

# **Improving T-MSIS Data Quality**

Mitzi Hochheiser

LA Medicaid Deputy Director & Chief Technology Officer



## Louisiana

### **State Profile**

- 1.95 Million individuals on Medicaid: 689k children, 2/3rds of the state's births
- Managed care and fee-for service populations
- Expansion state
- Has 2 dental organizations and 5 managed care organizations and recently awarded new MCO contracts
- Fiscal agent Gainwell Technologies manages the T-MSIS data file production and data warehouse
- Claims and encounters are processed on the state's mainframe that went live in 1983
- Medicaid and Medicaid eligibility are in the Louisiana Department of Health, SNAP/TANF is located in the Department of Children and Family Services
- Updated eligibility system in 2018



## Where We Were

### **MESC 2018**

- LA previously listed as a RED state on the CMS state map
- Quality issues with all 12 of the initial TPIs
- Files produced listed no focused attention to improving quality
- Minimal visibility within the agency on all levels
- Reactive, file specific, fixes to CMS monthly quality emails
- Poor staffing rates within MMIS Operation team with small priority to T-MSIS data quality



## **Gaining Leadership Visibility**

Leadership visibility has been a crucial part to improving our data quality. With our leadership team being aware of these T-MSIS requirements, we are able to hold the T-MSIS team accountable for their work.

Distributed the T-MSIS scorecard to leadership teams Emphasized the importance of data quality on future federal funding to Senior Staff

Added T-MSIS
Data Quality to
our Agency Big
Bets

Added T-MSIS representation to every Medicaid project team

Scheduled routine updates in Executive Management & Senior Staff meetings Wrote a TMSIS brief for
the Secretary
and other
LDH
leadership



## Steps To Improvement

#### **Data Quality**

- T-MSIS data warehouse created to store files for reporting & analytics purposes
- Improved data collection methodologies with vendors and partners
- Initiating data from the source systems instead of translating through the fiscal agent mainframe
- Shifted focus to fixing the root cause of the quality issue, instead of the file specific errors, including enhancements to source systems
- Initiated a project to match T-MSIS data to all internal and external reports and reconcile differences, shifting report data sources to T-MSIS where possible

#### **Increased Focus on Staffing**

- Moved T-MSIS responsibilities to a manager in the Data Analytics team
- Added 2 full-time staff to the T-MSIS team
- Set weekly checkpoint meetings to measure quality improvement
- Engaged agency policy leaders and subject matter experts to improve data design & quality

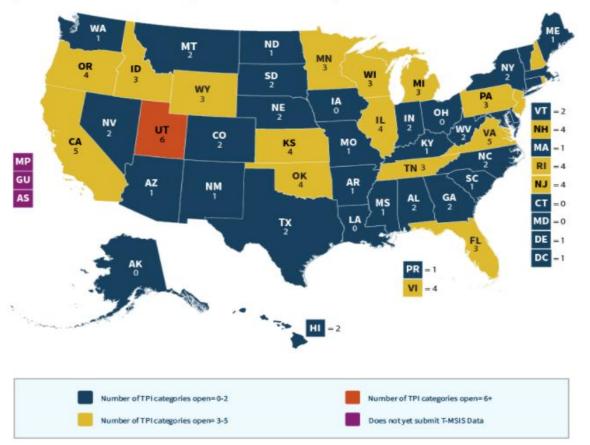
#### **T-MSIS Alertness**

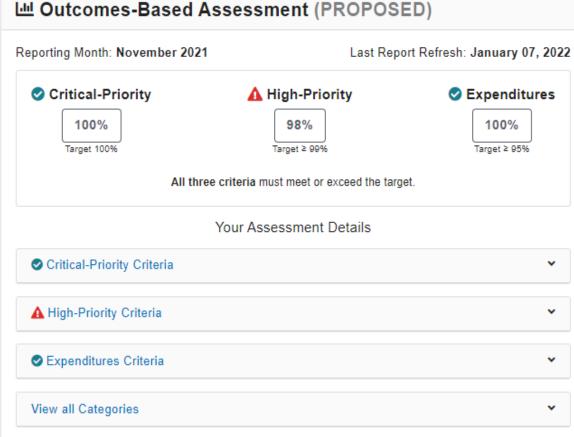
- Heightened consideration in project requirements regarding T-MSIS and the data to follow
- Added T-MSIS team member to all projects within Medicaid
- Added T-MSIS epics to Eligibility system backlog to improve data quality to T-MSIS files
- Made T-MSIS requirements mandated for vendors and programs
- Educated our APD and procurement teams to include T-MSIS



### Where We Are

#### T-MSIS Priority Items (TPIs) 1 - 23 Status (2021 T-MSIS DQ Assessment)







## Focus Areas in 2022

- Race and ethnicity data project, improve current 50% of enrollees with race values and .08% with ethnicity values.
- Data analytics for the Secretary's Business Plan; examples of the 23 initiatives:
  - ✓ Develop a comprehensive dental program for adults over age 21 enrolled in an I/DD waiver.
  - ✓ Early Detection of Colorectal Cancer and Treatment of High Blood Pressure and Diabetes
  - ✓ Improve systems that support breast milk as first food to increase breastfeeding initiation among Medicaid beneficiaries in Louisiana
  - ✓ Strengthen Louisiana's Early and Periodic Screening, Diagnostic and Treatment (EPSDT) system by increasing the provision of necessary but underutilized preventive services in the following four areas of child health: developmental screening, immunizations, oral health, and ACEs.
- Decision Support System Module procurement to replace the antiquated, on premises Medicaid data warehouse managed by the fiscal agent
  - ✓ Machine learning
  - ✓ Cloud analytics
- Claims, Encounter and Financial Management Processing Module procurement to replace the state's 1983 mainframe managed by the fiscal agent



# **Continuing Challenges**



