

Recommended MRI Methodology

Step 1: Calculation of Adjusted Scans

Type	Procedure Time (minutes)	Weight	Reference: Current Method-Weight (procedure time)
Outpatient Without	33	1	1 (30 min)
Outpatient With	40	1.2	1.4 (42 min)
Inpatient Without	60	1.8	1.4 (42 min)
Inpatient With	70	2.1	1.8 (54 min)

Step 2. Annual Scanner Operational Capacity

		Reference: Current Method
number of weeks	52	52
hours per week	66	66
scans per hour	1.8	2
total capacity	6240	6864

Step 3: Projection Parameters

Parameter	Reference: Current Method
Project need 3 years after the reporting year (1 year after SMFP publication year).	No projection. Calculates need based on reporting year data only (2 years before SMFP publication year).
Use data from 3 reporting years as basis for utilization projections (a 3-year “look-back” period).	Does not use a “look-back” period.
Use population growth from reporting year to 3 years beyond the reporting year. If service area has had population decline, enter a population growth of 0%.	Does not use population.

Step 4. Planning Thresholds

Number of Fixed Scanners in Service Area	Planning Threshold	Adjusted Threshold	Reference: Current Method		
			Planning Threshold	Adjusted Threshold	Fixed Scanners in Service Area
2+	0.80	4992	0.70	4805	4+
	0.80	4992	0.65	4462	3
	0.80	4992	0.60	4118	2
1	0.70	4368	0.55	3775	1
0	0.30	1872	0.25	1716	0

Recommended MRI Nomenclature Changes

Current Term	Recommended Term
<i>Outpatient (without) – No contrast/sedation</i>	Base Outpatient
<i>Inpatient (without) – No contrast/sedation</i>	Base Inpatient
<i>Outpatient (with) – With contrast/sedation</i>	Complex* Outpatient
<i>Inpatient (with) – With contrast/sedation</i>	Complex* Inpatient

* scan with contrast and/or IV sedation