The National Missing and Unidentified Persons System (NamUs)

MN MMIR Advisory Council Meeting

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PRESENTER'S INFORMATION AND DISCLAIMER

Jessica Hager

Regional Program Specialist

National Missing and Unidentified Persons System (NamUs) ihager@rti.org

Cell: 817-374-2765

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THE NATION'S SILENT MASS DISASTER

The sheer volume of missing and unidentified person cases poses one of the greatest challenges to agencies tasked with resolving these important cases.

Over 600,000 individuals go missing in the United States every year. Fortunately, many missing children and adults are found quickly, alive and well. However, tens of thousands of individuals remain missing for more than one year – what many agencies consider "cold cases."

It is estimated that 4,400 unidentified bodies are recovered each year, with approximately 1,000 of those bodies remaining unidentified after one year.

600,000

Individuals go missing every year

4,400

Unidentified bodies are recovered each year



NATIONAL INSTITUTE OF JUSTICE RESPONSE TO THE NATION'S SILENT MASS DISASTER

Namus = PEOPLE + INFORMATION + TECHNOLOGY + FORENSIC SCIENCE



Forensic Services

Free services include forensic odontology, fingerprint examination, forensic anthropology, and DNA analyses through a network of partner organizations



Training and Outreach

Subject matter experts provide free training and perform direct outreach to families of the missing.



Research

NamUs researchers recommend system improvements and provide information to better respond to missing and unidentified person cases.



Technology

The NamUs database fills the nation's need for a unified, free, secure database for unidentified remains and missing persons.



Investigative Support

Seasoned staff consult on cases and support criminal justice efforts to drive resolution.

CORE SERVICES



The NamUs program combines technology, forensic services, investigative support, and research to support the resolution of missing, unidentified, and unclaimed person cases. All NamUs services are free of charge.



WHO USES NAMUS?



Sworn and civilian law enforcement personnel

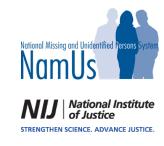
Who Uses NamUs?

Medical examiners, coroners, and allied forensic professionals

Family members of the missing and victim advocates

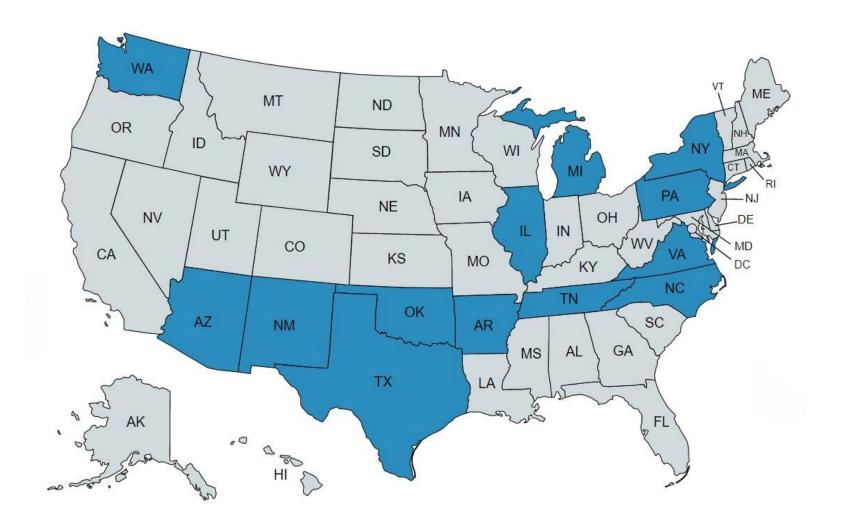
9,000+

Professional
users enter, search,
compare, and
authorize publication of
case information in
NamUs.





STATES WITH LEGISLATION THAT INCLUDES NAMUS



Thirteen states have passed legislation mandating the use of NamUs for missing and/or unidentified persons cases

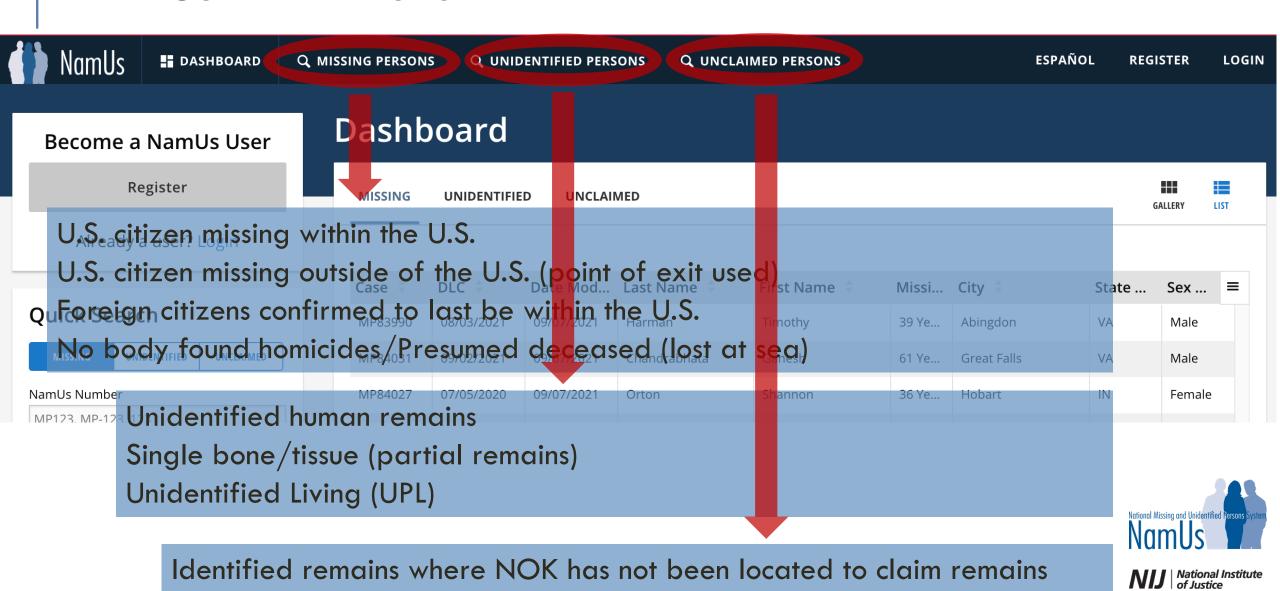


NAMUS TECHNOLOGY



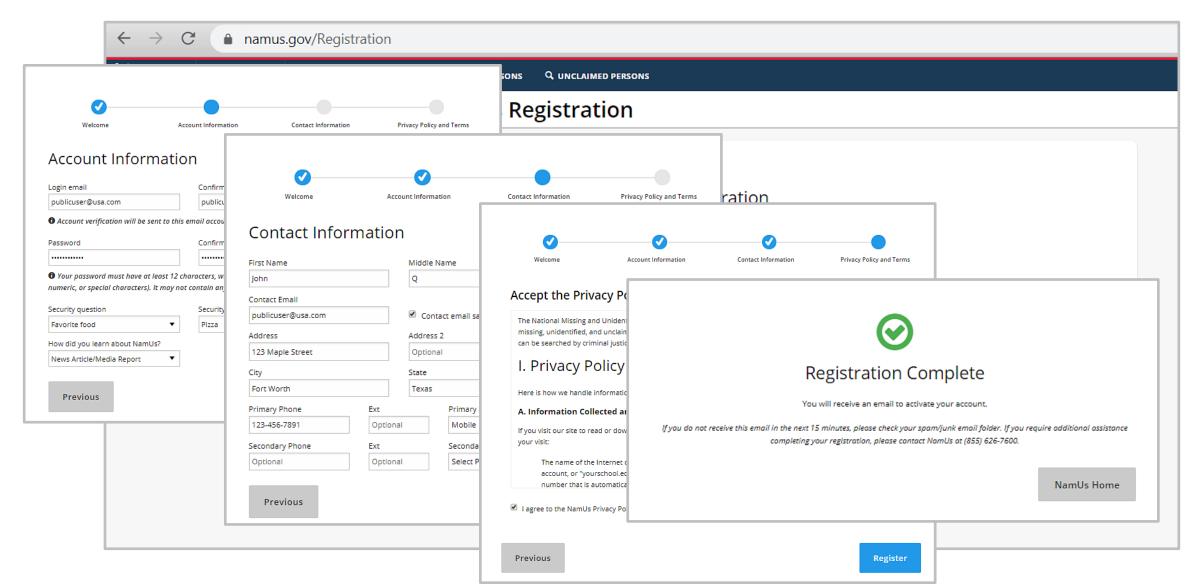


NAMUS DATABASES



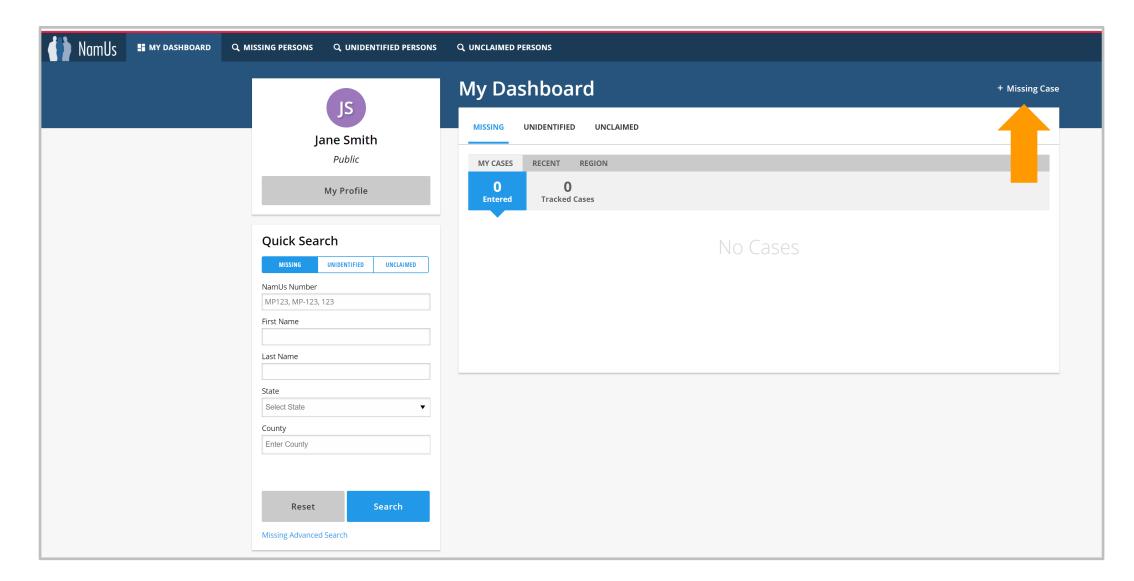


PUBLIC USER REGISTRATION





CENTRAL DASHBOARD FOR ALL ACCOUNT AND CASE TOOLS



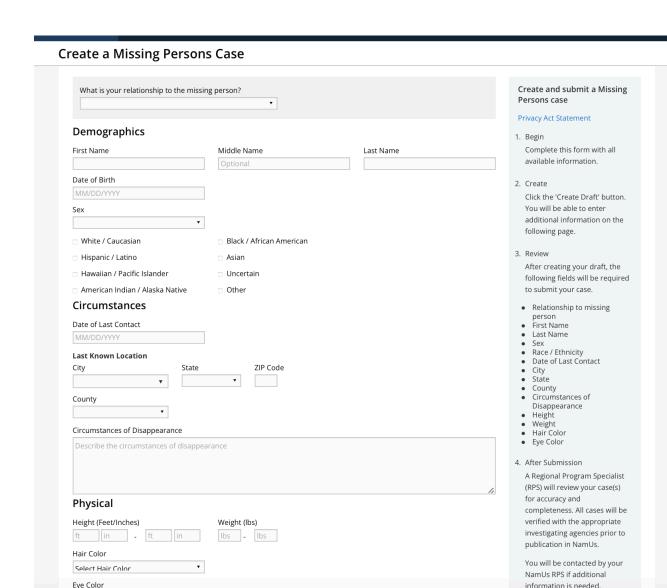
MISSING PERSONS CASE ENTRY

Minimum Requirements:

- First and last name
- Demographics
- Circumstances and location of disappearance
- Physical Descriptors
- Investigating agency information

Enhancements:

- Photographs
- Biometrics
- Physical descriptors
- Clothing descriptions
- Medical data
- Vehicular information





ENTER DETAILED PHYSICAL & CLOTHING DESCRIPTIONS

Distinctive Physical Features			
Item	Description		
Artificial body part/aid	Webbed toes		
Scar/mark	Large raspberry colored birth mark on left shoulder		

+ Add Distinctive Physical Feature



Tattoo

Tattoo of a green, blue, and yellow Clothing and Accessories

+ Add Clothing and Accessories

Item	Description
Accessories	Camouflage canvas backpack
Clothing	Last seen wearing blue jeans and a red shirt.
Jewelry	Gold colored ring with initials JD



ADD ALL KNOWN MEDICAL DATA

Mark this section as No Known Information	
- Mark and Section as No Known information	
ltem	
Other medical information	▼
Known allergy	
Skeletal information	
Known illness	defined categories
Medical implant	
Medication	
Drug of abuse	
Prior surgery	
Organ absent	
Foreign object	
Medical condition/disorder	
Medical condition/disorder	





ENTER DENTIST INFORMATION & POTENTIAL FINGERPRINT SOURCE

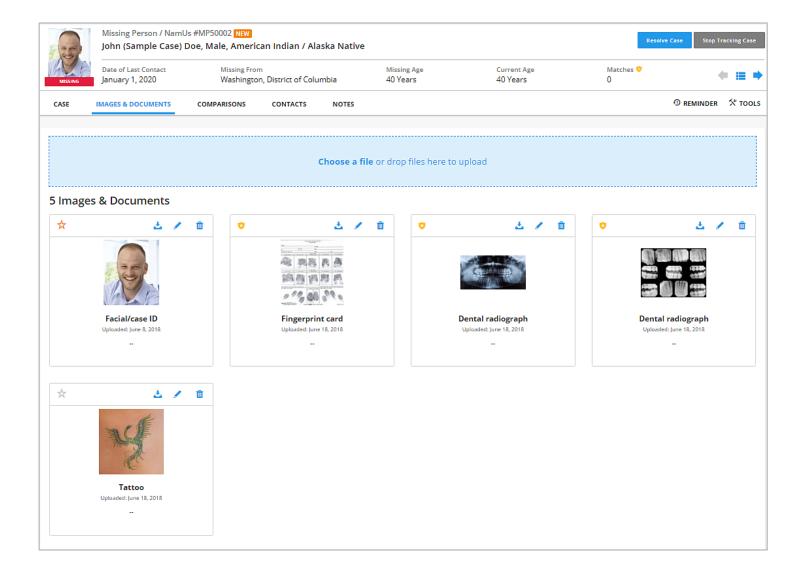
Edit Fingerprint Information

	Edit Dental Information		
Mark this section as No Known Information	Dentist Information		
	First Name	Last Name	
What Best Describes the Availability of Fingerprints			
	Address	Address 2	
Fingerprint Information is Available Elsewhere			
Fingerprint Information is Available for Entry	City	State ZIP Code	
- Thige print mornidating Available for Entry		Select ▼	
Comments	Phone	Email	
Fingerprints were provided when MP obtained his			





UPLOAD IMAGES & DOCUMENTS



- Photographs
- X-rays
- Dental images and treatment records
- Fingerprint cards
- Tattoos
- Clothing



UNIDENTIFIED PERSON CASE DATA



Unidentified Person / NamUs #UP14737 Male, Asian

November 2, 2015

Location Found Atlantic City, New Jersey Estimated Age Range 45-65 Years

Case entry mirrors entry for missing persons and includes:

- Case Numbers
- Demographics
- Circumstances and Location
- Physical Description
- Medical Data
- Clothing and Accessories

- BIOMETRICS
 - DNA
 - Fingerprints
 - Dental
- ADDITIONAL CASE INFO
 - Autopsy Facility
 - Disposition of Remains





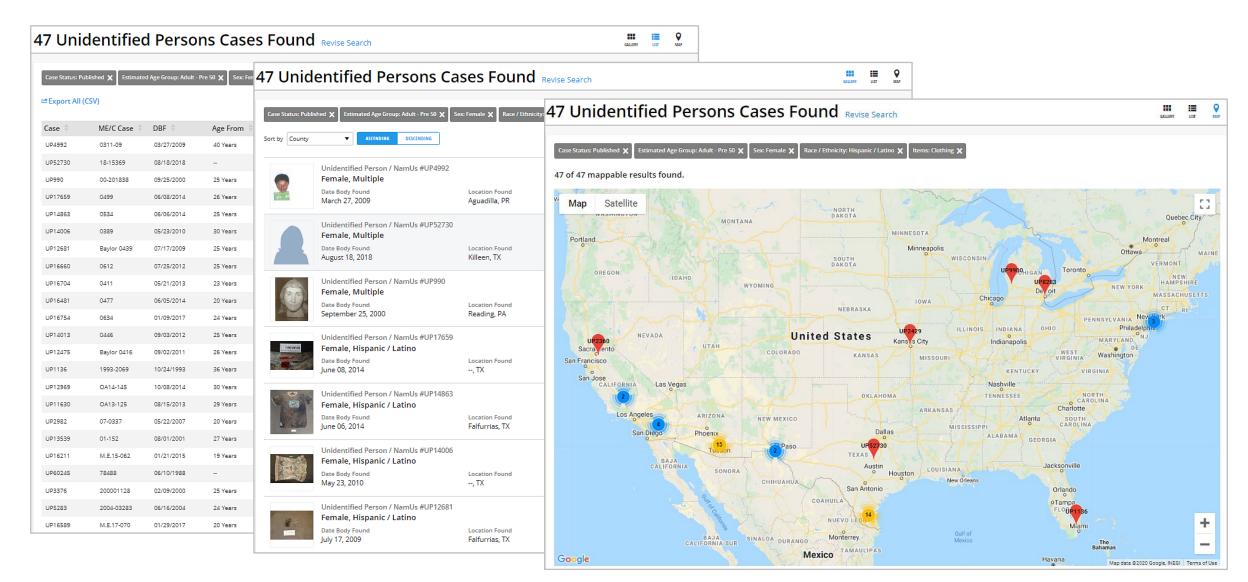
ADVANCED SEARCHING

		Circumstances
Distinctive Physical Features No Information Entered		Foul Play Indicated Yes No Possibly Uncertain or not provided
No Known Information	Clothing and Accessories	NamUs Case Created
Distinctive Physical Features	No Information Entered	Between ▼ Month ▼ Day ▼ Year ▼ - Month ▼ Day ▼ Year ▼
butterfly	Clothing and Accessories Description	Date of Last Contact
Searching For butterfly	ring	Between ▼ Month ▼ Day ▼ Year ▼ - Month ▼ Day ▼ Year ▼
Limit to Selected Fields	Searching For ring	Last Known Location
	Limit to Selected Fields	City
+ Add Keyword Search Item	+ Add Keyword Search Item	Enter City
	Only Include Cases That Contain a Description for the Following: Select all	•
	Accessories Clothing	County
	☐ Footwear ☑ Jewelry	Enter County
		Circumstances Description
		Circumstances of Disappearance and Notes

Advanced searches can be constructed to locate cases in specific areas, or to match unique physical descriptors, such as scars, marks, tattoos, clothing, jewelry, etc.



SEARCH RESULTS: LIST, GALLERY AND MAP VIEW



NAMUS SERVICES





INVESTIGATIVE SUPPORT

NamUs Analytical Services utilize criminal justice and public data sources and advanced search techniques to provide criminal justice agencies with:

- Searches for indication of life or death
- Locating Next of Kin (NOK) for death notifications
- Locating family members for DNA collection
- Media/newspaper articles
- Advanced searches of the NamUs database to locate potential comparisons
- Open sources searches





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FORENSIC DNA TYPING AND CODIS SEARCHING

- Collecting requests and analyzing community needs pertaining to nuclear DNA testing, including Y-STR analysis, and mitochondrial DNA analysis for missing and unidentified person cases including:
 - Family reference samples
 - Direct reference samples
 - Unidentified human remains samples





SELECTING FAMILY MEMBERS FOR DNA COLLECTIONS





SELECTING FAMILY MEMBERS FOR DNA COLLECTIONS





SELECTING FAMILY MEMBERS FOR DNA COLLECTIONS

Mitochondrial DNA (mtDNA) Collect from one family member **MISSING** who is maternally **PERSON** related. GRANDSON GRANDDAUGHTER

GREAT

GRANDDAUGHTER

GRANDSON

GREAT

GREAT

GRANDSON

DNA COLLECTIONS

- Consent forms and FAQ related to DNA submissions and analyses can be found at https://namus.nij.ojp.gov/services/dna
- Family members must sign a consent form prior to processing
- Support courtesy DNA collections





Profiles uploaded to CODIS are organized into indices which can — and cannot — be searched against one another in specific ways.

Most Commonly Used CODIS Indices







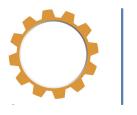
Unidentified Human (Remains) Index

Convicted Offender Index

Forensic Index



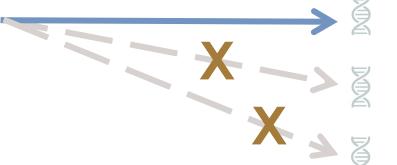




CODIS SEARCHING



Family Members of Missing Persons Index



Unidentified Human Index

Convicted Offender Index

Forensic Unknown Index







FINGERPRINT SERVICES

- Locating/acquiring fingerprint records
- Digitizing and uploading to an internal Automated Fingerprint Identification System (AFIS)
- Coding prints for NCIC and NamUs entry
- Submitted to the FBI's Latent Print Unit for searching in NGI and IDENT
- Performing manual fingerprint comparisons





FORENSIC ODONTOLOGY SERVICES

- Obtaining dental records from national Military Record Repository
- Coding dentals for NCIC and NamUs entry
- Performing dental comparisons
 between missing and unidentified persons





FORENSIC ANTHROPOLOGY SERVICES

- Distinguishing historical/archaeological remains from modern remains
- Development of biological profiles –
 such as sex, ancestry, stature, and age
 to aid searches for possible matches
- Identifications of skeletal remains based on comparisons of medical and radiographic information
- Trauma analysis to contribute to cause and manner of death determinations





FORENSIC GENETIC GENEALOGY (FGG)

- DNA extraction, clean-up, and enrichment as needed based on quality assessments
- DNA sequencing and bioinformatics
- Investigative genealogy to yield useful related matches to an unknown DNA sample



NAMUS TRIBAL INITIATIVES





- (1) to clarify the responsibilities of Federal, State, Tribal, and local law enforcement agencies with respect to responding to cases of missing and murdered Indians;
- (2) to increase coordination and communication among Federal, State, Tribal, and local law enforcement agencies, including medical examiner and coroner offices;
- (3) to empower Tribal governments with the resources and information necessary to effectively respond to cases of missing and murdered Indians; and
- (4) to increase the collection of data related to missing and murdered Indian men and women and the sharing of information among Federal, State, and Tribal officials responsible for responding to and investigating cases of missing and murdered Indians.

Public Law 116–165 116th Congress

An Act

Oct. 10, 2020 [S. 227] To direct the Attorney General to review, revise, and develop law enforcement and justice protocols appropriate to address missing and murdered Indians, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

Savanna's Act. 25 USC 5701

SECTION 1. SHORT TITLE.

This Act may be cited as "Savanna's Act".

25 USC 5701.

note.

SEC. 2. PURPOSES.

Intergovernmental relations. The purposes of this Act are—

(1) to clarify the responsibilities of Federal, State, Tribal, and local law enforcement agencies with respect to responding to cases of missing or murdered Indians;

Coordination.

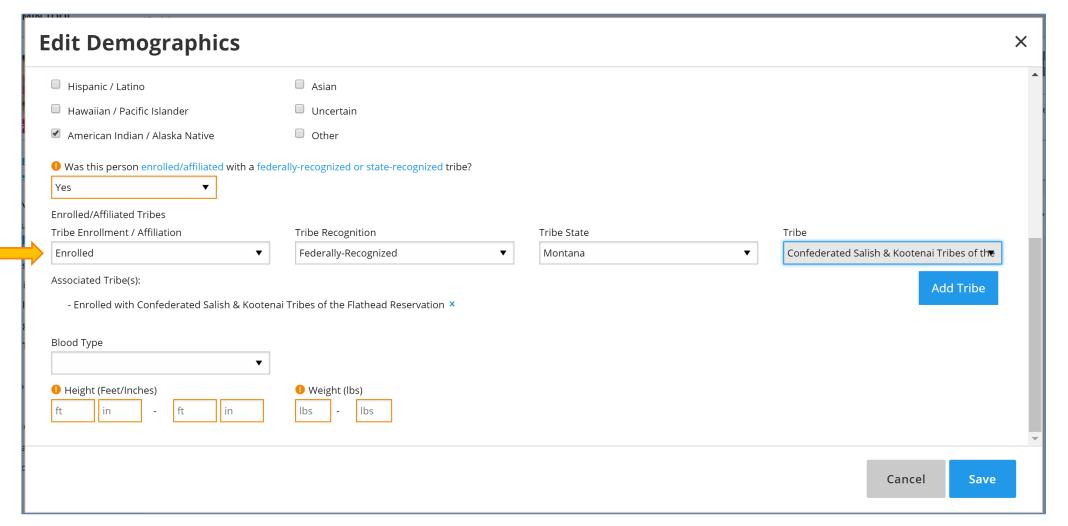
(2) to increase coordination and communication among Federal, State, Tribal, and local law enforcement agencies, including medical examiner and coroner offices;

(3) to empower Tribal governments with the resources and information necessary to effectively respond to cases of missing or murdered Indians; and

Data.

(4) to increase the collection of data related to missing or murdered Indian men, women, and children, regardless of where they reside, and the sharing of information among Federal, State, and Tribal officials responsible for responding to and investigating cases of missing or murdered Indians.

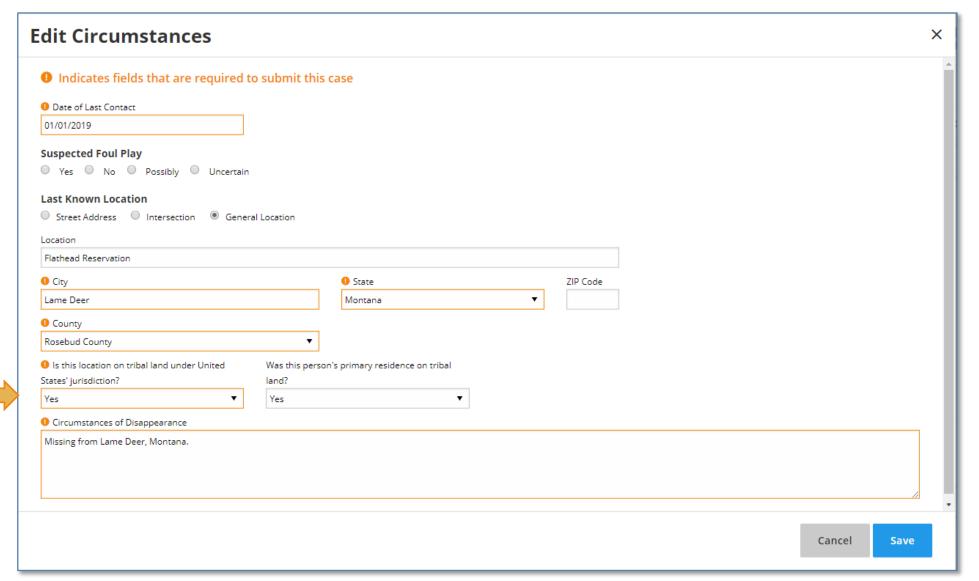
TRIBAL DATA FIELDS IN NAMUS: TRIBAL ENROLLMENT/AFFILIATION





STRENGTHEN SCIENCE, ADVANCE JUSTICE.

TRIBAL DATA FIELDS IN NAMUS: MISSING FROM/RESIDES ON TRIBAL LAND





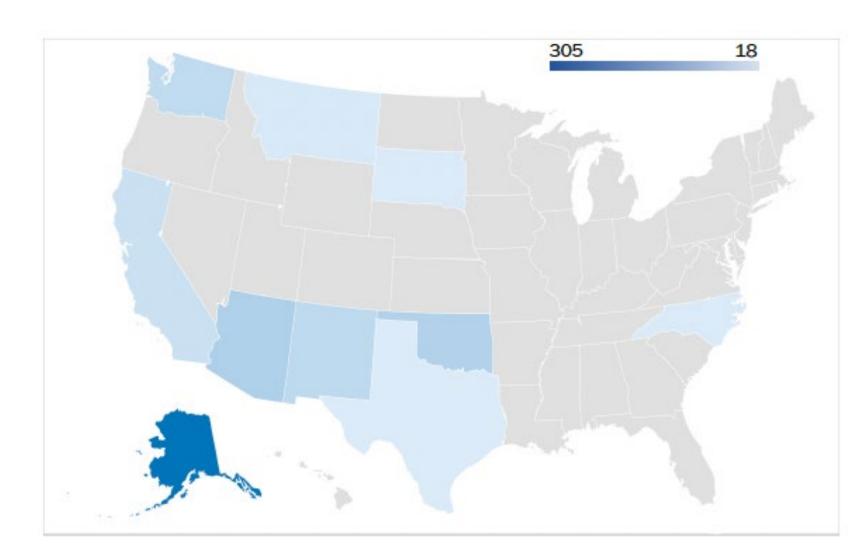
TRIBAL STATISTICS

Active MP Cases with AI/AN ethnicity, tribal enrollment, missing from tribal land, or primary residence on tribal land

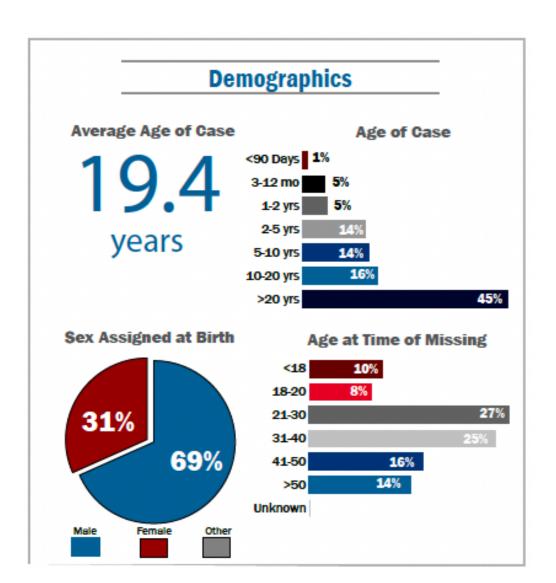
Top 10 States

Alaska	305
Arizona	84
Oklahoma	80
New Mexico	62
Washington	57
California	43
Montana	23
North Carolina	20
South Dakota	20
Texas	18

Total Missing Person AI/AN Cases by State (as of June 2023)

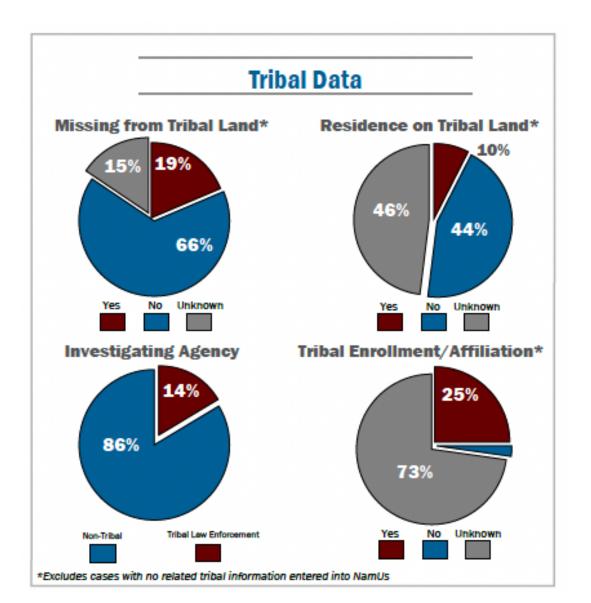


NAMUS AI/AN MISSING PERSON CASES, AS OF JUNE 2023





NAMUS AI/AN MISSING PERSON CASES, AS OF JUNE 2023





EXAMPLE OF DATA SHARING FOR TRIBAL CASES ACROSS DATABASES **ARIZONA**

NamUs is working with the FBI to cross reference all records of missing persons AI/AN cases noted in NCIC, the FBI's Missing Native Americans list, and NamUs to ensure completeness and concordance of records

FBI releases names of 170 missing Indigenous people in New Mexico and on the Navajo Nation



Arlyssa D. Becenti Arizona Republic

Published 3:09 p.m. MT July 26, 2022

View Comments









The FBI in New Mexico released the names of 170 missing Indigenous people in an attempt to locate them and to encourage families to report their missing loved ones.

The list, along with some photos, includes members of the Navajo Nation and New Mexico Pueblo tribes. The oldest case is that of Walcie Downing, who has been missing since Dec. 14, 1956. There was no picture with her name, although an online search turns up a black-and-white picture of her, smiling.



Crowd of people at the day of awareness event for Missing and Murdered Indigenous People in Window Rock in 2021. Shondiin Silversmith/The Republic

EXECUTIVE ORDER 13898

- signed November 26, 2019, formed the Task Force on Missing and Murdered American Indians and Alaska Natives (Al/AN) also known as **Operation Lady Justice**.
 - Consultations with tribal governments on the scope and nature of issues regarding missing and murdered AI/AN persons.
 - Develop protocols and procedures for unsolved missing & murdered persons in American Indian and Alaska Native communities, including sharing of data among various jurisdictions and law enforcement agencies and better use of existing criminal databases, such as NamUs



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PRESS RELEASE

Tuesday, November 23, 2021

Justice Department Boosts Efforts to Solve American Indian and Alaska Native Missing Person and Unidentified Remains Cases &

National Missing and Unidentified Persons System Will Ensure Cases Are Current and Complete

WASHINGTON – The Department of Justice today announced a commitment of \$800,000 to the National Missing and Unidentified Persons System, or NamUs, specifically to increase the program's capacity to provide outreach, investigative support and forensic services to cases involving American Indians and Alaska Natives. The investment is in response to recommendations from the federal Task Force on Missing and Murdered American Indians and Alaska Natives, known as Operation Lady Justice. It also supports the executive order issued by President Biden on November 15 "to reduce violence against Native American people, and to ensure swift and effective Federal action that responds to the problem of missing or murdered indigenous people."

"Our research tells us that American Indians and Alaska Natives experience violence at rates well above those of many other groups, a disparity that is sadly reflected in reports of missing and unidentified Native Americans," said Jennifer Scherer, Acting Director of the National Institute of Justice, the division of the Justice Department's Office of Justice Programs that manages NamUs. "We look forward to using these new resources to bolster NamUs and help investigators solve these difficult cases and bring answers to families."