Data Dictionary

Alaska Public Health
Data Sources

This document consolidates information on the State of Alaska’s available public health data sources. It is intended as a resource to assist data users in knowing what data are available and how they can be accessed.

Prepared by:

Section of Epidemiology
Division of Public Health
Department of Health and Social Services
State of Alaska

Suggested Citation:


Last Updated: December 2020
# Table of Contents

Alaska Birth Defects Registry (ABDR) ........................................................................................................ Page 5
Alaska Cancer Registry (ACR) ....................................................................................................................... Page 7
Alaska Drowning Surveillance System (AKDSS) .............................................................................................. Page 8
Alaska Epidemiology Bulletin ......................................................................................................................... Page 9
Alaska Firearm Injury Report Surveillance System (AKFIRSS) ................................................................ Page 10
Alaska Lead Surveillance Program ................................................................................................................ Page 11
Alaska Occupational Disease and Injury Surveillance System (AKODISS) .................................................. Page 12
Alaska Opioid Data Dashboard ..................................................................................................................... Page 13
Alaska Population Estimates Program .......................................................................................................... Page 15
Alaska Population Projections Program ....................................................................................................... Page 16
Alaska Statewide Hair Mercury Biomonitoring Program ............................................................................. Page 17
Alaska Surveillance, Tracking, and Reporting System (AK-STARS) ............................................................ Page 18
Alaska Trauma Registry (ATR) ..................................................................................................................... Page 20
Alaska Uniform Response Online Reporting Access (AURORA) ................................................................. Page 22
Alaska Violent Death Reporting System (AKVDRS) .................................................................................. Page 23
Alaska Vital Statistics .................................................................................................................................... Page 25
Alaska Workers’ Compensation Data .......................................................................................................... Page 26
Behavioral Risk Factor Surveillance System (BRFSS) ................................................................................ Page 27
Boating Accident Report Database (BARD) .................................................................................................. Page 29
Childhood Understanding Behaviors Survey (CUBS) ................................................................................ Page 30
Chlamydia and Gonorrhea InstantAtlas™ Display ..................................................................................... Page 32
Fatality Analysis Reporting System (FARS) ................................................................................................ Page 34
Firearm Injury InstantAtlas™ Displays ........................................................................................................ Page 35
Fishermen’s Fund Data ................................................................................................................................ Page 37
Health Facilities Data Reporting (HFDR) Program ........................................................................................ Page 38
Informed Alaskans Initiative ......................................................................................................................... Page 40
  InstantAtlas™ Health Maps ........................................................................................................................ Page 40
  AK-IBIS Health Data .................................................................................................................................. Page 42
Juvenile Offender Management Information System (JOMIS) ................................................................ Page 44
Maternal and Child Death Review (MCDR) Program ................................................................................ Page 45
Office of Children’s Services (OCS) ............................................................................................................. Page 46

## Symbol Legend

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Su</td>
<td>includes data on suicide</td>
</tr>
<tr>
<td>SA</td>
<td>includes data on substance use/abuse</td>
</tr>
<tr>
<td>Op</td>
<td>includes data on opioid use</td>
</tr>
</tbody>
</table>
## Table of Contents (continued)

<table>
<thead>
<tr>
<th>System/Program</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pregnancy Risk Assessment Monitoring System (PRAMS)</td>
<td>48</td>
</tr>
<tr>
<td>Prescription Drug Monitoring Program (PDMP)</td>
<td>49</td>
</tr>
<tr>
<td>State Unintentional Drug Overdose Reporting System (SUDORS)</td>
<td>50</td>
</tr>
<tr>
<td>Statewide Drug Enforcement Unit (SDEU) Data Resources</td>
<td>51</td>
</tr>
<tr>
<td>Student Weight Status Surveillance System (SWSSS)</td>
<td>52</td>
</tr>
<tr>
<td>Substance Abuse InstantAtlas™ Displays</td>
<td>54</td>
</tr>
<tr>
<td>Substance-Exposed Newborns Initiative (SENI)</td>
<td>56</td>
</tr>
<tr>
<td>Syndromic Surveillance</td>
<td>57</td>
</tr>
<tr>
<td>VacTrAK – the Alaska Immunization Information System</td>
<td>58</td>
</tr>
<tr>
<td>Youth Risk Behavior Surveillance System (YRBSS)</td>
<td>60</td>
</tr>
<tr>
<td>Appendix. Section-Specific Links for Requesting Data</td>
<td>62</td>
</tr>
</tbody>
</table>

### Symbol Legend

- **Su** = includes data on suicide
- **SA** = includes data on substance use/abuse
- **Op** = includes data on opioid use
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Birth Defects Registry (ABDR)

PURPOSE:
The Alaska Birth Defects Registry is a passive surveillance program that collects and provides information on the number of infants with birth defects born to Alaska residents. It was established in 1996 under the Alaska Administrative Code (7 AAC 27.012), which requires health care providers, hospitals, health insurance providers, diagnostic laboratories and other health care facilities to report to the ABDR when they have cared for a child with a congenital birth defect. Data from the ABDR are used to
• estimate the prevalence of congenital anomalies within populations and investigate unusual patterns of occurrence;
• monitor the prevalence of birth defects in populations with identifiable or preventable exposures, and determine whether known exposures have increased the risk of birth defects;
• conduct analytic studies of high prevalence conditions to elucidate possible etiologies and prevention strategies;
• provide scientific foundation for evidence-based decision making; and
• observe and evaluate the effects of interventions and policy changes.

DATES/FREQUENCY OF DATA COLLECTION:
Data collection has been ongoing since 1996. The ABDR program currently has a six-year time lag as providers are allowed to report defects in patients up to six years of age. Using a Bayesian approach, program staff have reduced the lag in reporting statewide prevalence estimates to three years. A research dataset from birth years 2007 – 2013 is available. Historical data from birth years 2007 – 2013 is available. Historical data from 1996 – 2012 is also available but strongly advised to use with caution when making extrapolations due to changes in surveillance processes. Likewise, provisional data from 2014 – current can be retrieved and analyzed for special projects.

IDENTIFICATION OF RACE/ETHNICITY:
Maternal race is available in bridged race categories.

CONTACT:
Chris Barnett
Program Manager and Epidemiologist
3601 C St. Ste 358 | Anchorage, AK 99503
Tel: (907) 269-8097
Fax: (907) 269-3493
Email: christopher.barnett@alaska.gov

LINKS:
Alaska Birth Defects Registry Website:
http://dhss.alaska.gov/dph/wcfh/Pages/mchepi/abdr/default.aspx

Program Data and Reports:
http://dhss.alaska.gov/dph/wcfh/Pages/mchepi/abdr/Data_Reports.aspx

DATA REQUESTS AND DATABASE ACCESS:
Although data has been collected since 1996, the data processing changed drastically in 2007; thus, current research datasets are available for the years 2007-2013. Historical data can be made available upon special request. Provisional data 2014-current can also be accessed for special projects with clear understanding of data limitations. All data requests can be made by filling out the MCH-Epi Data Request Form. Currently, no charge is affixed to accessing these ABDR data. However, fees may be instituted for data requests that require extensive analysis and data manipulation, such as integrating with other data systems.
TOPICS:
All major structural defects, genetic disorders,
Congenital birth defects, Langerhans-cell histiocytosis,
Anemias, Immunodeficiencies, Congenital iodine-deficiency syndrome, Congenital hypothyroidism,
Adrenogenital disorders, Metabolic disorders,
Nervous system disorders, Pigmentary retinal dystrophy, Kearns-Sayre, Hearing loss, Acquired deformities of limbs, Congenital malformations.

LIMITATIONS:
The ABDR data are obtained through passive data collection from multiple health care providers across the state in the form of International Classification of Disease codes (ICD). Data reporting can be inconsistent, resulting in annual fluctuations that are unrelated to actual disease occurrence. Additionally, ICD codes may not reflect actual diagnosis. To address this issue, ABDR is working at developing adjusted defect prevalence estimates though case sampling, medical records review, and Bayesian adjustment. The ABDR program will not release potentially identifiable data (n<6). Finally, due to the lag in reporting (reports are received up until age 6 years), the lag time in closing out record sets can impact timeliness; however, with the Bayesian adjustment approach, data are being closed out with reports before the 3rd birthday.
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Cancer Registry (ACR)

PURPOSE:
The Alaska Cancer Registry is a population-based cancer surveillance system and is funded by the Centers for Disease Control and Prevention (CDC). ACR collects data on all newly diagnosed cases of cancer (including benign brain) for the State of Alaska. ACR collects a wide variety of information to determine cancer incidence, mortality, treatment and survival. The data are used to:
- determine the incidence of cancer in Alaska with respect to geographic and demographic characteristics;
- monitor trends over time;
- monitor early detection, evaluate the effectiveness of cancer control programs and identify areas in need of public health interventions;
- determine how Alaska compares with the rest of the Nation; and
- provide a database and serve as a resource for health planners, medical professionals, researchers and others concerned about cancer.

The registry operates under several statutes and regulations required for compliance with the Cancer Registries Amendment Act, Public Law 102-515: Alaska Administrative Code 7 AAC 27.011 - Reporting of cancer and brain tumors, and Alaska Statutes Sec. 18.05.042 - Access to health care records.

DATES/FREQUENCY OF DATA COLLECTION:
Data collection has been ongoing since 1996 and data are continuously received from healthcare providers. Data for each diagnosis year are over 95% complete and for most years are close to 100% complete.

IDENTIFICATION OF RACE/ETHNICITY:
Data are available aggregated by race categories of White, Black, Alaska Native/American Indian, and Asian/Pacific Islander. Data are available aggregated by ethnicity categories of Hispanic and non-Hispanic.

David O’Brien, PhD
Public Health Data Analyst
Cancer Prevention and Control Program
Health Analytics and Vital Records Section(HAVRS)
Alaska Department of Health and Social Services
3601 C Street, Suite 250
Anchorage, Alaska 99503
Phone: (907) 269-8047
Email: david.obrien@alaska.gov

LINKS:
Alaska Cancer Registry Website:
http://dhss.alaska.gov/dph/VitalStats/Pages/Cancer/registry.aspx

DATA REQUESTS AND DATABASE ACCESS:
Aggregated statistics are available on the ACR website under the section titled “Data and Statistics”. Resources here include summary data reports; tables of incidence and mortality data aggregated by year, sex, race, and borough/census area; and links to national cancer data websites. Aggregated statistics not found in these resources are available by request by filling out a data request form. De-identified datasets for research projects approved by an Institutional Review Board (IRB) are available by filling out a data use for research application. Database access is limited to Alaska Cancer Registry staff. For more information, contact ACR at cancer@alaska.gov.

TOPICS:
Cancer diagnosis  Cancer treatment
Cancer incidence  Early detection
Cancer mortality  Patient demographics
Cancer survival

LIMITATIONS:
One limitation of the registry is that data are suppressed when the number of cases is less than 6.
**ALASKA PUBLIC HEALTH DATA SOURCE:**  
Alaska Drowning Surveillance System (AKDSS)

**PURPOSE:**  
The Alaska Drowning Surveillance System (AKDSS) tracks all drowning deaths that occur in Alaska. The system collects demographic information on the victim, including name, race, age, body status (recovered or not recovered), alcohol and drug use at the time of the event, personal floatation device (PFD) use at the time of the event, and primary and contributory causes of death. It also collects information regarding the event, including the water type (e.g., ocean, lake), the activity in which the victim was engaging (e.g., boating, swimming), the primary circumstances of the drowning e.g., aircraft crash, fall through ice), and any contributing factors that played a role in the death (e.g., weather conditions, thin ice). This system, along with the Alaska Violent Death Reporting System (AKVDRS) and the Alaska Occupational Injury databases, allow for a comprehensive picture of Alaska’s drowning deaths.

**DATES/FREQUENCY OF DATA COLLECTION:**  
Data collection has been ongoing since 2000.

**IDENTIFICATION OF RACE/ETHNICITY:**  
Categories for race in the dataset are as follows: White, American Indian/Alaska Native, Black/African American, Asian, Native Hawaiian/Pacific Islander, Other (specify), and Unknown. The data system also collects information on Hispanic origin.

**CONTACT:**  
Deborah Hull-Jilly, MPH, CLS  
Injury Surveillance Program Manager  
Section of Epidemiology, Division of Public Health, Alaska Department of Health and Social Services  
3601 C Street, Suite 540  
Anchorage, Alaska 99503  
Phone: (907) 269-8078  
Email:

**LINKS:**  
Drowning Surveillance Website:  
[Under construction](#)  
Epi Bulletin on Drowning Deaths:  

**DATA REQUESTS AND DATABASE ACCESS:**  
Data requests can be directed to the Injury Surveillance Program by email at epi-injury@alaska.gov or by phone at (907)269-8000.

**TOPICS:**  
Boating  
Drowning  
Falls through ice  
Fishing accidents  
Flooding  
Open water  
Personal floatation device (PFD) use  
Swimming
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Epidemiology Bulletin

PURPOSE:
The Alaska Epidemiology Bulletin provides information on emerging and longstanding issues of public health importance in Alaska in the form of published reports. Publication of the Epidemiology Bulletin is overseen by the Section of Epidemiology within the Alaska Division of Public Health; however, authorship of Epidemiology Bulletin publications extends across Alaska’s medical and public health community. Epidemiology Bulletin publications are available on a wide range of topics, including but not limited to infectious disease surveillance, substance misuse, emergency response, and screening and vaccine recommendations.

DATES/FREQUENCY OF DATA COLLECTION:
Alaska Epidemiology Bulletin publications are ongoing. Archived reports from 1974 forward can be accessed from the Bulletin Index at the site provided in the ‘Links’ section.

IDENTIFICATION OF RACE/ETHNICITY:
The inclusion of data breakouts by race varies by Epidemiology Bulletin publication.

CONTACT:
Section of Epidemiology
Division of Public Health
Alaska Department of Health and Social Services
3601 C Street, Suite 540
Anchorage, AK 99503
Phone: (907) 269-8000

LINKS:
Alaska Epidemiology Bulletin Index: http://epibulletins.dhss.alaska.gov/

DATA REQUESTS AND DATABASE ACCESS:
Alaska Epidemiology Bulletin publications are available to the public at the website provided. Use of these reports and the data therein does not require a data request.

TOPICS:
Reports have been published on a wide range of topics. See the Bulletin Index, List by Category for a list of Epidemiology Bulletin topics.

LIMITATIONS:
Users should be aware of publication dates when referencing Epidemiology Bulletin publications. Older reports that were accurate/up to date at their time of release may not reflect current practice or recommendations.
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Firearm Injury Report Surveillance System (AKFIRSS)

PURPOSE:
The Alaska Firearm Injury Report Surveillance System tracks firearm injuries occurring in Alaska through reports from health care providers and supporting documents, such as newspaper articles, trooper dispatches, and other media sources. Firearm injuries include those inflicted by a handgun, long gun (e.g., rifle, shotgun), pellet gun, BB gun, or paintball gun. Under Alaska State Statute 7AAC 27.013, all health care providers who diagnose or provide treatment for a patient with a firearm injury must complete a Firearm Injury Report Form and return it to the Alaska Section of Epidemiology within five working days. Firearm Injury Report Forms collect information on the firearm injury victim, including demographic and treatment information, and details on the injury event, including the injury intent, relationship between victim and shooter, involvement of drugs or alcohol, and other circumstance information. Data from these forms is entered into the AKFIRSS and supplemented with information from other sources (e.g., newspaper reports, trooper dispatches, etc.) when available. Information from the AKFIRSS helps us to better understand the scope and circumstances of firearm injury in Alaska and improve efforts to prevent these injuries.

DATES/FREQUENCY OF DATA COLLECTION:
Data collection has been ongoing since 2003; however, due to programmatic changes (i.e., changes to the reporting form, location of the form on the web, etc.) in 2012, data are more complete for 2012 forward.

IDENTIFICATION OF RACE/ETHNICITY:
The reporting form includes check box categories for race as follows: White, Black, Asian/Pacific Islander, American Indian/Alaska Native, Other (specify), and Unknown. Check box categories for ethnicity are as follows: Hispanic, Non-Hispanic, and Unknown.

LIMITATIONS:
Although it is state law for health care providers to report firearm injuries to the state, AKFIRSS is limited by provider compliance.

TOPICS:
Assault       Hunting       Suicide       Violence
Accidental injuries  Shootings   Substance use  Weapon cleaning
Child playing with weapon  Firearm injuries  Gunshot wounds  Hospitalizations
Firearm types  Gunshot wounds  Hospitalizations

LINKS:
Alaska Injury Surveillance Program (ISP) Firearm Injury Surveillance Webpage:
http://dhss.alaska.gov/dph/Epi/injury/Pages/Firearm-Injuries.aspx

Epidemiology Bulletin: Firearm Injuries in Alaska, 2009–2015:

Firearm Injury Report Form:

DATA REQUESTS AND DATABASE ACCESS:
Data requests can be directed to the Injury Surveillance Program by email at epi-injury@alaska.gov or by phone at (907)269 -8000.
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Lead Surveillance Program

PURPOSE:
Alaska has a comprehensive statewide blood lead surveillance program and targeted screening program to identify and control sources of lead exposure and assist in the medical management of patients with elevated blood lead levels (BLLs). In Alaska, elevated lead levels are found mostly in adults, usually as a result of mining occupations, casting of lead bullets or fishing weights, or exposure in shooting ranges. Present efforts are being directed towards universal screening of Medicaid eligible children and targeted screening of other populations potentially at risk for elevated lead exposures. These include occupational and non-occupational exposures. In Alaska, follow-up investigations are conducted for children under age 18 when the initial BLL is 5 µg/dL or higher and for adults when the initial BLL is 25 µg/dL or higher. For occupational exposures, OSHA (Occupational Safety and Health Administration) requires follow-ups when BLLs exceed 40 µg/dL.

DATES/FREQUENCY OF DATA COLLECTION:
Ongoing mandatory reporting since 1996, summarized quarterly and annually.

IDENTIFICATION OF RACE/ETHNICITY:
Infrequently reported

CONTACT:
Stacey Cooper
Environmental Public Health Program
Section of Epidemiology
Division of Public Health
Alaska Department of Health and Social Services
3601 C St Suite 540
Anchorage, AK 99503
Phone: (907) 269-8000
Email: stacey.cooper@alaska.gov

LINKS:
Lead Surveillance Program Website: http://dhss.alaska.gov/dph/Epi/eph/Pages/lead/default.aspx

DATA REQUESTS AND DATABASE ACCESS:
For data requests that cannot be satisfied through the available links or to learn how to obtain copies of program data, contact the Lead Surveillance Database coordinators at (907) 269-8000 or eph@alaska.gov.

TOPICS:
Lead exposure
Blood lead screening
Blood lead testing
Patient and health care provider follow-ups
Health education

LIMITATIONS:
This surveillance program depends on health care provider collection of blood samples for lead testing. The population is not screened in a systematic method that aims to collect a representative sample by region, sex, community, race, or socioeconomic status.
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Occupational Disease and Injury Surveillance System (AKODISS)

PURPOSE:
The Alaska Occupational Disease and Injury Surveillance System tracks instances of occupational injury and illness occurring in Alaska through reports from health care providers. In doing so, the system allows us to better understand workplace hazards and how they occur in order to improve safety conditions for all Alaska workers.

Under Alaska State Statute 7AAC 27.017, all health care providers who attend to a patient with a severe injury or disease that is known or suspected to be a result of the patient’s occupation or work activities must make a report within 5 working days. Diseases can include pneumoconiosis requiring hospitalization, poisoning, or other events. Injuries can include amputations and thermal, electrical, or penetrating injuries that require hospitalization. The Occupational Disease and Injury Report Form collects information about the patient, including patient name, date of birth, sex, race, ethnicity, residence, occupation, and industry. In the case of occupational disease, it collects information on the patient’s diagnosis, the date of onset of the illness, the exposure route, and the reason for exposure (intentional, environmental, etc.). In the case of occupational injury, it collects information on the type and location of the injury, as well as the circumstances surrounding the injury event. In both cases, the form records how the patient was treated (hospitalized, treated in ER, outpatient, etc.) and the patient’s final disposition. The information from these forms is collected and entered into the AKODISS database.

DATES/FREQUENCY OF DATA COLLECTION:
Occupational injury data from the Fatality Assessment and Control Evaluation (FACE) program are available as far back as 1992. Data collection on occupational injury and illness has been ongoing since that time.

IDENTIFICATION OF RACE/ETHNICITY:
Reporting form includes check box categories for race as follows: White, Black, Asian/Pacific Islander, American Indian/Alaska Native, Other (specify), and Unknown. Check box categories for ethnicity are as follows: Hispanic, Non-Hispanic, and Unknown.

CONTACT:
Deborah Hull-Jilly, MPH, CLS
Injury Surveillance Program Manager
Section of Epidemiology, Division of Public Health
Alaska Department of Health and Social Services
3601 C Street, Suite 540
Anchorage, AK 99503
Phone: (907) 269-8078
Email: deborah.hull-jilly@alaska.gov

LINKS:

DATA REQUESTS AND DATABASE ACCESS:
Data requests can be directed to the Injury Surveillance Program by phone at (907)269-8000 or by email at epi-injury@alaska.gov.

TOPICS:
- Amputation
- Animal bites
- Insect bites
- Electrical injuries
- Environmental exposure
- Hospitalizations
- Occupational Illness
- Occupational Injury
- Penetrating injuries
- Poisonings
- Pneumoconiosis
- Thermal injuries

LIMITATIONS:
Although it is state law for health care providers to report illnesses and injuries suspected to have resulted from the patient’s work activities to the state, the system is limited by provider compliance.
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Opioid Data Dashboard

PURPOSE:
During the national opioid epidemic, the Alaska Opioid Data Dashboard was developed to provide timely (i.e., month-by-month) information on the state of the epidemic in Alaska and the efforts underway to address it. The first page of the dashboard presents a scorecard for quick summary statistics on opioid-related outcomes, intervention, and prevention in Alaska. Subsequent pages of the dashboard present more detailed data on these indicators with breakouts such as region, age, and sex.

DATES/FREQUENCY OF DATA COLLECTION:
Data are presented over the most recent 12-month period available.

IDENTIFICATION OF RACE/ETHNICITY:
Race breakouts are available for some, but not all, indicators in the dashboard.

CONTACT:
Office of Substance Misuse and Addiction Prevention
Alaska Department of Health and Social Services
3601 C Street, Suite 790
Anchorage, AK 99503
Phone: (907) 334-2602
Email: OSMAP@alaska.gov

LINKS:
Alaska Opioid Data Dashboard:
http://dhss.alaska.gov/dph/Director/Pages/opioids/home.aspx

DATA REQUESTS AND DATABASE ACCESS:
The Alaska Opioid Data Dashboard is available for public use at the link provided. Use of the dashboard and data therein does not require a data request.

TOPICS:
Drug disposal bag distribution
Law enforcement arrests and drug seizures
Naloxone distribution
Neonatal abstinence syndrome (NAS)
Opioid-related emergency department visits
Opioid-related overdose deaths
Opioid scorecard
Prescription Drug Monitoring Program (PDMP) participation
Project HOPE
Therapeutic court referrals

LIMITATIONS:
Data in the Alaska Opioid Data Dashboard are preliminary and subject to change without notice.
Welcome to Alaska’s interactive opioid data dashboard. The goal of this dashboard is to provide month-by-month information on the statewide opioid epidemic. Click on the tabs above to navigate through the data and learn more about each measure. Utilize the “Scorecard” below for quick summary statistics.

For this dashboard tool, data are presented for the most recent 12-month period only. The data are preliminary and subject to change without notice. Epidemiological methods will be necessary to evaluate data in further detail and to accurately assess trends.

### Alaska Opioid Scorecard

#### Preliminary Data

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>Date Range</th>
<th>Most recent month</th>
<th>Same month</th>
<th>Previous month</th>
<th>Average</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overdose emergency department visits (per 10,000 visits)</td>
<td>1/1/2018 - 12/31/2018</td>
<td>10.0</td>
<td>12.4</td>
<td>16.3</td>
<td>14.6</td>
<td>415</td>
</tr>
<tr>
<td>Neonatal abstinence syndrome[^1]</td>
<td>7/1/2017 - 6/30/2018</td>
<td>9</td>
<td>14</td>
<td>34</td>
<td>12</td>
<td>142</td>
</tr>
<tr>
<td>Overdose deaths</td>
<td>1/1/2018 - 12/31/2018</td>
<td>5</td>
<td>12</td>
<td>7</td>
<td>5</td>
<td>58</td>
</tr>
</tbody>
</table>

#### Law Enforcement

<table>
<thead>
<tr>
<th>Arrests</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cases initiated resulting in drug seizure</td>
<td>3/1/2017 - 10/31/2018</td>
</tr>
<tr>
<td>Therapeutic court referrals</td>
<td>3/1/2017 - 10/31/2018</td>
</tr>
</tbody>
</table>

#### Prescription Drug[^2]

| Total number of providers registered with POMP | 1/1/2018 - 12/31/2018 | 6,838 | 5,729 | 6,794 | 6,260 | 114 |
| Number of new providers registered with POMP | 1/1/2018 - 12/31/2018 | 54 | 228 | 236 | 90 | 1,079 |
| Number of prescriptions (II-IV) entered into POMP | 1/1/2018 - 12/31/2018 | 38,459 | 41,752 | 38,329 | 40,635 | 487,817 |
| Number of PDMP patient profile requests | 1/1/2018 - 12/31/2018 | 58,839 | 47,444 | 45,302 | 50,724 | 608,689 |

#### Intervention

| Naloxone doses administered by EMS/Law Enforcement[^3] | 1/1/2018 - 12/31/2018 | 29 | 52 | 45 | 31 | 376 |
| Project HOPE Narcan Kits built & distributed | 8/1/2017 - 7/31/2018 | 470 | 500 | 880 | N/A | 9,658 |
| Project HOPE Narcan kits distributed | 8/1/2017 - 7/31/2018 | 885 | 505 | 138 | N/A | 7,243 |
| Opioid response programs that can distribute naloxone | 8/1/2017 - 7/31/2018 | 1 | 1 | 0 | N/A | 16 |

#### Prevention

| Drug disposal bags distributed[^5] | 8/1/2017 - 7/31/2018 | 385 | 1,010 | 2,912 | N/A | 12,335 |

---

[^1]: Data available quarterly
[^2]: The Prescription Drug Monitoring Program (POMP) is Alaska’s solution for monitoring Schedule II-IV controlled substances dispensed in the state. Medical providers who register can search/request information about a patient’s prescription history.
[^3]: NURORA = Law Enforcement data
[^4]: Due to technical issues with EMS reporting system, numbers for Nov 2017 do not include Anchorage.
[^5]: Drug disposal bags allow for the disposal of unused prescriptions by neutralizing the medications with just a few ounces of water.
**Alaska Population Estimates Program**

**ALASKA PUBLIC HEALTH DATA SOURCE:**
Alaska Population Estimates Program

**PURPOSE:**
The Alaska Population Estimates Program produces annual total population estimates for hundreds of areas in the state, including boroughs and census areas, cities and places, census tracts, Alaska Native Regional Corporations, School Districts, and Legislative Districts. Annual population estimates are broken down by age, sex, race and Hispanic origin for the state, as well as all boroughs and census areas. Annual population estimates are broken down by age and sex for all cities and places with population of 1,000 or more. Population data are used for statutes related to matching funds, budget reserve, business licensing, health facility allocations, power cost equalization, regional educational attendance area (REAA) designations, revenue sharing, rural designations, transportation plans, and other areas.

Data collection is performed using a combination of census data, annual Alaska Permanent Fund Dividend (PFD) applications, and surveys of military and group quarters populations. As a result, there is a high degree of participation, and the population estimates produced by the Alaska Population Estimates Program are more detailed, reliable, and timely than those provided by any other organization.

**DATES/FREQUENCY OF DATA COLLECTION:**
Totals, as well as data by age and sex, are released and posted on the Web each January. Data by race and Hispanic origin are released and posted on the Web each August.

**IDENTIFICATION OF RACE/ETHNICITY:**
Web-posted data on race and ethnicity include race alone and race alone or in combination with one or more other races (these follow the Federal 1997 OMB standard), and bridged race categories (these follow the Federal 1977 OMB standard) are available upon request.

**CONTACT:**
David Howell  
State Demographer  
Research and Analysis Section  
Alaska Dept. of Labor and Workforce Development  
3301 Eagle St. Suite 202  
Anchorage, AK 99503  
Phone: (907) 269-6029  
Email: david.howell@alaska.gov

**LINKS:**
Alaska Population Estimates Program Website:  
http://live.laborstats.alaska.gov/pop/index.cfm

**DATA REQUESTS AND DATABASE ACCESS:**
All data by age, sex, race and ethnicity are posted on the Web, except "bridged" race categories (these follow the Federal 1977 OMB standard), which are available upon request.

**TOPICS:**
Census  
Population

**LIMITATIONS:**
Race data are only available down to the borough and census area level. Age and sex data for small areas (census tracts, and cities and places of less than 1,000 people) are not available.
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Population Projections Program

PURPOSE:
The Alaska Population Projections Program produces biennial projections by age, sex, and race (Alaska Native or non-Alaska Native) for the state. Biennial population projections by age and sex are produced for all boroughs and census areas. These projections are released in April of years ending with an even number, and are used by various state, local, and private organizations for research and planning purposes. Input data for the population projections models include population estimates, vital statistics data, and PFD-based migration data. As a result, the projections are unbiased. No other organization regularly publishes population projections for Alaska and its regions.

CONTACT:
David Howell
State Demographer
Research and Analysis Section
Alaska Depart. of Labor and Workforce Development
3301 Eagle St Suite 202
Phone: (907) 269-6029
Email: david.howell@alaska.gov

DATES/FREQUENCY OF DATA COLLECTION:
Released biennially in April of years ending with an even number.

IDENTIFICATION OF RACE/ETHNICITY:
Statewide Alaska Native alone or in combination with one or more races (1997 OMB Standard) are provided.

LINKS:
Alaska Population Projections Program Website:
http://live.laborstats.alaska.gov/pop/projections.cfm

Alaska Population Projections, 2019 – 2045:
http://live.laborstats.alaska.gov/pop/projections.cfm

DATA REQUESTS AND DATABASE ACCESS:
All data by age, sex, and race (Alaska Native or non-native) are posted on the Web.

TOPICS:
Population
Projection models

LIMITATIONS:
The main limitation of the Alaska Population Projections Program is that population projections are inherently uncertain.
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Statewide Hair Mercury Biomonitoring Program

PURPOSE:
The Alaska Statewide Hair Mercury Biomonitoring Program was developed in 2002 to collect information on mercury exposures among women of childbearing age in Alaska. The program offers free, confidential hair mercury testing to all women of childbearing age and children in Alaska.

At high doses, mercury can harm the brain and nervous system of a developing fetus or young child. Most people are exposed to mercury through eating seafood, especially fish. Because methylmercury increases up the food chain, most exposure occurs through consumption of larger, predatory fish and marine mammals. Although Alaska has some of the cleanest fish in the world, some fish species have mercury levels of potential health concern if eaten in large quantities by pregnant or breastfeeding women or young children. The Alaska Statewide Hair Mercury Biomonitoring Program enables women to determine their own mercury levels and learn whether dietary changes are needed to reduce their mercury exposure.

Hair mercury testing can be performed in a matter of minutes and is available at the Environmental Public Health Program office in Anchorage. Hair collection kits can also be ordered from the Environmental Public Health Program to perform testing in other locations. Testing consists of cutting a small section of hair from the back of the head near the scalp, placing the hair sample in a labeled zip-lock bag, and sending the sample to the public health lab in a pre-addressed stamped envelope. Participants receive the results by mail usually within one month of the lab receiving the sample. The Environmental Public Health Program performs follow up activities to investigate hair mercury levels over 5 parts per million (ppm) and assists in devising strategies to reduce further exposure.

DATES/FREQUENCY OF DATA COLLECTION:
Data collection has been ongoing since 2002.

CONTACT:
Stacey Cooper (907-269-8016); Sarah Yoder (907-269-8054)
Environmental Public Health Program
Section of Epidemiology
Division of Public Health
Alaska Department of Health and Social Services
3601 C Street, Suite 540
Anchorage, AK 99503
Phone: (907) 269-8000
Email: stacey.cooper@alaska.gov; sarah.yoder@alaska.gov

LINKS:
Alaska Statewide Hair Mercury Biomonitoring Program Website:
http://dhss.alaska.gov/dph/Epi/eph/Pages/biom/default.aspx
Program Brochure:
Latest Epidemiology Bulletin describing the Program:

DATA REQUESTS AND DATABASE ACCESS:
For data requests that cannot be satisfied through the available links or to learn how to obtain copies of program data, contact the Environmental Public Health Program at (907)269-8000 or eph@alaska.gov.

TOPICS:
Mercury exposure
Hair mercury screening
Hair mercury testing
Patient and health care provider follow-ups
Health education

LIMITATIONS:
The population is not screened in a systematic method that aims to collect a representative sample by region, sex, community, race, or socioeconomic status.
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Surveillance, Tracking, and Reporting System (AK-STARS)

PURPOSE:
AK-STARS is the database for all non-STD/HIV infectious reportable conditions that are reported to the Section of Epidemiology (SOE) under Alaska Administrative Codes 7 AAC 27.005 and 7 AAC 27.007. Electronic laboratory results, which are generated by hospitals that belong to the Alaska Health Information Exchange (HIE) and other connected laboratories, flow into this database. Data are at the individual patient level and could contain demographics, lab test information, certain risk factor data, and a limited number of environmental conditions (e.g., blood lead). The database contains statewide data and may include data on persons diagnosed in Alaska but who are residents elsewhere. Regular case notification messages are sent to CDC to populate the MMWR reports of nationally notifiable diseases for Alaska.

DATES/FREQUENCY OF DATA COLLECTION:
AK-STARS was generally brought online in 2012; however, dates of available data vary by condition. For instance, the database contains all historical Botulism cases, but this is not true of every condition. Additionally, data reliability has changed dramatically over time. For instance, tuberculosis data is most reliable for 2015 forward, but this varies widely by condition. Increasing tech capabilities at hospitals combined with Meaningful Use incentives mean that many more facilities have come online in the past several years, and therefore the proportion of automatic electronic reporting vs faxed paper reporting has shifted dramatically.

IDENTIFICATION OF RACE/ETHNICITY:
Race information is collected via the electronic medical record or infectious condition report, or via patient interviews.

CONTACT:
Megan Tompkins, MPH
Information System Coordinator
Infectious Disease Program
Section of Epidemiology, Division of Public Health
Alaska Department of Health and Social Services
3601 C St Suite 540
Anchorage, AK 99503
Phone: (907) 269-8014
Email: megan.tompkins@alaska.gov

LINKS:
Infectious Disease Program Website:
http://dhss.alaska.gov/dph/Epi/Pages/default.aspx

CDC MMWR Reports:
https://www.cdc.gov/mmwr/index.html

Recent Reports:
Infectious Disease Report (Annual):

Tuberculosis (TB) Report (Annual):

Alaska Vaccine-Preventable Disease (VPD) Surveillance Report (Quarterly):
http://dhss.alaska.gov/dph/Epi/id/SiteAssets/Pages/VPD/AKVPDQtrSurvReport.pdf

DATA REQUESTS AND DATABASE ACCESS:
Datasets can be requested through the SOE Data Request procedure, detailed here:
TOPICS:
AK-STARS includes data on all non-STD/HIV infectious reportable conditions reported to the Section of Epidemiology under Alaska Administrative Codes 7 AAC 27.005 and 7 AAC 27.007. For a full list of reportable conditions, see http://dhss.alaska.gov/dph/Epi/Documents/pubs/conditions/ConditionsReportable.pdf#page=8.

LIMITATIONS:
Data are for those conditions/cases reported to the SOE. However, if 10 cases of pertussis are reported to the SOE in a year, it does not mean that only 10 cases of pertussis existed in Alaska during that year. Certain diseases are more likely than others to come to the attention of health care providers and be subsequently lab-confirmed and/or reported. As a result, reported counts likely represent the lower end of the burden of these infectious diseases in Alaska.
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Trauma Registry (ATR)

PURPOSE:
The Alaska Trauma Registry collects information on the most seriously injured patients in Alaska and the treatment they have received. The information is used to evaluate the quality of trauma patient care, monitor serious injury, and inform injury prevention and trauma system development. It is also used by other agencies and individuals for research and education purposes, EMS training, and public policy development.

Since 1991, the Alaska Trauma Registry has collected data from all 24 (22 civilian and 2 Department of Defense) acute care hospitals. Patients are included in the registry if they are admitted to an Alaska hospital, held for observation, transferred to another acute care facility, declared dead in the emergency department, or left against medical advice (in cases in which they would have been admitted), and for whom contact occurred within 30 days of the injury. Injuries included are due to trauma, poisoning*, suffocation, and the effects of reduced temperatures, in addition to other underlying causes.

Data collected in the registry include patient demographics, circumstances of the injury event, patient transport, treatment, and outcomes. Data are collected through the abstraction of medical records by trained staff at the medical facility itself. Hospitals are able to track their patients concurrently or retrospectively, as long as the data are submitted in accordance with the Alaska Statute 7AAC 26 745.

DATES/FREQUENCY OF DATA COLLECTION:
Data collection has been ongoing since 1991. Data are summarized annually or in custom time periods.

IDENTIFICATION OF RACE/ETHNICITY:
Race information in the ATR is as reported by the health care facility. Multiple patient races can be reported.

CONTACT:
Wendy Allen, RN
Trauma Program Manager
Section of Rural and Community Health Systems
Division of Public Health
Alaska Department of Health and Social Services
3601 C Street, Suite 424
Anchorage, AK 99503
Phone: (907) 764-4306
Email: wendy.allen@alaska.gov

LINKS:
Alaska Trauma Registry Website:
http://dhss.alaska.gov/dph/Emergency/Pages/trauma/registry.aspx

*Note: Beginning January 1, 2011, the Alaska Trauma Registry (ATR) discontinued data collection on adult poisonings, with the exception of work-related and non-intentional inhalation poisonings. Data on poisonings among adolescents (≤17 years) continue to be collected.
DATA REQUESTS AND DATABASE ACCESS:
Trauma care and trauma system research is best performed using data directly from the database (unmatched admissions). This information is specifically for the Trauma System Review Committee. Injury research and surveillance is best performed using data that has multiple admissions matched (separated out by first, second, and third admission), so as to have a unique count of injuries per patient-event. No identifying information on patients or providers will be released.

All data requests must be submitted to the ATR Manager for review. Any record-level requests for data must be accompanied by a “release of information” application, study proposal, a signed agreement, and will be granted by approval of the ATR Manager and/or the Trauma System Review Committee. Upon approval by the ATR Manager, and/or the Trauma Program Manager, and/or Trauma System Review Committee; the Trauma Registry has up to 30 business-days (excluding weekends and holidays), to complete a data request. Depending upon the complexity of the data request, more complex requests could lengthen this time period. This time period has the potential to be expedited for simpler data requests.

TOPICS:
- Adult maltreatment and neglect
- Animal bites
- Asphyxiation and strangulation
- Burns
- Cellulitis
- Child maltreatment syndrome
- Crashes
- Drowning and near drowning
- Electrocution
- Falls
- Foreign body injuries
- Frostbite
- Hospitalizations
- Hypothermia
- Insect bites
- Machinery injuries
- Overexertion
- Patient care
- Poisoning and toxic events
- Suffocation
- Traumatic Injuries

LIMITATIONS:
A limitation of the data system is that it only includes patients that meet the specific criteria. As a result, patients discharged from the emergency department (non-admissions) are not included in the ATR. This information can be found using Health Facilities Data Reporting (HFDR) Program data.
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Uniform Response Online Reporting Access (AURORA)

PURPOSE:
The Alaska Uniform Response Online Reporting Access system is the Alaska-based public patient care reporting database for certified Emergency Medical Service providers. AURORA has collected information since 2009 and has over 100,000 run reports by Alaskan EMS providers. It has Quality Improvement tools, pre-made reports and extended ability to write custom reports.

The data provided by AURORA allow the Alaska EMS system to:
• Advocate for funding more effectively
• Modify training programs to meet the needs of the EMS system
• Identify and anticipate trends in patient care so the EMS system can grow in a resource efficient manner
• Allow research and introspection that will improve emergency patient care and focus injury prevention activities
• Facilitate comparison of data with other systems

DATES/FREQUENCY OF DATA COLLECTION:
Data collection has been ongoing since 2009 and data are summarized annually.

IDENTIFICATION OF RACE/ETHNICITY:
Race information is as reported on the EMS run report.

CONTACT:
Tony Dugan
Data Manager, Office of Emergency Medical Services
Section of Rural and Community Health Systems
Division of Public Health
Alaska Department of Health and Social Services
3601 C Street, Suite 424
Anchorage, AK 99503
Phone: (907) 269-5024
Email: anthony.dugan@alaska.gov

http://emsdata.chems.alaska.gov/

EMS Office:
http://dhss.alaska.gov/dph/Emergency/Pages/ems/default.aspx

DATA REQUESTS AND DATABASE ACCESS:
Data requests can be directed to the data manager of the Office of Emergency Medical Services, Anthony Dugan, at anthony.dugan@alaska.gov.

TOPICS:
Trauma
Medical
Emergencies
Vital Signs
Overdoses
Unresponsive
Pediatrics

LIMITATIONS:
All information included in this system is HIPPA-protected. Access is limited to protect confidentiality but is also sent to NEMSIS.org in a protected process with public portal and state portal access.
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Violent Death Reporting System (AKVDRS)

PURPOSE:
The Alaska Violent Death Reporting System (AKVDRS) is part of the Centers for Disease Control and Prevention (CDC)’s state-based National Violent Death Reporting System (NVDRS). The AKVDRS has collected data since 2003. It uses a standardized procedure in which information on all Alaska residents and occurrent violent deaths are captured in a relational database. Violent deaths captured include suicide (or self-harm), homicide, legal intervention, unintentional firearm injury, overdose deaths, deaths due to undetermined intent, and deaths resulting from acts of terrorism. Key unique documents are accessed and abstracted for each case and include death certificates, medical examiner reports, toxicology reports, and law enforcement reports. Supplemental information includes court records and medical records. Abstractors consider all case information and assign a manner of death that best describes the incident, known as the abstractor-assigned manner of death. Data are analyzed using the abstractor-assigned manner of death per CDC guidelines. Information generated by the AKVDRS is critical for quantifying and tracking the public health burden associated with violence and identifying interventions to reduce this burden.

DATES/FREQUENCY OF DATA COLLECTION:
Data collection has been ongoing since 2003. Data are summarized annually or in custom time periods.

IDENTIFICATION OF RACE/ETHNICITY:
Race is as reported on the death certificate.

Deborah Hull-Jilly, MPH, CLS
Principal Investigator / Epidemiologist
AKVDRS Program
Section of Epidemiology, Division of Public Health, Alaska Department of Health and Social Services
3601 C Street, Suite 540
Anchorage, Alaska 99503
Phone: (907) 269-8078
Email: deborah.hull-jilly@alaska.gov

LINKS:
AKVDRS Website:
http://dhss.alaska.gov/dph/Epi/injury/Pages/akvdrs/default.aspx

Alaska Indicator-Based Information System (AK-IBIS) – AKVDRS Indicator Report:
http://ibis.dhss.alaska.gov/indicator/view/AKVDRS.html

Recent AKVDRS Epidemiology Bulletin reports:
AKVDRS Suicide Death Update – Alaska, 2012-2017

AKVDRS Violent Deaths Update – Alaska, 2016-2019

CDC NVDRS Website:
http://www.cdc.gov/violenceprevention/nvdrs/

CDC NVDRS Data Query Tool:
http://www.cdc.gov/injury/wisqars/nvdrs.html
DATA REQUESTS AND DATABASE ACCESS:
For data requests that cannot be satisfied through the available links, contact the AKVDRS Principal Investigator by phone at (907) 269-8078 or by email at deborah.hull-jilly@alaska.gov, or go to the Section of Epidemiology Confidentiality Policies and Procedures and Data Request Protocol (available here).

TOPICS:
Violent deaths occurring in Alaska, including suicides, homicides, legal interventions, unintentional firearm deaths, overdose deaths, and other deaths meeting CDC NVDRS guidelines
• Demographic characteristics of violent death victims
• Manner of death and details of Injury event (injury location, time of day, etc.)
• Circumstances surrounding violent death, including mental health and substance abuse history, relationship and life stressors, intimate partner violence, and substance use prior to death

LIMITATIONS:
Availability, completeness, and timeliness are dependent upon investigation and adjudication processes and information included in reports. Toxicology data are not routinely available for all alcohol and drug categories or for all victims of violent death. Protective factor data (i.e., circumstances and environmental factors that may reduce the risk for violent death) are available but limited. See the CDC NVDRS website for more information on abstracted elements.
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Vital Statistics

PURPOSE:
Alaska Vital Statistics data include all vital events that occur in Alaska, such as births, deaths, marriages, divorce, fetal death, Intentional Termination of Pregnancy (ITOP), and the Medical Marijuana Registry, which are all maintained by the Alaska Health Analytics and Vital Records Section. Data are comprised of administrative records dating from the late 1800s to the present, with various degrees of detail dependent on time period. For identification purposes and to ensure statistical reliability, the Health Analytics and Vital Records Section censors small counts (generally under 5).

DATES/FREQUENCY OF DATA COLLECTION:
Data collection has been ongoing since the late 1800s, with varying degrees of detail depending on time period.

IDENTIFICATION OF RACE/ETHNICITY:
Self-reported on certificates where requested

CONTACT:
Rebecca Topol
Chief/State Register
Health Analytics and Vital Records Section
Division of Public Health
Alaska Department of Health and Social Services
5441 Commercial Blvd
Juneau, AK 99801
Phone: (907) 465-8604
Email: rebecca.topol@alaska.gov
or HealthAnalytics@alaska.gov

Health Analytics and Vital Records Website: http://dhss.alaska.gov/dph/VitalStats/Pages/default.aspx

Data and Statistics webpage: http://dhss.alaska.gov/dph/VitalStats/Pages/data/default.aspx

DATA REQUESTS AND DATABASE ACCESS:
Additional information on vital statistics data is available by special request. There is a $75/hour fee for special research requests. For more information, please contact us at:
Phone: (907) 465-8604
Fax: (907) 465-4689
E-mail: HealthAnalytics@alaska.gov

TOPICS:
Birth
Death
Divorce
Fetal death
Intentional Termination of Pregnancy (ITOP)
Marriage
Medical Marijuana
Vital records

LINKS:
**ALASKA PUBLIC HEALTH DATA SOURCE:**
Alaska Workers’ Compensation Data

**PURPOSE:**
Workers’ compensation is a state-mandated insurance program that provides medical, indemnity, reemployment, legal, and other benefits to employees who experience a work-related injury or illness. In Alaska, benefits and obligations of employers and employees with respect to work-related injuries and illnesses are outlined in the Alaska Worker’s Compensation Act. Alaska workers’ compensation datasets contain de-identified information on work-related injury and illness cases filed with state workers’ compensation, including the cause of the injury/illness and the occupation and industry in which the worker was employed at the time of the accident. As a result, these datasets provide useful information to identify work-related hazards across industries and occupations and inform workplace safety programs.

**DATES/FREQUENCY OF DATA COLLECTION:**
Data are available from 2013 forward.

**IDENTIFICATION OF RACE/ETHNICITY:**
Race information is not collected.

**CONTACT:**
Alexis Hildebrand
Division of Workers’ Compensation
Alaska Department of Labor and Workforce Development
1111 W 8th Street, Rm 305
Juneau AK 99801
Phone: (907) 465-6059
Email: alexis.hildebrand@alaska.gov

**LINKS:**
Alaska workers’ compensation website:
http://labor.alaska.gov/wc/

**DATA REQUESTS AND DATABASE ACCESS:**
Access to the Alaska Worker’s Compensation data file is highly restricted by the State. To obtain access to workers’ compensation data, researchers should contact the Alaska Division of Workers’ Compensation and work with staff to form the partnerships and legal agreements necessary to use the data.

**TOPICS:**
Work-related injuries
Work-related illnesses

**LIMITATIONS:**
State workers’ compensation systems generally do not cover all employees working in a state. For instance, federal employees, commercial fishermen, self-employed individuals, and a small number of other workers are not covered under the Alaska Workers’ Compensation Act.
ALASKA PUBLIC HEALTH DATA SOURCE:
Behavioral Risk Factor Surveillance System (BRFSS)

PURPOSE:
The Behavioral Risk Factor Surveillance System is the Centers for Disease Control and Prevention’s state-based public health surveillance system for adults (i.e., individuals 18 years of age and older). The Alaska BRFSS has collected information since 1991. It uses a random sample procedure in which all Alaskan households with a telephone (land-line or cellular) have a specific likelihood of being selected. Stratified random sampling is used to ensure regional representation. After being collected, data are weighted to assure a balanced representation of various subgroups and to reflect the total population of each area. The Alaska BRFSS program has also conducted a parallel surveillance survey since 2004 called the Supplemental Survey. It uses the same BRFSS methodology but focuses mainly on tobacco questions that are beyond the scope of BRFSS. This Supplemental Survey will be discontinued in 2021. Plans are in place to ensure needed data continue to be collected.

DATES/FREQUENCY OF DATA COLLECTION:
Data collection has been ongoing since 1991 and is reported annually.

IDENTIFICATION OF RACE/ETHNICITY:
Data are available in bridged race categories.

CONTACT:
Jodi Barnett
BRFSS Coordinator, HPMIII
Phone: (907) 269-8127
Email: jodi.barnett@alaska.gov

Jessica Barker
Public Health Data Analyst
Phone: (907)465-8234
Email: jessica.barker@alaska.gov

Section of Chronic Disease Prevention and Health Promotion,
Division of Public Health,
Alaska Dept. of Health and Social Services

LINKS:
AK BRFSS Website:
http://dhss.alaska.gov/dph/Chronic/Pages/brfss/default.aspx

Alaska Indicator-Based Information System (AK-IBIS) (Updated through 2018) – Indicator Reports:
http://ibis.dhss.alaska.gov/indicator/Introduction.html

Alaska Indicator-Based Information System (AK-IBIS) – BRFSS Query Module (Updated through 2018):

BRFSS InstantAtlas™ Health Maps:
http://dhss.alaska.gov/dph/InfoCenter/Pages/ia/brfss/maps.aspx

CDC BRFSS Website: http://www.cdc.gov/brfss/

DATA REQUESTS AND DATABASE ACCESS:
For data requests that cannot be satisfied through the available links or to learn how to obtain copies of the BRFSS data files, contact the BRFSS Program Manager by calling (907) 269-8127 or emailing BRFSS@alaska.gov.

TOPICS:
Adverse Childhood Experiences (ACEs) HIV/AIDS
Alcohol consumption Immunization
Anxiety and depression Injury
Asthma Marijuana use
Cardiovascular disease Mental health
Cancer screening Nutrition
Chronic diseases Oral health
Diabetes Obesity
Disability Seatbelt use
Drinking and driving Sexual violence and intimate partner
Exercise Smokeless tobacco use
Falls Tobacco use
Food security Veteran's status
Health care access Women’s health
Healthy days
LIMITATIONS:
The main limitation of any telephone survey is that those people without phones cannot be reached and are not represented. This issue has been partially addressed since 2011 with the inclusion of cellular telephones.

In some cases, when responses are stratified by categories of interest, the denominator in one or more subgroups drops below 50, producing an unreliable result. For this reason, data from multiple years may be aggregated and reported as a multi-year annual average. This strategy reduces the impact of variations in the data between years and improves the precision of the prevalence estimates.
ALASKA PUBLIC HEALTH DATA SOURCE:
Boating Accident Report Database (BARD)

PURPOSE:
The Boating Accident Report Database collects information on boating accidents occurring in Alaska through reports from boat operators (or boat owners, if the operator is unable to file a report), supplemented with information from law enforcement reports. An operator of a boat used for non-commercial purposes or registered by the Alaska Department of Motor Vehicles is required to submit an Alaska Boating Accident Report to the Alaska Office of Boating Safety when involved in an accident that results in one or more of the following: loss of life or disappearance from a vessel, an injury which requires medical treatment beyond first aid, property damage in excess of $500, or complete loss of the vessel. Reports must be submitted within 48 hours for accidents that result in death, disappearance, or injury and must be submitted within 10 days for other accidents.

Information collected on Alaska Boating Accident Reports include details of the accident (e.g., date, time, location, accident description), relevant environmental factors (e.g., weather, water conditions, visibility), and other contributing factors (e.g., operator substance use, excessive speed, equipment failure). As a result, they provide useful information to identify underlying causes of boating accidents in Alaska and inform boating safety initiatives.

DATES/FREQUENCY OF DATA COLLECTION:
Data are available from 1998 forward. There was some improvement in data collection in 2004.

IDENTIFICATION OF RACE/ETHNICITY:
Race information is not collected on Alaska Boating Accident Reports.

CONTACT:
Joe McCullough
Office of Boating Safety
Division of Parks and Outdoor Recreation
Alaska Department of Natural Resources
550 W 7th Ave Suite 1380
Anchorage, AK 99501
Phone: (907) 269-8704
Email: joseph.mccullough@alaska.gov

LINKS:
Alaska Office of Boating Safety Website:
http://dnr.alaska.gov/parks/boating/index.htm

Alaska Boating Accident Report:
http://dnr.alaska.gov/parks/boating/boatingaccidentformsubmit.pdf

DATA REQUESTS AND DATABASE ACCESS:
Aggregate data summaries are provided upon request. De-identified case data may be available to some users with approval.

TOPICS:
Boating accidents
Boating collisions
Boating injuries
Boating fatalities
Capsizing
Environmental factors
Falls overboard
Personal floatation device (PFD) use
Property damage
Sailing
Substance use
ALASKA PUBLIC HEALTH DATA SOURCE:
Childhood Understanding Behaviors Survey (CUBS)

PURPOSE:
The Childhood Understanding Behaviors Survey is a three-year follow-up survey to the Alaska Pregnancy Risk-Assessment Monitoring System (PRAMS). CUBS sends a survey in the mail to all mothers living in Alaska who completed PRAMS after their pregnancy and whose infant was living with them at that time. Phone interviews are attempted with women who do not respond by mail. About 90 women are sent a CUBS survey every month. The CUBS program began sending out surveys as a three-year follow-up in 2008. CUBS asks questions about the 3-year-old child, the mother, and the household. CUBS seeks to inform public health program planners, evaluators, and policy makers by collecting and disseminating population-based information related to behaviors, health, health care access, parenting, and school readiness among young Alaskan children. By using the methodology of re-interviewing women who completed a PRAMS survey, CUBS is able to evaluate those factors present at birth or early life that increase risk for later adverse childhood outcomes. CUBS data can be linked to the PRAMS survey as well as birth certificates.

CUBS data are weighted to represent the entire population of mothers who delivered a baby in Alaska in the calendar year 3-years prior to the year of data collection. Data can be provided by geographic region (based on the mother’s residence at the time of CUBS) and demographic characteristics available from the birth certificate.

DATES/FREQUENCY OF DATA COLLECTION:
Data collection has been ongoing since 2008. Analysis datasets are available on an annual basis after data weighing is complete.

IDENTIFICATION OF RACE/ETHNICITY:
Race information is based on maternal race on birth certificates.

Margaret Young, MPH
CUBS Program Coordinator
Section of Women’s, Children’s and Family Health,
Division of Public Health
Alaska Department of Health and Social Services
3601 C Street, Suite 358
Anchorage, Alaska 99503
Phone: (907) 269-5657
Email: margaret.young@alaska.gov

LINKS:
CUBS Home Page:
http://dhss.alaska.gov/dph/wcfh/Pages/mchepi/cubs/default.aspx
CUBS Data Sheets:
http://dhss.alaska.gov/dph/wcfh/Pages/mchepi/cubs/data.aspx
Alaska Indicator-Based Information System for Public Health – CUBS Query Module:

This CUBS Data Source Definition in IBIS:
http://ibis.dhss.alaska.gov/topic/databases/CUBS.html

DATA REQUESTS AND DATABASE ACCESS:
For data requests that cannot be satisfied through the above links, contact the CUBS Coordinator, call (907) 269-3400, or email mch-epi@alaska.gov.

TOPICS:
Childcare
Child Life Experiences
Health & Development
Health Care
Injury
Immunizations
Maternal Mental Health, Abuse & Stress
Nutrition
Oral Health
Parenting & Safety
Socioeconomic Status
Substance Use
LIMITATIONS:
Population sampled: PRAMS samples mothers who have recently had a live birth. The CUBS survey is sent to all women who responded to PRAMS, whose child was living with them at the time of PRAMS, and who are still living in Alaska at the time of CUBS (one month after the child’s 3rd birthday).
Self-reporting: Some bias is expected from any survey based on self-reported information. The potential for under-reporting as well as over-reporting bias must be kept in mind when interpreting results.
Recall bias: Some CUBS questions ask the respondent to remember events or behaviors that may have happened since her child was born (3 years prior to receiving the survey).
Response rates: Survey response rates may also affect the potential for bias in the data.
Reliability: The reliability of a prevalence estimate depends on the actual, unweighted number of respondents in a category (not a weighted number). Interpreting and reporting weighted numbers that are based on a small, unweighted number of respondents can be misleading. The degree of precision increases if the sample size is larger and decreases if the sample size is smaller.
ALASKA PUBLIC HEALTH DATA SOURCE:
Chlamydia and Gonorrhea InstantAtlas™ Display

PURPOSE:
Alaska experiences a high burden of sexually transmitted disease. In 2017, Alaska experienced the highest rate of chlamydia in the nation and the second highest rate of gonorrhea in the nation.¹ The Chlamydia and Gonorrhea InstantAtlas™ Display allows users to explore rates of these diseases in Alaska using interactive maps, tables, bar charts, time series charts, and time series animations. Data are available across years, race, and Alaska Native Health Corporation Service Region to allow for investigations into trends and health disparities.


DATES/FREQUENCY OF DATA COLLECTION:
Rates of chlamydia and gonorrhea are available from 2001 forward.

IDENTIFICATION OF RACE/ETHNICITY:
Rates of chlamydia and gonorrhea are available for the following race categories:
American Indian/Alaska Native (AI/AN), White, Black, Asian, Pacific Islander, and Hispanic.

CONTACT:
Todd Broste
Information System Coordinator
Section of Epidemiology
Division of Public Health
Alaska Department of Health and Social Services
3601 C Street, Suite 540
Anchorage, AK 99503
Phone: (907) 269-8027
Email: todd.broste@alaska.gov

Chlamydia and Gonorrhea InstantAtlas™ Display:
http://epi.alaska.gov/hivstd/IA_STD/atlas.html

Alaska HIV/STD Program website:
http://dhss.alaska.gov/dph/Epi/hivstd/Pages/default.aspx

DATA REQUESTS AND DATABASE ACCESS:
The Chlamydia and Gonorrhea InstantAtlas™ Display is available for public use at the link provided. Use of the display and data therein does not require a data request.

TOPICS:
Chlamydia
Gonorrhea
Sexually transmitted diseases (STDs)

LIMITATIONS:
By policy, the Alaska Section of Epidemiology does not publish case counts that are under five in regions where the region population is small enough to jeopardize confidentiality.
Fatality Analysis Reporting System (FARS)

ALASKA PUBLIC HEALTH DATA SOURCE:
Fatality Analysis Reporting System (FARS)

PURPOSE:
FARS is a national data collection system that contains information on all known motor vehicle traffic crashes in which there was at least one fatality. For the purposes of the FARS program, a reportable fatality is a death that occurs within 30 days (or more precisely, 720 hours) of the motor vehicle traffic crash and is a direct result of the crash. Initial identification of fatalities under FARS often comes from police crash reports but may come from any available source. Detailed information on the circumstances of the crash and persons and vehicles involved are obtained from a wide variety of sources including police crash reports, driver licensing files, vehicle registration files, state highway department data, emergency medical services records, medical examiner/coroner reports, toxicology reports, and death certificates. Data are collected as each fatal crash and are typically available in the database 30-60 days after the crash event.

SPONSOR:
National Highway Transportation Safety Administration (NHTSA), through contract with the Alaska Highway Safety Office (AHSO)

DATES/FREQUENCY OF DATA COLLECTION:
Data collection has been ongoing since 1994.

IDENTIFICATION OF RACE/ETHNICITY:
Race is as reported on the death certificate.

Desiree Downey
Research Analyst III
Alaska Highway Safety Office
3132 Channel Drive
Juneau, AK 99801
Phone: (907) 465-8532
Email: dot.fars@alaska.gov

LINKS:
Alaska FARS Website:
http://www.dot.state.ak.us/highwaysafety/fars.shtml

DATA REQUESTS AND DATABASE ACCESS:
Access is limited to persons with credentials to the USDOT Crash Data Acquisition Network (CDAN). In Alaska, access is limited to the FARS Analyst. Queries (1994 to present) and reports can be generated at no cost by the analyst.

TOPICS:
Fatal Motor Vehicle Crash Fatalities

LIMITATIONS:
The data entered into FARS is only as complete and accurate as it is collected by law enforcement, EMS respondents, medical examiners, and state crime lab testing (in both Alaska and Washington). In addition, data for a calendar year is closed upon the end of the following calendar year (i.e., 2016 data will be finalized on 12/31/2017) and cannot be amended once closed.
ALASKA PUBLIC HEALTH DATA SOURCE:
Firearm Injury InstantAtlas™ Displays

PURPOSE:
Alaska experiences a high burden of firearm injury. Firearm Injury InstantAtlas™ Displays allow users to explore the extent of this burden over time through counts and rates of firearm-related emergency department (ED) visits, other outpatient service utilization, inpatient hospitalizations, and fatalities. Both intentional and unintentional firearm injuries are included in the displays, and data are presented using three regional breakouts (public health region, behavioral health region, and tribal health region) and three race breakouts (Statewide – Total, Statewide – White, and Statewide – Alaska Native) to illustrate potential disparities in firearm-related morbidity and mortality.

DATES/FREQUENCY OF DATA COLLECTION:
The range of data years available in the displays vary by indicator based on data source. Data on firearm-related ED visits, other outpatient service utilization, and inpatient hospitalizations are obtained from the Health Facilities Data Reporting (HFDR) program and are available from 2015 forward. Data on firearm-related fatalities are obtained from the Alaska Violent Death Reporting System (AKVDRS) and are available from 2009 forward.

IDENTIFICATION OF RACE/ETHNICITY:
Counts and rates are presented in the following breakout: Statewide – Total, Statewide – White, and Statewide – Alaska Native.

CONTACT:
Injury Surveillance Program
Section of Epidemiology
Division of Public Health
Alaska Department of Health and Social Services
3601 C Street, Suite 540
Anchorage, AK 99503
Email: epi-injury@alaska.gov


Direct Links to InstantAtlas™ Displays:
By behavioral health region: http://hss.state.ak.us/InstantAtlas/isp/firearminjury/bhs/atlas.html
By public health region: http://hss.state.ak.us/InstantAtlas/isp/firearminjury/apr/atlas.html
By tribal health region: http://hss.state.ak.us/InstantAtlas/isp/firearminjury/thr/atlas.html

DATA REQUESTS AND DATABASE ACCESS:
The Firearm Injury InstantAtlas™ displays are available for public use at the links provided. Use of the displays and data therein does not require a data request.

TOPICS:
Firearm injuries
Gunshot wounds
Firearm-related emergency department visits
Firearm-related outpatient services
Firearm-related hospitalizations
Firearm-related fatalities
Violence
Firearm Injuries in Alaska

Firearm-Related Fatalities >> Rates per 100,000 persons >> (2017)

Time Series Chart

For questions, comments, or help using this display, please contact ajinjury@alaska.gov and include 'InstantAtlas' in the subject line.
Fishermen’s Fund Data

ALASKA PUBLIC HEALTH DATA SOURCE:
Fishermen’s Fund Data

PURPOSE:
The Fishermen’s Fund provides for the treatment and care of Alaska licensed commercial fishermen who are injured while fishing on shore or offshore in Alaska. The program is overseen by the Alaska Department of Labor and Workforce Development, Division of Workers’ Compensation with assistance from the Fishermen’s Fund Advisory and Appeals Council. Benefits from the Fishermen’s Fund are financed from revenue received from each resident and nonresident commercial fisherman’s license and permit fee. Occupational illnesses or diseases which may be covered by Fishermen’s Fund include hernias, varicose veins of the leg; rheumatism, arthritis, musculoskeletal ailments such as bursitis, traumatic sciatica and tenosynovitis; and the respiratory diseases bronchitis, pneumonia, and pleurisy caused by or aggravated by the fishing endeavor.

DATES/FREQUENCY OF DATA COLLECTION:
Data are available from 1990 forward.

IDENTIFICATION OF RACE/ETHNICITY:
Race information is not collected in Fishermen’s Fund datasets.

CONTACT:
Velma Thomas
Division of Workers’ Compensation
Alaska Department of Labor and Workforce Development
1111 W 8th Street
Juneau AK 99801
Phone: (907) 465-6045
Email: velma.thomas@alaska.gov

LINKS:
Workers’ Compensation Fishermen’s Fund website: http://labor.state.ak.us/wc/ffund.htm

DATA REQUESTS AND DATABASE ACCESS:
De-identified case data are available to the public, with fees applied if data extraction takes more than 5 hours. To obtain data, requestors should submit a Public Records Request (Form 07-6122, available at http://labor.state.ak.us/wc/forms/wc6122.pdf) to the Division of Workers’ Compensation.

TOPICS:
Commercial fishing
Work-related injuries
Work-related illnesses

LIMITATIONS:
The Fishermen’s Fund is an emergency fund payer of last resort, with the exception of Medicaid. Benefits are awarded only after full consideration of other coverage from private health insurance, vessel insurance, and public programs, including Veteran’s Affairs or Medicare.
ALASKA PUBLIC HEALTH DATA SOURCE:
Health Facilities Data Reporting (HFDR) Program

PURPOSE:
The Alaska Health Facilities Data Reporting Program collects inpatient and outpatient discharge data from Alaska healthcare facilities, including hospital emergency departments. These facilities include private, municipal, state, or federal hospitals; hospitals operated by Alaska Native organizations; psychiatric hospitals; independent diagnostic testing facilities; residential psychiatric treatment centers; and ambulatory surgical centers.

The data collected from these facilities comprise the Alaska Inpatient and Alaska Outpatient Datasets. Health facilities' discharge data show use of health services and provide evidence of the conditions for which people receive treatment. Data provide valuable information for decision makers at all levels, monitoring emerging issues in health status and health service delivery, and need for expanded services and facilities.

Data from the HFDR Program are used for public health planning, community health status assessments, and injury and disease surveillance. They can contribute to quality assessment and performance improvement activities, health services research, and inform policy deliberations and legislation. As a longitudinal data set, trends can be monitored over time; standardization enables comparison to national benchmarks.

DATES/FREQUENCY OF DATA COLLECTION:
Inpatient 2001-2012: Voluntary participation by most large hospitals in the state, but on average 14 of the 25 hospitals participated each year; Outpatient 2008-2012: Voluntary participation by many large hospitals, but on average less than half of hospitals participated; and 2015 forward: Mandatory participation by all 25 non-military hospitals and 20 ambulatory surgical centers in the state. The first full calendar year of data with ICD-10-CM diagnosis codes is 2016. Data for 2013-2014 are not available due to the transition from voluntary to mandatory reporting.

IDENTIFICATION OF RACE/ETHNICITY:
Race is as reported on standardized billing records.

CONTACT:
Rebecca Topol
Research Analyst IV
Section of Health Research and Vital Statistics
Division of Public Health
Alaska Department of Health and Social Services
5441 Commercial Blvd
Juneau, AK 99801
Phone: (907) 465-8610
Email: rebecca.topol@alaska.gov
or
HealthAnalytics@alaska.gov
LINKS:
HFDR Program Website: http://dhss.alaska.gov/dph/VitalStats/Pages/HFDR/default.aspx

DATA REQUESTS AND DATABASE ACCESS:
Additional information on HFDR data is available by special request. There is a $75/hour fee for special research requests. For more information, please see the HFDR Program Guidelines and contact us at:
Phone: (907) 465-8604
Fax: (907) 465-4689
E-mail: HealthAnalytics@alaska.gov

TOPICS:
Ambulatory surgery Health care charges
Anxiety and depression Health care utilization
Asthma HIV/AIDS
Cancer Hospitalizations
Cardiovascular disease Injury
Chronic disease Mental health
Demographics Oral health
Diabetes Outpatient surgery
Emergency department Preventable
visits hospitalizations
Expected payer Women’s health
Falls

LIMITATIONS:
Charges are billed charges and do not reflect actual amounts paid or contracted amounts. Diagnosis and procedure codes are as reported through the facilities’ billing processes.
ALASKA PUBLIC HEALTH DATA SOURCE:
Informed Alaskans Initiative

PURPOSE:
Informed Alaskans is a data visualization initiative designed to make health data more easily accessible by individuals, health organizations, health providers, and policy makers. The initiative has two primary components, InstantAtlas™ and AK-IBIS, which are described in greater detail below. Informed Alaskans uses a combination of descriptive profiles, regional maps, tables, and charts to display health data in an intuitive and interactive format, allowing users to easily perform their own investigations into health risks, disparities, and disease prevalence in Alaska.

InstantAtlas™ Health Maps

What is InstantAtlas™?
InstantAtlas™ (IA) is a geographic information system produced by GeoWise that allows for the creation of interactive maps. The IA displays included in the Informed Alaskans initiative allow users to view health data collected from various Alaska public health data sources in a variety of regional formats, including Alaska public health regions, behavioral health systems regions, tribal health regions, and boroughs/census areas. Multiple map templates are available in InstantAtlas™ and are described in greater detail below. However, not all map templates are available for all public health data sources.

1. Single Map Template – combines a map, bar chart, and time-series chart for viewing a single variable across all regions.

2. Double Map Template – allows the selection of two variables (with their own maps) to be compared in a bi-variable graph across regions.


4. Tabular Health Profiles – a non-graphical option for viewing data in an IA display, intended for users who desire a text-based or accessible alternative to other templates.
Informed Alaskans Initiative

What is currently available in InstantAtlas™?

InstantAtlas™ health profiles are currently available on the Informed Alaskans website for the following surveillance data sets: the Behavioral Risk Factor Surveillance System (BRFSS), the Student Weight Status Surveillance System (SWSSS), the Youth Risk Behavior Surveillance System (YRBSS), Chlamydia and Gonorrhea Reportable Conditions, and Infectious Diseases Reportable Conditions. InstantAtlas™ health profiles on firearm injuries and substance abuse are currently available on the Injury Surveillance Program website and will be added to the Informed Alaskans page in the future. The following table provides more detail on the displays that are available for each surveillance data set.

<table>
<thead>
<tr>
<th>InstantAtlas™ Health Profile</th>
<th>Available Displays</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Behavioral Risk Factor Surveillance System</strong></td>
<td>6. Public Health Nursing Regions</td>
</tr>
<tr>
<td></td>
<td>• By race – 1yr</td>
</tr>
<tr>
<td></td>
<td>7. Behavioral Health Systems Regions</td>
</tr>
<tr>
<td></td>
<td>• By race – 1yr (Note: not available as Double Map or Spine Chart)</td>
</tr>
<tr>
<td><strong>Student Weight Status Surveillance System</strong></td>
<td>Single Map Template: 1. Alaska School Districts</td>
</tr>
<tr>
<td><strong>Youth Risk Behavior Surveillance System</strong></td>
<td>Single Map Template and Tabular Health Profile: 1. Behavioral Health Systems Regions</td>
</tr>
<tr>
<td></td>
<td>• By race – 1yr</td>
</tr>
<tr>
<td></td>
<td>2. Alaska School Districts</td>
</tr>
<tr>
<td></td>
<td>• By race – All high schools – 1yr</td>
</tr>
<tr>
<td></td>
<td>• By race – Traditional high schools – 1yr</td>
</tr>
<tr>
<td><strong>Chlamydia and Gonorrhea</strong></td>
<td>Single Map Template: 1. Tribal Health Regions</td>
</tr>
<tr>
<td><strong>Infectious Disease</strong></td>
<td>Single Map Template: 1. Public Health Regions</td>
</tr>
<tr>
<td><strong>Firearm Injuries</strong></td>
<td>Single Map Template: 1. Public Health Regions 2. Behavioral Health Systems Regions 3. Tribal Health Regions</td>
</tr>
<tr>
<td><strong>Substance Abuse</strong></td>
<td>Single Map Template: 1. Public Health Regions 2. Behavioral Health Systems Regions 3. Tribal Health Regions</td>
</tr>
</tbody>
</table>
What is AK-IBIS?
The Alaska Indicator-Based Information System for Public Health (abbreviated AK-IBIS or IBIS-PH) is a database and query system that is designed to provide context to public health data. The web-based application was developed by the Utah Department of Health using funding from the Centers for Disease Control and Prevention (CDC). Users can browse health topics to learn how different areas, such as the environment, nutrition, and education, are important to public health and receive links to public health data in these areas. Users can also view indicator reports, which provide data and background information on more than 100 indicators ranging from infectious disease to mental health. Finally, users can perform their own public health investigations using the ‘Explore Datasets’ option, which allows users to run queries on multiple surveillance datasets.

What is currently available in AK-IBIS?
Health Topics:
The Topics section of AK-IBIS organizes website content into 4 overarching areas, or Topic Pages. The four Topic Pages are Population Characteristics, Risk and Resiliency Factors, Health Care Services and Systems, and Health Outcomes. Each of these areas is further divided into subcategories and individual health topics. Nearly 30 health topics are currently available for review in AK-IBIS, and can be found using the following link:

Indicator Reports:
There are currently over 100 indicator reports available in AK-IBIS, including the Healthy Alaskans 2020 Leading Health Indicators and other reports on a variety of public health topics. Each indicator report provides an explanation of why the indicator is important to public health; one or more charts and tables expressing data on the indicator; an analysis of how Alaska is doing on the indicator, what is being done in Alaska to drive the desired change in the indicator, and how Alaska compares to the nation as a whole in the measure of the indicator; relevant resources; and links to other indicators that may be of interest. Indicator Reports can be accessed in AK-IBIS through a Categorized Index, in which indicator reports are grouped by topic, or through an Alphabetical Index, in which indicator reports are listed alphabetically. For a full list of currently available indicators, see http://ibis.dhss.alaska.gov/indicator/index/Alphabetical.html.
**Explore Datasets:**
Currently, six datasets are able to be queried through the Explore Datasets tool in AK-IBIS. These datasets are the Behavioral Risk Factor Surveillance System (BRFSS), the Childhood Understanding Behaviors Survey (CUBS), the Office of Children’s Services (OCS) - Child Maltreatment, the Pregnancy Risk Assessment Monitoring System (PRAMS), the Youth Risk Behavior Survey – Local (YRBS Local), and the Youth Risk Behavior Survey – Statewide (YRBS Statewide). (Note: The YRBS Local query module should only be used to estimate regional or school district prevalence of behaviors, as it is not representative of students statewide). These query modules can be accessed here [http://ibis.dhss.alaska.gov/query/Introduction.html](http://ibis.dhss.alaska.gov/query/Introduction.html).

Using these query modules, users can choose a question they’d like to investigate and look at data for that question over a variety of years withbreakouts such as sex, age, race, or region. In this way, users can conduct their own research into public health topics without requesting a dataset or performing their own data analysis.

**CONTACT:**
Jessica Barker  
Public Health Data Analyst  
Section of Chronic Disease Prevention and Health Promotion  
Division of Public Health  
Alaska Department of Health and Social Services  
Juneau, AK 99811  
Phone: (907) 465-8234  
Email: jessica.barker@alaska.gov

**LINKS:**
Informed Alaskans Initiative Homepage  
[http://dhss.alaska.gov/dph/InfoCenter/Pages/ia/default.aspx](http://dhss.alaska.gov/dph/InfoCenter/Pages/ia/default.aspx)

InstantAtlas™ Health Profiles Homepage  
[http://dhss.alaska.gov/dph/InfoCenter/Pages/ia/instantatlas.aspx](http://dhss.alaska.gov/dph/InfoCenter/Pages/ia/instantatlas.aspx)

AK-IBIS Health Data Homepage  
[http://ibis.dhss.alaska.gov/](http://ibis.dhss.alaska.gov/)

AK-IBIS Query Modules  

**DATA REQUESTS AND DATABASE ACCESS:**
Data in InstantAtlas™ and AK-IBIS are readily available for public use and do not require a data request. Training in InstantAtlas™ or AK-IBIS for individuals or organizations is available by calling (907) 269-8030 or contacting IBIS-PH@alaska.gov.

**TOPICS:**
As Informed Alaskans contains data from a variety of surveillance systems, information is available for a wide array of topics. This list is constantly expanding as new indicator reports and other features are added.
Juvenile Offender Management Information System (JOMIS)

ALASKA PUBLIC HEALTH DATA SOURCE:
Juvenile Offender Management Information System (JOMIS)

PURPOSE:
The Juvenile Offender Management Information System is the Alaska Division of Juvenile Justice’s (DJJ) primary repository for juvenile offense history records and DJJ provided services. JOMIS is a statewide computer information system that combines probation and facility records into a shared, web-based electronic file system. It is intended to support probation and facility staff involved with holding juvenile offenders accountable and providing skills for alternatives to law-breaking behavior. JOMIS also supports program and policy staff in making decisions for community safety and victim restoration.

DATES/FREQUENCY OF DATA COLLECTION:
JOMIS is a live case management system that began in 1990.

IDENTIFICATION OF RACE/ETHNICITY:
Race and ethnicity are self-reported.

CONTACT:
Sandra DeHart-Mayor
Data Processing Manager
Division of Juvenile Justice
Alaska Department of Health and Social Services
2600 Providence Drive
Anchorage, AK. 99508
Phone: (907) 465-3863
Email: sandra.dehart-mayor@alaska.gov

LINKS:
Division of Juvenile Justice Website:
http://dhss.alaska.gov/djj/Pages/default.aspx
Division of Juvenile Justice Statistical Information website:
http://dhss.alaska.gov/djj/Pages/GeneralInfo/Stats.aspx

DATA REQUESTS AND DATABASE ACCESS:
Aggregated juvenile justice information not found on the statistical information website is available upon request.

TOPICS:
Juvenile Referrals, Charges, Offenses
Juvenile Probation
Youth Facility Admissions
Youth Facility Capacity

LIMITATIONS:
Personal identifying information is not disclosed. Charges are not publicly reported for rural villages where less than 3 juveniles are charged to ensure confidentiality.
ALASKA PUBLIC HEALTH DATA SOURCE:
Maternal and Child Death Review (MCDR) Program

PURPOSE:
The Alaska Maternal and Child Death Review is a national evidence-based program that systematically and comprehensively reviews deaths using a multi-disciplinary approach. This model specifically aims to identify causes and contributing factors to maternal, infant, and child deaths in Alaska and develop recommendations to prevent future deaths. We review all Alaskan child deaths (ages 0-17), as well as all pregnancy-associated deaths, which are deaths that occur within one year of having been pregnant.

DATES/FREQUENCY OF DATA COLLECTION:
Data collection has been ongoing since 1991. Initially, the program only reviewed maternal, infant and occasionally fetal deaths. In 2005, the program began reviewing child deaths as well, although for several years only deaths among children through the age of 14 years were reviewed. In 2016, the age criterion was expanded to include children up to 17 years of age. By collecting medical records, autopsy reports, death scene investigations reports, and other relevant data are collected and abstracted into the relevant database. Additional data is gathered from the panelist decisions during the review meetings.

IDENTIFICATION OF RACE/ETHNICITY:
Race is available in bridged race categories.

CONTACT:
Vanessa Verigin, BSW, MPA
MCDR Program Manager
MCH-Epidemiology
AK Dept. of Health & Social Services
3601 C St. Ste 358 | Anchorage, AK 99503
Tel: (907) 269-3446
Fax: (907) 754-3035
Email: hss.wcfh.mcdr@alaska.gov

LINKS:
Maternal and Child Death Review Program Website:
http://dhss.alaska.gov/dph/wcfh/Pages/mchepi/mcdr/default.aspx

Reports and Fact Sheets:
http://dhss.alaska.gov/dph/wcfh/Pages/mchepi/mcdr/reportfact.aspx

DATA REQUESTS AND DATABASE ACCESS:
The Case Reporting System is only available to program staff. However, data requests can be made to the program by filling out the MCH-Epi Data Request Form.

TOPICS:
Child mortality
Infant mortality
Maternal mortality
Prevention of premature mortality
Sudden Unexpected Infant Death (SUID)
Youth suicide

LIMITATIONS:
MCDR Program data are limited in that the program cannot release potentially identifiable data (n<6). Additionally, the age range of deaths reviewed over time has varied somewhat, and therefore full data are not available for all children 0-17 for all years.
ALASKA PUBLIC HEALTH DATA SOURCE:
Office of Children’s Services (OCS)

PURPOSE:
The Office of Children’s Services works in partnership with families, Tribes and communities to support the safety, permanency and well-being of Alaska’s children and youth through the provision of a wide range of services and support systems. These services include child abuse and neglect prevention services, child protective services, foster care, residential care, family support and family preservation services, permanency planning, independent living, and post-adoption and guardianship.

OCS collects data on children and families referred for child protective services and on providers for out-of-home placements. The data are used to:
• Determine the incidence of child abuse reports in Alaska with respect to geographic and demographic characteristic;
• Keep track of the number of protective service reports that are screened-out, screened-in, substantiated, and/or result in an out-of-home placement;
• Monitor trends over time; and
• Determine how Alaska compares with the rest of the Nation.

Statistical information is compiled and posted to the website by the 15th of each month in accordance with Alaska Statute AS 47.05.100.

DATES/FREQUENCY OF DATA COLLECTION:
Accurate data for all topics are available from 2005 forward. Prior to 2005, data were tracked through a different system and may not be as accurate or complete. These data should be used with caution.

IDENTIFICATION OF RACE/ETHNICITY:
Race information is collected through interviews with parents, tribes, and children, and through the Eligibility Information System (EIS) and Electronic Vital Records System (EVRS) if race is noted.

CONTACT:
Tim Morse
Research Analyst IV
Office of Children’s Services Research Unit
Alaska Department of Health and Social Services
Phone: (907) 465-5006
Email: timothy.morse@alaska.gov

LINKS:
OCS Statistical Information:
http://dhss.alaska.gov/ocs/Pages/statistics/default.aspx#Prvd

OCS Publications:
http://dhss.alaska.gov/ocs/Pages/publications/default.aspx

Alaska Indicator-Based Information System (AK-IBIS)
OCS – Child Maltreatment Query Module:
DATA REQUESTS AND DATABASE ACCESS:
The Online Resource for the Children of Alaska (ORCA) is a welfare management system that houses the details of every child in foster care in the state. Database access is limited to the OCS staff. Aggregated statistics are available on the OCS website under the section titled “Statistics”. Resources here include summary data on the number of protective service reports, initial assessments, and children living out-of-home for the past 5-years. These numbers can be viewed by year, location, demographics of victim (i.e., age, sex, and race), and allegation. In addition, data on the number of facilities licensed by OCS over the past five-years are available by year, location, and type of facility (e.g., assisted living, foster group home, tribal foster home, etc.). Aggregated statistics not found in these resources are available by request by emailing the OCS Research Unit contact at hssocsresearchunit@alaska.gov.

TOPICS:
Number of Protective Service Reports
Number of Initial Assessments
Number of Children Out of Home
Number of Licensed Foster and Foster Group Homes
Annual Progress and Services Reports
Child and Family Services Reviews

LIMITATIONS:
Data is suppressed for numbers under 20 to ensure confidentiality. Historical data prior to 2004 is not available.
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Pregnancy Risk Assessment Monitoring System (PRAMS)

PURPOSE:
The Pregnancy Risk Assessment Monitoring System is a survey of mothers of newborns that has been on-going in Alaska since 1990. PRAMS is a collaborative project between the Centers for Disease Control and Prevention (CDC) Division of Reproductive Health and the Alaska Division of Public Health. It collects information about behaviors and circumstances of Alaskan mothers and their infants surrounding the pregnancy and postpartum period. Sampled mothers are asked to participate by mail. Phone interviews are attempted with women who do not respond by mail. Outside of what Vital Records can provide, PRAMS is the premier source of population-based data on maternal and infant issues for Alaska. As the sampling frame for PRAMS is drawn from birth certificates registered at the Health Analytics and Vital Records Section, PRAMS data are weighted to represent the entire population of women who delivered a live-born infant in Alaska in a particular birth year, whether or not the baby subsequently died or was adopted out. Some demographic data like maternal race, age, and residence are from the birth certificate, which are linked to survey responses. This allows for data breakouts by maternal characteristics, including geographic region of residence.

DATES/FREQUENCY OF DATA COLLECTION:
Data collection has been ongoing since 1990.

IDENTIFICATION OF RACE/ETHNICITY:
Race information is based on birth certificates.

CONTACT:
Kathy Perham-Hester, MS, MPH
Alaska PRAMS Coordinator
Section of Women’s, Children’s and Family Health Division of Public Health
Alaska Department of Health and Social Services
3601 C Street, Suite 358
Anchorage, Alaska 99503
Phone: (907) 269-3447
Email: kathy.perham-hesten@alaska.gov

LINKS:
Website:
http://dhss.alaska.gov/dph/wcfh/Pages/mchepi/prams/default.aspx
Alaska Indicator-Based Information System for Public Health – PRAMS Query Module:

DATA REQUESTS AND DATABASE ACCESS:
For data requests that cannot be satisfied through the above links, contact the PRAMS Coordinator, or email mch-epi@alaska.gov or call (907)269-3400.
Download the PRAMS or CUBS Summary Data Request form and submit it to mch-epi@alaska.gov.
If you want to analyze a de-identified PRAMS dataset, submit a completed WCFH Data Utilization Agreement and Data Request form to mch-epi@alaska.gov. Select indicators are also available on Kids Count for Alaska, https://datacenter.kidscount.org/data#AK/2/0/char/0.

TOPICS:
Alcohol consumption
Anxiety and depression
Birth control use
Breastfeeding
Demographics
Family income
Health insurance
Home visiting
Infant sleep environment
Intimate partner violence
Pregnancy intention
Prenatal care
Psychosocial stress
Obesity
Oral health
Other substance use
Smokeless tobacco use
Tobacco use
Vitamin use
WIC enrollment

LIMITATIONS:
Some PRAMS questions ask the respondent to remember events or behaviors up to 12 months before they got pregnant. On average, the infant is three to four months old at the time the mother responds to the questionnaire. Mothers who respond to the survey when their infant is younger may recall events more accurately than mothers who respond when their infant is older. Survey response rates may also affect the potential for bias in the data.
ALASKA PUBLIC HEALTH DATA SOURCE:
Prescription Drug Monitoring Program (PDMP)

PURPOSE:
The Prescription Drug Monitoring Program is an electronic database that collects information on schedule II – IV controlled substances and provides information on prescribing trends within Alaska. The PDMP also allows prescribing providers and pharmacists to review dispensation history for their patients, which can be used as a potentially useful tool to inform clinical decisions and improve medical care by encouraging appropriate treatment options. The PDMP also allows providers to view their prescribing trends in relation to others within the same occupation and similar specialty. The PDMP analytics tool, Tableau, provides insight into the number of registered users, patient queries (patient history reviews conducted) conducted, the number of opioids versus non-opioids dispensed, and pharmacy dispensation activity. Additional functions of the PDMP include assisting in the investigation of drug diversion and detection of potential doctor shopping through secure patient alert notifications between treating providers.

DATES/FREQUENCY OF DATA COLLECTION:
Data are available from 2014 forward; however, prescription history for individual patients is not disclosed farther back than two years. Patient queries are conducted prior to prescribing a federally scheduled II – III controlled substance. Dispensations of federally scheduled II – IV controlled substances are required to be reported daily.

IDENTIFICATION OF RACE/ETHNICITY:
Not currently available

CONTACT:
Lisa Sherrell
Alaska Prescription Drug Monitoring Program
Juneau, AK 99811
Phone: (907) 465-1039
Email: akpdmp@alaska.gov

LINKS:
Prescription Drug Monitoring Program Website: https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/PrescriptionDrugMonitoringProgram.aspx

DATA REQUESTS AND DATABASE ACCESS:
Only individuals who hold a current Alaska professional license number and a DEA registration valid to practice in any state can register. However, individuals without a DEA registration but with an active professional license, registration, or certification can register as a delegate. Not all who have access must register to use the PDMP; access is restricted to:
• personnel of the board,
• personnel of another board or agency,
• authorized board personnel or contractors,
• a licensed practitioner having authority to prescribe controlled substances,
• agent or employee of the practitioner whom the practitioner has authorized,
• licensed or registered pharmacist having authority to dispense controlled substances,
• agent or employee of the pharmacist whom the pharmacist has authorized,
• federal, state, and local law enforcement authorities,
• individual who is the recipient of a controlled substance prescription,
• licensed pharmacist employed by DHSS,
• licensed pharmacist, licensed practitioner, or authorized employee of DHSS,
• state medical examiner,
• authorized employee of DHSS,
• practitioner, pharmacist, or clinical staff employed by Native / federal health organization.

LIMITATIONS:
Information in the PDMP is only stored for two years. Additionally, there may be several accounts for one patient (different name, alternate spelling, wrong date of birth, wrong gender, etc.); manual consolidation of the accounts is required.
ALASKA PUBLIC HEALTH DATA SOURCE:
State Unintentional Drug Overdose Reporting System (SUDORS)

PURPOSE:
The State Unintentional Drug Overdose Reporting System is housed within the Centers for Disease Control and Prevention (CDC)’s state-based National Violent Death Reporting System (NVDRS) web database. Data collection into the SUDORS database began in 2015, but data has been back filled to 2010. Drug overdoses included in the SUDORS database include all overdoses resulting from illicit, prescription, and over the counter drug use that are of accidental or undetermined intent. Additionally, information related to overdoses of alcohol and organic solvents are collected, which are not included in the SUDORS guidance. Data collection involves a standardized procedure in which information on all Alaska residents and occurrent deaths are captured in a relational database. Key unique documents are accessed and abstracted for each case and include death certificates, medical examiner reports, toxicology reports, and law enforcement reports. Supplemental information may include court records and medical records. Abstractors consider all case information and create a comprehensive narrative of the incident and any related circumstances. Information generated by SUDORS is critical for quantifying and tracking the public health burden associated with substance abuse and misuse and identifying interventions to reduce this burden.

DATES/FREQUENCY OF DATA COLLECTION:
Data goes back to 2010, however, recent years are more detailed due to surveillance improvement and toxicology testing. There have been additional variables added over the years, and we are working to abstract information from narratives and incorporate data into the reporting system.

IDENTIFICATION OF RACE/ETHNICITY:
Yes, race and ethnicity are recorded into the database as they appear on the death certificate. In publications, rates are presented individually, or “two or more races” if applicable.

CONTACT:
Deborah Hull-Jilly, MPH, CLS
Principle Investigator/ Epidemiologist
AKVDRS Program
Section of Epidemiology, Division of Public Health
Alaska Department of Health and Social Services
3601 C Street, Suite 540
Anchorage, Alaska 66503
Phone: (907) 269-8078
Email: deborah.hull-jilly@alaska.gov

LINKS:

DATA REQUESTS AND DATABASE ACCESS:
For data requests that cannot be satisfied through the available links, contact the AKVDRS/SUDORS Principal Investigator by phone at (907) 269-8078 or by email at deborah.hull-jilly@alaska.gov, or go to the Section of Epidemiology Confidentiality Policies and Procedures and Data Request Protocol (available here).

LIMITATIONS:
Availability, completeness, and timeliness are dependent upon investigation and adjudication processes and information included in reports. Protective factor data (i.e., circumstances and environmental factors that may reduce the risk for violent death) are available but sometimes limited. See the CDC SUDORS website for more information on abstracted elements.
Preliminary Report

ALASKA PUBLIC HEALTH DATA SOURCE:
Statewide Drug Enforcement Unit (SDEU) Annual Drug Reports and Drug Seizure Dashboard

PURPOSE:
The Statewide Drug Enforcement Unit is a State statute-mandated enforcement unit within the Alaska State Troopers (AST) that works with federal, state, and municipal partners to address Alaska’s drug and alcohol problem. As an enforcement body within AST, SDEU’s specific assignment is to provide services designed to deter, detect, and interdict traffickers and trafficked illicit controlled substances and alcohol. To provide stakeholders and communities with context for understanding the negative impact that these substances and their corresponding criminality have on Alaska, SDEU compiles and publishes Annual Drug Reports. These reports are publically available on the SDEU website and illustrate trends in drug seizures and drug-related charges/arrests for a variety of substances that are heavily abused in Alaska. As there is often a need for more timely data than those available in annual reports, SDEU also presents monthly drug seizure data in their Drug Seizure Dashboard, available on the SDEU website.

DATES/FREQUENCY OF DATA COLLECTION:
Annual Drug Reports are available from 2001 forward. Monthly drug seizure data are available from January 2018 forward in the SDEU Drug Seizure Dashboard and Dashboard Archive.

IDENTIFICATION OF RACE/ETHNICITY:
Data by race are not presented.

Alaska State Troopers
Alaska Department of Public Safety
5700 E Tudor Road
Anchorage, AK 99507
Phone: (907) 269-5511

LINKS:
SDEU Website: https://dps.alaska.gov/ast/sdeu/drug-stats
Note: Links to Annual Drug Reports are located in the box in the bottom right corner of the webpage.

DATA REQUESTS AND DATABASE ACCESS:
Annual Drug Reports and the Drug Seizure Dashboard are publically accessible at the link provided.

TOPICS
Alcohol
Cocaine
Drug-related charges/arrests
Drug seizures
Heroin
Marijuana
Methamphetamine
Prescription drugs
Substance abuse
Synthetic opioids

LIMITATIONS:
Although SDEU requests that all partner agencies in Alaska contribute data for inclusion in statewide drug seizure and drug-related charges/arrests statistics, not all agencies provide information.
We know how important good health is to learning. With the current research about obesity, participating school districts are aware of the effect on academics and our students’ present and future health. That is why they partner with the Department of Public Health to receive a Student Weight Status Report. Student Weight Status Reports assess the status of the district to identify the percentage of students who are potentially at risk for weight-related health problems. The report can be used to create awareness among school and health personnel, community members and policy makers of the extent of the problem as well as measure the effectiveness of school policies, programs and practices aimed to improve school health. The report does not include information about individual students. An individual student’s height, weight, and BMI are private and confidential—they can be given to a parent directly by their school nurse or healthcare provider.

DATES/FREQUENCY OF DATA COLLECTION:
Data are summarized by academic year as far back as 2003-2004 for selected school districts.

IDENTIFICATION OF RACE/ETHNICITY:
SWSSS data in InstantAtlas™ are available for the following race categories: All Races, White, Alaska Native or American Indian, Other Races.

CONTACT:
Lauren Kelsey, MPH
Physical Activity and Nutrition Program
Section of Chronic Disease Prevention and Health Promotion
Division of Public Health
Alaska Department of Health and Social Services
3601 C Street, Suite 722
Anchorage AK 99503
Phone: (907) 269-8185
Email: lauren.kelsey@alaska.gov
Student Weight Status Surveillance System (SWSSS)

LINKS:
Informed Alaskans: Student Weight Status Surveillance System Health Profiles
http://dhss.alaska.gov/dph/InfoCenter/Pages/ia/swsss/swsss_health_profiles.aspx

InstantAtlas™ Interactive Health Map:
http://www.hss.state.ak.us/instantatlas/swsss/sm/cr/sd/atlas.html

DATA REQUESTS AND DATABASE ACCESS:
For data requests that cannot be satisfied through the available links, call (907) 269-3457 or contact obesity@alaska.gov.

TOPICS:
- Obesity
- Schools
- Student weight
- Weight status
- Student height

LIMITATIONS:
One limitation of SWSSS is that height and weight measurements are not collected through a sampling procedure but are obtained as part of the routine school health screening process. There is variation across school district, grade, and school years in the percentage of enrolled students who contribute to SWSSS. However, because in most school districts efforts are made to screen all students in grades K, 1, 3, 5, 7, it is unlikely that the prevalence of overweight and obesity is subject to a bias that would result in the disproportionate selection of more obese students. Also, we take steps to minimize bias by weighting the data to district enrollment by race, sex and grade.

There is also considerable variation in the measurement procedures implemented across districts. There are not enough trained professionals such as a school nurses to collect all height and weight measurements in all schools, in all districts. Teachers and other school staff may be called upon to help perform this task. However, at each district a professional such as a school nurse or a public health nurse has oversight of the measurements, and DHSS offers a free online training in measurement protocol to all districts, located at http://anthc.adobeconnect.com/p3bundbielk/.

A third limitation is related to measurement equipment. Both within and across districts, schools use different types of measurement equipment. Grantee school districts are required to use approved equipment if using grant funds to purchase measurement equipment. While the variations in procedure and equipment likely result in some degree of random error, it is unlikely the variations would be responsible for systematic under- or over-estimate of weight status.

Another limitation is that historically, Anchorage's students have been over-represented in SWSSS. During the 2013-2014 school year Anchorage represented 37% of all students statewide and 59% of the students in SWSSS. It is important to note the surveillance system is still in development and will continue to grow as additional school districts participate. This means that SWSSS will become increasingly representative of students statewide; however, it also means that any analysis involving a trend component will need to be interpreted with caution.

Participating school districts also vary in the exact methods they use to extract health record data. To minimize this variation, district contacts are provided a detailed list of required and optional data elements (see table 2 at http://dhss.alaska.gov/dph/InfoCenter/Pages/ia/swsss/swsss_health_profiles.aspx).
ALASKA PUBLIC HEALTH DATA SOURCE:
Substance Abuse InstantAtlas™ Displays

PURPOSE:
As the problem of substance abuse in Alaska extends beyond any one drug, the purpose of the Substance Abuse InstantAtlas™ Displays is to consolidate prevalence, morbidity, and mortality data on multiple substances of concern for public use. The displays present data on the following ten substance categories of concern to public health:

- alcohol;
- all opioids;
- heroin;
- natural, semi-synthetic, and synthetic opioids, excluding heroin;
- benzodiazepines;
- methamphetamine;
- cocaine;
- ecstasy;
- marijuana; and
- spice.

Users can explore data across all substance categories and measures in the form of maps, tables, bar charts, time series charts, and time series animations, as desired. Multiple displays are available on the Alaska Injury Surveillance Program website with data presented by public health region, behavioral health region, and tribal health region.

DATES/FREQUENCY OF DATA COLLECTION:
The range of data years available in the displays vary by indicator. Displays continue to be updated as new data become available.

IDENTIFICATION OF RACE/ETHNICITY:
Race breakouts are not available in Substance Abuse InstantAtlas™ displays at this time.

CONTACT:
Injury Surveillance Program
Section of Epidemiology
Division of Public Health
Alaska Department of Health and Social Services
3601 C Street, Suite 790
Anchorage, AK 99503
Email: deborah.hull-jilly@alaska.gov

LINKS:
Alaska Injury Surveillance Program Data-At-A-Glance Webpage (provides links to InstantAtlas™ displays and other data):

Direct Links to InstantAtlas™ Displays:
By behavioral health region:
By public health region:
By tribal health region:

DATA REQUESTS AND DATABASE ACCESS:
The Substance Abuse InstantAtlas™ displays are available for public use at the links provided. Use of the displays and data therein does not require a data request.

TOPICS:
Drug/alcohol use
Drug/alcohol-related emergency department visits
Drug/alcohol-related hospital discharges
Drug/alcohol-related mortality
Overdose
Health Impacts of Alcohol and Selected Drugs in Alaska

Alaska Department of Health and Social Services, Division of Public Health

Percentage of Traditional High School Students Who Reported Ever Drinking Alcohol, Alaska YRBS

**Indicator Selection**

- Alcohol
  - Percentage of Traditional High School Students Who Reported Ever Drinking Alcohol, Alaska YRBS
    - 2017
    - 2016
    - 2015
    - 2014
    - 2013
    - 2012
    - 2011
    - 2010
    - 2009
    - 2008
    - 2007

- Percentage of Traditional High School Students Who Reported Drinking Alcohol Before Age 13, Alaska YRBS
- Percentage of Traditional High School Students Who Reported Drinking Alcohol in the Past Month, Alaska YRBS
- Percentage of Traditional High School Students Who Reported Binge Drinking (5 Drinks in a Row for Males, 4 Drinks in a Row for Females) in the Past Month, Alaska YRBS (2017 forward)
- Percentage of Traditional High School Students Who Reported Binge Drinking (5 Drinks in a Row) in the Past Month, Alaska YRBS (2017 forward)

<table>
<thead>
<tr>
<th>Value</th>
<th>95% CI - LL</th>
<th>95% CI - UL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statewide</td>
<td>56.2</td>
<td>53.1</td>
</tr>
</tbody>
</table>

**Bar Chart (selected indicator by PH region - 2017)**

**Time Series Chart (selected indicator by PH region)**

Instructions:
Choose an indicator and time period from the Indicator Selection menu on the far left. This chosen indicator will appear in red text above the display and the Map (left), Statewide Comparison table (bottom left), Bar Chart (bottom middle), and Time Series Chart (bottom right) will change to reflect your selection.

To view a selection of data, click on the Table On/Off button below. This will replace the Indicator Selection menu with the data table for the selected indicator and time period. Click the Table On/Off button again to return to the Indicator Selection menu and make a new selection.

For questions, comments, or help using this display, please contact spi.injury@alaska.gov and include 'InstantAtlas' in the subject line.
ALASKA PUBLIC HEALTH DATA SOURCE:
Substance-Exposed Newborns Initiative (SENI)

PURPOSE:
SENI collects screening data from screenings conducted among those who are pregnant and admitted to hospital for birth care. Clinicians working in hospital birth centers located in Anchorage, Fairbanks, Juneau and Palmer screen for:
• Legal and illicit substances
• Depression
• Domestic violence
• Desire for immediate subsequent pregnancy
Data are used to develop and plan for inpatient and community-based recovery and treatment services needed for families with pregnant people and newborns adversely impacted by substance use.

DATES/FREQUENCY OF DATA COLLECTION:
The validated 4P’s Plus questions constitute the core of SENI screening tool and are augmented by assessment questions that ask the name and frequency of use of substances. The four SENI screening hospitals deliver about 26% of all births in the state each year. Universal screening is the goal; about 22% of all births in the state in 2019 were screened. SENI collects no personally identifiable data.
SENI publishes annual reports that provide both data and program work. SENI’s 2020 report will be posted to the SENI webpage which is hosted by the Alaska State Hospital and Nursing Home Association’s webpage for the Alaska Perinatal Quality Collaborative at: https://www.ashnha.com/akpqc-substance-exposed-newborns-initiative/

IDENTIFICATION OF RACE/ETHNICITY:
Race and ethnicity are not part of the SENI data set

LINKS:
The following provide the rationale for SENI screening and program work:
• A Public Health Response to Opioid Use in Pregnancy
• ACOG Committee Opinion Number 711: Opioid Use and Opioid Use Disorder in Pregnancy
• ACOG Committee Opinion Number 736: Optimizing Postpartum Care
• Neonatal Abstinence Syndrome and Ethical Approaches to the Identification of Pregnant Women Who Use Drugs
• SAMHSA Clinical Guidance for Treating Pregnant and Parenting Women With Opioid Use Disorder and Their Infants
• The 4P’s Plus© Screening Instrument
• National Center of Substance Abuse and Child Welfare: Plans of Safe Care

DATA REQUESTS AND DATABASE ACCESS:
With adequate advanced notice, SENI may respond to special data requests. Requests should be made to seni@alaska.gov

LIMITATIONS:
SENI began collecting data in July 2017

CONTACT:
Sherrell Holtshouser RN MPH
Substance Exposed Newborns Initiative
Alaska Breastfeeding Initiative
Alaska Division of Public Health
Section of Women’s, Children’s & Family Health
3601 C Street, Suite 322
Anchorage, AK 99503
Phone: (907) 269-3426
Email: seni@alaska.gov
ALASKA PUBLIC HEALTH DATA SOURCE:
Syndromic Surveillance

PURPOSE:
The purpose of syndromic surveillance is to provide rapid or real-time information on the health conditions experienced by Alaskans. It is most commonly used for outbreak identification and monitoring, and for monitoring the health of populations following natural disasters or other large-scale events. Syndromic surveillance data can also be used in any situation where knowledge of emergency visit data over time and space might be helpful.

DATES/FREQUENCY OF DATA COLLECTION:
Data collection is ongoing. Earliest data are from August 2014 but reliability of data improved after May 2016 as more hospitals onboarded to the syndromic surveillance system.

IDENTIFICATION OF RACE/ETHNICITY:
Race is as recorded on the electronic health record.

CONTACT:
Anna Frick, MPH, CIC
Research Analyst II
Section of Epidemiology, Division of Public Health
Alaska Department of Health and Social Services
Phone: (907) 269-8010
Email: anna.frick@alaska.gov

Louisa Castrodale, DVM, MPH
Infectious Disease Program Manager
Section of Epidemiology, Division of Public Health
Alaska Department of Health and Social Services
Phone: (907) 269-8002
Email: louisa.castrodale@alaska.gov

LINKS:
Alaska program:
http://dhss.alaska.gov/dph/Epi/id/Pages/synd_surv/default.aspx

Nationwide:
https://www.cdc.gov/nssp/index.html

DATA REQUESTS AND DATABASE ACCESS:
Contact Anna Frick or Louisa Castrodale for policies and forms. Public Health employees may be granted user accounts to access data directly; all others will only be given a limited data set.

TOPICS:
Because syndromic surveillance uses a database of records from emergency department visits, it is possible to query the system regarding most topics.

LIMITATIONS:
Hospitals have onboarded to this system at various times, and not all hospitals in Alaska are participating in syndromic surveillance at this time. Only information from emergency department visits is included - no outpatient settings, no inpatient information, and no lab results. It is not always possible to link a patient who has visited emergency departments multiple times, and in general it would be difficult to link a syndromic surveillance record to any other database. The search process is dependent on text entered by healthcare providers, which can contain varying levels of detail.
ALASKA PUBLIC HEALTH DATA SOURCE:
Alaska Immunization Information System (VacTrAK)

PURPOSE:
VacTrAK is the confidential, web-based Immunization Information System (IIS) that maintains consolidated immunization records for Alaskans of all ages. Health care providers are required to report all administered vaccines to VacTrAK within 14 days of administration (7 AAC 27.650).

VacTrAK is used by health care providers to
• obtain consolidated immunization records for patients;
• print official immunization records to meet school and childcare requirements;
• manage vaccine ordering and inventory;
• accurately account for state-supplied and privately purchased vaccine;
• determine vaccination forecast based on Advisory Committee on Immunization Practices (ACIP) recommended immunization schedules;
• assess immunization completion rates for patients within their health care practice and
• generate reminder/recall notices for patients due or overdue for recommended vaccines.

DATES/FREQUENCY OF DATA COLLECTION:
VacTrAK was established in 2008 under the authority of Alaska Statute (AS 18.15.360) with voluntary reporting of vaccinations. Effective 12/29/2013, reporting of administered vaccines within 14 days is required by Alaska Administrative Code (7 AAC 27.650).

IDENTIFICATION OF RACE/ETHNICITY:
Race/ethnicity is not consistently reported in immunization records.

CONTACT:
VacTrAK Support
Section of Epidemiology, Division of Public Health, Alaska Department of Health and Social Services
3601 C Street, Suite 540
Anchorage, Alaska 99503
Phone: (907) 269-0312
Email: vactrak@alaska.gov

LINKS:
VacTrAK website:
http://dhss.alaska.gov/dph/Epi/iz/Pages/vactrak/default.aspx

VacTrAK login portal:
https://vactrak.alaska.gov/iweb/

Other Resources for Immunization Information:
National Immunization Survey (NIS) - The NIS is an annual phone survey of vaccination coverage sponsored by the CDC since 1994. It includes data on children 19-35 months, teens 13–17 years, and flu vaccinations for children 6 months–17 years.
Link: https://www.cdc.gov/vaccines/imz-managers/nis/index.html

DATA REQUESTS AND DATABASE ACCESS:
Access to VacTrAK is limited to authorized health care providers through the VacTrAK login portal.

Data requests that cannot be satisfied through the available links can be directed to the VacTrAK Program Manager. A $10/record fee may apply, and data request are limited by the following protocol and regulations:

• section of epidemiology confidentiality policies and procedures and data request protocol
• permitted disclosures of identifiable health information (7 AAC 27.893)
• data from the immunization information system (7 AAC 27.655)
TOPICS:
Immunization records
Vaccine
Childhood vaccinations
Adolescent vaccinations
Adult vaccinations
Vaccine preventable diseases

LIMITATIONS:
Population data in VacTrAK is over-represented because patient records have continually been added since 2009. At the population health level, there is limited ability to accurately determine which patients with records in VacTrAK reside in the state at any given time. Health care providers can limit reports to patients active in their practice to determine accurate coverage assessments.
Patient records in VacTrAK may be incomplete. VacTrAK does not include data from Department of Defense (military bases) or Veterans Administration. Reporting of historical vaccinations is not required by regulation.
Youth Risk Behavior Surveillance System (YRBSS)

**ALASKA PUBLIC HEALTH DATA SOURCE:**
Youth Risk Behavior Surveillance System (YRBSS)

**PURPOSE:**
The Youth Risk Behavior Surveillance System is part of an epidemiological surveillance system established by the CDC in 1990 and first implemented in Alaska in 1995. Data are collected via the Youth Risk Behavior Survey (YRBS), a biennial, anonymous, and voluntary survey that is used to monitor the prevalence of health risk behaviors among students in grades 9-12. The Alaska YRBS is administered in public traditional and alternative high schools (excluding boarding, home study, and correspondence schools). In some years, the YRBS has also been administered in correctional high schools. Written parental consent is required for student’s participation in the survey. Alaska statewide and district-level YRBS data that meet minimum overall response rates are weighted to represent the populations from which they were drawn.

**DATES/FREQUENCY OF DATA COLLECTION:**
Data are available for odd-numbered years since 1995 (except 1997 - no survey attempted, 1999 - lacked Anchorage School District, 2001 - did not obtain representative sample, and 2005 - did not obtain representative sample for statewide survey). Samples of local school districts are available since 2003.

**IDENTIFICATION OF RACE/ETHNICITY:**
The following two race/ethnicity questions are used to create multiple race/ethnicity variables. For more information on these variables, contact the Alaska YRBS Program at YRBS@alaska.gov.

**CONTACT:**
**Tazlina Mannix**, MPH
Alaska YRBS Data Manager
Section of Chronic Disease Prevention and Health Promotion
Division of Public Health
Alaska Department of Health and Social Services
3601 C Street, Suite 722
Anchorage, Alaska 99503
Phone: (907) 269-8107
Email: tazlina.mannix@alaska.gov

**LINKS:**
AK YRBSS Home Page:
http://dhss.alaska.gov/dph/Chronic/Pages/yrbs/yrbs.aspx

Alaska Indicator-Based Information System (AK-IBIS) – Indicator Reports:
http://ibis.dhss.alaska.gov/indicator/Introduction.html

Alaska Indicator-Based Information System (AK-IBIS) – YRBS Query Modules:
http://ibis.dhss.alaska.gov/query/Introduction.html

CDC YRBSS Home Page:
https://www.cdc.gov/healthyyouth/data/yrbs/index.htm

Alaska Youth Risk Behavior Survey Preliminary 2019 Highlights:
Youth Risk Behavior Surveillance System (YRBSS)

TOPICS:
- Alcohol use
- Nutrition and body weight
- Drug use
- Physical activity and screen time
- Violence and bullying
- Substance use perceptions
- Depression and suicide
- Sexual behavior
- Student connectedness

LIMITATIONS:
The results represent Alaska high school students who attend public traditional and alternative high schools and not all Alaska adolescents in this age group. Additionally, written parental consent is required for participation in the Alaska YRBS, so students without parental permission are not represented. The YRBS also relies on self-report, which may result in under- or over-reporting of behaviors. Lastly, the YRBS is a cross-sectional study and cannot be used to make causal inferences.

https://www.cdc.gov/mmwr/volumes/69/su/pdfs/su6901-H.pdf)
1. Alaska Section of Epidemiology (SOE) Links

   - **Confidentiality Policies and Procedures and Data Release Protocols, Updated January 2017**
     
     All programs within SOE must adhere to these policies and procedures, which are intended to protect the privacy of patients and facilities reporting data to SOE, to ensure the integrity of reported data, and to comply with confidentiality-protecting legislation and administrative rules. Please review these policies prior to requesting data from SOE.
     

   - **Summary Data or Limited Data Set Request and Utilization Agreement Form**
     
     This form is used to request data from a program within SOE.
     
     [http://dhss.alaska.gov/dph/Epi/Documents/confidentiality/DataRequestForm.docx](http://dhss.alaska.gov/dph/Epi/Documents/confidentiality/DataRequestForm.docx)

2. Alaska Section of Women’s, Children’s, and Family Health (WCFH) Links

   - **Data Utilization Agreement**
     
     This form is used to request raw data from a program within WCFH.
     
     [http://dhss.alaska.gov/dph/wcfh/Documents/mchepi/Fillable_Data_Request_Form_2-2016.pdf](http://dhss.alaska.gov/dph/wcfh/Documents/mchepi/Fillable_Data_Request_Form_2-2016.pdf)

   - **Summary Data Request Form**
     
     This form is used to submit a static request for PRAMS or CUBS data.
     