

MASSACHUSETTS
ALL-PAYER CLAIMS DATABASE
NON-TECHNICAL OVERVIEW

June 2015



center
for health
information
and analysis

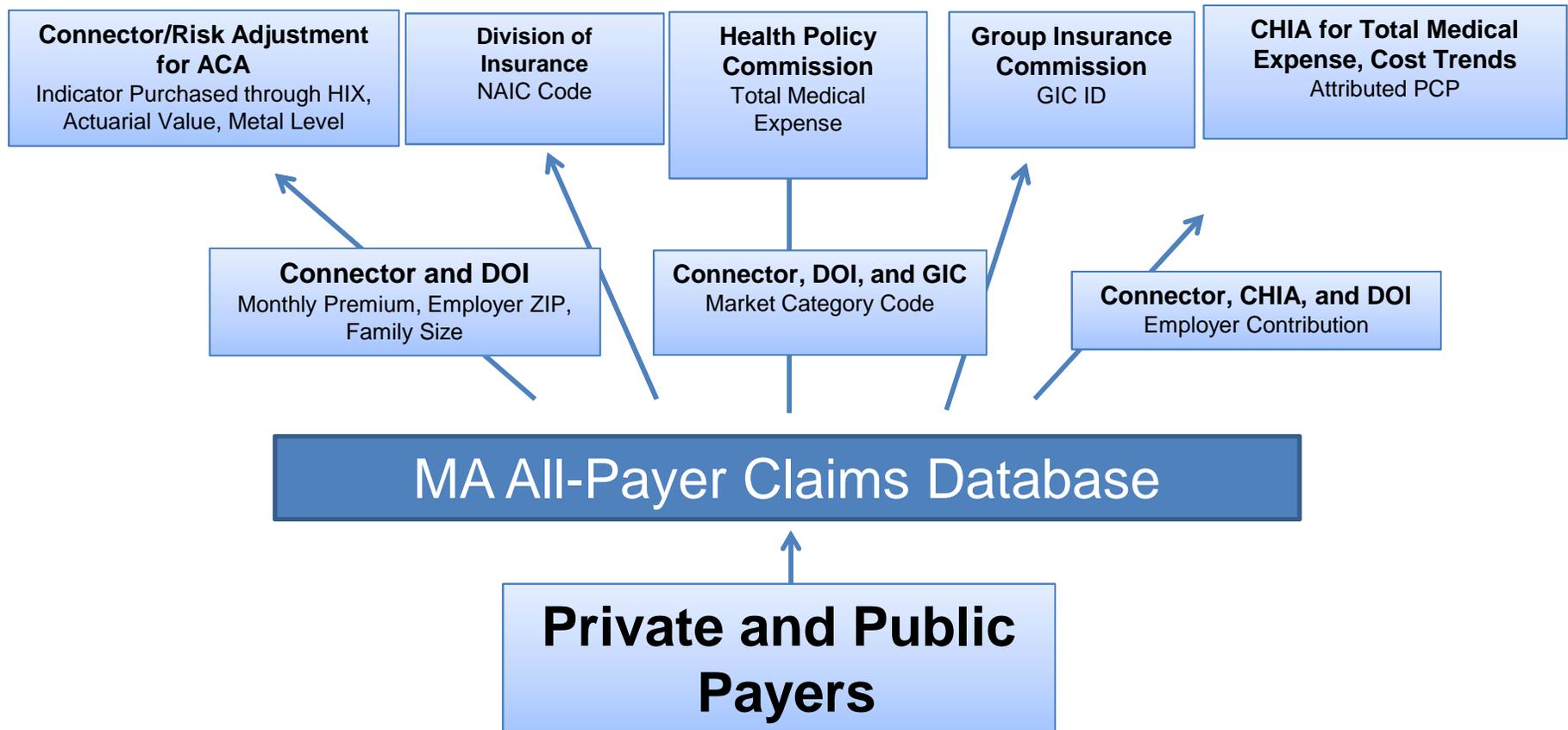


MA All-Payer Claims Database (MA APCD)

- Intended to simplify the process by which payers submit claims data to various MA state agencies
 - State agencies are required, when possible, to use the MAAPCD before requesting data directly from payers
- Also intended to benefit carriers by reducing the number of complex, overlapping, and sometimes contradictory requests for data
- MA APCD contents:
 - Details of medical, pharmacy, and dental claims data for the majority of Massachusetts residents
 - Details of providers, products, and benefit plans
- Available to state agencies, payers, providers, researchers, and others
 - Subject to federal and state privacy rules and regulations

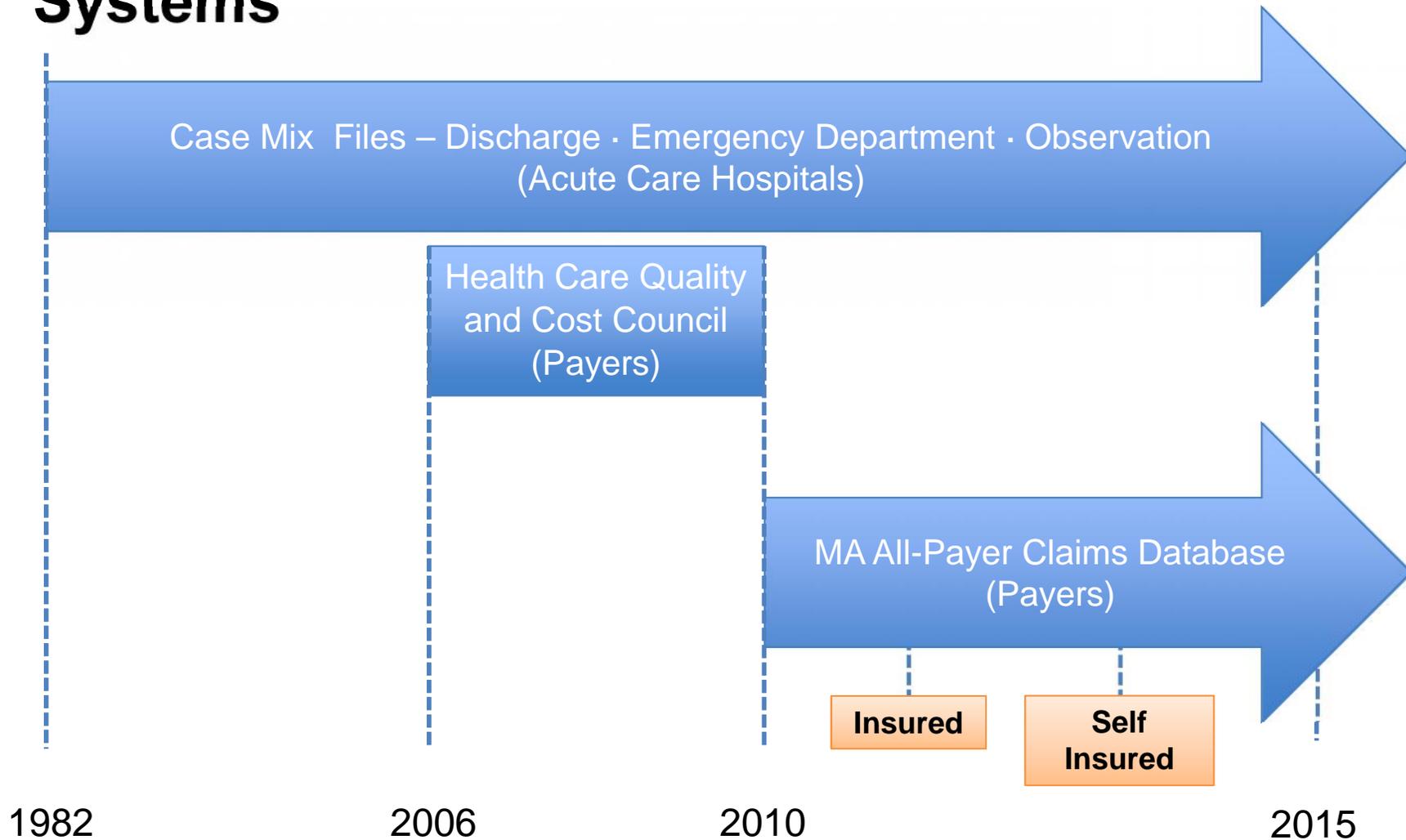
Administrative Simplification

Selected Data Elements in the MA APCD



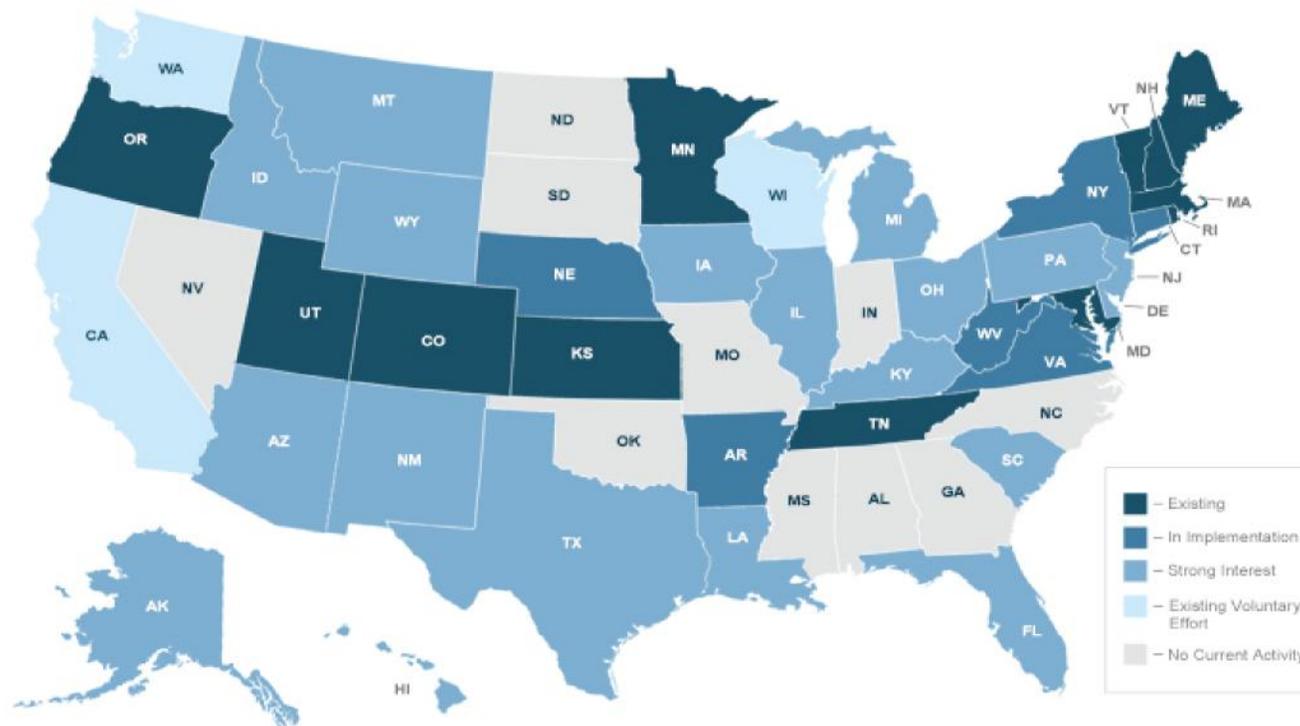


MA APCD Builds on CHIA's Expertise and Systems

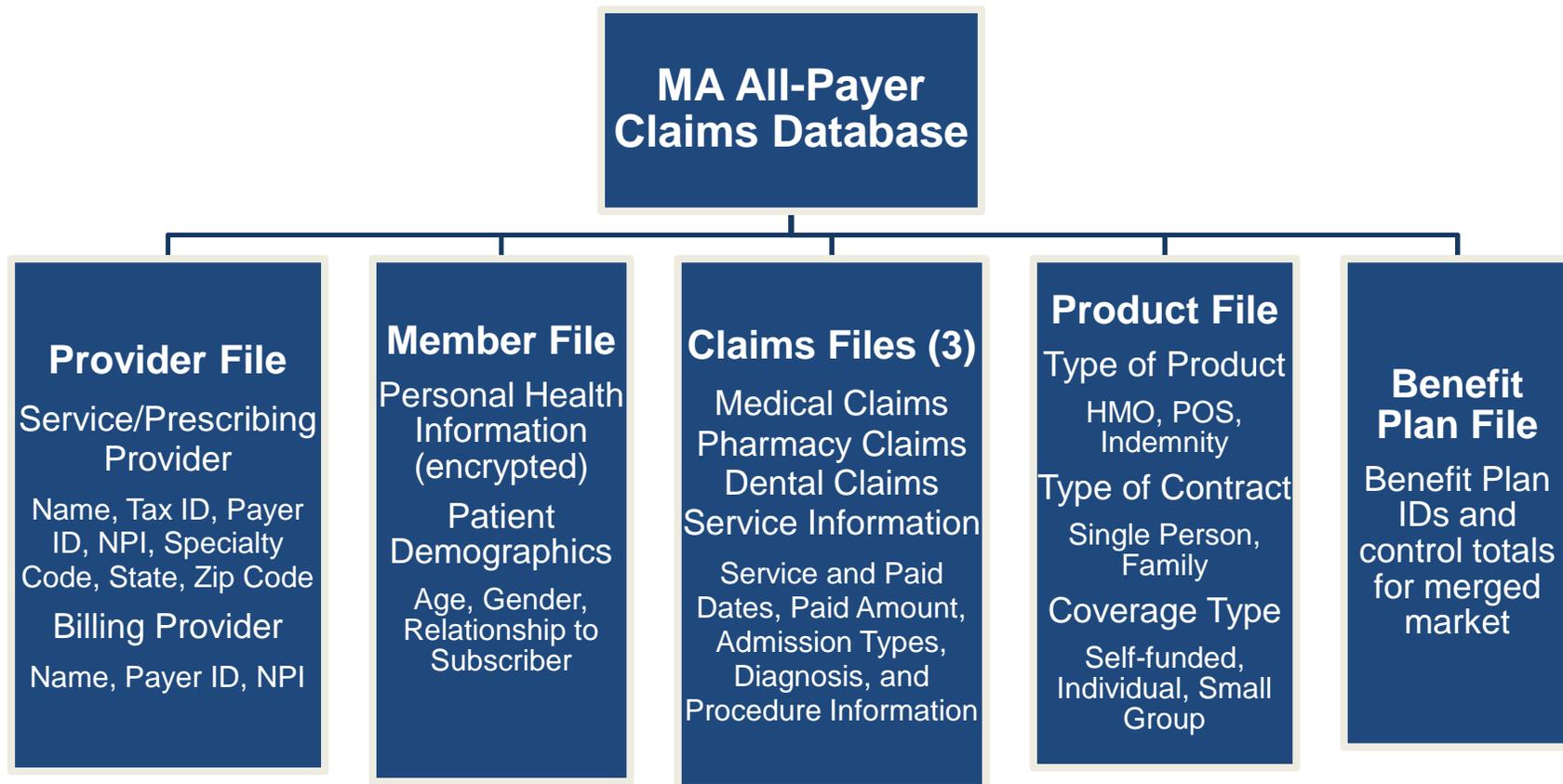


APCDs – A National Trend

APCD Council Map



The MA APCD is Comprehensive Files and Selected Elements





Claims Volume Concentration Ratios MA APCD Release 3.0 (CY 2009-13)

	Medical Claims	Pharmacy Claims	Dental Claims
Top 5 Payers	74.8%	61.6%	83.0%
Top 10 Payers	88.9%	85.0%	95.3%
Top 15 Payers	94.6%	94.4%	97.6%
Top 20 Payers	97.2%	97.2%	98.9%
Top 25 Payers	98.6%	98.6%	99.4%
Total Payers Submitting Data	70	55	53



MA APCD Data Currently Available

Release 3.0

- Claims with dates of service CY 2009-2013
 - CY 2014 Dates of Service (with 6 months run-out) scheduled to be available November 2015
- Public and private payers
- Generally covers all Massachusetts residents*, with the following excluded groups:
 - Uninsured/self pay
 - Workers' Compensation
 - TriCare/VA
 - Federal Employees Health Benefit Plan

*Also includes out-of-state dependents as well as out-of-state residents who are GIC members or are insured by plans regulated by the MA Division of Insurance



MA APCD Data Release

- Data release is subject to CHIA's data release regulation (957 CMR 5.00) as well as federal and state law.
- Requests to use MA APCD data are considered through a multi-layer review process that considers: risk to patient privacy, research and project objectives, and the public interest.
- Data is released through custom extracts based on detailed specifications developed by the applicant with the support of CHIA staff.
- Data elements are characterized into two levels that determine if they can be released and to whom they can be released:
 - Level 2—elements that pose a risk of re-identification
 - Level 3—elements with direct patient identifiers

Data Release Policies and Procedures Depend on Several Factors

1

Who is requesting the data?

Government Agencies
Payers, Providers,
or Researchers
Other Applicants

2

How will the data be used?

Research
Benchmarking
Care Coordination
or treatment
Other purposes in the
public interest

3

What data is needed?

Potentially Identifiable Data (Level 2)
Direct Patient Identifiers (Level 3)
Medicare Data
Medicaid Data

Consult the CHIA [website](#) and regulation 957 CMR 5.00 for how these factors apply to your specific circumstances.



Release of Public Payer Data in the MA APCD

- MassHealth
 - Applications of MassHealth data, including data from the Health Safety Net and the Medicaid Managed Care programs, must be approved by MassHealth.
 - Federal law restricts the use of protected health information of Medicaid recipients to uses that benefit the Medicaid program.
- Medicare
 - Medicare fee-for-service data may only be shared with state agencies.



Review Process to Ensure Transparency and Protection of Patient Privacy

- Non-Government applications are reviewed by CHIA's **Data Privacy Committee**
 - Staffed by CHIA data specialists and Legal (Privacy) team
- Certain non-government applications, including those from researchers, consultants, and others, are further reviewed by the **Data Release Committee**
 - Outside advisory panel of consumers and experts from carriers, providers, and the research community
 - Considers public interest
 - Applications posted on CHIA website for public comment
- The final decision for release is made by CHIA's Executive Director based on the non-binding recommendations of these committees



Examples of Approved MA APCD Projects

Non-Government Applicants

Organization	Study Topic
Mass General Hospital	<ul style="list-style-type: none">• Medication Adverse Effect Burden Scores to Stratify Risk for Hospital Readmission
UMass Medical School	<ul style="list-style-type: none">• Child Health Care Quality Measurement – Core Measure Set Testing
Boston University	<ul style="list-style-type: none">• Understanding Insurance, Provider Networks, and Outcomes
Yale & University of Pennsylvania Bureau of Economic Research	<ul style="list-style-type: none">• The Effects of Fragmentation in Health Care• Maternal and Paternal Health and Children’s Healthcare Access and Use
Mass Health Quality Partners	<ul style="list-style-type: none">• Practice Pattern Variation Analysis (PPVA) Program
Harvard School of Public Health	<ul style="list-style-type: none">• Will the Academic Innovations Collaborative Increase the Value of Primary Care and Improve Providers’ and Trainees’ Experiences?
Dartmouth Institute	<ul style="list-style-type: none">• A Population-Based Study Assessing Regional Variation in Newborn Care and Outcomes, Including the Risk of NICU Admission
University of Pennsylvania	<ul style="list-style-type: none">• The Effect of Limited and Tiered Provider Networks on Utilization, Quality, and Cost of Care



Thank you for your interest in the Massachusetts All-Payer Claims Database

For further information on the MA APCD and Case Mix Data, please refer to the email addresses below.

- General questions about the MA APCD:
(CHIA-APCD@state.ma.us)
- Questions related to MA APCD applications:
(apcd.data@state.ma.us)
- Questions related to Casemix:
(casemix.data@state.ma.us)



center
for health
information
and analysis