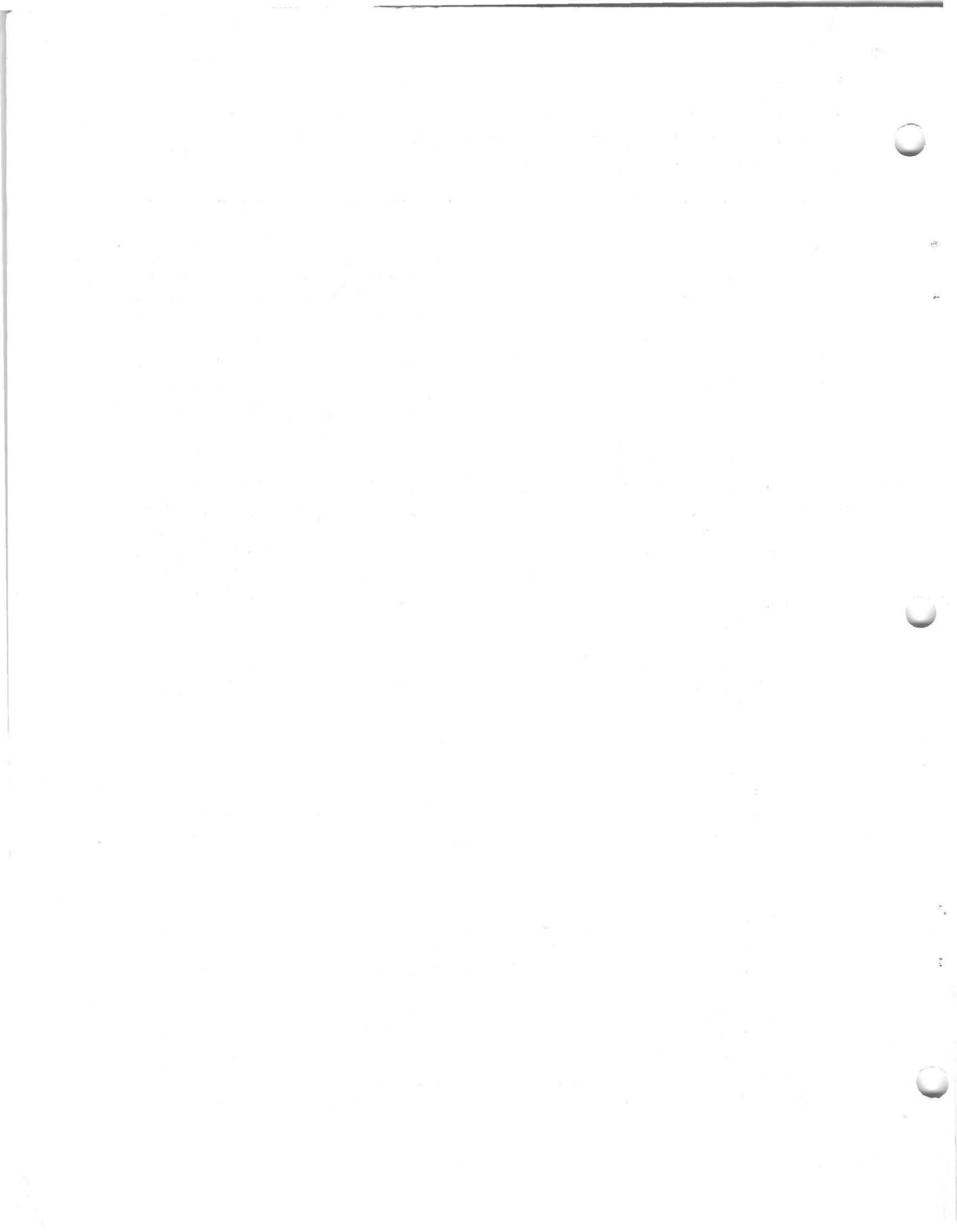


March 1997 Semiannual Dialysis Report for North Carolina



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



END-STAGE RENAL DISEASE DIALYSIS FACILITIES

March 1997 Semiannual Dialysis Report

Introduction

The 1997 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 1997 Plan specifies that the Semiannual Dialysis Reports "...will use facility, station and active patient data provided as of December 31, 1996 for the March SDR and as of June 30, 1997 for the September SDR. This document is the March 1997 SDR. It reiterates the methodology and presents need determinations for the first dialysis review period of 1997.

Summary of Dialysis Station Supply and Utilization

As of March 17, 1997, there were ninety-three End-Stage Renal Disease (ESRD) dialysis facilities certified and operating in North Carolina, providing a total of 1803 dialysis stations. Twelve new facilities and thirty-two requests for expansion were under consideration, but the stations involved were not yet Medicare certified, unless those stations were being transferred from an existing certified facility. Seven requests for reduction (*i.e., transfer of stations to other locations*) were also under consideration. The number of facilities per county ranged from zero to ten.

Utilization data as of December 31, 1996 are presented in the final two columns of Table A. Of the ninety-three certified facilities operational on that date, fifty-eight 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 Certification Section, Division of Facility Services, Department of Human Resources.

Dialysis Patient Data:

Data on the dialysis population by county and by facility as of December 31, 1996 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, 1996 were provided by the SEKC on January 20, 1997. The SEKC noted that these figures are preliminary and are not validated. Final figures are not

available until May. County totals from the SEKC were supplemented by data from the Mid-Atlantic Renal Coalition on February 28, 1997 indicating the number of patients residing in North Carolina counties and receiving dialysis in Virginia. Data for December 31st of 1992, 1993, 1994 and 1995 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, 1996 regardless of the county or state of each patient's residence. These figures were also provided by the SEKC on January 20, 1997. The totals are not considered final until after the annual data validation.

Method for Projection New Dialysis Station Need

The 1997 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 1997 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 Human Resources 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.

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 1992 to the end of 1996 is multiplied by the county's 1996 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 1997 patients.
- (B) The percent of each county's total patients who were home dialysis patients at the end of 1996 is multiplied by the county's projected total 1997 patients, and the product is subtracted from the county's projected total 1997 patients. The remainder is the county's projected 1997 in-center dialysis patients.
- (C) The projected number of each county's 1997 in-center patients is divided by 3.2. The quotient is the projection of the county's 1997 in-center dialysis stations (*i.e., the projected in-center station utilization*).
- (D) From each county's projected number of 1997 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 determination in previous State Medical Facilities Plans or Semiannual Dialysis Reports for which CON decisions have not been made. The remainder is the county's 1997 projected station surplus or deficit.
- (E) If a county's 1997 projected station deficit is 10 or greater and the SDR shows that utilization of each dialysis facility in the county is 80% or greater, the 1997 county station need determination is the same as the 1997 projected station deficit. If a county's 1997 projected station deficit is less than 10 or if the utilization of any dialysis facility in the county is less than 80%, the county's 1997 station need determination is zero.

(2) Facility Need (*Note: In the First SDR Period, Steps (ii) and (iii) cancel one another.*)

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 (SDR_1) is subtracted from the number of in-center dialysis patients reported in the current SDR (SDR_2). The difference is multiplied by 2 to project the net in-center change for one year. Divide the projected net in-center change for the year by the number of in-center patients from SDR_1 to determine the projected annual growth rate.

(ii) The quotient from Subpart (2)(B)(i) is divided by 12.

(iii) The quotient from Subpart (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 1997.

(iv) The product from Subpart (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 Subpart (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 Subpart (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 shall be accepted only if it demonstrates a need by utilizing one of the methods of determining need outlined in the State Medical Facilities Plan.

Timeline:

The schedule for publication of the North Carolina Semiannual Dialysis Reports and for receipt of certificate of applications based on each issue of this report in 1997 shall be as follows:

<i>Data for Period Ending</i>	<i>Receipt of SEKC Report</i>	<i>Publication of SDR</i>	<i>Receipt of CON Applications</i>	<i>Beginning Review Dates</i>
Dec. 31, 1996	Feb. 28, 1997	March 20, 1997	May 16, 1997	June 1, 1997
June 30, 1997	Aug. 29, 1997	Sept. 19, 1997	Nov. 14, 1997	Dec. 1, 1997

Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates
(Inventories Compiled 3/17/97; Utilization Rates Calculated for 12/31/96)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 3/17/97					Certified Stations 12/31/96	# In-Center Patients 12/31/96	Utilization Rate	
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			By Percent	Patients per Station
ALAMANCE	34-2533	BMA of Burlington	Burlington	22	0	0	0	22	22	63	71.6%	2.86
	34-2567	Renal Treatment Center-Burlington	Burlington	13	0	0	0	13	7	41	146.4%	5.86
ALEXANDER								0				
ALLEGHANY								0				
ANSON	34-2560	Dialysis Care of Anson County	Wadesboro	8	0	0	0	8	8	19	59.4%	2.38
ASHE								0				
AVERY								0				
BEAUFORT	34-2561	BMA of Pamlico	Washington	17	0	0	0	17	17	48	70.6%	2.82
BERTIE	34-2547	Windsor Dialysis Unit (BMA)	Windsor	14	2	0	0	16	14	40	71.4%	2.86
BLADEN	34-2578	Southeastern Dialysis Center, Inc.	Elizabethtown	8	0	0	0	8	8	33	103.1%	4.13
BRUNSWICK	34-2582	Southeastern Dialysis Center, Inc.	Shalotte	11	0	0	0	11	11	30	68.2%	2.73
BUNCOMBE	34-2506	Asheville Kidney Center	Asheville	28	8	0	0	36	28	121	108.0%	4.32
	34-2300	Memorial Mission Hospital ESRD Center	Asheville	4	0	0	0	4	4	2	12.5%	0.50
BURKE	34-2563	BMA of Burke County	Morganton	15	0	0	0	15	15	52	86.7%	3.47
CABARRUS	34-2519	Metrolina Kidney Center (BMA-Concord)	Concord	18	10	0	0	28	18	91	126.4%	5.06
	34-2312	Cabarrus Memorial Hospital	Concord	1	0	0	0	1	1	0	0.0%	0.00
CALDWELL	34-2509	BMA-Lenoir (Northwestern Dialysis)	Lenoir	18	0	0	2	20	18	64	88.9%	3.56
CAMDEN								0				
CARTERET	n/a	Crystal Coast Dialysis Unit (BMA)	Morehead City	0	6	0	0	6	0	0	0%	0.00
CASWELL	n/a	<i>(Two applicants for the Sept., 1996 County Need Determination)</i>						10	10	0	0%	0.00
CATAWBA	34-2516	BMA-Hickory (Northwestern Dialysis)	Hickory	22	6	0	0	28	22	95	108.0%	4.32
CHATHAM	34-2314	Carolina Dialysis Siler City	Siler City	9	0	0	0	9	9	27	75.0%	3.00
CHEROKEE								0				
CHOWAN	34-2541	Vivra Renal Care of Edenton	Edenton	13	0	0	0	13	6	40	166.7%	6.67
CLAY								0				
CLEVELAND	34-2529	Dialysis Clinic, Inc. (DIC Shelby)	Shelby	17	0	0	5	22	17	73	107.4%	4.29
COLUMBUS	34-2521	Southeastern Dialysis Center	Whiteville	14	0	0	4	18	14	49	87.5%	3.50
CRAVEN	34-2534	New Bern Dialysis Unit (BMA)	New Bern	28	8	0	0	36	28	113	100.9%	4.04
	34-2585	Dialysis Care of Craven County	New Bern	14	0	0	0	14	14	0	0.0%	0.00

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				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			By Percent	Patients per Sta.
CUMBERLAND	34-2510	Fayetteville Kidney Center Inc. (BMA)	Fayetteville	60	-20	6	0	46	60	235	97.9%	3.92
	n/a	BMA of Cape Fear *	Fayetteville	0	20	0	0	20				
CURRITUCK								0				
DARE	n/a	Outer Banks Dialysis Clinic	Nags Head	0	4	0	0	4	0	0	0.0%	0.00
DAVIDSON	34-2553	Lexington Dialysis Center	Lexington	29	0	0	0	29	29	70	60.3%	2.41
DAVIE								0				
DUPLIN	34-2535	Southeastern Dialysis Ctr. Kenansville	Kenansville	13	0	0	2	15	13	44	84.6%	3.38
DURHAM	34-2302	Duke University Hospital ESRD Unit	Durham	16	0	0	0	16	16	45	70.3%	2.81
	34-2550	GANBRO Healthcare-Durham	Durham	27	0	0	0	27	27	103	95.4%	3.81
	34-2538	Durham Dialysis Unit-Freedom Lake Dr.	Durham	31	-15	3	0	19	31	110	88.7%	3.55
	n/a	Pettigrew Dialysis Center *	Durham	0	15	0	0	15				
EDGECOMBE	34-2577	Dialysis Care of Edgecombe Cnty.	Tarboro	15	0	0	0	15	15	26	43.3%	1.73
FORSYTH	34-2304	N. C. Baptist Hospital, Inc.	Winston-Salem	8	0	0	0	8	8	0	0.0%	0.00
	34-2505	Piedmont Dialysis	Winston-Salem	72	0	0	0	72	72	192	66.7%	2.67
	34-2569	Salem Kidney Center	Winston-Salem	45	3	0	0	48	45	146	81.1%	3.24
FRANKLIN	34-2571	Dialysis Care of Franklin County	Louisburg	10	6	0	0	16	10	45	112.5%	4.50
GASTON	34-2513	BMA of Lowell (BMA-Gaston Cnty.)	Gastonia	26	10	0	-5	31	26	109	104.8%	4.19
	n/a	BMA of Kings Mountain **	Kings Mountain	0	0	0	10	10				
GATES								0				
GRAHAM								0				
GRANVILLE	34-2520	Neuse River Dialysis Center (Oxford)	Creedmoor	12	6	0	0	18	12	52	108.3%	4.33
GREENE								0				
GUILFORD	34-2537	BMA of South Greensboro	Greensboro	40	0	0	0	40	40	129	80.6%	3.23
	34-2504	Greensboro Kidney Center (BMA)	Greensboro	59	0	0	0	59	59	194	82.2%	3.29
	34-2514	High Point Kidney Center	High Point	26	0	0	0	26	26	91	87.5%	3.50
HALIFAX	34-2542	Roanoke Rapids Dialysis Center (BMA)	Roanoke Rapids	21	0	0	0	21	21	58	69.0%	2.76
HARNETT	34-2557	Dunn Kidney Center	Dunn	20	0	0	0	20	20	77	96.3%	3.85
HAYWOOD								0				
HENDERSON	34-2564	Hendersonville Dialysis Center, Inc.	Hendersonville	10	0	0	0	10	10	33	82.5%	3.30
HERTFORD	34-2570	Vivra Renal Care of Ahoskie	Ahoskie	12	0	0	0	12	12	36	75.0%	3.00
HOKE	34-2579	Dialysis Care of Hoke County	Raeford	9	6	0	0	15	9	46	127.8%	5.11
HYDE								0				
IREDELL	34-2527	Statesville Dialysis Center Inc	Statesville	24	8	0	0	32	24	93	96.9%	3.88

* 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 and new stations.

Table A: Inventory of Dialysis Stations and Calculation of Utilization Rates
(Inventory Compiled 3/17/97; Utilization Rates Calculated for 12/31/96)

COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 3/17/97					Certified Stations 12/31/96	# In-Center Patients 12/31/96	Utilization Rate		
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			By Percent	Patients per Sta.	
JACKSON	34-2556	Sylva Dialysis Center	Sylva	19	0	0	0	19	19	67	88.2%	3.53	
JOHNSTON	34-2545	Smithfield Kidney Center (BMA)	Smithfield	10	0	0	0	10	10	30	75.0%	3.00	
	34-2572	Johnston Dialysis Center, Inc.	Smithfield	10	0	0	0	10	10	42	105.0%	4.20	
JONES								0					
LEE	34-3500	Carolina Dialysis Sanford (UNC/Renal)	Sanford	16	6	0	0	22	16	88	137.5%	5.50	
LENOIR	34-2518	Kinston Dialysis Unit (BMA)	Kinston	28	4	2	0	34	28	108	96.4%	3.86	
LINCOLN	34-2568	BMA of Lincolnton	Lincolnton	11	0	0	0	11	7	28	100.0%	4.00	
MCDOWELL								0					
MACON								0					
MADISON								0					
MARTIN	34-2584	Dialysis Care of Martin County	Williamston	9	0	0	0	9	9	36	100.0%	4.00	
MECKLENBURG	34-2554	BMA-West Charlotte	Charlotte	10	0	0	0	10	10	38	95.0%	3.80	
	34-2581	BMA of Beatties Ford (Metrolina)	Charlotte	12	0	4	0	16	12	41	85.4%	3.42	
	34-2549	BMA of North Charlotte	Charlotte	14	0	0	0	14	14	56	100.0%	4.00	
	34-2306	Carolina's Medical Center	Charlotte	9	0	0	0	9	9	0	0.0%	0.00	
	34-2523	Vivra Renal Care of South Charlotte	Matthews	12	0	0	0	12	12	21	43.8%	1.75	
	34-2552	Dialysis Care of Charlotte (Meck. Cnty.)	Charlotte	20	-10	0	0	10	20	63	78.8%	3.15	
	n/a	DCNC-Charlotte North Campus *	Charlotte	0	10	0	0	10					
	34-2548	Vivra Renal Care of Charlotte	Charlotte	19	0	0	2	21	19	74	97.4%	3.89	
	34-2503	BMA of Charlotte (Metrolina-Charlotte)	Charlotte	37	0	0	0	37	37	104	70.3%	2.81	
34-2309	Presbyterian Hspital	Charlotte	2	0	0	0	2	2	0	0.0%	0.00		
MITCHELL								0					
MONTGOMERY	34-2583	Dialysis Care of Montgomery County	Troy	6	0	2	0	8	6	19	79.2%	3.17	
MOORE	34-2555	Dialysis Care of Pinehurst (Moore Cnty.)	Pinehurst	19	0	6	0	25	19	66	86.8%	3.47	
NASH	34-2517	Rocky Mount Kidney Center (BMA)	Rocky Mount	41	0	0	2	43	41	140	85.4%	3.41	
NEW HANOVER	34-2511	Southeastern Dialysis Center Inc.	Wilmington	41	-18	0	10	33	41	153	93.3%	3.73	
	n/a	Cape Fear Center (Southeastern Dialysis) *	Wilmington	0	18	0	0	18					
NORTHAMPTON	34-2586	BMA of Rich Square (Northampton Co.)	Rich Square	10	0	0	0	10	10	0	0.0%	0.00	
ONSLow	34-2532	Southeastern Dialysis Ctr. Jacksonville	Jacksonville	18	0	0	6	24	18	73	101.4%	4.06	
ORANGE	34-2305	UNC Hospitals (Carolina Dia. Carrboro)	Chapel Hill	25	0	0	0	25	25	90	90.0%	3.60	
PAMLICO								0					
PASQUOTANK	34-2515	Vivra Renal Care of 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	36	69.2%	2.77	

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

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				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			By Percent	Patients per Sta.
PERQUIMANS								0				
PERSON	34-2562	GAMBRO Healthcare-Roxboro	Roxboro	11	0	0	0	11	11	41	93.2%	3.73
PITT	34-2502	Greenville Dialysis Center (BMA)	Greenville	50	-25	0	3	28	50	184	92.0%	3.68
	n/a	BMA of East Carolina University *	Greenville	0	25	0	0	25				
	34-2303	Pitt County Memorial Hospital	Greenville	6	0	0	0	6	6	6	25.0%	1.00
POLK	n/a	<i>(One applicant for the Sept., 1996 County Need Determination; application denied 2/28/97)</i>						0				
RANDOLPH	34-2524	Bio-Medical Applications of Asheboro	Asheboro	21	0	0	0	21	21	62	73.8%	2.95
RICHMOND	34-2539	Dialysis Care of Hamlet (Richmond Cnty.)	Hamlet	14	0	0	0	14	14	50	89.3%	3.57
ROBESON	34-2528	Lumberton Dialysis Unit (BMA)	Lumberton	40	0	0	0	40	40	112	70.0%	2.80
ROCKINGHAM	34-2536	Dialysis Care of Rockingham County	Eden	18	0	0	0	18	18	50	69.4%	2.78
	34-2574	Vivra Renal Care of Reidsville	Reidsville	8	0	0	0	8	8	10	31.3%	1.25
ROWAN	34-2546	Dialysis Care of Salisbury (Rowan Co.)	Salisbury	37	0	0	-10	27	37	62	41.9%	1.68
	n/a	Dialysis Care of Rowan County *	Kannapolis	0	0	0	10	10				
RUTHERFORD	34-2566	Dialysis Care of Rutherford County	Forest City	14	0	0	0	14	14	31	55.4%	2.21
SAMPSON	34-2559	BMA of Clinton	Clinton	21	7	0	0	28	21	79	94.0%	3.76
SCOTLAND	34-2540	Laurinburg Dialysis Center (BMA of)	Laurinburg	15	0	0	0	15	15	57	95.0%	3.80
STANLY	34-2565	Metrolina of Albemarle (BMA Albemarle)	Albemarle	8	0	0	0	8	8	26	81.3%	3.25
STOKES								0				
SURRY	34-2551	Mt. Airy Dialysis Center	Mt. Airy	18	5	0	0	23	18	62	86.1%	3.44
SWAIN								0				
TRANSYLVANIA								0				
TYRREL								0				
UNION	34-2525	Metrolina Kidney Center (Monroe)	Monroe	12	0	0	0	12	12	29	60.4%	2.42
	34-2526	Vivra Renal Care of Monroe	Monroe	12	0	0	0	12	12	49	102.1%	4.08
VANCE	34-2543	GAMBRO Healthcare-Henderson	Henderson	23	0	0	0	23	23	116	126.1%	5.04
WAKE	34-2544	Cary Kidney Center	Cary	9	0	0	4	13	6	31	129.2%	5.17
	34-2512	Raleigh Clinic Dialysis (BMA)	Raleigh	29	10	0	0	39	29	126	108.6%	4.34
	n/a	BMA of Zebulon*	Zebulon	0	8	0	0	8				
	34-2522	Wake Dialysis Clinic	Raleigh	48	0	0	0	48	48	139	72.4%	2.90

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

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COUNTY	PROVIDER NUMBER	FACILITY	CITY	Number of Dialysis Stations as of 3/17/97					Certified Stations 12/31/96	# In-Center Patients 12/31/96	Utilization Rate	
				Certified	CON Issued /Not Cert.	Decision Rendered	Decision Pending	TOTAL			By Percent	Patients per Sta.
WARREN								0				
WASHINGTON								0				
WATAUGA	34-2311	Watauga Kidney Dialysis Center	Boone	8	0	0	0	8	8	30	93.8%	3.75
WAYNE	34-2531	GAMBRO Healthcare-Goldsboro	Goldsboro	15	0	0	0	15	30	142	118.3%	4.73
	n/a	GAMBRO Healthcare-Goldsboro South *	Goldsboro	0	15	0	0	15				
	34-2573	GAMBRO Healthcare-Mount Olive	Mount Olive	11	0	0	0	11	11	37	84.1%	3.36
	34-2576	Dialysis Care of Goldsboro (Wayne Cnty.)	Goldsboro	11	0	0	0	11	11	17	38.6%	1.55
WILKES	34-2313	Wilkes Regional Medical Center	N. Wilkesboro	7	0	0	0	7	7	24	85.7%	3.43
WILSON	34-2507	GAMBRO Healthcare-Wilson	Wilson	31	0	0	0	31	31	131	105.6%	4.23
YADKIN								0				
YANCEY								0				
STATE TOTALS				1,803	138	23	55	2,019	1,798	6,069		

* 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	12/31/92 Total Patients	12/31/93 Total Patients	12/31/94 Total Patients	12/31/95 Total Patients	12/31/96 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12/31/97 Total Patients	12/31/96 Home Patients	12/31/96 % Home Patients	Projected 12/31/97 Home Patients	Projected 12/31/97 In-Center Patients	Projected 12/31/97 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Alamance	84	88	96	91	117	0.093	127.9	11	9.4%	12.0	115.9	36	35	1	0
Alexander	16	14	14	11	19	0.097	20.8	6	31.6%	6.6	14.3	4	0	4	0
Alleghany	1	3	5	4	5	0.679	08.4	1	20.0%	1.7	6.7	2	0	2	0
Anson	27	31	29	24	37	0.113	41.2	7	18.9%	7.8	33.4	10	8	2	0
Ashe	7	8	5	7	9	0.113	10.0	4	44.4%	4.5	5.6	2	0	2	0
Avery	3	5	5	6	4	0.133	04.5	2	50.0%	2.3	2.3	1	0	1	0
Beaufort	34	44	46	40	48	0.102	52.9	10	20.8%	11.0	41.9	13	17	Surplus of 4	0
Bertie	24	27	28	26	28	0.042	29.2	3	10.7%	3.1	26.0	8	16	Surplus of 8	0
Bladen	31	31	34	31	40	0.075	43.0	6	15.0%	6.4	36.5	11	8	3	0
Brunswick	39	41	44	45	50	0.065	53.2	6	12.0%	6.4	46.8	15	11	4	0
Buncombe	73	107	107	117	126	0.159	146.0	31	24.6%	35.9	110.1	34	40	Surplus of 6	0
Burke	47	50	46	49	57	0.053	60.0	10	17.5%	10.5	49.5	15	15	0	0
Cabarrus	58	63	79	63	95	0.161	110.3	12	12.6%	13.9	96.4	30	29	1	0
Caldwell	54	62	65	71	76	0.090	82.8	5	6.6%	5.4	77.4	24	20	4	0
Camden	4	8	10	8	10	0.325	13.3	0	0.0%	0.0	13.3	4	0	4	0
Carteret	14	22	21	21	30	0.239	37.2	9	30.0%	11.1	26.0	8	6	2	0
Caswell	12	20	25	29	28	0.261	35.3	7	25.0%	8.8	26.5	8	10	Surplus of 2	0
Catawba	66	71	73	74	94	0.097	103.1	20	21.3%	21.9	81.2	25	28	Surplus of 3	0
Chatham	31	33	38	45	51	0.133	57.8	4	7.8%	4.5	53.3	17	9	8	0
Cherokee	4	6	11	10	7	0.236	08.6	3	42.9%	3.7	4.9	2	0	2	0
Chowan	22	20	20	19	22	0.004	22.1	2	9.1%	2.0	20.1	6	13	Surplus of 7	0
Clay	2	3	5	2	4	0.392	05.6	0	0.0%	0.0	5.6	2	0	2	0
Cleveland	56	63	72	64	90	0.141	102.7	13	14.4%	14.8	87.8	27	22	5	0
Columbus	46	46	51	52	72	0.128	81.2	13	18.1%	14.7	66.6	21	18	3	0
Craven	55	60	76	77	81	0.106	89.6	6	7.4%	6.6	82.9	26	50	Surplus of 24	0
Cumberland	177	200	211	203	273	0.123	306.6	48	17.6%	53.9	252.7	79	66	13	13
Currituck	5	8	7	6	7	0.125	07.9	0	0.0%	0.0	7.9	2	0	2	0
Dare	9	8	9	7	12	0.126	13.5	4	33.3%	4.5	9.0	3	4	Surplus of 1	0
Davidson	70	84	74	72	85	0.059	90.0	19	22.4%	20.1	69.9	22	29	Surplus of 7	0
Davie	13	11	13	12	13	0.009	13.1	0	0.0%	0.0	13.1	4	0	4	0
Duplin	46	49	53	48	71	0.133	80.4	8	11.3%	9.1	71.4	22	15	7	0
Durham	173	211	235	237	259	0.109	287.1	29	11.2%	32.2	255.0	80	77	3	0
Edgecombe	85	84	78	85	116	0.093	126.8	15	12.9%	16.4	110.4	34	15	19	*0
Forsyth	284	306	365	323	345	0.056	364.3	51	14.8%	53.8	310.4	97	128	Surplus of 31	0
Franklin	40	39	46	43	55	0.092	60.1	5	9.1%	5.5	54.6	17	16	1	0
Gaston	82	95	113	104	128	0.125	144.0	21	16.4%	23.6	120.4	38	41	Surplus of 3	0
Gates	12	12	11	10	12	0.006	12.1	1	8.3%	1.0	11.1	3	0	3	0
Graham	3	4	6	6	5	0.167	05.8	0	0.0%	0.0	5.8	2	0	2	0

* Pursuant to 10 NCAC 3R .3056(b)(1)(E), "Table B" indicates a "Projected Station Deficit" of 19 stations in Edgecombe County, but "Table A" shows that the facility in Edgecombe County is operating below 80% utilization; therefore, the County's station need determination is zero.

Table B: ESRD Dialysis Station Need Determinations by County

COUNTY	12/31/92 Total Patients	12/31/93 Total Patients	12/31/94 Total Patients	12/31/95 Total Patients	12/31/96 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12/31/97 Total Patients	12/31/96 Home Patients	12/31/96 % Home Patients	Projected 12/31/97 Home Patients	Projected 12/31/97 In-Center Patients	Projected 12/31/97 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Granville	38	44	52	54	59	0.118	65.9	5	8.5%	5.6	60.4	19	18	1	0
Greene	12	14	17	16	23	0.190	27.4	3	13.0%	3.6	23.8	7	0	7	0
Guilford	265	301	352	337	424	0.130	479.2	51	12.0%	57.6	421.6	132	125	7	0
Halifax	61	68	64	70	86	0.095	94.1	25	29.1%	27.4	66.8	21	21	0	0
Harnett	51	51	65	64	75	0.108	83.1	8	10.7%	8.9	74.2	23	20	3	0
Haywood	19	17	17	19	26	0.095	28.5	13	50.0%	14.2	14.2	4	0	4	0
Henderson	15	22	25	25	35	0.251	43.8	13	37.1%	16.3	27.5	9	10	Surplus of 1	0
Hertford	23	26	21	26	39	0.169	45.6	8	20.5%	9.4	36.2	11	12	Surplus of 1	0
Hoke	18	25	33	33	34	0.185	40.3	3	8.8%	3.6	36.7	11	15	Surplus of 4	0
Hyde	4	8	5	6	7	0.248	08.7	1	14.3%	1.2	7.5	2	0	2	0
Iredell	67	77	81	75	101	0.118	113.0	24	23.8%	26.8	86.1	27	32	Surplus of 5	0
Jackson	9	10	13	13	10	0.045	10.5	3	30.0%	3.1	7.3	2	19	Surplus of 17	0
Johnston	77	81	80	72	93	0.058	98.4	13	14.0%	13.8	84.6	26	20	6	0
Jones	4	8	7	9	10	0.318	13.2	0	0.0%	0.0	13.2	4	0	4	0
Lee	41	42	55	47	64	0.138	72.8	9	14.1%	10.2	62.6	20	22	Surplus of 2	0
Lenoir	78	94	101	103	120	0.116	133.9	19	15.8%	21.2	112.7	35	34	1	0
Lincoln	16	13	18	15	25	0.174	29.4	6	24.0%	7.0	22.3	7	11	Surplus of 4	0
Macon	8	10	7	6	12	0.202	14.4	8	66.7%	9.6	4.8	2	0	2	0
Madison	7	6	6	7	5	-0.065	04.7	1	20.0%	0.9	3.7	1	0	1	0
Martin	29	30	39	39	39	0.084	42.3	4	10.3%	4.3	37.9	12	9	3	0
McDowell	9	9	13	16	21	0.247	26.2	6	28.6%	7.5	18.7	6	0	6	0
Mecklenburg	331	365	395	374	456	0.088	496.0	90	19.7%	97.9	398.1	124	141	Surplus of 17	0
Mitchell	2	4	3	3	5	0.354	06.8	3	60.0%	4.1	2.7	1	0	1	0
Montgomery	25	26	25	26	33	0.078	35.6	7	21.2%	7.5	28.0	9	8	1	0
Moore	52	54	59	52	69	0.085	74.9	6	8.7%	6.5	68.3	21	25	Surplus of 4	0
Nash	65	69	66	67	83	0.068	88.6	17	20.5%	18.2	70.5	22	43	Surplus of 21	0
New Hanover	111	113	117	101	132	0.056	139.4	20	15.2%	21.1	118.3	37	51	Surplus of 14	0
Northampton	38	41	38	32	38	0.009	38.3	13	34.2%	13.1	25.2	8	10	Surplus of 2	0
Onslow	46	46	60	59	82	0.169	95.9	13	15.9%	15.2	80.7	25	24	1	0
Orange	55	79	68	60	79	0.124	88.8	8	10.1%	9.0	79.8	25	25	0	0
Pamlico	10	10	8	11	15	0.135	17.0	3	20.0%	3.4	13.6	4	0	4	0
Pasquotank	28	30	39	30	39	0.110	43.3	5	12.8%	5.6	37.7	12	16	Surplus of 4	0
Pender	32	41	47	46	50	0.123	56.2	5	10.0%	5.6	50.5	16	13	3	0
Perquimans	6	6	10	11	15	0.283	19.2	3	20.0%	3.8	15.4	5	0	5	0
Person	30	39	37	37	42	0.096	46.0	3	7.1%	3.3	42.7	13	11	2	0
Pitt	105	125	148	147	177	0.143	202.3	29	16.4%	33.1	169.2	53	59	Surplus of 6	0
Polk	1	9	10	11	16	2.166	50.7	6	37.5%	19.0	31.7	10	0	10	10
Randolph	52	57	56	52	63	0.055	66.4	8	12.7%	8.4	58.0	18	21	Surplus of 3	0

Table B: ESRD Dialysis Station Need Determinations by County

COUNTY	12/31/92 Total Patients	12/31/93 Total Patients	12/31/94 Total Patients	12/31/95 Total Patients	12/31/96 Total Patients	Average Annual Change Rate for Past Five Years	Projected 12/31/97 Total Patients	12/31/96 Home Patients	12/31/96 % Home Patients	Projected 12/31/97 Home Patients	Projected 12/31/97 In-Center Patients	Projected 12/31/97 In-Center Station Utilization	Total Available Stations	Projected Station Deficit or Surplus	County Station Need Determination
Richmond	35	36	45	46	66	0.184	78.1	8	12.1%	9.5	68.7	21	14	7	0
Robeson	125	133	153	140	156	0.061	165.5	19	12.2%	20.2	145.3	45	40	5	0
Rockingham	72	72	89	87	95	0.076	102.3	17	17.9%	18.3	84.0	26	26	0	0
Rowan	87	113	115	92	83	0.005	83.4	21	25.3%	21.1	62.3	19	37	Surplus of 18	0
Rutherford	17	18	32	31	43	0.298	55.8	12	27.9%	15.6	40.2	13	14	Surplus of 1	0
Sampson	49	63	73	85	87	0.158	100.8	7	8.0%	8.1	92.6	29	28	1	0
Scotland	39	50	43	42	49	0.071	52.5	10	20.4%	10.7	41.8	13	15	Surplus of 2	0
Stanly	16	25	26	20	32	0.243	39.8	5	15.6%	6.2	33.6	10	8	2	0
Stokes	18	16	19	16	15	-0.036	14.5	3	20.0%	2.9	11.6	4	0	4	0
Surry	30	30	38	35	52	0.168	60.8	4	7.7%	4.7	56.1	18	23	Surplus of 5	0
Swain	13	16	22	23	37	0.315	48.7	4	10.8%	5.3	43.4	14	0	14	14
Transylvania	9	12	15	16	18	0.194	21.5	12	66.7%	14.3	7.2	2	0	2	0
Tyrrell	0	0	0	0	3	*	*	0	*	*	*	*	0	*	0
Union	49	60	60	49	59	0.061	62.6	12	20.3%	12.7	49.9	16	24	Surplus of 8	0
Vance	49	52	71	77	88	0.163	102.4	7	8.0%	8.1	94.2	29	23	6	0
Wake	249	303	317	295	409	0.145	468.3	118	28.9%	135.1	333.2	104	108	Surplus of 4	0
Warren	21	20	16	15	21	0.022	21.5	3	14.3%	3.1	18.4	6	0	6	0
Washington	15	19	23	22	20	0.086	21.7	3	15.0%	3.3	18.5	6	0	6	0
Watauga	16	16	15	15	18	0.034	18.6	2	11.1%	2.1	16.6	5	8	Surplus of 3	0
Wayne	123	151	170	173	189	0.116	210.9	20	10.6%	22.3	188.6	59	52	7	0
Wilkes	19	18	23	19	27	0.118	30.2	3	11.1%	3.4	26.8	8	7	1	0
Wilson	81	92	102	85	121	0.125	136.2	6	5.0%	6.8	129.4	40	31	9	0
Yadkin	7	8	12	11	16	0.254	20.1	3	18.8%	3.8	16.3	5	0	5	0
Yancey	4	6	7	6	10	0.298	13.0	5	50.0%	6.5	6.5	2	0	2	0
Unknown	280	257	341	979	77			11	14.3%						

* 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, 1997)

COUNTY	HSA	Number of New Dialysis Stations Needed	Certificate of Need Application Due Date	Certificate of Need Beginning Review Date
Polk	I	10	May 16, 1997	June 1, 1997
Swain	I	14	May 16, 1997	June 1, 1997
Cumberland	V	13	May 16, 1997	June 1, 1997



