

National Summary Data Report Appendix on 5 Episode-Based Cost Measures

- Emergency Medicine
- Heart Failure
- Low Back Pain
- Major Depressive Disorder
- Psychoses/Related Conditions

Winter 2022 Field Testing



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1.0 Cost Measure National Distributions

This appendix presents national distributions for each of the 5 cost measures undergoing field testing in 2022. For each measure, the figures show histograms of (i) the national distribution of cost measure scores, and (ii) the national distribution of risk-adjusted episode costs.

Specifically:

- i. The cost measure score distributions are calculated using provider cost measure scores across all clinicians or clinicians group that met the case threshold. Provider measure score is calculated as the average risk-adjusted cost (for Psychoses/Related Conditions and Emergency Medicine) or specialty-adjusted weighted average risk-adjusted cost (for Heart Failure, Low Back Pain, Major Depressive Disorder) across episodes attributed to each clinician or clinician group.
- ii. The risk-adjusted episode cost distributions are calculated using the risk-adjusted cost across all episodes attributed to at least one clinician or clinician group that met the case threshold.

The case threshold is least 20 episodes for each measure. All distributions are calculated based on episodes ending during the measurement period of January 1, 2019 through December 31, 2019.

Section 1.1 presents the distribution of cost measure scores and resource use at the clinician group level, which is identified by a unique Taxpayer Identification number (TIN), and at the individual clinician level, which is identified by a TIN and National Provider Identifier (NPI) combination (or TIN-NPI), for Emergency Medicine. Section 1.2 presents the distribution of cost measure scores and resource use at the TIN and TIN-NPI level for Heart Failure. Section 1.3 presents the distribution of cost measure scores and resource use at the TIN and TIN-NPI level for Low Back Pain. Section 1.4 presents the distribution of cost measure scores and resource use at the TIN and TIN-NPI level for Major Depressive Disorder. Finally, Section 1.5 presents the distribution of cost measure scores and resource use at the TIN and TIN-NPI level for Psychoses/Related Conditions.

1.1 Emergency Medicine Cost Measure

1.1.1 Provider-Level National Distributions of Measure Scores

Figure 1-A. TIN Level Cost Measure Scores, Emergency Medicine

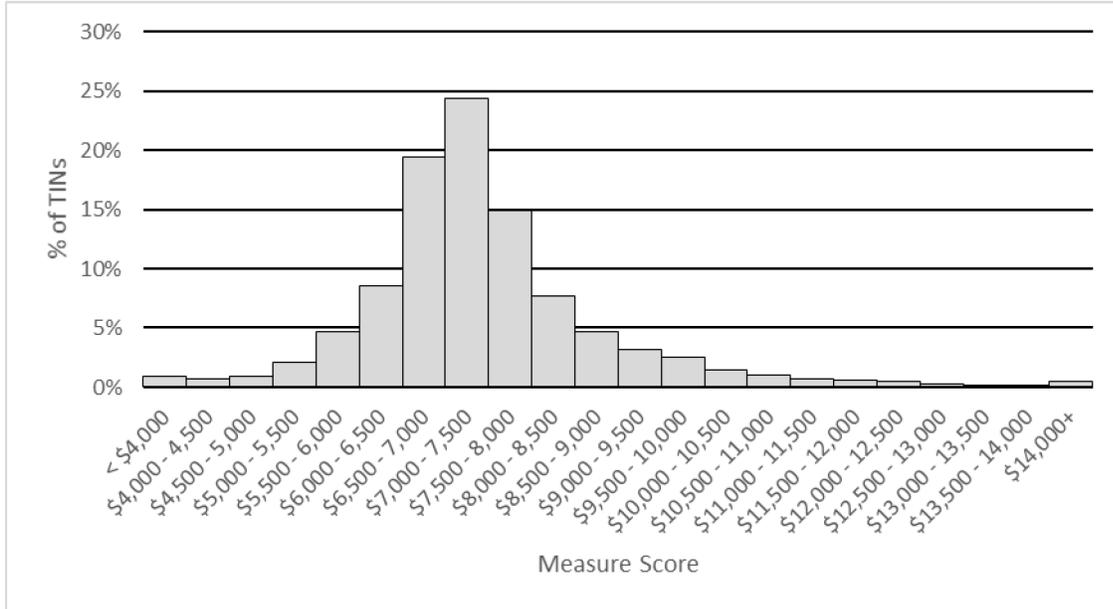
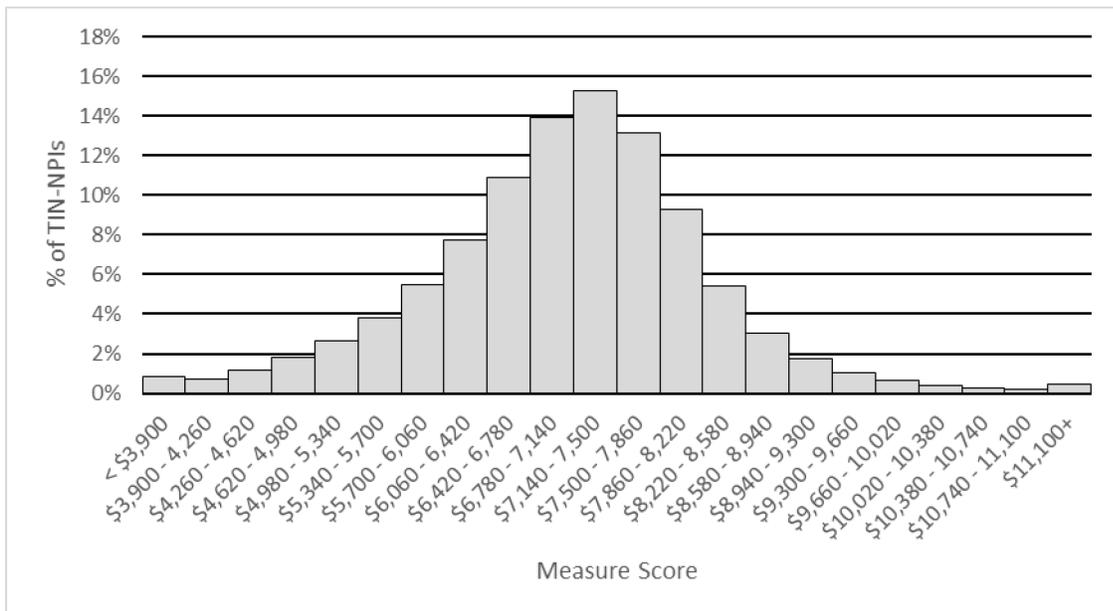


Figure 1-B. TIN-NPI Level Cost Measure Scores, Emergency Medicine



1.1.2 Episode-Level National Distributions of Risk-Adjusted Episode Cost
Figure 2-A. TIN Level Risk-Adjusted Episode Costs, Emergency Medicine

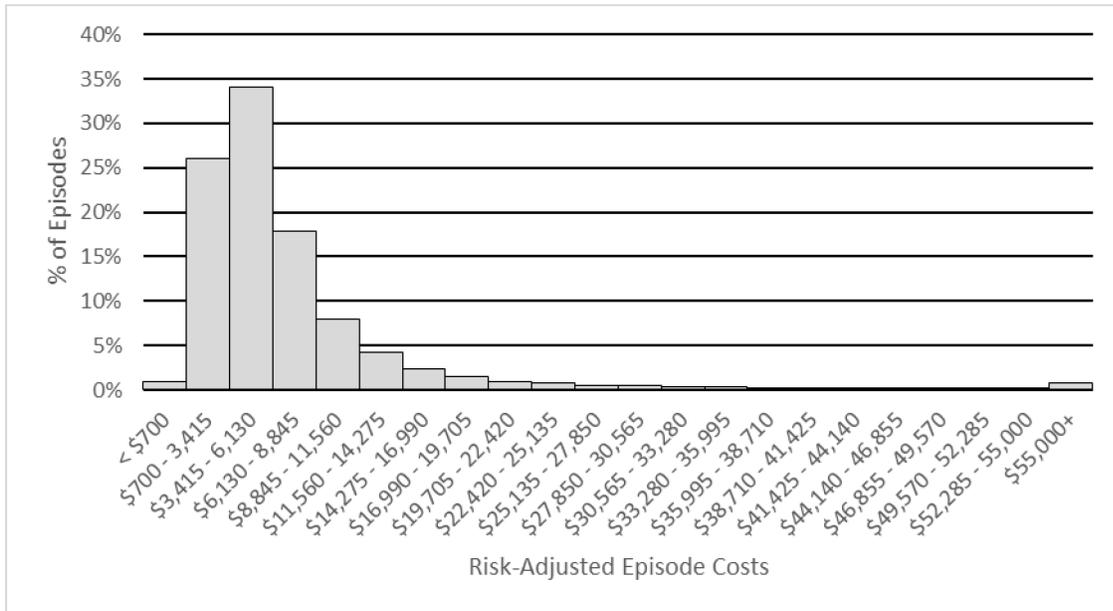
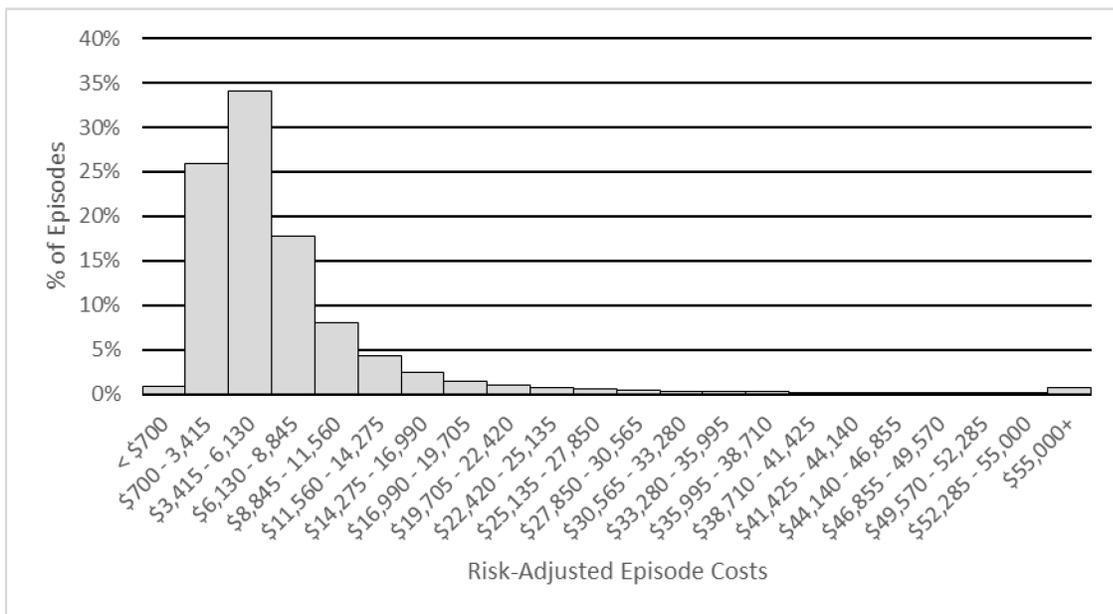


Figure 2-B. TIN-NPI Level Risk-Adjusted Episode Costs, Emergency Medicine



1.2 Heart Failure Cost Measure

1.2.1 Provider-Level National Distributions of Measure Scores

Figure 3-A. TIN Level Cost Measure Scores, Heart Failure

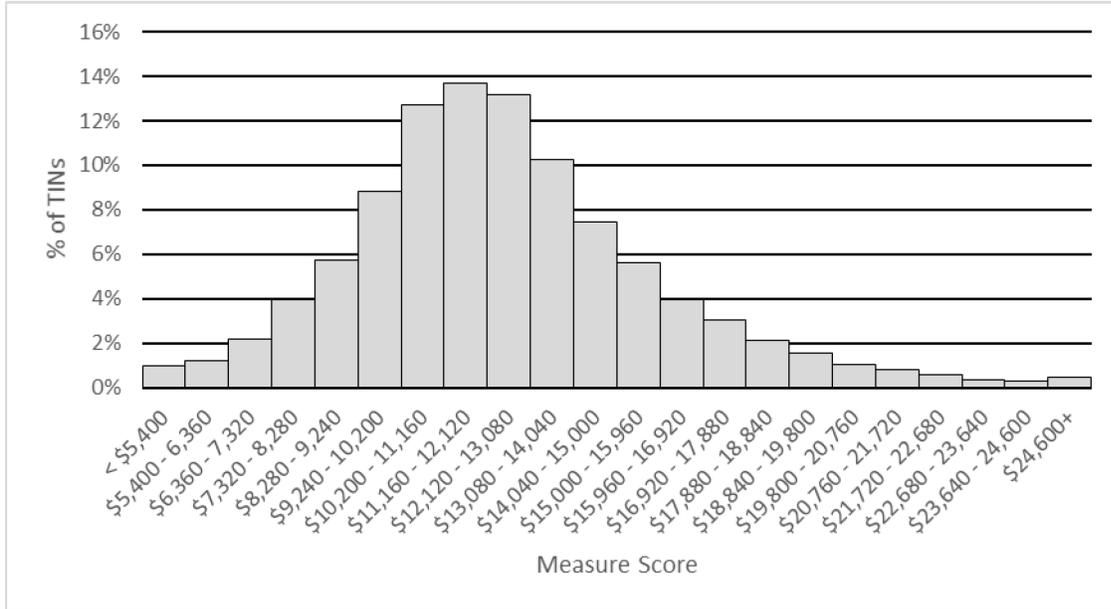
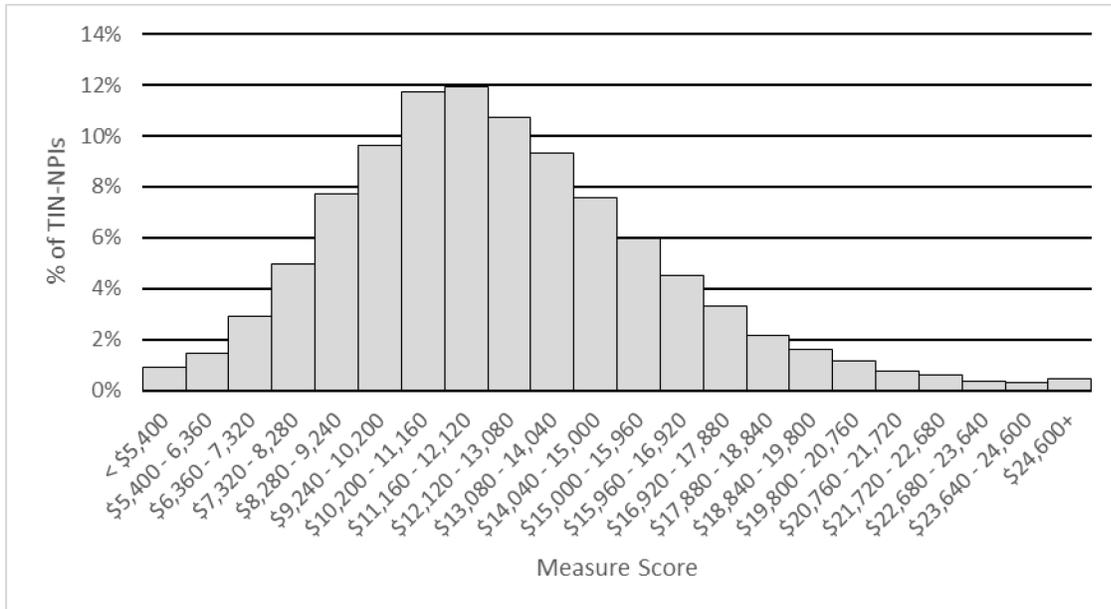


Figure 3-B. TIN-NPI Level Cost Measure Scores, Heart Failure



1.2.2 Episode-Level National Distributions of Risk-Adjusted Episode Cost
Figure 4-A. TIN Level Risk-Adjusted Episode Costs, Heart Failure

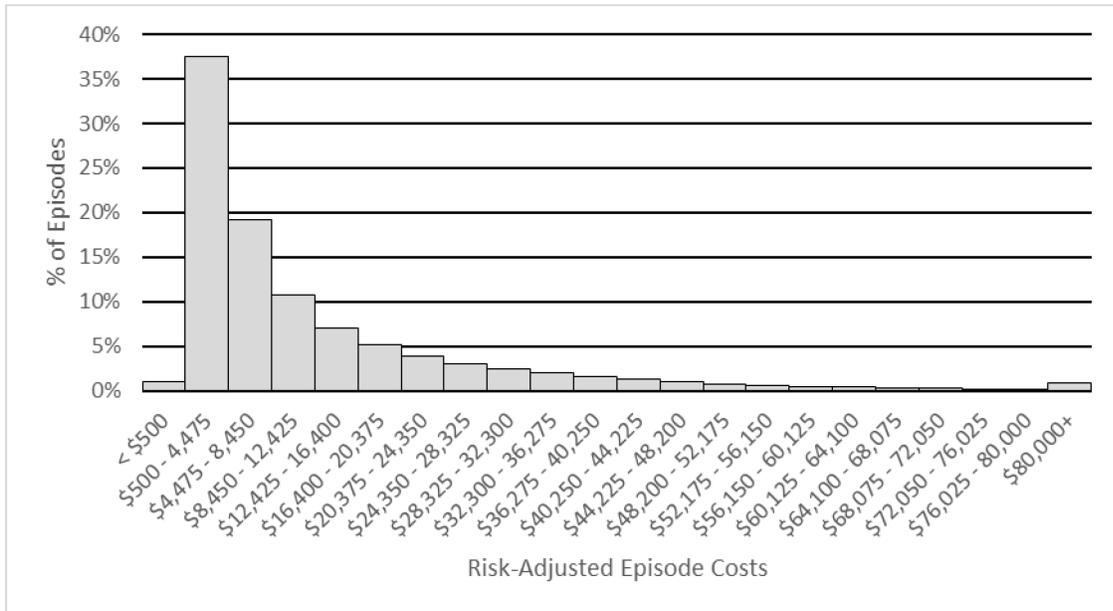
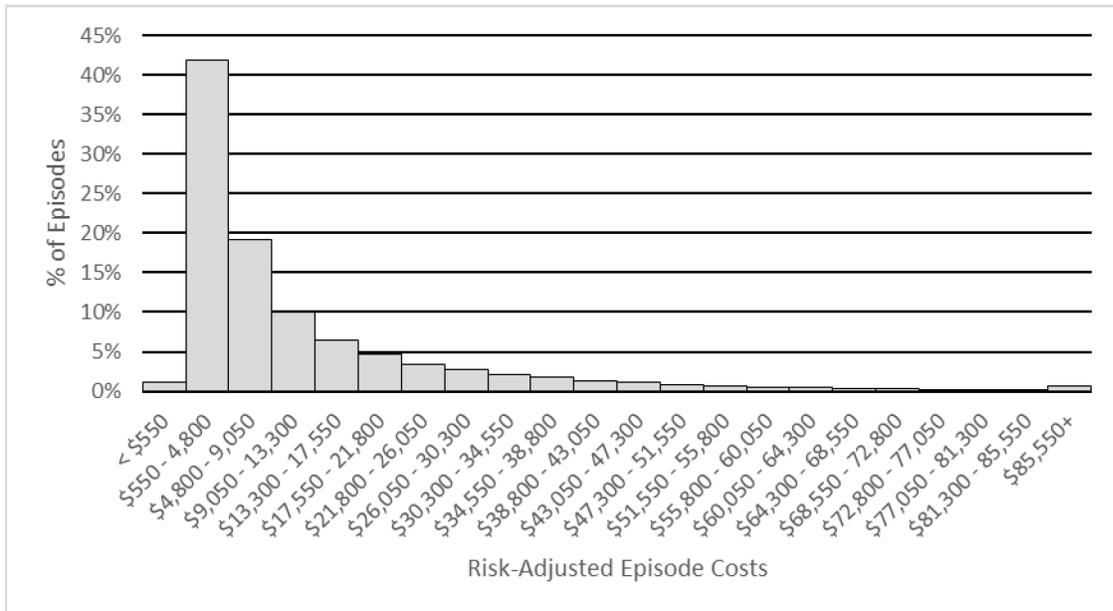


Figure 4-B. TIN-NPI Level Risk-Adjusted Episode Costs, Heart Failure



1.3 Low Back Pain Cost Measure

1.3.1 Provider-Level National Distributions of Measure Scores

Figure 5-A. TIN Level Cost Measure Scores, Low Back Pain

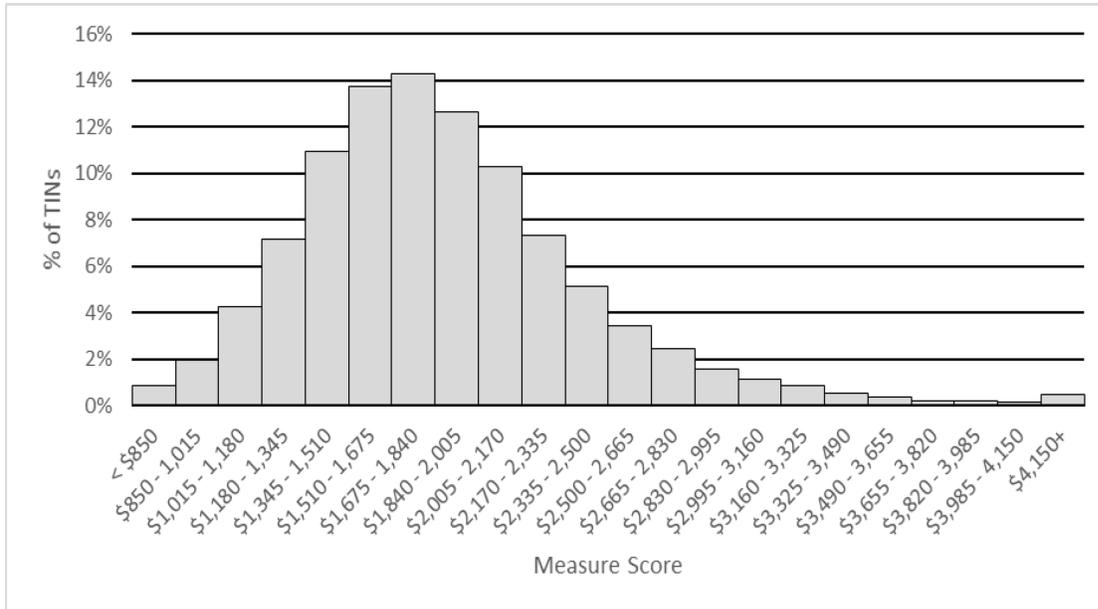
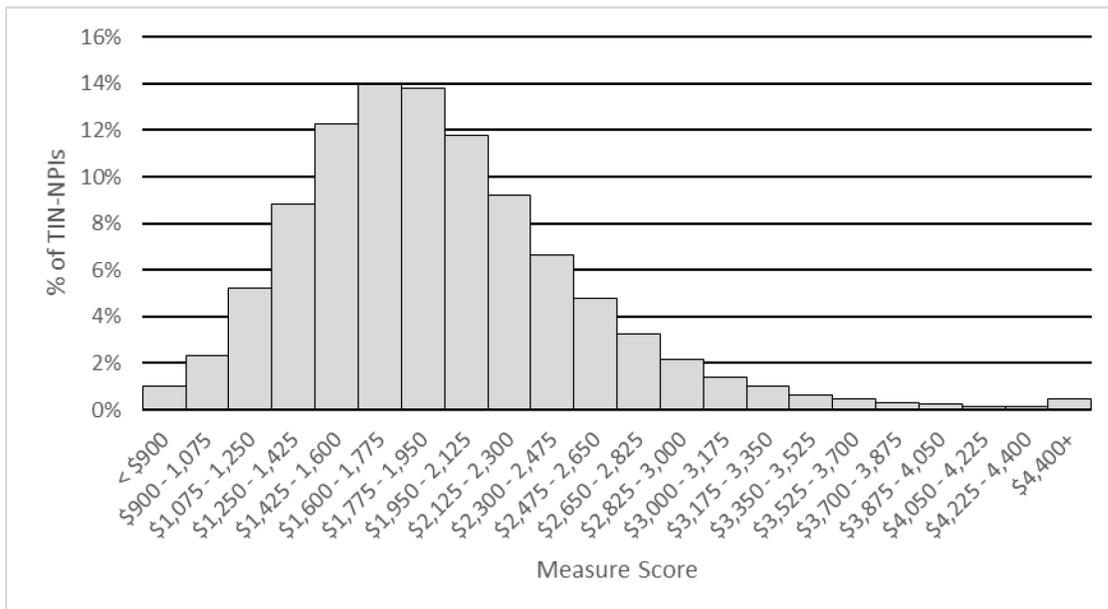


Figure 5-B. TIN-NPI Level Cost Measure Scores, Low Back Pain



1.3.2 Episode-Level National Distributions of Risk-Adjusted Episode Cost
Figure 6-A. TIN Level Risk-Adjusted Episode Costs, Low Back Pain

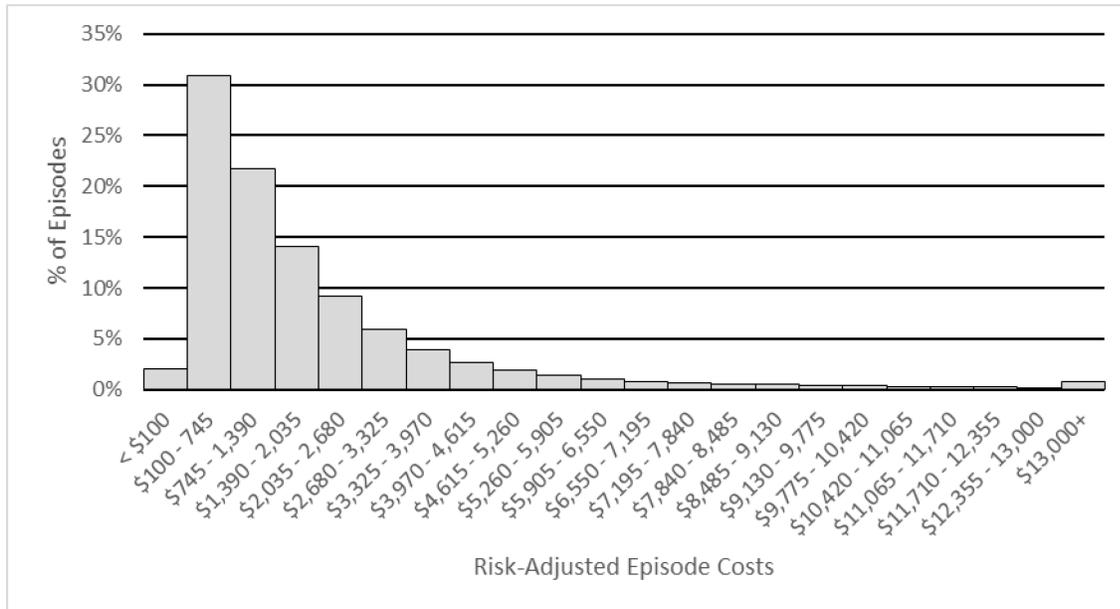
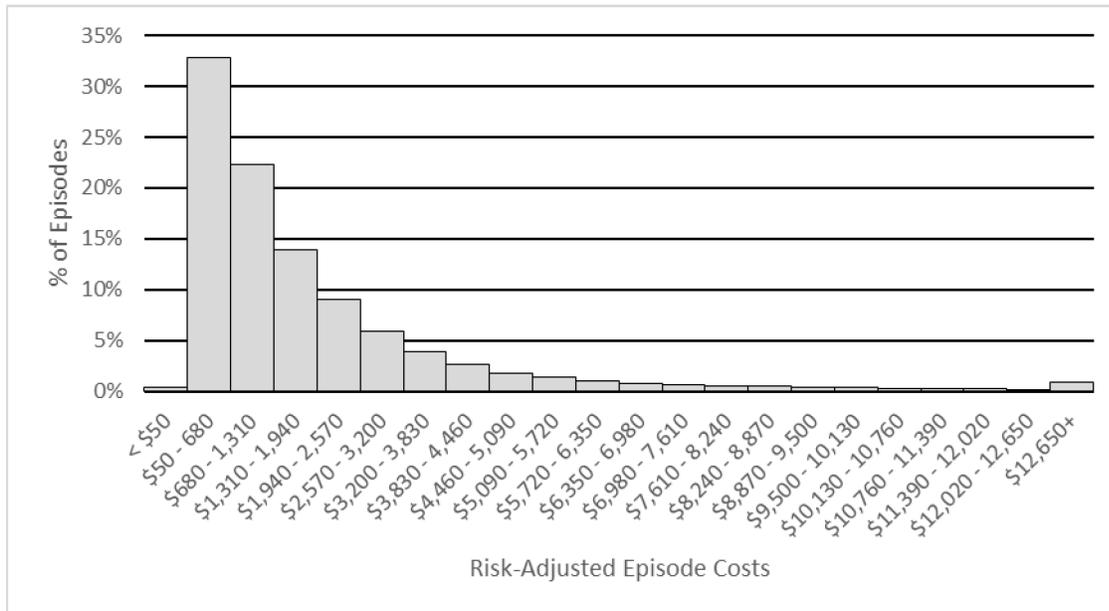


Figure 6-B. TIN-NPI Level Risk-Adjusted Episode Costs, Low Back Pain



1.4 Major Depressive Disorder Cost Measure

1.4.1 Provider-Level National Distributions of Measure Scores

Figure 7-A. TIN Level Cost Measure Scores, Major Depressive Disorder

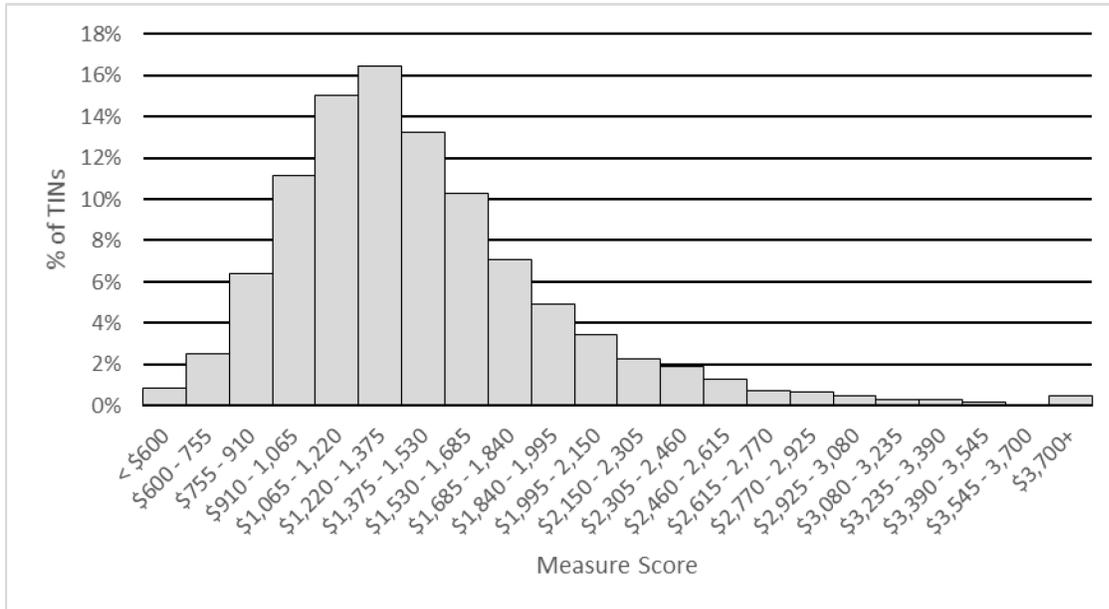
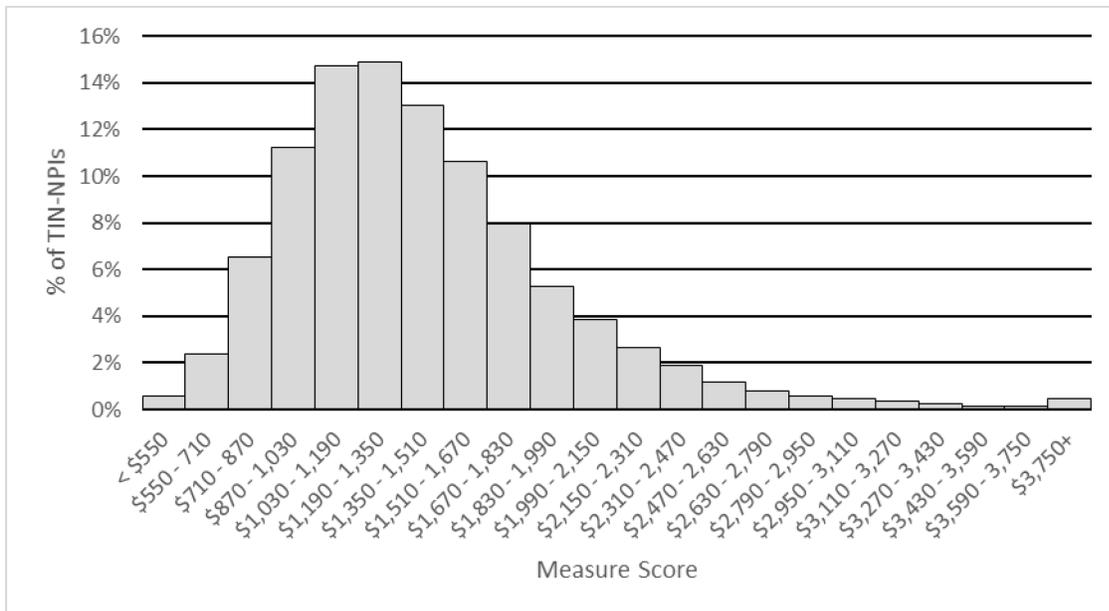


Figure 7-B. TIN-NPI Level Cost Measure Scores, Major Depressive Disorder



1.4.2 Episode-Level National Distributions of Risk-Adjusted Episode Cost
Figure 8-A. TIN Level Risk-Adjusted Episode Costs, Major Depressive Disorder

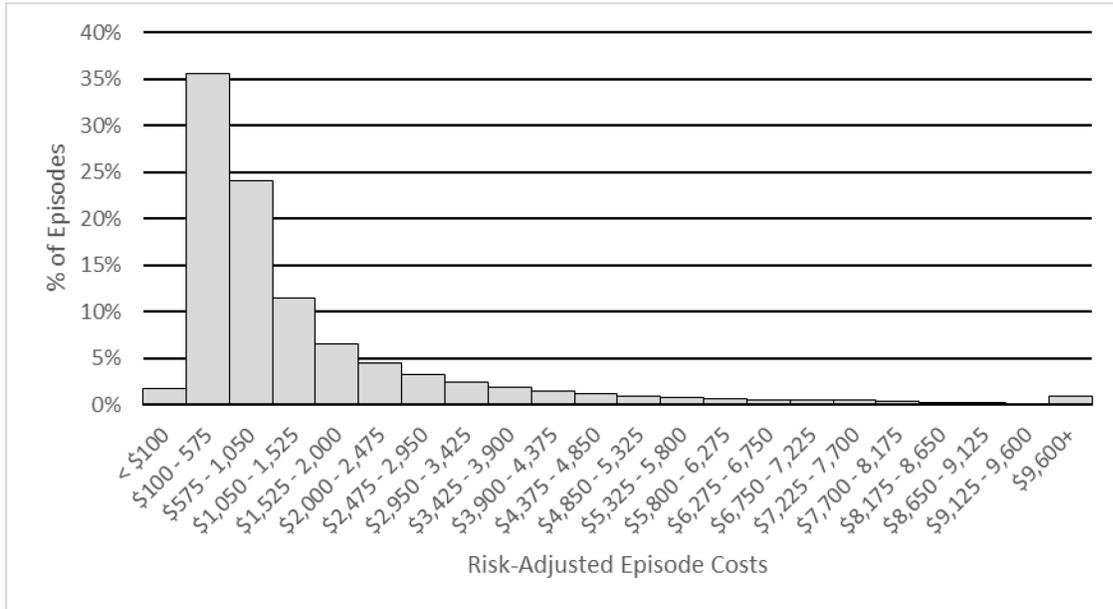
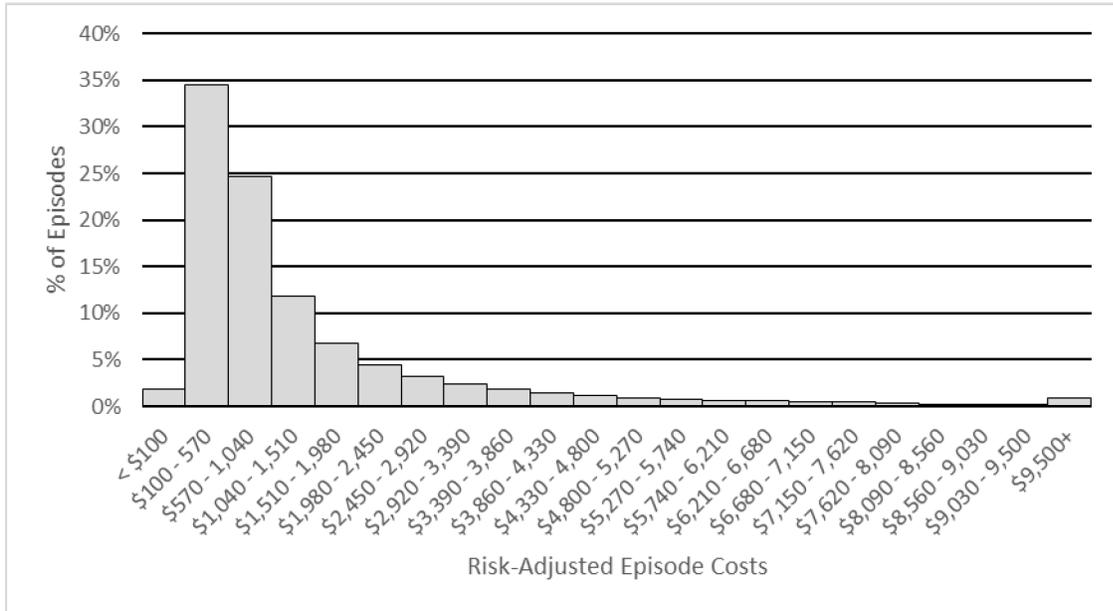


Figure 8-B. TIN-NPI Level Risk-Adjusted Episode Costs, Major Depressive Disorder



1.5 Psychoses/Related Conditions Cost Measure

1.5.1 Provider-Level National Distributions of Measure Scores

Figure 9-A. TIN Level Cost Measure Scores, Psychoses/Related Conditions

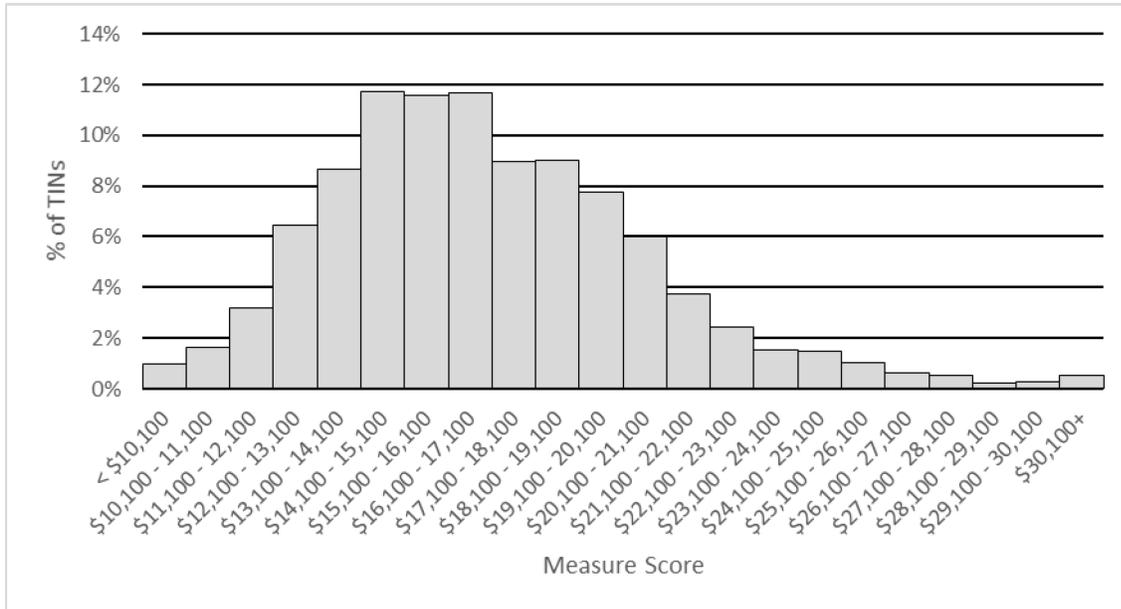
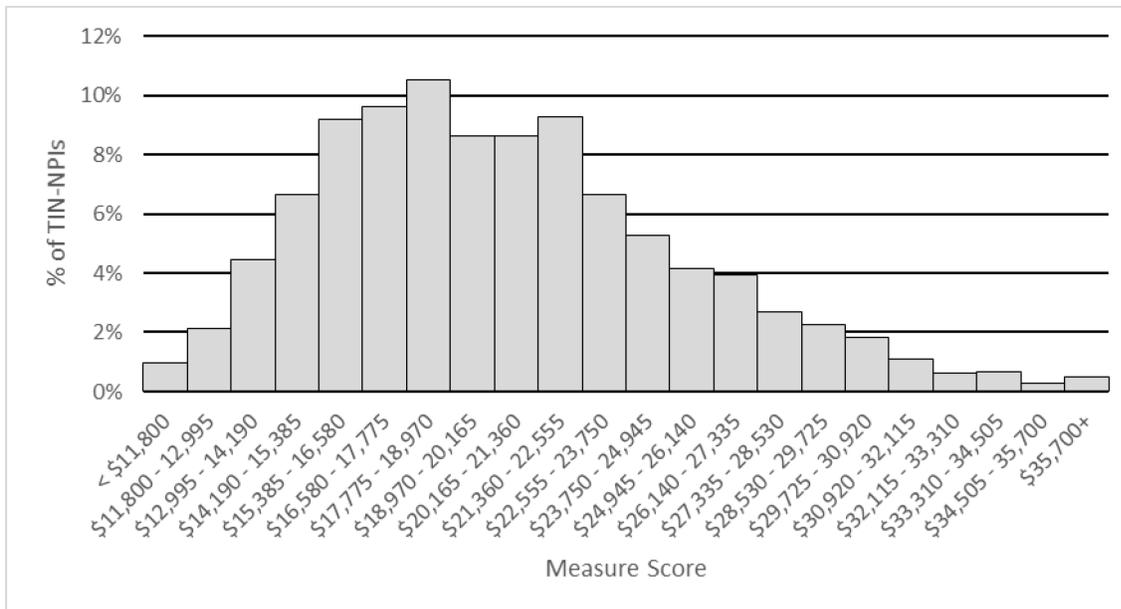


Figure 9-B. TIN-NPI Level Cost Measure Scores, Psychoses/Related Conditions



1.5.2 Episode-Level National Distributions of Risk-Adjusted Episode Cost

Figure 10-A. TIN Level Risk-Adjusted Episode Costs, Psychoses/Related Conditions

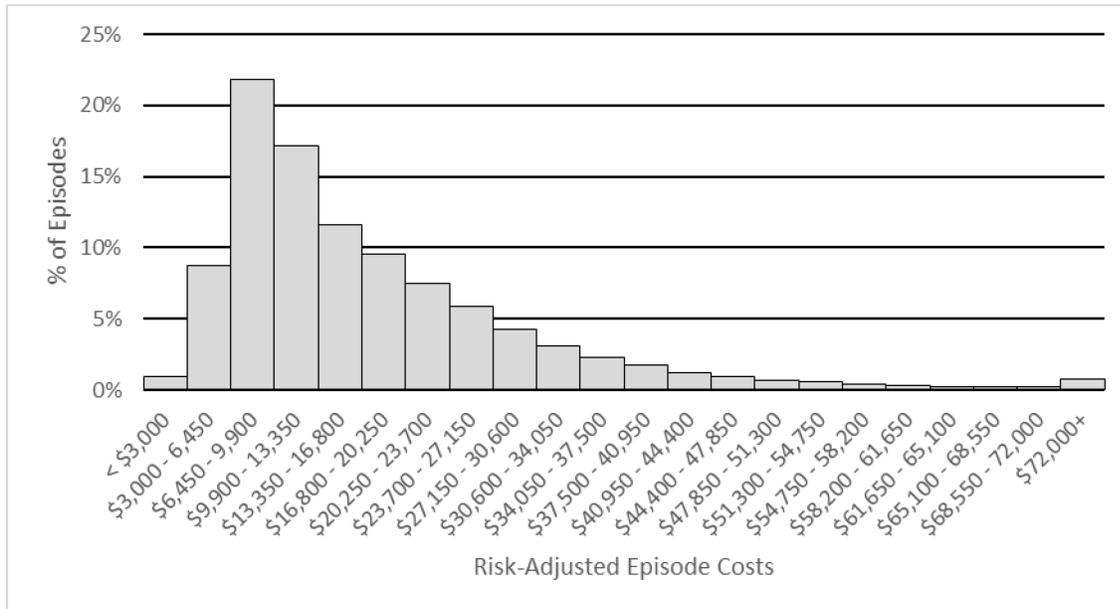


Figure 10-B. TIN-NPI Level Risk-Adjusted Episode Costs, Psychoses/Related Conditions

