

# Inpatient Rehabilitation Facility Conditions Report

## 1. Overview

This report provides a comprehensive analysis of inpatient rehabilitation facility conditions across various CMS regions, cities, and providers. The dataset consists of **11,034 records**, covering rehabilitation cases categorized by medical condition, geographic region, and facility. The insights derived from this report aim to assist policymakers, healthcare administrators, and medical practitioners in improving patient care and optimizing resource allocation.

## 2. Key Findings

### 2.1 CMS Region Analysis

- The dataset includes **10 CMS regions**, each with varying levels of inpatient rehabilitation cases.
- **Region 4** has the highest number of cases (**153,392**), indicating a significant demand for rehabilitation services in this area.
- **Region 6** follows closely with **139,029 cases**, and **Region 5** reports **87,666 cases**.
- **Region 10** has the lowest number of cases (**7,867**), suggesting either a lower incidence of conditions requiring rehabilitation or limited access to services.
- Disparities in rehabilitation cases across regions may indicate a need for targeted interventions and resource reallocation.

### 2.2 Condition Analysis

- The most common conditions treated in inpatient rehabilitation facilities are:
  - **Stroke:** 126,555 cases (One of the leading causes of long-term disability, requiring intensive therapy and rehabilitation.)
  - **Hip or knee replacement, amputation, or bone/joint conditions:** 99,327 cases (Indicative of a high demand for post-surgical rehabilitation.)
  - **Nervous system disorders (excluding stroke):** 85,311 cases (A broad category that may include multiple sclerosis, Parkinson's disease, and other degenerative conditions.)
  - **Hip or femur fractures:** 63,019 cases (A significant concern for the elderly population.)

- **Brain disease (non-traumatic):** 50,959 cases (Such as Alzheimer's and other cognitive impairments requiring rehabilitation.)
- **Brain injury (traumatic):** 29,354 cases (A key area of rehabilitation, often requiring multidisciplinary intervention.)
- **Spinal cord diseases (non-traumatic):** 27,839 cases (Chronic conditions that require long-term management and therapy.)
- **Spinal cord injury (traumatic):** 10,748 cases (A major area of specialized rehabilitation treatment.)
- "All other conditions" comprise **126,949 cases**, highlighting a diverse range of rehabilitation needs not classified under specific categories.

## 2.3 City Analysis

- The top cities with the highest inpatient rehabilitation cases include:
  - **San Antonio:** 6,241 cases
  - **Houston:** 6,118 cases
  - **Las Vegas:** 6,004 cases
  - **Dallas:** 4,851 cases
  - **West Orange:** 4,590 cases
  - **Sarasota, Richmond, Jacksonville, Peoria, and Overland Park** also report substantial case numbers.
- Larger metropolitan areas show higher rehabilitation case volumes, likely due to greater hospital capacity, a larger aging population, and broader access to healthcare services.

