



# 2016 SEARCH AND RESCUE ANNUAL REPORT

## 2016 Search and Rescue Annual Report

### Note from the Chairman:

It's hard to believe we are nearing 20 years of the Search and Rescue Financial Assistance Program. We have another successful year under our belts in reimbursing our state's search and rescue teams. We have a great network of skilled and caring individuals working together to assist our statewide neighbors and visitors to Utah.

Further development will take place before the Utah Search and Rescue Assistance (USARA) card is available for purchase. Our goal is to have the card active mid-2017. The Search and Rescue Advisory Board would like to thank Senator Hinkins and Representative Albrecht for their diligent efforts to push the necessary updates forward in the 2017 Legislative Session. Without their dedication and support, we would be waiting another year for the card to activate. We appreciate the support of the sheriffs for this program. The Search and Rescue card will ease the financial burdens associated with sustaining county search and rescue teams. Stay tuned for further updates on the Utah Search and Rescue Assistance card.

Key statistics from the 2016 Search and Rescue Reimbursement Program include:

- \$293,228 total reimbursement to participating counties
- 24 counties submitting financial and statistical reports
- 644 reported missions by search and rescue team efforts

This year, we reimbursed 100% of eligible search and training requests and 20% of total equipment costs. With the additional funds from the USARA card, we hope to reimburse a higher percentage of equipment costs in 2018.

The Search and Rescue Advisory Board appreciates the time and dedication of all search and rescue teams throughout the state.

Sincerely,



Sheriff Steven White, Chair

### The Search and Rescue Advisory Board:

Steven White, Utah Sheriffs' Association, Chair

Jim Porter, Utah Sheriff's Search and Rescue Association, Co-Chair

Monte Coleman, Utah Sheriff's Search and Rescue Association

Nathan Curtis, Utah Sheriffs' Association

Cory Pulsipher, Utah Sheriffs' Association

Kris Hamlet, Director, Utah Division of Emergency Management

Anna Rae Garrett, Citizen-at-Large

### Board Support

Kevin Bolander, Legal Counsel, Utah Attorney General's Office

Tara Behunin, Admin Support, Utah Division of Emergency Management

(These members are appointed to meet the terms according to Section 53-2a-1103).

## 2016 Search and Rescue Annual Report

### The House Bill

In 1997, John L. Valentine sponsored House Bill 32, creating the Search and Rescue (SAR) Financial Assistance Program. The Act, relating to public safety, imposes a Search and Rescue surcharge or fee to off-highway registered or renewed vehicles, registered or renewed motorboats and sailboats, and annual wildlife habitat authorizations. These contributions are deposited into the State General Fund and dedicated to the Search and Rescue Financial Assistance Program.

These funds are available to reimburse counties for any reasonable costs incidental to search and rescue activities, not including any salary or overtime paid to any person on a regular or permanent payroll, including permanent part-time employees. Some of the approved costs are as follows:

- Rental for fixed wing aircraft, helicopters, snowmobiles, boats, and generators;
- Replacement and upgrade of search and rescue equipment;
- Training of search and rescue volunteers; and
- Any other equipment or expenses necessary or appropriate for conducting search and rescue activities.

The Search and Rescue Advisory Board has established the reporting requirements and reviews all submitted expenses.

Currently, the statutory reference, authority and requirements for the Search and Rescue Financial Assistance Program can be found in Utah State Code: 53-2a-1101 through 53-2a-1104.

### Search and Rescue Data

In Utah, each SAR mission is assigned a unique incident number to identify all reported events. All reports are filed with the Division of Emergency Management (DEM). The data from these incidents is entered into the SAR database and used to generate the statistics found in this report. The primary source of this data comes from the County Sheriffs' Offices, who respond to the majority of the missions in the state.

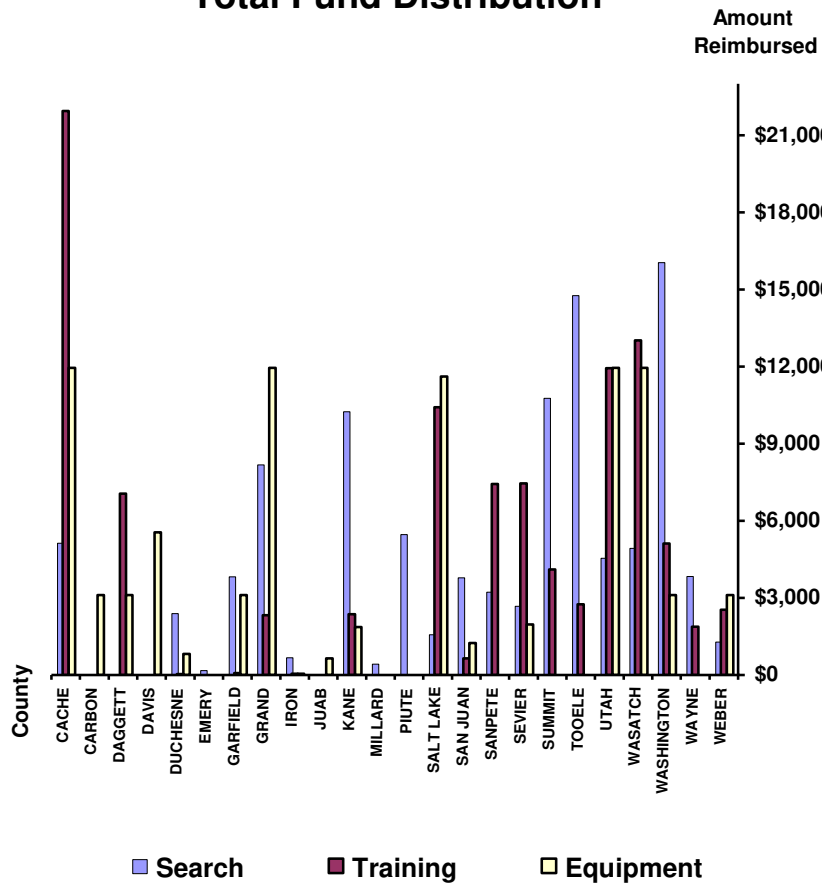
All the data found in this report is derived from the reports submitted by the county sheriffs. The database includes only partial data. If DEM does not receive a report, then the SAR missions for that county are not portrayed in the annual report.

## 2016 Search and Rescue Annual Report

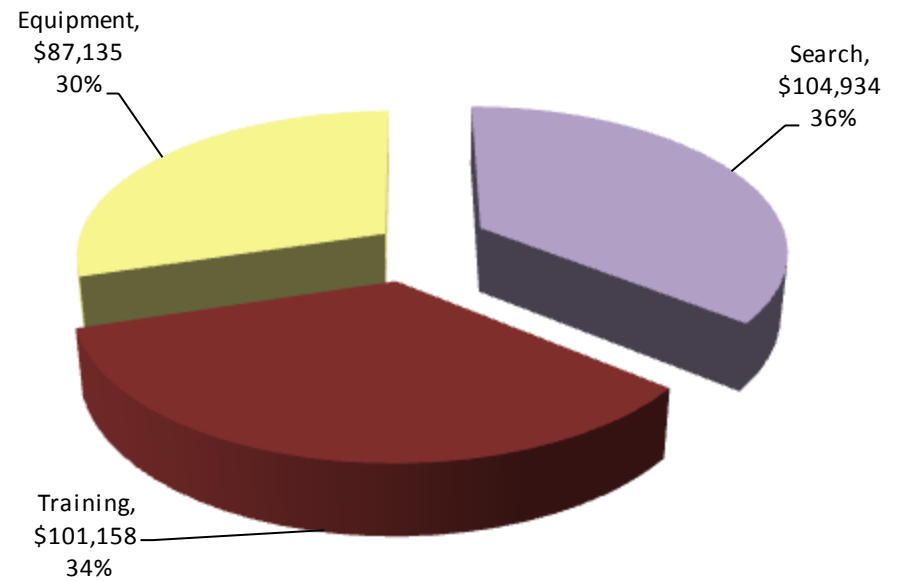
The following graph displays the total funds distributed to the counties for State Fiscal Year 2016.

This graph shows the total funds distributed according to how the money was spent for State Fiscal Year 2016.

### Total Fund Distribution



### Total Distribution



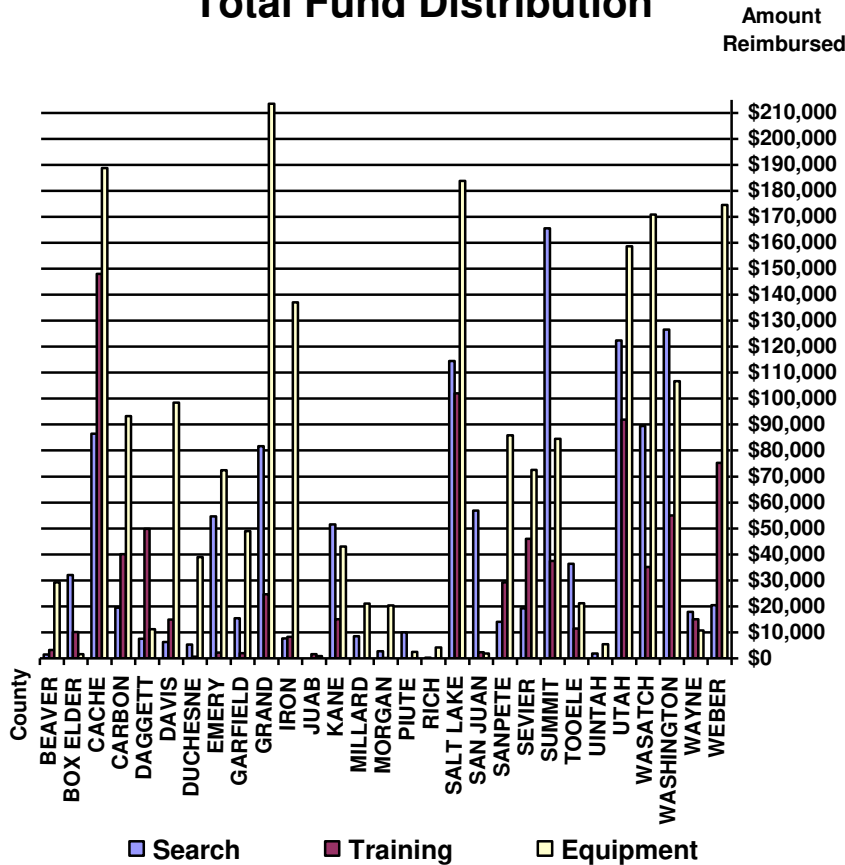
Total funds distributed in State Fiscal Year 2016 amounted to \$293,228.

## 2016 Search and Rescue Annual Report

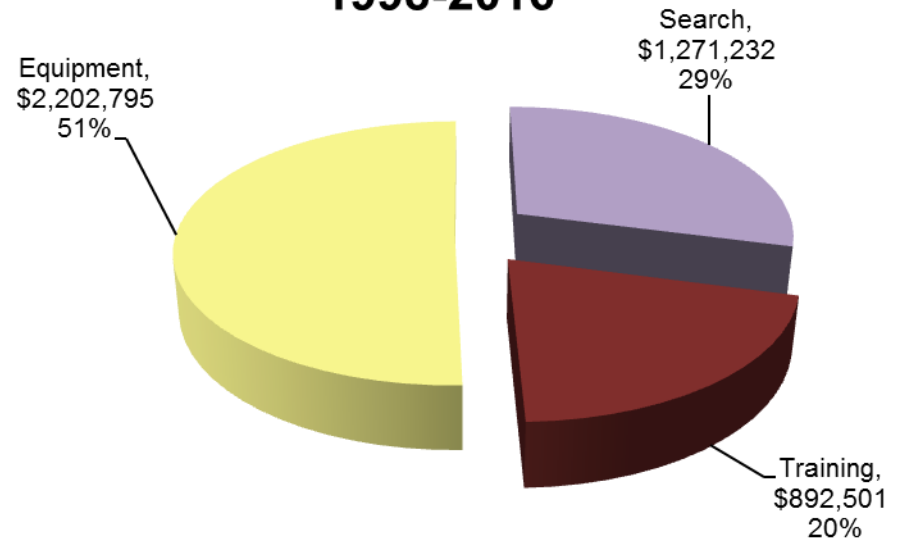
The following graph displays the total funds distributed to the counties for State Fiscal Years 1998 - 2016.

This graph shows the total funds distributed according to how the money was spent for State Fiscal Years 1998 - 2016.

### Total Fund Distribution



### Total Fund Distribution 1998-2016



Total funds distributed in State Fiscal Year 1998-2016 totals \$4,366,529.

## 2016 Search and Rescue Annual Report

This table identifies the amount of funding reimbursed to each county during 2016. Funding is broken down into the three eligible categories for reimbursement.

	<u>Search</u>	<u>Training</u>	<u>Equipment</u>
BEAVER	\$0	\$0	\$0
BOX ELDER	\$0	\$0	\$0
CACHE	\$5,180	\$21,948	\$11,948
CARBON	\$0	\$0	\$3,117
DAGGETT	\$0	\$7,053	\$3,117
DAVIS	\$0	\$0	\$5,549
DUCHESNE	\$2,437	\$41	\$816
EMERY	\$229	\$0	\$0
GARFIELD	\$3,875	\$75	\$3,117
GRAND	\$8,229	\$2,325	\$11,948
IRON	\$722	\$53	\$51
JUAB	\$0	\$0	\$649
KANE	\$10,295	\$2,361	\$1,865
MILLARD	\$477	\$0	\$0
MORGAN	\$0	\$0	\$0
PIUTE	\$5,516	\$0	\$0
RICH	\$0	\$0	\$0
SALT LAKE	\$1,624	\$10,416	\$11,608
SAN JUAN	\$3,829	\$648	\$1,251
SANPETE	\$3,278	\$7,434	\$0
SEVIER	\$2,729	\$7,460	\$1,973
SUMMIT	\$10,818	\$4,102	\$0
TOOELE	\$14,813	\$2,746	\$0
UINTAH	\$0	\$0	\$0
UTAH	\$4,591	\$11,941	\$11,948
WASATCH	\$4,983	\$13,020	\$11,948
WASHINGTON	\$16,099	\$5,119	\$3,117
WAYNE	\$3,881	\$1,878	\$0
WEBER	\$1,330	\$2,537	\$3,117

This table identifies the amount of funding reimbursed to each county between 1998 and 2016. Funding is broken down into the three eligible categories for reimbursement.

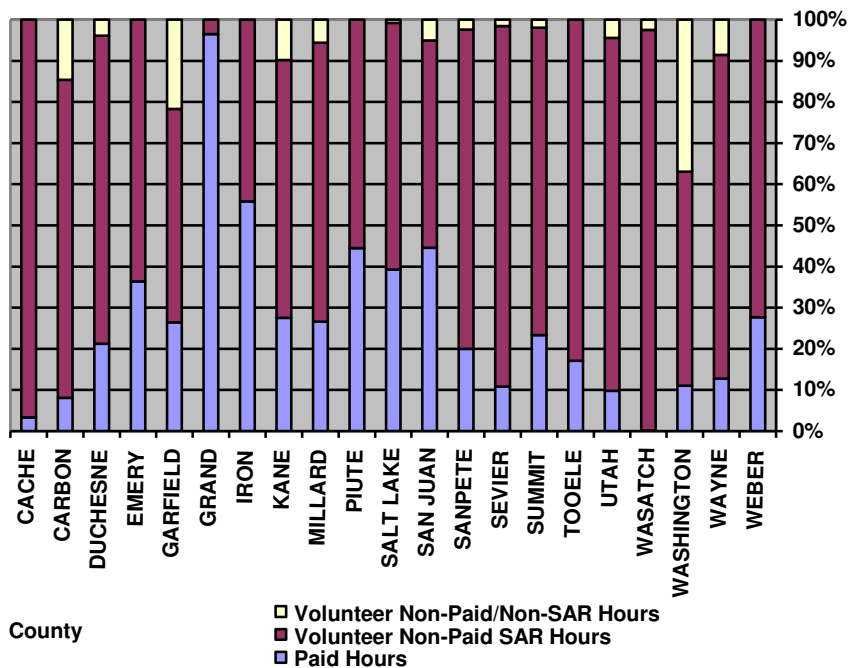
	<u>Search</u>	<u>Training</u>	<u>Equipment</u>
BEAVER	\$2,540	\$3,150	\$33,097
BOX ELDER	\$35,040	\$11,560	\$1,651
CACHE	\$89,890	\$158,447	\$203,556
CARBON	\$27,729	\$40,143	\$93,227
DAGGETT	\$8,625	\$63,221	\$12,366
DAVIS	\$6,348	\$15,064	\$113,234
DUCHESNE	\$5,581	\$574	\$39,313
EMERY	\$54,675	\$2,204	\$76,270
GARFIELD	\$17,959	\$1,973	\$52,780
GRAND	\$89,920	\$26,189	\$224,324
IRON	\$9,365	\$8,234	\$140,875
JUAB	\$0	\$3,527	\$4,712
KANE	\$55,455	\$22,036	\$46,144
MILLARD	\$8,826	\$0	\$23,939
MORGAN	\$4,077	\$98	\$20,320
PIUTE	\$9,983	\$0	\$6,380
RICH	\$210	\$0	\$4,148
SALT LAKE	\$123,609	\$105,885	\$184,700
SAN JUAN	\$60,019	\$2,331	\$1,879
SANPETE	\$14,009	\$30,526	\$88,977
SEVIER	\$21,031	\$54,060	\$75,536
SUMMIT	\$177,996	\$40,133	\$84,717
TOOELE	\$36,945	\$14,535	\$24,031
UINTAH	\$1,805	\$0	\$5,425
UTAH	\$129,745	\$96,890	\$171,958
WASATCH	\$92,037	\$35,121	\$170,864
WASHINGTON	\$139,699	\$58,860	\$109,326
WAYNE	\$25,593	\$15,093	\$10,732
WEBER	\$22,522	\$82,678	\$178,416

## 2016 Search and Rescue Annual Report

This graph depicts the total work hours as a percentage for 2016 by county. The types of work include volunteer non-paid/non-SAR hours, volunteer non-paid SAR hours, and paid hours.

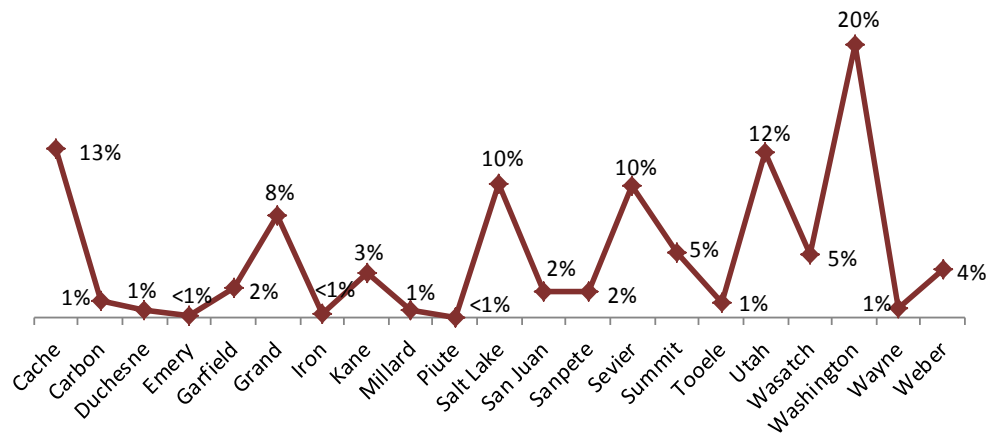
This graph represents the percentage of overall statewide hours worked by each county during 2016.

### Total Hours Worked as a Percentage



Total volunteer non-paid/non-SAR = 4,596 hours  
 Total volunteer non-paid SAR = 32,081 hours  
 Total paid personnel = 10,355 hours

### Total Hours Worked



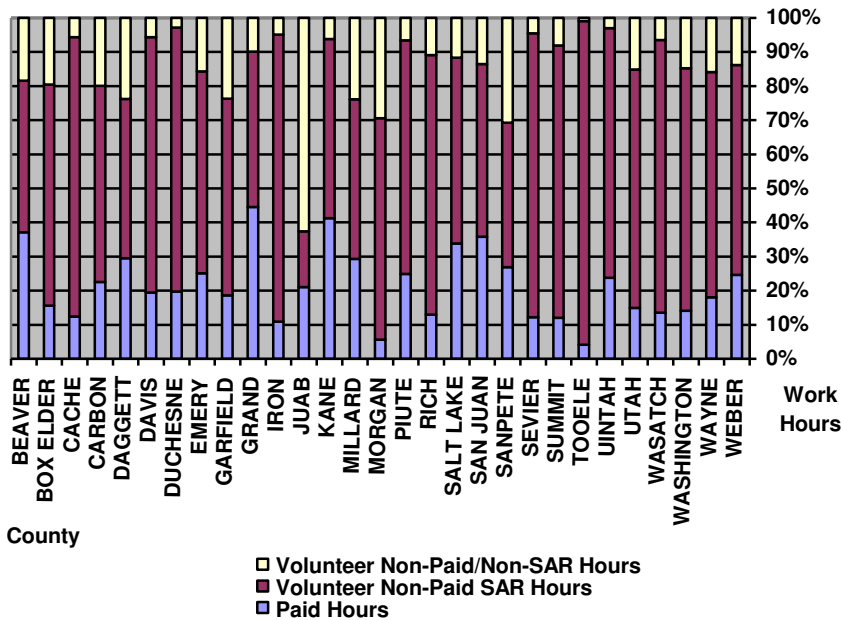
Total personnel hours for the state in the year of 2016 amounted to 47,031 hours.

## 2016 Search and Rescue Annual Report

This graph depicts the total work hours, as a percentage, for 1998 - 2016 by county. The types of work include volunteer non-paid/non-SAR hours, volunteer non-paid SAR hours, and paid hours.

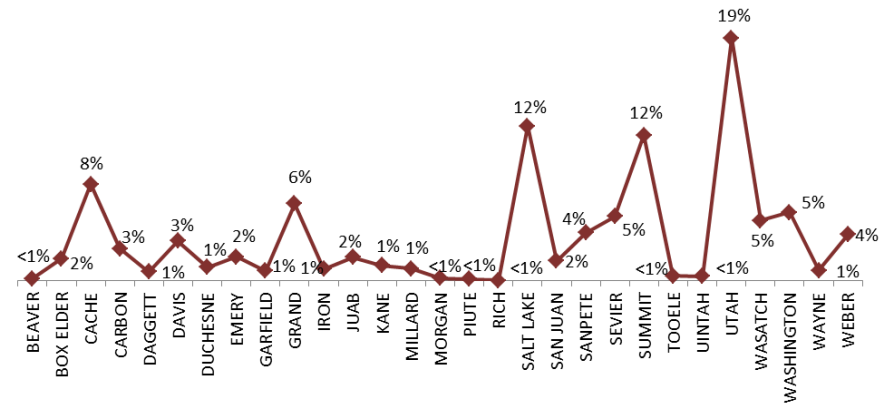
This graph represents the percentage of overall statewide hours worked by each county from 1998-2016.

### Total Hours Worked as a Percentage



Total volunteer non-paid/non-SAR = 106,378 hours  
 Total volunteer non-paid SAR= 544,437 hours  
 Total paid = 170,025 hours

### Total Hours Worked



Total personnel hours for state in years 1998 through 2016 amounted to 820,839 hours.

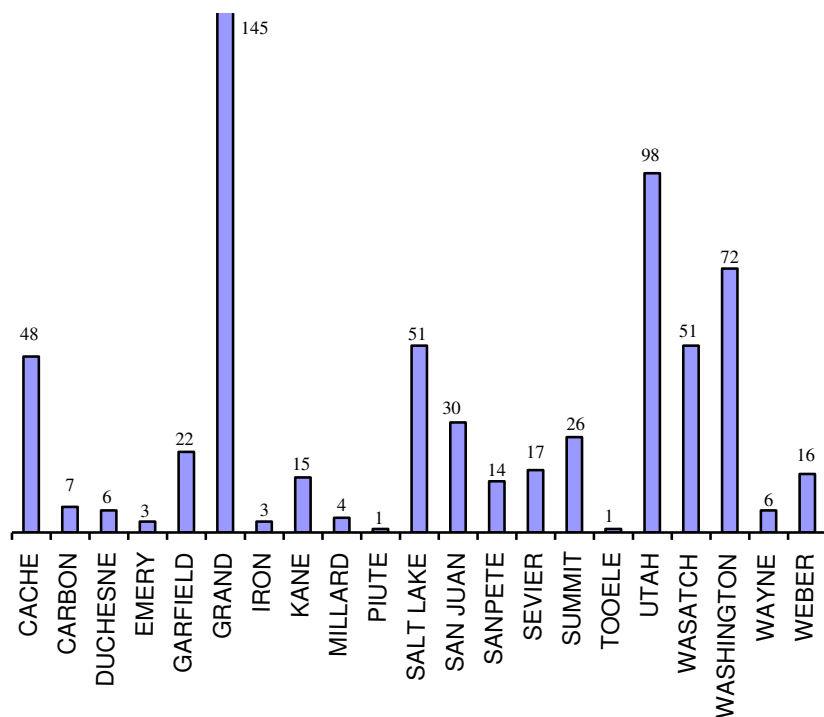


## 2016 Search and Rescue Annual Report

This graph depicts the number of SAR missions occurring by county during state year 2016.

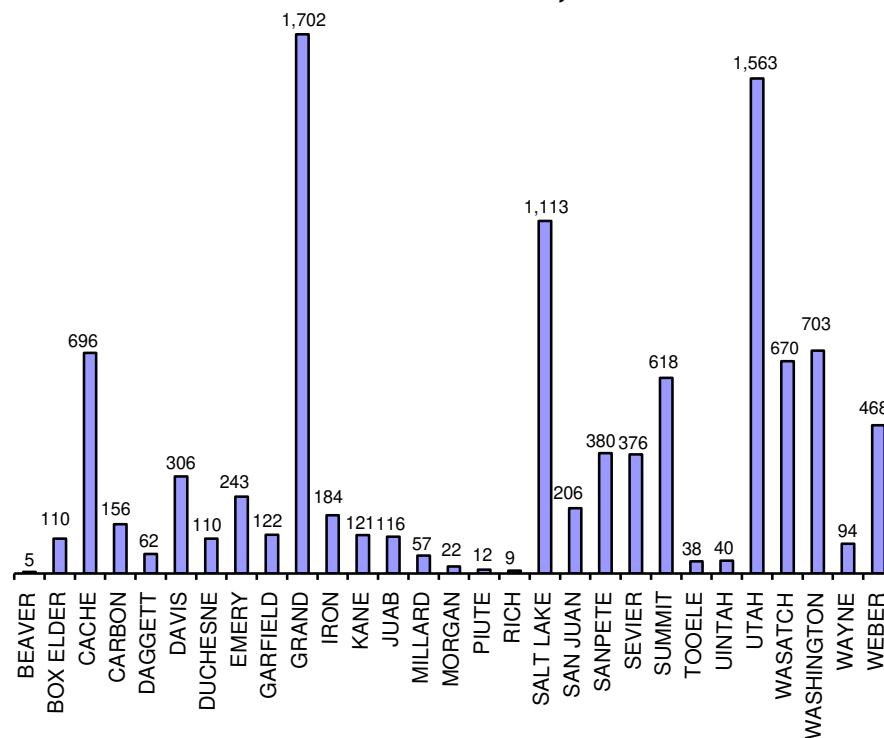
This graph depicts the number of SAR missions occurring by county for state year's 1998 - 2016.

### Number of Missions in 2016



There were a total of 644 missions submitted to the SAR Advisory Board for state year 2016.

### Number of Missions, 1998-2016

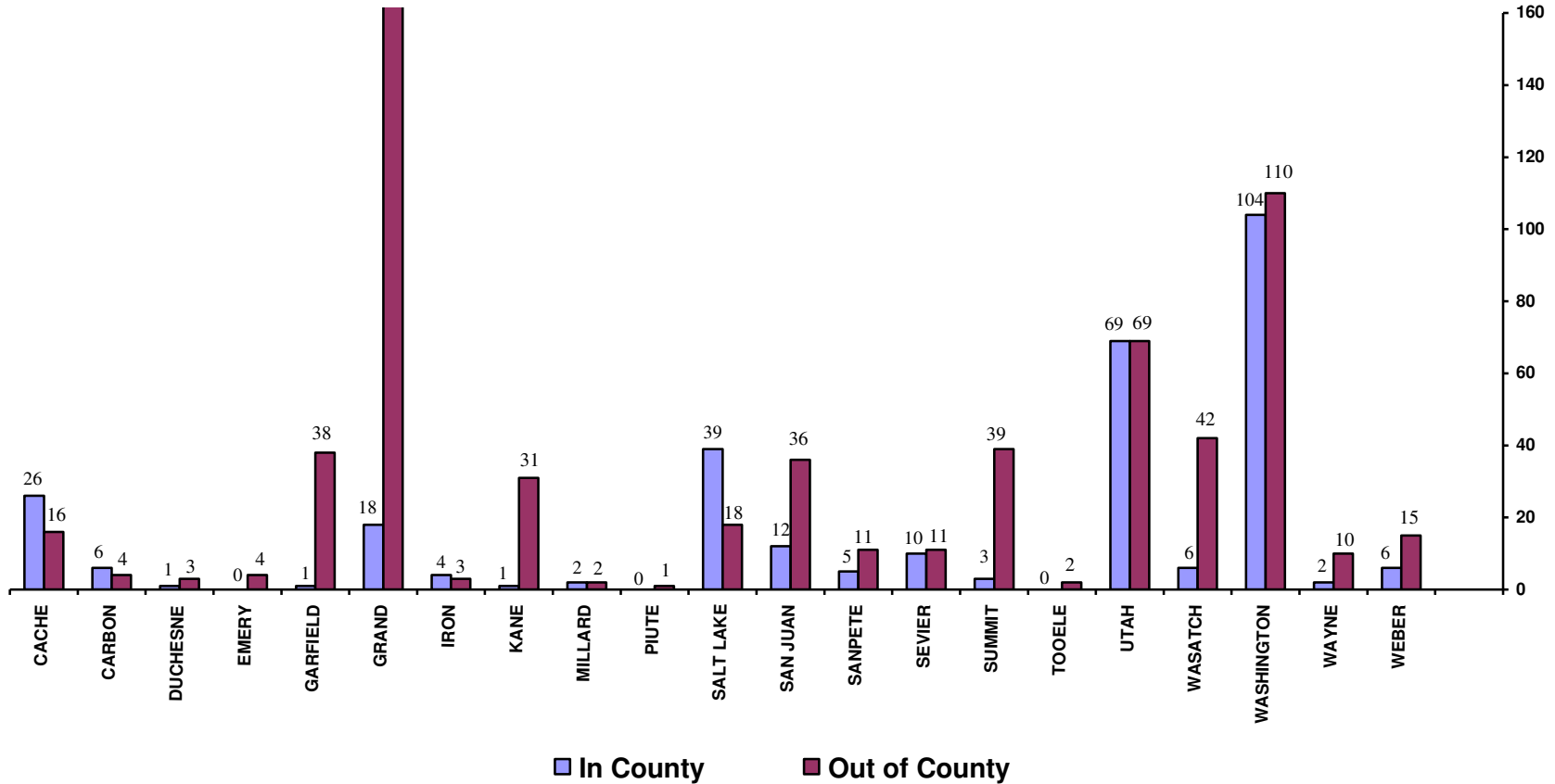


There were a total of 10,309 missions submitted to the SAR Advisory Board from 1998-2016.

## 2016 Search and Rescue Annual Report

This graph depicts the residency of the victims on the SAR reports for 2016\*. It explains whether the victims are from the county where the search was conducted or from outside of that county.

### Victims Residence in 2016



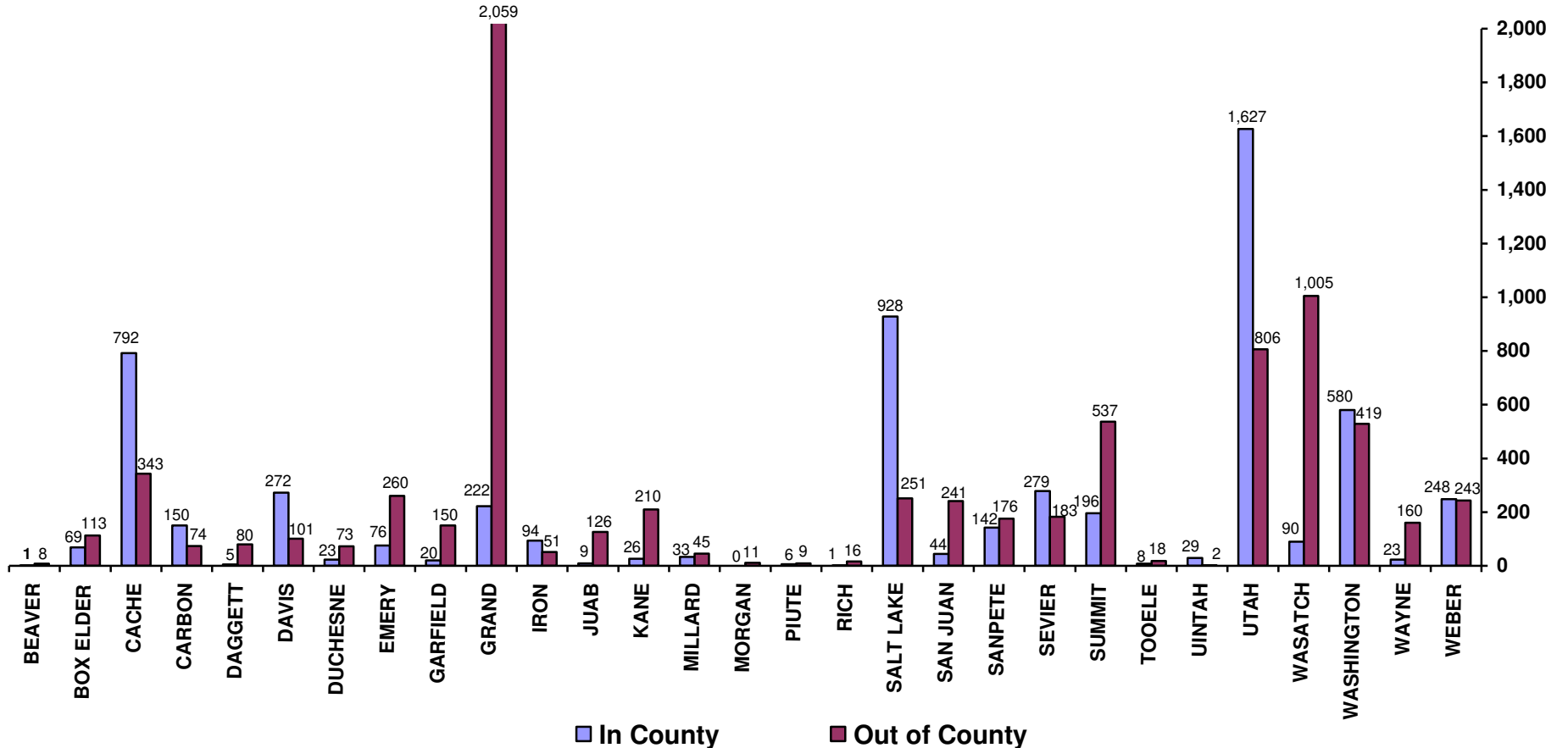
The total number of victims who live in the counties where the search took place was 315. Sixty-seven percent of victims (641 total) were rescued in a county in which they do not reside.

\*Based on submitted information

## 2016 Search and Rescue Annual Report

This graph depicts the residency of the victims on the SAR reports from 1998 through 2016. It explains whether the victims are from the county where the search was conducted or from outside of that county.

### Victims' Residence, 1998 - 2016



The total number of victims who live in the counties where the search took place is 5,993.

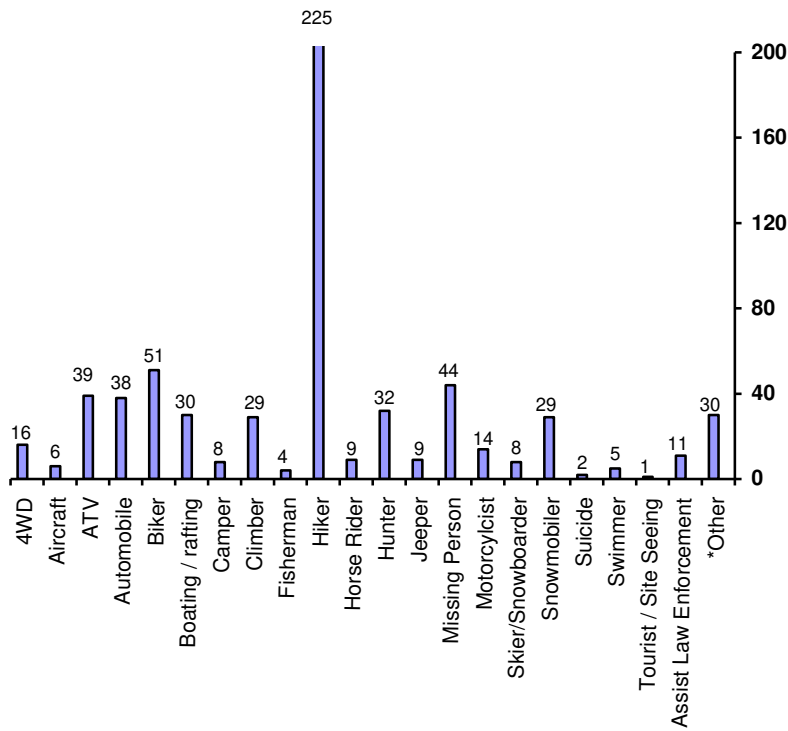
The total number of victims who live outside of the counties is 8,181.

## 2016 Search and Rescue Annual Report

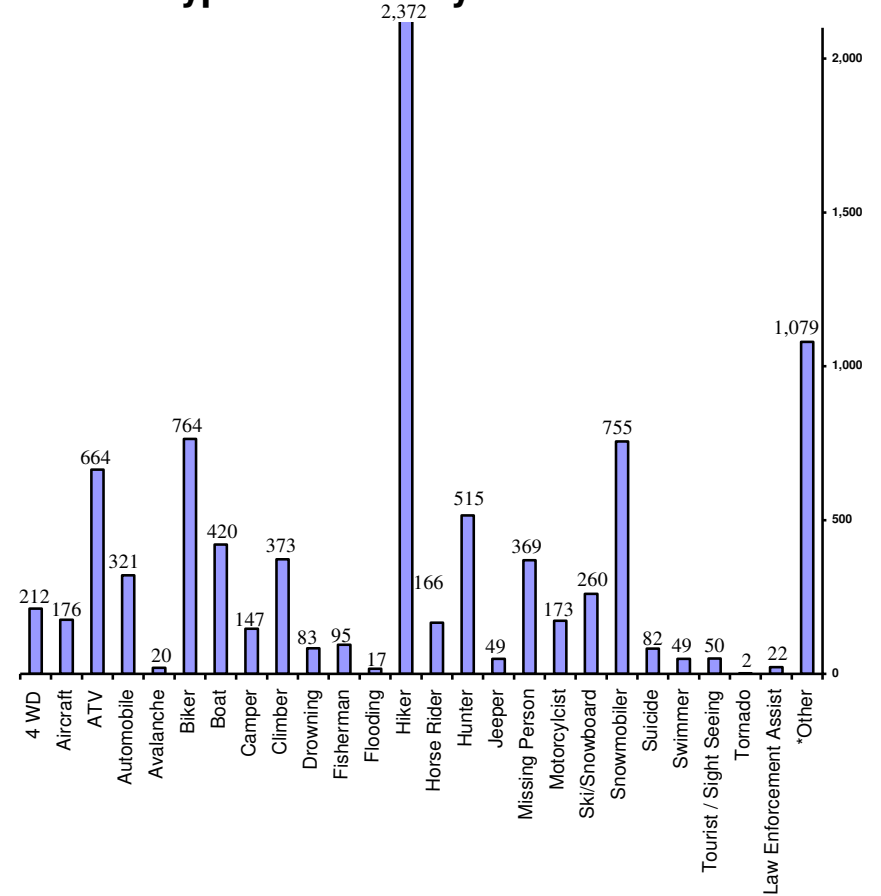
This graph displays the various activities that required the assistance of the Search and Rescue teams during 2016.

This graph shows the types of activities that required the assistance of the Search and Rescue teams from 1998-2016.

### Types of Activity in 2016



### Types of Activity in 1998 - 2016



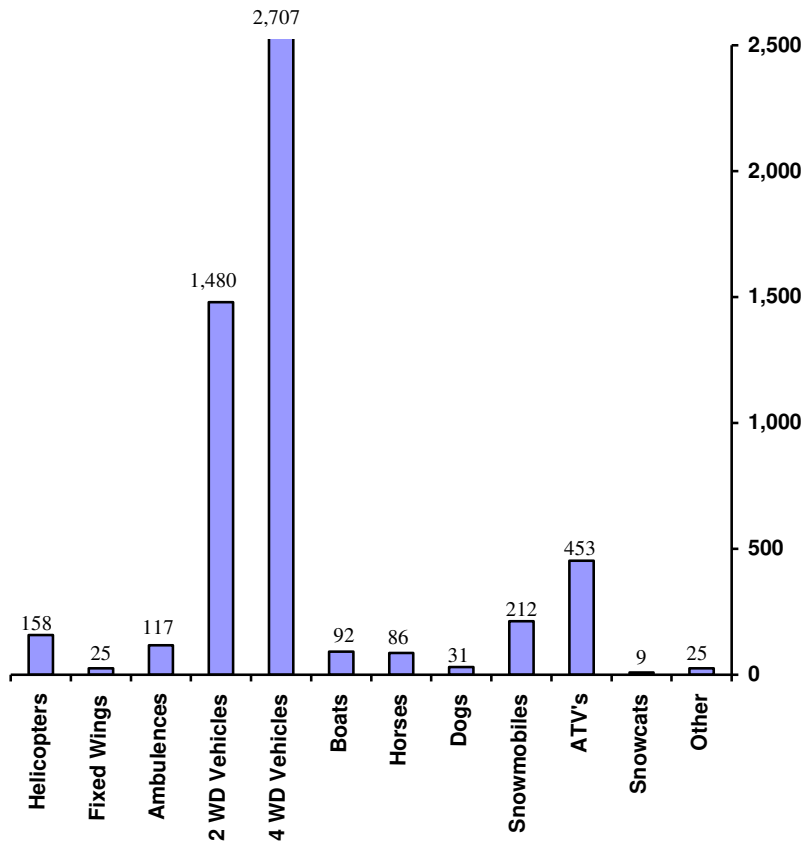
\*The high number of "Other" is due to "N/A" responses in the Activity Report.

## 2016 Search and Rescue Annual Report

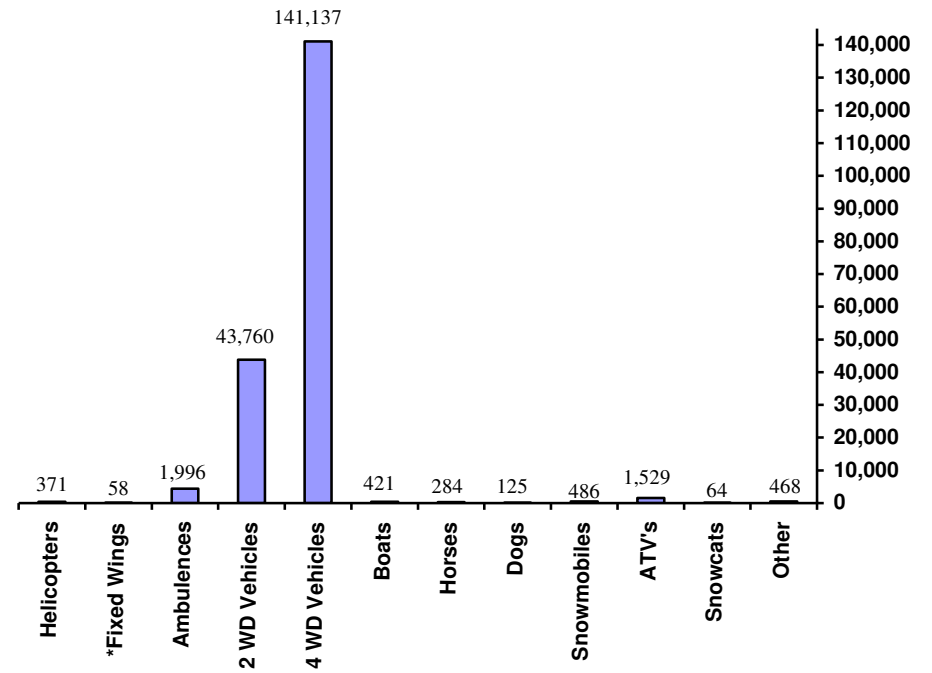
This graph depicts the type of transportation utilized by Search and Rescue teams in 2016.

This graph depicts the number of hours or miles for the various types of transportation utilized in 2016.

### Types of Transportation in 2016



### Hours or Miles Reported in 2016



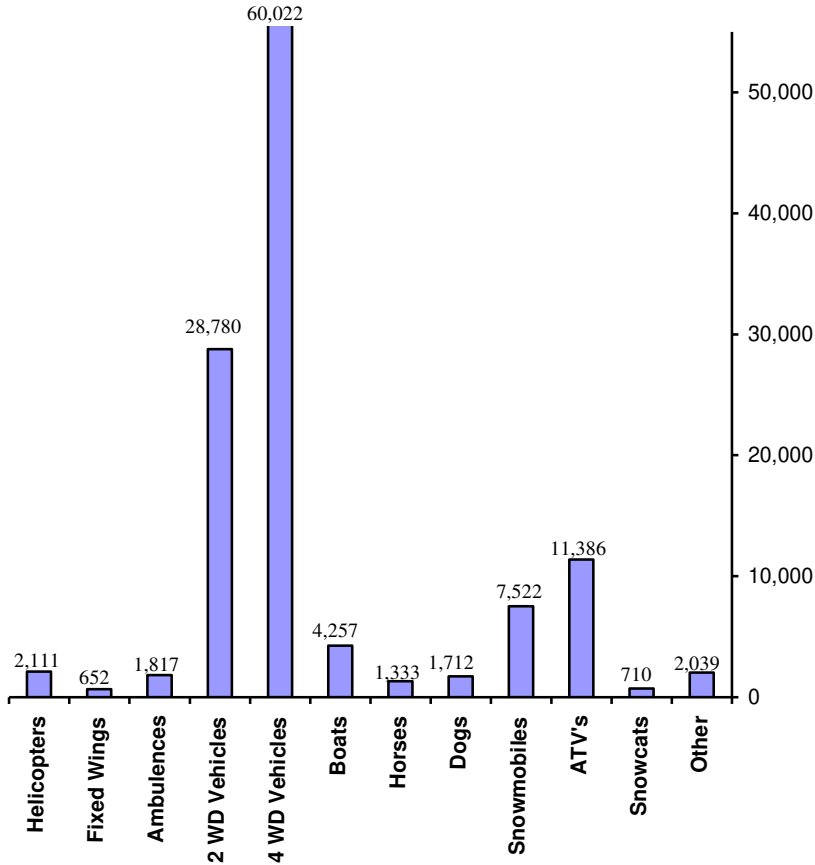
Helicopters, fixed wings, boats, horses, dogs and snowcats are reported in hours. The other types of transportation are reported in miles.

## 2016 Search and Rescue Annual Report

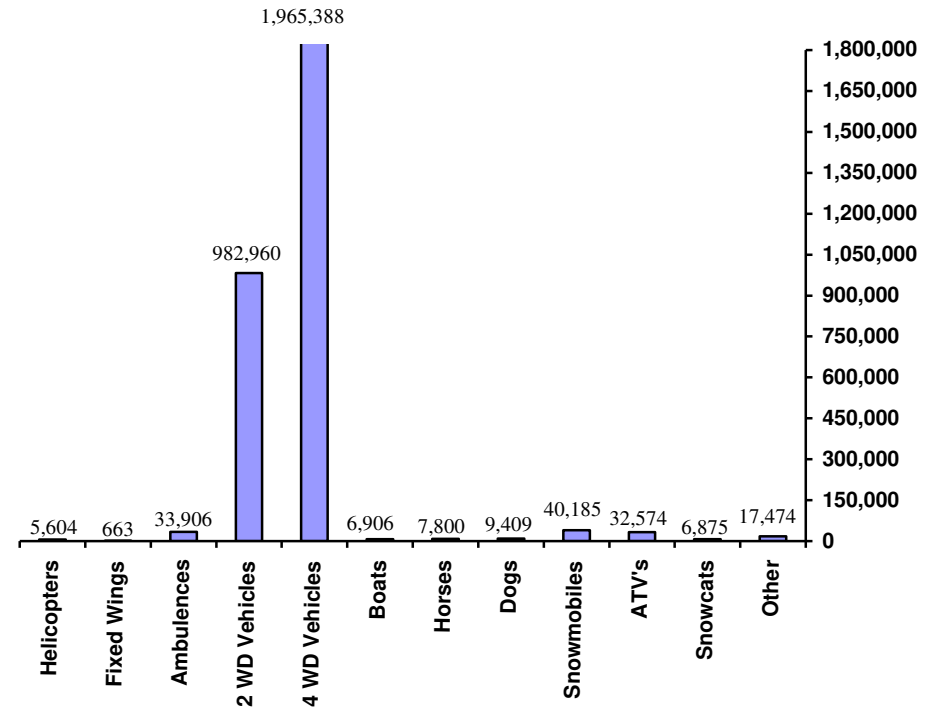
This graph depicts the type of transportation utilized by Search and Rescue teams from 1998-2016.

This graph depicts the number of hours or miles for the different transportation types utilized from 1998 through 2016.

**Types of Transportation, 1998 - 2016**



**Hours or Miles Reported, 1998 - 2016**



Helicopters, fixed wings, boats, horses, dogs and snowcats are reported in hours. The other transportation is reported in miles.