Exhibit D: PHD Matching & Data Flow

D2: APCD (including MassHealth) and Case Mix

Updated 08/20/2020

CHIA Processing Environment	PHD Processing Environment (Only SAP has access)	MassHealth Data Environment	PHD Analytic Environment (SAP & PHD approved analysts have access)

CHIA Processing Environment

All Payer Claims Database

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CHIA Creates Analytic File for PHD, assigns CHIA Surrogate ID and subsets out MassHealth SUD claims

↓ (branches to two)

- Partial APCD Analytic File = analytic variables + CHIA Surrogate ID [no MassHealth SUD claims]
  - ↓
  - Sends Partial **APCD Analytic File to** DPH

- MassHealth SUD Claims Analytic File = SUD claim analytic variables + CHIA Surrogate ID
  - ↓
  - Sends **MassHealth SUD Claims Analytic File to MassHealth**

Case Mix

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CHIA Creates Analytic File for PHD and assigns CHIA Surrogate ID

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Sends Case Mix Analytic File to DPH

PHD Processing Environment (Only SAP has access)

- Partial APCD Analytic File = analytic variables + CHIA Surrogate ID [no MassHealth SUD claims]
- MassHealth SUD Claims Analytic File = SUD claim analytic variables + CHIA Surrogate ID

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Merges Partial APCD File and MassHealth SUD Claims Analytic File

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Complete APCD Analytic File = All Claims + CHIA Surrogate ID

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Sends Complete APCD Analytic File to PHD Environment

MassHealth Data Environment

Sends **MassHealth SUD Claims Analytic File to DPH**

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MassHealth SUD Claims Analytic File = SUD claim analytic variables + CHIA Surrogate ID

PHD Analytic Environment (SAP & PHD approved analysts have access)

Permanent

Final File Structure (Illustrative Example)

Each corresponding **PHD Analytic File** is stored in separate folders:

- CHIA Surrogate ID 1234 + PMP analytic data
- CHIA Surrogate ID 1234 + Vitals analytic data
- CHIA Surrogate ID 1234 + DTA analytic data
- CHIA Surrogate ID 1234 + Cancer analytic data