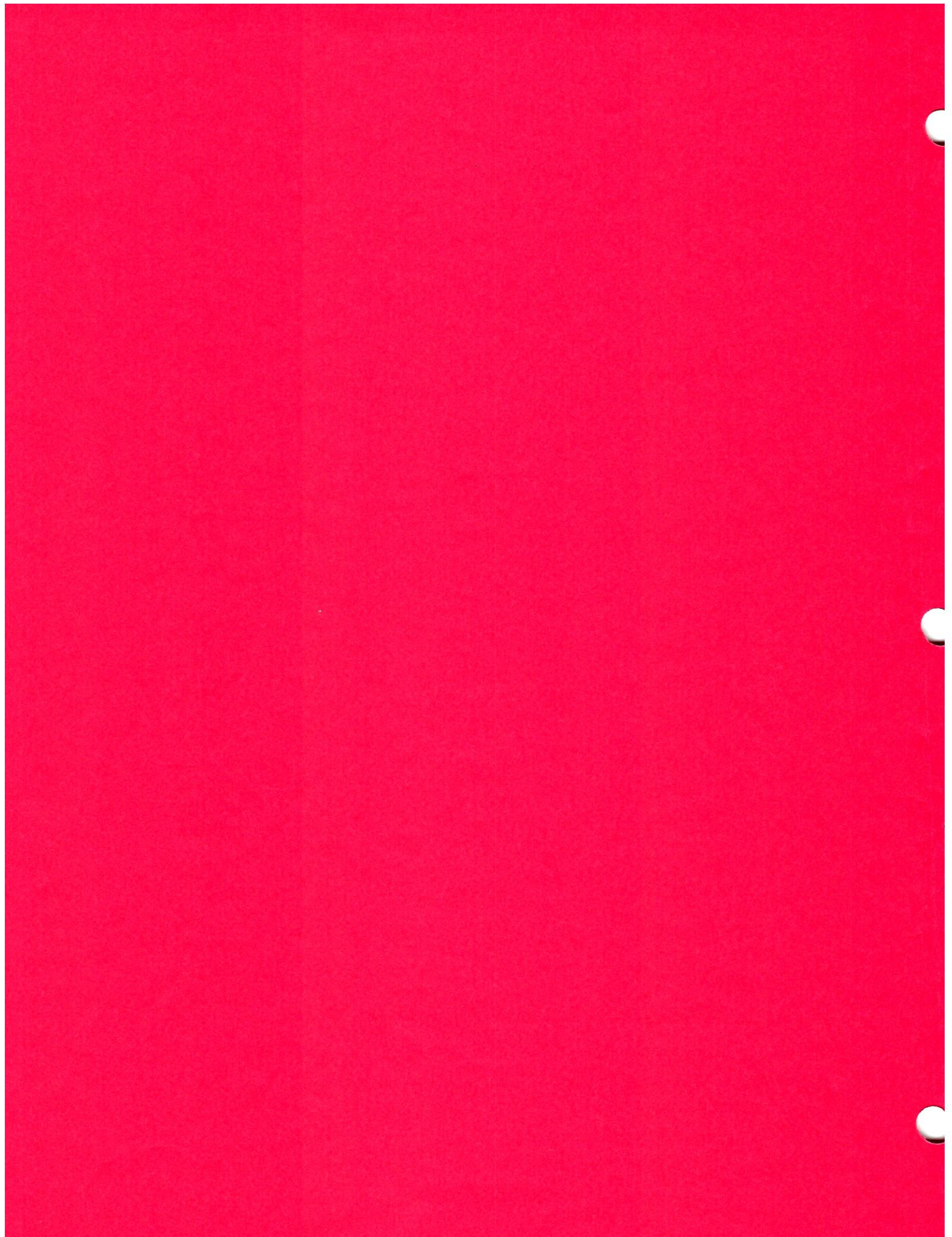


March 2000 Semiannual Dialysis Report



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



END-STAGE RENAL DISEASE DIALYSIS FACILITIES

March 2000 Semiannual Dialysis Report

Introduction

The 2000 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 March and September. The 2000 Plan specifies that the Semiannual Dialysis Reports "...will use facility, station and active patient data provided as of December 31, 1999 for the March SDR and as of June 30, 2000 for the September SDR." This document is the March 2000 SDR. It reiterates the methodology and presents need determinations for the first dialysis review period of 2000.

Summary of Dialysis Station Supply and Utilization

For purposes of the Semiannual Dialysis Report, as of March 14, 2000 there were 106 End-Stage Renal Disease (ESRD) dialysis facilities certified and operating in North Carolina, providing a total of 2,321 dialysis stations. (*Note: These figures include eight dialysis stations at "Dialysis Care of Anson County," even though that facility was temporarily closed due to construction.*) Certificates of need had been issued for an additional 261 dialysis stations, but the stations were not yet certified. Another 83 dialysis stations had been requested, but had not completed the certificate of need review and appeals process. The number of dialysis facilities per county ranged from zero to eleven.

Utilization data as of December 31, 1999 are presented in the final two columns of Table A. Of the 106 certified facilities operational on that date, 67 were at or above 80% utilization (*i.e., greater than or equal to 3.2 patients per station*).

Sources of Data

Inventory Data:

Data on the current number of facilities and stations were obtained from the Certificate of Need Section and 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 December 31, 1999 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 December 31, 1999 were provided by the SEKC on February 29, 2000. The SEKC

noted that these figures reflect data submitted to the Southeastern Kidney Council by dialysis facilities as of February 29, 2000 and are subject to change. The figures are not validated. County totals from the SEKC were supplemented by data also received on February 29, 2000 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 1995, 1996, 1997, and 1998 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, 1999 regardless of the county or state of each patient's residence. These figures were provided by the SEKC on March 1, 2000. Again, the SEKC noted that these figures reflect data submitted to the Southeastern Kidney Council by dialysis facilities as of February 29, 2000 and are subject to change.

Method for Projection of New Dialysis Station Need

The 2000 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 2000 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) 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

- (A) The average annual rate (%) of change in total number of dialysis patients resident in each county from the end of 1995 to the end of 1999 is multiplied by the county's 1999 year end 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 2000 patients.
- (B) The percent of each county's total patients who were home dialysis patients at the end of 1999 is multiplied by the county's projected total 2000 patients, and the product is subtracted from the county's projected total 2000 patients. The remainder is the county's projected 2000 in-center dialysis patients.
- (C) The projected number of each county's 2000 in-center patients is divided by 3.2. The quotient is the projection of the county's 2000 in-center dialysis stations.
- (D) From each county's projected number of 2000 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 2000 projected station surplus or deficit.

- (E) If a county's 2000 projected station deficit is ten or greater and the SDR shows that utilization of each dialysis facility in the county is 80% or greater, the 2000 county station need determination is the same as the 2000 projected station deficit. If a county's 2000 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 2000 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 reference 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 SDR (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 the number of months from the most recent month reported in the current SDR until the end of calendar 2000.
 - (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 and pending stations as recorded in the current SDR. 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 2000 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 2000 shall be as follows:

<u>Data for Period Ending</u>	<u>Receipt of SEKC Report</u>	<u>Publication of SDR</u>	<u>Receipt of CON Applications</u>	<u>Beginning Review Dates</u>
Dec. 31, 1999	Feb. 29, 2000	March 20, 2000	May 15, 2000	June 1, 2000
June 30, 2000	Aug. 31, 2000	Sept. 20, 2000	November 15, 2000	Dec. 1, 2000

Please be advised that 5:00 p.m. on May 15, 2000 is the filing deadline for all certificate of need applications in response to the "March 2000 Semiannual Dialysis Report." The filing deadline is absolute.

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

(Inventory Compiled 3/14/00; Utilization Rates Calculated for 12/31/99)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 3/14/00					Certified Stations 12/31/99	# In-Center Patients 12/31/99	Utilization Rate	
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			By Percent	Patients per Station
ALAMANCE	34-2533	BMA of Burlington	Burlington	27	0	0	0	27	27	85	78.7%	3.15
	34-2567	Burlington Dialysis Center	Burlington	20	0	5	0	25	14	75	133.9%	5.36
ALEXANDER								0				
ALLEGHANY								0				
ANSON	34-2560	Dialysis Care of Anson County *	Wadesboro	8	0	5	0	13	8	0	0.0%	0.00
ASHE								0				
AVERY								0				
BEAUFORT	34-2561	BMA of Pamlico	Washington	18	7	0	0	25	18	63	87.5%	3.50
BERTIE	34-2547	Windsor Dialysis Unit (BMA)	Windsor	16	0	0	0	16	16	41	64.1%	2.56
BLADEN	34-2578	Southeastern Dialysis Center, Inc.	Elizabethtown	13	0	0	0	13	13	30	57.7%	2.31
BRUNSWICK	34-2582	Southeastern Dialysis Center, Inc.	Shalotte	11	0	0	0	11	11	31	70.5%	2.82
BJNCOMBE	34-2506	Asheville Kidney Center	Asheville	36	-2	2	0	36	36	184	127.8%	5.11
	n/a	Asheville Kidney Center at Weaverville **	Weaverville	0	12	0	0	12				
	34-2300	Memorial Mission Hospital ESRD Center	Asheville	4	0	0	0	4	4	0	0.0%	0.00
BURKE	34-2563	BMA of Burke County	Morganton	15	0	0	0	15	15	51	85.0%	3.40
CABARRUS	34-2519	Metrolina Kidney Center (BMA-Concord)	Concord	30	-10	0	0	20	30	94	78.3%	3.13
	n/a	BMA of Kannapolis **	Kannapolis	0	10	0	0	10				
CALDWELL	34-2509	BMA-Lenoir (Northwestern Dialysis)	Lenoir	20	9	0	0	29	20	76	95.0%	3.80
CAMDEN								0				
CARTERET	34-2588	Crystal Coast Dialysis Unit (BMA)	Morehead City	11	4	0	0	15	11	34	77.3%	3.09
CASWELL	34-2597	Carolina Dialysis Center-Caswell	Yanceyville	10	0	0	0	10	10	15	37.5%	1.50
CATAWBA	34-2516	BMA-Hickory (Northwestern Dialysis)	Hickory	33	0	0	0	33	33	115	87.1%	3.48
CHATHAM	34-3501	Carolina Dialysis Siler City	Siler City	9	0	0	0	9	9	36	100.0%	4.00
	n/a	<i>(Two applications were submitted for the September, 1998 County Need Determination.)</i>						10	10	0	0.0%	0.00
CHEROKEE								0				
CHOWAN	34-2541	Gambro Healthcare Edenton	Edenton	17	0	0	0	17	17	46	67.6%	2.71
CLAY								0				
CLEVELAND	34-2529	Dialysis Clinic, Inc. (DCI Shelby)	Shelby	22	7	0	0	29	22	83	94.3%	3.77
COLUMBUS	34-2521	Southeastern Dialysis Center	Whiteville	18	7	0	0	25	18	68	94.4%	3.78

* Temporarily closed during new construction. Most patients receiving services at Dialysis Care of Richmond County.

** 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 3/14/00; Utilization Rates Calculated for 12/31/99)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 3/14/00					Certified Stations 12/31/99	# In-Center Patients 12/31/99	Utilization Rate	
				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	-9	0	0	30	39	146	93.6%	3.74
	n/a	BMA of Tryon *	New Bern	0	19	0	0	19				
	34-2585	Dialysis Care of Craven County	New Bern	14	0	0	0	14	14	18	32.1%	1.29
CUMBERLAND	34-2510	Fayetteville Kidney Center Inc. (BMA)	Fayetteville	56	0	-6	7	57	56	222	99.1%	3.96
	34-2593	FMC Dialysis Services-North Ramsey (BMA)	Fayetteville	20	0	0	0	20	20	69	86.3%	3.45
	34-2601	FMC Dialysis Services-South Ramsey (BMA)	Fayetteville	13	0	6	0	19	13	0	0.0%	0.00
CURRITUCK								0				
DARE	34-2598	Outer Banks Dialysis Clinic	Nags Head	4	0	0	0	4	4	13	81.3%	3.25
DAVIDSON	34-2553	Lexington Dialysis Center	Lexington	32	0	0	0	32	32	96	75.0%	3.00
DAVIE								0				
DUPLIN	34-2535	Southeastern Dialysis Ctr. Kenansville	Kenansville	16	0	0	0	16	16	51	79.7%	3.19
	n/a	<i>(Two applications were submitted for the September 1999 County Need Determination)</i>					14	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	0	0	0	37	37	123	83.1%	3.32
	34-2538	Freedom Lake Dialysis Center	Durham	19	5	-10	4	18	19	92	121.1%	4.84
	34-2590	West Pettegrew Dialysis Center (FMC)	Durham	21	5	-5	0	21	18	72	100.0%	4.00
	n/a	BMA of Briggs Avenue *	Durham	0	0	15	0	15				
EDGECOMBEE	34-2577	Dialysis Care of Edgecombe Cnty.	Tarboro	15	0	0	0	15	15	42	70.0%	2.80
	n/a	BMA of East Rocky Mount **	Rocky Mount	0	15	0	0	15				
FORSYTH	34-2304	N. C. Baptist Hospital, Inc.	Winston-Salem	4	0	0	0	4	4	8	50.0%	2.00
	34-2505	Piedmont Dialysis	Winston-Salem	72	0	0	0	72	72	241	83.7%	3.35
	34-2569	Salem Kidney Center	Winston-Salem	57	0	0	0	57	57	163	71.5%	2.86
FRANKLIN	34-2571	Dialysis Care of Franklin County	Louisburg	16	0	0	0	16	16	46	71.9%	2.88
GASTON	34-2513	BMA of Gastonia	Gastonia	36	3	0	0	39	36	129	89.6%	3.58
	34-2595	BMA of Kings Mountain	Kings Mountain	10	0	0	0	10	10	37	92.5%	3.70
GATES								0				
GRAHAM								0				
GRANVILLE	34-2520	FMC Dialysis Serv. Neuse River	Oxford	18	5	0	0	23	18	65	90.3%	3.61
GREENE								0				
GUILFORD	34-2537	BMA of South Greensboro	Greensboro	37	0	0	0	37	37	139	93.9%	3.76
	34-2600	BMA of Southwest Greensboro	Greensboro	15	0	0	0	15	15	51	85.0%	3.40
	34-2504	Greensboro Kidney Center (BMA)	Greensboro	69	-5	0	0	64	69	219	79.3%	3.17
	n/a	BMA of Northwest Greensboro *	Greensboro	0	15	0	0	15				
	34-2514	High Point Kidney Center	High Point	34	0	0	0	34	34	117	86.0%	3.44
34-2599	Triad Dialysis Center	High Point	10	0	0	0	10	10	33	82.5%	3.30	

* 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 included with current location in Nash County.

Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates
(Inventory Compiled 3/14/00; Utilization Rates Calculated for 12/31/99)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 3/14/00					Certified Stations 12/31/99	# In-Center Patients 12/31/99	Utilization Rate	
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			By Percent	Patients per Station
HALIFAX	34-2542	BMA of Roanoke Rapids	Roanoke Rapids	22	6	0	0	28	21	78	92.9%	3.71
	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	85	70.8%	2.83
HAYWOOD								0				
HENDERSON	34-2564	Hendersonville Dialysis Center, Inc.	Hendersonville	10	10	0	0	20	10	61	152.5%	6.10
HERTFORD	34-2570	Gambro Healthcare Ahoskie	Ahoskie	14	0	0	0	14	14	50	89.3%	3.57
Hoke	34-2579	Dialysis Care of Hoke County	Raeford	15	10	0	0	25	15	75	125.0%	5.00
HIDE								0				
IREDELL	34-2527	Statesville Dialysis Center Inc	Statesville	41	-10	0	0	31	41	130	79.3%	3.17
	n/a	Lake Norman Dialysis Center *	Mooreville	0	10	0	0	10				
JACKSON	34-2556	Sylva Dialysis Center	Sylva	19	5	0	0	24	19	81	106.6%	4.26
JOHNSTON	34-2545	Smithfield Kidney Center (BMA)	Smithfield	13	0	0	0	13	13	30	57.7%	2.31
	34-2572	Johnston Dialysis Center, Inc. (BMA)	Smithfield	12	0	2	0	14	12	46	95.8%	3.83
JONES								0				
LEE	34-3500	Carolina Dialysis Sanford (UNC)	Sanford	16	6	0	0	22	16	92	143.8%	5.75
LENDIR	34-2518	Kinston Dialysis Unit (BMA)	Kinston	44	-12	0	0	32	44	165	93.8%	3.75
	n/a	BMA of Rivermont *	Kinston	0	18	0	0	18				
LINCOLN	34-2568	BMA of Lincolnton	Lincolnton	17	0	0	0	17	17	47	69.1%	2.76
MCDOWELL								0				
MACON								0				
MADISON								0				
MARTIN	34-2584	Dialysis Care of Martin County	Williamston	18	0	3	0	21	18	67	93.1%	3.72
MECKLENBURG	34-2554	BMA-West Charlotte	Charlotte	10	3	0	6	19	10	40	100.0%	4.00
	34-2581	BMA of Beatties Ford (Metrolina)	Charlotte	16	10	0	0	26	16	65	101.6%	4.06
	34-2549	BMA of North Charlotte	Charlotte	14	-1	1	0	14	14	55	98.2%	3.93
	34-2306	Carolina's Medical Center	Charlotte	9	0	0	0	9	9	2	5.6%	0.22
	34-2523	Gambro Healthcare South Charlotte	Matthews	12	0	0	0	12	12	21	43.8%	1.75
	34-2552	Dialysis Care of Charlotte (Meck. Cnty.)	Charlotte	10	2	3	0	15	10	41	102.5%	4.10
	34-2591	TRC - Mecklenburg/University	Charlotte	20	0	0	0	20	10	38	95.0%	3.80
	34-2548	Gambro Healthcare Charlotte	Charlotte	21	0	0	0	21	21	90	107.1%	4.29
	34-2503	BMA of Charlotte (Metrolina-Charlotte)	Charlotte	37	5	0	-6	36	37	153	103.4%	4.14
	n/a	BMA of East Charlotte *	Charlotte	0	10	0	0	10				
34-2594	BMA of Nations Ford	Charlotte	10	0	0	0	10	10	37	92.5%	3.70	

* 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 3/14/00; Utilization Rates Calculated for 12/31/99)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 3/14/00					Certified Stations 12/31/99	# In-Center Patients 12/31/99	Utilization Rate	
				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	8	4	0	0	12	8	28	87.5%	3.50
MOORE	34-2555	Dialysis Care of Pinehurst (Moore Cnty.)	Pinehurst	25	7	0	0	32	25	101	101.0%	4.04
NASH	34-2517	Rocky Mount Kidney Center (BMA)	Rocky Mount	41	1	0	0	42	41	168	102.4%	4.10
NEW HANOVER	34-2511	Southeastern Dialysis Center Inc.	Wilmington	51	-18	0	0	33	51	171	83.8%	3.35
	n/a	Cape Fear Center (Southeastern Dialysis) *	Wilmington	0	18	0	0	18				
NORTHAMPTON	34-2586	Rich Square Dialysis Unit (BMA Northampton)	Rich Square	14	0	0	0	14	14	42	75.0%	3.00
ONSLOW	34-2532	Southeastern Dialysis Ctr. Jacksonville	Jacksonville	29	0	0	0	29	29	100	86.2%	3.45
ORANGE	34-2305	Carolina Dialysis Carrboro (UNC)	Carrboro	25	2	0	0	27	25	83	83.0%	3.32
PAMLICO								0				
PASQUOTANK	34-2515	Gambro Healthcare Elizabeth City	Elizabeth City	16	0	0	0	16	16	58	90.6%	3.63
PENDER	34-2558	Southeastern Dialysis Center Inc.	Burgaw	13	0	0	0	13	13	48	92.3%	3.69
PERQUIMANS								0				
PERSON	34-2562	Gambro Healthcare Roxboro	Roxboro	11	9	0	0	20	11	60	136.4%	5.45
PITT	34-2502	Greenville Dialysis Center (BMA)	Greenville	39	0	0	0	39	39	130	83.3%	3.33
	34-2596	FMC Dialysis of East Carolina Univ.	Greenville	25	0	0	0	25	25	88	88.0%	3.52
POLK								0				
RANDOLPH	34-2524	Bio-Medical Applications of Asheboro	Asheboro	21	0	5	0	26	21	67	79.8%	3.19
RICHMOND	34-2539	Dialysis Care of Richmond County **	Hamlet	21	0	0	0	21	21	73	86.9%	3.48
ROBESON	34-2528	BMA Lumberton Dialysis	Lumberton	45	2	0	-10	37	45	142	78.9%	3.16
	n/a	BMA of Fairmont *	Fairmont	0	0	0	10	10				
	n/a	BMA of Red Springs *	Red Springs	0	10	0	0	10				
ROCKINGHAM	34-2536	Dialysis Care of Rockingham County	Eden	18	10	0	0	28	18	73	101.4%	4.06
	34-2574	Gambro Healthcare Reidsville	Reidsville	8	0	0	0	8	8	23	71.9%	2.88
ROWAN	34-2546	Dialysis Care of Rowan County	Salisbury	27	0	0	0	27	27	60	55.6%	2.22
	34-2592	TRC - Kannapolis/South Rowan	Kannapolis	20	0	0	0	20	10	43	107.5%	4.30
RUTHERFORD	34-2566	Dialysis Care of Rutherford County	Forest City	22	0	0	0	22	22	53	60.2%	2.41
SAMPSON	34-2559	BMA of Clinton	Clinton	29	10	0	0	39	29	111	95.7%	3.83

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

** Dialysis Care of Richmond County is assisting with patients from Dialysis Care of Anson County while the latter is temporarily closed.

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

(Inventory Compiled 3/14/00; Utilization Rates Calculated for 12/31/99)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 3/14/00					Certified Stations 12/31/99	# In-Center Patients 12/31/99	Utilization Rate	
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			By Percent	Patients per Station
SCOTLAND	34-2540	BMA of Laurinburg	Laurinburg	20	0	0	0	20	20	59	73.8%	2.95
STANLY	34-2565	BMA of Albemarle	Albemarle	13	0	0	0	13	13	36	69.2%	2.77
STOKES								0				
SURRY	34-2551	Mt. Airy Dialysis Center	Mt. Airy	26	0	0	0	26	26	68	65.4%	2.62
SWAIN	34-2602	Cherokee Dialysis Center	Cherokee	14	0	0	0	14	14	0	0.0%	0.00
TRANSYLVANIA								0				
TYRRELL								0				
UNION	34-2525	Metrolina Kidney Center (BMA Monroe)	Monroe	12	2	0	0	14	12	42	87.5%	3.50
	34-2526	Gambro Healthcare Union County	Monroe	16	5	0	0	21	16	73	114.1%	4.56
VANCE	34-2543	Gambro Healthcare-Henderson	Henderson	23	10	0	0	33	23	148	160.9%	6.43
WAKE	34-2544	Cary Kidney Center (BMA)	Cary	18	0	0	0	18	18	53	73.6%	2.94
	34-2512	Raleigh Clinic Dialysis (BMA)	Raleigh	49	-6	0	0	43	49	159	81.1%	3.24
	n/a	BMA of Fuquay Varina *	Fuquay-Varina	0	12	0	0	12				
	34-2589	Zebulon Kidney Center (BMA)	Zebulon	8	3	0	0	11	8	35	109.4%	4.38
	34-2522	Wake Dialysis Clinic	Raleigh	48	0	-5	0	43	48	162	84.4%	3.38
n/a	BMA of Southwest Wake *	Raleigh	0	0	15	0	15					
WARREN	n/a	<i>(Two applications were submitted for the September 1999 County Need Determination.)</i>					10	10	0	0	0.0%	0.00
WASHINGTON							0					
WATAUGA	34-2311	Watauga Kidney Dialysis Center	Boone	8	0	2	0	10	8	29	90.6%	3.63
WAYNE	34-2531	Gambro Healthcare-Goldsboro	Goldsboro	25	0	0	0	25	25	87	87.0%	3.48
	34-2587	Gambro Healthcare-Goldsboro South	Goldsboro	16	0	0	0	16	16	63	98.4%	3.94
	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	27	61.4%	2.45
WILKES	34-2313	Wilkes Regional Dialysis Center	N. Wilkesboro	7	0	0	0	7	7	22	78.6%	3.14
WILSON	34-2507	Gambro Healthcare-Wilson	Wilson	40	0	0	0	40	40	116	72.5%	2.90
YADKIN								0				
YANCEY								0				
STATE TOTALS				2,321	261	38	45	2,665	2,291	7,867		

* 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	12/31/1995 Total Patients	12/31/1996 Total Patients	12/31/1997 Total Patients	12/31/1998 Total Patients	12/31/1999 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12/31/2000 Total Patients	12/31/1999 Home Patients	12/31/1999 % Home Patients	Projected 12/31/2000 Home Patients	Projected 12/31/2000 In-Center Patients	Projected 12/31/00 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Alamance	91	117	130	137	131	0.102	144.3	7	5.3%	7.7	136.6	43	52	Surplus of 9	0
Alexander	11	19	16	21	16	0.161	18.6	2	12.5%	2.3	16.3	5	0	5	0
Alleghany	4	5	4	5	4	0.025	4.1	2	50.0%	2.1	2.1	1	0	1	0
Anson	24	37	39	45	42	0.171	49.2	3	7.1%	3.5	45.7	14	13	1	0
Ashe	7	9	12	12	9	0.092	9.8	2	22.2%	2.2	7.6	2	0	2	0
Avery	6	4	7	7	6	0.068	6.4	1	16.7%	1.1	5.3	2	0	2	0
Beaufort	40	48	57	69	60	0.117	67.0	11	18.3%	12.3	54.7	17	25	Surplus of 8	0
Bertie	26	28	46	50	44	0.172	51.6	4	9.1%	4.7	46.9	15	16	Surplus of 1	0
Bladen	31	40	42	42	41	0.079	44.2	4	9.8%	4.3	39.9	12	13	Surplus of 1	0
Brunswick	45	50	54	56	53	0.044	55.3	9	17.0%	9.4	45.9	14	11	3	0
Buncombe	117	126	160	162	146	0.065	155.5	23	15.8%	24.5	131.0	41	52	Surplus of 11	0
Burke	49	57	62	63	62	0.063	65.9	15	24.2%	15.9	50.0	16	15	1	0
Cabarrus	63	95	95	108	108	0.161	125.4	11	10.2%	12.8	112.6	35	30	5	0
Caldwell	71	76	68	89	86	0.060	91.2	12	14.0%	12.7	78.4	25	29	Surplus of 4	0
Camden	8	10	9	12	9	0.058	9.5	1	11.1%	1.1	8.5	3	0	3	0
Carteret	21	30	32	37	24	0.075	25.8	4	16.7%	4.3	21.5	7	15	Surplus of 8	0
Caswell	29	28	33	35	30	0.015	30.5	4	13.3%	4.1	26.4	8	10	Surplus of 2	0
Catawba	74	94	101	113	118	0.127	133.0	24	20.3%	27.0	105.9	33	33	0	0
Chatham	45	51	51	58	45	0.012	45.5	3	6.7%	3.0	42.5	13	19	Surplus of 6	0
Cherokee	10	7	11	10	9	0.020	9.2	2	22.2%	2.0	7.1	2	0	2	0
Chowan	19	22	30	37	33	0.162	38.3	4	12.1%	4.6	33.7	11	17	Surplus of 6	0
Clay	2	4	6	6	7	0.417	9.9	0	0.0%	0.0	9.9	3	0	3	0
Cleveland	64	90	96	113	116	0.169	135.6	31	26.7%	36.2	99.4	31	29	2	0
Columbus	52	72	75	85	84	0.137	95.5	11	13.1%	12.5	83.0	26	25	1	0
Craven	77	81	103	121	120	0.123	134.7	5	4.2%	5.6	129.1	40	63	Surplus of 23	0
Cumberland	203	273	299	329	284	0.101	312.7	43	15.1%	47.3	265.3	83	96	Surplus of 13	0
Currituck	6	7	7	6	6	0.006	6.0	1	16.7%	1.0	5.0	2	0	2	0
Dare	7	12	13	15	16	0.255	20.1	6	37.5%	7.5	12.5	4	4	0	0
Davidson	72	85	93	100	97	0.080	104.8	14	14.4%	15.1	89.6	28	32	Surplus of 4	0
Davie	12	13	16	16	10	-0.015	9.8	2	20.0%	2.0	7.9	2	0	2	0
Duplin	48	71	73	88	79	0.153	91.1	7	8.9%	8.1	83.0	26	30	Surplus of 4	0
Durham	237	259	270	302	299	0.061	317.2	17	5.7%	18.0	299.2	93	107	Surplus of 14	0
Edgecombe	85	116	118	108	93	0.040	96.7	13	14.0%	13.5	83.2	26	30	Surplus of 4	0
Forsyth	323	345	394	406	347	0.024	355.3	46	13.3%	47.1	308.2	96	133	Surplus of 37	0
Franklin	43	55	57	54	56	0.075	60.2	2	3.6%	2.1	58.0	18	16	2	0
Gaston	104	128	145	164	168	0.130	189.8	26	15.5%	29.4	160.4	50	49	1	0
Gates	10	12	13	14	14	0.090	15.3	0	0.0%	0.0	15.3	5	0	5	0
Graham	6	5	4	9	8	0.193	9.5	3	37.5%	3.6	6.0	2	0	2	0

Table B: ESRD Dialysis Station Need Determinations by County

COUNTY	12/31/1995 Total Patients	12/31/1996 Total Patients	12/31/1997 Total Patients	12/31/1998 Total Patients	12/31/1999 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12/31/2000 Total Patients	12/31/1999 Home Patients	12/31/1999 % Home Patients	Projected 12/31/2000 Home Patients	Projected 12/31/2000 In-Center Patients	Projected 12/31/00 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Granville	54	59	67	75	72	0.077	77.5	4	5.6%	4.3	73.2	23	23	0	0
Greene	16	23	29	21	21	0.106	23.2	1	4.8%	1.1	22.1	7	0	7	0
Guilford	337	424	461	493	420	0.067	448.0	42	10.0%	44.8	403.2	126	175	Surplus of 49	0
Halifax	70	86	103	108	97	0.093	106.0	9	9.3%	9.8	96.2	30	39	Surplus of 9	0
Harnett	64	75	89	82	78	0.058	82.5	9	11.5%	9.5	73.0	23	30	Surplus of 7	0
Haywood	19	26	35	31	22	0.077	23.7	11	50.0%	11.9	11.9	4	0	4	0
Henderson	25	35	44	50	47	0.183	55.6	8	17.0%	9.5	46.2	14	20	Surplus of 6	0
Hertford	26	39	32	36	43	0.160	49.9	4	9.3%	4.6	45.2	14	14	0	0
Hoke	33	34	51	58	54	0.150	62.1	4	7.4%	4.6	57.5	18	25	Surplus of 7	0
Hyde	6	7	6	8	7	0.058	7.4	1	14.3%	1.1	6.3	2	0	2	0
Iredell	75	101	111	125	108	0.109	119.8	14	13.0%	15.5	104.2	33	41	Surplus of 8	0
Jackson	13	10	30	27	19	0.343	25.5	1	5.3%	1.3	24.2	8	24	Surplus of 16	0
Johnston	72	93	112	100	86	0.062	91.3	11	12.8%	11.7	79.7	25	27	Surplus of 2	0
Jones	9	10	19	19	20	0.266	25.3	1	5.0%	1.3	24.1	8	0	8	0
Lee	47	64	93	94	84	0.180	99.1	13	15.5%	15.3	83.8	26	22	4	0
Lenoir	103	120	129	137	144	0.088	156.7	8	5.6%	8.7	148.0	46	50	Surplus of 4	0
Lincoln	15	25	28	33	30	0.219	36.6	4	13.3%	4.9	31.7	10	17	Surplus of 7	0
Macon	6	12	8	14	12	0.318	15.8	4	33.3%	5.3	10.5	3	0	3	0
Madison	7	5	5	9	6	0.045	6.3	1	16.7%	1.0	5.2	2	0	2	0
Martin	39	39	47	52	47	0.054	49.5	5	10.6%	5.3	44.3	14	21	Surplus of 7	0
McDowell	16	21	23	26	24	0.115	26.8	8	33.3%	8.9	17.8	6	0	6	0
Mecklenburg	374	456	535	616	543	0.106	600.7	86	15.8%	95.1	505.6	158	192	Surplus of 34	0
Mitchell	3	5	3	5	5	0.233	6.2	4	80.0%	4.9	1.2	0	0	0	0
Montgomery	26	33	40	50	40	0.133	45.3	2	5.0%	2.3	43.0	13	12	1	0
Moore	52	69	79	85	85	0.137	96.6	6	7.1%	6.8	89.8	28	32	Surplus of 4	0
Nash	67	83	95	108	105	0.123	117.9	14	13.3%	15.7	102.2	32	42	Surplus of 10	0
New Hanover	101	132	151	150	138	0.091	150.6	19	13.8%	20.7	129.8	41	51	Surplus of 10	0
Northampton	32	38	41	51	43	0.088	46.8	7	16.3%	7.6	39.2	12	14	Surplus of 2	0
Onslow	59	82	76	95	92	0.134	104.3	6	6.5%	6.8	97.5	30	29	1	0
Orange	60	79	74	78	67	0.042	69.8	6	9.0%	6.2	63.5	20	27	Surplus of 7	0
Pamlico	11	15	10	16	17	0.173	19.9	2	11.8%	2.3	17.6	5	0	5	0
Pasquotank	30	39	45	49	43	0.105	47.5	3	7.0%	3.3	44.2	14	16	Surplus of 2	0
Pender	46	50	52	52	46	0.003	46.1	3	6.5%	3.0	43.1	13	13	0	0
Perquimans	11	15	14	13	9	-0.021	8.8	1	11.1%	1.0	7.8	2	0	2	0
Person	37	42	50	59	57	0.118	63.7	1	1.8%	1.1	62.6	20	20	0	0
Pitt	147	177	187	184	176	0.050	184.8	28	15.9%	29.4	155.4	49	64	Surplus of 15	0
Polk	11	16	18	7	12	0.171	14.0	1	8.3%	1.2	12.9	4	0	4	0
Randolph	52	63	72	76	63	0.060	66.8	4	6.3%	4.2	62.5	20	26	Surplus of 6	0

Table B: ESRD Dialysis Station Need Determinations by County

COUNTY	12/31/1995 Total Patients	12/31/1996 Total Patients	12/31/1997 Total Patients	12/31/1998 Total Patients	12/31/1999 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12/31/2000 Total Patients	12/31/1999 Home Patients	12/31/1999 % Home Patients	Projected 12/31/2000 Home Patients	Projected 12/31/2000 In-Center Patients	Projected 12/31/00 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Richmond	46	66	62	75	69	0.126	77.7	12	17.4%	13.5	64.2	20	21	Surplus of 1	0
Robeson	140	156	171	191	176	0.062	187.0	16	9.1%	17.0	170.0	53	57	Surplus of 4	0
Rockingham	87	95	114	126	120	0.087	130.5	9	7.5%	9.8	120.7	38	36	2	0
Rowan	92	83	104	123	101	0.040	105.0	28	27.7%	29.1	75.9	24	47	Surplus of 23	0
Rutherford	31	43	61	55	54	0.172	63.3	7	13.0%	8.2	55.1	17	22	Surplus of 5	0
Sampson	85	87	104	103	92	0.026	94.4	7	7.6%	7.2	87.2	27	39	Surplus of 12	0
Scotland	42	49	43	41	38	-0.019	37.3	5	13.2%	4.9	32.4	10	20	Surplus of 10	0
Stanly	20	32	46	44	38	0.214	46.1	6	15.8%	7.3	38.9	12	13	Surplus of 1	0
Stokes	16	15	17	17	15	-0.012	14.8	3	20.0%	3.0	11.9	4	0	4	0
Surry	35	52	52	62	50	0.121	56.1	3	6.0%	3.4	52.7	16	26	Surplus of 10	0
Swain	23	37	24	26	24	0.066	25.6	1	4.2%	1.1	24.5	8	14	Surplus of 6	0
Transylvania	16	18	21	17	13	-0.034	12.6	5	38.5%	4.8	7.7	2	0	2	0
Tyrrell	0	3	3	2	1	*	*	1	*	*	*	*	0	*	0
Union	49	59	76	91	75	0.128	84.6	5	6.7%	5.6	79.0	25	35	Surplus of 10	0
Vance	77	88	94	100	100	0.069	106.9	5	5.0%	5.3	101.5	32	33	Surplus of 1	0
Wake	295	409	417	430	404	0.094	442.0	62	15.3%	67.8	374.2	117	142	Surplus of 25	0
Warren	15	21	19	24	29	0.194	34.6	1	3.4%	1.2	33.4	10	10	0	0
Washington	22	20	20	26	27	0.062	28.7	2	7.4%	2.1	26.5	8	0	8	0
Watauga	15	18	16	15	12	-0.043	11.5	2	16.7%	1.9	9.6	3	10	Surplus of 7	0
Wayne	173	189	207	228	197	0.038	204.5	16	8.1%	16.6	187.9	59	63	Surplus of 4	0
Wilkes	19	27	35	29	27	0.119	30.2	7	25.9%	7.8	22.4	7	7	0	0
Wilson	85	121	121	125	99	0.062	105.2	8	8.1%	8.5	96.7	30	40	Surplus of 10	0
Yadkin	11	16	16	12	12	0.051	12.6	3	25.0%	3.2	9.5	3	0	3	0
Yancey	6	10	11	12	9	0.152	10.4	4	44.4%	4.6	5.8	2	0	2	0
Unknowns	979	77	73	110	967			142							
State Totals	6692	7074	7832	8480	8611			1091	12.7%					0	

* When a county had zero patients at the end of any of the previous five years, the average annual rate of change in dialysis patients for that county could not be calculated. There is no projected need for new stations in these counties.

Table C: Need Determinations for New Dialysis Stations by County
(Based on the "County Need" Methodology -- March, 2000)

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 March 2000 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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