CHIA.

Massachusetts Acute Care Hospital Inpatient Discharge Data—Quarterly Update:

October 2018 through December 2023 (Preliminary)

Introduction

The Massachusetts Center for Health Information and Analysis (CHIA) provides analyses of health system utilization to inform payers, providers, policymakers, and the public. In December 2020, CHIA first published Massachusetts Acute Care Hospital Inpatient Discharge Data (FFY 2016-2019). This report provided information and analyses of hospital inpatient utilization patterns in the period leading up to the outbreak of COVID-19 and presented measures of inpatient utilization overall and by hospital, patient, and discharge characteristics.

Building upon that report, CHIA developed a new quarterly update series, which includes an interactive dashboard and an accompanying databook. The first quarterly update was published in April 2021 on data from October 2018 through December 2020. These quarterly updates use interim data to present analyses on a quarterly or monthly basis at a statewide and hospital level.

The data in the quarterly updates are preliminary. The primary purpose of this series is to provide timely patterns and trends on key inpatient utilization measures. The dashboard and databook are updated at each release with more complete information as it becomes available and as CHIA continues to work with providers and payers to process and confirm data submissions through the annual data collection process.

This quarterly update includes new data from October 2018 to December 2023. This update is organized in the following nine sections:

- Statewide Utilization
- Statewide Utilization by ZIP Code
- Utilization by Hospital
- Discharge Characteristics
- Average Length of Stay and Discharge Characteristics
- Diagnoses and Procedures
- Chronic Conditions
- Behavioral Health
- COVID-19

Statewide Utilization
The utilization section includes number of inpatient discharges, total inpatient days, and average length of stay. Measures are shown for all hospital inpatient discharges across Massachusetts, as well as by obstetric and age group, hospital cohort, and intensive care use.

Statewide Utilization by ZIP Code
This map shows the rate of discharges, per 100 residents, in percentiles by ZIP Code as well as the locations of Massachusetts acute care hospitals. Measures are shown for all hospital inpatient discharges across Massachusetts on a yearly basis. This section does not use preliminary data.

Utilization by Hospital
This section presents hospital-level inpatient utilization measures on a quarterly basis for all acute care hospitals in Massachusetts. The measures included are total discharges, total inpatient days, and average length of stay. The databook includes tabs for hospital utilization by expected primary payer type, discharge setting, and behavioral health related discharges by discharge setting.

Discharge Characteristics
This section shows statewide utilization patterns by age group, obstetric and age group, sex, race/ethnicity, expected primary payer type, discharge setting, intensive care use, and intensive care days.

Average Length of Stay and Discharge Characteristics
This section shows statewide average length of stay, in days, by age group, sex, race/ethnicity, expected primary payer type, and discharge setting.

Diagnoses and Procedures
This section presents common primary diagnoses and principal procedures associated with discharges by obstetric and age group at a statewide level. Additionally, the average length of stay for each primary diagnosis category is provided.

Chronic Conditions
This section shows statewide discharges by chronic conditions, including total discharges, percent of total discharges, and average length of stay within each obstetric and age group.

Behavioral Health
This section shows total discharges, percent of total discharges, and average length of stay for inpatient hospital discharges associated with any behavioral health conditions and by specific diagnosis categories. These estimates are presented for all discharges statewide and by obstetric and age group.

COVID-19
This section shows statewide utilization patterns for COVID-19- and non-COVID-19-associated discharges by patient and discharge characteristics, including age group, obstetric and age group, gender, race/ethnicity, expected primary payer type, discharge setting, intensive care use, and intensive care days. The measures included are total discharges, percent of total discharges, and average length of stay.

For more information, please contact:

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