

**Thresholds for Missouri
To be used with CMS Reports for MDS QIs**

QI		Thresholds	
		Lower	Upper
1.1	Incidence of new fractures	0.2	2.6
1.2	Prevalence of falls	9.8	19.7
2.1	Residents who have become more depressed or anxious	4.9	16.4
2.2	Prevalence of behavior symptoms affecting others: Overall	7.6	25.2
2.2-HI	Prevalence of behavior symptoms affecting others: High risk	10.0	30.5
2.2-LO	Prevalence of behavior symptoms affecting others: Low risk	0.0	12.1
2.3	Prevalence of symptoms of depression without antidepressant therapy	0.5	5.8
3.1	Use of 9 or more different medications	62.4	80.7
4.1	Incidence of cognitive impairment	2.8	14.7
5.1	Low-risk residents who lost control of their bowels or bladder	24.2	49.7
5.2	Residents who have/had a catheter inserted and left in their bladder	2.6	9.3
5.3	Prevalence of occasional or frequent bladder or bowel incontinence without a toileting plan	6.4	75.5
5.4	Prevalence of fecal impaction	0.0	0.0
6.1	Residents with a urinary tract infection	5.2	14.8
7.1	Residents who lose too much weight	4.1	11.7
7.2	Prevalence of tube feeding	0.6	5.9
7.3	Prevalence of dehydration	0.0	0.0
8.1	Residents who have moderate to severe pain	1.8	8.3
9.1	Residents whose need for help with daily activities has increased	6.8	18.3
9.2	Residents who spend most of their time in bed or in a chair	0.0	4.0
9.3	Residents whose ability to move in and around their room got worse	5.8	15.2
9.4	Incidence of decline in ROM	1.7	8.0
10.1	Prevalence of antipsychotic use, in the absence of psychotic or related conditions: Overall	12.3	29.7
10.1-HI	Prevalence of antipsychotic use, in the absence of psychotic or related conditions: High risk	22.8	64.0
10.1-LO	Prevalence of antipsychotic use, in the absence of psychotic or related conditions: Low risk	9.7	25.3
10.2	Prevalence of antianxiety/hypnotic use	16.0	32.4
10.3	Prevalence of hypnotic use more than two times in last week	1.5	7.8
11.1	Residents who were physically restrained	0.0	6.7
11.2	Prevalence of little or no activity	0.8	16.3
12.1	High-risk residents with pressure ulcers	6.4	18.6
12.2	Low-risk residents with pressure ulcers	0.0	4.0
13.1	Short-stay residents with delirium	0.0	5.9
13.2	Short-stay residents who had moderate to severe pain	8.1	31.1
13.3	Short-stay residents with pressure ulcers	5.2	17.6

To interpret scores, the scores can be thought of as simple percentages because each QI is calculated as a proportion of residents with the problem (numerator) as compared with the resident who had potential to have the problem (denominator). For example, for QI 2.1 "Residents who have become more depressed or anxious," fewer than 4.9% of the resident in a nursing home should be more depressed or anxious (good score). An upper threshold (poor) score would be 16.4% or greater.

Thresholds based on the 20th and 80th percentile scores for the state of Missouri from MDS statewide data October 2008 - March 2009.

Thresholds will be updated for Missouri annually each July.