

Opioid Use in Tribal Communities



*Examining Data to Inform Services
Inter-Tribal Council of Michigan*



EVA PETOSKEY, ANISHNAABEK HEALING CIRCLE,
INTER-TRIBAL COUNCIL OF MICHIGAN

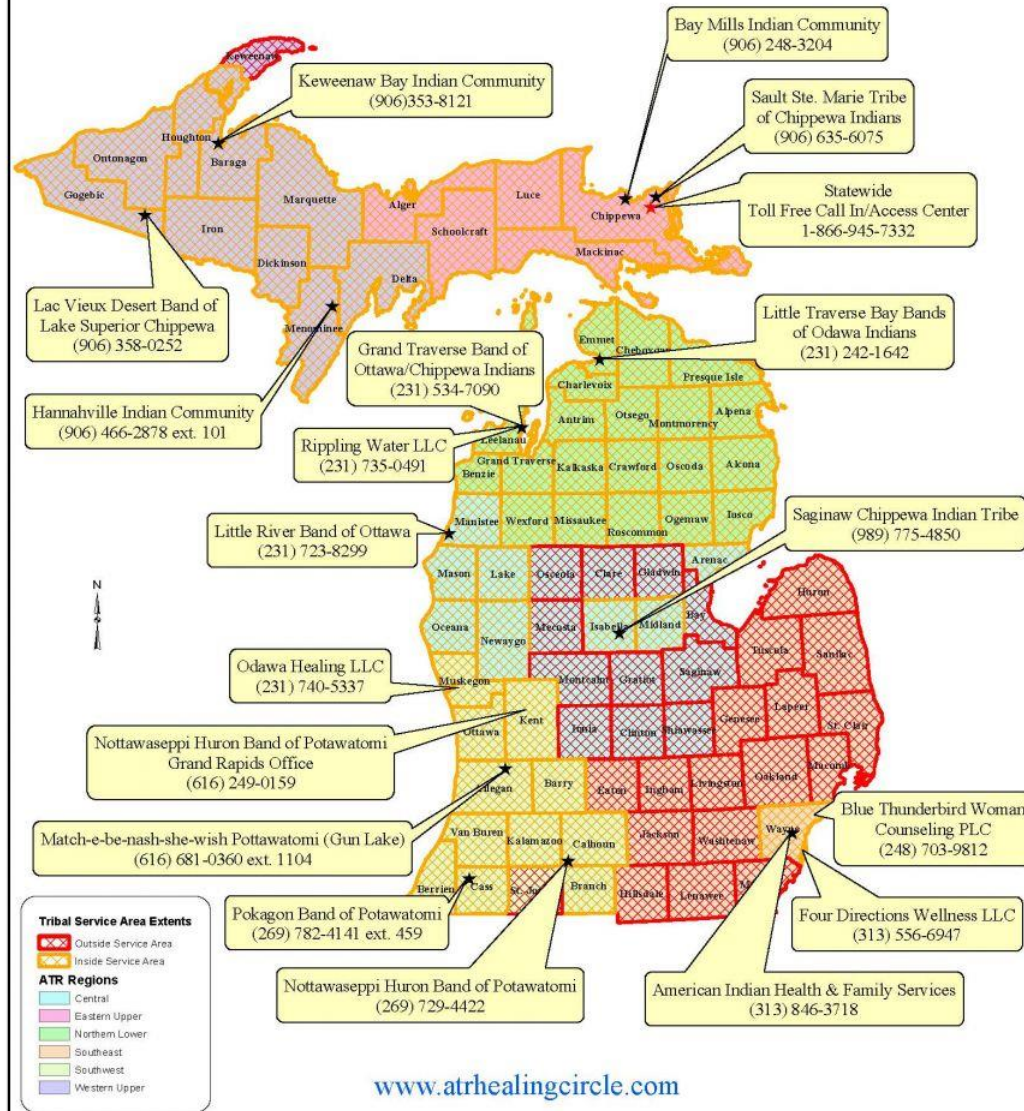
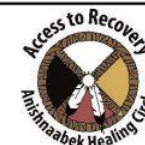
MONAL R. SHROFF, MICHIGAN PUBLIC HEALTH
INSTITUTE

Collaboration

- *The Inter-Tribal Council of Michigan, Inc., (ITC)* is a consortium of the 12 federally recognized Indian tribes in Michigan.
- ITC and the participating tribes have a solid 50-year history of collaboration on health and human services initiatives.
 - Access To Recovery project (ATR)
 - State Targeted Response project (STR)



Michigan Federally Recognized Tribes Service Areas & First Contact for Access to Recovery Anishnaabek Healing Circle



Participatory Partnership

- Successful 20-year history of working together on GPRA and evaluation data collection and use.
- MOUs are in place between ITC and the tribes and ITC and Michigan Public Health Institute (MPHI).
- Data is collected at the local community level, cleaned and entered at ITC and analyzed in partnership with MPHI.
- Only collective data is disseminated by ITC. Individual tribal data is disseminated by the tribe.

Data management and dissemination

Data consultation and partnership

- Foundation based on a partnership
- Data analysis driven by program need and answering relevant questions
- Identify indicators or measures to answer the questions
- Setting up a data analysis matrix to facilitate conversations
 - Helped define the measures
 - Helped define improvement for a measure
 - Helped define the population under examination
 - Helped identify key demographic measures as well

Setting up a Data analysis matrix

Objective (outcome measure):

- Example: To calculate the rate of change in experience of NO substance-use related health, behavioral, or social consequence

Measure or Indicator:

- Example: % clients who reported to not have negative health/behavior/social consequences of substance abuse in the past 30 days

Improvement definition/Operational definition:

- Example: Increase in no health/behavior/social consequences of substance abuse

Target population:

- Example: Clients at intake who had a follow-up

Raw variables/variables available through data collection:

Example: During the past 30 days, how stressful/reduction in activities/emotional problems have things been for you because of your use of alcohol or other drugs?

Derived or manipulated variables:

- Example: 1 derived variable (binary variable with 0 and 1 response)

Example of data analysis matrix

Sr. no.		Indicator	Improvement definition	Output measure	Target population: Overall notes and questions - • ATR 4 cohort intakes and follow up	Raw variables to be used			
	Gender	• Male/Female/Other (transgender)			• ATR 4 cohort intake clients	• Gender			
	Age	• Categories used in the variable			• ATR 4 cohort intake clients	• AgeGroup			
	Race	• Generate one variable with multiracial categories			• ATR 4 cohort intake clients	Derive variable of Race			
	Ethnicity	• Ethnicity			• ATR 4 cohort intake clients	• HispanicLatino			
							Results: Non-matched sample		
							Baseline value (%)	Follow up value (%)	Rate of change (%)
4	Experience of no substance-use related health, behavioral, or social consequences	% clients who reported to not have negative health/behavior/social consequences of substance abuse in the past 30 days	• Increase in no health/behavior/social consequences of substance abuse	Rate of change based on intake to 6 month follow-up status	• ATR 4 cohort intake clients with follow up data	ImpactStress ImpactActivity ImpactEmotional	62.2	71.6	15.11
							N=475 D=764	N=326 D=455	

Dissemination

- Data analysis matrix helped in making a decision
- Measures/indicators selected based on the reporting requirement as well as performance/results
- Infographic factsheet
 - What is an infographic?
 - How is it useful?
 - What does it communicate?
 - Example!



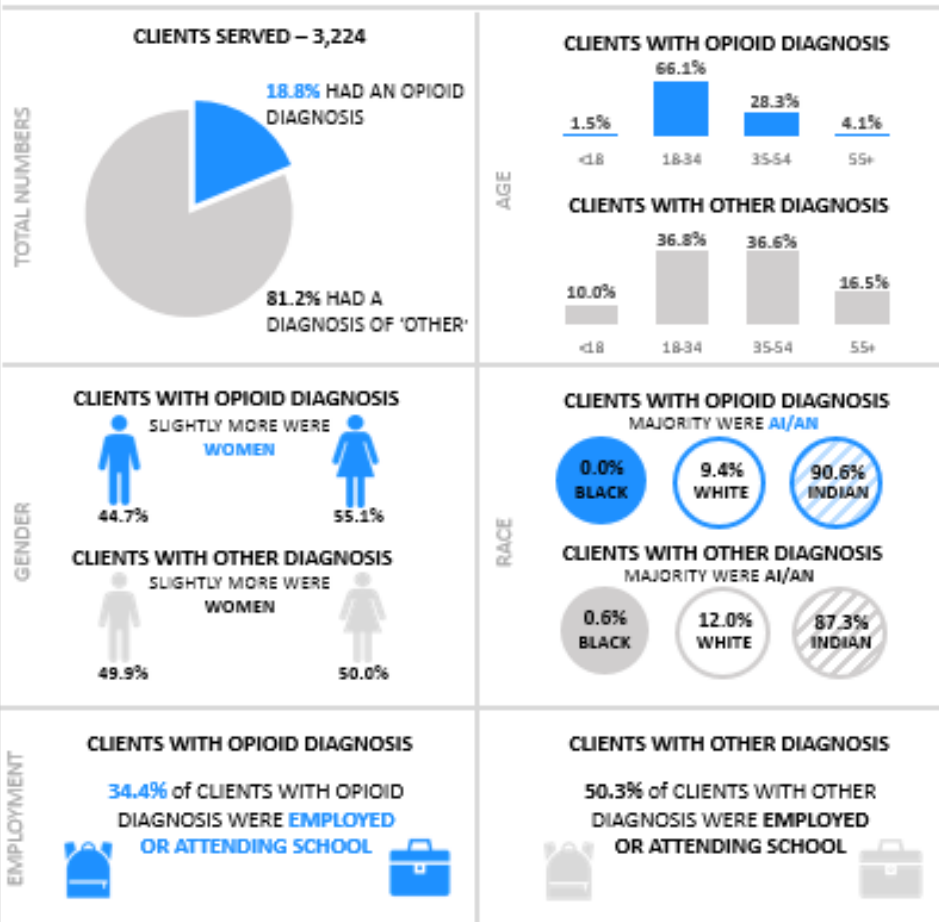
American Indian Clients with an Opioid Use Disorder: Descriptive Information

INTER-TRIBAL COUNCIL OF MICHIGAN, INC.

Purpose: To describe differences between clients with an opioid use disorder and clients with other diagnoses at intake.

Source: The combined Inter-Tribal Council of Michigan Access to Recovery and Tribal Opioid Treatment and Recovery Project client intake data for 12-1-15 thru 12-31-17.

Target Population: American Indian/Alaskan Natives age 12 and older with a substance use disorder, who are enrolled tribal members, descendants or non-native family members residing in a tribal service area in Michigan.



Data Informs Practice

CLIENTS WITH AN OUD

- Are more likely to be women
- Use opioids in a household with children
- Have high rates of trauma, anxiety and depression
- Are younger than people with other diagnosis

STRATEGIC RESPONSE

- Developed a comprehensive maternal/infant OUD coordination services at 2 tribal sites.
- Integration of Trauma Informed Care
- MAT is never a stand alone service
- Targeting outreach to young adults

Contact Information

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