

# CASE MIX DATA COLLECTION PROJECT

May 18, 2017



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# Agenda

- 10:00 to 10:05**    **Welcome and Introductions**
- 10:05 to 10:10**    **Project Objective and Status**
- 10:10 to 10:15**    **Stakeholder Meeting Update**
- 10:15 to 10:20**    **Patient Privacy Concern**
- 10:20 to 11:10**    **Review Submission Guide**
- 11:10 to 11:25**    **Question and Answer Period**
- 11:25 to 11:30**    **Next Steps / Closing Remarks**
- 11:30**                **Meeting Adjourns**

# WELCOME AND INTRODUCTIONS



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# PROJECT OBJECTIVE AND STATUS



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## Project Objective:

Based on feedback received from other state agencies, CHIA plans to collect **inpatient** socio-demographic, clinical, charge data (“Case Mix”) from behavioral health facilities for internal and external research needs.

# **Project Objective (continued):**

**WHAT** are we collecting?

**Quarterly Inpatient Discharge Data**

**WHEN** are we collecting it?

**Starting with 1<sup>st</sup> Quarter FY\* 2018 Data**

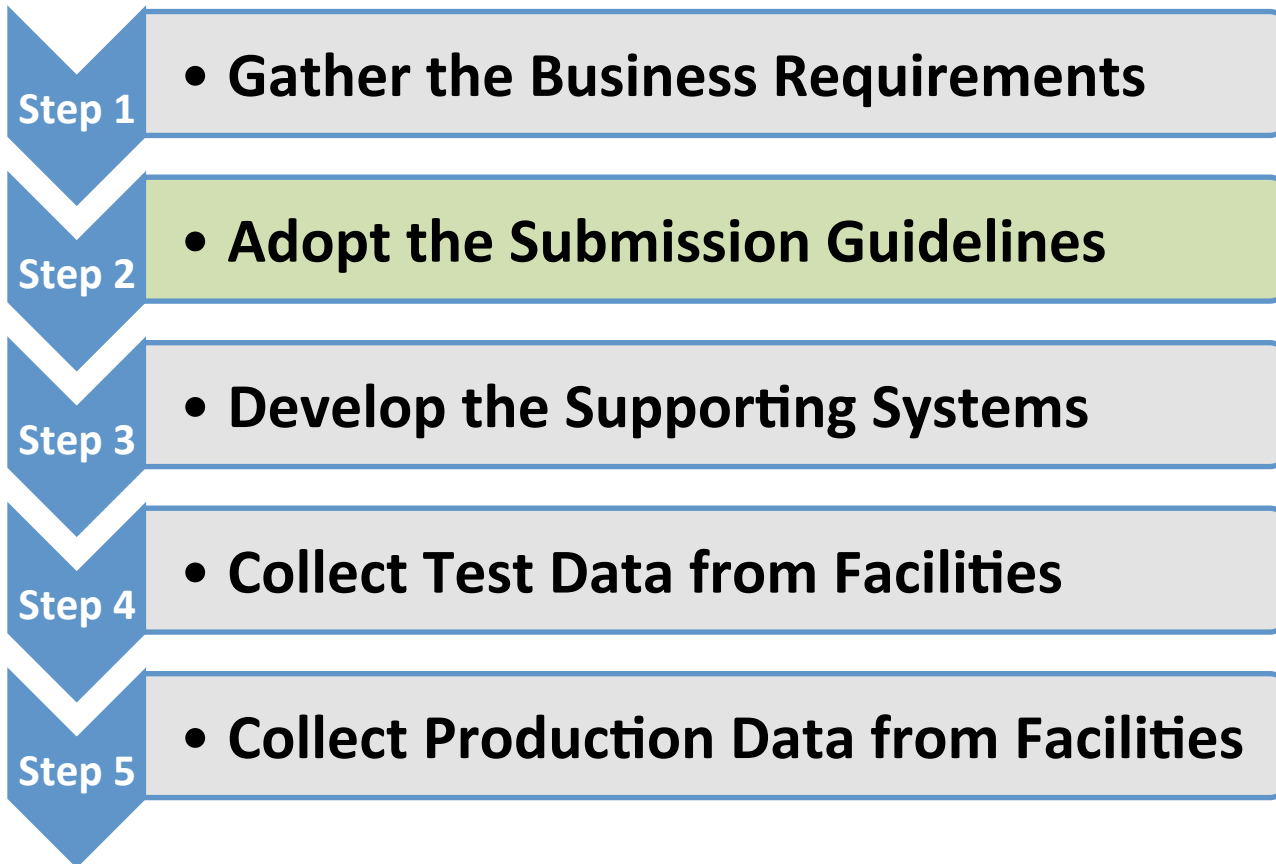
**(Oct. 1, 2017 to Dec. 31, 2017) due to CHIA in 2018**

**HOW** are we collecting it?

**Data will be submitted to CHIA based on the requirements within the adopted guidelines**

**\*FY: Fiscal Year**

## Project Status: High-Level Steps



We're currently working on the submission guidelines.

# Project Status: Timeline

Task	Timeline
Host Technical Advisory Group (TAG) Meetings	February 2017
Host Stakeholder Meeting	March 2017
Share Draft Submission Guidelines	May 2017 Today!
Provide Comment Period	May 18, 2017 to June 18, 2017
Finalize Guidelines / Adopt Administrative Bulletin	June 2017
Develop Supporting Systems*	Start work in June 2017

**\*The timeline for developing and testing the supporting systems will be finalized once the submission guidelines are finalized. CHIA expects to begin collecting test data in early 2018.**



# STAKEHOLDER MEETING UPDATE



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# **Stakeholder Meeting Update:**

- **Project Team Met with CHIA's Sister Agencies: EHS, HPC, DPH, DMH, MassHealth, SAO**
- **CHIA Shared Provider Feedback and Solicited Feedback from Stakeholders**
- **CHIA Proposed an Initial Collection Approach**

# Stakeholder Meeting Update (continued):

## Proposed Approach:

- Focus initial data collection efforts on the data elements which aligned with uniform billing standards
- Limit the collection of additional fields
- Phase in (as available) the elements which were burdensome for the providers to submit or not collected by the providers

**Good News!**

**The stakeholders agreed to this approach!**

## **Stakeholder Meeting Update (continued):**

- **CHIA asked the stakeholders for guidance on which additional elements are a priority for FY 2018 data collection and which elements should be phased-in (as available)**
- **The stakeholders prioritized Patient's Race, Patient's Ethnicity, Hispanic indicator, and Number of Administratively Necessary Days.**
- **Other fields mentioned with lesser priority were Court/Criminal Referral, Veteran Status, Patient's Sexual Orientation, Patient's Gender Identity.**

# PATIENT PRIVACY CONCERN



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# REVIEW SUBMISSION GUIDE



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# Let's Review the Following:

- **Data File Format**
- **Content of Each Record Type and Related Edits**
- **Data Quality Standards**
- **File Submission Schedule**
- **File Transmission Specifications**

## Data File Format:

**The data must be submitted in a fixed-length text file format using the following format specifications:**

- **Record:** 250-character row of text
- **Record Separator:** Carriage return and line feed must be placed at the end of each record

*Each row of data is assigned a record type.*

See Page 5 of Guide



# List of Data Record Types:

Record	Name	Occurrences (allowed)
01	Label Data	One per file
10	Provider Data	One per file
20	Patient Data	One per discharge
25	Patient Address and Ethnicity	One per discharge
30	Inpatient Accommodations	Multiple per discharge
40	Ancillary Services	Multiple per discharge
45	Principal Medical Information	One per discharge
50	Medical Diagnosis	Multiple per discharge
60	Medical Procedure (ICD Codes)	Multiple per discharge
65	Medical Procedure (HCPCS/CPT Codes)	One per discharge
80	Physician Data	One per discharge
90	Patient Control	One per discharge
95	Provider Batch Control	One per file
99	File Control	One per file

**Let's Look at the Record  
Layouts within the Guide!**

## Record Types '01' and '10':

<b>Record Type '01'</b>	<i>Record Type '1'</i> is the first record appearing on the file and occurs only once per submission. This label record identifies the submitter which may be an individual facility or a processor submitting data for a facility.
<b>Record Type '10'</b>	<i>Record Type '10'</i> identifies the facility whose data is provided on the file and occurs only once per submission. This is the first record of the provider's batch.

See Pages 10-13 of Guide

## Record Types '20', '25', '30', '40', '45':

<b>Record Type '20'</b>	Record Type '20' contains selected socio-demographic and clinical information pertaining to the discharged patient. This record is presented once for each patient discharge in the reporting period.
<b>Record Type '25'</b>	<i>Record Type '25'</i> contains patient address, health plan ID, and ethnicity information. This record is presented once for each patient discharge in the reporting period.
<b>Record Type '30'</b>	<i>Record Type '30'</i> summarizes the charges billed and the units of service (days) provided in routine and special care accommodations for each patient discharge. This record may be repeated more than once per discharge if it is necessary to report the use of more than five different routine and/or special care accommodations within this episode of care.
<b>Record Type '40'</b>	<i>Record Type '40'</i> summarizes the charges billed and the units of service provided for prescribed ancillary revenue centers. This record may be repeated more than once per discharge if it is necessary to report the use of more than five different ancillary services within this episode of care.
<b>Record Type '45'</b>	<i>Record Type '45'</i> contains principal medical information such as primary diagnosis, admitting diagnosis, principal external cause, principal procedure, and physician information. This record is presented once for each patient discharge in the reporting period.

See Pages 13-36 of Guide

## Record Types '50', '60', '65', '80', '90':

<b>Record Type '50'</b>	<i>Record Type '50'</i> reports associated diagnosis information pertaining to this patient's episode of care. This record may be repeated more than once per discharge if it is necessary to report the use of more than fourteen associated diagnoses within this episode of care.
<b>Record Type '60'</b>	<i>Record Type '60'</i> reports procedures and additional clinical information pertaining to this patient's episode of care. This record may be repeated more than once per discharge if it is necessary to report the use of more than thirteen significant ICD procedures within this episode of care. <b>Record Type '60' is for ICD procedure codes only.</b>
<b>Record Type '65'</b>	<i>Record Type '65'</i> reports procedures and additional clinical information pertaining to this patient's episode of care. This record may be repeated more than once per discharge if it is necessary to report the use of more than four significant HCPCS/CPT procedures within this episode of care. <b>Record Type '65' is for HCPCS/CPT procedure codes only.</b>
<b>Record Type '80'</b>	<i>Record Type '80'</i> reports physician information for the patient. This record is provided once for each patient discharge.
<b>Record Type '90'</b>	<i>Record Type '90'</i> is a control record which balances the counts of each of the several discharge specific records and charges. This record is provided once per patient discharge.

See Pages 37-78 of Guide

## Record Types '95' and '99':

<b>Record Type '95'</b>	<i>Record Type '95'</i> is a control record which balances selected data from all patient discharges for the facility batch and is the last record of the provider batch. This occurs only once per submission.
<b>Record Type '99'</b>	<i>Record Type '99'</i> is a control record. This is the last record of the submission and occurs only once per submission.

See Pages 79-81 of Guide

## Data Quality Standards:

**A discharge will be rejected** under the following conditions:

- Presence of one or more error flags for Category A elements or
- Presence of two or more errors for Category B elements.

**An entire file will be rejected** and returned to submitter if:

- Any required record types are missing or out of order.
- If 1% or more of discharges are rejected.
- If 50 consecutive records are rejected.
- If there are file format issues.
- Any Category A elements of Provider Record (Record Type 10) or Provider Batch Control Record (Record Type = 95) are in error.
- Any Category A errors on Label Record (Record Type = 01).
- Any Category A errors on file Control Record (Record Type = 99).

## File Submission Schedule:

Quarter	Quarter Begin & End Dates	Due Date for Data File: 75 Days Following the End of the Reporting Period
1	10/1 – 12/31	3/16
2	1/1 – 3/31	6/14
3	4/1 – 6/30	9/13
4	7/1 – 9/30	12/14

See Pages 107-108 of  
Guide





## **File Transmission Specifications\*:**

**Each facility will download and install CHIA's encryption application from CHIA's submission website.**

**The application will compress, encrypt, and rename the file prior to submission to CHIA.**

**Encrypted files will be transferred to CHIA via SFTP client like FileZilla.**

See Pages 5-6 of Guide

\*CHIA will provide support to submitters to ensure successful file transmission.

# QUESTIONS?



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# NEXT STEPS / CLOSING REMARKS



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## CHIA Contact Information:

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# THANK YOU!



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