

## Fixed Multi-Position MRI Scanner Demonstration Project Data Analysis

### 2017 SMFP

Service Area	Service Site	Fixed Magnet	Fixed Equiv	Total MRI Scans	Adjusted Total	Area Avg Procs	Threshold	Need
Durham	2017 SMFP Total Durham	17	17.33	54,659	69,288	3,998	4,805	0
	Triangle Orthopaedic Associates	1	1	2,736	2,782	N/A	N/A	N/A
	Combined	18	18.33	57,395	72,083	3,933	4,805	0

Service Area	Service Site	Fixed Magnet	Fixed Equiv	Total MRI Scans	Adjusted Total	Area Avg Procs	Threshold	Need
Mecklenburg	2017 SMFP Total Mecklenburg	21	25.93	106,935	129,524	4,995	4,805	1
	Carolina Neurosurgery and Spine	1	1	4,811	5,015	N/A	N/A	N/A
	Combined	22	26.93	111,746	134,539	4,996	4,805	1

### 2016 SMFP

Service Area	Service Site	Fixed Magnet	Fixed Equiv	Total MRI Scans	Adjusted Total	Area Avg Procs	Threshold	Need
Durham	2016 SMFP Total Durham	17	18.36	52,266	65,675	3,577	4,805	0
	Triangle Orthopaedic Associates	1	1	2,686	2,740	N/A	N/A	N/A
	Combined	18	19.36	54,952	68,415	3,534	4,805	0

Service Area	Service Site	Fixed Magnet	Fixed Equiv	Total MRI Scans	Adjusted Total	Area Avg Procs	Threshold	Need
Mecklenburg	2016 SMFP Total Mecklenburg	20	24.97	101,680	122,892	4,922	4,805	1
	Carolina Neurosurgery and Spine*	1	1	4,089	4,334	N/A	N/A	N/A
	Combined	21	25.97	105,769	127,226	4,899	4,805	1

\*Carolina Neuro did not report accurate totals. I recalculated based on the CPT codes.

*Data: Registration and Inventory of Medical Equipment Forms, 2015-2016*

Conclusion: Adding the data for both fixed multi-position MRI scanners into Table 9P does not significantly change the service area average or the need determinations.

**Proposed 2018 SMFP**

Service Area	Service Site	Fixed Magnet	Fixed Equiv	Total MRI Scans	Adjusted Total	Area Avg Procs	Threshold	Need
Durham	Proposed 2018 SMFP Total Durham	17	18.21	55,228	70,977	3,898	4,805	0
	Triangle Orthopaedic Associates	1	1	2,736	2,795	N/A	N/A	N/A
	Combined	18	19.21	57,964	73,772	3,840	4,805	0

Service Area	Service Site	Fixed Magnet	Fixed Equiv	Total MRI Scans	Adjusted Total	Area Avg Procs	Threshold	Need
Mecklenburg	Proposed 2018 SMFP Total Mecklenburg	23	27.78	112,012	138,714	4,993	4,805	1
	Carolina Neurosurgery and Spine	1	1	4,188	4,385	N/A	N/A	N/A
	Combined	24	28.78	116,200	143,099	4,972	4,805	1