

January 2003 North Carolina Semiannual Dialysis Report

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Division of Facility Services

NC Department of Health and Human Services

Under the direction of the

North Carolina State Health Coordinating Council

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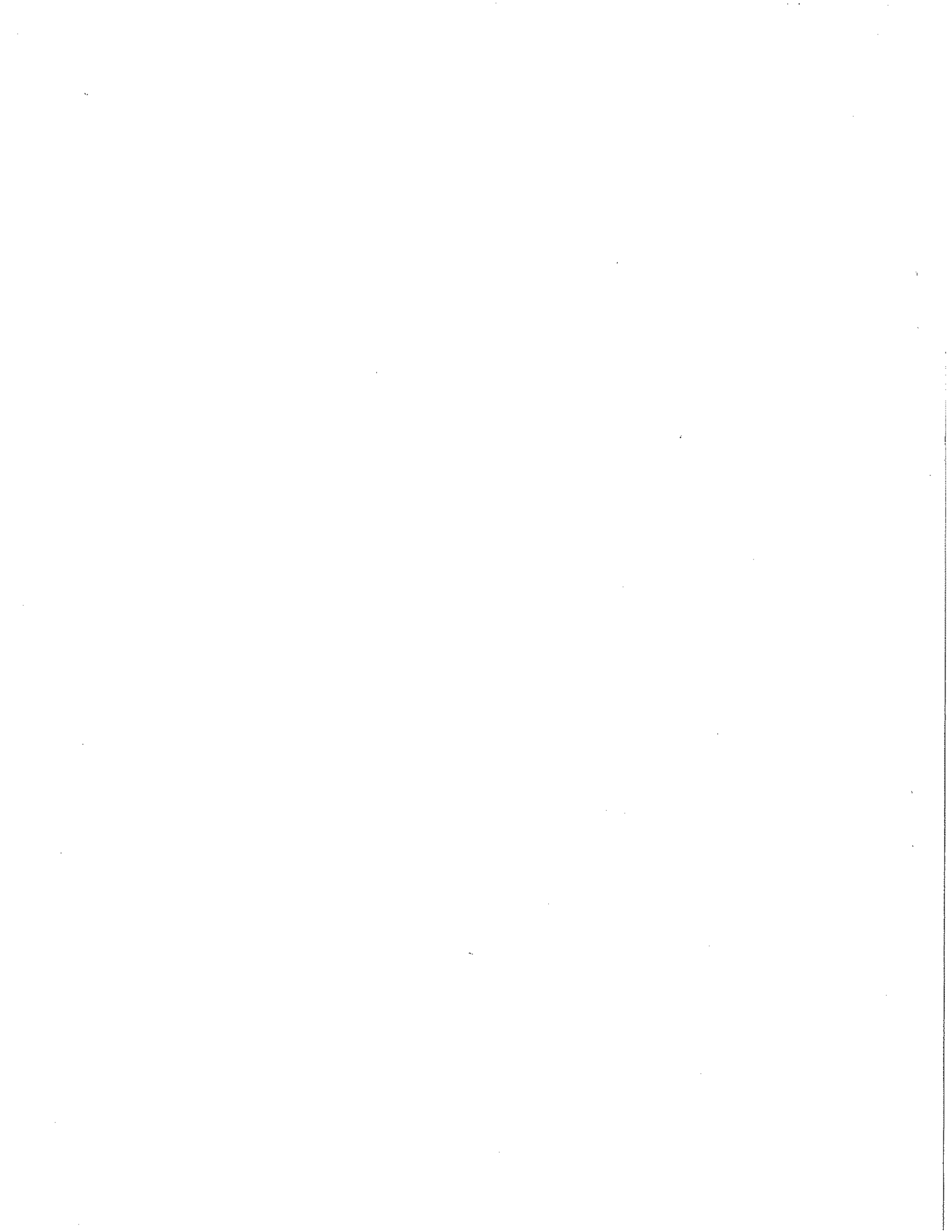
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END-STAGE RENAL DISEASE DIALYSIS FACILITIES

January 2003 Semiannual Dialysis Report

Introduction

The 2003 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 2003 Plan specifies that the Semiannual Dialysis Reports "...will use facility, station and active patient data as of June 30, 2002 for the January 2003 SDR, and as of December 31, 2002 for the July 2003 SDR. A new five-year trend line will be established in the July 2003 SDR, based on validated data as reported to the Centers for Medicare and Medicaid Services (CMS) for the time period ending December 31, 2002." This document is the January 2003 SDR. It reiterates the methodology and presents need determinations for the Certificate of Need Review beginning April 1, 2003.

Summary of Dialysis Station Supply and Utilization

For purposes of the Semiannual Dialysis Report, as of December 12, 2002 there were 123 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 2,875 dialysis stations. Certificates of need had been issued for an additional 176 dialysis stations, but the stations were not yet certified. Another 119 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, 2002 are presented in the final two columns of Table A. Of the 121 certified facilities operational on that date, 72 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, N. C. Department of Health and Human Services.

Dialysis Patient Data:

Data on the dialysis population by county and by facility as of June 30, 2002 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, 2002 were provided by the SEKC on November 22, 2002. The SEKC noted that these figures reflect data submitted to it by dialysis facilities in Network 6 and were current as of the report date. The SEKC stated that these data 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 31st of 1997, 1998, 1999, 2000 and 2001 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, 2002 regardless of the county or state of each patient's residence. These figures were also provided by the SEKC on November 22, 2002. Again, the SEKC noted that these figures reflect data provided to it by dialysis facilities in Network 6 and were current as of the report date. The SEKC also stated that these figures are subject to change.

Method for Projection of New Dialysis Station Need

The 2003 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 2003 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.
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 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 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 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 N. C. 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; and
 - c. Services in rural, remote areas.

Methodology

Need for new dialysis stations shall be determined as follows:

- (1) County Need (*for the January 2003 SDR – Using the trend line ending with 12/31/01 data*)
 - (A) The average annual rate (%) of change in total number of dialysis patients resident in each county from the end of 1997 to the end of 2001 is multiplied by the county's June 30, 2002 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, 2003 patients.
 - (B) The percent of each county's total patients who were home dialysis patients on June 30, 2002 is multiplied by the county's projected total June 30, 2003 patients, and the product is subtracted from the county's projected total June 30, 2003 patients. The remainder is the county's projected June 30, 2003 in-center dialysis patients.
 - (C) The projected number of each county's June 30, 2003 in-center patients is divided by 3.2. The quotient is the projection of the county's June 30, 2003 in-center dialysis stations.

- (D) From each county's projected number of June 30, 2003 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, 2003 projected station surplus or deficit.
- (E) If a county's June 30, 2003 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, 2003 county station need determination is the same as the June 30, 2003 projected station deficit. If a county's June 30, 2003 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, 2003 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 (SDR₁) is subtracted from the number of in-center dialysis patients reported in the current SDR (SDR₂). 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 SDR₁ 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, 2002 until December 31, 2002*) for the January 2, 2003 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 2003 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 2003 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, 2002	Nov. 12, 2002	January 2, 2003	March 17, 2003	April 1, 2003
Dec. 31, 2002	May 12, 2003	July 1, 2003	September 15, 2003	October 1, 2003

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. This document is the January 2003 SDR. Applications in response to this report must be received no later than 5:00 p.m. on March 17, 2003. The filing deadline is absolute.

Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates
(Inventory Compiled 12/12/02; Utilization Rates Calculated for 6/30/02)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12/12/02				Certified Stations 6/30/02	# In-Center Patients 6/30/02	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	3	2	0	35	30	103	85.8%	3.43
	34-2567	Burlington Dialysis Center	Burlington	27	0	0	0	27	27	67	62.0%	2.48
ALEXANDER								0				
ALLEGHANY								0				
ANSON	34-2560	Dialysis Care of Anson County	Wadesboro	13	0	0	0	13	13	27	51.9%	2.08
ASHE								0				
AVERY								0				
BEAUFORT	34-2561	BMA of Pamlico	Washington	25	0	0	0	25	25	70	70.0%	2.80
BERTIE	34-2547	Windsor Dialysis Unit (BMA)	Windsor	16	0	0	0	16	16	43	67.2%	2.69
BLADEN	34-2578	Southeastern Dialysis Center, Inc.	Elizabethtown	17	0	0	0	17	17	48	70.6%	2.82
BRUNSWICK	34-2582	Southeastern Dialysis Center, Inc.	Shalotte	11	0	0	0	11	11	34	77.3%	3.09
BUNCOMBE	34-2506	Asheville Kidney Center	Asheville	36	0	0	0	36	36	158	109.7%	4.39
	n/a	Black Mountain Dialysis Center *	Black Mtn.	0	10	0	0	10				
	34-2604	Weaverville Dialysis Center	Weaverville	20	0	0	0	20	20	74	92.5%	3.70
BURKE	34-2563	BMA of Burke County	Morganton	17	8	0	0	25	15	64	106.7%	4.27
CABARRUS	34-2519	Metrolina Kidney Center (BMA-Concord)	Concord	30	0	0	0	30	30	86	71.7%	2.87
	n/a	BMA of Kannapolis **	Kannapolis	0	0	0	0	0				
	n/a	Concord Dialysis Center ***	Concord	0	10	0	0	10				
CALDWELL	34-2509	BMA-Lenoir (Northwestern Dialysis)	Lenoir	29	0	0	0	29	29	89	76.7%	3.07
CAMDEN												
CARTERET	34-2588	Crystal Coast Dialysis Unit (BMA)	Morehead City	18	2	0	0	20	15	65	108.3%	4.33
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	-2	0	0	31	33	115	87.1%	3.48
	n/a	FMC Catawba Valley Dialysis *	Conover	0	12	0	0	12				
CHATHAM	34-3501	Carolina Dialysis Siler City (34-2621)	Siler City	9	0	0	0	9	9	36	100.0%	4.00
	34-2617	Carolina Dialysis -Pittsboro	Pittsboro	10	0	0	0	10	10	3	7.5%	0.30
CHEROKEE												
CHOWAN	34-2541	Gambro Healthcare Edenton	Edenton	17	0	0	0	17	17	49	72.1%	2.88
CLAY												
CLEVELAND	34-2529	Dialysis Clinic, Inc. (DCI Shelby)	Shelby	29	0	0	0	29	29	95	81.9%	3.28
	34-2611	DCI Kings Mountain	Kings Mtn.	12	0	0	0	12	12	26	54.2%	2.17
COLUMBUS	34-2521	Southeastern Dialysis Center	Whiteville	25	-10	0	6	21	25	84	84.0%	3.36
	n/a	Chadbourne Dialysis Center *	Chadbourne	0	10	0	0	10				

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

** The certificate of need to relocate 10 stations from BMA-Concord was relinquished on June 25, 2002.

*** 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 12/12/02; Utilization Rates Calculated for 6/30/02)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12/12/02				Certified Stations 6/30/02	# In-Center Patients 6/30/02	Utilization Rates	
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending			TOTAL	Percent
CRAVEN	34-2534	New Bern Dialysis Unit (BMA)	New Bern	39	0	0	0	39	113	72.4%	2.90
	34-2585	FMC Craven County (Dialysis Care of...)	New Bern	29	0	0	0	29	61	52.6%	2.10
CUMBERLAND	34-2510	Fayetteville Kidney Center Inc. (BMA)	Fayetteville	41	-15	0	0	26	41	82.3%	3.29
	n/a	FMC Dialysis Services of West Fayetteville *	Fayetteville	0	15	0	0	15			
	34-2593	FMC Dialysis Services-North Ramsey (BMA)	Fayetteville	30	0	10	0	40	30	85.8%	3.43
	34-2601	FMC Dialysis Services-South Ramsey (BMA)	Fayetteville	38	0	0	0	38	114	75.0%	3.00
CURRITUCK											
DARE	34-2598	Dare County/Outer Banks Dialysis Clinic	Nags Head	9	0	0	0	9	18	50.0%	2.00
DAVIDSON	34-2553	Lexington Dialysis Center (WFU)	Lexington	37	9	0	-10	36	37	73.6%	2.95
	n/a	Thomasville Dialysis Center *	Thomasville	0	0	0	10	10			
DAVIE											
DUPLIN	34-2535	Southeastern Dialysis Ctr. Kenansville	Kenansville	16	4	0	0	20	16	106.3%	4.25
	n/a	Total Renal Care	Warsaw	0	14	0	0	14	0	0.0%	0.00
DURHAM	34-2302	Duke University Hospital ESRD Unit	Durham	16	0	0	0	16	16	71.9%	2.88
	34-2550	Gambro Healthcare-Durham	Durham	27	0	0	0	27	27	113.9%	4.56
	34-2616	Gambro Healthcare Durham-West	Durham	20	0	0	0	20	29	36.3%	1.45
	34-2538	Freedom Lake Dialysis Center	Durham	26	0	0	0	26	26	83.7%	3.35
	34-2590	West Pettigrew Dialysis Center (FMC)	Durham	21	0	0	0	21	21	91.7%	3.67
	34-2615	FMC Dialysis Services of Briggs Avenue	Durham	15	0	0	0	15	15	56.7%	2.27
EDGECOMBE	34-2577	Dialysis Care of Edgecombe Cnty.	Tarboro	20	0	0	0	20	20	65.0%	2.60
	34-2603	BMA of East Rocky Mount	Rocky Mount	21	0	0	0	21	21	86.9%	3.48
FORSYTH	34-2304	N. C. Baptist Hospitals, Inc.	Winston-Salem	4	0	0	0	4	4	25.0%	1.00
	34-2505	Piedmont Dialysis	Winston-Salem	50	0	0	0	50	166	83.0%	3.32
	34-2612	Northside Dialysis Center (WFU)	Winston-Salem	22	0	0	0	22	77	87.5%	3.50
	34-2569	Salem Kidney Center (WFU)	Winston-Salem	64	0	0	0	64	64	80.9%	3.23
FRANKLIN	34-2571	Dialysis Care of Franklin County	Louisburg	18	0	0	4	22	18	88.9%	3.56
GASTON	34-2513	BMA of Gastonia	Gastonia	39	0	0	0	39	39	88.5%	3.54
	34-2595	BMA of Kings Mountain	Kings Mountain	16	0	0	0	16	16	45.3%	1.81
GATES											
GRAHAM											
GRANVILLE	34-2520	FMC Dialysis Serv. Neuse River	Oxford	23	0	0	0	23	74	80.4%	3.22
GREENE	n/a	Three applications were submitted in response to the July 2002 County Need Determination									
GUILFORD	34-2537	BMA of South Greensboro	Greensboro	49	-5	0	0	44	49	81.6%	3.27
	34-2600	BMA of Southwest Greensboro	Jamestown	20	0	6	0	26	20	101.3%	4.05
	34-2604	Greensboro Kidney Center (BMA)	Greensboro	64	-25	0	0	39	64	78.5%	3.14
	34-2613	Northwest Greensboro Kidney Center (BMA)	Greensboro	15	0	0	0	15	15	71.7%	2.87
	n/a	BMA East Greensboro Kidney Center*	Greensboro	0	30	0	0	30			
	34-2514	High Point Kidney Center (WFU)	High Point	42	0	0	0	42	42	78.0%	3.12
34-2599	Triad Dialysis Center (WFU)	High Point	13	0	7	0	20	13	94.2%	3.77	

* 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 12/12/02; Utilization Rates Calculated for 6/30/02)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12/12/02				Certified Stations 6/30/02	# In-Center Patients 6/30/02	Utilization Rates		
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending			TOTAL	Percent	Patients per Station
HALIFAX	34-2542	BMA of Roanoke Rapids	Roanoke Rapids	29	0	0	0	29	93	80.2%	3.21	
	34-2619	FMC Dialysis of Halifax County (BMA)	Halifax	11	0	0	0	11	0	0.0%	0.00	
HARNETT	34-2557	Dunn Kidney Center (BMA)	Dunn	30	0	0	0	30	98	81.7%	3.27	
HAYWOOD	n/a	Waynesville Dialysis Center	Waynesville	0	11	0	0	11	0	0.0%	0.00	
HENDERSON	34-2564	Hendersonville Dialysis Center, Inc.	Hendersonville	20	0	0	0	20	80	100.0%	4.00	
HERTFORD	34-2570	Gambro Healthcare Ahoskie	Ahoskie	17	0	0	0	17	14	105.4%	4.21	
HOKE	34-2579	Dialysis Care of Hoke County	Raeford	25	0	0	8	33	17	126.5%	5.06	
HYDE								0				
IREDELL	34-2527	Statesville Dialysis Center Inc. (WFU)	Statesville	39	-10	0	0	29	31	115	92.7%	3.71
	n/a	West Iredell Dialysis Center *	Statesville	0	10	0	0	10				
	34-2606	Lake Norman Dialysis Center (WFU)	Mooreville	10	8	0	0	18	10	40	100.0%	4.00
JACKSON	34-2556	Sylva Dialysis Center	Sylva	24	0	0	0	24	24	55	57.3%	2.29
JOHNSTON	34-2545	Smithfield Kidney Center (BMA)	Smithfield	13	0	0	0	13	13	47	90.4%	3.62
	34-2572	Johnston Dialysis Center, Inc. (BMA)	Smithfield	15	10	0	0	25	15	55	91.7%	3.67
JONES	n/a	BMA Jones County Dialysis Center	Trenton	0	10	0	0	10	0	0	0.0%	0.00
LEE	34-3500	Carolina Dialysis Sanford (UNC) (34-2620)	Sanford	24	0	0	0	24	24	106	110.4%	4.42
LENOIR	34-2518	Kinston Dialysis Unit (BMA Kinston)	Kinston	39	0	0	0	39	39	129	82.7%	3.31
	34-2609	FMC Vernon Dialysis	Kinston	18	0	0	0	18	18	68	94.4%	3.78
LINCOLN	34-2568	BMA of Lincolnton	Lincolnton	17	0	0	0	17	17	46	67.6%	2.71
MCDOWELL								0				
MACON								0				
MADISON								0				
MARTIN	34-2584	Dialysis Care of Martin County	Williamston	23	0	0	0	23	23	68	73.9%	2.96
MECKLENBURG	34-2554	BMA-West Charlotte	Charlotte	19	10	0	0	29	19	63	82.9%	3.32
	34-2581	BMA of Beatties Ford (Metrolina)	Charlotte	16	10	0	0	26	16	62	96.9%	3.88
	34-2549	BMA of North Charlotte	Charlotte	17	0	0	0	17	17	59	86.8%	3.47
	34-2306	Carolina's Medical Center	Charlotte	9	0	0	0	9	9	5	13.9%	0.56
	34-2523	Gambro Healthcare South Charlotte	Matthews	17	-2	0	0	15	17	76	111.8%	4.47
	34-2552	Dialysis Care of Charlotte (Meck. Cnty.)	Charlotte	15	0	0	0	15	15	47	78.3%	3.13
	34-2591	TRC - Mecklenburg/University	Charlotte	20	0	0	0	20	20	55	68.8%	2.75
	34-2548	Gambro Healthcare Charlotte	Charlotte	31	-8	0	0	23	31	129	104.0%	4.16
	n/a	Gambro Healthcare East Charlotte *	Charlotte	0	10	0	0	10				
	34-2503	BMA of Charlotte	Charlotte	36	0	0	0	36	36	134	93.1%	3.72
34-2605	BMA of East Charlotte	Charlotte	20	0	0	0	20	20	54	67.5%	2.70	
34-2594	BMA of Nations Ford	Charlotte	14	0	0	0	14	14	43	76.8%	3.07	

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

Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates
 (Inventory Compiled 12/12/02; Utilization Rates Calculated for 6/30/02)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12/12/02				Certified Stations 6/30/02	# In-Center Patients 6/30/02	Utilization Rates	
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending			TOTAL	Percent
MITCHELL											
MONTGOMERY	34-2583	Dialysis Care of Montgomery County	Troy	12	0	0	0	12		77.1%	3.08
MOORE	34-2555	Dialysis Care of Pinehurst (Moore Cnty.)	Pinehurst	39	0	0	-10	29	125	80.1%	3.21
	n/a	Southern Pines Dialysis Center *	Southern Pines	0	0	0	10	10			
NASH	34-2517	Rocky Mount Kidney Center (BMA)	Rocky Mount	42	0	0	0	42	142	84.5%	3.38
	n/a	FMC Dialysis Services of Spring Hope *	Spring Hope	0	0	10	0	10			
NEW HANOVER	34-2511	Southeastern Dialysis Center Inc.	Wilmington	51	6	0	0	57	172	84.3%	3.37
NORTHAMPTON	34-2586	Rich Square Dialysis Unit (BMA Northampton)	Rich Square	14	0	0	0	14	54	96.4%	3.86
ONSLow	34-2532	Southeastern Dialysis Ctr. Jacksonville	Jacksonville	35	0	0	0	35	110	78.6%	3.14
ORANGE	34-3503	Carolina Dialysis Carrboro (UNC) (34-2622)	Carrboro	27	0	9	0	36	119	110.2%	4.41
PAMLICO											
PASQUOTANK	34-2515	Gambro Healthcare Elizabeth City	Elizabeth City	16	0	0	0	16	62	96.9%	3.88
PENDER	34-2558	Southeastern Dialysis Center Inc.	Burgaw	14	4	0	0	18	13	96.2%	3.85
PERQUIMANS											
PERSON	34-2562	Gambro Healthcare-Roxboro	Roxboro	20	0	0	0	20	11	138.6%	5.55
PITT	34-2502	Greenville Dialysis Center (BMA)	Greenville	43	-7	7	0	43	43	93.6%	3.74
	n/a	FMC Dialysis Services of Ayden *	Ayden	0	10	0	0	10			
	34-2596	FMC Dialysis of East Carolina Univ.	Greenville	33	0	0	0	33	33	83.3%	3.33
POLK											
RANDOLPH	34-2524	Bio-Medical Applications of Asheboro	Asheboro	25	12	0	0	37	25	85.0%	3.40
RICHMOND	34-2539	Dialysis Care of Richmond County	Hamlet	21	0	0	0	21	21	67.9%	2.71
ROBESON	34-2528	BMA Lumberton Dialysis	Lumberton	27	0	6	0	33	37	85.1%	3.41
	34-2623	FMC Dialysis Services of Robeson County *	Fairmont	10	0	0	0	10			
	34-2607	BMA of Red Springs	Red Springs	20	0	0	0	20	20	67.5%	2.70
ROCKINGHAM	34-2536	Dialysis Care of Rockingham County	Eden	28	-3	0	-10	15	28	83.0%	3.32
	n/a	Madison Dialysis Center *	Madison	0	10	0	0	10			
	n/a	Reidsville Dialysis Center *	Reidsville	0	0	0	10	10			
	n/a	BMA of Rockingham **	Reidsville	0	10	0	0	10			
	34-2574	Gambro Healthcare Reidsville	Reidsville	8	0	0	0	8	8	87.5%	3.50
ROWAN	34-2546	Dialysis Care of Rowan County	Salisbury	27	0	0	0	27	27	71.3%	2.85
	34-2592	TRC - Kannapolis/South Rowan	Kannapolis	20	-10	0	0	10	20	75.0%	3.00
RUTHERFORD	34-2566	Dialysis Care of Rutherford County	Forest City	22	0	0	0	22	22	76.1%	3.05
	34-2559	BMA of Clinton	Clinton	39	0	0	0	39	39	75.0%	3.00

* 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 12/12/02; Utilization Rates Calculated for 6/30/02)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 12/12/02					Certified Stations 6/30/02	# In-Center Patients 6/30/02	Utilization Rates	
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			Percent	Patients per Station
SCOTLAND	34-2540	BMA of Laurinburg	Laurinburg	21	5	0	0	26	21	76	90.5%	3.62
	34-2565	BMA of Albemarle	Albemarle	16	0	2	0	18	16	59	92.2%	3.69
	n/a	<i>One application was submitted in response to the July 2002 County Need Determination.</i>										
SURRY	34-2551	Mt. Airy Dialysis Center (WFU)	Mt. Airy	16	0	0	0	16	16	55	85.9%	3.44
	34-2614	Elkin Dialysis Center (WFU)	Elkin	10	0	0	0	10	10	34	85.0%	3.40
SWAIN	34-2602	Cherokee Dialysis Center	Cherokee	14	0	0	0	14	14	36	64.3%	2.57
TRANSYLVANIA												
TYRRELL												
UNION	34-2525	Metroina Kidney Center (BMA Monroe)	Monroe	21	0	0	0	21	17	50	73.5%	2.94
	34-2526	Gambro Healthcare Union County	Monroe	21	0	0	0	21	16	91	142.2%	5.69
VANCE	34-2543	Gambro Healthcare-Henderson	Henderson	33	0	-17	6	22	33	142	107.6%	4.30
	n/a	Gambro Healthcare-Henderson West *	Henderson	0	0	17	0	17				
WAKE	34-2544	Cary Kidney Center (BMA)	Cary	24	0	0	0	24	24	68	70.8%	2.83
	34-2512	Raleigh Clinic Dialysis (BMA)	Raleigh	43	0	-20	10	33	43	167	97.1%	3.88
	n/a	Capital Dialysis Center *	Raleigh	0	0	20	0	20				
	34-2608	BMA of Fuquay Varina	Fuquay-Varina	12	0	0	0	12	12	43	89.6%	3.58
	34-2599	Zebulon Kidney Center (BMA)	Zebulon	13	0	0	0	13	13	47	90.4%	3.62
	34-2522	Wake Dialysis Clinic	Raleigh	48	-5	0	0	43	48	179	93.2%	3.73
n/a	BMA of Southwest Wake *	Raleigh	0	15	0	0	15					
WARREN	34-2610	FMC Dialysis Services of Warren Hills	Warrenton	10	0	0	0	10	10	22	55.0%	2.20
WASHINGTON	34-2618	FMC Dialysis Services of Plymouth (BMA)	Plymouth	11	0	0	0	11	11	8	18.2%	0.73
WATAUGA	34-2311	Watauga Kidney Dialysis Center	Boone	10	0	0	0	10	10	30	75.0%	3.00
WAYNE	34-2531	Gambro Healthcare-Goldsboro	Goldsboro	25	0	0	0	25	25	90	90.0%	3.60
	34-2587	Gambro Healthcare-Goldsboro South	Goldsboro	16	0	5	0	21	16	61	95.3%	3.81
	34-2573	Gambro Healthcare-Mount Olive	Mount Olive	11	0	0	0	11	11	43	97.7%	3.91
	34-2576	Dialysis Care of Wayne County	Goldsboro	11	0	0	0	11	11	29	65.9%	2.64
WILKES	34-2313	Wilkes Regional Dialysis Center	N. Wilkesboro	10	0	0	0	10	10	35	87.5%	3.50
WILSON	34-2507	Gambro Healthcare-Wilson	Wilson	40	-10	0	0	30	40	147	91.9%	3.68
	n/a	Gambro Healthcare-Forest Hills *	Forest Hills	0	10	0	0	10				
YADKIN												
YANCEY												
STATE TOTALS				2,875	176	64	55	3,170	2,821	9,380		

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

Table B: ESRD Dialysis Station Need Determinations by County

COUNTY	12/31/1997	12/31/1998	12/31/1999	12/31/2000	12/31/2001	Average Annual Change Rate for Past Five Years	6/30/02 Total Patients	6/30/2003 Total Patients	6/30/2002 Home Patients	6/30/2002 % Home Patients	6/30/2003 Home Patients	Projected 6/30/2003 In-Center Patients	Projected 6/30/03 In-Center Patients	Projected 6/30/03 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Alamance	131	139	150	166	179	0.081	181	195.7	11	6.1%	11.9	183.8	57	62	Surplus of 5	0	
Alexander	16	21	18	22	23	0.109	26	28.8	6	23.1%	6.7	22.2	7	0	7	0	
Alleghany	4	5	6	9	7	0.182	7	8.3	1	14.3%	1.2	7.1	2	0	2	0	
Anson	39	45	41	53	57	0.108	54	59.8	6	11.1%	6.6	53.2	17	13	4	0	
Ashe	12	12	11	11	8	-0.089	8	7.3	2	25.0%	1.8	5.5	2	0	2	0	
Avery	7	7	8	9	13	0.178	12	14.1	5	41.7%	5.9	8.2	3	0	3	0	
Beaufort	57	68	73	90	82	0.103	84	92.6	11	13.1%	12.1	80.5	25	25	0	0	
Bertie	46	50	49	52	50	0.022	51	52.1	3	5.9%	3.1	49.1	15	16	Surplus of 1	0	
Bladen	42	42	44	55	60	0.097	60	65.8	5	8.3%	5.5	60.3	19	17	2	0	
Brunswick	53	56	62	70	66	0.059	67	70.9	11	16.4%	11.6	59.3	19	11	8	0	
Buncombe	60	63	70	83	78	0.063	85	90.4	28	13.1%	29.5	195.8	61	66	Surplus of 5	0	
Burke	96	108	143	152	152	0.128	147	165.8	17	20.0%	18.1	72.3	23	25	Surplus of 2	0	
Cabarrus	68	91	89	98	100	0.109	101	112.1	12	11.9%	13.3	152.3	48	40	8	0	
Caldwell	9	11	11	11	15	0.146	16	18.3	3	18.8%	3.4	14.9	5	29	2	0	
Camden	32	37	29	35	45	0.108	57	63.2	1	1.8%	1.1	62.1	19	20	Surplus of 1	0	
Carteret	33	35	40	34	29	-0.023	32	31.3	3	9.4%	2.9	28.3	9	10	Surplus of 1	0	
Caswell	101	113	130	134	128	0.084	123	130.8	23	18.7%	24.5	106.4	33	43	Surplus of 10	0	
Catawba	51	58	49	53	54	0.021	63	64.3	7	11.1%	7.1	57.2	18	19	Surplus of 1	0	
Chatham	12	11	12	13	10	-0.035	10	9.7	3	30.0%	2.9	6.8	2	0	2	0	
Cherokee	30	37	33	35	29	0.004	30	30.1	3	10.0%	3.0	27.1	8	17	Surplus of 9	0	
Chowan	5	6	8	6	7	0.113	5	5.6	0	0.0%	0.0	5.8	2	0	2	0	
Clay	96	114	133	147	151	0.122	155	173.9	22	14.2%	24.7	149.2	47	41	6	0	
Cleveland	75	88	86	104	101	0.083	98	106.1	7	7.1%	7.6	98.5	31	31	0	0	
Columbus	103	122	143	145	153	0.106	154	170.4	3	1.9%	3.3	167.1	52	68	Surplus of 16	0	
Craven	299	330	323	382	406	0.082	389	420.9	37	9.5%	40.0	380.9	119	119	0	0	
Cumberland	7	6	8	7	11	0.159	10	11.6	1	10.0%	1.2	10.4	3	0	3	0	
Currituck	13	15	25	20	17	0.118	21	23.5	4	19.0%	4.5	19.0	6	9	Surplus of 3	0	
Dare	93	100	115	130	153	0.133	137	155.2	18	13.1%	20.4	134.8	42	46	Surplus of 4	0	
Davidson	16	16	16	19	23	0.100	22	24.2	5	22.7%	5.5	18.7	6	0	6	0	
Davie	73	88	88	104	118	0.130	127	143.6	6	4.7%	6.8	136.8	43	34	9	0	
Duplin	271	301	333	378	391	0.097	394	432.1	16	4.1%	17.5	414.5	130	125	5	0	
Durham	118	108	107	121	144	0.057	155	163.8	12	7.7%	12.7	151.1	47	41	6	0	
Edgecombe	394	407	412	442	460	0.040	462	480.3	49	10.6%	50.9	429.4	134	140	Surplus of 6	0	
Forsyth	58	56	65	61	69	0.049	74	77.6	1	1.4%	1.0	76.6	24	22	2	0	
Franklin	147	164	189	182	182	0.058	190	201.0	23	12.1%	24.3	176.6	55	55	0	0	
Gaston	13	14	12	17	21	0.147	24	27.5	1	4.2%	1.1	26.4	8	0	8	0	
Gates	4	9	7	9	12	0.412	10	14.1	1	10.0%	1.4	12.7	4	0	4	0	
Graham	4	9	7	9	12	0.412	10	14.1	1	10.0%	1.4	12.7	4	0	4	0	

Table B: ESRD Dialysis Station Need Determinations by County

COUNTY	12/31/1997	12/31/1998	12/31/1999	12/31/2000	12/31/2001	Average Annual Change Rate for Past Five Years	6/30/02 Total Patients	Projected 6/30/2003 Total Patients	6/30/2002 Home Patients	% Home Patients	Projected 6/30/2003 Home Patients	Projected 6/30/2003 In-Center Patients	Projected 6/30/03 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Granville	67	75	76	74	85	0.064	87	92.5	5	5.7%	5.3	87.2	27	23	4	0
Greene	29	21	24	23	33	0.065	31	33.0	4	12.9%	4.3	28.8	9	10	Surplus of 1	0
Guilford	462	491	529	580	621	0.077	665	716.1	53	8.0%	57.1	659.0	206	216	Surplus of 10	0
Halifax	103	108	110	116	115	0.028	123	126.5	8	6.5%	8.2	118.2	37	40	Surplus of 3	0
Harnett	89	83	84	98	103	0.041	110	114.5	15	13.6%	15.6	98.9	31	30	1	0
Haywood	37	30	25	41	41	0.071	46	49.3	8	17.4%	8.6	40.7	13	11	2	0
Henderson	45	48	50	53	62	0.085	66	71.6	9	13.6%	9.8	61.8	19	20	Surplus of 1	0
Hertford	32	36	49	45	58	0.173	58	68.1	6	10.3%	7.0	61.0	19	17	2	0
Hoke	52	61	58	63	65	0.060	66	70.0	6	9.1%	6.4	63.6	20	33	Surplus of 13	0
Hyde	6	8	7	10	14	0.259	14	17.6	1	7.1%	1.3	16.4	5	0	5	0
Iredell	113	124	140	149	161	0.093	152	166.1	23	15.1%	25.1	141.0	44	57	Surplus of 13	0
Jackson	29	26	15	17	20	-0.054	18	17.0	1	5.6%	0.9	16.1	5	24	Surplus of 19	0
Johnston	112	103	110	122	138	0.057	144	152.2	9	6.3%	9.5	142.7	45	38	7	0
Jones	19	19	26	20	23	0.072	23	24.7	1	4.3%	1.1	23.6	7	10	Surplus of 3	0
Lee	92	96	100	99	96	0.011	99	100.1	11	11.1%	11.1	89.0	28	24	4	0
Lenoir	129	137	155	170	179	0.086	187	203.0	12	6.4%	13.0	190.0	59	57	2	0
Lincoln	28	34	34	33	39	0.092	41	44.8	4	9.8%	4.4	40.4	13	17	Surplus of 4	0
Macon	8	15	13	17	12	0.189	15	17.8	6	40.0%	7.1	10.7	3	0	3	0
Madison	5	10	4	7	7	0.288	15	19.3	1	6.7%	1.3	18.0	6	0	6	0
Martin	47	52	66	68	77	0.135	72	81.7	8	11.1%	9.1	72.6	23	23	0	0
McDowell	23	26	25	28	23	0.008	26	26.2	4	15.4%	4.0	22.2	7	0	7	0
Mecklenburg	547	625	605	702	742	0.082	785	849.4	78	9.9%	84.4	765.0	239	234	5	0
Mitchell	3	6	10	9	12	0.475	6	8.9	1	16.7%	1.5	7.4	2	0	2	0
Montgomery	40	50	40	42	40	0.013	41	41.5	2	4.9%	2.0	39.5	12	12	0	0
Moore	78	84	97	117	115	0.105	116	128.2	3	2.6%	3.3	124.9	39	39	0	0
Nash	95	108	117	123	131	0.084	139	150.7	8	5.8%	8.7	142.0	44	52	Surplus of 8	0
New Hanover	151	150	155	140	149	-0.001	154	153.8	12	7.8%	12.0	141.8	44	57	Surplus of 13	0
Northampton	41	51	52	58	59	0.099	62	68.1	5	8.1%	5.5	62.6	20	14	6	0
Onslow	76	97	101	108	110	0.101	109	120.0	8	7.3%	8.8	111.2	35	35	0	0
Orange	73	78	76	85	109	0.111	107	118.9	3	2.8%	3.3	115.5	36	36	0	0
Pamlico	10	16	19	16	14	0.126	13	14.6	0	0.0%	0.0	14.6	5	0	5	0
Pasquotank	45	49	50	46	54	0.051	54	56.7	11	20.4%	11.6	45.2	14	16	Surplus of 2	0
Pender	52	52	53	61	63	0.051	57	59.9	6	10.5%	6.3	53.6	17	18	Surplus of 1	0
Perquimans	14	13	12	13	12	-0.035	10	9.6	1	10.0%	1.0	8.7	3	0	3	0
Person	50	59	60	69	69	0.087	67	72.8	3	4.5%	3.3	69.6	22	20	2	0
Pitt	187	188	204	206	241	0.068	250	266.9	30	12.0%	32.0	234.9	73	86	Surplus of 13	0
Polk	18	13	14	18	17	0.007	12	12.1	5	41.7%	5.0	7.1	2	0	2	0
Randolph	72	76	73	101	104	0.107	109	120.7	8	7.3%	8.9	111.8	35	37	Surplus of 2	0

Table B: ESRD Dialysis Station Need Determinations by County

COUNTY	12/31/1997	12/31/1998	12/31/1999	12/31/2000	12/31/2001	Average Annual Change Rate for Past Five Years	6/30/02 Total Patients	6/30/2003 Total Patients	6/30/2002 Home Patients	6/30/2003 Home Patients	Projected 6/30/2003 In-Center Patients	Projected 6/30/03 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Richmond	60	76	75	69	76	0.069	74	79.1	5	6.8%	5.3	73.7	23	21	0
Robeson	171	191	201	223	255	0.106	255	281.9	17	6.7%	18.8	263.1	82	63	0*
Rockingham	114	126	139	152	144	0.062	145	154.0	8	5.5%	8.5	145.5	45	53	0
Rowan	105	125	118	131	129	0.057	129	136.4	27	20.9%	28.5	107.8	34	37	0
Rutherford	60	60	57	67	69	0.039	70	72.7	5	7.1%	5.2	67.5	21	22	0
Sampson	104	104	107	108	114	0.023	114	116.7	6	5.3%	6.1	110.5	35	39	0
Scotland	43	41	44	50	61	0.096	65	71.2	4	6.2%	4.4	66.8	21	26	0
Stanly	46	44	44	50	59	0.068	62	66.2	5	8.1%	5.3	60.9	19	18	0
Stokes	17	17	24	27	33	0.190	35	41.6	3	8.6%	3.6	38.1	12	11	0
Surry	52	62	59	51	62	0.056	59	62.3	9	15.3%	9.5	52.8	17	26	0
Swain	24	26	3	29	44	2.096	38	117.6	8	21.1%	24.8	92.9	29	14	0*
Tennessee	21	17	20	22	26	0.067	25	26.7	6	24.0%	6.4	20.3	6	0	0
Tyrrell	3	1	5	3	2	0.650	3	5.0	0	0.0%	0.0	5.0	2	2	0
Union	76	91	88	100	105	0.088	118	128.3	14	11.9%	15.2	113.1	35	42	0
Vance	94	101	108	112	120	0.063	128	136.1	4	3.1%	4.3	131.8	41	39	0
Wake	416	438	471	509	557	0.076	601	646.6	94	15.6%	101.1	545.4	170	160	0*
Warren	19	24	32	34	38	0.194	39	46.6	0	0.0%	0.0	46.6	15	10	0
Washington	20	27	30	35	32	0.136	33	37.5	2	6.1%	2.3	35.2	11	11	0
Watauga	16	15	18	21	17	0.028	23	23.7	4	17.4%	4.1	19.5	6	10	0
Wayne	207	230	226	226	239	0.038	231	239.7	29	12.6%	30.1	209.6	66	68	0
Wilkes	35	31	36	40	46	0.077	54	58.2	8	14.8%	8.6	49.5	15	10	0
Wilson	121	125	124	137	157	0.069	156	166.8	20	12.8%	21.4	145.4	45	40	0
Yadkin	16	12	18	22	19	0.084	23	24.9	2	8.7%	2.2	22.8	7	0	0
Yancey	11	12	12	9	8	-0.068	11	10.3	3	27.3%	2.8	7.5	2	2	0
Unknowns	78	166	47	30	0		0		0						
State Totals	7,854	8,596	8,849	9,644	10,225		10,495		1,041	0					0

* Pursuant to 10 NCAC 3R .6429(b)(1)(E), the need determination is zero because a facility in this county was operating below 80% utilization (see "Utilization Rates" in Table 4).

Table C: Need Determinations for New Dialysis Stations by County
(Based on the "County Need" Methodology -- January, 2003)

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 2003 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.

