



EPI CENTER UPDATES

AUGUST 16TH, 2022



OUTLINE

1. Epi Activities:

- ✓ Reports and weekly/bi-weekly covid-19 updates
- ✓ Summary of Data request and TA
- ✓ Educational materials
- ✓ Training/ webinar/ site visits

2. GAO- updates

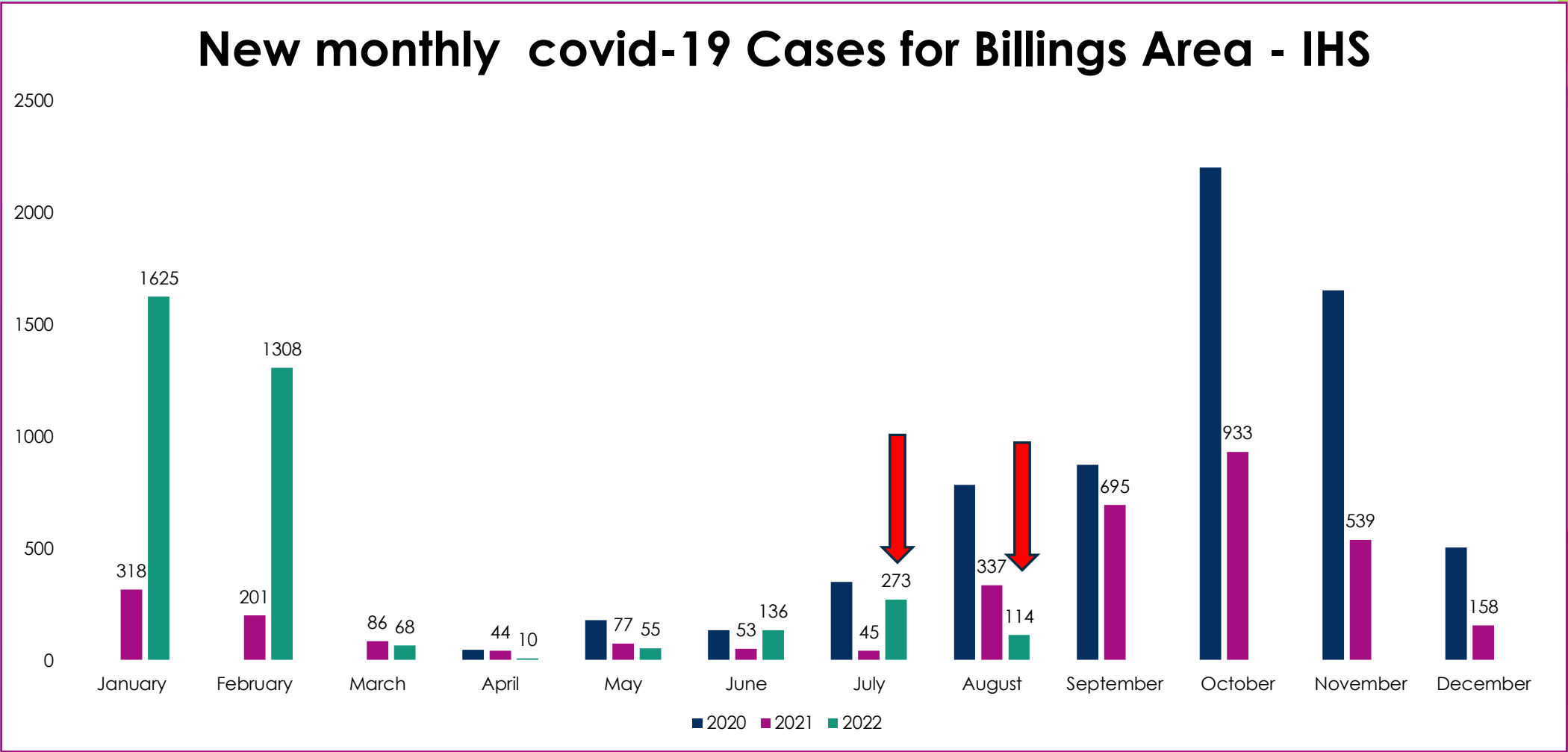
3. Data Management Team

COVID-19 DATA-AGGREGATE REPORT

Source: IHS

Publicly Available

data

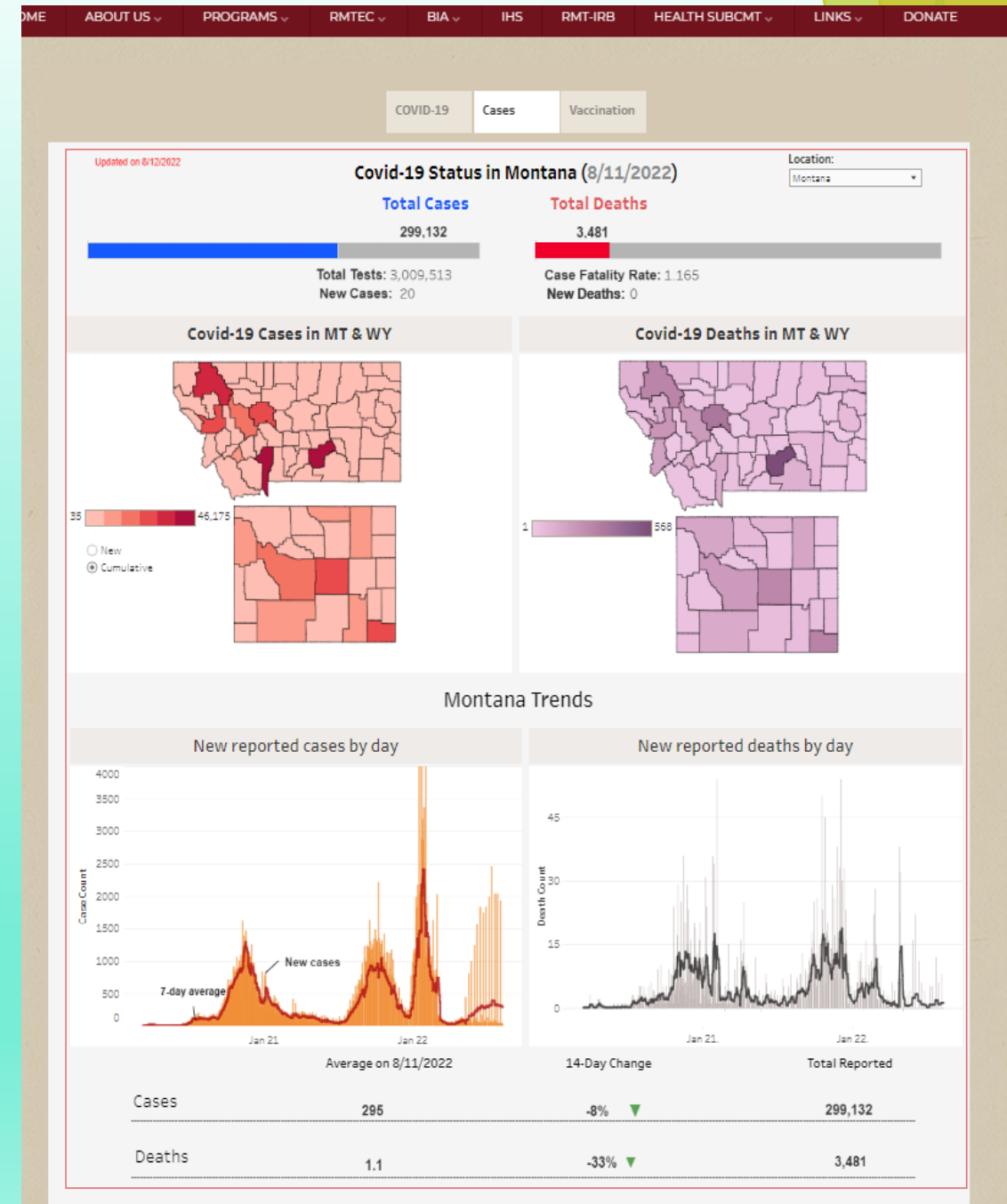


Dashboard

- COVID-19 cases and vaccine distribution for Billings Area

<https://www.rmtlc.org/tribal-epidemiology-centers/tec-dashboards/>

- Bi-weekly update – Tribe specific (data source: CDC case investigation)



Annual Report – Tribe specific

- ❑ Chronic Disease report
- ❑ Infectious Disease report
- ❑ Leading Causes of Injury
- ❑ Behavioral health report
- ❑ Oral Health report
- ❑ Elder Health report
- ❑ User population
- ❑ Maternal and Child Health report
- ❑ Community Health Profile

Data source

Indian Health
Service (EDM)

Data source

Vital stat,
PRAMS
Census

Data sources

Census, PNA, YRBSS,
vital stat, Cancer
registry, disability
data

Special report

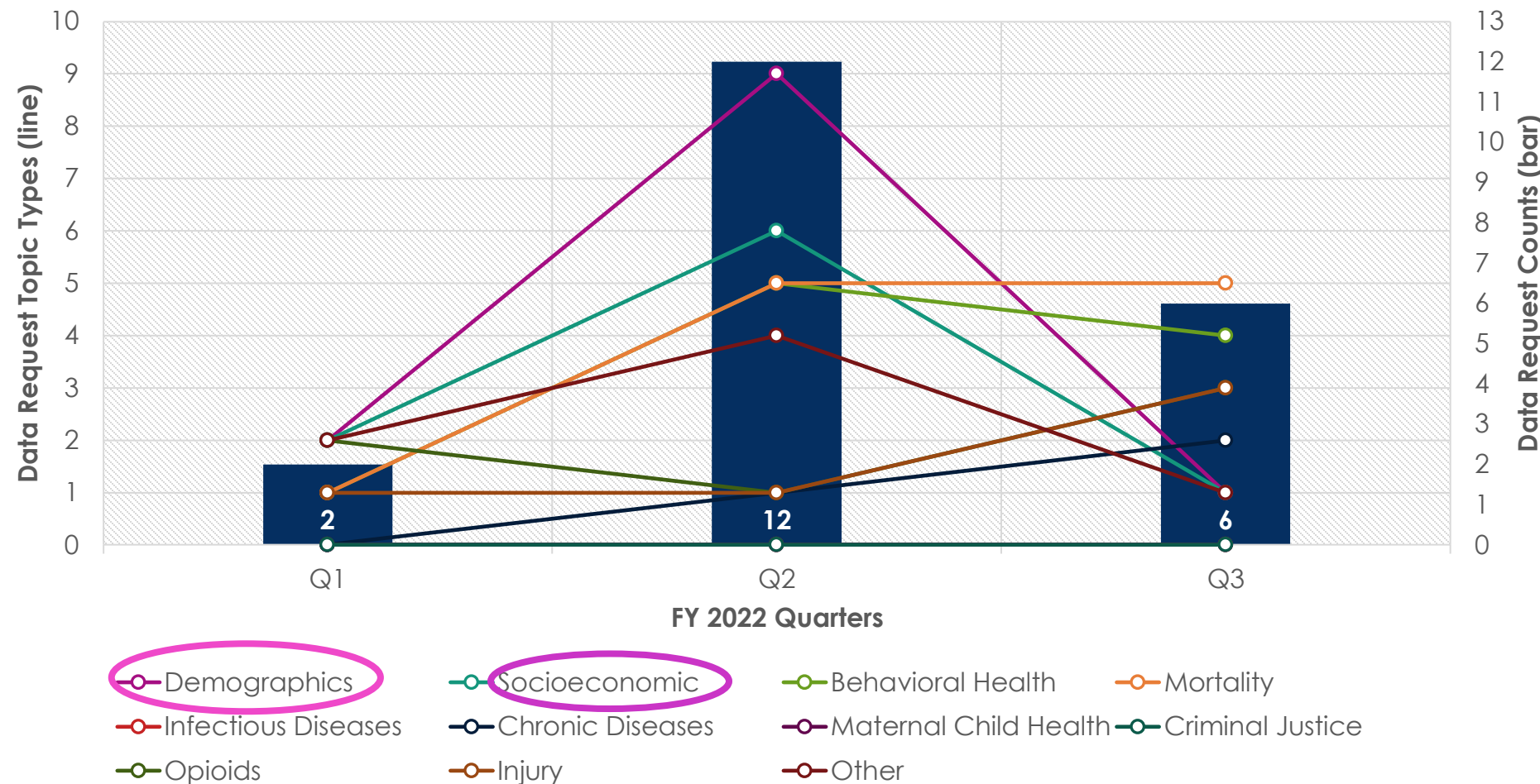
Table 1. Frequency of opioid prescriptions¹ among American Indians self-reporting, by age, Fiscal Year 2021, Indian Health Service National Data Warehouse.

	Age Category (years)					Total
	0-17	18-29	30-44	45-59	60+	
Opioid Prescriptions						
Buprenorphine						
Codeine						
Fentanyl						
Hydrocodone						
Hydromorphone						
Methadone						
Meperidine						
Morphine						
Nalbuphine						
Oxycodone						
Tramadol						
Pentazocine						
Total						

¹Estimates may include those who have repeat prescriptions.

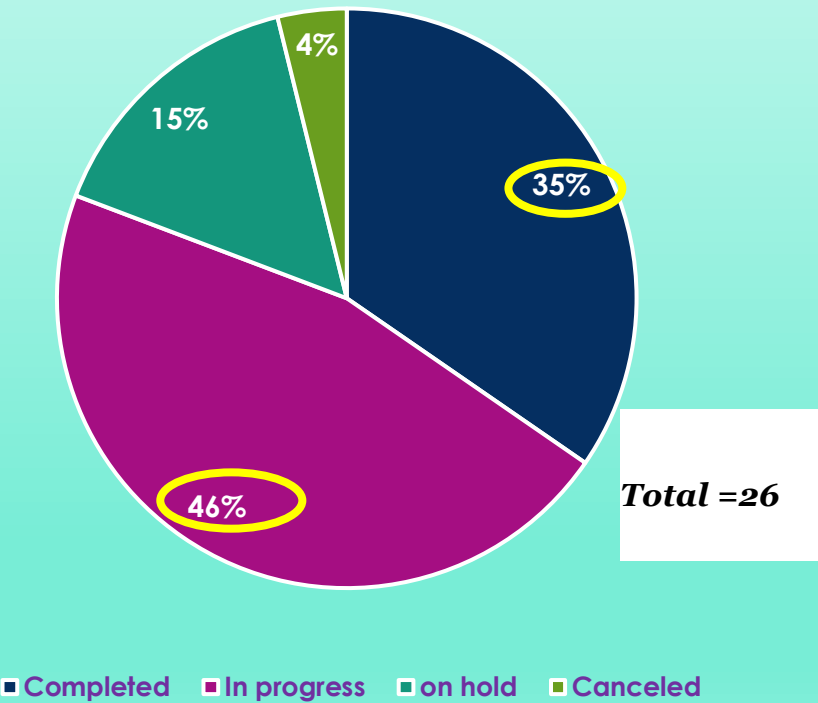
Data request completed FY22

RMTEC Data Request Topic Types (Q1-Q3), total=20

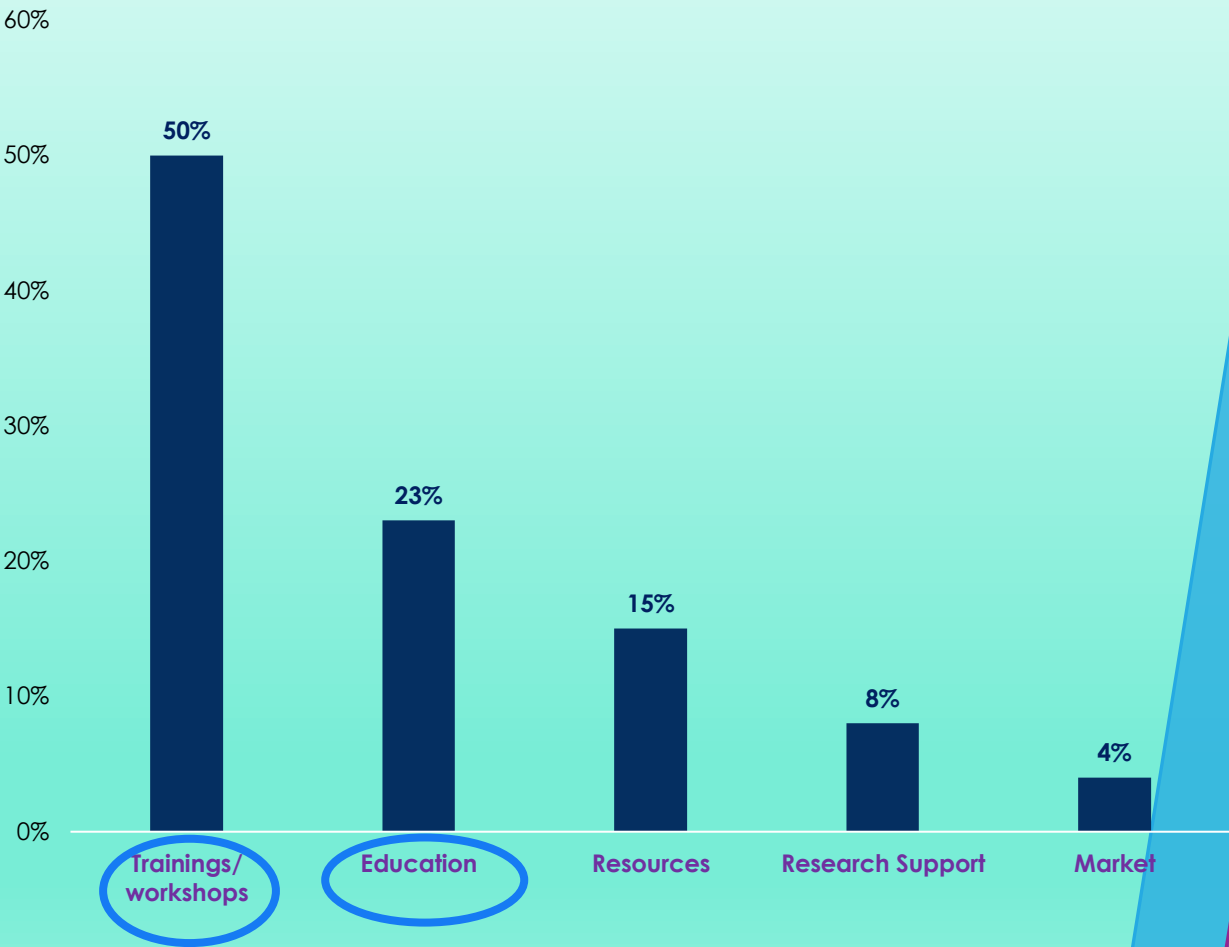


Technical Assistance Requests FY22

Technical Assistance Requests (Oct. 2021-June 2022)



Types of Technical Assistance Requests



EDUCATIONAL MATERIALS

Approved
& Dose
children
least 6 m
ye

Primary Series:
3 doses of Pfizer-
• 2nd dose is give
dose
• 3rd dose is give
2nd dose

Fully Vaccinated
weeks after final do
since a booster is n
this age group at th

Moderna
Primary Series:
• 2 doses of Mod
apart

Fully Vaccinated
weeks after final do
since a booster is n
recommended for
have re
Epidemiology Center

FACTS ABOUT MONKEYPOX

WHAT IS MONKEYPOX?

Monkeypox is a rare disease caused by the monkeypox virus. Monkeypox virus is part of the same family of viruses that causes smallpox. Monkeypox symptoms are similar to smallpox symptoms, but milder, and monkeypox is rarely fatal. Monkeypox is not related to chickenpox.

HOW DOES MONKEYPOX SPREAD?

Monkeypox spreads in different ways. The virus can spread from person-to-person through:

- Direct contact with the infectious rash, scabs, or body fluids
- Respiratory secretions during prolonged, face-to-face contact, or during intimate physical contact, such as kissing, cuddling, or sex
- Touching items (such as clothing or linens) that previously touched the infectious rash or body fluids
- Pregnant people can spread the virus to their fetus through the placenta

Monkeypox can spread from the time symptoms start until the rash has fully healed and a fresh layer of skin has formed. The illness typically lasts 2-4 weeks. At this time, it is not known if monkeypox can spread through semen or vaginal fluids.

WHAT ARE THE SYMPTOMS?

Symptoms usually appear 6-13 days after exposure, with a range of 5-21 days, and may include:

- Fever
- Headache
- Muscle aches and backache
- Swollen lymph nodes
- Chills
- Exhaustion/Fatigue
- A rash that can look like pimples or blisters that appears on the face, inside the mouth, and on other parts of the body, like the hands, feet, chest, genitals, or anus.

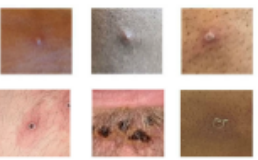


Photo credit: UK Health Security Agency

The rash goes through different stages before healing completely. The illness typically lasts 2-4 weeks. Sometimes, people get a rash first, followed by other symptoms. Others only experience a rash.

HOW CAN MONKEYPOX BE PREVENTED?



- Avoid close, skin-to-skin contact with another person's rash or scabs. Avoid kissing, hugging, cuddling or having sex with someone who is infected. Do not share eating utensils and cups. Do not share bedding, towels, or personal grooming devices.
- Wash your hands with soap and water or use an alcohol-based hand sanitizer after contact with infected individuals.
- Wear a mask if you think you have monkeypox and need to have close face-to-face contact with other people or need to have close contact with someone who may be infected.

For more information visit:
<https://www.cdc.gov/poxvirus/monkeypox>

Created by: Deborah Jones, MPH
Tribal Public Health Educator

Influenza (Flu) Vaccines for people 65 years & Older

People 65 years and older are at higher risk of developing serious flu complications compared to young, healthy adults.



HIGH ALERT! Syphilis



Syphilis affect the pregnancy?

an cause:
• (the baby during pregnancy)
• (born dead)
• (born early)
• (if baby
• (risky after birth)

reated syphilis may be stillborn, or
tion as a new born.

in a baby born with CS:

- Nerve problems causing blindness & deafness
- Meningitis
- Skin rash

etting Syphilis gnancy:

use
h one partner
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nant women get tested for Syphilis?


ant women should get tested at their
list.
hat you can have Syphilis without
ms.
le with Syphilis do not have any

ent for Syphilis?

. If you are pregnant and test positive
reatment right away!

Where can I get tested for Syphilis in my community?

uestions regarding Syphilis or any STI
lease contact the Crow Service Unit at:
8-3478




ate Cancer?

er that occurs in the
small walnut-shaped
ices the seminal fluid
ansports sperm.

Cancer?

an men, about 13 will get
will die from prostate



Cancer Treated?

tments include:
• Management
• Surveillance
• Full Waiting

Therapy
is growing your doctor may
right away.

Prostate Cancer?

urning during urination.
the urine or semen
e back, hips, or penis
n't go away.
aculation.
me men do not experience any

rostate Cancer ?

risks, benefits of Prostate
y questions they may have.
as follows:

with at least one close
e an early age (younger than
re than one close relative

rostate are:


results of your PSA test, your doctor

rostate Cancer?

ening
our

EDUCATIONAL MATERIALS CONT....

2929 3rd Ave N, Ste 300, Billings, MT 59101 - (406) 252-2550



Rocky Mountain
Tribal Leaders Council

UPCOMING EVENTS

CONTACT US

HOME

ABOUT US

PROGRAMS

RMTEC

BIA

IHS

RMT-IRB

HEALTH SUBCMT

LINKS

DONATE

Tribal Epidemiology Centers (RMTEC)

TEC Projects

TEC Reports

Data and Technical Assistance


Health Education Resources


TEC Dashboards


COVID-19 Material



Prevention

Nutrition

 What is a Tribal Epidemiology Center?



Watch on  YouTube



TRIBAL EPIDEMIOLOGY CENTERS

<https://www.rmtlc.org/tribal-epidemiology-centers/>



TRAINING/ WEBINAR


□ July 2022

❖ Community Health Assessment

<https://www.facebook.com/rmtlc/>



Proposed Tentative 10-month Topic Schedule



Rocky Mountain Tribal Leaders Council
@rmtlc · Community Organization

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To create an environment conducive to change within our communities by cultivating positive collaborative efforts with a sense of purpose by building ... See more

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<http://rmtlc.org/>

(406) 252-2550







media@rmtlc.org

Community Organization

@RMTLC


rockymountaintlc


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Contact Tracing Process: CONTACT TRACING WORKFLOW (COVID-19)






Rocky Mountain Tribal Leaders Council
23 hrs ·

Speaker Spotlight!


For this month's Community Health Webinar Series, RMTLC through RMTEC is thrilled to have Speaker: Nathania Tsosie, MCRP -Tribal Member, Navajo Nation (Tótsohnii / Naakaii Dine'é), presenting on "Community Health Needs Assessment." ... See more



SPEAKER SPOTLIGHT
COMMUNITY HEALTH WEBINAR SERIES

Nathania Tsosie, MCRP
Tribal Member, Navajo Nation (Tótsohnii / Naakaii Dine'é) Associate Director, Center for Native American Health Lecturer II, Department of Family & Community Medicine, University of New Mexico

Registration link: link <https://bit.ly/3N1zzKX> or through QR code


SCAN ME

Topic:
Community Health Assessment
Thursday, July 21, 2022
11:00AM MST

Rocky Mountain Tribal Leaders

2900 3rd Ave N, Suite 300 | Billings, MT 59102
406-252-2550 | www.rmtlc.org

Breakdown of

resentation;
g-
resentation; 0.5

online training due
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(blended)
on. Part 1 history
our rights. Bigger

resentation; 0.5

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TRAINING – CD/ RC

❑ Behavioral and Mental health

(Anger management, Domestic violence and substance use support groups, how to avoid victim blaming when assault occurs and Leadership)



SAVE THE DATE

➤ Tuesday, August 30

➤ Wednesday, September 21

Habits

Join us for a **two-part discussion on the power of our habits** as it relates to how we lead our team at work and develop effective support groups for our clients.

Part #1 Idea of Habits

Virtual Training

(<https://us02web.zoom.us/j/6178191435>)

Tuesday, August 30
10:00am

This first virtual session will introduce the idea of habits and how they manifest in our everyday living.

Part #2 Habits and Domestic violence/Substance Abuse

In-Person Training

(RMTLC basement conference room)


Wednesday, September 21
1:00 - 5:00pm

The second in-person session will dive deeper into the concept of habits as it relates to Domestic Violence, Substance Use, and how we can better support our clients.



2929 3rd Ave N, Ste 300
Billings, MT 59101
www.rmtlc.org

TRAINING/ WEBINAR CONT...




Rocky Mountain Tribal Leaders Council
22 subscribers

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Tribal Health & Social Media: Posts with Impact
4 views • 2 months ago




CHWS: Health & Social Media
9 views • 2 months ago




20220331 CHWS ContactTracing
6 views • 3 months ago




What is Burnout?
45 views • 4 months ago




Webinar Combating Vaccine Hesitancy - Nov 17, 2021
26 views • 7 months ago




DMS - Digital Addressing
21 views • 1 year ago




Data Mgmt Series: Digital Signage
10 views • 1 year ago



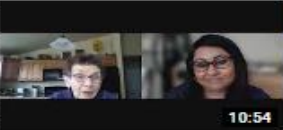
20210429 Data Mgmt Series: Data Collection
47 views • 1 year ago




Data Management Series: Data Visualization and Epi...
87 views • 1 year ago




RMTLC-Data Management Series - RShiny App
49 views • 1 year ago




My COVID-19 Vaccine: An Elder's Perspective
36 views • 1 year ago




NEPQR Grant RMTLC RMTEC MSU
100 views • 1 year ago




Lighting of the Teepees RMTLC & Pretty Shield...
247 views • 1 year ago




ARCGIS
15 views • 1 year ago




How the Vaccine Works - What to do After You Get It
57 views • 1 year ago



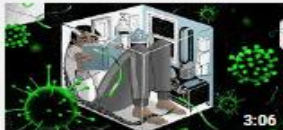
COVID-19 Halloween Safety
6 views • 1 year ago




How the Vaccine Works
9 views • 1 year ago




Who Should Get the COVID19 Vaccine
8 views • 1 year ago




Why I Should be Vaccinated
13 views • 1 year ago



Family Feasts and Get Togethers during COVID19
2 views • 1 year ago



Veteran's Day Tribute - Mask UP!
7 views • 1 year ago



Happy Holidays from the RMTLC!
41 views • 1 year ago

https://www.youtube.com/channel/UCWG-SQP70DzyU_FC515zF4w/videos

SITE VISITS

❑ Blackfeet, Fort Belknap, Rocky Boy, Flathead, Eastern Shoshone , North Arapaho, and Little Shell

✓ Fort Peck and Crow (soon)

❑ Attended events:

✓ Crow Native Days

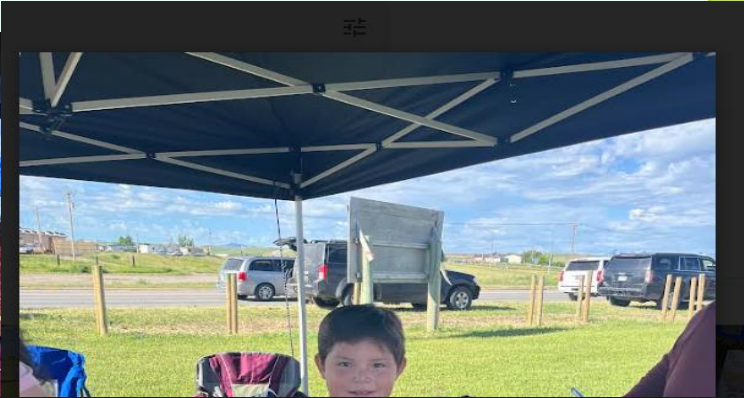
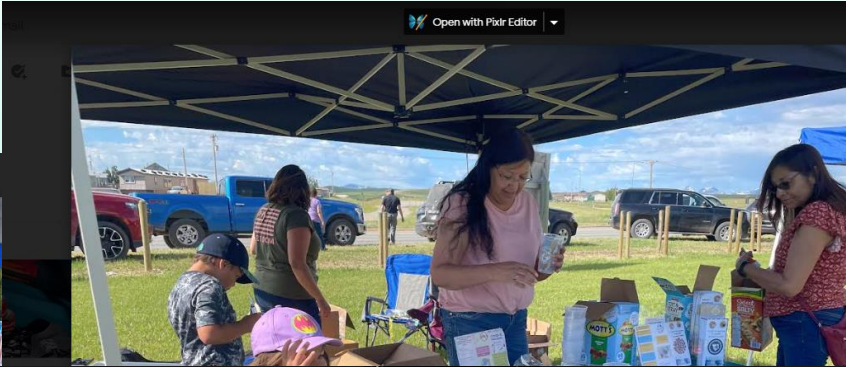
✓ Blackfeet Youth Day and Blackfeet Health Fair

✓ Health Fair (Crow/Northern Cheyenne Hospital and departments under Crow Tribal Health)

✓ Health Star Fair in Lame Deer, MT

✓ Men's Health event Rocky Boy

SITE VISITS / EVENTS



Government Accountability Office Summary Paper

The United States Government Accountability Office (GAO) has recently released an action plan created in response to the growing difficulties of data access for Tribal Epidemiology Centers (TECs). Through a series of publications and interviews with the directors of the TECs, the GAO completed a CARES Act mandated report for its Covid-19 monitoring and oversight efforts.

In this paper, the GAO analyzed the differing levels of data access for the TECs and complied growing trend among the TECs.

Main factors of limited data access for the TECs:

1- The lack of policies that affirm the TECs as a Public Health Authority (PHA).

- Most TECs don't have access to COVID-19 Data as they should as PHAs
- Refusal to recognize the TECs claim to effective and timely data by the CDC
- These delays and refusals affect TECs capacity to adequately respond to the Covid-19 pandemic and other infectious diseases

2- The lack of guidance that allows for the TECs to request data from the CDC or IHS.

- No consistent guidelines for the TECs to request data from the federal government
- No clear guidelines for the data from the DHHS that can be shared with TECs
- This lack of protocol has created an unclear picture of the Covid-19 response from the TECs

Five Recommendations Submitted by GAO for Limited Data Access Improvement:

1. The Secretary of DHHS should develop a policy clarifying what DHHS data do the TECs have a legal write to request access. ←

2. The Director of the CDC should develop written guidance for the TECs on how the TECs can request data. ←

3. The Director of the CDC should develop agency procedures on how to review and implement data requests from the TECs. ←

4. The Director of the IHS should develop written guidance for the TECs on how the TECs can request data. ←

5. The Director of the IHS should develop agency procedures on how to review and implement data requests from the TECs. ←

UPDATES:

□ CDC

- ✓ TEC-CDC discussion (June 27th)
 - TEC requested for a list of datasets with variables
 - CDC working to increase awareness of TECs authority within CDC programs/ departments
- ✓ Follow-up meeting-in person?

□ IHS:

- ✓ **EDM data quarterly**
- ✓ Data sharing – roundtable discussion August 22
 - *Billings Area-IHS – real time data?*
 - *Letter from RMTLC Board or Health Subcommittee ?*

DATA MANAGEMENT TEAM



PRIMARY Data Sources

Epidemiology Data Mart (EDM)

- Morbidity data from Indian Health Services Units. Includes ICD-9/ICD-10 codes, lab tests, medication, health factors, demographics, user population numbers.

Tribal BRFSS

- Health risk behaviors, chronic health conditions, and use of preventive services data (adults)

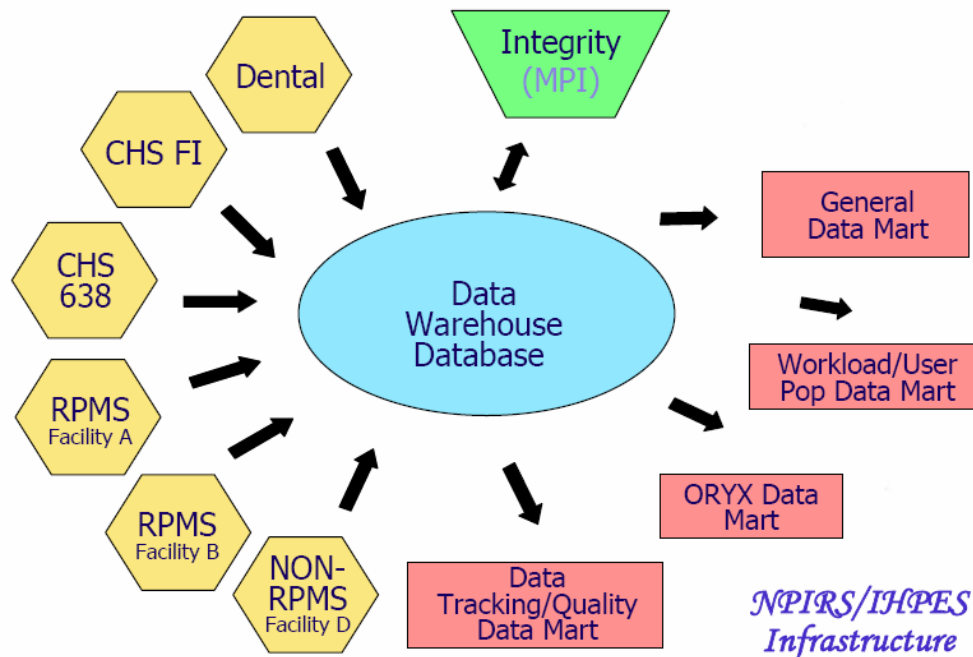
Child Health Measures

- Age, gender, blood pressure, weight, height, waist circumference, hip circumference (students)

Epidemiology Data Mart (EDM)

- IHS, Tribal and Urban Indian facilities send raw HL7 healthcare data files to the National Data Warehouse (NDW). The raw data from these files are parsed into specific components and forwarded to the General Data Mart (GDM). The GDM tables are then copied to the EDM, partially deidentified, and shared with the Tribal Epidemiology Center.

NDW Organizational Architecture



Documents > Data > Morbidity Data IHS > FY2018_08052019 > RMTEC > ENCTR				
Name	Status	Date modified	Type	Size
ada_proc.sas7bdat	☁	8/5/2019 9:57 AM	SAS Data Set	315,904 KB
clin_meas.sas7bdat	☁	8/5/2019 10:01 AM	SAS Data Set	846,720 KB
dx_icd.sas7bdat	✓	8/5/2019 10:10 AM	SAS Data Set	1,561,088 ...
dx_inj.sas7bdat	✓	8/5/2019 10:10 AM	SAS Data Set	21,312 KB
dx_oth.sas7bdat	☁	8/5/2019 10:10 AM	SAS Data Set	37,952 KB
enctrss.sas7bdat	✓	8/5/2019 10:31 AM	SAS Data Set	3,497,792 ...
enctrss_contract.sas7bdat	☁	8/5/2019 10:32 AM	SAS Data Set	217,664 KB
enctrss_dental.sas7bdat	☁	8/5/2019 10:32 AM	SAS Data Set	43,648 KB
enctrss_inpat.sas7bdat	✓	8/5/2019 10:32 AM	SAS Data Set	12,352 KB
enctrss_misc.sas7bdat	☁	8/5/2019 10:40 AM	SAS Data Set	1,321,088 ...
enctrss_phn.sas7bdat	☁	8/5/2019 10:40 AM	SAS Data Set	81,600 KB
exam.sas7bdat	☁	8/5/2019 10:41 AM	SAS Data Set	72,128 KB
hcpcs_proc.sas7bdat	✓	8/5/2019 10:45 AM	SAS Data Set	687,936 KB
health_factor.sas7bdat	☁	8/5/2019 10:45 AM	SAS Data Set	160,576 KB
immun.sas7bdat	☁	8/5/2019 10:46 AM	SAS Data Set	120,256 KB
lab_test.sas7bdat	✓	8/5/2019 10:52 AM	SAS Data Set	1,025,792 ...
medication.sas7bdat	✓	8/5/2019 11:02 AM	SAS Data Set	1,718,080 ...
pat_education.sas7bdat	☁	8/5/2019 11:04 AM	SAS Data Set	284,992 KB

SECONDARY Data Sources

American Community Survey

- Social, economic, housing, and demographic characteristics

Behavioral Risk Factor Surveillance System (BRFSS)

- Health risk behaviors, chronic health conditions, and use of preventive services (adults)

CDC DCIPHER

- COVID-19 case surveillance interview data

CDC Opioid Dispensing Rates

- County-level data for opioid dispensing rates per 100

CDC Web-based Injury Statistics Query and Reporting System (WISQARS)

- Fatal and nonfatal injury, violent death, leading cause of death, years of potential life lost, and cost of injury data

SECONDARY Data Sources, cont.

CDC Wide-ranging ONline Data for Epidemiologic Research (WONDER)

- Underlying and multiple cause of death, fetal and infant deaths.

Human and Health Services (HHS) Protect

- COVID-19 related data on hospital reporting, therapeutics distribution, and national testing.

State's Central Tumor Registry (MCTR)

- Diagnosis, treatment, and outcomes of cancer and other reportable tumors since 1979.

Montana's Indicator Based Information System (MT-IBIS)

- Query system for birth and death data, BRFSS, hospital inpatient discharge data, emergency department data [\(pending new version\)](#)

State's Prevention Needs Assessment (PNA)

- Risk and protective factors associated with the use of alcohol, tobacco, and other drugs.

Secondary Data Sources, cont.

Morbidity and Mortality Weekly Report (MMWR)

- Weekly surveillance reports from the CDC

My Tribal Area

- Census information for Tribal lands

National Survey of Drug Use and Health (NSDUH, SAMHSA)

- National, state, and sub-state data for drug use and mental health

U.S. Census

- Demographic data (every 10 years)

Vital Statistics

- Birth and death records from MT DPHHS and WY DOH

Youth Risk Behaviors Surveillance System (YRBSS)

- Health-risk behavior data (MT only)

DATA LIMITATIONS





DATA LIMITATIONS

Incomplete

- In many data sets race and ethnicity are not collected for all records

Not representative

- Data collection is opt-in
- May not include some of the population

Delayed reporting

- EDM delayed 1 year
- State-level can be 1 to 2 years
- National is often 2 years or more

DATA LIMITATIONS: POPULATION COUNTS

Tribal-
based

Varies by each Tribe in their methods of enrollment

US
Government

Defines American Indian / Alaska Native (AI/AN) as a member of a federally recognized Tribe

Bureau of
Indian Affairs

Uses blood quantum as listed on the Certified Degree of Indian Blood card

MONTHLY MEETING

AGENDA

- ❑ STATUS OF ANALYSIS
- ❑ DATA AND TA REQUEST
- ❑ NEW PROJECT
- ❑ OTHER
- ❖ DATA COLLECTION
- ❖ SURVEY DEVELOPMENT

Thank you! Questions?

Rocky Mountain Tribal Leaders Council Epidemiology Center

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Billings, MT 59101

www.rmtlc.org

