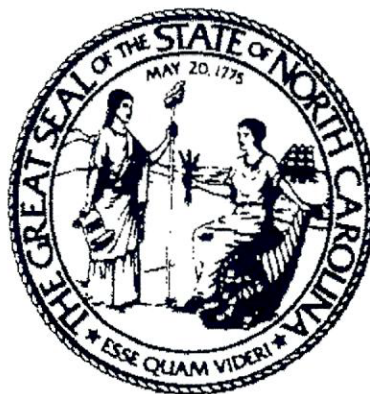


**January 2002  
North Carolina  
Semiannual Dialysis  
Report**



North Carolina State Health Coordinating Council  
Medical Facilities Planning Section  
Division of Facility Services  
North Carolina Department of Health and Human Services



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# END-STAGE RENAL DISEASE DIALYSIS FACILITIES

## January 2002 Semiannual Dialysis Report

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### Introduction

The 2002 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 2002 Plan specifies that the Semiannual Dialysis Reports "...will use facility, station and active patient data provided as of June 30, 2001 for the January 2002 SDR and as of December 31, 2001 for the July 2002 SDR. A new five-year trend line will be established in the July 2002 SDR, based on validated data as reported to HCFA for the time period ending December 31, 2001." This document is the January 2002 SDR. It reiterates the methodology and presents need determinations for the Certificate of Need Review beginning April 1, 2002.

### Summary of Dialysis Station Supply and Utilization

For purposes of the Semiannual Dialysis Report, as of December 21, 2001 there were 114 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 2,652 dialysis stations. Certificates of need had been issued for an additional 181 dialysis stations, but the stations were not yet certified. Another 139 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 eleven.

Utilization data as of June 30, 2001 are presented in the final two columns of Table A. Of the 112 certified facilities operational on that date, 69 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 Facility Services, Department of Health and Human Services.

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

Data on the dialysis population by county and by facility as of June 30, 2001 were provided by the Health Care Financing Administration (HCFA) 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, 2001 were provided by the SEKC on November 9, 2001. The SEKC noted that these figures reflect data submitted to the Southeastern Kidney Council by dialysis facilities in Network 6 and were current as of November 8, 2001. These data are not validated and are subject to change. 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 1996, 1997, 1998, 1999 and 2000 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, 2001 regardless of the county or state of each patient's residence. These figures were also provided by the SEKC on November 9, 2001. Again, the SEKC noted that these figures reflect data provided to the Southeastern Kidney Council by dialysis facilities in Network 6 and were current as of November 8, 2001. The SEKC also noted that these figures are not validated and are subject to change.

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

The 2002 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 2002 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 project a need for at least 10 stations (or 32 patients) as of the first day of operation of the facility 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. Up-dated 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.



4. Up-dates 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 Plan so they can be up-dated 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 includes, but is 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 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 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 2002 SDR – Using the trend line ending with 12/31/00 data)*

- (A) The average annual rate (%) of change in total number of dialysis patients resident in each county from the end of 1996 to the end of 2000 is multiplied by the county's June 30, 2001 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, 2002 patients.
- (B) The percent of each county's total patients who were home dialysis patients on June 30, 2001 is multiplied by the county's projected total June 30, 2002 patients, and the product is subtracted from the county's projected total June 30, 2002 patients. The remainder is the county's projected June 30, 2002 in-center dialysis patients.

- (C) The projected number of each county's June 30, 2002 in-center patients is divided by 3.2. The quotient is the projection of the county's June 30, 2002 in-center dialysis stations.
- (D) From each county's projected number of June 30, 2002 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, 2002 projected station surplus or deficit.
- (E) If a county's June 30, 2002 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, 2002 county station need determination is the same as the June 30, 2002 projected station deficit. If a county's June 30, 2002 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, 2002 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 (*as shown in Table A*).
- (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, 2001 until December 31, 2001*) for the January 2, 2002 SDR.

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- (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.

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

- (C) The facility may apply to expand to meet the need established in (2)(B)(v), up to a maximum of ten stations.

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 2002 State Medical Facilities Plan only if it demonstrates a need by utilizing one of the methods of determining need as outlined above.

***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 in 2002 shall be as follows:

<u>Data for Period Ending</u>	<u>Due Date for SEKC Report</u>	<u>Publication of SDR</u>	<u>Receipt of CON Applications</u>	<u>Beginning Review Dates</u>
June 30, 2001	Nov. 12, 2001	January 2, 2002	March 15, 2002	April 1, 2002
Dec. 31, 2001	May 10, 2002	July 1, 2002	September 16, 2002	October 1, 2002

Please be advised that 5:00 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 12/21/01; Utilization Rates Calculated for 6/30/01)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12/21/01					Certified Stations 6/30/01	# In-Center Patients 6/30/01	Utilization Rates	
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			By Percent	Patients per Station
ALAMANCE	34-2533	BMA of Burlington	Burlington	30	0	0	0	30	27	94	87.0%	3.48
	34-2567	Burlington Dialysis Center	Burlington	25	0	2	0	27	25	75	75.0%	3.00
ALEXANDER								0				
ALLEGHANY								0				
ANSON	34-2560	Dialysis Care of Anson County	Wadesboro	13	0	0	0	13	9	30	83.3%	3.33
ASHE								0				
AVERY								0				
BEAUFORT	34-2561	BMA of Pamlico	Washington	18	7	0	0	25	18	65	90.3%	3.61
BERTIE	34-2547	Windsor Dialysis Unit (BMA)	Windsor	16	0	0	0	16	16	48	75.0%	3.00
BLADEN	34-2578	Southeastern Dialysis Center, Inc.	Elizabethtown	13	0	4	0	17	13	40	76.9%	3.08
BRUNSWICK	34-2582	Southeastern Dialysis Center, Inc.	Shalotte	11	0	0	0	11	11	29	65.9%	2.64
BUNCOMBE	34-2506	Asheville Kidney Center	Asheville	36	0	0	-10	26	36	149	103.5%	4.14
	n/a	Black Mountain Dialysis Center *	Black Mtn.	0	0	0	10	10				
	34-2604	Weaverville Dialysis Center	Weaverville	12	0	0	0	12	12	53	110.4%	4.42
BURKE	34-2563	BMA of Burke County	Morganton	15	0	10	0	25	15	62	103.3%	4.13
CABARRUS	34-2519	Metrolina Kidney Center (BMA-Concord)	Concord	30	-10	0	0	20	30	88	73.3%	2.93
	n/a	BMA of Kannapolis *	Kannapolis	0	10	0	0	10				
	n/a	Concord Dialysis Center **	Concord	0	0	0	10	10				
CALDWELL	34-2509	BMA-Lenoir (Northwestern Dialysis)	Lenoir	29	0	0	0	29	29	79	68.1%	2.72
CAMDEN								0				
CARTERET	34-2588	Crystal Coast Dialysis Unit (BMA)	Morehead City	15	0	0	0	15	15	52	86.7%	3.47
CASWELL	34-2597	Carolina Dialysis Center--Caswell	Yanceyville	10	0	0	0	10	10	27	67.5%	2.70
CATAWBA	34-2516	BMA-Hickory (Northwestern Dialysis)	Hickory	33	0	-2	0	31	33	122	92.4%	3.70
	n/a	FMC Catawba Valley Dialysis *	Conover	0	0	12	0	12				
CHATHAM	34-3501	Carolina Dialysis Siler City	Siler City	9	0	0	0	9	9	32	88.9%	3.56
	n/a	Carolina Dialysis -Pittsboro	Pittsboro	0	10	0	0	10	0	0	0.0%	0.00
CHEROKEE								0				
CHOWAN	34-2541	Gambro Healthcare Edenton	Edenton	17	0	0	0	17	17	39	57.4%	2.29
CLAY								0				
CLEVELAND	34-2529	Dialysis Clinic, Inc. (DCI Shelby)	Shelby	29	0	0	0	29	29	108	93.1%	3.72
	34-2611	DCI Kings Mountain *	Kings Mtn.	12	0	0	0	12				
COLUMBUS	34-2521	Southeastern Dialysis Center	Whiteville	25	0	0	0	25	25	79	79.0%	3.16

\* Proposed new site composed of existing dialysis stations. Utilization of existing stations included with current location shown above.

\*\* Proposed new site composed of existing dialysis stations. Utilization of existing stations is shown with "Dialysis Care of Kannapolis" in Rowan County.



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

(Inventory Compiled 12/21/01; Utilization Rates Calculated for 6/30/01)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12/21/01					Certified Stations 6/30/01	# In-Center Patients 6/30/01	Utilization Rates	
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			By Percent	Patients per Station
CRAVEN	34-2534	New Bern Dialysis Unit (BMA)	New Bern	39	0	0	0	39	39	128	82.1%	3.28
	34-2585	FMC Craven County (Dialysis Care of...)	New Bern	24	0	4	0	28	14	45	80.4%	3.21
CUMBERLAND	34-2510	Fayetteville Kidney Center Inc. (BMA)	Fayetteville	45	-4	0	-15	26	55	168	76.4%	3.05
	n/a	FMC Dialysis Services of West Fayetteville	Fayetteville				15	15				
	34-2593	FMC Dialysis Services-North Ramsey (BMA)	Fayetteville	26	4	0	0	30	26	104	100.0%	4.00
	34-2601	FMC Dialysis Services-South Ramsey (BMA)	Fayetteville	29	0	9	0	38	19	95	125.0%	5.00
CURRITUCK							0					
DARE	34-2598	Dare County/Outer Banks Dialysis Clinic	Nags Head	9	0	0	0	9	4	14	87.5%	3.50
DAVIDSON	34-2553	Lexington Dialysis Center	Lexington	37	0	0	0	37	37	124	83.8%	3.35
DAVIE							0					
DUPLIN	34-2535	Southeastern Dialysis Ctr. Kenansville	Kenansville	16	0	4	0	20	16	68	106.3%	4.25
	n/a	Total Renal Care	Warsaw	0	14	0	0	14	0	0	0.0%	0.00
DURHAM	34-2302	Duke University Hospital ESRD Unit	Durham	16	0	0	0	16	16	54	84.4%	3.38
	34-2550	Gambro Healthcare-Durham	Durham	37	-10	0	0	27	37	147	99.3%	3.97
	n/a	Gambro Healthcare Durham-West *	Durham	0	10	0	0	10				
	n/a	<i>(Four applications were submitted in response to the June 2001 County Need Determination.)</i>					10	10				
	34-2538	Freedom Lake Dialysis Center	Durham	28	-2	0	0	26	28	83	74.1%	2.96
	34-2590	West Pettigrew Dialysis Center (FMC)	Durham	26	-5	0	0	21	26	78	75.0%	3.00
n/a	BMA of Briggs Avenue *	Durham	0	15	0	0	15					
EDGECOMBE	34-2577	Dialysis Care of Edgecombe Cnty.	Tarboro	15	0	5	0	20	15	53	88.3%	3.53
	34-2603	BMA of East Rocky Mount	Rocky Mount	15	0	4	0	19	15	54	90.0%	3.60
FORSYTH	34-2304	N. C. Baptist Hospitals, Inc.	Winston-Salem	4	0	0	0	4	4	10	62.5%	2.50
	34-2505	Piedmont Dialysis	Winston-Salem	50	0	0	0	50	72	240	83.3%	3.33
	34-2612	Northside Dialysis Center *	Winston-Salem	22	0	0	0	22				
	34-2569	Salem Kidney Center	Winston-Salem	64	0	0	0	64	64	199	77.7%	3.11
FRANKLIN	34-2571	Dialysis Care of Franklin County	Louisburg	16	0	2	0	18	16	52	81.3%	3.25
GASTON	34-2513	BMA of Gastonia	Gastonia	39	0	0	0	39	39	125	80.1%	3.21
	34-2595	BMA of Kings Mountain	Kings Mountain	10	6	0	0	16	10	36	90.0%	3.60
GATES							0					
GRAHAM							0					
GRANVILLE	34-2520	FMC Dialysis Serv. Neuse River	Oxford	23	0	0	0	23	23	68	73.9%	2.96
GREENE							0					
GUILFORD	34-2537	BMA of South Greensboro	Greensboro	47	2	0	0	49	37	146	98.6%	3.95
	34-2600	BMA of Southwest Greensboro	Greensboro	20	0	0	0	20	15	58	96.7%	3.87
	34-2504	Greensboro Kidney Center (BMA)	Greensboro	64	-30	0	7	41	69	265	96.0%	3.84
	n/a	BMA of Northwest Greensboro *	Greensboro	0	15	0	0	15				
	n/a	BMA East Greensboro Kidney Center*	Greensboro	0	20	0	0	20				
	34-2514	High Point Kidney Center	High Point	37	0	5	0	42	37	129	87.2%	3.49
34-2599	Triad Dialysis Center	High Point	11	0	2	0	13	11	34	77.3%	3.09	

\* Proposed new site composed of existing dialysis stations. Utilization of existing stations included with current location shown above.



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

(Inventory Compiled 12/21/01; Utilization Rates Calculated for 6/30/01)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12/21/01					Certified Stations 6/30/01	# In-Center Patients 6/30/01	Utilization Rates	
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			By Percent	Patients per Station
HALIFAX	34-2542	BMA of Roanoke Rapids	Roanoke Rapids	28	0	1	0	29	28	90	80.4%	3.21
	n/a	BMA of Halifax	Halifax	0	11	0	0	11	0	0	0.0%	0.00
HARNETT	34-2557	Dunn Kidney Center (BMA)	Dunn	30	0	0	0	30	30	93	77.5%	3.10
HAYWOOD	n/a	<i>(One application was submitted in response to the June 2001 County Need Determination.)</i>					11	11				
HENDERSON	34-2564	Hendersonville Dialysis Center, Inc.	Hendersonville	20	0	0	0	20	20	58	72.5%	2.90
HERTFORD	34-2570	Gambro Healthcare Ahoskie	Ahoskie	14	0	0	0	14	14	53	94.6%	3.79
HOKE	34-2579	Dialysis Care of Hoke County	Raeford	17	8	0	0	25	17	76	111.8%	4.47
HYDE								0				
IREDELL	34-2527	Statesville Dialysis Center Inc	Statesville	31	0	0	0	31	31	119	96.0%	3.84
	34-2606	Lake Norman Dialysis Center	Mooreville	10	0	0	0	10	10	40	100.0%	4.00
JACKSON	34-2556	Sylva Dialysis Center	Sylva	24	0	0	0	24	24	59	61.5%	2.46
JOHNSTON	34-2545	Smithfield Kidney Center (BMA)	Smithfield	13	0	0	0	13	13	39	75.0%	3.00
	34-2572	Johnston Dialysis Center, Inc. (BMA)	Smithfield	15	0	7	0	22	14	57	101.8%	4.07
JONES	n/a	BMA Jones County Dialysis Center	Trenton		10			10	0	0	0.0%	0.00
LEE	34-3500	Carolina Dialysis Sanford (UNC)	Sanford	16	8	0	0	24	16	99	154.7%	6.19
LENOIR	34-2518	Kinston Dialysis Unit (BMA Kinston)	Kinston	39	0	0	0	39	39	123	78.8%	3.15
	34-2609	FMC Vernon Dialysis*	Kinston	18	0	0	0	18	18	56	77.8%	3.11
LINCOLN	34-2568	BMA of Lincolnton	Lincolnton	17	0	0	0	17	17	43	63.2%	2.53
MCDOWELL								0				
MACON								0				
MADISON								0				
MARTIN	34-2584	Dialysis Care of Martin County	Williamston	21	0	2	0	23	21	81	96.4%	3.86
MECKLENBURG	34-2554	BMA-West Charlotte	Charlotte	19	0	0	0	19	18	60	83.3%	3.33
	34-2581	BMA of Beatties Ford (Metrolina)	Charlotte	16	10	0	0	26	16	57	89.1%	3.56
	34-2549	BMA of North Charlotte	Charlotte	14	0	3	0	17	14	55	98.2%	3.93
	34-2306	Carolina's Medical Center	Charlotte	9	0	0	0	9	9	8	22.2%	0.89
	34-2523	Gambro Healthcare South Charlotte	Matthews	17	-2	0	0	15	17	57	83.8%	3.35
	34-2552	Dialysis Care of Charlotte (Meck. Cnty.)	Charlotte	15	0	0	0	15	15	45	75.0%	3.00
	34-2591	TRC - Mecklenburg/University	Charlotte	20	0	0	0	20	20	55	68.8%	2.75
	34-2548	Gambro Healthcare Charlotte	Charlotte	24	-1	0	0	23	24	111	115.6%	4.63
	n/a	Gambro Healthcare East Charlotte *	Charlotte	0	10	0	0	10				
	34-2503	BMA of Charlotte	Charlotte	36	0	0	0	36	34	136	100.0%	4.00
	34-2605	BMA of East Charlotte	Charlotte	20	0	0	0	20	13	43	82.7%	3.31
34-2594	BMA of Nations Ford	Charlotte	14	0	0	0	14	14	40	71.4%	2.86	

\* Proposed new site composed of existing dialysis stations. Utilization of existing stations included with current location(s) shown above.

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

(Inventory Compiled 12/21/01; Utilization Rates Calculated for 6/30/01)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12/21/01					Certified Stations 6/30/01	# In-Center Patients 6/30/01	Utilization Rates	
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			By Percent	Patients per Station
MITCHELL								0				
MONTGOMERY	34-2583	Dialysis Care of Montgomery County	Troy	12	0	0	0	12	12	35	72.9%	2.92
MOORE	34-2555	Dialysis Care of Pinehurst (Moore Cnty.)	Pinehurst	32	0	7	0	39	32	115	89.8%	3.59
NASH	34-2517	Rocky Mount Kidney Center (BMA)	Rocky Mount	42	0	0	0	42	42	125	74.4%	2.98
NEW HANOVER	34-2511	Southeastern Dialysis Center Inc.	Wilmington	51	0	0	0	51	51	182	89.2%	3.57
NORTHAMPTON	34-2586	Rich Square Dialysis Unit (BMA Northampton)	Rich Square	14	0	0	0	14	14	48	85.7%	3.43
ONSLow	34-2532	Southeastern Dialysis Ctr. Jacksonville	Jacksonville	35	0	0	0	35	35	107	76.4%	3.06
ORANGE	34-3503	Carolina Dialysis Carrboro (UNC)	Carrboro	25	2	0	0	27	25	113	113.0%	4.52
PAMLICO								0				
PASQUOTANK	34-2515	Gambro Healthcare Elizabeth City	Elizabeth City	16	0	0	0	16	16	63	98.4%	3.94
PENDER	34-2558	Southeastern Dialysis Center Inc.	Burgaw	13	5	0	0	18	13	51	98.1%	3.92
PERQUIMANS								0				
PERSON	34-2562	Gambro Healthcare-Roxboro	Roxboro	11	9	0	0	20	11	55	125.0%	5.00
PITT	34-2502	Greenville Dialysis Center (BMA)	Greenville	43	0	0	0	43	39	137	87.8%	3.51
	34-2596	FMC Dialysis of East Carolina Univ.	Greenville	33	0	0	0	33	32	102	79.7%	3.19
POLK								0				
RANDOLPH	34-2524	Bio-Medical Applications of Asheboro	Asheboro	25	2	10	0	37	25	85	85.0%	3.40
RICHMOND	34-2539	Dialysis Care of Richmond County	Hamlet	21	0	0	0	21	21	51	60.7%	2.43
ROBESON	34-2528	BMA Lumberton Dialysis	Lumberton	37	-10	0	0	27	47	129	68.6%	2.74
	n/a	BMA of Fairmont *	Fairmont	0	10	0	0	10				
	34-2607	BMA of Red Springs *	Red Springs	20	0	0	0	20	10	37	92.5%	3.70
ROCKINGHAM	34-2536	Dialysis Care of Rockingham County	Eden	28	-3	0	5	30	28	95	84.8%	3.39
	n/a	Madison Dialysis Center *	Madison	0	10	0	0	10				
	n/a	BMA of Rockingham**	Reidsville	0	10	0	0	10				
	34-2574	Gambro Healthcare Reidsville	Reidsville	8	0	0	0	8	8	21	65.6%	2.63
ROWAN	34-2546	Dialysis Care of Rowan County	Salisbury	27	0	0	0	27	27	77	71.3%	2.85
	34-2592	TRC - Kannapolis/South Rowan	Kannapolis	20	0	0	-10	10	20	61	76.3%	3.05
RUTHERFORD	34-2566	Dialysis Care of Rutherford County	Forest City	22	0	0	0	22	22	63	71.6%	2.86
SAMPSON	34-2559	BMA of Clinton	Clinton	39	0	0	0	39	39	113	72.4%	2.90

\* Proposed new site composed of existing dialysis stations. Utilization of existing stations included with current location shown above.

\*\* Proposed new site composed of existing dialysis stations. Utilization of existing stations is shown with "Greensboro Kidney Center" in Guilford County.

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

(Inventory Compiled 12/21/01; Utilization Rates Calculated for 6/30/01)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12/21/01					Certified Stations 6/30/01	# In-Center Patients 6/30/01	Utilization Rates	
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			By Percent	Patients per Station
SCOTLAND	34-2540	BMA of Laurinburg	Laurinburg	20	0	1	0	21	20	78	97.5%	3.90
STANLY	34-2565	BMA of Albemarle	Albemarle	16	0	0	0	16	16	51	79.7%	3.19
STOKES								0				
SURRY	34-2551	Mt. Airy Dialysis Center	Mt. Airy	26	-10	0	0	16	26	72	69.2%	2.77
	n/a	Elkin Dialysis Center *	Elkin	0	10	0	0	10				
SWAIN	34-2602	Cherokee Dialysis Center	Cherokee	14	0	0	0	14	14	36	64.3%	2.57
TRANSYLVANIA								0				
TYRRELL								0				
UNION	34-2525	Metrolina Kidney Center (BMA Monroe)	Monroe	16	5	0	0	21	16	57	89.1%	3.56
	34-2526	Gambro Healthcare Union County	Monroe	16	5	0	0	21	16	94	146.9%	5.88
VANCE	34-2543	Gambro Healthcare-Henderson	Henderson	33	0	0	0	33	33	151	114.4%	4.58
WAKE	34-2544	Cary Kidney Center (BMA)	Cary	18	6	0	0	24	18	61	84.7%	3.39
	34-2512	Raleigh Clinic Dialysis (BMA)	Raleigh	43	0	0	3	46	43	157	91.3%	3.65
	34-2608	BMA of Fuquay Varina *	Fuquay-Varina	12	0	0	0	12	12	31	64.6%	2.58
	34-2589	Zebulon Kidney Center (BMA)	Zebulon	9	4	0	0	13	9	35	97.2%	3.89
	34-2522	Wake Dialysis Clinic	Raleigh	48	-5	0	0	43	48	175	91.1%	3.65
	n/a	BMA of Southwest Wake *	Raleigh	0	15	0	0	15				
WARREN	n/a	FMC Dialysis Services of Warren Hills	Warrenton	0	10	0	0	10	0	0	0.0%	0.00
WASHINGTON	n/a	BMA of Plymouth	Plymouth	0	0	11	0	11	0	0	0.0%	0.00
WATAUGA	34-2311	Watauga Kidney Dialysis Center	Boone	10	0	0	0	10	10	36	90.0%	3.60
WAYNE	34-2531	Gambro Healthcare-Goldsboro	Goldsboro	25	0	0	0	25	25	83	83.0%	3.32
	34-2587	Gambro Healthcare-Goldsboro South	Goldsboro	16	0	0	0	16	16	64	100.0%	4.00
	34-2573	Gambro Healthcare-Mount Olive	Mount Olive	11	0	0	0	11	11	44	100.0%	4.00
	34-2576	Dialysis Care of Wayne County	Goldsboro	11	0	0	0	11	11	25	56.8%	2.27
WILKES	34-2313	Wilkes Regional Dialysis Center	N. Wilkesboro	10	0	0	0	10	10	33	82.5%	3.30
WILSON	34-2507	Gambro Healthcare-Wilson	Wilson	40	0	0	0	40	40	137	85.6%	3.43
YADKIN								0				
YANCEY								0				
<b>STATE TOTALS</b>				<b>2,652</b>	<b>181</b>	<b>103</b>	<b>36</b>	<b>2,972</b>	<b>2,592</b>	<b>8,886</b>		

\* Proposed new site composed of existing dialysis stations. Utilization of existing stations included with current location shown above.

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**Table B: ESRD Dialysis Station Need Determinations by County**

COUNTY	12/31/1996 Total Patients	12/31/1997 Total Patients	12/31/1998 Total Patients	12/31/1999 Total Patients	12/31/2000 Total Patients	Average Annual Change Rate for Past Five Years	6/30/2001 Total Patients	Projected 6/30/2002 Total Patients	6/30/2001 Home Patients	6/30/2001 % Home Patients	Projected 6/30/2002 Home Patients	Projected 6/30/2002 In-Center Patients	Projected 6/30/02 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Alamance	115	131	139	150	166	0.097	171	187.5	7	4.1%	7.7	179.8	56	57	Surplus of 1	0
Alexander	18	16	21	18	22	0.070	25	26.8	4	16.0%	4.3	22.5	7	0	7	0
Alleghany	4	4	5	6	9	0.238	10	12.4	3	30.0%	3.7	8.7	3	0	3	0
Anson	36	39	45	41	53	0.110	59	65.5	5	8.5%	5.6	60.0	19	13	6	0
Ashe	11	12	12	11	11	0.002	9	9.0	1	11.1%	1.0	8.0	3	0	3	0
Avery	5	7	7	8	9	0.167	11	12.8	2	18.2%	2.3	10.5	3	0	3	0
Beaufort	55	57	68	73	90	0.134	85	96.4	16	18.8%	18.1	78.2	24	25	Surplus of 1	0
Bertie	38	46	50	49	52	0.085	52	56.4	3	5.8%	3.3	53.1	17	16	1	0
Bladen	46	42	42	44	55	0.053	51	53.7	4	7.8%	4.2	49.5	15	17	Surplus of 2	0
Brunswick	49	53	56	62	70	0.094	68	74.4	13	19.1%	14.2	60.1	19	11	8	0
Buncombe	133	160	163	167	181	0.083	185	200.3	30	16.2%	32.5	167.8	52	48	4	0
Burke	57	62	63	70	83	0.100	80	88.0	19	23.8%	20.9	67.1	21	25	Surplus of 4	0
Cabarrus	112	96	108	143	152	0.092	156	170.4	15	9.6%	16.4	154.0	48	40	8	0
Caldwell	74	68	91	89	98	0.084	93	100.8	13	14.0%	14.1	86.7	27	29	Surplus of 2	0
Camden	8	9	11	11	11	0.087	14	15.2	1	7.1%	1.1	14.1	4	0	4	0
Carteret	25	32	37	29	35	0.107	39	43.2	1	2.6%	1.1	42.1	13	15	Surplus of 2	0
Caswell	29	33	35	40	34	0.048	34	35.6	4	11.8%	4.2	31.4	10	10	0	0
Catawba	97	101	113	130	134	0.085	133	144.3	27	20.3%	29.3	115.0	36	43	Surplus of 7	0
Chatham	52	51	58	49	53	0.011	52	52.6	5	9.6%	5.1	47.5	15	19	Surplus of 4	0
Cherokee	7	12	11	12	13	0.201	15	18.0	4	26.7%	4.8	13.2	4	0	4	0
Chowan	22	30	37	33	35	0.137	33	37.5	3	9.1%	3.4	34.1	11	17	Surplus of 6	0
Clay	5	5	6	8	6	0.071	6	6.4	1	16.7%	1.1	5.4	2	0	2	0
Cleveland	87	96	114	133	147	0.141	156	178.0	27	17.3%	30.8	147.2	46	41	5	0
Columbus	67	75	88	86	104	0.120	101	113.1	8	7.9%	9.0	104.1	33	25	8	0
Craven	94	103	122	143	145	0.117	155	173.1	3	1.9%	3.3	169.7	53	67	Surplus of 14	0
Cumberland	253	299	330	323	382	0.112	418	464.7	46	11.0%	51.1	413.6	129	109	20	0*
Currituck	6	7	6	8	7	0.058	9	9.5	0	0.0%	0.0	9.5	3	0	3	0
Dare	15	13	15	25	20	0.122	16	17.9	3	18.8%	3.4	14.6	5	9	Surplus of 4	0
Davidson	88	93	100	115	130	0.103	145	160.0	15	10.3%	16.5	143.4	45	37	8	0
Davie	12	16	16	16	19	0.130	24	27.1	6	25.0%	6.8	20.3	6	0	6	0
Duplin	64	73	88	88	104	0.132	111	125.6	9	8.1%	10.2	115.5	36	34	2	0
Durham	257	271	301	333	378	0.102	376	414.2	17	4.5%	18.7	395.5	124	125	Surplus of 1	0
Edgecombe	111	118	108	107	121	0.025	131	134.3	12	9.2%	12.3	122.0	38	39	Surplus of 1	0
Forsyth	348	394	407	412	442	0.063	458	486.7	50	10.9%	53.1	433.5	135	140	Surplus of 5	0
Franklin	60	58	56	65	61	0.008	60	60.5	1	1.7%	1.0	59.5	19	18	1	0
Gaston	148	147	164	189	182	0.056	182	192.2	29	15.9%	30.6	161.6	50	55	Surplus of 5	0
Gates	12	13	14	12	17	0.109	18	20.0	0	0.0%	0.0	20.0	6	0	6	0
Graham	5	4	9	7	9	0.278	12	15.3	2	16.7%	2.6	12.8	4	0	4	0

\* Pursuant to 10 NCAC 03R .6376(b)(1)(E), the need determination is zero because a facility in this county was operating below 80% utilization (see "Utilization Rates" in Table A).

Table B: ESRD Dialysis Station Need Determinations by County

COUNTY	12/31/1996 Total Patients	12/31/1997 Total Patients	12/31/1998 Total Patients	12/31/1999 Total Patients	12/31/2000 Total Patients	Average Annual Change Rate for Past Five Years	6/30/2001 Total Patients	Projected 6/30/2002 Total Patients	6/30/2001 Home Patients	6/30/2001 % Home Patients	Projected 6/30/2002 Home Patients	Projected 6/30/2002 In-Center Patients	Projected 6/30/02 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Granville	56	67	75	76	74	0.076	82	88.2	7	8.5%	7.5	80.7	25	23	2	0
Greene	21	29	21	24	23	0.052	28	29.4	3	10.7%	3.2	26.3	8	0	8	0
Guilford	425	462	491	529	580	0.081	608	657.2	44	7.2%	47.6	609.6	191	200	Surplus of 9	0
Halifax	91	103	108	110	116	0.063	114	121.2	5	4.4%	5.3	115.9	36	40	Surplus of 4	0
Harnett	77	89	83	84	98	0.067	106	113.1	12	11.3%	12.8	100.3	31	30	1	0
Haywood	28	37	30	25	41	0.151	48	55.3	8	16.7%	9.2	46.1	14	11	3	0
Henderson	42	45	48	50	53	0.060	58	61.5	16	27.6%	17.0	44.5	14	20	Surplus of 6	0
Hertford	38	32	36	49	45	0.062	48	51.0	4	8.3%	4.2	46.7	15	14	1	0
Hoke	45	52	61	58	63	0.091	61	66.6	3	4.9%	3.3	63.3	20	25	Surplus of 5	0
Hyde	7	6	8	7	10	0.124	11	12.4	2	18.2%	2.2	10.1	3	0	3	0
Iredell	99	113	124	140	149	0.108	162	179.5	21	13.0%	23.3	156.2	49	41	8	0
Jackson	22	29	26	15	17	-0.019	23	22.6	1	4.3%	1.0	21.6	7	24	Surplus of 17	0
Johnston	108	112	103	110	122	0.033	137	141.6	11	8.0%	11.4	130.2	41	35	6	0
Jones	19	19	19	26	20	0.034	23	23.8	1	4.3%	1.0	22.8	7	10	Surplus of 3	0
Lee	75	92	96	100	99	0.075	98	105.4	17	17.3%	18.3	87.1	27	24	3	0
Lenoir	125	129	137	155	170	0.081	176	190.2	16	9.1%	17.3	172.9	54	57	Surplus of 3	0
Lincoln	25	28	34	34	33	0.076	34	36.6	3	8.8%	3.2	33.4	10	17	Surplus of 7	0
Macon	10	8	15	13	17	0.212	18	21.8	10	55.6%	12.1	9.7	3	0	3	0
Madison	5	5	10	4	7	0.288	6	7.7	0	0.0%	0.0	7.7	2	0	2	0
Martin	39	47	52	66	68	0.153	74	85.3	4	5.4%	4.6	80.7	25	23	2	0
McDowell	21	23	26	25	28	0.077	27	29.1	5	18.5%	5.4	23.7	7	0	7	0
Mecklenburg	512	547	625	605	702	0.085	736	798.4	99	13.5%	107.4	691.0	216	224	Surplus of 8	0
Mitchell	5	3	6	10	9	0.292	9	11.6	1	11.1%	1.3	10.3	3	0	3	0
Montgomery	38	40	50	40	42	0.038	39	40.5	2	5.1%	2.1	38.4	12	12	0	0
Moore	71	78	84	97	117	0.134	119	135.0	5	4.2%	5.7	129.3	40	39	1	0
Nash	76	95	108	117	123	0.130	125	141.3	14	11.2%	15.8	125.5	39	42	Surplus of 3	0
New Hanover	131	151	150	155	140	0.021	158	161.3	17	10.8%	17.4	143.9	45	51	Surplus of 6	0
Northampton	39	41	51	52	58	0.108	56	62.0	6	10.7%	6.6	55.4	17	14	3	0
Onslow	71	76	97	101	108	0.114	106	118.1	6	5.7%	6.7	111.4	35	35	0	0
Orange	83	73	78	76	85	0.010	96	97.0	4	4.2%	4.0	92.9	29	27	2	0
Pamlico	12	10	16	19	16	0.116	14	15.6	0	0.0%	0.0	15.6	5	0	5	0
Pasquotank	40	45	49	50	46	0.039	49	50.9	9	18.4%	9.3	41.5	13	16	Surplus of 3	0
Pender	48	52	52	53	61	0.063	67	71.2	9	13.4%	9.6	61.7	19	18	1	0
Perquimans	14	14	13	12	13	-0.016	12	11.8	1	8.3%	1.0	10.8	3	0	3	0
Person	42	50	59	60	69	0.134	66	74.9	3	4.5%	3.4	71.5	22	20	2	0
Pitt	180	187	188	204	206	0.035	223	230.8	31	13.9%	32.1	198.7	62	76	Surplus of 14	0
Polk	17	18	13	14	18	0.036	16	16.6	2	12.5%	2.1	14.5	5	0	5	0
Randolph	70	72	76	73	101	0.107	104	115.1	6	5.8%	6.6	108.5	34	37	Surplus of 3	0

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**Table B: ESRD Dialysis Station Need Determinations by County**

COUNTY	12/31/1996 Total Patients	12/31/1997 Total Patients	12/31/1998 Total Patients	12/31/1999 Total Patients	12/31/2000 Total Patients	Average Annual Change Rate for Past Five Years	6/30/2001 Total Patients	Projected 6/30/2002 Total Patients	6/30/2001 Home Patients	6/30/2001 % Home Patients	Projected 6/30/2002 Home Patients	Projected 6/30/2002 In-Center Patients	Projected 6/30/02 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Richmond	65	60	76	75	69	0.024	70	71.7	7	10.0%	7.2	64.5	20	21	Surplus of 1	0
Robeson	161	171	191	201	223	0.085	242	262.6	19	7.9%	20.6	242.0	76	57	19	0*
Rockingham	96	114	126	139	152	0.122	151	169.5	11	7.3%	12.3	157.1	49	58	Surplus of 9	0
Rowan	93	105	125	118	131	0.093	135	147.6	30	22.2%	32.8	114.8	36	37	Surplus of 1	0
Rutherford	45	60	60	57	67	0.115	70	78.0	7	10.0%	7.8	70.2	22	22	0	0
Sampson	97	104	104	107	108	0.028	109	112.0	6	5.5%	6.2	105.8	33	39	Surplus of 6	0
Scotland	51	43	41	44	50	0.002	57	57.1	5	8.8%	5.0	52.1	16	21	Surplus of 5	0
Stanly	32	46	44	44	50	0.133	58	65.7	4	6.9%	4.5	61.2	19	16	3	0
Stokes	19	17	17	24	27	0.108	31	34.3	6	19.4%	6.6	27.7	9	0	9	0
Surry	46	52	62	59	51	0.035	58	60.0	7	12.1%	7.2	52.8	16	26	Surplus of 10	0
Swain	27	24	26	3	29	1.939	32	94.0	5	15.6%	14.7	79.3	25	14	11	0*
Transylvania	18	21	17	20	22	0.063	23	24.5	6	26.1%	6.4	18.1	6	0	6	0
Tyrrell	3	3	1	5	3	0.733	1	1.7	0	0.0%	0.0	1.7	1	0	1	0
Union	60	76	91	88	100	0.142	114	130.2	10	8.8%	11.4	118.8	37	42	Surplus of 5	0
Vance	92	94	101	108	112	0.051	114	119.8	2	1.8%	2.1	117.7	37	33	4	0
Wake	381	416	438	471	509	0.075	541	581.7	83	15.3%	89.2	492.4	154	153	1	0
Warren	20	19	24	32	34	0.152	40	46.1	0	0.0%	0.0	46.1	14	10	4	0
Washington	20	20	27	30	35	0.157	39	45.1	4	10.3%	4.6	40.5	13	11	2	0
Watauga	18	16	15	18	21	0.048	24	25.2	2	8.3%	2.1	23.1	7	10	Surplus of 3	0
Wayne	202	207	230	226	226	0.030	227	233.7	30	13.2%	30.9	202.8	63	63	0	0
Wilkes	31	35	31	36	40	0.072	47	50.4	11	23.4%	11.8	38.6	12	10	2	0
Wilson	120	121	125	124	137	0.035	144	149.0	17	11.8%	17.6	131.4	41	40	1	0
Yadkin	17	16	12	18	22	0.103	18	19.9	4	22.2%	4.4	15.4	5	0	5	0
Yancey	10	11	12	12	9	-0.015	9	8.9	3	33.3%	3.0	5.9	2	0	2	0
Unknowns	254	78	166	47	30		13									
State Totals	7,430	7,854	8,596	8,849	9,644		10,057		1,096	10.9%						0

\* Pursuant to 10 NCAC 3R .6376(b)(1)(E), the need determination is zero because a facility in this county was operating below 80% utilization (see "Utilization Rates" in Table A).



**Table C: Need Determinations for New Dialysis Stations by County**

(Based on the "County Need" Methodology -- January, 2002)

COUNTY	HSA	Number of New Dialysis Stations Needed	Certificate of Need Application Due Date *	Certificate of Need Beginning Review Date
Application of the "County Need" Methodology resulted in no dialysis station need determinations for the January 2002 Semiannual Dialysis Report.				

\* Application Due Dates are absolute deadlines. The filing deadline is 5:00 p.m. on the Application Due Date. The filing deadline is absolute.

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