Emerging Programs, Data Resources, and Measures for Hospitals

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Conflict of Interest Disclosure

Chris Krawczyk, Ph.D., reported no relevant financial relationships or relationships he has with ineligible companies of any amount during the past 24 months.





About the Presenter



Christopher Krawczyk, Ph.D. Chief Analytics Officer, HCAI

Dr. Christopher Krawczyk is the Chief Analytics Officer with the California Department of Health Care Access and Information (HCAI), Information Services Division. In this role, Dr. Krawczyk provides overall strategic direction for analyses of health care quality, outcomes, and utilization; for data services that facilitate stakeholder access to using data in their own analyses and work; and engagement of stakeholders to increase the usefulness and impact of HCAI data and analytic products.



Session Overview

INTRODUCTION & BACKGROUND

- Outreach & Engagement
- Generational Model of Analysis (GMoD)
- Stakeholder Informed Requests

OVERVIEW OF HCAI

- Mission & Vision
- Current HCAI Data, Analytics Capacities, and Data Products
- Mandated Reports
- New Programs & Initiatives at HCAI

DATA PRODUCTS SHOWCASE

Live demonstration of selected data products





Introduction & Background

HCAI's vision is "a healthier California where all receive equitable, affordable, and quality health care."

Our mission is to expand equitable access to quality, affordable health care for all Californians through resilient facilities, actionable information, and the health workforce each community needs.

We have over 40 years of experience supporting informed decisions in health care with data transparency, analysis, and reporting.



Outreach & Engagement

SUPPORT OUR STAKEHOLDERS

Better understand their needs and challenges

CREATE QUALITY DATA PRODUCTS

Develop and promote quality data products our stakeholders value

FACILITATE ACCESS TO INFORMATION

Champion innovation, transparency, and facilitate access to information



Generational Model of Data Analysis

HCAI'S GOAL TO GROW ANALYTIC CAPABILITIES

To generationally enhance the usefulness of information being made available in response to our stakeholders' and customers' requests

ENGAGING STAKEHOLDERS AND CUSTOMERS

To generate business intelligence on the release of products

To identify topics for future analytics

INITIAL ANALYTICS AND PRODUCT RELEASE

Generationally improve the presentations of the information and continue to explore the topic by adding in more data, measures, and visualizations



Stakeholder Engagements from 2018-2023

Cohort 1
Stakeholders

- 2019

 ∞

Worked with external Consultants

Interviewed 43 stakeholders

Developed engagement interview processes

Cohort 2 Stakeholders

19 interviews

Developed
Generational
Model of Analysis

2019

Cohort 3
Stakeholders

15 interviews
Implemented
Generational Model
of Analysis from
Cohort 1 & 2
stakeholders'
feedback

Cohort 4
Stakeholders

24 interviews
Implemented
Generational Model
of Analysis from
Cohort 3
stakeholders'
feedback

Cohort 5
Stakeholders

19 interviews
Implemented
Generational Model
of Analysis from
Cohort 4
stakeholders'
feedback



Stakeholder Demographics



Hospitals



Health Plans



Other Public or Private Entities

- 2023

Conducted 68 interviews

Interviewed 239 persons

2021

interviews
Interviewed 70
persons

Conducted 19

3 - 2023

Conducted 37 interviews

Interviewed 114 persons

2018 -



New Programs & Initiatives at HCAI

Hospital Fair Billing

Hospital Supplier Diversity Reporting Program

Hospital Equity Measures Reporting Program

Health Care Payments Data (HPD) Program

California Health Workforce Research Data Center (Research Data Center)





Hospital Fair Billing Program

AB 1020 Legislative Intent

- Help uninsured or underinsured receive financial assistance when receiving services from a qualified hospital
- Expand the number of patients eligible for financial assistance
- Increase protections for eligible patients
- Strengthen state enforcement and oversight of the Hospital Fair Pricing Act
- Expands the Department's existing hospital financial assistance policy collection and review efforts
- Tasks the Department with creating a patient complaint process for violations of the Act, and assess penalties for violations, including an appeals process



Hospital Statutory Requirements: Policy SubmissionContent

- Changes eligibility threshold to 400% FPL
- Redefines high medical costs
- Adds new notice requirements
- Limits selling to debt buyers
- Prohibits credit reporting or civil action for 180 days
- In addition to charity care and discount payment policies, requires hospitals to submit debt collection policies
- Requires hospitals to properly establish, provide notice of, and follow their discount care, charity care, and discount policies



Hospital Statutory Requirements: **Policy** Submission and **Patient Complaint Process Administrative Aspects**

- All hospitals that meet the definition of "Hospital" under 127400 (d) are subject to the Hospital Fair Pricing Act
- Hospitals are required to submit debt collection, discount payment, and charity care policies biennially
- Next biennial submission deadline is January 1, 2024
- The Department will begin accepting patient complaints on January 1, 2024
- The Department will have authority to assess penalties for violations of the Act and associated regulations as of January 1, 2024





Hospital Supplier Diversity Reporting Program

Hospital **Supplier Diversity** Reporting **Program: Program Overview**

- Health and Safety Code Section 1339.85-1339.87 requires the
 Department of Health Care Access and Information (HCAI) to develop
 and administer a Hospital Supplier Diversity Reporting Program to collect
 and post hospital supplier diversity reports explaining the hospital's
 supplier diversity statement and procurement efforts regarding certified
 minority, women, lesbian, gay, bisexual, transgender (LGBT), and
 disabled veteran business enterprises.
- Hospitals, with operating expenses over a specified amount, are required
 to annually submit a report to HCAI on their minority, women, LGBT,
 and disabled veteran business enterprise procurement efforts. HCAI is
 required to maintain a link on the HCAI website that provides access to
 the content of hospital supplier diversity reports to the public.
- Hospital systems and regional networks have the option to submit a Supplier Diversity Report, which enables them to disclose their supplier diversity initiatives and expenditures on a system or regional scale.



Hospital Supplier **Diversity** Reporting **Program: Program Overview** (Continued)

- Reports are due July 1 annually for prior calendar year information.
- Hospitals submit their Supplier Diversity Reports via an electronic reporting system called Hospital Disclosures and Compliance System (HDC).
- Hospitals may request a 30-day extension to file their report via the HDC System.
- Health and Safety Code, Section 1339.87 authorizes HCAI to impose a civil penalty of one hundred dollars (\$100) per day for failure report required information. Penalties imposed may be appealed pursuant to current appeals processes described in CCR, Title 22, Sections 95009 – 95014.
- The public has access to view submitted individual reports and statewide datasets containing all the submitted Supplier Diversity Reports.





Hospital Equity Measures Reporting Program

AB 1204 Legislative Intent

- Recognizes disparate impact of the COVID-19 pandemic and need for further data on access, quality, and outcomes of care
- Data could be used to analyze these disparities by age, sex, race, ethnicity, language, disability status, sexual orientation, gender identity, payor, and socioeconomic status
- Data would contribute to well-informed health policy and public health response and would improve the overall health of individuals and communities in the state



Hospital Statutory Requirements: Annual Equity Reports Administrative Aspects

- All hospitals that meet the definition of "Hospital" under 127371(d) are subject to the Medical Equity Disclosure Act
- Posted on the hospital website including the words "Equity Report"
- First reports due September 30, 2025*
- Hospital systems, with more than one hospital, must submit an equity report that is disaggregated at the individual hospital level and aggregated across all hospitals in the system

*Note: Due dates are set per statute as the CMS Health Equity Measures were finalized in August 2022.



2022-2025 Hospital Equity Reporting Program Roadmap

*Note: Due dates are set per statute as the CMS Health Equity Measures were finalized in August 2022.

July – December 2022

Convene and conduct Health Care Equity Measures Advisory Committee meetings

Develop and publish 1st set of Committee recommendations due December 31, 2022*

January – December 2023

Begin rulemaking process

Continue meeting with Health Care Equity Measures Advisory
Committee

January – December 2024

Establish regulations to specify reporting requirements

Outreach to hospitals to prepare for first annual submission

Continue meeting with Health Care Equity Measures Advisory

Committee

July – December 2025

Provide technical assistance to hospitals in the development of first annual hospital equity reports

Submission of first equity reports by hospitals due September 30, 2025*





Health Care Payments Data (HPD) Program

Advancing **Existing** and Planning for **New Data** and **Analytics**





What does the Health Care Payments Data Program Do?

Health Plans submitting:

- ✓ Fully-insured commercial plans
- ✓ Medicare advantage plans
- Note: DHCS will submit the Medi-Cal data they already receive from health plans

Data that is collected:

- ✓ Claims data
- Encounter data
- Member enrollment
- ✓ Provider registry data

How data is used:

- ✓ Inform healthcare policy decisions
- Support improved health care cost and quality
- Develop innovative approaches to the delivery of health care



Health Care Payments Data Program (HPD) Overview

JUNE 2018 Initial Funding AB 1810

 \$60 Million General Fund appropriation to plan for and develop HPD System to collect claims and administrative payments data from public and private payers of California

MARCH 2019

Public Review Committee

- Committee convened to advise HCAI on the establishment, implementation, and sustainability of the HPD System
- Representation from CAHP and Association of California Life and Health Insurance Companies (also representation in Advisory Committee)

MARCH 2020 Legislative Report Submitted report to the Legislature with 36 unanimously approved recommendations from the Review Committee

JULY 2020 Mandate AB 80 Formally establishes the HPD Program at HCAI including codifying mandatory submitters, the Advisory Committee, and Data Release Committee

JULY 2023
Design & Implement

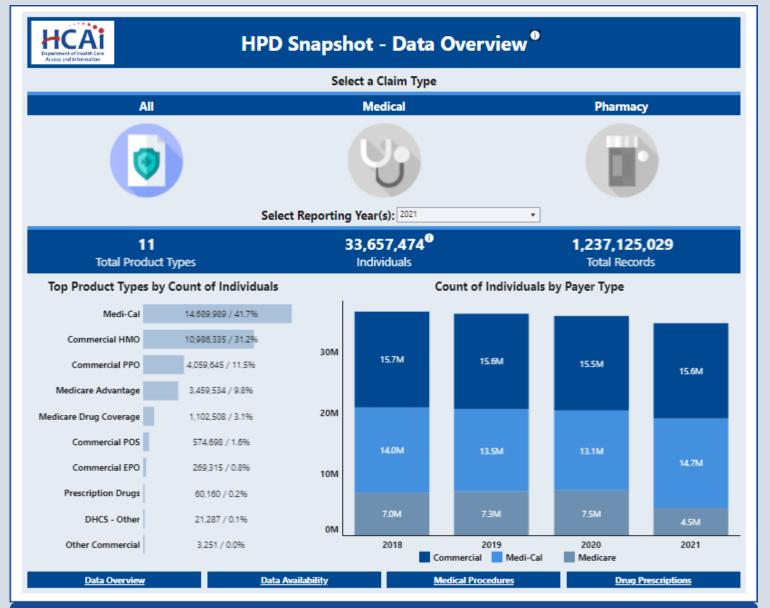
 Substantial completion of the HPD System



^{*}Charles Bacchi, President & CEO, California Association of Health Plans

^{*}Steffanie Watkins – Vice President of Health Policy, Association of California Life and Health Insurance Companies

Health Care Payments Data Program -Snapshot



HPD Program
Overview

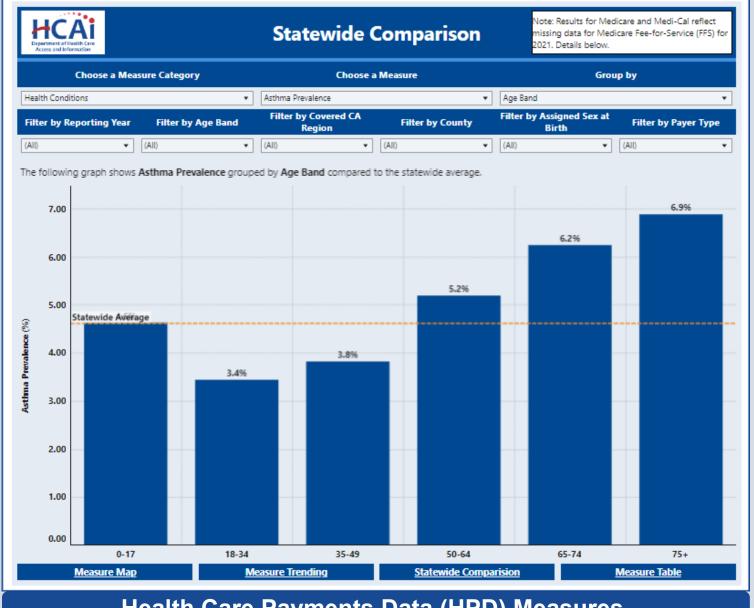
HPD Program
Advisory
Committee

HPD Data
Release
Committee





Health Care Payments Data Program Measures



HPD Program
Public
Reporting

HPD Program Overview







California Health Workforce Research Data Center (Research Data Center)

Research Data Center (RDC)

ASSEMBLY BILL 133

Created the Health Workforce Research and Data Center

CENTRAL SOURCE

For health workforce and education data

ANNUAL REPORT TO THE LEGISLATURE

HCAI will produce an annual report to the Legislature on:

- Supply, demand, and gaps in the pipeline
- Educational capacity and employment trends
- Diversity of the workforce
- Inform state policy to address workforce issues



Research Data Center Priorities

Build a robust health workforce data system that integrates a variety of data sources:

- Workforce data
- Education data
- Economic data
- Census data
- Grant program data
- Geospatial data

Work with stakeholders to identify high-value data products to develop and publish to a public facing portal.



Workforce Data

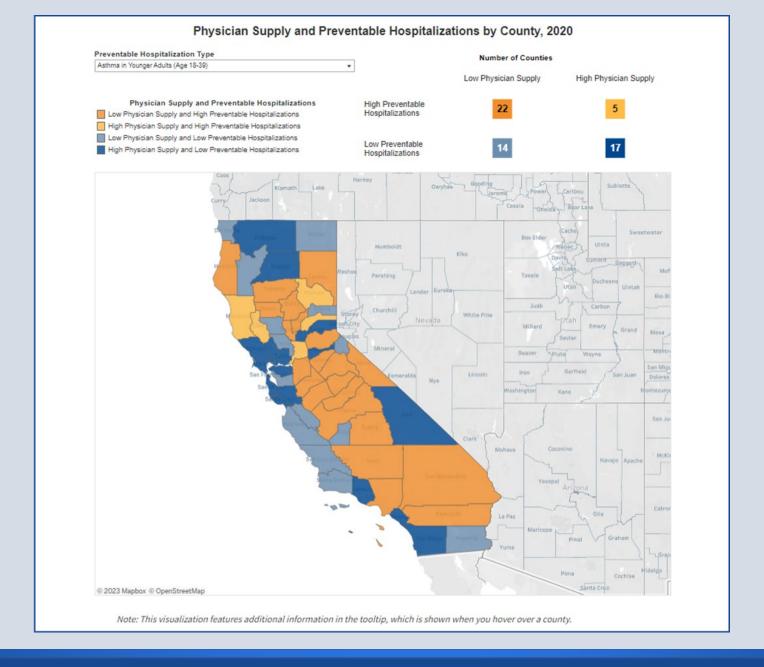
Data collection integrated into the license renewal process.

Collects a standard set of information from every licensee every two years:

- Practice location
- Hours spent in direct patient care
- Specialty
- Race/Ethnicity
- Languages spoken
- Retirement plans
- Education background



Physician Supply and Preventable Hospitalizations by County

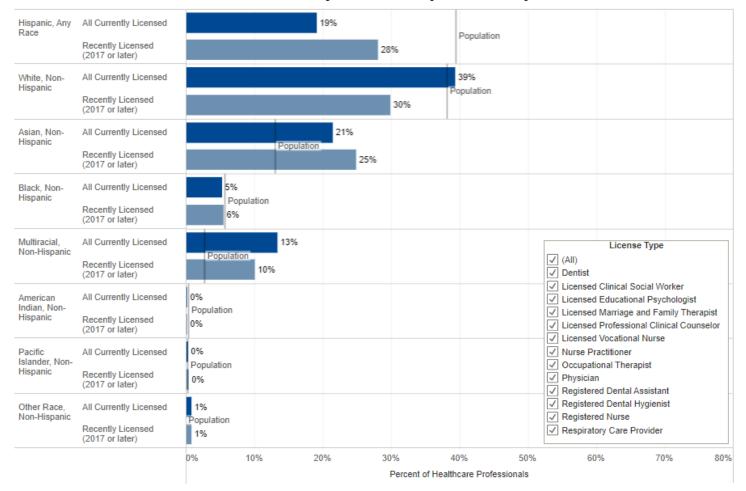


Physician
Supply and
Preventable
Hospitalizations
Map by County,
Asthma
in Younger
Adults
(Age 18-39)
2020



Race/Ethnicity Trends in Health Workforce in California

Healthcare Professionals by Race/Ethnicity and Recency of License



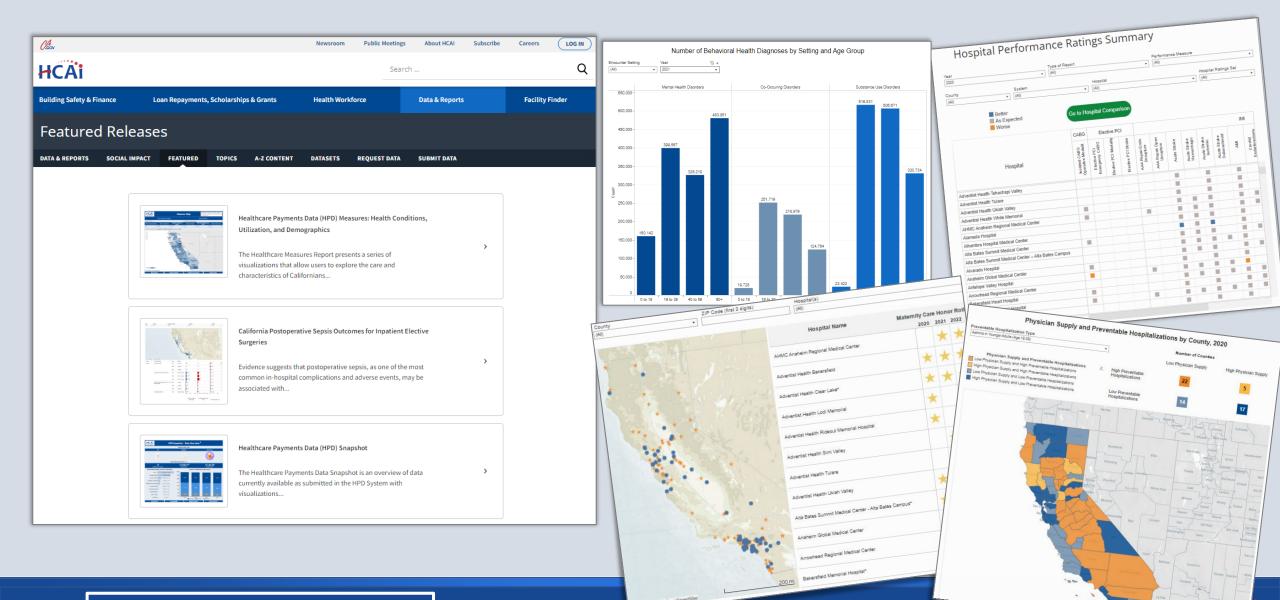
Note: Data represents a custom tabulation of healing arts survey responses from licenses in active status on April 1, 2022. Population data is sourced from the California Department of Finance's State Population Projections (2020).



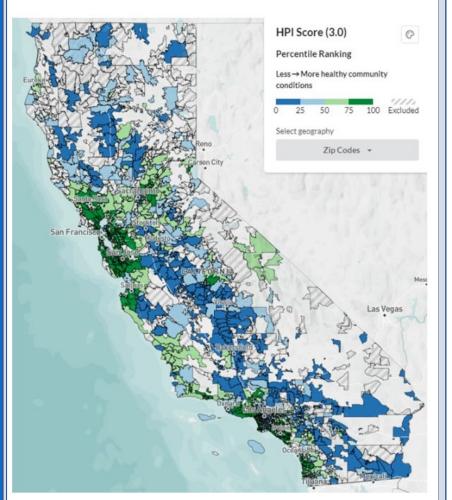


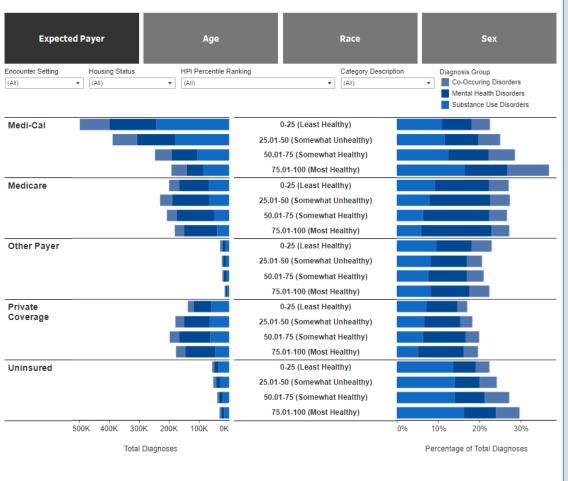
Data Products Showcase

Featured Releases



Mental and
Behavioral
Health
Diagnoses in
Emergency
Department
and Inpatient
Discharges by
Healthy Places
Index Ranking



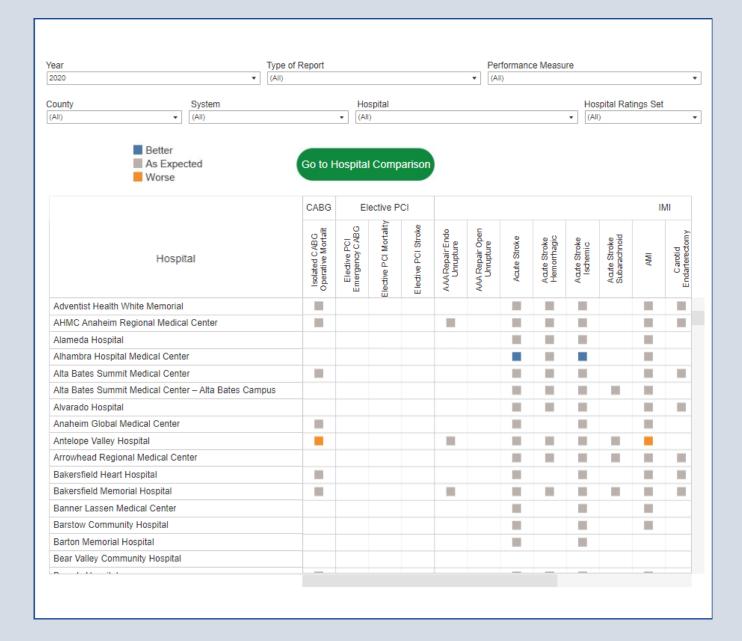


HPI Map

Mental Health Substance Use Disorder Diagnoses by Expected Payer, 2020



Hospital Performance Ratings Summary Report

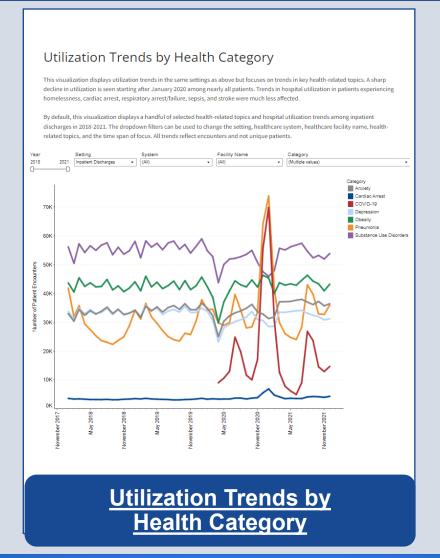


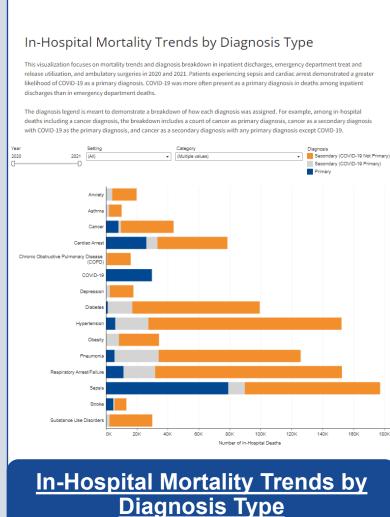
Hospital
Performance
Ratings
Summary
Report,
2016-2020
Data Available



COVID-19 Hospital Utilization Trends

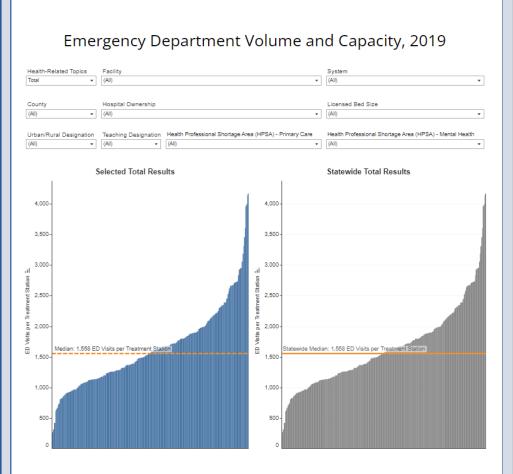
Hospital Utilization Trends The visualization below focuses on utilization trends in inpatient discharges, emergency department treat and release utilization, and ambulatory surgeries beginning in 2018. The sharp downward trend in all three settings begins after January 2020 with the onset of COVID-19 and hits a low point in April 2020 before beginning to rise again. Utilization of the emergency department remained low in late 2020 and throughout 2021 relative to previous years. Inpatient discharges and ambulatory surgeries rebounded nearly to levels typically seen pre-pandemic beginning in March 2021. Utilization from 201-2021 within specific healthcare systems and facilities can be viewed using the dropdown filters 1200K 500K 400K **Hospital Utilization Trends**



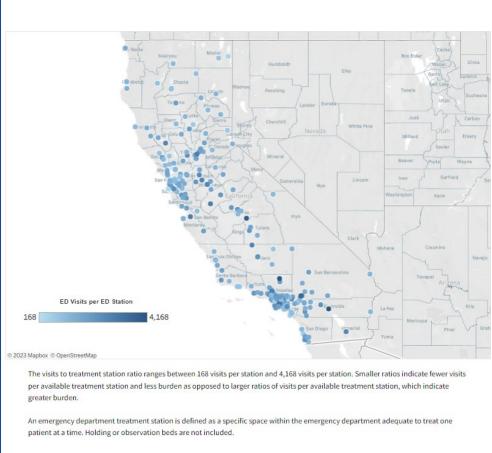




Emergency
Department
Volume and
Capacity by
Facility, Health
Category, and
Health
Professional
Shortage



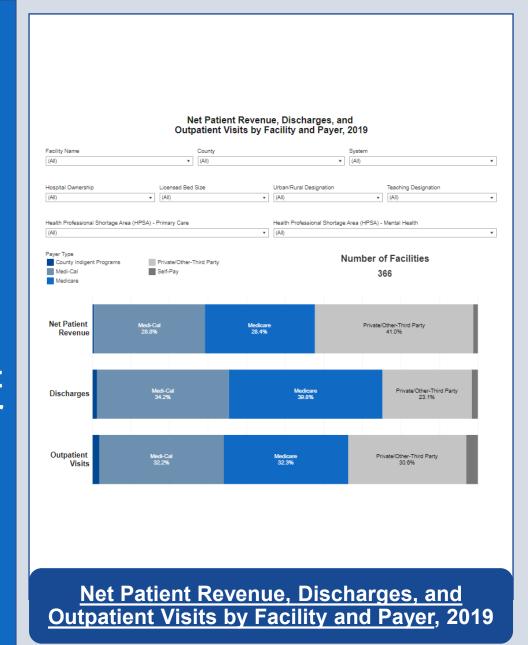
Emergency Department Volume and Capacity by Facility, 2019

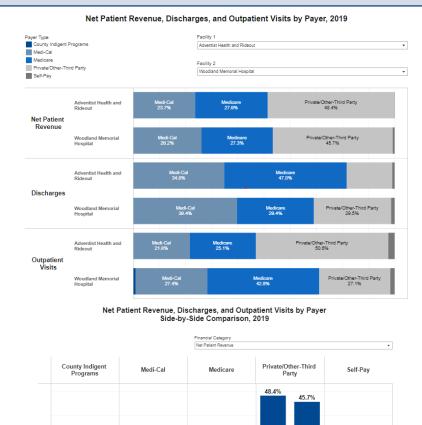


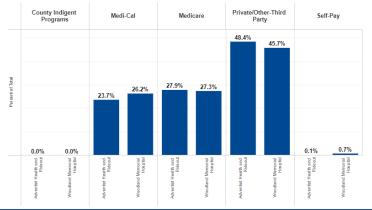
Emergency Department Volume and Capacity by Facility, 2019 (Map)



Net Patient Revenue, Discharges, and Outpatient Visits by Payer and Facility







Facility Comparison Tool



Follow-up contacts

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Thank you!



Department of Health Care
Access and information
Office of Information Services
Health Care Analytics Branch