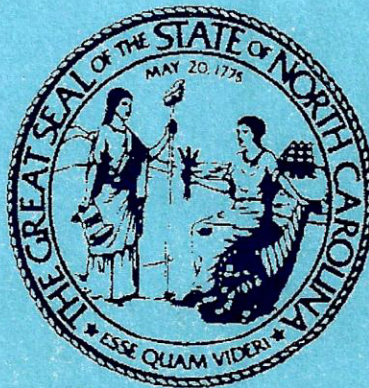
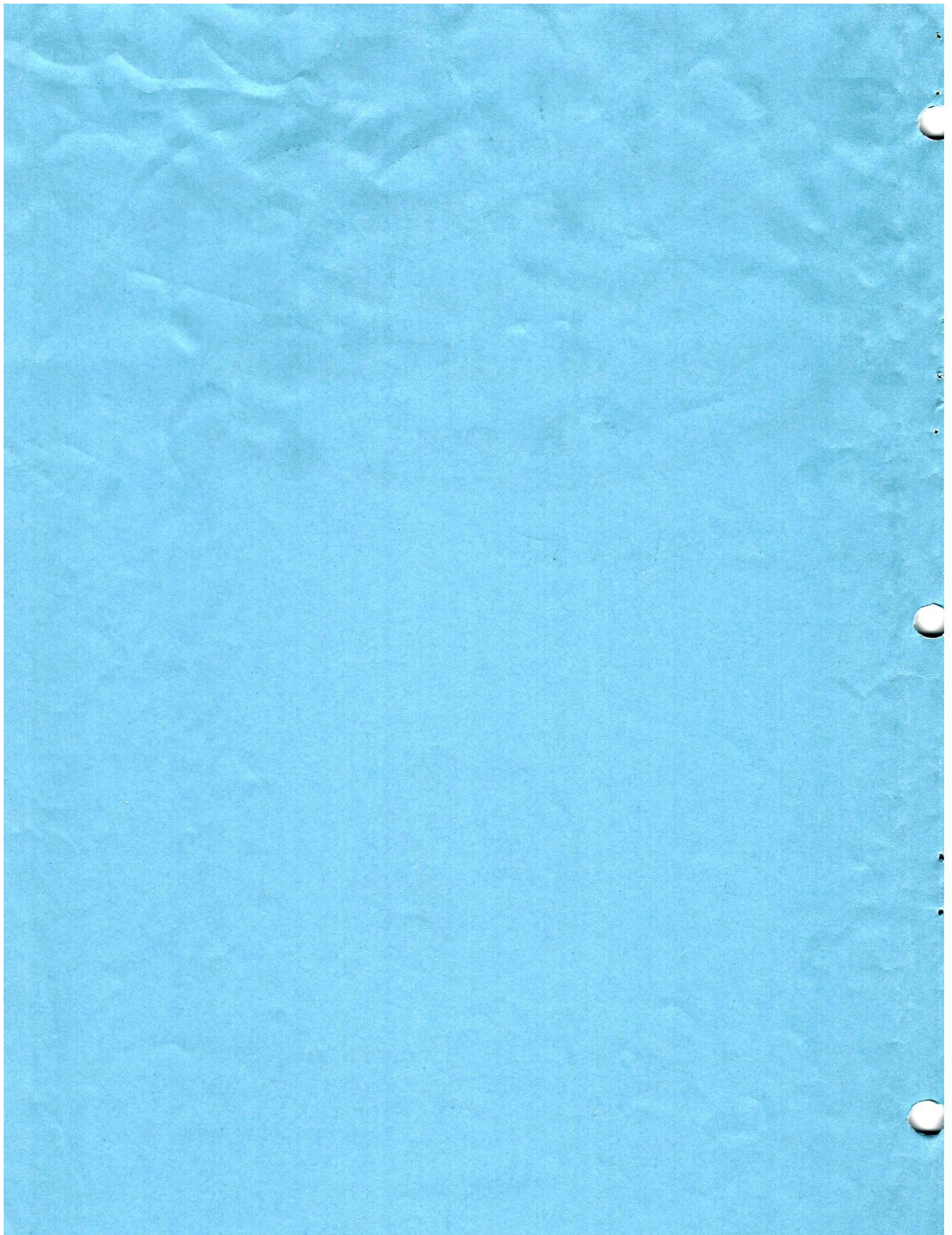


July 2002
North Carolina
Semiannual Dialysis
Report



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



July 2002 North Carolina Semiannual Dialysis Report

Issued July 1, 2002

Prepared by

Jim Keene, Planner

Medical Facilities Planning Section

Division of Facility Services

NC Department of Health and Human Services

Under the direction of the

North Carolina State Health Coordinating Council

For information or copies, contact the

Medical Facilities Planning Section

Division of Facility Services

2714 Mail Service Center

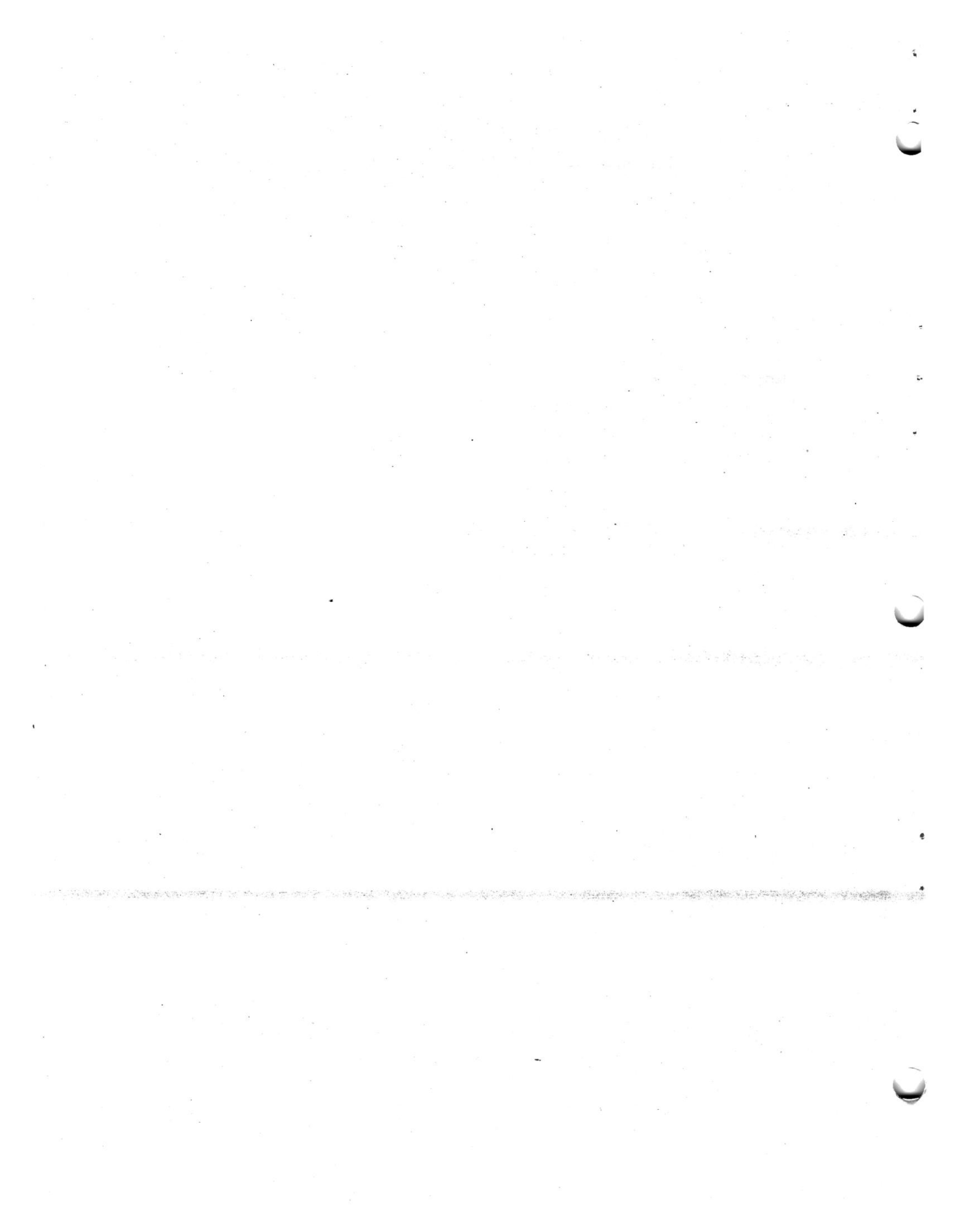
Raleigh, North Carolina 27699-2714

(919) 855 - 3865 *Telephone Number*

(919) 715 - 4413 *FAX Number*



The North Carolina Department of Health and Human Services does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or the provision of services.



END-STAGE RENAL DISEASE DIALYSIS FACILITIES

July 2002 Semiannual Dialysis Report

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 [*now known as the Centers for Medicare and Medicaid Services 'CMS'*] for the time period ending December 31, 2001." This document is the July 2002 SDR. It reiterates the methodology and presents need determinations for the Certificate of Need Review beginning October 1, 2002.

Summary of Dialysis Station Supply and Utilization

For purposes of the Semiannual Dialysis Report, as of June 20, 2002 there were 118 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 2,773 dialysis stations. Certificates of need had been issued for an additional 198 dialysis stations, but the stations were not yet certified. Another 90 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 December 31, 2001 are presented in the final two columns of Table A. Of the 117 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 December 31, 2001 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 December 31, 2001 were provided by the SEKC on May 10, 2002. The SEKC noted that these figures reflect data submitted to it by dialysis facilities in Network 6 and were current as of December 31, 2001. The SEKC noted 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 December 31, 2001 regardless of the county or state of each patient's residence. These figures were also provided by the SEKC on May 10, 2002. Again, the SEKC noted that these figures reflect data provided to it by dialysis facilities in Network 6 and were current as of December 31, 2001. The SEKC also noted that these figures 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. 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 Council encourages applicants for dialysis stations to provide or arrange for:
- a. Home training and backup for patients suitable for home dialysis in the ESRD dialysis facility or in a facility that is a reasonable distance from the patient's residence;
 - b. ESRD dialysis service availability at times that do not interfere with ESRD patients' work schedules;
 - c. Services in rural, remote areas.

Methodology:

Need for new dialysis stations shall be determined as follows:

(1) County Need (*for the July 2002 SDR – Using a new trend line based on 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 December 31, 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 December 31, 2002 patients.
- (B) The percent of each county's total patients who were home dialysis patients on December 31, 2001 is multiplied by the county's projected total December 31, 2002 patients, and the product is subtracted from the county's projected total December 31, 2002 patients. The remainder is the county's projected December 31, 2002 in-center dialysis patients.

- (C) The projected number of each county's December 31, 2002 in-center patients is divided by 3.2. The quotient is the projection of the county's December 31, 2002 in-center dialysis stations.
- (D) From each county's projected number of December 31, 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 December 31, 2002 projected station surplus or deficit.
- (E) If a county's December 31, 2002 projected station deficit is ten or greater and the July SDR shows that utilization of each dialysis facility in the county is 80% or greater, the December 31, 2002 county station need determination is the same as the December 31, 2002 projected station deficit. If a county's December 31, 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 December 31, 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 (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 12 (*the number of months from December 31, 2001 until December 31, 2002*) for the July 1, 2002 SDR. (*Note: For the July SDR, Steps (ii) and (iii) cancel one another.*)

- (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 "July 2002 North Carolina Semiannual Dialysis Report" and for receipt of certificate of need applications pursuant to this report 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 Date</u>
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 Application Due Date (September 16, 2002) is the filing deadline for any certificate of need application in response to this dialysis report. The filing deadline is absolute.

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

(Inventory Compiled 6/20/02; Utilization Rates Calculated for 12/31/01)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 6/20/02					Certified Stations 12/31/01	# In-Center Patients 12/31/01	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	3	0	33	30	100	83.3%	3.33
	34-2567	Burlington Dialysis Center	Burlington	27	0	0	0	27	25	73	73.0%	2.92
ALEXANDER								0				
ALLEGHANY								0				
ANSON	34-2560	Dialysis Care of Anson County	Wadesboro	13	0	0	0	13	13	29	55.8%	2.23
ASHE								0				
AVERY								0				
BEAUFORT	34-2561	BMA of Pamlico	Washington	25	0	0	0	25	18	66	91.7%	3.67
BERTIE	34-2547	Windsor Dialysis Unit (BMA)	Windsor	16	0	0	0	16	16	50	78.1%	3.13
BLADEN	34-2578	Southeastern Dialysis Center, Inc.	Elizabethtown	17	0	0	0	17	13	48	92.3%	3.69
BRUNSWICK	34-2582	Southeastern Dialysis Center, Inc.	Shallotte	11	0	0	0	11	11	32	72.7%	2.91
BUNCOMBE	34-2506	Asheville Kidney Center	Asheville	36	-10	10	0	36	36	153	106.3%	4.25
	n/a	Black Mountain Dialysis Center *	Black Mtn.	0	10	0	0	10				
	34-2604	Weaverville Dialysis Center	Weaverville	20	0	0	0	20	12	59	122.9%	4.92
BURKE	34-2563	BMA of Burke County	Morganton	15	10	0	0	25	15	60	100.0%	4.00
CABARRUS	34-2519	Metrolina Kidney Center (BMA-Concord)	Concord	30	-10	0	0	20	30	90	75.0%	3.00
	n/a	BMA of Kannapolis *	Kannapolis	0	10	0	0	10				
	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	84	72.4%	2.90
CAMDEN								0				
CARTERET	34-2588	Crystal Coast Dialysis Unit (BMA)	Morehead City	15	5	0	0	20	15	58	96.7%	3.87
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	121	91.7%	3.67
	n/a	FMC Catawba Valley Dialysis *	Conover	0	12	0	0	12				
CHATHAM	34-3501	Carolina Dialysis Siler City	Siler City	9	0	0	0	9	9	31	86.1%	3.44
	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	41	60.3%	2.41
CLAY								0				
CLEVELAND	34-2529	Dialysis Clinic, Inc. (DCI Shelby)	Shelby	29	0	0	0	29	29	87	75.0%	3.00
	34-2611	DCI Kings Mountain	Kings Mtn.	12	0	0	0	12	12	23	47.9%	1.92
COLUMBUS	34-2521	Southeastern Dialysis Center	Whiteville	25	-10	0	0	15	25	85	85.0%	3.40
	n/a	Chadborn Dialysis Center *	Chadborn	0	10	0	0	10				

* 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 6/20/02; Utilization Rates Calculated for 12/31/01)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 6/20/02					Certified Stations 12/31/01	# In-Center Patients 12/31/01	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	111	71.2%	2.85
	34-2585	FMC Craven County (Dialysis Care of...)	New Bern	29	0	0	0	29	24	62	64.6%	2.58
CUMBERLAND	34-2510	Fayetteville Kidney Center Inc. (BMA)	Fayetteville	41	-15	0	0	26	41	142	86.6%	3.46
	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	94	78.3%	3.13
	34-2601	FMC Dialysis Services-South Ramsey (BMA)	Fayetteville	38	0	0	0	38	38	116	76.3%	3.05
CURRITUCK							0					
DARE	34-2598	Dare County/Outer Banks Dialysis Clinic	Nags Head	9	0	0	0	9	9	14	38.9%	1.56
DAVIDSON	34-2553	Lexington Dialysis Center	Lexington	37	0	9	0	46	37	129	87.2%	3.49
DAVIE							0					
DUPLIN	34-2535	Southeastern Dialysis Ctr. Kenansville	Kenansville	16	4	0	0	20	16	67	104.7%	4.19
	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	56	87.5%	3.50
	34-2550	Gambro Healthcare-Durham	Durham	37	-10	0	0	27	37	144	97.3%	3.89
	n/a	Gambro Healthcare Durham-West *	Durham	0	20	0	0	20				
	34-2538	Freedom Lake Dialysis Center	Durham	26	0	0	0	26	28	97	86.6%	3.46
	34-2590	West Pettigrew Dialysis Center (FMC)	Durham	21	0	0	0	21	26	86	82.7%	3.31
	34-2615	FMC Dialysis Services of Briggs Avenue *	Durham	15	0	0	0	15	0	0	0.0%	0.00
EDGECOMBE	34-2577	Dialysis Care of Edgecombe Cnty.	Tarboro	20	0	0	0	20	15	56	93.3%	3.73
	34-2603	BMA of East Rocky Mount	Rocky Mount	21	0	0	0	21	15	55	91.7%	3.67
FORSYTH	34-2304	N. C. Baptist Hospitals, Inc.	Winston-Salem	4	0	0	0	4	4	6	37.5%	1.50
	34-2505	Piedmont Dialysis	Winston-Salem	50	0	0	0	50	50	180	90.0%	3.60
	34-2612	Northside Dialysis Center	Winston-Salem	22	0	0	0	22	22	74	84.1%	3.36
	34-2569	Salem Kidney Center	Winston-Salem	64	0	0	0	64	64	187	73.0%	2.92
FRANKLIN	34-2571	Dialysis Care of Franklin County	Louisburg	18	0	0	0	18	16	58	90.6%	3.63
GASTON	34-2513	BMA of Gastonia	Gastonia	39	0	0	0	39	39	126	80.8%	3.23
	34-2595	BMA of Kings Mountain	Kings Mountain	10	6	0	0	16	10	35	87.5%	3.50
GATES							0					
GRAHAM							0					
GRANVILLE	34-2520	FMC Dialysis Serv. Neuse River	Oxford	23	0	0	0	23	23	73	79.3%	3.17
GREENE							0					
GUILFORD	34-2537	BMA of South Greensboro	Greensboro	49	-5	0	0	44	47	149	79.3%	3.17
	34-2600	BMA of Southwest Greensboro	Jamestown	20	0	0	0	20	20	66	82.5%	3.30
	34-2504	Greensboro Kidney Center (BMA)	Greensboro	64	-35	10	0	39	64	211	82.4%	3.30
	34-2613	Northwest Greensboro Kidney Center (BMA)	Greensboro	15	0	0	0	15	15	43	71.7%	2.87
	n/a	BMA East Greensboro Kidney Center*	Greensboro	0	30	0	0	30				
	34-2514	High Point Kidney Center	High Point	42	0	0	0	42	37	129	87.2%	3.49
	34-2599	Triad Dialysis Center	High Point	13	0	0	0	13	11	43	97.7%	3.91

* 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 6/20/02; Utilization Rates Calculated for 12/31/01)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 6/20/02					Certified Stations 12/31/01	# In-Center Patients 12/31/01	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	29	0	0	0	29	29	89	76.7%	3.07
	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	92	76.7%	3.07
HAYWOOD	n/a	Waynesville Dialysis Center	Waynesville	0	11	0	0	11				
HENDERSON	34-2564	Hendersonville Dialysis Center, Inc.	Hendersonville	20	0	0	0	20	20	73	91.3%	3.65
HERTFORD	34-2570	Gambro Healthcare Ahoskie	Ahoskie	14	3	0	0	17	14	60	107.1%	4.29
HOKE	34-2579	Dialysis Care of Hoke County	Raeford	17	8	0	0	25	17	85	125.0%	5.00
HYDE								0				
IREDELL	34-2527	Statesville Dialysis Center Inc	Statesville	31	0	8	0	39	31	126	101.6%	4.06
	34-2606	Lake Norman Dialysis Center	Mooreville	10	0	8	0	18	10	45	112.5%	4.50
JACKSON	34-2556	Sylva Dialysis Center	Sylva	24	0	0	0	24	24	54	56.3%	2.25
JOHNSTON	34-2545	Smithfield Kidney Center (BMA)	Smithfield	13	0	0	0	13	13	43	82.7%	3.31
	34-2572	Johnston Dialysis Center, Inc. (BMA)	Smithfield	15	10	0	0	25	15	54	90.0%	3.60
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	105	164.1%	6.56
LENOIR	34-2518	Kinston Dialysis Unit (BMA Kinston)	Kinston	39	0	0	0	39	39	120	76.9%	3.08
	34-2609	FMC Vernon Dialysis	Kinston	18	0	0	0	18	18	59	81.9%	3.28
LINCOLN	34-2568	BMA of Lincolnnton	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	21	71	84.5%	3.38
MECKLENBURG	34-2554	BMA-West Charlotte	Charlotte	19	0	10	0	29	19	64	84.2%	3.37
	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	17	0	0	0	17	14	55	98.2%	3.93
	34-2306	Carolina's Medical Center	Charlotte	9	0	0	0	9	9	9	25.0%	1.00
	34-2523	Gambro Healthcare South Charlotte	Matthews	17	-2	0	0	15	17	60	88.2%	3.53
	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	49	61.3%	2.45
	34-2548	Gambro Healthcare Charlotte	Charlotte	31	-8	0	0	23	24	114	118.8%	4.75
	n/a	Gambro Healthcare East Charlotte *	Charlotte	0	10	0	0	10				
	34-2503	BMA of Charlotte	Charlotte	36	0	0	0	36	36	135	93.8%	3.75
	34-2605	BMA of East Charlotte	Charlotte	20	0	0	0	20	20	53	66.3%	2.65
34-2594	BMA of Nations Ford	Charlotte	14	0	0	0	14	14	41	73.2%	2.93	

* 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 6/20/02; Utilization Rates Calculated for 12/31/01)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 6/20/02					Certified Stations 12/31/01	# In-Center Patients 12/31/01	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	36	75.0%	3.00
MOORE	34-2555	Dialysis Care of Pinehurst (Moore Cnty.)	Pinehurst	39	0	0	0	39	32	113	88.3%	3.53
NASH	34-2517	Rocky Mount Kidney Center (BMA)	Rocky Mount	42	0	0	0	42	42	138	82.1%	3.29
NEW HANOVER	34-2511	Southeastern Dialysis Center Inc.	Wilmington	51	0	6	0	57	51	172	84.3%	3.37
NORTHAMPTON	34-2586	Rich Square Dialysis Unit (BMA Northampton)	Rich Square	14	0	0	0	14	14	52	92.9%	3.71
ONSLow	34-2532	Southeastern Dialysis Ctr. Jacksonville	Jacksonville	35	0	0	0	35	35	116	82.9%	3.31
ORANGE	34-3503	Carolina Dialysis Carrboro (UNC)	Carrboro	25	2	0	0	27	25	118	118.0%	4.72
PAMLICO								0				
PASQUOTANK	34-2515	Gambro Healthcare Elizabeth City	Elizabeth City	16	0	0	0	16	16	69	107.8%	4.31
PENDER	34-2558	Southeastern Dialysis Center Inc.	Burgaw	13	5	0	0	18	13	54	103.8%	4.15
PERQUIMANS								0				
PERSON	34-2562	Gambro Healthcare-Roxboro	Roxboro	11	9	0	0	20	11	59	134.1%	5.36
PITT	34-2502	Greenville Dialysis Center (BMA)	Greenville	43	-7	0	0	36	43	157	91.3%	3.65
	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	108	81.8%	3.27
POLK								0				
RANDOLPH	34-2524	Bio-Medical Applications of Asheboro	Asheboro	25	12	0	0	37	25	87	87.0%	3.48
RICHMOND	34-2539	Dialysis Care of Richmond County	Hamlet	21	0	0	0	21	21	56	66.7%	2.67
ROBESON	34-2528	BMA Lumberton Dialysis	Lumberton	37	-10	0	0	27	37	132	89.2%	3.57
	n/a	FMC Dialysis Services of Robeson County *	Fairmont	0	10	0	0	10				
	34-2607	BMA of Red Springs	Red Springs	20	0	0	0	20	20	40	50.0%	2.00
ROCKINGHAM	34-2536	Dialysis Care of Rockingham County	Eden	28	-3	0	0	25	28	85	75.9%	3.04
	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	24	75.0%	3.00
ROWAN	34-2546	Dialysis Care of Rowan County	Salisbury	27	0	0	0	27	27	78	72.2%	2.89
	34-2592	TRC - Kannapolis/South Rowan	Kannapolis	20	-10	0	0	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 6/20/02; Utilization Rates Calculated for 12/31/01)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 6/20/02					Certified Stations 12/31/01	# In-Center Patients 12/31/01	Utilization Rates	
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			By Percent	Patients per Station
SCOTLAND	34-2540	BMA of Laurinburg	Laurinburg	21	0	5	0	26	20	79	98.8%	3.95
STANLY	34-2565	BMA of Albemarle	Albemarle	16	0	0	0	16	16	55	85.9%	3.44
STOKES								0				
SURRY	34-2551	Mt. Airy Dialysis Center	Mt. Airy	16	0	0	0	16	16	61	95.3%	3.81
	34-2614	Elkin Dialysis Center	Elkin	10	0	0	0	10	10	14	35.0%	1.40
SWAIN	34-2602	Cherokee Dialysis Center	Cherokee	14	0	0	0	14	14	40	71.4%	2.86
TRANSYLVANIA								0				
TYRRELL								0				
UNION	34-2525	Metrolina Kidney Center (BMA Monroe)	Monroe	16	5	0	0	21	16	55	85.9%	3.44
	34-2526	Gambro Healthcare Union County	Monroe	16	5	0	0	21	16	87	135.9%	5.44
VANCE	34-2543	Gambro Healthcare-Henderson	Henderson	33	0	0	0	33	33	137	103.8%	4.15
WAKE	34-2544	Cary Kidney Center (BMA)	Cary	24	0	0	0	24	18	62	86.1%	3.44
	34-2512	Raleigh Clinic Dialysis (BMA)	Raleigh	43	0	0	0	43	43	168	97.7%	3.91
	34-2608	BMA of Fuquay Varina	Fuquay-Varina	12	0	0	0	12	12	37	77.1%	3.08
	34-2589	Zebulon Kidney Center (BMA)	Zebulon	13	0	0	0	13	9	36	100.0%	4.00
	34-2522	Wake Dialysis Clinic	Raleigh	48	-5	0	0	43	48	171	89.1%	3.56
	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	19	47.5%	1.90
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	30	75.0%	3.00
WAYNE	34-2531	Gambro Healthcare-Goldsboro	Goldsboro	25	0	0	0	25	25	88	88.0%	3.52
	34-2587	Gambro Healthcare-Goldsboro South	Goldsboro	16	0	0	0	16	16	68	106.3%	4.25
	34-2573	Gambro Healthcare-Mount Olive	Mount Olive	11	0	0	0	11	11	45	102.3%	4.09
	34-2576	Dialysis Care of Wayne County	Goldsboro	11	0	0	0	11	11	30	68.2%	2.73
WILKES	34-2313	Wilkes Regional Dialysis Center	N. Wilkesboro	10	0	0	0	10	10	32	80.0%	3.20
WILSON	34-2507	Gambro Healthcare-Wilson	Wilson	40	-10	0	0	30	40	148	92.5%	3.70
	n/a	Gambro Healthcare-Forest Hills	Forest Hills	0	10	0	0	10				
YADKIN								0				
YANCEY								0				
STATE TOTALS				2,773	198	90	0	3,061	2,687	9,125		

* 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 Total Patients	12/31/1998 Total Patients	12/31/1999 Total Patients	12/31/2000 Total Patients	12/31/2001 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12/31/2002 Total Patients	12/31/2001 Home Patients	12/31/2001 % Home Patients	Projected 12/31/2002 Home Patients	Projected 12/31/2002 In-Center Patients	Projected 12/31/02 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Alamance	131	139	150	166	179	0.081	193.6	8	4.5%	8.7	184.9	58	60	Surplus of 2	0
Alexander	16	21	18	22	23	0.109	25.5	4	17.4%	4.4	21.1	7	0	7	0
Alleghany	4	5	6	9	7	0.182	8.3	2	28.6%	2.4	5.9	2	0	2	0
Anson	39	45	41	53	57	0.108	63.2	4	7.0%	4.4	58.7	18	13	5	0
Ashe	12	12	11	11	8	-0.089	7.3	1	12.5%	0.9	6.4	2	0	2	0
Avery	7	7	8	9	13	0.178	15.3	4	30.8%	4.7	10.6	3	0	3	0
Beaufort	57	68	73	90	82	0.103	90.4	11	13.4%	12.1	78.3	24	25	Surplus of 1	0
Bertie	46	50	49	52	50	0.022	51.1	2	4.0%	2.0	49.1	15	16	Surplus of 1	0
Bladen	42	42	44	55	60	0.097	65.8	5	8.3%	5.5	60.3	19	17	2	0
Brunswick	53	56	62	70	66	0.059	69.9	13	19.7%	13.8	56.1	18	11	7	0
Buncombe	160	163	167	181	196	0.052	206.3	30	15.3%	31.6	174.7	55	66	Surplus of 11	0
Burke	62	63	70	83	78	0.063	82.9	19	24.4%	20.2	62.7	20	25	Surplus of 5	0
Cabarrus	96	108	143	152	152	0.128	171.5	11	7.2%	12.4	159.0	50	40	10	0*
Caldwell	68	91	89	98	100	0.109	110.9	12	12.0%	13.3	97.6	31	29	2	0
Camden	9	11	11	11	15	0.146	17.2	2	13.3%	2.3	14.9	5	0	5	0
Carteret	32	37	29	35	45	0.108	49.9	2	4.4%	2.2	47.7	15	20	Surplus of 5	0
Caswell	33	35	40	34	29	-0.023	28.3	2	6.9%	2.0	26.4	8	10	Surplus of 2	0
Catawba	101	113	130	134	128	0.064	136.2	27	21.1%	28.7	107.4	34	43	Surplus of 9	0
Chatham	51	58	49	53	54	0.021	55.1	8	14.8%	8.2	46.9	15	19	Surplus of 4	0
Cherokee	12	11	12	13	10	-0.035	9.7	2	20.0%	1.9	7.7	2	0	2	0
Chowan	30	37	33	35	29	0.004	29.1	4	13.8%	4.0	25.1	8	17	Surplus of 9	0
Clay	5	6	8	6	7	0.113	7.8	1	14.3%	1.1	6.7	2	0	2	0
Cleveland	96	114	133	147	151	0.122	169.4	24	15.9%	26.9	142.5	45	41	4	0
Columbus	75	88	86	104	101	0.083	109.4	8	7.9%	8.7	100.7	31	25	6	0
Craven	103	122	143	145	153	0.106	169.3	4	2.6%	4.4	164.9	52	68	Surplus of 16	0
Cumberland	299	330	323	382	406	0.082	439.3	45	11.1%	48.7	390.6	122	119	3	0
Currituck	7	6	8	7	11	0.159	12.8	2	18.2%	2.3	10.4	3	0	3	0
Dare	13	15	25	20	17	0.118	19.0	3	17.6%	3.4	15.6	5	9	Surplus of 4	0
Davidson	93	100	115	130	153	0.133	173.4	17	11.1%	19.3	154.1	48	46	2	0
Davie	16	16	16	19	23	0.100	25.3	4	17.4%	4.4	20.9	7	0	7	0
Duplin	73	88	88	104	118	0.130	133.4	9	7.6%	10.2	123.2	39	34	5	0
Durham	271	301	333	378	391	0.097	428.8	18	4.6%	19.7	409.0	128	125	3	0
Edgecombe	118	108	107	121	144	0.057	152.2	12	8.3%	12.7	139.5	44	41	3	0
Forsyth	394	407	412	442	460	0.040	478.3	49	10.7%	50.9	427.3	134	140	Surplus of 6	0
Franklin	58	56	65	61	69	0.049	72.4	1	1.4%	1.0	71.3	22	18	4	0
Gaston	147	164	189	182	182	0.058	192.5	28	15.4%	29.6	162.9	51	55	Surplus of 4	0
Gates	13	14	12	17	21	0.147	24.1	0	0.0%	0.0	24.1	8	0	8	0
Graham	4	9	7	9	12	0.412	16.9	4	33.3%	5.6	11.3	4	0	4	0

* Pursuant to 10 NCAC 3R .6377(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	12/31/1997 Total Patients	12/31/1998 Total Patients	12/31/1999 Total Patients	12/31/2000 Total Patients	12/31/2001 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12/31/2002 Total Patients	12/31/2001 Home Patients	12/31/2001 % Home Patients	Projected 12/31/2002 Home Patients	Projected 12/31/2002 In-Center Patients	Projected 12/31/02 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Granville	67	75	76	74	85	0.064	90.4	7	8.2%	7.4	83.0	26	23	3	0
Greene	29	21	24	23	33	0.065	35.1	2	6.1%	2.1	33.0	10	0	10	10
Gulford	462	491	529	580	621	0.077	668.7	39	6.3%	42.0	626.7	196	203	Surplus of 7	0
Halifax	103	108	110	116	115	0.028	118.2	9	7.8%	9.3	109.0	34	40	Surplus of 6	0
Harnett	89	83	84	98	103	0.041	107.2	14	13.6%	14.6	92.6	29	30	Surplus of 1	0
Haywood	37	30	25	41	41	0.071	43.9	10	24.4%	10.7	33.2	10	11	Surplus of 1	0
Henderson	45	48	50	53	62	0.085	67.2	10	16.1%	10.8	56.4	18	20	Surplus of 2	0
Herford	32	36	49	45	58	0.173	68.1	5	8.6%	5.9	62.2	19	17	2	0
Hoke	52	61	58	63	65	0.060	68.9	5	7.7%	5.3	63.6	20	25	Surplus of 5	0
Hyde	6	8	7	10	14	0.259	17.6	2	14.3%	2.5	15.1	5	0	5	0
Iredell	113	124	140	149	161	0.093	175.9	15	9.3%	16.4	159.5	50	57	Surplus of 7	0
Jackson	29	26	15	17	20	-0.054	18.9	0	0.0%	0.0	18.9	6	24	Surplus of 18	0
Johnston	112	103	110	122	138	0.057	145.9	9	6.5%	9.5	136.3	43	38	5	0
Jones	19	19	26	20	23	0.072	24.7	1	4.3%	1.1	23.6	7	10	Surplus of 3	0
Lee	92	96	100	99	96	0.011	97.1	10	10.4%	10.1	87.0	27	24	3	0
Lenoir	129	137	155	170	179	0.086	194.4	15	8.4%	16.3	178.1	56	57	Surplus of 1	0
Lincoln	28	34	34	33	39	0.092	42.6	3	7.7%	3.3	39.3	12	17	Surplus of 5	0
Macon	8	15	13	17	12	0.189	14.3	6	50.0%	7.1	7.1	2	0	2	0
Madison	5	10	4	7	7	0.288	9.0	1	14.3%	1.3	7.7	2	0	2	0
Marlin	47	52	66	68	77	0.135	87.4	8	10.4%	9.1	78.3	24	23	1	0
McDowell	23	26	25	28	23	0.008	23.2	6	26.1%	6.1	17.1	5	0	5	0
Mecklenburg	547	625	605	702	742	0.082	802.8	86	11.6%	93.0	709.8	222	234	Surplus of 12	0
Mitchell	3	6	10	9	12	0.475	17.7	1	8.3%	1.5	16.2	5	0	5	0
Montgomery	40	50	40	42	40	0.013	40.5	2	5.0%	2.0	38.5	12	12	0	0
Moores	78	84	97	117	115	0.105	127.1	7	6.1%	7.7	119.4	37	39	Surplus of 2	0
Nash	95	108	117	123	131	0.084	142.0	10	7.6%	10.8	131.2	41	42	Surplus of 1	0
New Hanover	151	150	155	140	149	-0.001	148.8	11	7.4%	11.0	137.8	43	57	Surplus of 14	0
Northampton	41	51	52	58	59	0.099	64.8	5	8.5%	5.5	59.3	19	14	5	0
Onslow	76	97	101	108	110	0.101	121.1	8	7.3%	8.8	112.3	35	35	0	0
Orange	73	78	76	85	109	0.111	121.1	6	5.5%	6.7	114.4	36	27	9	0
Pamlico	10	16	19	16	14	0.126	15.8	0	0.0%	0.0	15.8	5	0	5	0
Pasquotank	45	49	50	46	54	0.051	56.7	9	16.7%	9.5	47.3	15	16	Surplus of 1	0
Pender	52	52	53	61	63	0.051	66.2	6	9.5%	6.3	59.9	19	18	1	0
Perquimans	14	13	12	13	12	-0.035	11.6	1	8.3%	1.0	10.6	3	0	3	0
Person	50	59	60	69	69	0.087	75.0	2	2.9%	2.2	72.8	23	20	3	0
Pitt	187	188	204	206	241	0.068	257.3	30	12.4%	32.0	225.3	70	79	Surplus of 9	0
Polk	18	13	14	18	17	0.007	17.1	5	29.4%	5.0	12.1	4	0	4	0
Randolph	72	76	73	101	104	0.107	115.2	9	8.7%	10.0	105.2	33	37	Surplus of 4	0

Table B: ESRD Dialysis Station Need Determinations by County

COUNTY	12/31/1997 Total Patients	12/31/1998 Total Patients	12/31/1999 Total Patients	12/31/2000 Total Patients	12/31/2001 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12/31/2002 Total Patients	12/31/2001 Home Patients	12/31/2001 % Home Patients	Projected 12/31/2002 Home Patients	Projected 12/31/2002 In-Center Patients	Projected 12/31/02 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Richmond	60	76	75	69	76	0.069	81.2	7	9.2%	7.5	73.7	23	21	2	0
Robeson	171	191	201	223	255	0.106	281.9	22	8.6%	24.3	257.6	80	57	23	0*
Rockingham	114	126	139	152	144	0.062	153.0	10	6.9%	10.6	142.4	44	53	Surplus of 9	0
Rowan	105	125	118	131	129	0.057	136.4	25	19.4%	26.4	110.0	34	37	Surplus of 3	0
Rutherford	60	60	57	67	69	0.039	71.7	6	8.7%	6.2	65.4	20	22	Surplus of 2	0
Sampson	104	104	107	108	114	0.023	116.7	5	4.4%	5.1	111.6	35	39	Surplus of 4	0
Scotland	43	41	44	50	61	0.096	66.8	6	9.8%	6.6	60.3	19	26	Surplus of 7	0
Stanly	46	44	44	50	59	0.068	63.0	3	5.1%	3.2	59.8	19	16	3	0
Stokes	17	17	24	27	33	0.190	39.3	4	12.1%	4.8	34.5	11	0	11	11
Surry	52	62	59	51	62	0.056	65.5	10	16.1%	10.6	54.9	17	26	Surplus of 9	0
Swain	24	26	3	29	44	2.096	136.2	8	18.2%	24.8	111.4	35	14	21	0*
Transylvania	21	17	20	22	26	0.067	27.7	6	23.1%	6.4	21.3	7	0	7	0
Tyrrell	3	1	5	3	2	0.650	3.3	0	0.0%	0.0	3.3	1	0	1	0
Union	76	91	88	100	105	0.088	114.2	8	7.6%	8.7	105.5	33	42	Surplus of 9	0
Vance	94	101	108	112	120	0.063	127.6	2	1.7%	2.1	125.4	39	33	6	0
Wake	416	438	471	509	557	0.076	599.2	86	15.4%	92.5	506.7	158	150	8	0
Warren	19	24	32	34	38	0.194	45.4	0	0.0%	0.0	45.4	14	10	4	0
Washington	20	27	30	35	32	0.136	36.3	3	9.4%	3.4	32.9	10	11	Surplus of 1	0
Watauga	16	15	18	21	17	0.028	17.5	1	5.9%	1.0	16.5	5	10	Surplus of 5	0
Wayne	207	230	226	226	239	0.038	248.0	28	11.7%	29.1	219.0	68	63	5	0
Wilkes	35	31	36	40	46	0.077	49.5	7	15.2%	7.5	42.0	13	10	3	0
Wilson	121	125	124	137	157	0.069	167.8	20	12.7%	21.4	146.4	46	40	6	0
Yadkin	16	12	18	22	19	0.084	20.6	4	21.1%	4.3	16.3	5	0	5	0
Yancey	11	12	12	9	8	-0.068	7.5	2	25.0%	1.9	5.6	2	0	2	0
Unknowns	78	166	47	30	0			0							
State Totals	7,854	8,596	8,849	9,644	10,225			1,050	0						21

* Pursuant to 10 NCAC 3R .6377(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 -- July, 2002)

COUNTY	HSA	Number of New Dialysis Stations Needed	Certificate of Need Application Due Date *	Certificate of Need Beginning Review Date
Greene	VI	10	September 16, 2002	October 1, 2002
Stokes	II	11	September 16, 2002	October 1, 2002

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

