

Trends in cut points for all Home Health Star Rating measures

Below you will find the cut points for each Home Health Star Rating measure, from their public reporting inception of July 2015 up through the latest refresh in April 2020. The tables are color-coded to show the trend in scores relative to one-another. Notice a general increase in measure cut points. This is due to HHAs continual improvement on HH QRP scores, which causes CMS to recalculate the measure cut points quarterly to maintain their decile ranking methodology.

Process Measure: Timely Initiation of Care

Published HHC	Start Date	End Date	0.5 Star		1.0 Star		1.5 Star		2.0 Star		2.5 Star		3.0 Star		3.5 Star		4.0 Star		4.5 Star		5.0 Star	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
July 2015	1/1/2014	12/31/2014	0.0%	79.9%	80.0%	85.6%	85.7%	88.9%	89.0%	91.1%	91.2%	93.0%	93.1%	94.6%	94.7%	95.9%	96.0%	97.2%	97.3%	98.6%	98.7%	100.0%
October 2015	4/1/2014	3/31/2015	0.0%	80.3%	80.4%	85.9%	86.0%	89.0%	89.1%	91.3%	91.4%	93.1%	93.2%	94.6%	94.7%	95.9%	96.0%	97.2%	97.3%	98.6%	98.7%	100.0%
January 2016	7/1/2014	6/30/2015	0.0%	80.2%	80.3%	86.0%	86.1%	89.1%	89.2%	91.4%	91.5%	93.2%	93.3%	94.7%	94.8%	96.0%	96.1%	97.2%	97.3%	98.5%	98.6%	100.0%
April 2016	10/1/2014	9/30/2015	0.0%	80.4%	80.5%	86.3%	86.4%	89.4%	89.5%	91.6%	91.7%	93.3%	93.4%	94.9%	95.0%	96.1%	96.2%	97.3%	97.4%	98.5%	98.6%	100.0%
July 2016	1/1/2015	12/31/2015	0.0%	80.5%	80.6%	86.4%	86.5%	89.7%	89.8%	91.8%	91.9%	93.6%	93.7%	95.0%	95.1%	96.2%	96.3%	97.4%	97.5%	98.6%	98.7%	100.0%
October 2016	4/1/2015	3/31/2016	0.0%	80.8%	80.9%	86.7%	86.8%	90.0%	90.1%	92.1%	92.2%	93.8%	93.9%	95.2%	95.3%	96.4%	96.5%	97.5%	97.6%	98.8%	98.9%	100.0%
January 2017	7/1/2015	6/30/2016	0.0%	81.1%	81.2%	87.0%	87.1%	90.4%	90.5%	92.5%	92.6%	94.1%	94.2%	95.5%	95.6%	96.6%	96.7%	97.7%	97.8%	98.9%	99.0%	100.0%
April 2017	10/1/2015	9/30/2016	0.0%	81.4%	81.5%	87.3%	87.4%	90.6%	90.7%	92.8%	92.9%	94.4%	94.5%	95.7%	95.8%	96.8%	96.9%	97.8%	97.9%	98.9%	99.0%	100.0%
July 2017	1/1/2016	12/31/2016	0.0%	81.2%	81.3%	87.5%	87.6%	90.7%	90.8%	92.9%	93.0%	94.7%	94.8%	95.9%	96.0%	97.0%	97.1%	97.9%	98.0%	99.0%	99.1%	100.0%
October 2017	1/1/2016	12/31/2016	0.0%	81.2%	81.3%	87.5%	87.6%	90.7%	90.8%	92.9%	93.0%	94.6%	94.7%	95.9%	96.0%	97.0%	97.1%	97.9%	98.0%	99.0%	99.1%	100.0%
January 2018	4/1/2016	3/31/2017	0.0%	81.6%	81.7%	87.7%	87.8%	91.0%	91.1%	93.2%	93.3%	94.8%	94.9%	96.1%	96.2%	97.1%	97.2%	98.0%	98.1%	99.0%	99.1%	100.0%
April 2018	7/1/2016	6/30/2017	0.0%	81.5%	81.6%	87.7%	87.8%	91.2%	91.3%	93.4%	93.5%	95.0%	95.1%	96.2%	96.3%	97.2%	97.3%	98.2%	98.3%	99.1%	99.2%	100.0%
July 2018	10/1/2016	9/30/2017	0.0%	81.8%	81.9%	87.9%	88.0%	91.2%	91.3%	93.4%	93.5%	95.1%	95.2%	96.3%	96.4%	97.3%	97.4%	98.3%	98.4%	99.1%	99.2%	100.0%
October 2018	1/1/2017	12/31/2017	0.0%	81.9%	82.0%	88.1%	88.2%	91.4%	91.5%	93.6%	93.7%	95.1%	95.2%	96.4%	96.5%	97.4%	97.5%	98.3%	98.4%	99.2%	99.3%	100.0%
January 2019	4/1/2017	3/31/2018	0.0%	82.3%	82.4%	88.3%	88.4%	91.7%	91.8%	93.8%	93.9%	95.4%	95.5%	96.7%	96.8%	97.6%	97.7%	98.5%	98.6%	99.3%	99.4%	100.0%
April 2019	7/1/2017	6/30/2018	0.0%	82.4%	82.5%	88.4%	88.5%	92.0%	92.1%	94.2%	94.3%	95.8%	95.9%	96.9%	97.0%	97.9%	98.0%	98.7%	98.8%	99.5%	99.6%	100.0%
July 2019	10/1/2017	9/30/2018	0.0%	82.5%	82.6%	88.8%	88.9%	92.3%	92.4%	94.5%	94.6%	96.1%	96.2%	97.2%	97.3%	98.1%	98.2%	98.8%	98.9%	99.5%	99.6%	100.0%
October 2019	1/1/2018	12/31/2018	0.0%	82.6%	82.7%	89.0%	89.1%	92.6%	92.7%	94.9%	95.0%	96.4%	96.5%	97.6%	97.7%	98.4%	98.5%	99.0%	99.1%	99.7%	99.8%	100.0%
January 2020	4/1/2018	3/31/2019	0.0%	83.0%	83.1%	89.5%	89.6%	92.9%	93.0%	95.2%	95.3%	96.7%	96.8%	97.8%	97.9%	98.6%	98.7%	99.2%	99.3%	99.8%	99.9%	100.0%
April 2020	7/1/2018	6/30/2019	0.0%	82.9%	83.0%	89.7%	89.8%	93.2%	93.3%	95.4%	95.5%	96.9%	97.0%	97.9%	98.0%	98.7%	98.8%	99.3%	99.4%	99.8%	99.9%	100.0%

Trends in cut points for all Home Health Star Rating measures

Outcome: Improvement in Management of Oral Medications

Published HHC	Start Date	End Date	0.5 Star		1.0 Star		1.5 Star		2.0 Star		2.5 Star		3.0 Star		3.5 Star		4.0 Star		4.5 Star		5.0 Star		
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
April 2019	7/1/2017	6/30/2018	0.0%	42.8%	42.9%	51.6%	51.7%	57.1%	57.2%	61.1%	61.2%	64.6%	64.7%	67.6%	67.7%	70.7%	70.8%	74.7%	74.8%	80.8%	80.9%	100.0%	
July 2019	10/1/2017	9/30/2018	0.0%	43.1%	43.2%	52.4%	52.5%	58.0%	58.1%	62.2%	62.3%	65.6%	65.7%	68.5%	68.6%	71.7%	71.8%	75.5%	75.6%	81.6%	81.7%	100.0%	
October 2019	1/1/2018	12/31/2018	0.0%	43.9%	44.0%	53.2%	53.3%	59.0%	59.1%	63.1%	63.2%	66.6%	66.7%	69.6%	69.7%	72.7%	72.8%	76.5%	76.6%	82.6%	82.7%	100.0%	
January 2020	4/1/2018	3/31/2019	0.0%	45.5%	45.6%	54.6%	54.7%	60.5%	60.6%	64.6%	64.7%	67.9%	68.0%	70.8%	70.9%	73.9%	74.0%	77.8%	77.9%	83.9%	84.0%	100.0%	
April 2020	7/1/2018	6/30/2019	0.0%	47.3%	47.4%	56.1%	56.2%	61.8%	61.9%	66.3%	66.4%	69.5%	69.6%	72.3%	72.4%	75.4%	75.5%	79.3%	79.4%	84.8%	84.9%	100.0%	

Trends in cut points for all Home Health Star Rating measures

Outcome: Improvement in Ambulation

Published HHC	Start Date	End Date	0.5 Star		1.0 Star		1.5 Star		2.0 Star		2.5 Star		3.0 Star		3.5 Star		4.0 Star		4.5 Star		5.0 Star		
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
July 2015	1/1/2014	12/31/2014	0.0%	43.5%	43.6%	50.6%	50.7%	55.0%	55.1%	58.3%	58.4%	60.8%	60.9%	63.3%	63.4%	66.0%	66.1%	69.1%	69.2%	74.3%	74.4%	100.0%	100.0%
October 2015	4/1/2014	3/31/2015	0.0%	44.0%	44.1%	51.3%	51.4%	55.6%	55.7%	58.9%	59.0%	61.7%	61.8%	64.1%	64.2%	66.6%	66.7%	69.9%	70.0%	75.0%	75.1%	100.0%	100.0%
January 2016	7/1/2014	6/30/2015	0.0%	44.3%	44.4%	51.4%	51.5%	56.0%	56.1%	59.4%	59.5%	62.2%	62.3%	64.6%	64.7%	67.2%	67.3%	70.4%	70.5%	75.6%	75.7%	100.0%	100.0%
April 2016	10/1/2014	9/30/2015	0.0%	44.8%	44.9%	52.3%	52.4%	57.0%	57.1%	60.5%	60.6%	63.1%	63.2%	65.6%	65.7%	68.2%	68.3%	71.5%	71.6%	76.8%	76.9%	100.0%	100.0%
July 2016	1/1/2015	12/31/2015	0.0%	46.2%	46.3%	53.6%	53.7%	58.0%	58.1%	61.4%	61.5%	64.3%	64.4%	66.9%	67.0%	69.4%	69.5%	72.6%	72.7%	78.0%	78.1%	100.0%	100.0%
October 2016	4/1/2015	3/31/2016	0.0%	47.0%	47.1%	54.4%	54.5%	59.2%	59.3%	62.7%	62.8%	65.5%	65.6%	68.1%	68.2%	70.6%	70.7%	73.8%	73.9%	79.1%	79.2%	100.0%	100.0%
January 2017	7/1/2015	6/30/2016	0.0%	48.2%	48.3%	55.9%	56.0%	60.7%	60.8%	64.1%	64.2%	67.0%	67.1%	69.5%	69.6%	72.1%	72.2%	75.4%	75.5%	80.5%	80.6%	100.0%	100.0%
April 2017	10/1/2015	9/30/2016	0.0%	49.7%	49.8%	57.1%	57.2%	61.9%	62.0%	65.4%	65.5%	68.3%	68.4%	70.8%	70.9%	73.3%	73.4%	76.6%	76.7%	81.8%	81.9%	100.0%	100.0%
July 2017	1/1/2016	12/31/2016	0.0%	50.6%	50.7%	58.3%	58.4%	63.2%	63.3%	66.7%	66.8%	69.4%	69.5%	71.9%	72.0%	74.4%	74.5%	77.6%	77.7%	83.1%	83.2%	100.0%	100.0%
October 2017	1/1/2016	12/31/2016	0.0%	50.5%	50.6%	58.1%	58.2%	63.0%	63.1%	66.6%	66.7%	69.3%	69.4%	71.7%	71.8%	74.3%	74.4%	77.5%	77.6%	82.9%	83.0%	100.0%	100.0%
January 2018	4/1/2016	3/31/2017	0.0%	52.1%	52.2%	59.7%	59.8%	64.6%	64.7%	67.9%	68.0%	70.6%	70.7%	73.0%	73.1%	75.5%	75.6%	78.7%	78.8%	83.8%	83.9%	100.0%	100.0%
April 2018	7/1/2016	6/30/2017	0.0%	52.9%	53.0%	60.5%	60.6%	65.4%	65.5%	68.8%	68.9%	71.5%	71.6%	73.9%	74.0%	76.3%	76.4%	79.4%	79.5%	84.5%	84.6%	100.0%	100.0%
July 2018	10/1/2016	9/30/2017	0.0%	53.5%	53.6%	61.4%	61.5%	66.2%	66.3%	69.6%	69.7%	72.4%	72.5%	74.7%	74.8%	77.2%	77.3%	80.2%	80.3%	85.2%	85.3%	100.0%	100.0%
October 2018	1/1/2017	12/31/2017	0.0%	54.1%	54.2%	62.1%	62.2%	66.8%	66.9%	70.3%	70.4%	73.1%	73.2%	75.6%	75.7%	78.0%	78.1%	81.0%	81.1%	85.9%	86.0%	100.0%	100.0%
January 2019	4/1/2017	3/31/2018	0.0%	55.2%	55.3%	62.7%	62.8%	67.7%	67.8%	71.3%	71.4%	73.9%	74.0%	76.2%	76.3%	78.9%	79.0%	81.9%	82.0%	86.5%	86.6%	100.0%	100.0%
April 2019	7/1/2017	6/30/2018	0.0%	56.0%	56.1%	63.6%	63.7%	68.5%	68.6%	72.0%	72.1%	74.7%	74.8%	77.0%	77.1%	79.5%	79.6%	82.5%	82.6%	87.2%	87.3%	100.0%	100.0%
July 2019	10/1/2017	9/30/2018	0.0%	56.6%	56.7%	64.7%	64.8%	69.5%	69.6%	72.8%	72.9%	75.4%	75.5%	77.7%	77.8%	80.1%	80.2%	83.4%	83.5%	87.9%	88.0%	100.0%	100.0%
October 2019	1/1/2018	12/31/2018	0.0%	57.1%	57.2%	65.1%	65.2%	70.1%	70.2%	73.4%	73.5%	76.1%	76.2%	78.4%	78.5%	80.8%	80.9%	83.8%	83.9%	88.6%	88.7%	100.0%	100.0%
January 2020	4/1/2018	3/31/2019	0.0%	57.6%	57.7%	66.1%	66.2%	70.9%	71.0%	74.1%	74.2%	76.6%	76.7%	78.8%	78.9%	81.2%	81.3%	84.1%	84.2%	88.7%	88.8%	100.0%	100.0%
April 2020	7/1/2018	6/30/2019	0.0%	58.3%	58.4%	66.4%	66.5%	71.2%	71.3%	74.4%	74.5%	77.0%	77.1%	79.2%	79.3%	81.6%	81.7%	84.5%	84.6%	89.0%	89.1%	100.0%	100.0%

Outcome: Improvement in Bed Transferring

Published HHC	Start Date	End Date	0.5 Star		1.0 Star		1.5 Star		2.0 Star		2.5 Star		3.0 Star		3.5 Star		4.0 Star		4.5 Star		5.0 Star	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
July 2015	1/1/2014	12/31/2014	0.0%	35.3%	35.4%	43.1%	43.2%	48.6%	48.7%	52.5%	52.6%	55.9%	56.0%	59.0%	59.1%	62.1%	62.2%	65.6%	65.7%	71.1%	71.2%	100.0%
October 2015	4/1/2014	3/31/2015	0.0%	35.9%	36.0%	43.7%	43.8%	49.0%	49.1%	53.3%	53.4%	56.6%	56.7%	59.6%	59.7%	62.6%	62.7%	66.0%	66.1%	71.6%	71.7%	100.0%
January 2016	7/1/2014	6/30/2015	0.0%	36.2%	36.3%	44.3%	44.4%	49.6%	49.7%	53.6%	53.7%	57.2%	57.3%	60.0%	60.1%	63.1%	63.2%	66.6%	66.7%	72.3%	72.4%	100.0%
April 2016	10/1/2014	9/30/2015	0.0%	36.8%	36.9%	45.3%	45.4%	50.6%	50.7%	54.7%	54.8%	58.1%	58.2%	61.2%	61.3%	64.2%	64.3%	67.8%	67.9%	73.3%	73.4%	100.0%
July 2016	1/1/2015	12/31/2015	0.0%	38.0%	38.1%	46.5%	46.6%	52.2%	52.3%	56.4%	56.5%	59.7%	59.8%	62.7%	62.8%	65.6%	65.7%	69.0%	69.1%	74.9%	75.0%	100.0%
October 2016	4/1/2015	3/31/2016	0.0%	39.0%	39.1%	47.7%	47.8%	53.7%	53.8%	57.9%	58.0%	61.2%	61.3%	64.1%	64.2%	67.1%	67.2%	70.6%	70.7%	76.3%	76.4%	100.0%
January 2017	7/1/2015	6/30/2016	0.0%	40.4%	40.5%	49.2%	49.3%	55.2%	55.3%	59.6%	59.7%	62.9%	63.0%	65.9%	66.0%	68.8%	68.9%	72.3%	72.4%	77.7%	77.8%	100.0%
April 2017	10/1/2015	9/30/2016	0.0%	41.8%	41.9%	50.7%	50.8%	56.8%	56.9%	61.0%	61.1%	64.4%	64.5%	67.3%	67.4%	70.4%	70.5%	73.8%	73.9%	79.3%	79.4%	100.0%
July 2017	1/1/2016	12/31/2016	0.0%	43.3%	43.4%	52.0%	52.1%	58.0%	58.1%	62.4%	62.5%	65.7%	65.8%	68.7%	68.8%	71.6%	71.7%	75.1%	75.2%	80.2%	80.3%	100.0%
October 2017	1/1/2016	12/31/2016	0.0%	43.1%	43.2%	51.8%	51.9%	57.7%	57.8%	62.2%	62.3%	65.5%	65.6%	68.5%	68.6%	71.5%	71.6%	75.0%	75.1%	80.0%	80.1%	100.0%
January 2018	4/1/2016	3/31/2017	0.0%	45.0%	45.1%	54.2%	54.3%	59.9%	60.0%	64.1%	64.2%	67.3%	67.4%	70.2%	70.3%	72.9%	73.0%	76.2%	76.3%	81.3%	81.4%	100.0%
April 2018	7/1/2016	6/30/2017	0.0%	46.6%	46.7%	55.5%	55.6%	61.2%	61.3%	65.4%	65.5%	68.7%	68.8%	71.6%	71.7%	74.3%	74.4%	77.4%	77.5%	82.2%	82.3%	100.0%
July 2018	10/1/2016	9/30/2017	0.0%	48.2%	48.3%	56.9%	57.0%	62.6%	62.7%	66.8%	66.9%	70.3%	70.4%	73.1%	73.2%	75.6%	75.7%	78.9%	79.0%	83.4%	83.5%	100.0%
October 2018	1/1/2017	12/31/2017	0.0%	49.7%	49.8%	58.4%	58.5%	64.2%	64.3%	68.6%	68.7%	71.9%	72.0%	74.5%	74.6%	77.1%	77.2%	80.2%	80.3%	84.8%	84.9%	100.0%
January 2019	4/1/2017	3/31/2018	0.0%	51.2%	51.3%	59.7%	59.8%	65.8%	65.9%	69.9%	70.0%	73.1%	73.2%	75.6%	75.7%	78.2%	78.3%	81.1%	81.2%	85.8%	85.9%	100.0%
April 2019	7/1/2017	6/30/2018	0.0%	52.5%	52.6%	61.1%	61.2%	66.7%	66.8%	71.1%	71.2%	74.1%	74.2%	76.6%	76.7%	79.1%	79.2%	82.0%	82.1%	86.6%	86.7%	100.0%
July 2019	10/1/2017	9/30/2018	0.0%	53.3%	53.4%	62.2%	62.3%	68.2%	68.3%	72.2%	72.3%	75.1%	75.2%	77.4%	77.5%	80.0%	80.1%	82.8%	82.9%	87.3%	87.4%	100.0%
October 2019	1/1/2018	12/31/2018	0.0%	53.8%	53.9%	63.1%	63.2%	69.0%	69.1%	73.1%	73.2%	76.0%	76.1%	78.3%	78.4%	80.7%	80.8%	83.5%	83.6%	88.0%	88.1%	100.0%
January 2020	4/1/2018	3/31/2019	0.0%	55.0%	55.1%	64.3%	64.4%	70.2%	70.3%	74.2%	74.3%	77.0%	77.1%	79.3%	79.4%	81.6%	81.7%	84.2%	84.3%	88.8%	88.9%	100.0%
April 2020	7/1/2018	6/30/2019	0.0%	56.0%	56.1%	65.4%	65.5%	71.4%	71.5%	75.2%	75.3%	78.0%	78.1%	80.2%	80.3%	82.4%	82.5%	85.1%	85.2%	89.5%	89.6%	100.0%

Outcome: Improvement in Bathing

Published HHC	Start Date	End Date	0.5 Star		1.0 Star		1.5 Star		2.0 Star		2.5 Star		3.0 Star		3.5 Star		4.0 Star		4.5 Star		5.0 Star		
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
July 2015	1/1/2014	12/31/2014	0.0%	45.7%	45.8%	54.5%	54.6%	59.7%	59.8%	63.5%	63.6%	66.5%	66.6%	69.2%	69.3%	72.2%	72.3%	75.6%	75.7%	81.0%	81.1%	100.0%	100.0%
October 2015	4/1/2014	3/31/2015	0.0%	46.0%	46.1%	55.1%	55.2%	60.3%	60.4%	63.9%	64.0%	66.8%	66.9%	69.6%	69.7%	72.5%	72.6%	75.9%	76.0%	81.2%	81.3%	100.0%	100.0%
January 2016	7/1/2014	6/30/2015	0.0%	46.0%	46.1%	55.0%	55.1%	60.4%	60.5%	64.2%	64.3%	67.2%	67.3%	69.9%	70.0%	73.0%	73.1%	76.3%	76.4%	81.8%	81.9%	100.0%	100.0%
April 2016	10/1/2014	9/30/2015	0.0%	46.3%	46.4%	55.7%	55.8%	61.0%	61.1%	64.7%	64.8%	67.8%	67.9%	70.6%	70.7%	73.6%	73.7%	76.8%	76.9%	82.7%	82.8%	100.0%	100.0%
July 2016	1/1/2015	12/31/2015	0.0%	46.9%	47.0%	56.7%	56.8%	61.7%	61.8%	65.5%	65.6%	68.8%	68.9%	71.6%	71.7%	74.4%	74.5%	78.0%	78.1%	83.3%	83.4%	100.0%	100.0%
October 2016	4/1/2015	3/31/2016	0.0%	47.2%	47.3%	57.3%	57.4%	62.5%	62.6%	66.3%	66.4%	69.6%	69.7%	72.5%	72.6%	75.5%	75.6%	78.9%	79.0%	84.0%	84.1%	100.0%	100.0%
January 2017	7/1/2015	6/30/2016	0.0%	48.4%	48.5%	58.4%	58.5%	63.7%	63.8%	67.5%	67.6%	70.7%	70.8%	73.7%	73.8%	76.6%	76.7%	80.0%	80.1%	85.3%	85.4%	100.0%	100.0%
April 2017	10/1/2015	9/30/2016	0.0%	49.1%	49.2%	59.3%	59.4%	64.7%	64.8%	68.6%	68.7%	71.6%	71.7%	74.6%	74.7%	77.4%	77.5%	81.0%	81.1%	86.2%	86.3%	100.0%	100.0%
July 2017	1/1/2016	12/31/2016	0.0%	50.6%	50.7%	60.3%	60.4%	65.8%	65.9%	69.5%	69.6%	72.5%	72.6%	75.3%	75.4%	78.3%	78.4%	81.9%	82.0%	87.1%	87.2%	100.0%	100.0%
October 2017	1/1/2016	12/31/2016	0.0%	50.3%	50.4%	60.0%	60.1%	65.6%	65.7%	69.4%	69.5%	72.3%	72.4%	75.1%	75.2%	78.2%	78.3%	81.7%	81.8%	86.9%	87.0%	100.0%	100.0%
January 2018	4/1/2016	3/31/2017	0.0%	51.9%	52.0%	61.7%	61.8%	67.0%	67.1%	70.5%	70.6%	73.3%	73.4%	76.2%	76.3%	79.2%	79.3%	82.7%	82.8%	87.8%	87.9%	100.0%	100.0%
April 2018	7/1/2016	6/30/2017	0.0%	52.5%	52.6%	62.2%	62.3%	67.3%	67.4%	71.2%	71.3%	74.0%	74.1%	76.9%	77.0%	79.8%	79.9%	83.3%	83.4%	88.2%	88.3%	100.0%	100.0%
July 2018	10/1/2016	9/30/2017	0.0%	53.4%	53.5%	62.7%	62.8%	68.0%	68.1%	71.7%	71.8%	74.7%	74.8%	77.6%	77.7%	80.5%	80.6%	83.8%	83.9%	88.7%	88.8%	100.0%	100.0%
October 2018	1/1/2017	12/31/2017	0.0%	53.5%	53.6%	63.2%	63.3%	68.5%	68.6%	72.2%	72.3%	75.4%	75.5%	78.4%	78.5%	81.2%	81.3%	84.5%	84.6%	89.4%	89.5%	100.0%	100.0%
January 2019	4/1/2017	3/31/2018	0.0%	54.6%	54.7%	64.0%	64.1%	69.1%	69.2%	73.0%	73.1%	76.1%	76.2%	79.0%	79.1%	81.8%	81.9%	85.1%	85.2%	89.9%	90.0%	100.0%	100.0%
April 2019	7/1/2017	6/30/2018	0.0%	54.8%	54.9%	64.2%	64.3%	70.0%	70.1%	73.8%	73.9%	76.8%	76.9%	79.6%	79.7%	82.3%	82.4%	85.7%	85.8%	90.3%	90.4%	100.0%	100.0%
July 2019	10/1/2017	9/30/2018	0.0%	55.1%	55.2%	64.9%	65.0%	70.5%	70.6%	74.3%	74.4%	77.5%	77.6%	80.2%	80.3%	82.9%	83.0%	86.1%	86.2%	90.8%	90.9%	100.0%	100.0%
October 2019	1/1/2018	12/31/2018	0.0%	55.7%	55.8%	65.8%	65.9%	71.3%	71.4%	75.0%	75.1%	78.1%	78.2%	80.8%	80.9%	83.4%	83.5%	86.6%	86.7%	91.2%	91.3%	100.0%	100.0%
January 2020	4/1/2018	3/31/2019	0.0%	56.8%	56.9%	66.6%	66.7%	72.0%	72.1%	75.7%	75.8%	78.9%	79.0%	81.6%	81.7%	84.1%	84.2%	87.2%	87.3%	91.6%	91.7%	100.0%	100.0%
April 2020	7/1/2018	6/30/2019	0.0%	58.3%	58.4%	67.8%	67.9%	73.0%	73.1%	76.8%	76.9%	79.7%	79.8%	82.2%	82.3%	84.8%	84.9%	87.8%	87.9%	92.2%	92.3%	100.0%	100.0%

Trends in cut points for all Home Health Star Rating measures

Outcome: Improvement in Pain Interfering with Activity

Published HHC	Start Date	End Date	0.5 Star		1.0 Star		1.5 Star		2.0 Star		2.5 Star		3.0 Star		3.5 Star		4.0 Star		4.5 Star		5.0 Star	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
July 2015	1/1/2014	12/31/2014	0.0%	43.2%	43.3%	53.6%	53.7%	59.2%	59.3%	63.1%	63.2%	66.4%	66.5%	69.9%	70.0%	73.8%	73.9%	78.9%	79.0%	86.5%	86.6%	100.0%
October 2015	4/1/2014	3/31/2015	0.0%	43.6%	43.7%	54.0%	54.1%	59.4%	59.5%	63.3%	63.4%	66.5%	66.6%	70.0%	70.1%	73.9%	74.0%	79.1%	79.2%	86.6%	86.7%	100.0%
January 2016	7/1/2014	6/30/2015	0.0%	43.7%	43.8%	53.9%	54.0%	59.6%	59.7%	63.5%	63.6%	66.9%	67.0%	70.3%	70.4%	74.3%	74.4%	79.5%	79.6%	87.1%	87.2%	100.0%
April 2016	10/1/2014	9/30/2015	0.0%	43.9%	44.0%	54.5%	54.6%	60.0%	60.1%	64.1%	64.2%	67.5%	67.6%	70.9%	71.0%	75.0%	75.1%	80.0%	80.1%	87.6%	87.7%	100.0%
July 2016	1/1/2015	12/31/2015	0.0%	44.0%	44.1%	54.8%	54.9%	60.8%	60.9%	65.0%	65.1%	68.7%	68.8%	71.9%	72.0%	75.8%	75.9%	80.7%	80.8%	88.7%	88.8%	100.0%
October 2016	4/1/2015	3/31/2016	0.0%	44.9%	45.0%	55.7%	55.8%	61.6%	61.7%	66.0%	66.1%	69.6%	69.7%	73.1%	73.2%	77.0%	77.1%	81.8%	81.9%	89.6%	89.7%	100.0%
January 2017	7/1/2015	6/30/2016	0.0%	45.3%	45.4%	56.8%	56.9%	62.5%	62.6%	66.9%	67.0%	70.5%	70.6%	74.1%	74.2%	78.2%	78.3%	83.3%	83.4%	90.8%	90.9%	100.0%
April 2017	10/1/2015	9/30/2016	0.0%	46.4%	46.5%	57.7%	57.8%	63.4%	63.5%	67.8%	67.9%	71.4%	71.5%	75.2%	75.3%	79.4%	79.5%	84.5%	84.6%	91.9%	92.0%	100.0%
July 2017	1/1/2016	12/31/2016	0.0%	47.8%	47.9%	58.7%	58.8%	64.5%	64.6%	68.8%	68.9%	72.6%	72.7%	76.4%	76.5%	80.6%	80.7%	85.3%	85.4%	92.8%	92.9%	100.0%
October 2017	1/1/2016	12/31/2016	0.0%	47.5%	47.6%	58.5%	58.6%	64.3%	64.4%	68.6%	68.7%	72.6%	72.7%	76.3%	76.4%	80.5%	80.6%	85.3%	85.4%	92.7%	92.8%	100.0%
January 2018	4/1/2016	3/31/2017	0.0%	49.6%	49.7%	60.0%	60.1%	65.8%	65.9%	70.0%	70.1%	73.8%	73.9%	77.6%	77.7%	81.6%	81.7%	86.3%	86.4%	93.3%	93.4%	100.0%
April 2018	7/1/2016	6/30/2017	0.0%	50.4%	50.5%	60.5%	60.6%	66.4%	66.5%	71.0%	71.1%	74.6%	74.7%	78.5%	78.6%	82.4%	82.5%	87.0%	87.1%	93.5%	93.6%	100.0%
July 2018	10/1/2016	9/30/2017	0.0%	50.5%	50.6%	61.0%	61.1%	67.2%	67.3%	71.7%	71.8%	75.5%	75.6%	79.2%	79.3%	83.3%	83.4%	87.6%	87.7%	93.7%	93.8%	100.0%
October 2018	1/1/2017	12/31/2017	0.0%	51.5%	51.6%	61.8%	61.9%	68.1%	68.2%	72.6%	72.7%	76.4%	76.5%	80.1%	80.2%	83.9%	84.0%	88.0%	88.1%	93.7%	93.8%	100.0%
January 2019	4/1/2017	3/31/2018	0.0%	52.2%	52.3%	62.5%	62.6%	68.8%	68.9%	73.4%	73.5%	77.1%	77.2%	80.7%	80.8%	84.4%	84.5%	88.3%	88.4%	93.6%	93.7%	100.0%
April 2019	7/1/2017	6/30/2018	0.0%	52.5%	52.6%	63.3%	63.4%	69.6%	69.7%	74.1%	74.2%	77.8%	77.9%	81.3%	81.4%	85.0%	85.1%	88.9%	89.0%	94.0%	94.1%	100.0%
July 2019	10/1/2017	9/30/2018	0.0%	53.1%	53.2%	63.9%	64.0%	70.2%	70.3%	74.9%	75.0%	78.6%	78.7%	82.0%	82.1%	85.4%	85.5%	89.5%	89.6%	94.2%	94.3%	100.0%
October 2019	1/1/2018	12/31/2018	0.0%	53.8%	53.9%	64.5%	64.6%	70.9%	71.0%	75.5%	75.6%	79.2%	79.3%	82.6%	82.7%	86.0%	86.1%	89.8%	89.9%	94.6%	94.7%	100.0%
January 2020	4/1/2018	3/31/2019	0.0%	54.8%	54.9%	65.6%	65.7%	71.8%	71.9%	76.3%	76.4%	80.0%	80.1%	83.4%	83.5%	86.7%	86.8%	90.4%	90.5%	95.2%	95.3%	100.0%
April 2020	Deprecated as of the April 2020 posting of HHC																					

Trends in cut points for all Home Health Star Rating measures

Outcome: Improvement in Dyspnea

Published HHC	Start Date	End Date	0.5 Star		1.0 Star		1.5 Star		2.0 Star		2.5 Star		3.0 Star		3.5 Star		4.0 Star		4.5 Star		5.0 Star		
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
July 2015	1/1/2014	12/31/2014	0.0%	33.0%	33.1%	46.5%	46.6%	54.6%	54.7%	60.1%	60.2%	64.2%	64.3%	67.8%	67.9%	71.2%	71.3%	75.0%	75.1%	80.3%	80.4%	100.0%	100.0%
October 2015	4/1/2014	3/31/2015	0.0%	34.6%	34.7%	47.1%	47.2%	55.2%	55.3%	60.6%	60.7%	64.8%	64.9%	68.4%	68.5%	71.8%	71.9%	75.5%	75.6%	80.7%	80.8%	100.0%	100.0%
January 2016	7/1/2014	6/30/2015	0.0%	34.5%	34.6%	47.5%	47.6%	55.8%	55.9%	61.3%	61.4%	65.5%	65.6%	69.1%	69.2%	72.4%	72.5%	76.2%	76.3%	81.3%	81.4%	100.0%	100.0%
April 2016	10/1/2014	9/30/2015	0.0%	35.0%	35.1%	48.6%	48.7%	56.9%	57.0%	62.4%	62.5%	66.3%	66.4%	69.9%	70.0%	73.2%	73.3%	77.0%	77.1%	82.4%	82.5%	100.0%	100.0%
July 2016	1/1/2015	12/31/2015	0.0%	35.9%	36.0%	49.4%	49.5%	57.9%	58.0%	63.4%	63.5%	67.5%	67.6%	71.0%	71.1%	74.3%	74.4%	78.1%	78.2%	83.2%	83.3%	100.0%	100.0%
October 2016	4/1/2015	3/31/2016	0.0%	36.3%	36.4%	50.4%	50.5%	58.7%	58.8%	64.1%	64.2%	68.4%	68.5%	71.8%	71.9%	75.2%	75.3%	78.8%	78.9%	84.0%	84.1%	100.0%	100.0%
January 2017	7/1/2015	6/30/2016	0.0%	37.7%	37.8%	51.7%	51.8%	59.7%	59.8%	65.1%	65.2%	69.3%	69.4%	72.9%	73.0%	76.4%	76.5%	80.0%	80.1%	85.1%	85.2%	100.0%	100.0%
April 2017	10/1/2015	9/30/2016	0.0%	38.8%	38.9%	53.1%	53.2%	60.9%	61.0%	66.1%	66.2%	70.2%	70.3%	73.8%	73.9%	77.3%	77.4%	81.0%	81.1%	85.9%	86.0%	100.0%	100.0%
July 2017	1/1/2016	12/31/2016	0.0%	40.2%	40.3%	54.1%	54.2%	62.0%	62.1%	67.2%	67.3%	71.2%	71.3%	74.7%	74.8%	78.0%	78.1%	81.7%	81.8%	86.6%	86.7%	100.0%	100.0%
October 2017	1/1/2016	12/31/2016	0.0%	39.9%	40.0%	53.7%	53.8%	61.8%	61.9%	67.0%	67.1%	71.1%	71.2%	74.6%	74.7%	77.9%	78.0%	81.6%	81.7%	86.5%	86.6%	100.0%	100.0%
January 2018	4/1/2016	3/31/2017	0.0%	42.7%	42.8%	55.9%	56.0%	63.4%	63.5%	68.5%	68.6%	72.5%	72.6%	75.9%	76.0%	79.1%	79.2%	82.6%	82.7%	87.2%	87.3%	100.0%	100.0%
April 2018	7/1/2016	6/30/2017	0.0%	43.4%	43.5%	56.7%	56.8%	64.1%	64.2%	69.3%	69.4%	73.2%	73.3%	76.8%	76.9%	79.9%	80.0%	83.1%	83.2%	87.9%	88.0%	100.0%	100.0%
July 2018	10/1/2016	9/30/2017	0.0%	44.1%	44.2%	58.0%	58.1%	64.9%	65.0%	70.2%	70.3%	74.2%	74.3%	77.5%	77.6%	80.6%	80.7%	84.1%	84.2%	88.4%	88.5%	100.0%	100.0%
October 2018	1/1/2017	12/31/2017	0.0%	45.7%	45.8%	58.7%	58.8%	65.9%	66.0%	71.1%	71.2%	75.1%	75.2%	78.4%	78.5%	81.6%	81.7%	84.7%	84.8%	89.0%	89.1%	100.0%	100.0%
January 2019	4/1/2017	3/31/2018	0.0%	46.7%	46.8%	59.6%	59.7%	67.0%	67.1%	72.1%	72.2%	76.0%	76.1%	79.2%	79.3%	82.1%	82.2%	85.3%	85.4%	89.4%	89.5%	100.0%	100.0%
April 2019	7/1/2017	6/30/2018	0.0%	47.4%	47.5%	60.4%	60.5%	67.9%	68.0%	72.9%	73.0%	76.6%	76.7%	79.9%	80.0%	82.8%	82.9%	85.8%	85.9%	89.9%	90.0%	100.0%	100.0%
July 2019	10/1/2017	9/30/2018	0.0%	48.8%	48.9%	61.5%	61.6%	69.0%	69.1%	73.7%	73.8%	77.5%	77.6%	80.6%	80.7%	83.4%	83.5%	86.4%	86.5%	90.7%	90.8%	100.0%	100.0%
October 2019	1/1/2018	12/31/2018	0.0%	49.1%	49.2%	62.2%	62.3%	69.7%	69.8%	74.5%	74.6%	78.0%	78.1%	81.0%	81.1%	83.8%	83.9%	86.8%	86.9%	91.1%	91.2%	100.0%	100.0%
January 2020	4/1/2018	3/31/2019	0.0%	50.1%	50.2%	63.5%	63.6%	70.6%	70.7%	75.1%	75.2%	78.7%	78.8%	81.7%	81.8%	84.5%	84.6%	87.4%	87.5%	91.7%	91.8%	100.0%	100.0%
April 2020	7/1/2018	6/30/2019	0.0%	51.5%	51.6%	64.9%	65.0%	71.5%	71.6%	76.2%	76.3%	79.7%	79.8%	82.5%	82.6%	85.2%	85.3%	88.1%	88.2%	92.1%	92.2%	100.0%	100.0%

Outcome: 60-Day Hospitalizations

Published HHC	Start Date	End Date	0.5 Star		1.0 Star		1.5 Star		2.0 Star		2.5 Star		3.0 Star		3.5 Star		4.0 Star		4.5 Star		5.0 Star	
			Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
July 2015	10/1/2013	9/30/2014	100.0%	20.0%	19.9%	18.2%	18.1%	17.1%	17.0%	16.2%	16.1%	15.3%	15.2%	14.4%	14.3%	13.3%	13.2%	11.9%	11.8%	10.0%	9.9%	0.0%
October 2015	1/1/2014	12/31/2014	100.0%	20.2%	20.1%	18.3%	18.2%	17.2%	17.1%	16.3%	16.2%	15.4%	15.3%	14.5%	14.4%	13.4%	13.3%	12.1%	12.0%	10.1%	10.0%	0.0%
January 2016	4/1/2014	3/31/2015	100.0%	20.3%	20.2%	18.4%	18.3%	17.2%	17.1%	16.3%	16.2%	15.5%	15.4%	14.6%	14.5%	13.5%	13.4%	12.2%	12.1%	10.2%	10.1%	0.0%
April 2016	7/1/2014	6/30/2015	100.0%	20.2%	20.1%	18.4%	18.3%	17.2%	17.1%	16.3%	16.2%	15.5%	15.4%	14.6%	14.5%	13.5%	13.4%	12.2%	12.1%	10.2%	10.1%	0.0%
July 2016	10/1/2014	9/30/2015	100.0%	20.3%	20.2%	18.4%	18.3%	17.2%	17.1%	16.4%	16.3%	15.5%	15.4%	14.7%	14.6%	13.6%	13.5%	12.2%	12.1%	10.3%	10.2%	0.0%
October 2016	1/1/2015	12/31/2015	100.0%	20.4%	20.3%	18.6%	18.5%	17.4%	17.3%	16.6%	16.5%	15.7%	15.6%	14.8%	14.7%	13.8%	13.7%	12.5%	12.4%	10.5%	10.4%	0.0%
January 2017	4/1/2015	3/31/2016	100.0%	20.7%	20.6%	18.8%	18.7%	17.7%	17.6%	16.8%	16.7%	15.9%	15.8%	15.0%	14.9%	14.1%	14.0%	12.7%	12.6%	10.7%	10.6%	0.0%
April 2017	7/1/2015	6/30/2016	100.0%	21.0%	20.9%	19.1%	19.0%	17.9%	17.8%	17.1%	17.0%	16.2%	16.1%	15.3%	15.2%	14.3%	14.2%	13.0%	12.9%	11.1%	11.0%	0.0%
July 2017	10/1/2015	9/30/2016	100.0%	21.3%	21.2%	19.4%	19.3%	18.2%	18.1%	17.2%	17.1%	16.4%	16.3%	15.5%	15.4%	14.5%	14.4%	13.1%	13.0%	11.3%	11.2%	0.0%
October 2017	1/1/2016	12/31/2016	100.0%	21.0%	20.9%	19.1%	19.0%	17.9%	17.8%	16.9%	16.8%	16.1%	16.0%	15.1%	15.0%	14.2%	14.1%	13.0%	12.9%	11.1%	11.0%	0.0%
January 2018	4/1/2016	3/31/2017	100.0%	20.6%	20.5%	18.7%	18.6%	17.6%	17.5%	16.6%	16.5%	15.8%	15.7%	15.0%	14.9%	13.9%	13.8%	12.7%	12.6%	10.9%	10.8%	0.0%
April 2018	7/1/2016	6/30/2017	100.0%	20.1%	20.0%	18.3%	18.2%	17.2%	17.1%	16.4%	16.3%	15.5%	15.4%	14.7%	14.6%	13.7%	13.6%	12.5%	12.4%	10.6%	10.5%	0.0%
July 2018	10/1/2016	9/30/2017	100.0%	19.8%	19.7%	18.1%	18.0%	17.1%	17.0%	16.2%	16.1%	15.4%	15.3%	14.5%	14.4%	13.6%	13.5%	12.4%	12.3%	10.6%	10.5%	0.0%
October 2018	1/1/2017	12/31/2017	100.0%	19.9%	19.8%	18.1%	18.0%	17.0%	16.9%	16.2%	16.1%	15.4%	15.3%	14.6%	14.5%	13.6%	13.5%	12.3%	12.2%	10.5%	10.4%	0.0%
January 2019	1/1/2017	12/31/2017	100.0%	19.9%	19.8%	18.1%	18.0%	17.0%	16.9%	16.2%	16.1%	15.4%	15.3%	14.6%	14.5%	13.6%	13.5%	12.4%	12.3%	10.5%	10.4%	0.0%
April 2019	1/1/2017	12/31/2017	100.0%	19.9%	19.8%	18.1%	18.0%	17.0%	16.9%	16.2%	16.1%	15.4%	15.3%	14.6%	14.5%	13.6%	13.5%	12.4%	12.3%	10.5%	10.4%	0.0%
July 2019	1/1/2017	12/31/2017	100.0%	19.9%	19.8%	18.1%	18.0%	17.0%	16.9%	16.2%	16.1%	15.4%	15.3%	14.6%	14.5%	13.6%	13.5%	12.4%	12.3%	10.6%	10.5%	0.0%
October 2019	1/1/2018	12/31/2018	100.0%	19.6%	19.5%	17.9%	17.8%	16.8%	16.7%	15.9%	15.8%	15.1%	15.0%	14.4%	14.3%	13.5%	13.4%	12.3%	12.2%	10.4%	10.3%	0.0%
January 2020	1/1/2018	12/31/2018	100.0%	19.6%	19.5%	17.9%	17.8%	16.8%	16.7%	15.9%	15.8%	15.1%	15.0%	14.4%	14.3%	13.5%	13.4%	12.3%	12.2%	10.5%	10.4%	0.0%
April 2020	1/1/2018	12/31/2018	100.0%	19.6%	19.5%	17.9%	17.8%	16.8%	16.7%	15.9%	15.8%	15.2%	15.1%	14.4%	14.3%	13.5%	13.4%	12.3%	12.2%	10.5%	10.4%	0.0%

About SHP

Strategic Healthcare Programs (SHP) is a leader in data analytics and benchmarking that drive daily clinical and operational decisions. Our solutions bring real-time data to post-acute providers, hospitals and ACOs to better coordinate quality care and improve patient outcomes. Since 1996, SHP has helped more than 7,000 organizations nationwide raise the bar for healthcare performance.