

2011 Search and Rescue Annual Report

Note from the Chairman:

The Search and Rescue Advisory Board is quickly approaching fourteen years of service to the Sheriffs throughout Utah. This Board oversees the reimbursement of county funds expended in Search and Rescue operations. Since the inception in 1997, Search and Rescue units throughout the state have been able to serve on average 750 victims each year. In addition, those Search and Rescue units have received hundreds of hours of training and the upgraded equipment needed.

The demand on these resources continues to grow as the population of the state grows and with that the desire to recreate close to home and to bring visitors in to enjoy the beauties of Utah. This program is one of the most successful, if not the most successful, programs in the nation.

I am pleased to showcase the 2011 Annual Report. As you review all of the charts and information, remember the number of dedicated volunteer hours and the number of victims that have been rescued. This report is meant to give that recognition and to give an accounting of these precious tax dollars.

On behalf of the Advisory Board let me thank those who work to maintain the funding and provide the services rendered. I appreciate the dedication of the Board members and the great staff that keeps the Board up to date and prepares this and other valuable reports.

Sincerely,



Sheriff G. Lynn Nelson, Chair

The Search and Rescue Advisory Board:

Sheriff Lynn Nelson, Utah Sheriffs Association, Chairman

Jim Porter, Utah Search and Rescue Association, Co-Chairman

Monte Coleman, Utah Search and Rescue Association

Cory Pulsipher, Utah Search and Rescue Association

Sheriff Steven White, Utah Sheriff's Association

Keith Squires, Director, Division of Emergency Management

Kris Hamlet, Deputy Director, Division of Emergency Management

Deb Burcombe, Citizen-at-Large

Lana Taylor, Legal Counsel

(*These members are appointed to meet the terms according to Section 53-2-108 of House Bill 32)

2011 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.

Search and Rescue Data

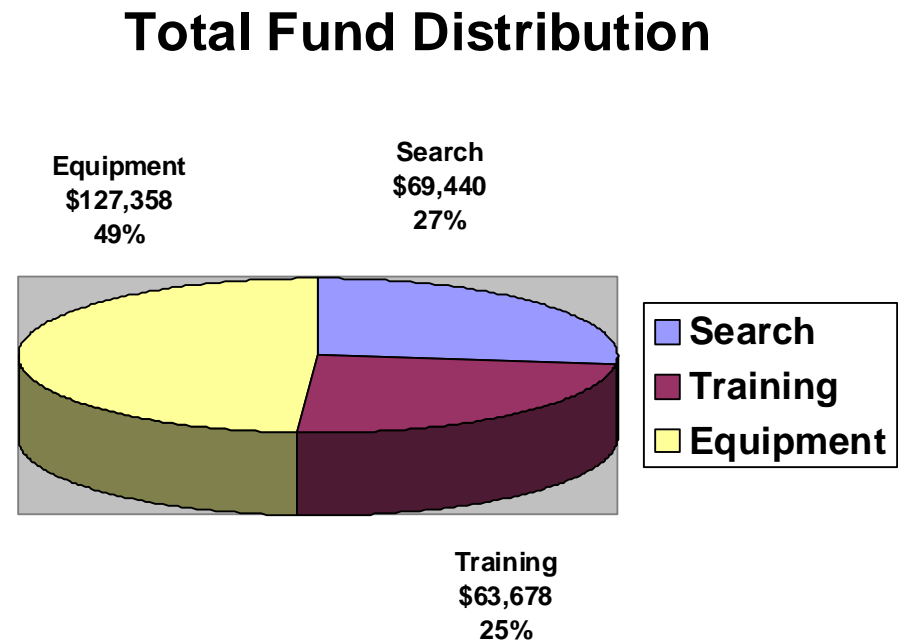
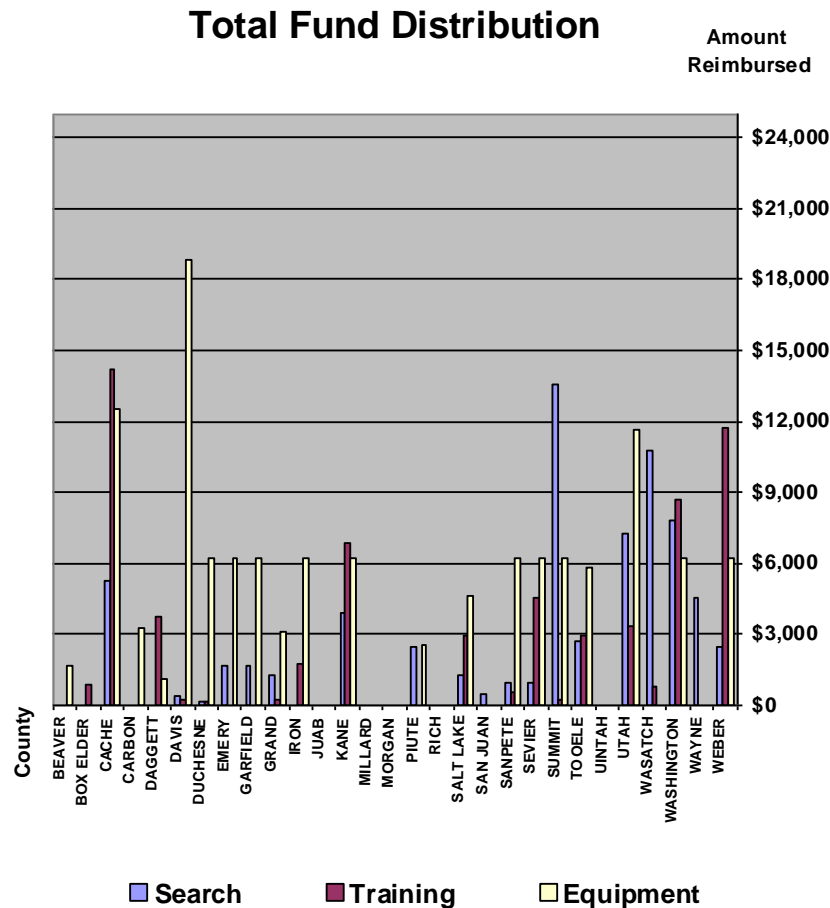
In Utah, each SAR mission is assigned a unique incident number to identify all reported events. All reports are filed with the Division of Emergency Management (DEM). The data from these incidents is entered into the SAR database and used to generate the statistics found in this report. The primary source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

2011 Search and Rescue Annual Report

The following graph displays the total funds distributed to the counties for State Fiscal Year 2011.

This graph shows the total funds distributed according to how the money was spent for State Fiscal Year 2011.



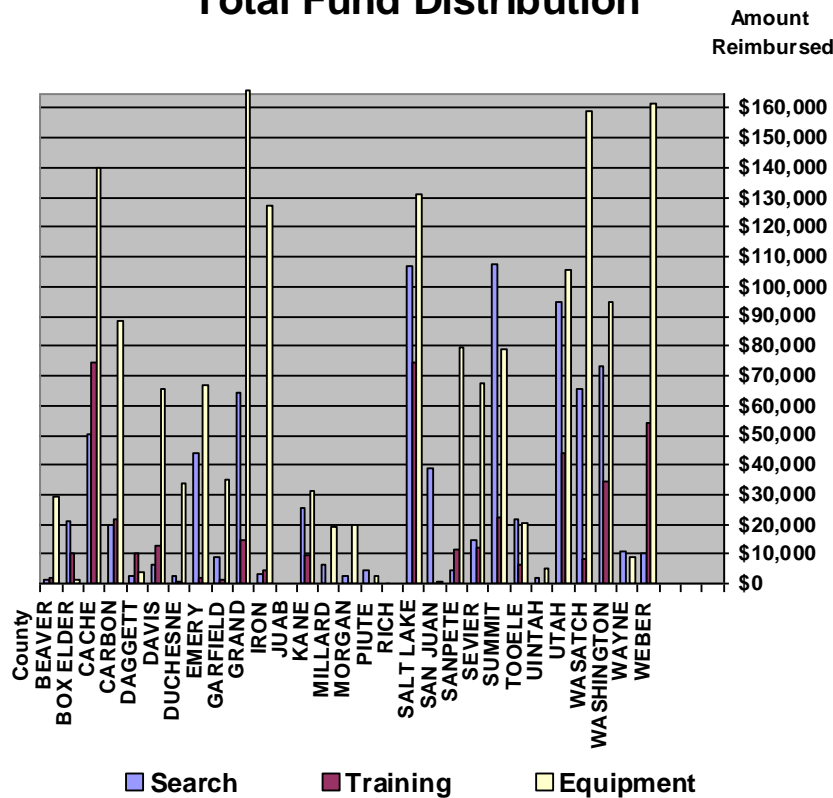
Total funds distributed in State Fiscal Year 2011 amounted to \$260,477

2011 Search and Rescue Annual Report

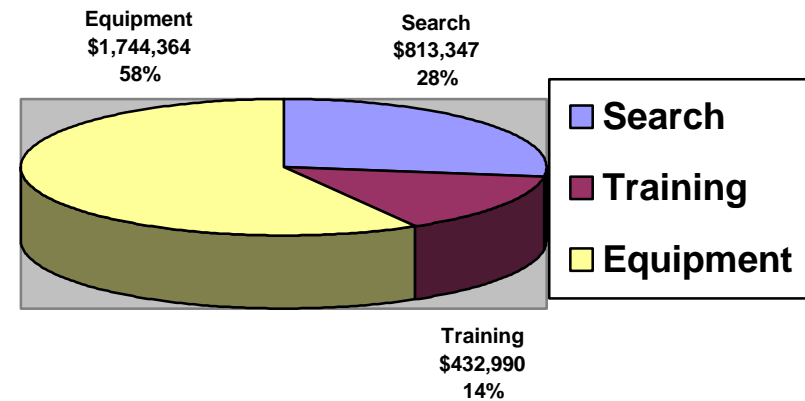
The following graph displays the total funds distributed to the counties for State Fiscal Years 1998 - 2011.

This graph shows the total funds distributed according to how the money was spent for State Fiscal Years 1998 - 2011.

Total Fund Distribution



Total Fund Distribution



Total funds distributed in State Fiscal Year 1998-2011 totaled \$2,990,701

2011 Search and Rescue Annual Report

This table identifies the amount of funding reimbursed to each county during 2011. Funding is broken down into the three eligible categories for reimbursement.

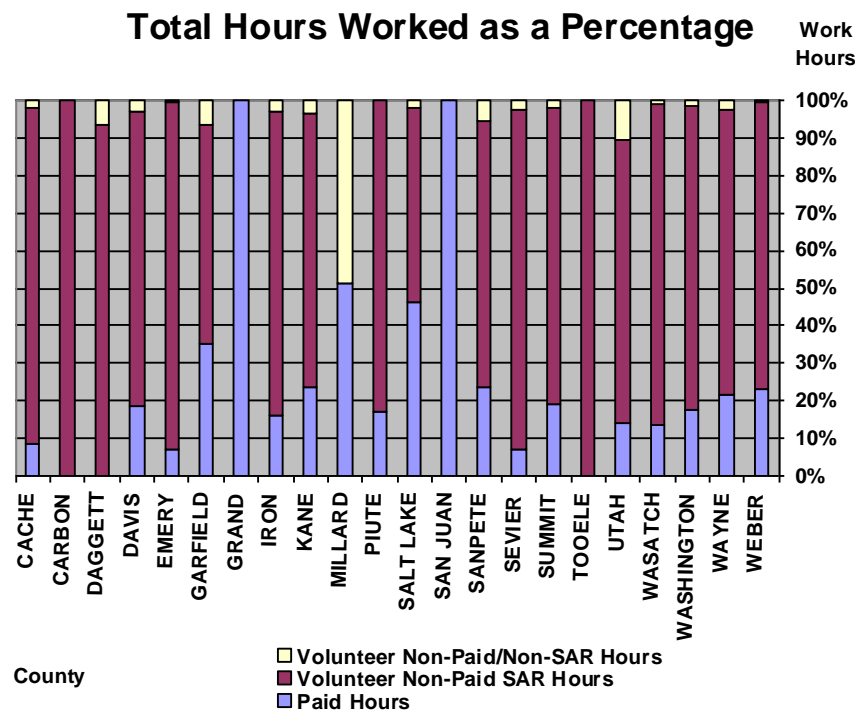
	Search	Training	Equipment
BEAVER	\$0	\$0	\$1,635
BOX ELDER	\$0	\$860	\$0
CACHE	\$5,281	\$22,757	\$12,512
CARBON	\$0	\$0	\$3,237
DAGGETT	\$0	\$3,722	\$1,118
DAVIS	\$345	\$218	\$18,810
DUCHESNE	\$114	\$155	\$6,232
EMERY	\$1,675	\$0	\$6,232
GARFIELD	\$1,650	\$0	\$6,232
GRAND	\$1,242	\$189	\$3,128
IRON	\$0	\$1,773	\$6,232
JUAB	\$0	\$0	\$0
KANE	\$3,900	\$6,841	\$6,232
MILLARD	\$0	\$0	\$0
MORGAN	\$0	\$0	\$0
PIUTE	\$2,453	\$0	\$2,515
RICH	\$0	\$0	\$0
SALT LAKE	\$1,281	\$2,911	\$4,642
SAN JUAN	\$497	\$0	\$0
SANPETE	\$922	\$573	\$6,232
SEVIER	\$973	\$4,527	\$6,232
SUMMIT	\$13,576	\$243	\$6,232
TOOELE	\$0	\$2,389	\$6,683
UINTAH	\$0	\$0	\$0
UTAH	\$7,253	\$3,328	\$11,654
WASATCH	\$10,765	\$798	\$0
WASHINGTON	\$7,848	\$8,692	\$6,216
WAYNE	\$4,516	\$0	\$0
WEBER	\$2,474	\$11,730	\$6,232

This table identifies the amount of funding reimbursed to each county between 1998 & 2011. Funding is broken down into the three eligible categories for reimbursement.

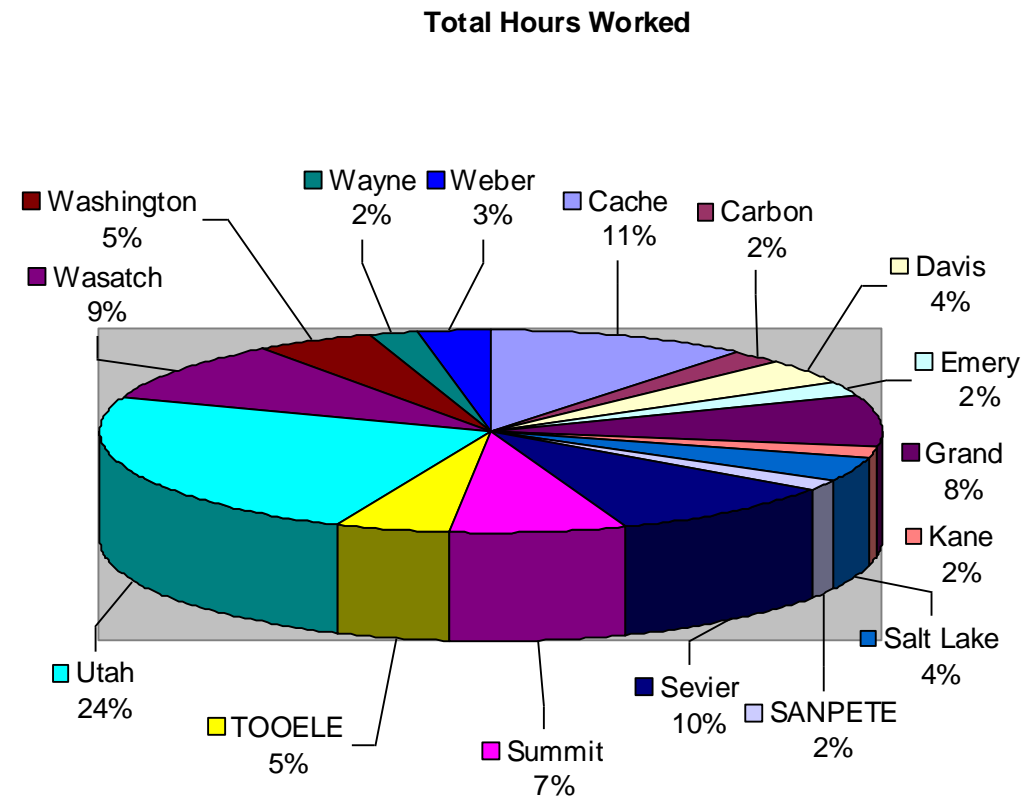
	Search	Training	Equipment
BEAVER	\$1,278	\$1,942	\$29,232
BOX ELDER	\$20,842	\$10,124	\$1,651
CACHE	\$50,207	\$82,956	\$140,282
CARBON	\$19,455.51	\$21,880	\$88,251
DAGGETT	\$2,326	\$10,142	\$4,252
DAVIS	\$6,217	\$12,846	\$65,346
DUCHESNE	\$2,583	\$497	\$33,857
EMERY	\$43,707	\$2,112	\$66,572
GARFIELD	\$9,307	\$1,029	\$35,152
GRAND	\$64,296	\$14,949	\$165,864
IRON	\$3,110	\$4,441	\$127,362
JUAB	\$0	\$0	\$0
KANE	\$25,316	\$9,602	\$31,222
MILLARD	\$6,106	\$0	\$19,370
MORGAN	\$2,727	\$98	\$19,443
PIUTE	\$4,467	\$0	\$2,515
RICH	\$210	\$0	\$0
SALT LAKE	\$106,986	\$74,660	\$131,328
SAN JUAN	\$38,730	\$300	\$628
SANPETE	\$4,734	\$11,819	\$79,817
SEVIER	\$14,589	\$12,049	\$67,618
SUMMIT	\$107,692	\$22,651	\$78,680
TOOELE	\$21,625	\$6,609	\$20,637
UINTAH	\$1,805	\$0	\$5,425
UTAH	\$94,993	\$43,894	\$105,853
WASATCH	\$65,804	\$8,525	\$158,916
WASHINGTON	\$73,097	\$34,283	\$94,656
WAYNE	\$10,750	\$74	\$8,984
WEBER	\$10,387	\$54,054	\$161,453

2011 Search and Rescue Annual Report

This graph depicts the total work hours as a percentage for 2011 by county. The types of work include volunteer non-paid/non-SAR hours, volunteer non-paid SAR hours, and paid hours.



Total volunteer non-paid/non-SAR = 1,240 hours
Total volunteer non-paid SAR = 24,425 hours

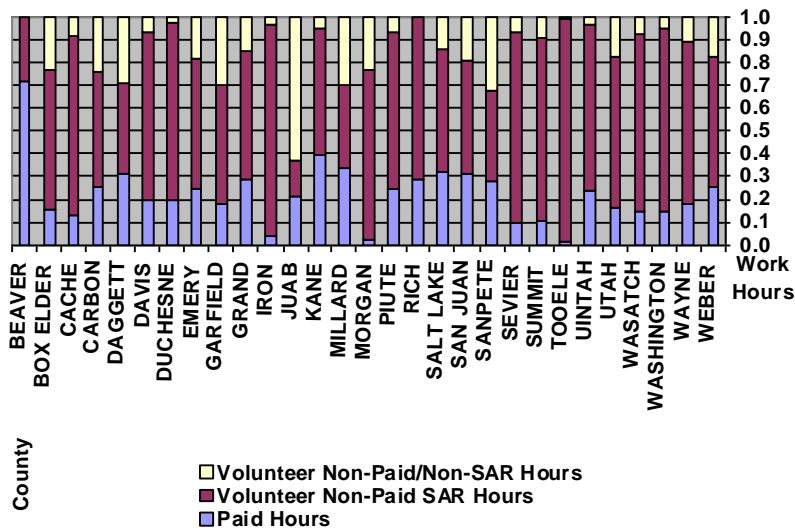


This graph represents the same data for total search and rescue hours worked by each county during 2011. Total personnel hours for the state in the year of 2011 amounted to 32,711 hours.
Total paid personnel= 7,046 hours

2011 Search and Rescue Annual Report

This graph depicts the total work hours, as a percentage, for 1998 - 2011 by county. The types of work include volunteer non-paid/non-SAR hours, volunteer non-paid SAR hours, and paid hours.

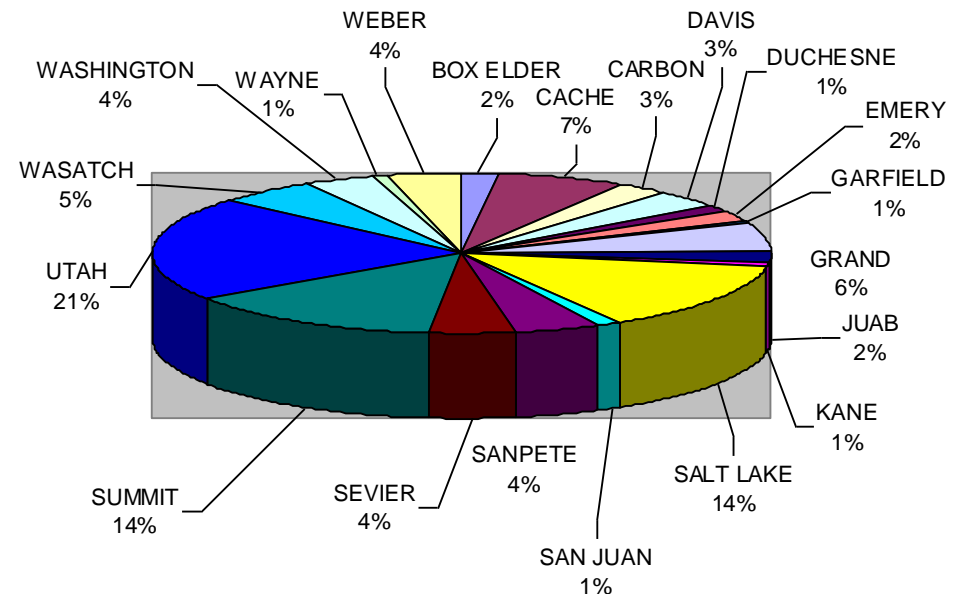
Total Hours Worked as a Percentage



Total volunteer non-paid/non-SAR = 93,748 hours
 Total volunteer non-paid SAR = 407,397 hours
 Total paid = 122,956 hours

This graph represents the same data for total hours worked by county.

Total Hours Worked

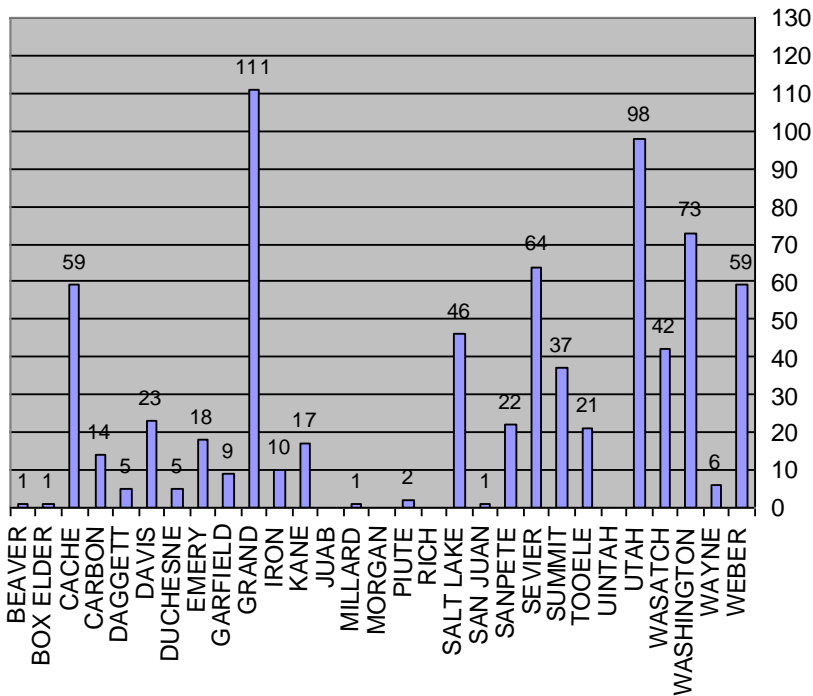


Total personnel hours for state in years 1998 through 2011 amounted to 624,101 hours.

2011 Search and Rescue Annual Report

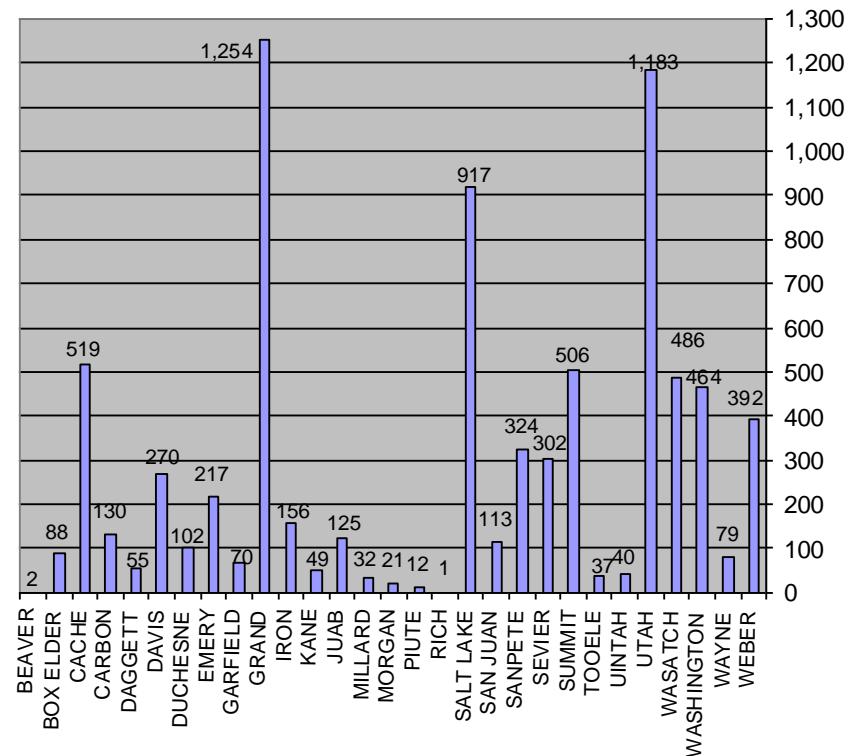
This graph depicts the number of SAR missions occurring by county during state year 2011.

Number of Missions in 2011



There were a total of 745 missions submitted to the SAR Committee for state year 2011. This graph depicts the number of SAR missions occurring by county for state year's 1998 - 2011.

Number of Missions, 1998 - 2011

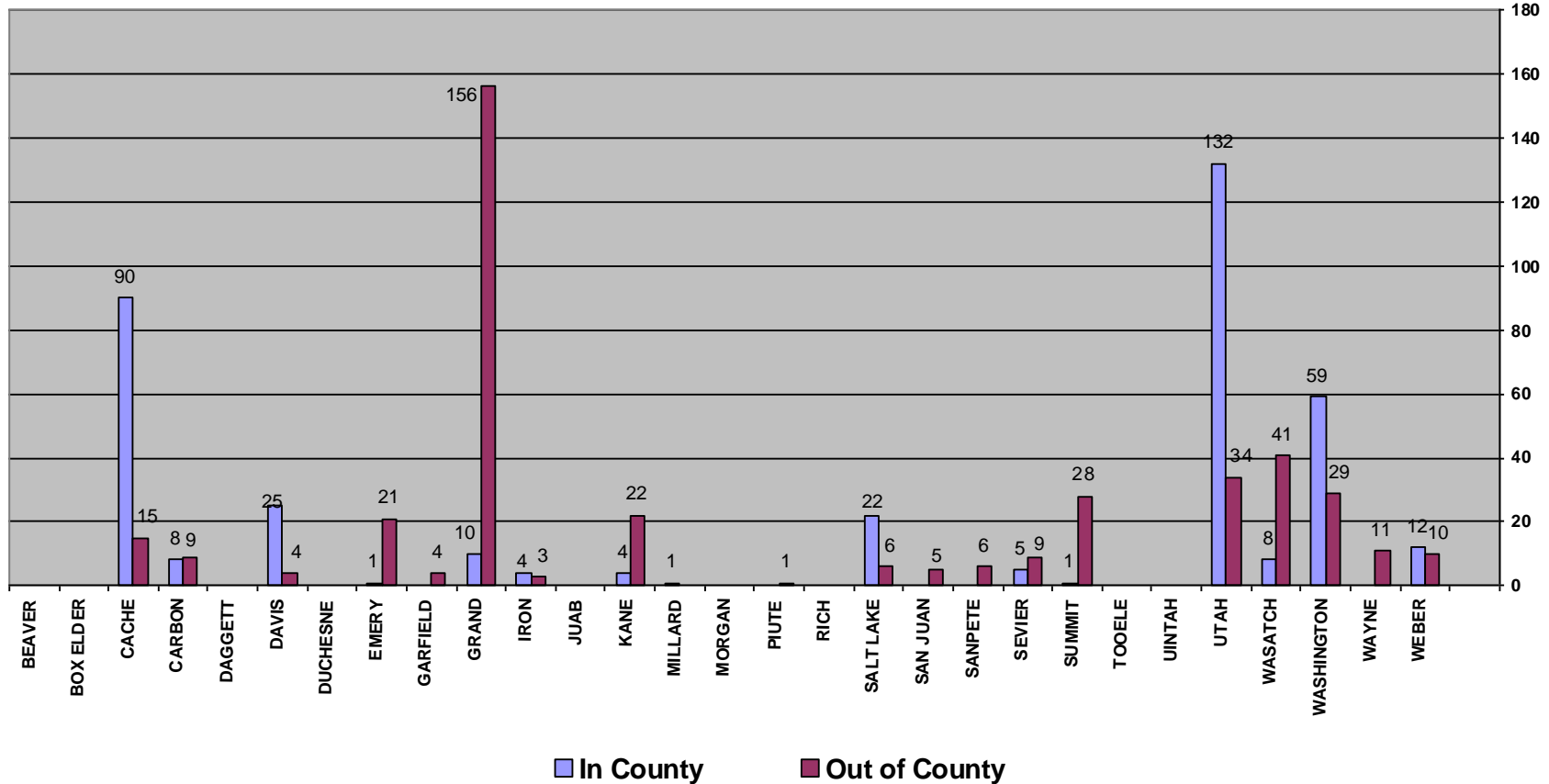


There were a total of 7,464 missions submitted to the SAR Committee for year's 1998 - 2011.

2011 Search and Rescue Annual Report

This graph depicts the residency of the victims on the SAR reports for 2011. It explains whether the victims are from the county where the search was performed or from outside of that county.

Victims Residence in 2011

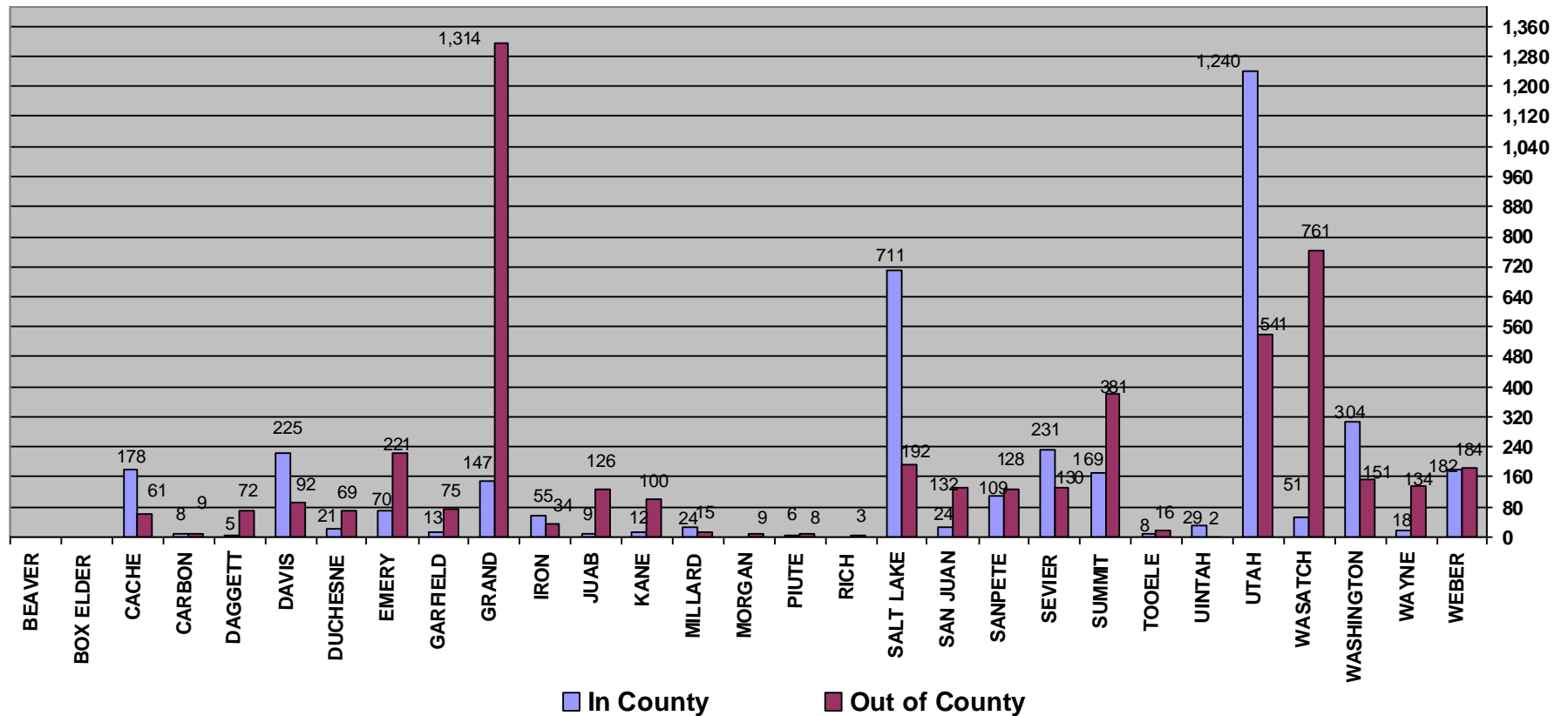


The total number of victims who live in the counties where the search took place is 382.
 The total number of victims who live outside of the counties is 414.

2011 Search and Rescue Annual Report

This graph depicts the residency of the victims on the SAR reports from 1998 through 2011. It explains whether the victims are from the county where the search was performed or from outside of that county.

Victims' Residence, 1998 - 2011

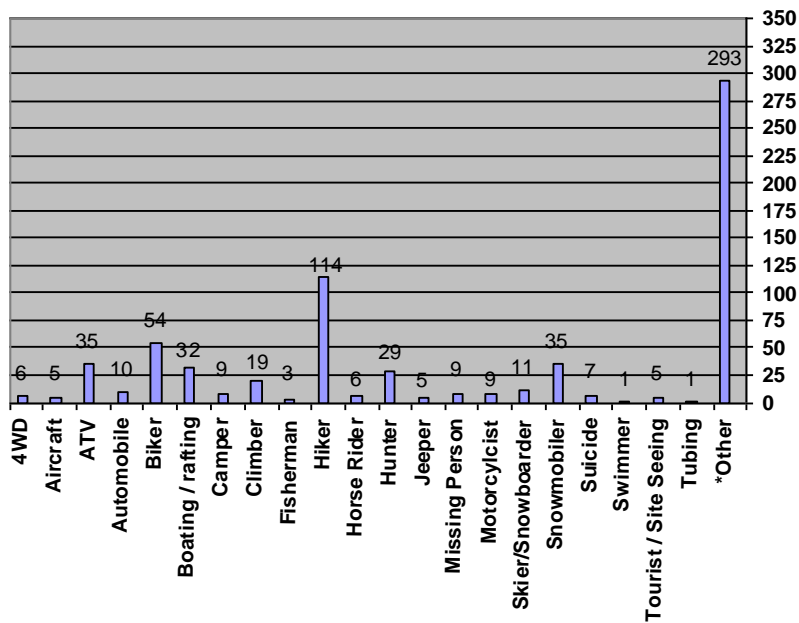


The total number of victims who live in the counties where the search took place is 4,443.
The total number of victims who live outside of the counties is 5,276.

2011 Search and Rescue Annual Report

This graph shows the types of activities that required the assistance of the Search and Rescue teams during 2011.

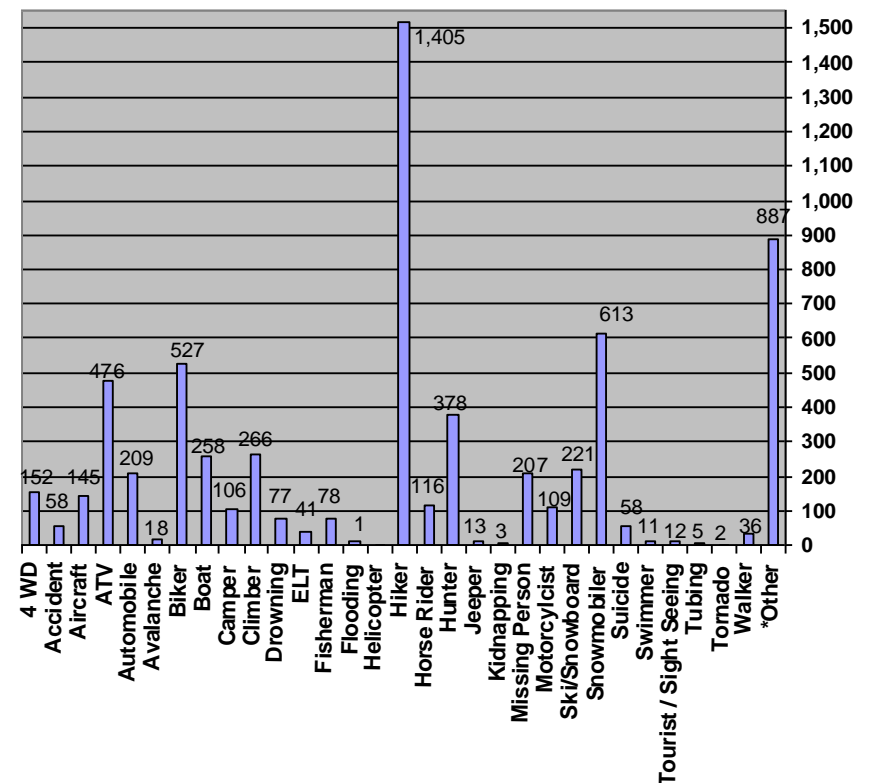
Types of Activity in 2011



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

This graph shows the types of activities that required the assistance of the Search and Rescue teams from 1998-2011.

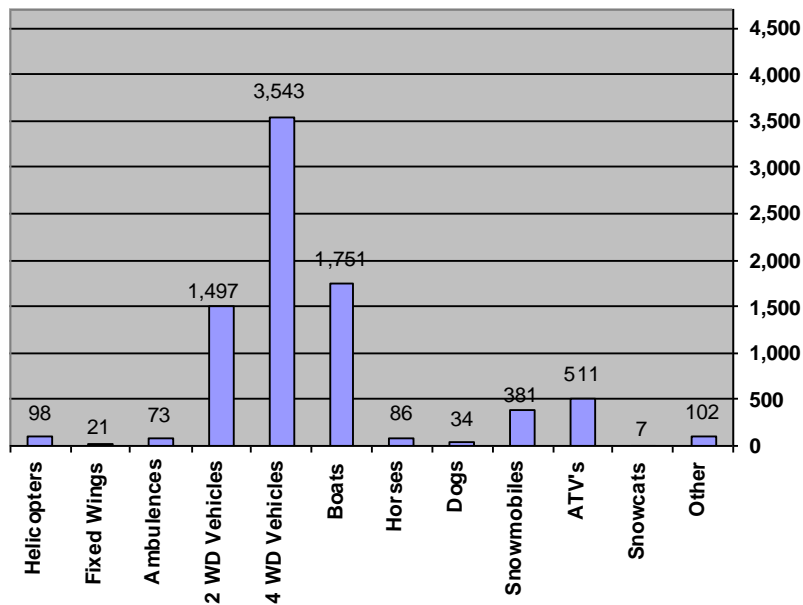
Types of Activity in 1998 - 2011



2011 Search and Rescue Annual Report

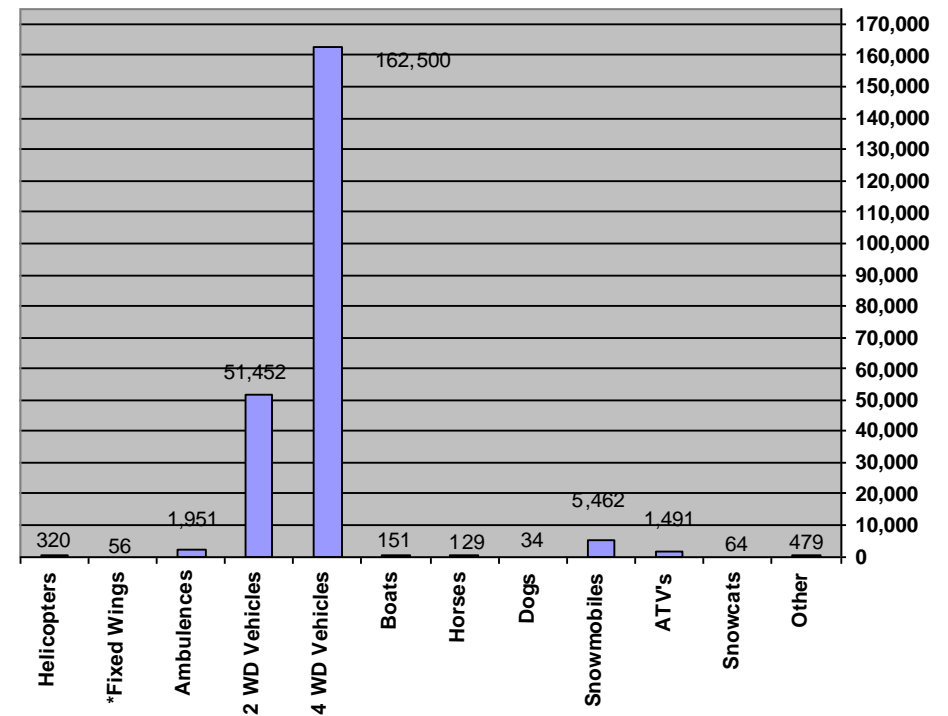
This graph depicts the type of transportation utilized by Search and Rescue teams in 2011.

Types of Transportation in 2011



This graph depicts the number of hours or miles for the various types of transportation utilized in 2011.

Hours or Miles Reported in 2011

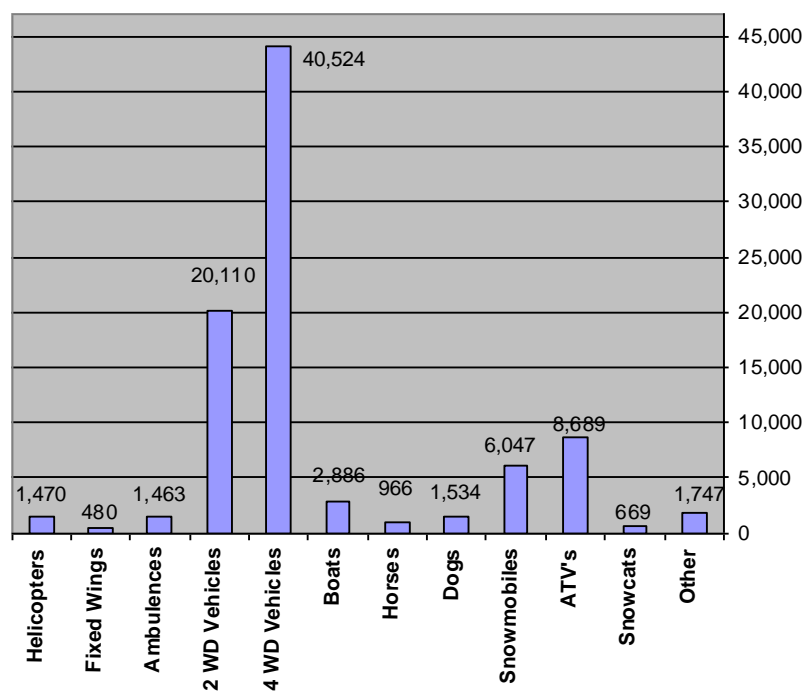


Helicopters, fixed wings, boats, horses, dogs and snowcats are reported in hours. The other types of transportation are reported in miles.

2011 Search and Rescue Annual Report

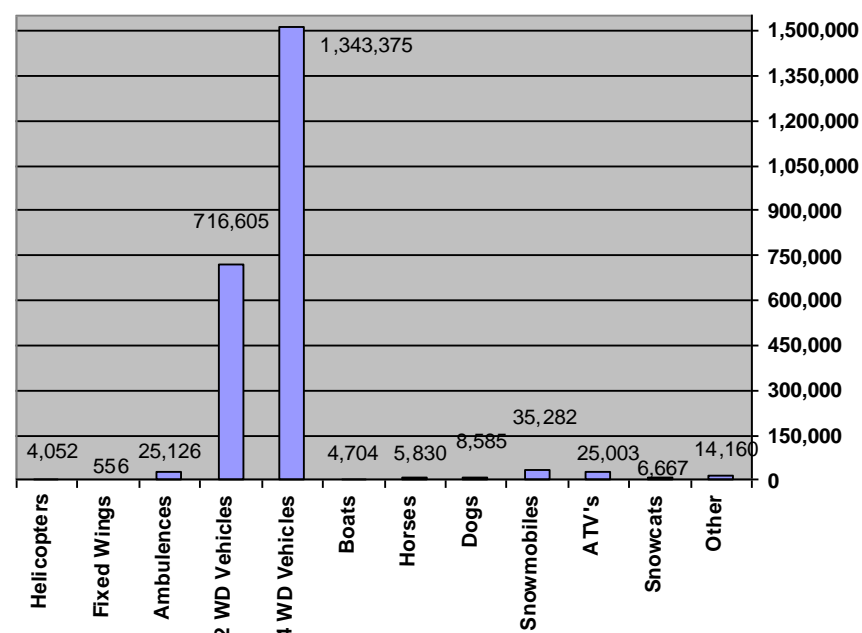
This graph depicts the type of transportation utilized by Search and Rescue teams between 1998 -2011.

Types of Transportation, 1998 - 2011



This graph depicts the number of hours or miles for the different transportation types utilized from 1998 through 2011.

Hours or Miles Reported, 1998 - 2011



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