

## Savannah Informatics Data Analysis Report

### 1. Executive Summary

This report presents an in-depth analysis of healthcare payments and trends, focusing on outpatient and inpatient services, geographic affordability, and diagnostic patterns across years. Key insights include Medicare payment distributions by provider, trends in APC charges, and a detailed examination of the outpatient-to-Medicare payment ratios over time.

### 2. Objectives and Scope

The goal of this report is to assist Savannah Informatics in understanding healthcare payment patterns, provider payment trends, regional cost insights, and diagnosis distributions. The analysis spans both outpatient and inpatient payments, service usage, and affordable healthcare providers across states.

### 3. Findings and Analysis

#### 3.1 Average Outpatient and Inpatient Payments by Provider

- Outpatient payments for the period totaled to \$12.36 billion.
- Medicare payments for the period amounted to \$10.48 billion.
- A significant portion of healthcare payments (\$12.21 billion) came from non-government sources, showcasing the role of private contributions in funding.

#### 3.2 Outpatient-to-Medicare Payment Ratios

The outpatient-to-Medicare payment ratios provide a year-over-year view of how outpatient payments compare to overall Medicare expenditures:

- Overall Years: For the entire period analyzed, the outpatient-to-Medicare payment ratio was 117.98%. These ratios reveal a steady demand for outpatient services and highlight how outpatient care expenses are distributed within Medicare funding over time.

### **3.3 Time Series Analysis by APC Services and Provider**

The submitted charges for 2013 reached \$19.8 billion, reflecting high demand for APC and medical providers services.

### **3.4 Geographic Analysis of Affordable Providers**

States like Texas and Pennsylvania stand out as affordable options for emergency healthcare services.

### **3.5 ICD10 Diagnosis Analysis by State**

The top ICD-10 diagnoses vary by state. For example, Florida had 119 cases of benign neoplasms, highlighting prevalent health issues.

## **4. Conclusion**

This report provides a comprehensive view of healthcare trends, including outpatient-to-Medicare payment ratios, which illustrate shifts in outpatient care funding over time. These insights can inform strategic decisions on healthcare funding allocation, cost management, and public health planning.