10	0	0	10	0	0	0.00%	0.0000
Graham	(Cherokee-Clay-Graham Multicounty Service Area.)											
Granville	34-2520	FMC Neuse River	Oxford	18	-3	7	0	22	18	69	95.83%	3.8333
Granville	34-2647	FMS Oxford	Oxford	16	3	0	0	19	16	57	89.06%	3.5625
Greene	34-2650	Greene County Dialysis Center	Snow Hill	16	0	0	0	16	16	55	85.94%	3.4375
Guilford	34-2537	BMA South Greensboro	Greensboro	59	0	0	0	59	59	166	70.34%	2.8136
Guilford	34-2600	BMA Southwest Greensboro Kidney Center Greensboro (BMA)	Jamestown	31	-2	0	0	29	31	85	68.55%	2.7419
Guilford	34-2504	Northwest Greensboro Kidney Center (BMA)	Greensboro	56	0	0	0	56	56	164	73.21%	2.9286
Guilford	34-2613	FMC East Greensboro	Greensboro	25	0	0	0	25	25	64	64.00%	2.5600
Guilford	34-2634	High Point Kidney Center (WFU)	Greensboro	37	0	0	0	37	37	95	64.19%	2.5676
Guilford	34-2514	Triad Dialysis Center (WFU)	High Point	42	0	0	0	42	42	142	84.52%	3.3810
Guilford	34-2599	High Point Kidney Center (WFU)	High Point	22	0	0	0	22	22	62	70.45%	2.8182
Halifax	34-2542	BMA Roanoke Rapids	Roanoke Rapids	35	1	0	0	36	35	142	101.43%	4.0571
Halifax	34-2619	FMC Halifax County	Scotland Neck	15	4	0	0	19	15	51	85.00%	3.4000
Halifax	Proposed new site consisting of existing stations.	FMC Weldon (Utilization included with BMA Roanoke Rapids)	Weldon	0	10	0	0	10	0	0	0.00%	0.0000

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates  
(Inventory Compiled 6.25.2012. Utilization Rates Calculated for 12.31.2011.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 6.25.12					Certified Stations 12.31.2011	Number In-Center Patients 12.31.11	Utilization Rates	
				Certified	CON Issued/ Not Certified	Decision Rendered (Conditional Approvals)	Decision Pending	Total			Utilization by Percent 12.31.11	Patients per Station
Harnett	n/a	Two applications were submitted in response to the July 2011 County Need Determination.		0	0	0	11	11	0	0	0.00%	0.0000
Harnett	34-2557	Dunn Kidney Center (BMA)	Dunn	25	-1	7	0	31	25	91	91.00%	3.6400
Harnett	34-2648	FMS Lillington	Lillington	17	0	0	0	17	16	45	70.31%	2.8125
Harnett	Proposed new site consisting of existing stations.	FMC Angier (Utilization included with BMA Cary, BMA Fuquay-Varina and BMA Dunn)	Angier	0	10	0	0	10	0	0	0.00%	0.0000
Haywood	34-2629	Waynesville Dialysis Center	Clyde	18	0	0	0	18	18	51	70.83%	2.8333
Henderson	34-2564	Hendersonville Dialysis Center	Hendersonville	20	0	0	0	20	20	92	115.00%	4.6000
Hertford	34-2570	Ahoskie Dialysis	Ahoskie	27	0	0	0	27	27	85	78.70%	3.1481
Hoke	Proposed new site consisting of existing stations.	Lumbee River Dialysis		0	0	10	0	10	0	0	0.00%	0.0000
Hoke	34-2579	Dialysis Care Hoke County	Raeford	30	0	-3	0	27	30	108	90.00%	3.6000
Iredell	34-2527	Statesville Dialysis Center (WFU)	Statesville	27	0	0	0	27	27	73	67.59%	2.7037
Iredell	34-2636	West Iredell Dialysis Center	Statesville	20	0	0	0	20	20	62	77.50%	3.1000
Iredell	34-2606	Lake Norman Dialysis Center (WFU)	Mooresville	27	0	0	0	27	27	86	79.63%	3.1852
Jackson	34-2556	Sylva Dialysis Center	Sylva	18	0	0	0	18	18	49	68.06%	2.7222
Johnston	34-2545	FMC Four Oaks	Four Oaks	19	3	0	0	22	19	57	75.00%	3.0000
Johnston	34-2572	Johnston Dialysis Center (BMA)	Smithfield	20	0	0	0	20	25	84	84.00%	3.3600
Johnston	34-2678	FMC Stallings Station	Clayton	20	0	0	0	20	10	39	97.50%	3.9000
Jones	34-2625	FMC Jones County	Trenton	10	0	0	0	10	10	24	60.00%	2.4000
Lee	34-2620	Carolina Dialysis Sanford (UNC)	Sanford	39	-13	0	0	26	39	144	92.31%	3.6923
Lee	Proposed new site consisting of existing stations.	Carolina Dialysis Sanford (UNC) - <b>New Facility</b>	Sanford	0	13	0	0	13	0	0	0.00%	0.0000
Lenoir	34-2518	Kinston Dialysis Unit (BMA)	Kinston	39	0	0	0	39	39	100	64.10%	2.5641

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates  
(Inventory Compiled 6.25.2012. Utilization Rates Calculated for 12.31.2011.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 6.25.12					Certified Stations 12.31.2011	Number In-Center Patients 12.31.11	Utilization Rates	
				Certified	CON Issued/ Not Certified	Decision Rendered (Conditional Approvals)	Decision Pending	Total			Utilization by Percent 12.31.11	Patients per Station
Lenoir	34-2609	FMC Vernon Dialysis	Kinston	24	0	0	0	24	24	64	66.67%	2.6667
Lincoln	34-2568	FMC Lincolnton	Lincolnton	25	0	0	-1	24	25	66	66.00%	2.6400
Macon	n/a (Proposed new facility deveoped with new stations)	TBD	Franklin	0	0	0	7	7	0	0	0.00%	0.0000
Madison												
Martin	34-2584	Dialysis Care Martin County	Williamston	23	0	0	0	23	23	71	77.17%	3.0870
McDowell	34-2645	McDowell Dialysis Center	Marion	13	0	0	0	13	13	41	78.85%	3.1538
Mecklenburg	34-2554	BMA West Charlotte	Charlotte	27	0	0	0	27	27	96	88.89%	3.5556
Mecklenburg	34-2581	BMA Beatties Ford (Metrolina)	Charlotte	32	0	0	0	32	32	114	89.06%	3.5625
Mecklenburg	34-2549	BMA North Charlotte	Charlotte	27	0	0	0	27	27	90	83.33%	3.3333
Mecklenburg	34-2306 (34-0113)	Carolina's Medical Center	Charlotte	9	0	0	0	9	9	14	38.89%	1.5556
Mecklenburg	34-2552	RAI Care Centers Charlotte	Charlotte	24	0	0	0	24	24	63	65.63%	2.6250
Mecklenburg	34-2591	RAI Care Centers Mecklenburg/University	Charlotte	34	8	0	0	42	29	117	100.86%	4.0345
Mecklenburg	34-2523	South Charlotte Dialysis	Charlotte	17	3	0	0	20	17	66	97.06%	3.8824
Mecklenburg	34-2548	Charlotte Dialysis	Charlotte	32	2	0	0	34	32	111	86.72%	3.4688
Mecklenburg	34-2627	Charlotte East Dialysis	Charlotte	16	0	4	0	20	16	74	115.63%	4.6250
Mecklenburg	34-2663	North Charlotte Dialysis Center	Charlotte	21	0	0	4	25	21	102	121.43%	4.8571
Mecklenburg	34-2503	BMA Charlotte	Charlotte	40	0	0	-2	38	40	121	75.63%	3.0250
Mecklenburg	34-2605	BMA East Charlotte	Charlotte	24	0	0	0	24	24	76	79.17%	3.1667
Mecklenburg	34-2594	BMA Nations Ford	Charlotte	22	0	2	0	24	22	92	104.55%	4.1818
Mecklenburg	34-2681	FMC Matthews	Matthews	21	0	0	0	21	17	66	97.06%	3.8824

**Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates  
(Inventory Compiled 6.25.2012. Utilization Rates Calculated for 12.31.2011.)**

County	Provider Number	Facility	City	Number of Dialysis Stations as of 6.25.12					Certified Stations 12.31.2011	Number In-Center Patients 12.31.11	Utilization Rates	
				Certified	CON Issued/ Not Certified	Decision Rendered (Conditional Approvals)	Decision Pending	Total			Utilization by Percent 12.31.11	Patients per Station
Mecklenburg	Proposed new site consisting of existing stations.	Mint Hill Dialysis Center (Utilization included with Charlotte East and South Charlotte)	Mint Hill	0	10	0	0	10	0	0	0.00%	0.0000
Mitchell (Mitchell-Avery- Yancey Multicounty Planning Area)	34-2660	Mayland Dialysis Center	Spruce Pine	9	0	0	0	9	9	22	61.11%	2.4444
Montgomery	34-2583	Dialysis Care Montgomery County	Biscoe	19	0	0	0	19	19	61	80.26%	3.2105
Moore	34-2555	Dialysis Care Pinehurst	Pinehurst	25	0	0	0	25	25	70	70.00%	2.8000
Moore	34-2638	Southern Pines Dialysis Center	Southern Pines	15	0	0	0	15	15	52	86.67%	3.4667
Moore	34-2679	Carthage Dialysis Center	Carthage	12	0	0	0	12	12	22	45.83%	1.8333
Nash	34-2517	Rocky Mount Kidney Center (BMA)	Rocky Mount	42	0	0	0	42	42	151	89.88%	3.5952
Nash	34-2644	FMC Spring Hope	Spring Hope	10	0	3	0	13	10	30	75.00%	3.0000
New Hanover	34-2511	Southeastern Dialysis Center	Wilmington	29	0	0	0	29	29	80	68.97%	2.7586
New Hanover	34-2685	Cape Fear Dialysis Center	Wilmington	28	0	0	0	28	28	132	117.86%	4.7143
Northampton	n/a	Two applications were received in response to the July 2011 County Need Determination.		0	0	0	0	0	0	0	0.00%	0.0000
Northampton	34-2586	FMC East Northampton County	Rich Square	16	3	0	0	19	16	43	67.19%	2.6875
Onslow	34-2532	Southeastern Dialysis Ctr. Jacksonville	Jacksonville	38	0	0	4	42	38	138	90.79%	3.6316
Orange	34-2622	Carolina Dialysis Carrboro (UNC)	Carrboro	36	5	0	0	41	36	107	74.31%	2.9722
Pamlico												
Pasquotank	34-2515	Elizabeth City Dialysis	Elizabeth City	30	0	0	0	30	30	102	85.00%	3.4000
Pender	34-2558	Southeastern Dialysis Center	Burgaw	20	2	0	0	22	20	68	85.00%	3.4000
Perquimans												

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County	Provider Number	Facility	City	Number of Dialysis Stations as of 6.25.12					Certified Stations 12.31.2011	Number In-Center Patients 12.31.11	Utilization Rates	
				Certified	CON Issued/ Not Certified	Decision Rendered (Conditional Approvals)	Decision Pending	Total			Utilization by Percent 12.31.11	Patients per Station
Person	34-2562	Roxboro Dialysis	Roxboro	24	6	0	0	30	24	101	105.21%	4.2083
Pitt	34-2502	Greenville Dialysis Center (BMA)	Greenville	48	0	0	0	48	48	130	67.71%	2.7083
Pitt	34-2632	FMC Care of Ayden	Ayden	15	0	0	0	15	15	57	95.00%	3.8000
Pitt	34-2596	FMC East Carolina University	Greenville	38	0	0	0	38	38	120	78.95%	3.1579
Polk	n/a	Polk County Dialysis Center	Columbus	0	10	0	0	10	0	0	0.00%	0.0000
Randolph	34-2524	Bio-Medical Applications of Asheboro	Asheboro	27	19	0	0	46	27	105	97.22%	3.8889
Richmond	34-2539	Dialysis Care of Richmond County	Hamlet	32	-5	0	0	27	32	115	89.84%	3.5938
Richmond	Proposed new site consisting of existing stations.	Sandhills Dialysis Center (Utilization included with Dialysis Care of Richmond County)	Rockingham	0	12	0	0	12	0	0	0.00%	0.0000
Robeson	34-2528	Lumberton Dialysis Unit (BMA)	Lumberton	29	0	0	0	29	29	89	76.72%	3.0690
Robeson	34-2623	FMC Dialysis Services Robeson County	Fairmont	23	0	0	0	23	23	63	68.48%	2.7391
Robeson	34-2607	BMA Red Springs	Red Springs	14	0	0	0	14	14	34	60.71%	2.4286
Robeson	34-2662	BMA St. Pauls	St. Pauls	10	0	4	0	14	10	36	90.00%	3.6000
Robeson	34-2651	St. Pauls Dialysis Center	St. Pauls	10	0	0	0	10	10	23	57.50%	2.3000
Robeson	34-2682	FMC of Pembroke	Pembroke	13	0	0	0	13	13	39	75.00%	3.0000
Rockingham	34-2536	Dialysis Care of Rockingham County	Eden	23	0	0	0	23	23	63	68.48%	2.7391
Rockingham	34-2624	Madison Dialysis Center	Madison	10	0	0	0	10	10	28	70.00%	2.8000
Rockingham	34-2640	Reidsville Dialysis	Reidsville	19	0	0	0	19	19	55	72.37%	2.8947
Rockingham	34-2641	Rockingham Kidney Center (BMA)	Reidsville	15	0	0	0	15	15	49	81.67%	3.2667
Rowan	34-2546	Dialysis Care Rowan County	Salisbury	29	0	0	0	29	29	95	81.90%	3.2759
Rowan	34-2592	Dialysis Care Kannapolis/Rowan	Kannapolis	25	0	0	0	25	25	61	61.00%	2.4400
Rutherford	34-2566	Dialysis Care Rutherford County	Forest City	30	0	0	0	30	30	86	71.67%	2.8667
Sampson	34-2559	BMA Clinton	Clinton	33	0	0	0	33	39	131	83.97%	3.3590
Sampson	34-2688	FMC Roseboro (Utilization included with BMA of Clinton)	Roseboro	10	0	0	0	10	0	0	0.00%	0.0000

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				Certified	CON Issued/ Not Certified	Decision Rendered (Conditional Approvals)	Decision Pending	Total			Utilization by Percent 12.31.11	Patients per Station
Scotland	34-2540	BMA Laurinburg	Laurinburg	26	0	0	0	26	26	85	81.73%	3.2692
Scotland	34-2664	FMC Scotland County	Laurinburg	12	0	0	0	12	12	40	83.33%	3.3333
Stanly	34-2565	BMA Albemarle	Albemarle	22	0	0	0	22	22	69	78.41%	3.1364
Stokes	34-2633	King Dialysis Center	King	17	0	0	0	17	17	41	60.29%	2.4118
Surry	34-2551	Mount Airy Dialysis Center (WFU)	Mt. Airy	27	0	0	0	27	27	82	75.93%	3.0370
Surry	34-2614	Elkin Dialysis Center (WFU)	Elkin	19	0	0	0	19	19	44	57.89%	2.3158
Swain	34-2602	Cherokee Dialysis Center	Cherokee	20	0	0	0	20	20	65	81.25%	3.2500
Transylvania	n/a	Brevard Dialysis Center	Transylvania	0	8	0	0	8	0	0	0.00%	0.0000
Tyrrell												
Union	34-2525	Metrolina Kidney Center (BMA Monroe)	Monroe	21	0	0	0	21	21	49	58.33%	2.3333
Union	34-2526	Union County Dialysis	Monroe	24	6	0	0	30	24	80	83.33%	3.3333
Union	34-2666	Marshville Dialysis Center	Marshville	10	0	0	0	10	10	26	65.00%	2.6000
Vance	34-2543	Henderson Dialysis Center	Henderson	43	6	0	0	49	43	143	83.14%	3.3256
Wake	34-2544	Cary Kidney Center (BMA)	Cary	23	-3	0	0	20	23	72	78.26%	3.1304
Wake	34-2658	FMS Apex	Apex	14	0	2	0	16	14	39	69.64%	2.7857
Wake	34-2512	BMA Raleigh Dialysis	Raleigh	49	-2	0	0	47	49	151	77.04%	3.0816
Wake	34-2646	FMC New Hope	Raleigh	30	6	0	0	36	30	84	70.00%	2.8000
Wake	34-2684	FMC Central Raleigh	Raleigh	13	2	0	0	15	13	20	38.46%	1.5385
Wake	34-2608	BMA Fuquay Varina	Fuquay-Varina	22	-5	2	0	19	22	75	85.23%	3.4091
Wake	34-2589	Zebulon Kidney Center (BMA)	Zebulon	30	0	0	-3	27	30	88	73.33%	2.9333
Wake	34-2522	Wake Dialysis Clinic	Raleigh	50	0	0	0	50	50	165	82.50%	3.3000
Wake	34-2672	FMC Eastern Wake	Rolesville	14	0	0	-3	11	14	40	71.43%	2.8571
Wake	34-2653	FMC Millbrook	Raleigh	16	0	1	0	17	16	49	76.56%	3.0625
Wake	34-2642	Southwest Wake County Dialysis	Raleigh	30	0	1	0	31	30	101	84.17%	3.3667
Wake	34-2675	Wake Forest Dialysis Center	Wake Forest	10	0	0	0	10	10	34	85.00%	3.4000

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				Certified	CON Issued/ Not Certified	Decision Rendered (Conditional Approvals)	Decision Pending	Total			Utilization by Percent 12.31.11	Patients per Station
Warren	34-2610	FMC Warren Hills	Warrenton	25	0	0	-4	21	25	61	61.00%	2.4400
Washington	34-2618	FMC Plymouth	Plymouth	14	0	0	0	14	14	37	66.07%	2.6429
Watauga	34-2674	FMC Watauga County	Boone	14	0	0	0	14	14	35	62.50%	2.5000
Wayne	34-2531	Goldsboro Dialysis	Goldsboro	26	0	0	0	26	25	87	87.00%	3.4800
Wayne	34-2587	Goldsboro South Dialysis	Goldsboro	23	0	0	0	23	23	74	80.43%	3.2174
Wayne	34-2573	Mount Olive Dialysis	Mount Olive	15	0	0	0	15	11	34	77.27%	3.0909
Wayne	34-2576	RAI Care Centers Goldsboro	Goldsboro	16	0	0	0	16	16	24	37.50%	1.5000
Wilkes	34-2313 (34-0064)	Wilkes Regional Dialysis Center	N. Wilkesboro	16	0	0	0	16	16	52	81.25%	3.2500
Wilson	34-2507	Wilson Dialysis	Wilson	29	7	0	0	36	29	122	105.17%	4.2069
Wilson	34-2637	Forest Hills Dialysis	Forest Hills	21	0	0	0	21	21	96	114.29%	4.5714
Yadkin	34-2665	Yadkin Dialysis Center	Yadkinville	13	0	0	0	13	13	26	50.00%	2.0000
Yancey	(Mitchell-Avery-Yancey Multicounty Planning Area.)											
<b>State Totals</b>				<b>4,210</b>	<b>187</b>	<b>64</b>	<b>54</b>	<b>4,515</b>	<b>4,186</b>	<b>12,833</b>		

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

County/ Multi-County Planning Area	12.31.07 Total Patients	12.31.08 Total Patients	12.31.09 Total Patients	12.31.10 Total Patients	12.31.11 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12.31.12 Total Patients	12.31.11 Home Patients	12.31.11 Percent Home Patients	Projected 12.31.12 Home Patients	Projected 12.31.12 In-Center Patients	Projected 12.31.12 In-Center Station Utilization	Total Available Stations	Projected Station Deficit (bolded) or Surplus	County Station Need Determination
Alamance	232	238	256	271	276	0.045	288.3	38	13.8%	39.7	248.6	78	85	Surplus of 7	0
Alexander	27	34	30	37	35	0.080	37.8	9	25.7%	9.7	28.1	9	10	Surplus of 1	0
Alleghany	5	7	12	10	7	0.162	8.1	3	42.9%	3.5	4.6	1	0	1	0
Anson	75	69	68	75	79	0.015	80.2	6	7.6%	6.1	74.1	23	25	Surplus of 2	0
Ashe	20	18	16	21	19	0.002	19.0	5	26.3%	5.0	14.0	4	0	4	0
Beaufort	96	96	96	97	103	0.018	104.9	16	15.5%	16.3	88.6	28	25	3	0
Bertie	67	68	65	68	65	-0.007	64.6	7	10.8%	7.0	57.6	18	20	Surplus of 2	0
Bladen	78	89	92	95	95	0.052	99.9	11	11.6%	11.6	88.4	28	27	1	0
Brunswick	102	113	109	120	124	0.052	130.4	26	21.0%	27.3	103.1	32	38	Surplus of 6	0
Buncombe	230	225	222	226	224	-0.006	222.5	31	13.8%	30.8	191.8	60	86	Surplus of 26	0
Burke	90	92	92	85	87	-0.008	86.3	15	17.2%	14.9	71.5	22	23	Surplus of 1	0
Cabarrus	170	174	201	205	198	0.041	206.1	34	17.2%	35.4	170.7	53	63	Surplus of 10	0
Caldwell	104	106	110	104	102	-0.004	101.6	12	11.8%	11.9	89.6	28	34	Surplus of 6	0
Camden	9	12	12	16	15	0.151	17.3	2	13.3%	2.3	15.0	5	0	5	0
Carteret	56	54	67	71	74	0.077	79.7	11	14.9%	11.8	67.8	21	26	Surplus of 5	0
Caswell	25	26	32	37	32	0.073	34.3	3	9.4%	3.2	31.1	10	10	0	0
Catawba	157	162	167	181	189	0.048	198.0	32	16.9%	33.5	164.5	51	50	1	0
Chatham	73	71	79	81	81	0.028	83.2	5	6.2%	5.1	78.1	24	28	Surplus of 4	0
Cherokee	29	23	20	17	19	-0.092	17.2	3	15.8%	2.7	14.5	5	10	Surplus of 5	0
Clay	8	9	8	8	10	0.066	10.7	0	0.0%	0.0	10.7	3	0	3	0
Graham	11	11	12	14	14	0.064	14.9	0	0.0%	0.0	14.9	5	0	5	0
Cherokee-Clay-Graham Planning Area Total														3	0
Chowan	37	39	40	41	36	-0.004	35.8	5	13.9%	5.0	30.9	10	17	Surplus of 7	0
Cleveland	206	213	214	238	259	0.060	274.5	31	12.0%	32.9	241.6	76	81	Surplus of 5	0
Columbus	137	137	129	122	134	-0.004	133.5	7	5.2%	7.0	126.5	40	40	0	0
Craven	155	159	177	173	169	0.023	172.9	15	8.9%	15.3	157.6	49	65	Surplus of 16	0
Cumberland	510	521	523	555	533	0.012	539.3	58	10.9%	58.7	480.6	150	170	Surplus of 20	0
Currituck	15	14	14	17	10	-0.066	9.3	5	50.0%	4.7	4.7	1	0	1	0
Dare	23	26	22	29	27	0.056	28.5	1	3.7%	1.1	27.5	9	9	0	0
Davidson	172	172	181	180	195	0.033	201.3	26	13.3%	26.8	174.5	55	54	1	0
Davie	36	39	38	41	40	0.028	41.1	7	17.5%	7.2	33.9	11	10	1	0
Duplin	118	127	131	130	134	0.033	138.4	12	9.0%	12.4	126.0	39	49	Surplus of 10	0
Durham	495	505	516	500	511	0.008	515.2	38	7.4%	38.3	476.9	149	164	Surplus of 15	0
Edgecombe	171	186	182	198	208	0.051	218.6	24	11.5%	25.2	193.4	60	65	Surplus of 5	0
Forsyth	556	571	588	593	582	0.012	588.8	77	13.2%	77.9	510.9	160	183	Surplus of 23	0
Franklin	85	94	92	111	113	0.077	121.7	14	12.4%	15.1	106.7	33	33	0	0
Gaston	246	277	295	278	270	0.026	277.1	27	10.0%	27.7	249.4	78	88	Surplus of 10	0
Gates	28	24	18	26	8	-0.160	6.7	2	25.0%	1.7	5.0	2	10	Surplus of 8	0
Granville	116	117	106	112	128	0.029	131.7	12	9.4%	12.3	119.3	37	41	Surplus of 4	0
Greene	38	40	46	52	57	0.107	63.1	4	7.0%	4.4	58.7	18	16	2	0
Guilford	792	787	822	790	819	0.009	826.4	61	7.4%	61.5	764.8	239	270	Surplus of 31	0
Halifax	182	192	199	225	233	0.064	248.0	34	14.6%	36.2	211.8	66	65	1	0
Harnett	139	153	164	199	210	0.110	233.2	18	8.6%	20.0	213.2	67	69	Surplus of 2	0
Haywood	49	52	53	52	47	-0.009	46.6	7	14.9%	6.9	39.7	12	18	Surplus of 6	0
Henderson	71	79	70	74	76	0.021	77.6	16	21.1%	16.3	61.2	19	20	Surplus of 1	0
Hertford	78	77	87	84	82	0.015	83.2	6	7.3%	6.1	77.1	24	27	Surplus of 3	0
Hoke	64	67	73	92	101	0.124	113.5	4	4.0%	4.5	109.0	34	37	Surplus of 3	0
Hyde	6	6	7	6	8	0.089	8.7	2	25.0%	2.2	6.5	2	0	2	0
Iredell	192	201	192	200	209	0.022	213.6	42	20.1%	42.9	170.7	53	74	Surplus of 21	0

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

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

County/ Multi-County Planning Area	12.31.07 Total Patients	12.31.08 Total Patients	12.31.09 Total Patients	12.31.10 Total Patients	12.31.11 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12.31.12 Total Patients	12.31.11 Home Patients	12.31.11 Percent Home Patients	Projected 12.31.12 Home Patients	Projected 12.31.12 In-Center Patients	Projected 12.31.12 In-Center Station Utilization	Total Available Stations	Projected Station Deficit (bolded) or Surplus	County Station Need Determination
Jackson	25	24	23	28	34	0.088	37.0	8	23.5%	8.7	28.3	9	18	Surplus of 9	0
Johnston	193	191	202	213	230	0.045	240.4	20	8.7%	20.9	219.5	69	62	7	0
Jones	24	28	32	31	33	0.086	35.8	3	9.1%	3.3	32.6	10	10	0	0
Lee	100	102	107	112	108	0.020	110.2	8	7.4%	8.2	102.0	32	39	Surplus of 7	0
Lenoir	175	174	174	183	170	-0.006	168.9	11	6.5%	10.9	158.0	49	63	Surplus of 14	0
Lincoln	66	78	77	87	81	0.057	85.7	18	22.2%	19.0	66.6	21	24	Surplus of 3	0
Macon	21	24	23	23	33	0.134	37.4	8	24.2%	9.1	28.3	9	7	2	0
Madison	9	8	13	11	13	0.135	14.8	1	7.7%	1.1	13.6	4	0	4	0
Martin	64	62	74	81	85	0.077	91.5	8	9.4%	8.6	82.9	26	23	3	0
McDowell	38	44	43	42	49	0.070	52.4	5	10.2%	5.3	47.1	15	13	2	0
Mecklenburg	1071	1097	1122	1201	1327	0.056	1400.8	139	10.5%	146.7	1254.0	392	377	15	0
Mitchell	8	8	7	9	11	0.096	12.1	1	9.1%	1.1	11.0	3	9	Surplus of 6	0
Avery	10	9	10	10	9	-0.022	8.8	4	44.4%	3.9	4.9	2	0	2	0
Yancey	18	17	12	15	16	-0.008	15.9	0	0.0%	0.0	15.9	5	0	5	0
Mitchell-Avery-Yancey Planning Area Total														1	0
Montgomery	53	54	44	54	60	0.043	62.6	2	3.3%	2.1	60.5	19	19	0	0
Moore	150	156	155	152	157	0.012	158.8	22	14.0%	22.3	136.6	43	52	Surplus of 9	0
Nash	176	186	204	198	193	0.025	197.8	22	11.4%	22.5	175.2	55	55	0	0
New Hanover	180	191	198	201	217	0.048	227.4	34	15.7%	35.6	191.8	60	57	3	0
Northampton	71	76	79	88	76	0.022	77.7	8	10.5%	8.2	69.5	22	19	3	0
Onslow	125	131	133	127	156	0.062	165.6	27	17.3%	28.7	136.9	43	42	1	0
Orange	142	128	138	137	126	-0.027	122.6	11	8.7%	10.7	111.9	35	41	Surplus of 6	0
Pamlico	20	18	21	21	21	0.017	21.4	4	19.0%	4.1	17.3	5	0	5	0
Pasquotank	76	74	86	89	90	0.045	94.1	10	11.1%	10.5	83.6	26	30	Surplus of 4	0
Pender	71	77	82	83	96	0.080	103.6	11	11.5%	11.9	91.8	29	22	7	0
Perquimans	18	17	22	23	22	0.060	23.3	2	9.1%	2.1	21.2	7	0	7	0
Person	86	86	90	91	102	0.045	106.6	7	6.9%	7.3	99.2	31	30	1	0
Pitt	292	303	310	309	317	0.021	323.6	33	10.4%	33.7	289.9	91	101	Surplus of 10	0
Polk	16	12	14	11	14	-0.006	13.9	3	21.4%	3.0	10.9	3	10	Surplus of 7	0
Randolph	105	114	141	142	151	0.098	165.8	16	10.6%	17.6	148.3	46	46	0	0
Richmond	105	109	122	119	121	0.037	125.5	9	7.4%	9.3	116.2	36	39	Surplus of 3	0
Robeson	327	314	327	335	337	0.008	339.7	22	6.5%	22.2	317.5	99	103	Surplus of 4	0
Rockingham	159	161	175	197	181	0.036	187.5	12	6.6%	12.4	175.1	55	67	Surplus of 12	0
Rowan	143	149	150	145	140	-0.005	139.3	29	20.7%	28.9	110.5	35	54	Surplus of 19	0
Rutherford	88	80	87	98	113	0.069	120.8	22	19.5%	23.5	97.3	30	30	0	0
Sampson	147	140	142	161	164	0.030	168.9	14	8.5%	14.4	154.5	48	43	5	0
Scotland	110	99	109	108	121	0.028	124.4	9	7.4%	9.3	115.1	36	38	Surplus of 2	0
Stanly	64	74	67	70	65	0.009	65.6	5	7.7%	5.0	60.5	19	22	Surplus of 3	0
Stokes	45	51	54	56	49	0.026	50.3	8	16.3%	8.2	42.1	13	17	Surplus of 4	0
Surry	96	100	99	107	106	0.026	108.7	11	10.4%	11.3	97.4	30	46	Surplus of 16	0
Swain	48	48	48	44	56	0.047	58.7	4	7.1%	4.2	54.5	17	20	Surplus of 3	0
Transylvania	23	16	15	20	33	0.154	38.1	7	21.2%	8.1	30.0	9	8	1	0
Tyrrell	11	7	9	6	5	-0.144	4.3	3	60.0%	2.6	1.7	1	0	1	0
Union	135	148	156	183	182	0.079	196.5	27	14.8%	29.1	167.3	52	61	Surplus of 9	0
Vance	139	152	158	163	165	0.044	172.3	11	6.7%	11.5	160.8	50	49	1	0
Wake	864	929	952	995	1016	0.042	1058.2	133	13.1%	138.5	919.7	287	299	Surplus of 12	0
Warren	57	60	63	60	60	0.014	60.8	2	3.3%	2.0	58.8	18	21	Surplus of 3	0
Washington	29	33	38	37	36	0.059	38.1	1	2.8%	1.1	37.1	12	14	Surplus of 2	0
Watauga	30	32	27	31	30	0.007	30.2	12	40.0%	12.1	18.1	6	14	Surplus of 8	0

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

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

County/ Multi-County Planning Area	12.31.07 Total Patients	12.31.08 Total Patients	12.31.09 Total Patients	12.31.10 Total Patients	12.31.11 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12.31.12 Total Patients	12.31.11 Home Patients	12.31.11 Percent Home Patients	Projected 12.31.12 Home Patients	Projected 12.31.12 In-Center Patients	Projected 12.31.12 In-Center Station Utilization	Total Available Stations	Projected Station Deficit (bolded) or Surplus	County Station Need Determination
Wayne	241	249	236	240	250	0.010	252.5	41	16.4%	41.4	211.1	66	80	Surplus of 14	0
Wilkes	61	69	83	75	72	0.049	75.6	11	15.3%	11.5	64.0	20	16	<b>4</b>	0
Wilson	192	188	199	198	220	0.036	227.9	24	10.9%	24.9	203.0	63	57	<b>6</b>	0
Yadkin	43	43	45	40	39	-0.022	38.1	7	17.9%	6.8	31.3	10	13	Surplus of 3	0
Unknowns	6	7	9	15	14	0.263	17.7	3	21.4%	0	0.0	0	0	0	0
<b>State Totals</b>	<b>12,947</b>	<b>13,319</b>	<b>13,751</b>	<b>14,232</b>	<b>14,619</b>			<b>1,697</b>				<b>4,174</b>	<b>4,515</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 C: Need Determination for New Dialysis Stations by County**  
*(Based on the County Need Methodology – July 2012)*

<b>Service Area</b>	<b>HSA</b>	<b>Number of Dialysis Stations Needed</b>	<b>Certificate of Need Application Due Date</b>	<b>Certificate of Need Beginning Review Date</b>
Application of the County Need Methodology resulted in no dialysis station need determinations for the July 2012 Semiannual Dialysis Report.				

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

## Southeastern Kidney Council Disclaimer

### May 22, 2012

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North Carolina Semiannual Dialysis Report  
July 2012