## **Composite Scorecard for Oklahoma Nursing Homes**

Select Long-stay metrics for the period ending June 30, 2018



This scorecard provides an overview of Oklahoma nursing home performance with comparative data from the region and nation. The data comes from the Minimum Data Set National Repository, which is referred to as MDS 3.0. The data for this scorecard edition was retrieved on October 1, 2018, for the period ending June 30, 2018. It includes a five quarter review of performance on key quality measures. These 13 metrics comprise the composite score as designated by the Centers for Medicare and Medicaid Services. The composite score is a snapshot of overall quality in nursing homes and is featured as table 14 on the bottom right of the scorecard. Whether the change from previous to current year for Oklahoma is statistically significant or not is indicated by the traffic light indicator where 'Red' indicates change for worse, 'Yellow' indicates no significant change and 'Green' indicates change for better.

Of the nine measures showing statistically significant improvement this quarter (green lights), five of them have shown such improvement over eight consecutive quarters: Tables 1, 2, 10, 13 and 14. Since December of 2016, Table 1 (Residents Who Self-Report Moderate to Severe Pain) shows a 19.7% improvement. Over the last 4 quarters, Table 2 (Residents with Catheter Inserted or Left in Bladder) shows a 27.5% improvement and Table 13 (Residents with a Urinary Tract Infection) shows a 12% improvement. Over 8 consecutive quarters, Residents with Depressive Symptoms (Table 11) has improved 24.6% and Residents Assessed and Appropriately Given the Flu Vaccine (Table 10) has also shown a statistically significant improvement of 2.8%. Oklahoma experienced a 7% decrease in high risk residents with pressure ulcers (Table 3) since March of 2017. At the same time, there was also a decrease at both the regional and national level.

The number of low-risk residents who lose control of their bowels or bladder (Table 4) has stabilized at 36.6% with no significant change over the year. This measure has stabilized over the past two quarters. Most importantly, our combined composite score of 8.3% (Table 14) continues to reflect statistically significant improvement and has done so over 8 consecutive quarters. Since June of 2017, Oklahoma has improved our combined composite score by 5.7%.

Statistically Significant Change: Previous to Current Year - Oklahoma	
Improved Performance Measures:	Worsened Performance
Self-Reported Pain (Table 1)	
Catheter in Bladder (Table 2)	
Residents Who Loose Too Much Weight (Table 6)	
Residents Needing Help with Activities of Daily Living (ADL's) (Table 8)	
Influenza Vaccination (Table 10)	
Residents with Depressive Symptoms (Table 11)	
Pneumococcal Vaccination (Table 12)	
Urinary tract infections (Table 13)	
State Composite Score (Table 14)	

Note: Statistical significance was determined based on the 95% confidence interval. Email <u>QIEShelpdesk@health.ok.gov</u> for more information.

## Long-stay metrics for the period ending June 30, 2018 Source: Minimum Data Set (MDS) National Repository Run Date: 10/01/2018 Table 1 Table 2 Residents Who Self-Report Moderate Residents With Catheter Inserted or Left in Bladder (N=16,340) to Severe Pain (N=13,137) Desired ↓ Desired ↓ Jun 2017 Sep 2017 Dec 2017 Mar 2018 Jun 2018 Jun 2017 Sep 2017 Dec 2017 Mar 2018 Jun 2018 Nation 6.9% 6.8% 6.7% 6.5% 6.5% Nation 2.8% 2.6% 2.6% 2.5% 2.5% Region 6 6.3% 6.2% 5.9% 5.9% 5.8% Region 6 3.2% 3.0% 2.9% 2.8% 2.6% Oklahoma 11.1% 11.2% 11.0% 10.6% 10.4% Oklahoma 4.0% 3.9% 3.5% 3.5% 2.9% 5.0% **High Risk Residents with Pressure Ulcers** Table 3 Low-Risk Residents Who Lose Control of Table 4 (N=9,859)Their Bowels or Bladder (N=8,658) Desired J. Desired J Jun 2017 Sep 2017 Dec 2017 Mar 2018 Jun 2018 Jun 2017 Sep 2017 Dec 2017 Mar 2018 Jun 2018 48.0% 6.11% 6.31% 6.20% 47.3% 47.4% Nation 6.27% 6.10% Nation 47.8% 48.1% 47.9% 44.0% 6.62% 6.95% 6.78% 6.89% 6.60% 45.1% 45.5% 46.7% Region 6 Region 6 46.1% 46.4% 40.0% 6.5% Oklahoma 7.92% 7.69% Oklahoma 36.6% 7.78% 8.64% 8.06% 36.7% 36.7% 37.3% 37.3% 36.0% **Residents Physically Restrained** Table 5 Table 6 Residents Who Lose Too Much Weight (N=17,394)(N=17,197)Desired ↓ Desired J 0.6% Jun 2017 Sep 2017 Dec 2017 Mar 2018 Jun 2018 Jun 2017 Sep 2017 Dec 2017 Mar 2018 Jun 2018 0.40% 0.39% 0.35% 7.4% 0.44% 7.9% 7.4% 8.2% 7.8% Nation 0.32% Nation 0.4% 0.24% 0.23% 0.22% 7.2% 6.8% 6.9% 7.7% 7.2% 0.30% 0.24% Region 6 Region 6 0.32% 0.29% 0.31% 0.30% 0.27% Oklahoma 9.4% 8.6% 8.6% 9.5% 9.0% Oklahoma 0.2% 6.0% Table 7 Table 8 **Residents With One or More Falls Residents Whose Need for Help With Activities** with Major Injury (N=17,506) of Daily Living (ADL) has Increased (N=13,647) Desired ↓ Desired ↓ Jun 2017 Sep 2017 Dec 2017 Mar 2018 Jun 2018 Jun 2017 Sep 2017 Dec 2017 Mar 2018 Jun 2018 Nation 3.33% 3.32% 3.33% 3.34% 3.34% Nation 15.4% 14.9% 15.4% 16.0% 15.2% Region 6 3.79% 3.77% 3.82% 3.80% 3.78% Region 6 17.9% 17.7% 18.0% 18.5% 17.6% 3.8% 5.26% 5.46% Oklahoma 5.16% 5.38% 5.39% 2.8% Oklahoma 15.9% 15.1% 15.1% 16.2% 15.1% 14.5% Table 9 Table 10 **Residents Who Received Antipsychotic** Residents Assessed and Appropriately Given Medications (N=15,564) the Flu Vaccine (N=17,301) Desired ↓ Desired ↑ Jun 2017 Sep 2017 Dec 2017 Mar 2018 Jun 2018 Jun 2017 Sep 2017 Dec 2017 Mar 2018 Jun 2018 18.0% Nation 15.1% 15.0% 14.8% 14.5% 14.2% Nation 94.9% 94.9% 94.9% 95.3% 95.4% 17.0% Region 6 16.4% 16.2% 15.4% 14.7% 14.1% 16.0% Region 6 94.0% 94.0% 94.0% 95.0% 95.0% 94.5% 15.0% Oklahoma 18.3% 18.7% 18.4% 18.2% 17.8% Oklahoma 96.1% 96.1% 96.1% 96.4% 96.5% Table 11 Table 12 **Residents Who Have Depressive** Residents Assessed and Appropriately Given Symptoms (N=15,546) the Pneumococcal Vaccine (N=17,506) Desired ↓ Desired ↑ Jun 2017 Sep 2017 Dec 2017 Mar 2018 Jun 2018 Jun 2017 Sep 2017 Dec 2017 Mar 2018 Jun 2018 94.0% Nation 5.3% 5.1% 5.0% 5.1% 5.0% Nation 94.0% 93.8% 93.0% 93.3% 93.6% 93.0% Region 6 3.4% 3.2% 3.0% 3.0% 2.8% Region 6 92.5% 92.6% 92.5% 93.3% 93.6% 92.0% 3.5% 4.3% Oklahoma 5.3% 4.9% 4.6% 4 4% 2.5% Oklahoma 92.7% 91.9% 91.6% 92.6% 93.3% Table 13 Table 14 **Residents With a Urinary Tract Infection** Composite Score for the Nation, Region 6 (N=17,199)and Oklahoma (N=196,854) Desired J Desired J Jun 2017 Sep 2017 Dec 2017 Mar 2018 Jun 2018 Jun 2017 Sep 2017 Dec 2017 Mar 2018 Jun 2018 3.4% 3.3% 2.8% 2.8% 2.7% 7.80% 7.70% 7.70% 7.70% 7.60% Nation Nation 8.5% 3.3% 2.9% 8.00% Region 6 3.4% 2.8% 2.8% Region 6 8.10% 7.90% 7.80% 7.60% 3.6% 8.0% Oklahoma 5.2% 5.4% 4.7% 4.8% 8.80% 8.80% 8.70% 8.70% 8.30% 4.6% Oklahoma 2.6% Legend N = OK Denominator for current period Statistically significant change for worse from the first to the last period shown Nation Region No Statistically significant change from the first to the last period shown

Statistically significant change for better from the first to the last period shown

Oklahoma

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