

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

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

**December 2018**



## 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 December 2018 are shown in Cut Point Table 1 (CP Table 1).

**Cut Point Table 1**  
**Star Cut Points for Health Inspection Scores - by State - (12-01-2018)**

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	>48.000	≤48.000	>29.600	≤29.600	>19.200	≤19.200	>8.000	≤8.000
Alaska	18	>142.400	≤142.400	>82.400	≤82.400	>43.200	≤43.200	>33.600	≤33.600
Arizona	142	>40.000	≤40.000	>24.000	≤24.000	>14.400	≤14.400	>3.200	≤3.200
Arkansas	225	>119.200	≤119.200	>57.600	≤57.600	>33.600	≤33.600	>16.800	≤16.800
California	1,191	>116.000	≤116.000	>72.800	≤72.800	>47.200	≤47.200	>20.800	≤20.800
Colorado	218	>88.800	≤88.800	>52.000	≤52.000	>35.200	≤35.200	>17.600	≤17.600
Connecticut	223	>64.000	≤64.000	>40.000	≤40.000	>28.000	≤28.000	>12.000	≤12.000
D. C.	18	>126.000	≤126.000	>57.600	≤57.600	>39.200	≤39.200	>24.000	≤24.000
Delaware	45	>104.200	≤104.200	>66.400	≤66.400	>45.600	≤45.600	>20.800	≤20.800
Florida	684	>54.400	≤54.400	>33.200	≤33.200	>21.600	≤21.600	>9.600	≤9.600
Georgia	354	>38.400	≤38.400	>19.200	≤19.200	>10.400	≤10.400	>1.600	≤1.600
Guam	1*	>87.200	≤87.200	>45.200	≤45.200	>24.800	≤24.800	>8.800	≤8.800
Hawaii	44	>92.000	≤92.000	>48.800	≤48.800	>30.400	≤30.400	>16.000	≤16.000
Idaho	76	>155.800	≤155.800	>72.000	≤72.000	>38.400	≤38.400	>17.600	≤17.600
Illinois	727	>91.200	≤91.200	>54.400	≤54.400	>32.800	≤32.800	>14.400	≤14.400
Indiana	548	>78.400	≤78.400	>42.400	≤42.400	>25.600	≤25.600	>12.000	≤12.000
Iowa	431	>56.000	≤56.000	>30.400	≤30.400	>17.600	≤17.600	>4.000	≤4.000
Kansas	329	>171.200	≤171.200	>88.200	≤88.200	>55.200	≤55.200	>28.000	≤28.000
Kentucky	279	>69.600	≤69.600	>30.400	≤30.400	>16.000	≤16.000	>7.200	≤7.200
Louisiana	276	>38.400	≤38.400	>24.000	≤24.000	>12.000	≤12.000	>3.200	≤3.200
Maine	98	>28.800	≤28.800	>16.000	≤16.000	>11.200	≤11.200	>4.800	≤4.800
Maryland	225	>102.400	≤102.400	>58.400	≤58.400	>37.600	≤37.600	>16.800	≤16.800
Massachusetts	395	>56.000	≤56.000	>32.800	≤32.800	>19.200	≤19.200	>7.200	≤7.200
Michigan	436	>141.600	≤141.600	>91.200	≤91.200	>56.000	≤56.000	>29.600	≤29.600
Minnesota	374	>61.600	≤61.600	>34.400	≤34.400	>22.400	≤22.400	>9.600	≤9.600
Mississippi	202	>40.000	≤40.000	>24.800	≤24.800	>14.400	≤14.400	>7.200	≤7.200
Missouri	509	>75.200	≤75.200	>45.600	≤45.600	>27.200	≤27.200	>11.200	≤11.200
Montana	73	>116.200	≤116.200	>76.800	≤76.800	>42.400	≤42.400	>22.400	≤22.400
Nebraska	207	>69.600	≤69.600	>43.200	≤43.200	>24.000	≤24.000	>10.400	≤10.400
Nevada	58	>64.400	≤64.400	>39.200	≤39.200	>31.200	≤31.200	>12.800	≤12.800
New Hampshire	73	>16.800	≤16.800	>12.000	≤12.000	>4.800	≤4.800	>0.000	≤0.000

<b>New Jersey</b>	358	>38.400	≤38.400	>23.200	≤23.200	>14.400	≤14.400	>4.800	≤4.800
<b>New Mexico</b>	73	>250.200	≤250.200	>124.000	≤124.000	>62.400	≤62.400	>11.200	≤11.200
<b>New York</b>	618	>41.600	≤41.600	>23.200	≤23.200	>12.800	≤12.800	>3.200	≤3.200
<b>North Carolina</b>	424	>62.400	≤62.400	>28.800	≤28.800	>14.400	≤14.400	>4.800	≤4.800
<b>North Dakota</b>	80	>53.600	≤53.600	>33.600	≤33.600	>22.400	≤22.400	>10.800	≤10.800
<b>Ohio</b>	949	>67.600	≤67.600	>34.400	≤34.400	>19.200	≤19.200	>6.400	≤6.400
<b>Oklahoma</b>	294	>125.600	≤125.600	>76.800	≤76.800	>43.200	≤43.200	>20.800	≤20.800
<b>Oregon</b>	134	>88.800	≤88.800	>52.000	≤52.000	>39.200	≤39.200	>14.400	≤14.400
<b>Pennsylvania</b>	693	>93.600	≤93.600	>51.200	≤51.200	>30.400	≤30.400	>12.800	≤12.800
<b>Puerto Rico</b>	5	>402.400	≤402.400	>145.600	≤145.600	>120.400	≤120.400	>97.600	≤97.600
<b>Rhode Island</b>	83	>20.000	≤20.000	>7.200	≤7.200	>2.400	≤2.400	>0.000	≤0.000
<b>South Carolina</b>	184	>66.400	≤66.400	>37.600	≤37.600	>22.400	≤22.400	>7.200	≤7.200
<b>South Dakota</b>	106	>47.200	≤47.200	>35.200	≤35.200	>22.400	≤22.400	>10.400	≤10.400
<b>Tennessee</b>	310	>52.800	≤52.800	>27.200	≤27.200	>14.400	≤14.400	>4.800	≤4.800
<b>Texas</b>	1,189	>156.800	≤156.800	>81.600	≤81.600	>48.000	≤48.000	>19.200	≤19.200
<b>Utah</b>	96	>105.600	≤105.600	>49.600	≤49.600	>31.200	≤31.200	>7.200	≤7.200
<b>Vermont</b>	36	>60.000	≤60.000	>33.600	≤33.600	>17.600	≤17.600	>0.000	≤0.000
<b>Virginia</b>	284	>82.400	≤82.400	>49.600	≤49.600	>30.400	≤30.400	>14.400	≤14.400
<b>Washington</b>	211	>182.400	≤182.400	>92.000	≤92.000	>60.000	≤60.000	>28.000	≤28.000
<b>West Virginia</b>	124	>121.400	≤121.400	>60.000	≤60.000	>33.600	≤33.600	>16.000	≤16.000
<b>Wisconsin</b>	371	>87.200	≤87.200	>44.000	≤44.000	>26.400	≤26.400	>9.600	≤9.600
<b>Wyoming</b>	37	>100.000	≤100.000	>56.000	≤56.000	>44.000	≤44.000	>20.000	≤20.000

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.