

Table 15E-2: MRI Need Determinations by Service Area

A Service Area	B Adjusted Scans			C Average Annual Change Rates	D AACR Projected Scans	E Population Growth	F Population Growth Used	G Population Projected Scans	H Fixed Equiv	I Average Scans	J Threshold	K MRI Need
	2021	2022	2023									
Alamance	12,239.0	12,709.9	16,949.9	0.1860	20,103.3	0.0398	0.0398	20,903.6	3.52	5,941.5	4992	1
Alexander	0.0	0.0	0.0	0.0000	0.0	0.0106	0.0106	0.0	0.00	0.0	1872	0
Alleghany	0.0	0.0	0.0	0.0000	0.0	0.0052	0.0052	0.0	0.00	0.0	1872	0
Anson	106.0	196.1	516.7	1.2424	1,158.6	-0.0031	0.0000	1,158.6	0.00	0.0	1872	0
Ashe	779.6	1,224.2	1,263.3	0.3011	1,643.7	0.0232	0.0232	1,681.8	1.00	1,681.8	4368	0
Avery	0.0	0.0	0.0	0.0000	0.0	0.0002	0.0002	0.0	0.00	0.0	1872	0
Beaufort	2,820.8	3,002.1	3,205.0	0.0659	3,416.3	-0.0134	0.0000	3,416.3	1.00	3,416.3	4368	0
Bertie	0.0	0.0	0.0	0.0000	0.0	-0.0207	0.0000	0.0	0.00	0.0	1872	0
Bladen	316.6	396.6	501.4	0.2584	630.9	-0.0042	0.0000	630.9	1.11	568.8	4368	0
Brunswick	12,139.3	12,788.2	13,873.4	0.0692	14,832.9	0.1128	0.1128	16,506.7	4.15	3,977.3	4992	0
Buncombe/Graham/Madison/Yancey	47,045.8	47,963.6	36,610.3	-0.1086	32,634.5	0.0288	0.0288	33,574.8	11.18	3,004.0	4992	0
Burke	9,066.7	9,850.7	10,617.3	0.0821	11,489.4	0.0052	0.0052	11,549.6	2.73	4,228.2	4992	0
Cabarrus	29,832.9	29,803.2	32,081.6	0.0377	33,291.9	0.0566	0.0566	35,174.8	7.42	4,740.6	4992	0
Caldwell	4,802.0	5,054.1	5,832.8	0.1033	6,435.2	0.0034	0.0034	6,456.7	2.29	2,816.0	4992	0
Carteret	8,157.7	9,759.2	9,851.6	0.1029	10,865.3	0.0216	0.0216	11,099.5	3.14	3,539.1	4992	0
Catawba	21,201.5	23,173.8	23,403.3	0.0515	24,607.7	0.0324	0.0324	25,405.8	4.91	5,178.7	4992	1
Chatham	878.9	1,127.6	1,393.3	0.2593	1,754.6	0.0561	0.0561	1,852.9	0.66	1,852.9	1872	0
Cherokee/Clay	2,287.6	2,735.1	2,843.0	0.1175	3,177.1	0.0227	0.0227	3,249.1	1.00	3,249.1	4368	0
Chowan	2,138.8	2,420.0	2,257.7	0.0322	2,330.4	0.0067	0.0067	2,346.0	1.00	2,346.0	4368	0
Cleveland	10,357.5	12,165.8	11,299.7	0.0517	11,883.8	0.0172	0.0172	12,087.7	3.00	4,029.2	4992	0
Columbus	3,212.3	3,084.4	2,772.5	-0.0705	2,577.1	-0.0024	0.0000	2,577.1	1.00	2,577.1	4368	0
Craven/Jones/Pamlico	16,809.6	17,374.9	18,128.6	0.0385	18,826.6	0.0143	0.0143	19,096.3	4.00	4,774.1	4992	0
Cumberland	33,507.4	35,140.9	36,356.0	0.0417	37,870.7	0.0053	0.0053	38,071.9	8.00	4,759.0	4992	0
Dare	2,529.9	2,775.4	3,091.5	0.1055	3,417.6	0.0024	0.0024	3,425.8	1.00	3,425.8	4368	0
Davidson	7,437.1	7,673.4	8,627.8	0.0781	9,301.4	0.0275	0.0275	9,557.1	2.00	4,778.5	4992	0
Davie	3,062.2	3,815.9	4,659.5	0.2336	5,747.9	0.0323	0.0323	5,933.7	2.00	2,966.9	4992	0
Duplin	1,846.4	2,191.5	2,587.8	0.1839	3,063.6	0.0291	0.0291	3,152.8	1.40	2,252.1	4368	0
Durham/Caswell/Warren	86,748.0	95,961.2	79,534.4	-0.0325	76,950.5	0.0301	0.0301	79,267.5	14.00	5,662.0	4992	1
Edgecombe	2,502.4	2,853.5	2,661.7	0.0365	2,758.9	-0.0196	0.0000	2,758.9	1.00	2,758.9	4368	0
Forsyth	92,123.9	84,330.0	93,119.0	0.0098	94,032.4	0.0243	0.0243	96,320.5	20.28	4,749.0	4992	0
Franklin	40.3	0.0	0.0	-0.5000	0.0	0.1119	0.1119	0.0	1.00	0.0	4368	0

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	2021	2022	2023									
Gaston	23,458.0	24,042.7	24,044.8	0.0125	24,345.5	0.0206	0.0206	24,847.0	6.23	3,985.6	4992	0
Granville	2,004.6	2,156.2	2,188.9	0.0454	2,288.3	0.0316	0.0316	2,360.8	1.21	1,953.0	4368	0
Guilford	71,001.8	58,751.7	81,797.2	0.1099	90,783.4	0.0170	0.0170	92,323.4	14.41	6,408.8	4992	1
Halifax/Northampton	2,243.1	2,631.5	2,492.2	0.0601	2,642.0	-0.0319	0.0000	2,642.0	1.00	2,642.0	4368	0
Harnett	4,474.9	4,805.4	4,314.8	-0.0141	4,253.9	0.0708	0.0708	4,555.2	2.20	2,068.9	4992	0
Haywood	4,845.7	5,214.0	5,396.8	0.0555	5,696.5	0.0195	0.0195	5,807.8	2.00	2,903.9	4992	0
Henderson	10,939.5	10,764.8	9,977.8	-0.0445	9,533.5	0.0345	0.0345	9,862.1	3.00	3,287.4	4992	0
Hertford/Gates	2,182.9	2,531.6	2,223.8	0.0191	2,266.2	-0.0132	0.0000	2,266.2	1.00	2,266.2	4368	0
Hoke	2,017.6	3,132.8	4,315.1	0.4651	6,322.0	0.0470	0.0470	6,619.3	2.54	2,601.6	4992	0
Iredell	20,337.1	24,164.0	20,220.8	0.0125	20,473.5	0.0725	0.0725	21,957.4	6.40	3,430.4	4992	0
Jackson	3,274.0	3,359.8	3,216.9	-0.0082	3,190.6	0.0048	0.0048	3,205.8	2.00	1,602.9	4992	0
Johnston	11,628.5	14,079.0	15,161.0	0.1438	17,341.1	0.0984	0.0984	19,047.3	4.44	4,293.3	4992	0
Lee	2,740.6	3,163.8	4,030.2	0.2141	4,893.2	0.0392	0.0392	5,084.8	1.44	3,537.2	4368	0
Lenoir	3,796.6	4,106.5	3,886.5	0.0140	3,940.9	-0.0166	0.0000	3,940.9	2.00	1,970.5	4992	0
Lincoln	6,754.6	7,460.5	8,054.2	0.0920	8,795.5	0.0795	0.0795	9,494.8	2.00	4,747.4	4992	0
Macon	2,503.9	2,429.9	3,590.2	0.2240	4,394.2	0.0360	0.0360	4,552.5	2.00	2,276.3	4992	0
Martin	516.3	526.2	347.0	-0.1607	291.2	-0.0267	0.0000	291.2	0.00	0.0	1872	0
McDowell	2,992.8	3,140.6	3,637.7	0.1038	4,015.4	0.0041	0.0041	4,031.7	1.25	3,234.3	4368	0
Mecklenburg	161,373.5	176,529.9	186,807.0	0.0761	201,017.3	0.0555	0.0555	212,177.4	33.73	6,290.8	4992	1
Mitchell	1,539.9	1,502.5	855.9	-0.2273	661.4	-0.0073	0.0000	661.4	1.00	661.4	4368	0
Montgomery	450.6	383.5	648.4	0.2710	824.1	0.0005	0.0005	824.5	0.00	0.0	1872	0
Moore	20,895.8	20,857.2	25,475.9	0.1098	28,273.1	0.0743	0.0743	30,373.5	5.00	6,074.7	4992	1
Nash	7,201.8	8,490.5	9,112.5	0.1261	10,261.6	0.0126	0.0126	10,390.6	2.00	5,195.3	4992	1
New Hanover	42,486.5	48,845.0	50,494.6	0.0917	55,125.7	0.0415	0.0415	57,413.5	10.25	5,602.0	4992	1
Onslow	10,394.3	13,082.0	13,300.1	0.1376	15,130.5	0.0349	0.0349	15,659.2	3.00	5,219.7	4992	1
Orange	51,565.7	59,271.1	53,842.5	0.0289	55,399.6	0.0292	0.0292	57,019.1	14.13	4,036.5	4992	0
Pasquotank/Camden/Currituck/Perquimans	5,680.7	7,394.4	7,784.0	0.1772	9,163.1	0.0504	0.0504	9,624.9	2.43	3,965.6	4992	0
Pender	18.5	870.7	1,122.6	23.1955	27,161.3	0.0644	0.0644	28,911.6	0.53	28,911.6	1872	15
Person	469.5	366.5	236.6	-0.2869	168.7	0.0030	0.0030	169.2	1.00	169.2	4368	0
Pitt/Greene/Hyde/Tyrrell	45,889.1	45,285.9	46,849.4	0.0107	47,350.2	0.0169	0.0169	48,150.4	11.57	4,162.4	4992	0
Polk	812.8	778.8	814.2	0.0018	815.7	0.0052	0.0052	820.0	0.00	0.0	1872	0

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Service Area	Adjusted Scans			Average Annual Change Rates	AACR Projected Scans	Population Growth	Population Growth Used	Population Projected Scans	Fixed Equiv	Average Scans	Threshold	MRI Need
	2021	2022	2023									
Randolph	5,147.7	5,369.4	5,002.2	-0.0127	4,938.9	0.0132	0.0132	5,003.9	2.00	2,502.0	4992	0
Richmond	3,039.9	0.0	0.0	-0.5000	0.0	-0.0139	0.0000	0.0	1.00	0.0	4368	0
Robeson	7,740.8	7,643.9	8,181.8	0.0289	8,418.5	0.0290	0.0290	8,662.9	2.00	4,331.4	4992	0
Rockingham	4,972.6	5,884.3	6,346.7	0.1310	7,177.9	0.0000	0.0000	7,177.9	2.00	3,589.0	4992	0
Rowan	11,513.9	11,562.3	6,370.5	-0.2224	4,953.7	0.0116	0.0116	5,010.9	2.40	2,090.6	4992	0
Rutherford	2,365.2	2,475.8	2,571.3	0.0427	2,681.0	0.0161	0.0161	2,724.1	1.00	2,724.1	4368	0
Sampson	1,426.4	1,487.6	0.0	-0.4785	0.0	0.0137	0.0137	0.0	0.00	0.0	1872	0
Scotland	5,095.5	4,391.1	2,608.8	-0.2721	1,899.0	-0.0201	0.0000	1,899.0	1.00	1,899.0	4368	0
Stanly	4,937.7	5,481.5	5,460.4	0.0531	5,750.5	0.0092	0.0092	5,803.5	2.15	2,704.3	4992	0
Stokes	0.0	0.0	0.0	0.0000	0.0	0.0215	0.0215	0.0	0.00	0.0	1872	0
Surry	7,052.6	7,443.6	7,877.7	0.0569	8,325.8	0.0000	0.0000	8,326.1	2.00	4,163.0	4992	0
Swain	0.0	0.0	0.0	0.0000	0.0	-0.0021	0.0000	0.0	0.00	0.0	1872	0
Transylvania	1,916.1	1,929.6	1,849.9	-0.0171	1,818.2	0.0157	0.0157	1,846.8	1.00	1,846.8	4368	0
Union	14,130.7	14,981.0	17,850.2	0.1258	20,096.5	0.0733	0.0733	21,569.9	4.29	5,022.5	4992	1
Vance/Warren	3,266.6	2,917.0	2,996.4	-0.0399	2,876.9	-0.0073	0.0000	2,876.9	1.00	2,876.9	4368	0
Wake	136,920.9	146,472.1	151,963.9	0.0536	160,113.0	0.0619	0.0619	170,025.2	34.52	4,925.1	4992	0
Washington	0.0	0.0	0.0	0.0000	0.0	-0.0366	0.0000	0.0	0.00	0.0	1872	0
Watauga	5,286.3	5,490.1	6,106.0	0.0754	6,566.3	0.0557	0.0557	6,931.7	2.00	3,465.9	4992	0
Wayne	7,946.5	8,509.4	9,745.0	0.1080	10,797.6	0.0037	0.0037	10,837.3	2.00	5,418.7	4992	1
Wilkes	3,338.6	3,743.6	4,342.2	0.1406	4,952.7	0.0143	0.0143	5,023.6	1.00	5,023.6	4368	1
Wilson	7,583.1	4,991.1	8,245.1	0.1551	9,523.7	0.0013	0.0013	9,536.5	3.04	3,138.4	4992	0
Yadkin	0.0	0.0	0.0	0.0000	0.0	0.0062	0.0062	0.0	0.00	0.0	1872	0
Totals	1,174,162.4	1,230,464.2	1,267,796.5		1,362,511.8			1,415,598.2	307.93			27