

*Nursing Home Compare*  
**Five-Star Quality Rating System:  
Technical Users' Guide**

**State-Level Health Inspection Cut Point  
Table**

**July 2017**



## Introduction

The Centers for Medicare & Medicaid Services (CMS) has enhanced its *Nursing Home Compare* public reporting site to include a set of quality ratings for each nursing home that participates in Medicare or Medicaid. The ratings take the form of several “star” ratings for each nursing home. The primary goal in launching this rating system is to provide residents and their families with an easy way to understand assessment of nursing home quality, making meaningful distinctions between high and low performing nursing homes.

The rating system features an overall five-star rating based on facility performance for three types of performance measures, each of which has its own associated five-star rating. These domains are: Health Inspections (measures based on outcomes from State health inspection surveys), Staffing (measures based on nursing home staffing levels reported at the time of State health inspection), and Quality Measures (measures based on the CMS Minimum Data Set (MDS)). The Five Star Quality Rating System: Technical Users’ Guide provides detailed information about the content and scoring of each domain, as well as the overall star rating.

This document - Five Star Quality Rating System Technical Users’ Guide: State Level Health Inspection Cut Point Table - provides the data for the state-level cut points for the star ratings included in the health inspection domain. Cut points for the staffing ratings and for the QM ratings have been fixed and do not vary monthly. Data tables giving the cut points for those ratings are included in the [Five Star Quality Rating System: Technical Users’ Guide](#).

CMS’ Five-Star quality ratings for the health inspection domain are based on the relative performance of facilities within a State. This approach helps to control for variation between States. Facility ratings are determined using these criteria:

- The top 10 percent (lowest 10 percent in terms of health inspection deficiency score) in each State receive a five-star rating.
- The middle 70 percent of facilities receive a rating of two, three, or four stars, with an equal number (approximately 23.33 percent) in each rating category.
- The bottom 20 percent receive a one-star rating.

This distribution is based on CMS experience and input from the Project’s TEP. The cut points are recalibrated each month so that the distribution of star ratings within States remains relatively constant over time in an effort to reduce the likelihood that the rating process affects the health inspection process. In the rare case that a State or territory has fewer than 5 facilities upon which to generate the cut points, the national distribution is used. Cut points for the health inspection ratings by state for the month of July 2017 are shown in Cut Point Table 1 (CP Table 1).

**Cut Point Table 1**  
**Star Cut Points for Health Inspection Scores - by State - (07-01-2017)**

State	Number of facilities	Health Inspection Score							
		1 star	2 stars		3 stars		4 stars		5 stars
			Upper	Lower	Upper	Lower	Upper	Lower	
Alabama	227	>47.333	≤47.333	>31.333	≤31.333	>20.000	≤20.000	>10.667	≤10.667
Alaska	18	>208.000	≤208.000	>115.333	≤115.333	>52.000	≤52.000	>36.667	≤36.667
Arizona	146	>54.667	≤54.667	>32.000	≤32.000	>20.000	≤20.000	>6.000	≤6.000
Arkansas	227	>114.000	≤114.000	>59.333	≤59.333	>33.333	≤33.333	>20.000	≤20.000
California	1,200	>109.333	≤109.333	>70.000	≤70.000	>48.667	≤48.667	>24.000	≤24.000
Colorado	217	>88.667	≤88.667	>54.667	≤54.667	>36.000	≤36.000	>22.000	≤22.000
Connecticut	223	>70.500	≤70.500	>46.667	≤46.667	>32.667	≤32.667	>14.667	≤14.667
D. C.	18	>132.000	≤132.000	>78.000	≤78.000	>47.333	≤47.333	>28.000	≤28.000
Delaware	45	>101.000	≤101.000	>70.667	≤70.667	>50.000	≤50.000	>22.667	≤22.667
Florida	687	>54.000	≤54.000	>34.000	≤34.000	>23.333	≤23.333	>10.667	≤10.667
Georgia	358	>40.000	≤40.000	>18.000	≤18.000	>10.667	≤10.667	>3.333	≤3.333
Guam	1	>84.000	≤84.000	>45.333	≤45.333	>26.000	≤26.000	>10.000	≤10.000
Hawaii	45	>78.833	≤78.833	>53.000	≤53.000	>34.000	≤34.000	>18.000	≤18.000
Idaho	77	>120.000	≤120.000	>64.167	≤64.167	>46.667	≤46.667	>30.667	≤30.667
Illinois	738	>78.000	≤78.000	>49.333	≤49.333	>33.333	≤33.333	>16.000	≤16.000
Indiana	541	>69.333	≤69.333	>42.667	≤42.667	>26.667	≤26.667	>13.333	≤13.333
Iowa	438	>61.333	≤61.333	>33.333	≤33.333	>18.000	≤18.000	>7.333	≤7.333
Kansas	335	>162.417	≤162.417	>93.000	≤93.000	>60.667	≤60.667	>31.333	≤31.333
Kentucky	290	>86.333	≤86.333	>38.000	≤38.000	>20.000	≤20.000	>7.333	≤7.333
Louisiana	277	>47.333	≤47.333	>27.333	≤27.333	>16.667	≤16.667	>6.000	≤6.000
Maine	101	>29.333	≤29.333	>17.000	≤17.000	>10.667	≤10.667	>4.667	≤4.667
Maryland	227	>102.000	≤102.000	>59.333	≤59.333	>35.333	≤35.333	>16.667	≤16.667
Massachusetts	408	>53.333	≤53.333	>30.667	≤30.667	>18.000	≤18.000	>6.667	≤6.667
Michigan	442	>126.333	≤126.333	>77.667	≤77.667	>50.667	≤50.667	>25.333	≤25.333
Minnesota	377	>58.667	≤58.667	>36.667	≤36.667	>22.667	≤22.667	>12.000	≤12.000
Mississippi	204	>39.333	≤39.333	>26.000	≤26.000	>16.000	≤16.000	>8.000	≤8.000
Missouri	509	>73.500	≤73.500	>44.667	≤44.667	>27.833	≤27.833	>12.667	≤12.667
Montana	77	>145.000	≤145.000	>70.833	≤70.833	>47.333	≤47.333	>26.000	≤26.000
Nebraska	212	>63.333	≤63.333	>41.333	≤41.333	>25.333	≤25.333	>12.000	≤12.000
Nevada	56	>63.333	≤63.333	>44.667	≤44.667	>32.667	≤32.667	>20.667	≤20.667
New Hampshire	74	>17.333	≤17.333	>10.000	≤10.000	>6.000	≤6.000	>2.000	≤2.000

<b>New Jersey</b>	364	>38.667	≤38.667	>24.000	≤24.000	>14.667	≤14.667	>5.333	≤5.333
<b>New Mexico</b>	73	>228.667	≤228.667	>112.000	≤112.000	>63.000	≤63.000	>14.000	≤14.000
<b>New York</b>	623	>46.667	≤46.667	>25.333	≤25.333	>13.333	≤13.333	>3.333	≤3.333
<b>North Carolina</b>	423	>52.000	≤52.000	>26.000	≤26.000	>14.000	≤14.000	>4.000	≤4.000
<b>North Dakota</b>	81	>54.000	≤54.000	>34.000	≤34.000	>26.000	≤26.000	>17.333	≤17.333
<b>Ohio</b>	952	>58.000	≤58.000	>32.667	≤32.667	>18.667	≤18.667	>7.333	≤7.333
<b>Oklahoma</b>	302	>131.333	≤131.333	>84.000	≤84.000	>52.667	≤52.667	>26.667	≤26.667
<b>Oregon</b>	137	>75.333	≤75.333	>48.667	≤48.667	>32.667	≤32.667	>13.333	≤13.333
<b>Pennsylvania</b>	701	>84.000	≤84.000	>46.000	≤46.000	>28.000	≤28.000	>12.667	≤12.667
<b>Puerto Rico</b>	5	>410.667	≤410.667	>257.833	≤257.833	>128.000	≤128.000	>96.000	≤96.000
<b>Rhode Island</b>	84	>18.000	≤18.000	>9.333	≤9.333	>4.667	≤4.667	>1.333	≤1.333
<b>South Carolina</b>	188	>63.333	≤63.333	>38.000	≤38.000	>22.000	≤22.000	>7.333	≤7.333
<b>South Dakota</b>	109	>58.667	≤58.667	>40.000	≤40.000	>26.000	≤26.000	>11.333	≤11.333
<b>Tennessee</b>	312	>59.333	≤59.333	>30.667	≤30.667	>16.667	≤16.667	>5.333	≤5.333
<b>Texas</b>	1,203	>152.500	≤152.500	>78.667	≤78.667	>46.667	≤46.667	>17.333	≤17.333
<b>Utah</b>	97	>73.667	≤73.667	>48.000	≤48.000	>29.333	≤29.333	>9.333	≤9.333
<b>Vermont</b>	37	>44.667	≤44.667	>26.667	≤26.667	>16.000	≤16.000	>3.333	≤3.333
<b>Virginia</b>	285	>80.000	≤80.000	>51.333	≤51.333	>32.000	≤32.000	>16.000	≤16.000
<b>Washington</b>	220	>136.833	≤136.833	>80.667	≤80.667	>46.000	≤46.000	>24.667	≤24.667
<b>West Virginia</b>	126	>113.333	≤113.333	>66.000	≤66.000	>40.000	≤40.000	>20.000	≤20.000
<b>Wisconsin</b>	380	>93.250	≤93.250	>50.000	≤50.000	>30.667	≤30.667	>15.000	≤15.000
<b>Wyoming</b>	38	>83.333	≤83.333	>60.000	≤60.000	>51.333	≤51.333	>22.667	≤22.667

Notes: A higher score indicates worse performance on health inspections. The cut points are based on facility health inspection scores and are set separately for each state to achieve this distribution:

- 5 stars: ≤10<sup>th</sup> percentile
- 4 stars: >10<sup>th</sup> percentile and ≤ 33.33<sup>rd</sup> percentile
- 3 stars: >33.33<sup>rd</sup> percentile and ≤ 56.667<sup>th</sup> percentile
- 2 stars: >56.667<sup>th</sup> percentile and ≤ 80<sup>th</sup> percentile
- 1 star: >80<sup>th</sup> percentile

Due to the small number of facilities, the cut points for Guam and the Virgin Islands are based on the national distribution of health inspection scores.