Center for Health Information and Analysis

CHIA Overview and Update
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Background on CHIA

• CHIA was created in 2012 with a mission “to collect, analyze and disseminate health care information to assist in the formulation of health care policy.”

• In 2015 an 11-member Oversight Council was created to improve CHIA’s governance.

• CHIA collects data from providers and payers, generates basic measurements of the healthcare sector, publishes numerous reports, and provides data and analytics services to other state agencies.

• CHIA has established strong working relationships with EOHHS, MassHealth, the Health Policy Commission, the Connector, DPH, GIC, DOI, and other agencies.

• CHIA’s statute requires the agency to report comparative healthcare cost and quality information through a consumer health information website.
CHIA’s Data Assets

CHIA receives over 25,000 file submissions per year. The following data assets provide the foundation for CHIA’s reporting and analytic work.

- Acute Hospital Discharge, Emergency Department, and Observation Stays
- All-Payer Claims Database
- Provider Financial and Cost Reports
- Health Care Expenditure Reports from Health Plans
- Statewide Surveys: Employers, Households, and Patient Experience
- Quality Measure Sets: Patient Experience, HEDIS, and CMS data
- Registered Provider Organizations
CHIA’s Major Publications

- Performance of the Massachusetts Health Care System: Annual Report
- Provider Relative Price Report
- Massachusetts Hospital Profiles
- CHIA Standard Statistics
- Massachusetts Health Insurance Survey
- Massachusetts Employer Survey
- A Focus on Provider Quality: Annual Report
- Hospital-Wide Adult All-Payer Readmissions in Massachusetts
- Hospital-Specific Readmissions Report
- Massachusetts Health Care Coverage: Enrollment Trends
- Mandated Benefit Reviews
- Massachusetts Acute Hospital Financial Performance
CHIA’s Major Data Assets

Casemix: Hospital Discharge, ED, and Observations

- CHIA’s oldest, most mature, and analytically useful dataset at this time.
- Granular detail, but only acute hospitals settings and no cost data.
- CHIA is in the process of adding data from behavioral health hospitals.
- Substance use disorder services are still a major gap, but CHIA is working on approaches that will allow us to add this data.

All-Payer Claims Database

- CHIA’s most ambitious data resource.
- The APCD offers unparalleled breadth and depth of data.
CHIA’s Major Data Assets (continued)

All-Payer Claims Database (continued)

• The APCD, without enhancements, is raw and hard to use.

• CHIA is exploring a new approach to the APCD.

Provider Financial and Cost Reports

• CHIA collects financial and cost data from hospitals; nursing facilities; community health centers; rest homes; nursing services; adult day health center; ambulance/chair car; adult foster care; and group adult foster care.

• This data collection supports CHIA’s rate setting activities.

Health Care Expenditure Reports from Health Plans

CHIA’s Major Data Assets (continued)

Health Care Expenditure Reports from Health Plans (continued)

- This data allows CHIA to measure and study total healthcare expenditures, enrollment, cost sharing,

Statewide Surveys: Employers, Households, and Patient Experience

- Employer survey provides insights on the employer health insurance market, including employer health insurance offerings, employee take-up rates, cost-sharing, plan characteristics, and employer decision making.

- In 2016, the employer survey was redesigned to better reflect changes in the health insurance markets and changing state priorities for health care reform.

- The Household Survey (MHIS) provides information on health insurance coverage, health care access and use and health care affordability.
Quality Measure Sets: Patient Experience, HEDIS, and CMS data

- CHIA convenes and expert advisory group called the Statewide Quality Advisory Committee (SQAC).
- The SQAC helps CHIA establish a collection of measures called the Statewide Quality Measure Set (SQMS).
- CHIA also collects and publishes 3rd party quality data.

Registered Provider Organizations

- New data collection initiative being undertaken in partnership with the Health Policy Commission.
- Will dramatically expand our understanding of physicians and medical groups.
- Will facilitate entirely new types of analysis and services.
Data Collection Ideas for the Future

- Pharmaceutical Costs
- Behavioral Health
- Substance Use
- Quality Measurement and Reporting
- Real-time/HIE data
- Clinical Data
- Social Determinants
- Disparities in Care
- Practice Pattern Variations
- Predictive Analytics
CHIA’s Transparency Website – Overview

- Target audience is consumers and small employers
- Will also serve providers, payers, and policymakers
- Agile, phased approach with Phase 1 going live in Fall 2017
- Being developed in close collaboration with state agencies and private stakeholders
- Multiple pricing views: relative price, and payer and provider-specific, procedure level pricing
- Will include quality and safety information
- Consumer educational materials and tools, including plan choice and links to health plan pricing tools
- Small business educational materials and tools
- Provider and health plan transparency compliance support
- CHIA’s entire public data archive available via API