

# SEARCH AND RESCUE

## Annual Report

for

# 2014

Office of Emergency Management

Oregon Military Department

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# SEARCH AND RESCUE

## Annual Report for 2014

### Introduction

In Oregon, the State assigns SAR incident numbers to all reported events. The requestor gets an incident number from the Oregon Emergency Response System (OERS). Reports of the incidents are entered into the SAR database maintained by the Office of Emergency Management (OEM) and used to generate the statistics in this report.

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### Data

There are several sources for the data in this report. The primary comes from the County Sheriffs' Offices who are the responsible agencies for the majority of the missions in the state. OEM generates its own data while locating missing aircraft and tracking down the source of electronic beacons (ELT and EPIRB) as it is the responsible agency for these events. Data on aircraft accidents and injuries comes from the National Transportation Safety Board. The data on Oregon deaths and suicides come from the Oregon Health Authority, Oregon Vital Statistics, Annual Report 2013, Volume 2.

All maps were made using ESRI ArcMap 10.0

Individual agencies assisting on a mission usually provide their figures directly to the Incident Commander. If any agency did not report their mission data, its inclusion here is doubtful. In 2014, 90% of the reports were sent in; a good year.

### Charts and Graphs

Each chart and graph in this report is named. By convention, all chart and graph titles in the report are underlined for easier reference. Words in *italics* identify specific categories within any chart. With a few exceptions, numbers in the figures are rounded off to whole numbers. This means that anything less than 0.5 is rounded off to 0. Because of this, three entries of 0.25 will each show 0, although their sum will show 1. Following the *Overview of 2014* is a description of each chart, graph, and statistics page along with a discussion, if necessary.

### What's new in the 2014 Report

There are changes every year this report comes out. Here are the major changes in the report.

- 1) A new chart called Totals for 2014 Training Only was added.
- 2) A new chart called Totals for 2014 No Training was added.
- 3) Some minor changes were made in the chart on Drugs
- 4) A new chart called All SAR Subjects by Age 1997-2014 was added.
- 5) A new chart called Deaths by Age 1997-2014 was added.

## Overview of 2014

2014 was a moderately busy year. Even so, there were record high numbers of missions in March, July and October. There were 1,044 missions in 2014, exactly the same as 2013. This increases the average number of missions to 980 per year. 2014 was 7% above the average annual number of missions.

## Transportation and Work Hours for 2014, page 21

These are the totals for all agencies for the year. This information is derived solely from filed reports entered into the SAR database. Including county assists, there was only 1 mission less than last year. Despite this, there were substantial increases in the work over last year.

Change From Last Year	
Paid hours	- 4%
Volunteer hours	+17%
Equipment hours	+35%
Equipment miles	+10%

The total number of incidents does not include the total number of responses. On many occasions, more than one county assists another county on a mission. For this reason, there are always more reports than the number of incidents. In 2014, there were 91 requests for assistance compared to 92 in 2013. The chart below shows the number of missions and the number of assists for the last 10 years. For the last 10 years, you can see that 2014 was an average year. The database has 1,029 incidents entered in 2014.

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Missions</b>	998	993	1,006	1,127	1,085	1,065	1,069	1,085	1,044	1,044
<b>Assists</b>	65	89	81	80	107	143	136	139	92	91
<b>Total</b>	<b>1,060</b>	<b>1,082</b>	<b>1,087</b>	<b>1,207</b>	<b>1,192</b>	<b>1,208</b>	<b>1,205</b>	<b>1,224</b>	<b>1,136</b>	<b>1,135</b>

Missing reports are generated anytime a county requests a mission number or is known to assist on a mission, but does not send in a report. There were 112 missing reports (10%) in 2014.

As in previous years, several counties use the category called *Other Transportation* to track their use of Privately Owned Vehicles (POV). POV mileage constituted 30% of all vehicle miles. The breakdown for POV miles is as follows:

County	Miles driven
Deschutes	2,529
Douglas	5,197
Jackson	90,132

### **Missions per County**, page 22

This chart shows the number of missions occurring in each county. It includes all types of missions grouped by month of occurrence. The *Region* block is used when the location of the mission's subject is in more than one county or occurs out of state.

These figures **do not** include every response. This means that when several counties respond to a single incident, the chart shows an entry only for the county requesting the initial incident number. For example, County A calls for an incident number. Later Counties B and C assist the first county. Although three counties responded, the chart shows an entry only for County A in the month it occurred.

The bottom line of the chart is a calculation of each month's percentage of the total. So, for example, we can see that 9% of 2014's missions occurred in March.

### **Missions Per Month**, page 23

This graph shows the number of missions in 2014 per month with the average number of missions. There were record high number of missions in March, July, and October.

### **Missions per Year**, page 24

This chart shows the number of missions and operational missions from 1997 to 2014. The term "operational missions" is used to describe any SAR incident that is *not* training or a civic type of event. Many people want to know how many SAR missions there are in any given year. What they are not interested in is every training event, parade, public education, SAR meeting, et cetera, that occurs. Additionally, *training* and *civic* missions are artificially set at 1 each per month per county. The removal of *training* and *civic* missions leaves what most people consider Search and Rescue, i.e., looking for people and objects and assisting those in distress. The number of *Operational Missions* for 1997 could not be determined. We can see from the graph that 2014 had the fewest mission since 2007. On the average, there are 826 operational missions per year. The 849 operational missions in 2014 are only 3% above normal.

Training and Civic missions include much of the year's resources. Specifically, the following shows the percentage of the year's resources used *only* by training and civic events.

<b>Used by Training and Civic Missions</b>	
Paid hours	13%
Volunteer hours	69%
Equipment hours	22%
Equipment miles	46%

From this data, you can see that in 2014, 69% of all volunteer work and 46% of all vehicles driven were used only for training and public events.

### **Transportation and Work Hours for 2014, Training Only**, page 25

This shows the breakdown of all the training received in 2014. Training is the single

biggest user of SAR personnel in the State. Over 86,000 volunteer hours were spent in training in 2014.

### **Operational Missions by County**, page 26

Operational missions constitute all the SAR missions for the year minus the training and civic events. The chart shows the number of *operational missions* by month for each county in 2014. It does not include any assistance provide by one county to another. This gives a good view of how busy each county was with unplanned SAR events for the year.

### **Transportation and Work for 2014, No Training or Civic Missions**, page 27

This shows the breakdown for all the SAR missions for the year with training and civic (public events) missions removed.

### **Searches 2014**, page 28

### **Rescues 2014**, page 29

These maps show the location of every search and rescue in Oregon in 2014. The data for these maps come from the coordinates provided by the Counties. The “find coordinates” were used for these maps unless none were provided, in which case the IPP coordinates were used. The maps display 222 rescues out of 245 (91%) and 335 searches out of 391 (86%). Only the missions where coordinates were provided could be included.

### **Mission Results (Mt Hood Region)**, page 30

Mount Hood is Oregon’s tallest mountain and is easily accessible from the state’s biggest city. This combination makes it ideal as a recreation area and sees a lot of use throughout the year. Due to the interest in Mt Hood and the numerous missions that occur there, this map was created showing the results of all the missions since 2010 for which coordinates were provided.

### **Water Missions (Eugene-Springfield)**, page 31

Another region showing inordinate use is in the Eugene-Springfield area. Especially during the summer months, more water related missions occur there than any other part of the state. The map displays the results of the water missions for which coordinates were provided from 2010 to 2014.

### **Missions by Type and by County**, page 32

This is a breakdown of all of 2014’s missions by type. The figures were derived **only** from reports received. This chart **does not** show every mutual assist in the database. Abbreviations used in the headings allow enough room to include all the information on a single page. (L) and (W) stand for land and water, respectively. Totals for each county and each type of mission are included. The percentage at the bottom shows what portion of the year’s total each mission comprises. Following is a description of each mission.

*Mult* Multiple mission. A special category used when more than one type of mission occurred during the same incident. Each type of mission is not shown on this chart to prevent redundancy. A breakdown of *Multiple Missions* is found later in this report.

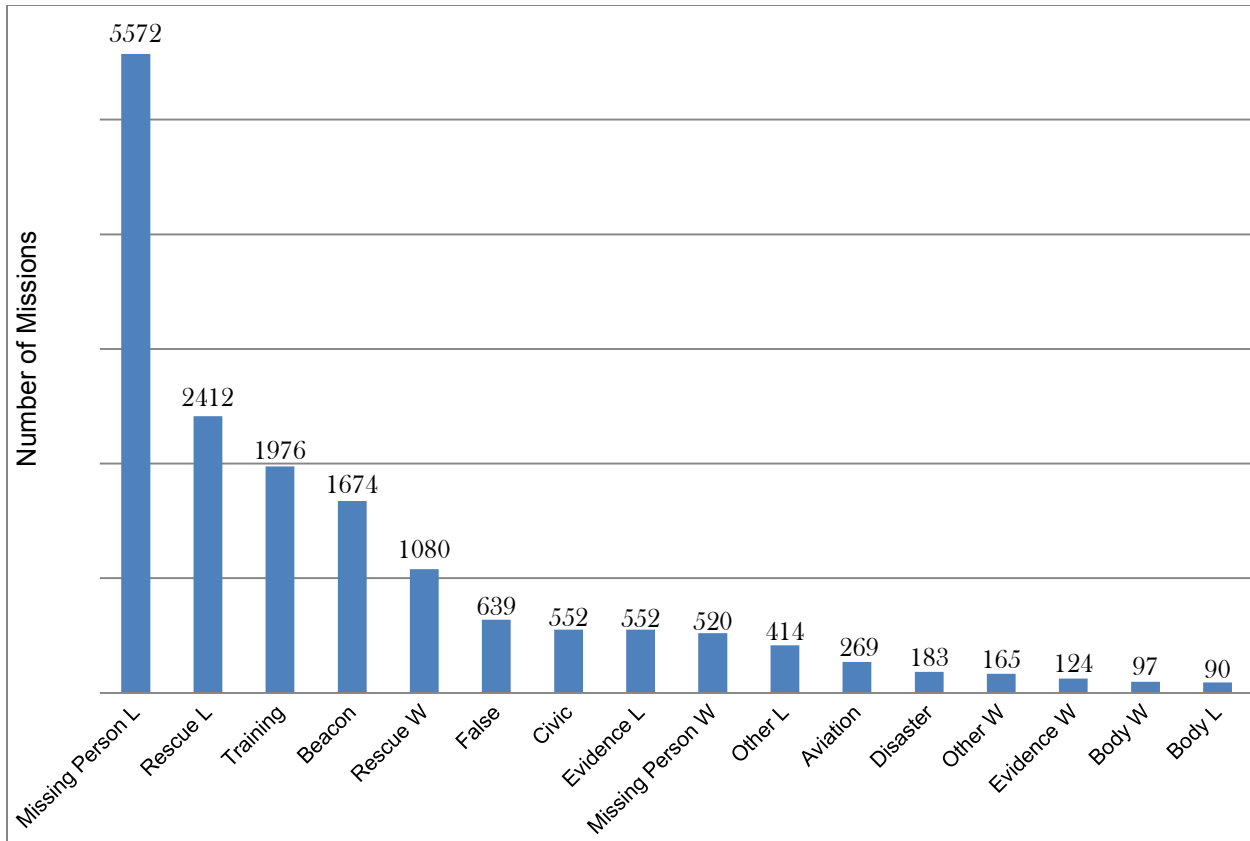


<i>Aviation</i>	All missing aircraft and reports of crashes. They may or may not involve the county. These include only incidents reported directly to OEM. Therefore, the number is not the same as that reported by the NTSB, found later in this report.
<i>Beacons</i>	Activations of ELTs and EPIRBs. (PLBs are not included as they are considered a land search or rescue.) May or may not involve the county.
<i>M/P</i>	Missing Person. These are search missions, split into land and water.
<i>Evid</i>	Evidence search. Searches for anything that is not a person. This is also split into land and water categories.
<i>Resc</i>	Rescue and MEDEVAC, split into land and water. These are missions for people in distress in a known location.
<i>Other water</i>	Missions involving water that do not fit into any of the previous categories, e.g., vehicle recovery from a body of water.
<i>Training</i>	Self-explanatory.
<i>Body</i>	Land and water body recovery. This category describes missions to remove bodies as opposed to a search (or a rescue) resulting in a deceased subject. This is a mission type, not a mission result.
<i>Civic</i>	Public and municipal events with SAR assistance or representation.
<i>E/M</i>	Emergency Management. General classification for all disasters, natural hazard responses, and widespread emergencies. The only missions included are those actively involving SAR personnel.
<i>False</i>	Missions launched when the subject was never lost or in distress.
<i>Other</i>	Any mission not classifiable in one of the other types.

### **Missions by Type and by County 1997-2014, page 33**

This chart is similar to the previous one with the following differences. The time span for this chart is 1997-2014. The categories *Training* and *Civic* have been removed. This results in looking at only *Operational Missions*, which changes the percentage of all other missions on the chart. We can now see that *Missing People (land)* account for 40% of the state's missions. The second busiest mission is *Rescues (land)*, accounting for 17% of all missions. Looking at the counties, we see that Clackamas, Deschutes, and Lane are the busiest counties over the last 18 years. We can also see that Lane County has well over double the number of *water rescues* than the next highest county.

The data from this chart is represented below for comparison.



### **Mission Breakdown**, pages 34 - 35

The next two pages show the types of incidents with the total transportation and work accomplished and the percentage each total represents. The additional column titled *Total hrs* is the sum of paid and volunteer work hours. The column titled *Sum* shows the total number of each type of mission and the percentage it represents of the total. These are the number of missions **only**; it does not include the number of counties providing mutual aid. The entire chart is arranged in order from lowest to greatest *Sum*.

From this chart, we can see that *missing person (land)* accounted for 37% of the missions and 24% of the work performed. *Rescue (land)* is the second most active mission type. *Training* came in third and *Rescue (water)* finished in fourth place. The top 4 missions accounted for 78% of the missions of 2014 and 88% of the work.

### **Chart of Mission Breakdown**, page 36

This chart displays the data from Mission Breakdown. The shaded bars represent the percentage of the number of missions from lowest to greatest. The checkered bars show the percentage of the total work hours. The numbers on the chart reference the 17 mission types. It is easy to see that *Training* accounts for more work hours than any other mission.

### **Transportation and Work by Mission and by County**, pages 37 - 40

These four pages are further breakdowns of the previous two charts. The missions are grouped in such a way as to use the fewest pages. While Missions by Type and by County gives only total numbers for each mission type, Transportation and Work by Mission and by

County gives the rundown of the totals found on Mission Breakdown. This includes work hours and transportation use by each county with a total number for each mission. The total number of missions **includes** mutual assist by other counties. There are six headings: transportation hours and miles, paid and volunteer work hours, number of missions, and the ratio of hours per mission.

*Average* is based on all the data available in the database. The database's earliest records are from 1997. This provides a good way to compare 2014 with what is currently considered normal. Totals for the *Average* also include counties providing mutual assist.

The three biggest mission types are described below. These three types comprise 71% of all the SAR missions in Oregon in 2014. All the analysis below **includes** agencies assisting the mission.

*Missing persons (land)* accounted for 39% of all the state's SAR mission responses. The 399 responses reflect a 9% decrease from last year, but it is still 13% above *Average*.

*Rescue (L)* remains the second biggest mission with 165 missions. In 2014, there was only 1 mission less than the number of rescues last year. This is 16% above the *Average* number of rescues.

In third place were *Training* missions with a slight increase over last year. Since training missions are set at a 1 per month per county (12 per year per county), the actual number of training events doesn't mean very much. What is important is that the number of training mission continues to increase, which simply shows that more training is taking place.

#### **Data for Multiple Missions**, page 41

This chart shows the data for a special category of missions. Occasionally, an incident involves two or more types of missions as we categorize them. In all cases, attempts are made to place a mission into a single category that correctly identifies the event. Sometimes, this is not possible. Data from missions with multiple types are not easily incorporated into the other charts due to duplication. To avoid this, the event would have to be classified as a single type of mission, and this is not the case.

The only way to include this unique data is by creating this chart. The type of mission involved in the event is at the top and a "Yes" in the box identify whether it occurred. Equipment and personnel data is at the right for each mission.

#### **Subject Activity by County**, pages 42 - 46

The next five pages report the work hours and transportation use by county for each activity. The activities are arranged to allow the least number of pages. Included is the 18-year average for each activity.

In 2014, *hiking*, surpassed *motor vehicle* as the most popular activity. While *motor vehicle* use was only 3% above average, *hiking* was 24% above average. This year, *wandering* was in third place being 30% above average. The fourth most popular activity was *non-*

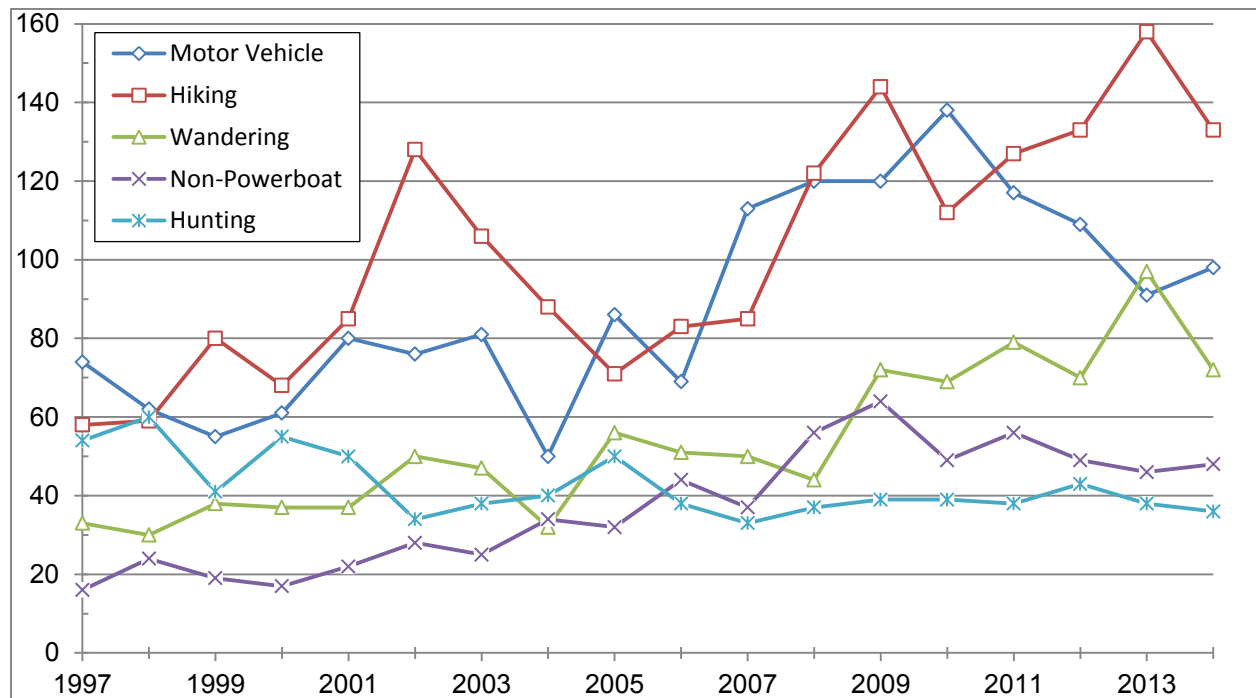
powered boating which was 26% above average. This puts *hunting game* in fifth place and was 4% below average. The top five activities comprise 60% of all the reported activities for 2014.

Many mission types do not have reportable activities. For example, *training*, *evidence*, and *civic* are some of the missions that have no corresponding activity since there are no subjects involved.

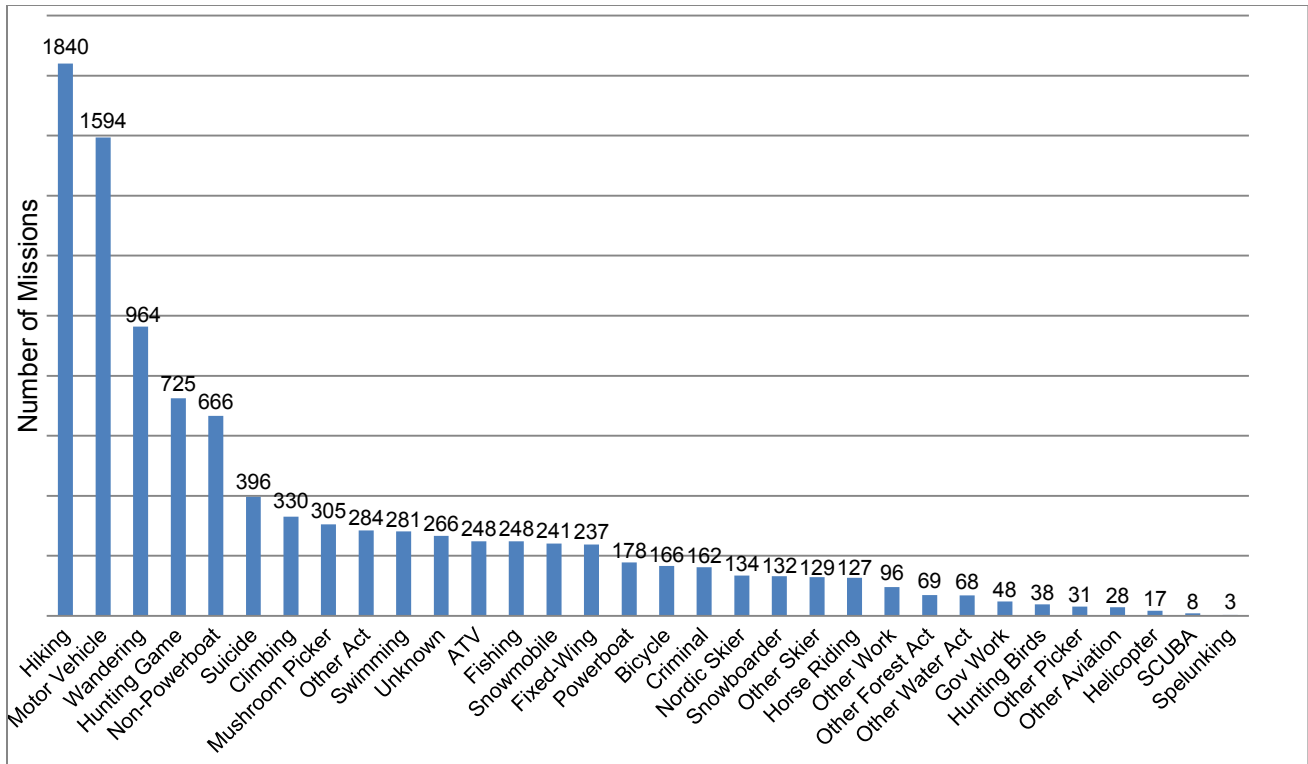
The table below compares the top categories for the last 10 years. The numbers presented here will not all match the numbers found on other charts and there are some changes from past Annual SAR Reports. The numbers below represent the number of missions, not the numbers of responses.

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>Motor vehicle</b>	86	69	113	120	120	138	117	109	91	91
<b>Hiking</b>	71	83	85	122	144	112	127	133	158	133
<b>Wandering</b>	56	51	50	44	72	69	79	70	97	72
<b>Non-powerboat</b>	32	44	37	56	64	49	56	49	46	48
<b>Hunting</b>	50	38	33	37	39	39	38	43	38	36

For those who prefer a more visual representation, below is a graph of the table above including all the years in the database.



All subject activities from 1997 to 2014 are shown below for comparison.



In 2006, *Drug Use* and *Mental Status* were added to the SAR Incident Summary Form. The following charts give some idea of the mental state and drug use of SAR subjects.

		Drug Use								
Sex	Drug	2006	2007	2008	2009	2010	2011	2012	2013	2014
Female	Alcohol	7	5	6	7	11	4	5	8	13
Male	Alcohol	24	17	24	28	29	25	17	32	32
Female	Alcohol plus					1		4		
Male	Alcohol plus		1		2	2	1	4	2	3
Female	Meth	2	1						2	
Male	Meth	2	2	2		2	2	2	3	1
Female	Opiate	1								
Male	Opiate			1					1	1
Female	Hallucinogen							1	1	1
Male	Hallucinogen							3	6	
Male	Marijuana		2			1		4	1	1
Male	Cocaine									1
Female	Other								1	3
Male	Other		2				1	2		1
<b>Total</b>		<b>36</b>	<b>30</b>	<b>33</b>	<b>37</b>	<b>46</b>	<b>33</b>	<b>42</b>	<b>57</b>	<b>57</b>

Some minor modifications were made to the Drug Use chart. Since there are so many cases of people using alcohol with other drugs, this was added under *Alcohol plus*. Looking at the chart, it is obvious that alcohol is, by far, the leading drug used by subjects involved in SAR. Of all SAR subjects using drugs, alcohol is involved in 79% of those missions. When you add cases of alcohol plus other drugs, alcohol becomes involved with

85% of all drug use. The label “Other” refers to less common drugs or use of more than one drug at the same time. Overall, drug use is involved in 4% of all SAR missions.

Mental Status												
Females	State	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total	%
	Alzheimer/Dementia	11	12	12	14	13	22	6	16	22	128	49%
	Autism	1			2		1	1	5	3	13	5%
	Mental Handicap	2	2	3	2	2	3	5	3	5	27	10%
	Mental Illness	1	5	6	6	5	7	9	10	7	56	22%
	Mood Disorder	3	4	3	1	3	4	5	6	3	32	12%
	Other	1							2	1	4	2%
<b>Total</b>		<b>19</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>23</b>	<b>37</b>	<b>26</b>	<b>42</b>	<b>41</b>	<b>260</b>	<b>100%</b>
Males	State	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total	%
	Alzheimer/Dementia	9	22	14	26	31	24	22	27	23	198	41%
	Autism	6	4	7	7	5	7	5	5	9	55	11%
	Mental Handicap	4	3	8	5	4	13	12	10	7	66	14%
	Mental Illness	8	9	10	11	5	13	17	12	13	99	20%
	Mood Disorder	2	4	4	6	9	8	7	8	12	59	12%
	Other	1	3			2	1	2	1	2	11	2%
<b>Total</b>		<b>30</b>	<b>45</b>	<b>43</b>	<b>55</b>	<b>56</b>	<b>66</b>	<b>65</b>	<b>63</b>	<b>66</b>	<b>488</b>	<b>100%</b>

There were 107 people in other than normal mental state. Because a person can have more than one mental problem, it is not always easy to determine which one is predominant, if there is one. While hardly scientifically accurate, when provided a list of mental issues, the first one listed (primary) is considered the predominant one. For example, if the report lists a subject as having Alzheimer’s syndrome and also a mental illness, Alzheimer’s is chosen as the “mental state” because it is listed first.

Looking at the totals, we can see that Alzheimer’s syndrome, which includes dementia, accounts for 48% of the females and 41% of the males. But in total numbers, males outnumber females by 35%.

For the total population and all the years we have data, Alzheimer’s (and dementia) account for 44% of the subjects who were in an “other than normal” mental state. Mental illness follows with 21% of the subjects, and people identified with a mental handicap and mood disorder both accounted for 12% of the reported subjects. People identified with an abnormal mental state constitute 8% of all searches and rescues on land and in water.

**Mission Results (SAR Only), page 47**

This pie chart looks at mission results for searches and rescues from 1997 to 2014. Keep in mind that there may be many subjects involved in one mission. The data here counts only missions, not individual number of subjects.

The category labeled *multiple results* is indicative of missions having dissimilar results for different subjects. For example, if one subject was found alive and one was found deceased, then that mission’s data would go into *multiple results*. Therefore, this chart has no duplicated data.

From the chart, we can see that 84% of all SAR missions ended with all subjects recovered *alive*.

Another part of mission result looks at whether the subject was injured when recovered. To be considered “injured,” the subject had to either be taken to a hospital or had to be carried out from the location where they were found. Therefore, some subjects marked as injured may actually have been ill, if that illness was incapacitating or life threatening.

The following two charts show the condition male and female subjects were in for land searches and land rescues.

Sex	Recovered	Count	%	Condition
Female	Alive	76	3%	Not specified
Female	Alive	107	5%	Injured
Female	Alive	1,961	87%	Well
Female	Deceased	101	4%	Deceased
		<b>2,245</b>	<b>100%</b>	
Male	Alive	154	3%	Not specified
Male	Alive	211	4%	Injured
Male	Alive	4,562	87%	Well
Male	Deceased	339	6%	Deceased
		<b>5,266</b>	<b>100%</b>	
This includes only <b>searches</b> on land.				

Sex	Recovered	Count	%	Condition
Female	Alive	19	2%	Not specified
Female	Alive	474	43%	Injured
Female	Alive	594	54%	Well
Female	Deceased	21	2%	Deceased
		<b>1,108</b>	<b>100%</b>	
Male	Alive	52	2%	Not specified
Male	Alive	813	37%	Injured
Male	Alive	1,181	54%	Well
Male	Deceased	140	6%	Deceased
		<b>2,186</b>	<b>100%</b>	
This includes only <b>rescues</b> on land.				

It is interesting to note that a greater percentage of women are found injured than men. The reason is not anything innate to men or women, but rather that a greater percentage of men are found dead. In other words, more women are found injured because more women are found alive.

### **Assets Locating Subjects (Searches Only), page 48**

Here, we look at who actually makes the finds on missing person missions. Rescues are not included since the subjects are not actually missing. The data for this and the next chart uses subject information, not mission information. This is important since there is

often more than one subject per mission. From the chart, we see that in 2014, *ground SAR* located the majority of subjects. Unfortunately, 8% of the reports left the field blank. Note that although aviation assets are highly regarded by the general public and the media, only 5% of the missing subjects were located by air, which is a typical figure for this asset.

#### **Assets Locating Subjects (Searches Only) 1997-2014**, page 49

This chart uses the same type of data as the previous one. However, it includes all the data in the database. This comprises 8,457 subjects from 1997 to 2014. From this we can see that although 26% of the subjects *self-recover*, *ground SAR* is still the most effective way of locating a missing person. Aviation assets account for 4% of the finds.

#### **Cell Phone Use (Searches Only) 1997-2014**, page 50

This is a graph of the cell phone use from 1997 to 2014. The data for this graph uses only cell phone calls made by the subject themselves. If the caller is in the subject's party but is not in distress, then they would not appear in the data. This means that rescue missions are rarely included because there is usually an uninjured party making the call on behalf of the subject. So, mostly searches are included on this chart. After years of increasing use, it appears that cell phone use has not varied by more than 3-4 people over the last 6 years.

#### **Subject Status by Age (SAR Only)**, page 51

This chart shows the actual number of subjects in distress for 2014. This does not include false missions, body recoveries, or disasters. Only searches and rescues are included. Subjects are broken down by age group and condition recovered. The column labeled *Unknown* is due to the subject's condition left out of the report. The row labeled *Unknown* is used when the subject's age was left out of the report. The charts titled Number of Subjects by Age Group (SAR Only) and Proportion of Subjects by Age Group (SAR Only) use this data.

Although there was the same number of Operational Missions as last year, there was a noticeable decrease in the number of people involved in SAR. A reduction of 52 people equates to a 5% decrease in the number of people in distress. Specifically, there was a 10% decrease for female subjects involved in SAR and an 8% decrease in the number of males.

The boxed area at the bottom of the page Subject Status by Age (SAR Only) is the combination of male and female populations. Compared to last year, there was a 3% decrease of people found alive and a 3% increase in the number found deceased. This is an unfortunate change from last year's figures. The number of subjects still missing remained at 2%. Put into words, 2014 was not a good year, with more people recovered deceased or still missing and fewer found alive.

The following table compares 2014 with the average number of SAR subjects. Keep in mind that these figures represent only subjects involved in searches and rescues. The three blocks separate data for males, females, and all subjects. The third row of each block shows the difference between 2014 and the average.



MALES	Alive	Deceased	Missing	Unknown
1997-2014	88%	9%	2%	0.3%
2014	87%	10%	3%	0.3%
<i>Difference in 2014</i>	<i>Down 1%</i>	<i>Up 1%</i>	<i>Up 1%</i>	<i>No change</i>
FEMALES	Alive	Deceased	Missing	Unknown
1997-2014	94%	5%	1%	0.1%
2014	96%	3%	1%	0.0%
<i>Difference in 2014</i>	<i>Up 2%</i>	<i>Down 2%</i>	<i>No change</i>	<i>Down 0.1%</i>
All Subjects	Alive	Deceased	Missing	Unknown
1997-2014	90%	8%	2%	0.3%
2014	90%	8%	1%	0.3%
<i>Difference in 2014</i>	<i>No change</i>	<i>No change</i>	<i>Down 1%</i>	<i>No change</i>

From this we can see that for all subjects, 2014 was very close to an average year. Due to rounding off, numbers may appear not to add up to 100%.

The following information deals with search results for people who were lost in groups as opposed to those who were lost by themselves. Keep in mind that this data includes *only* people who were lost; *rescues are not included*. Groups include two or more people. Using all the data from 1997 to 2014, we get the following charts.

Lost Males	Alive	Deceased	Missing	Unknown
<b>In groups</b>	2,693 (97%)	62 (2%)	22 (0.8%)	8 (0.3%)
<b>Solo</b>	2,528 (78%)	516 (16%)	184 (6%)	23 (0.7%)

Lost Females	Alive	Deceased	Missing	Unknown
<b>In groups</b>	1,301 (98%)	17 (1%)	6 (0.5%)	2 (0.2%)
<b>Solo</b>	939 (84%)	124 (11%)	46 (4%)	3 (0.3%)

Looking at the numbers, we find that there were 8 times as many males found deceased when lost by themselves as opposed to being with a group. They were also 8 times as many still missing. Among *females*, there were almost 7 times the number of fatalities among solo females and 8 times the number still missing. The conclusion is obvious and cannot be overemphasized. Do not hike alone; one's chances of surviving are significantly reduced if you are lost and by yourself.

### **All SAR Subjects by Age 1997-2014, page 52**

This chart shows the number of subjects involved in a search or a rescue by age. For example, we can see that there were 150 people aged 60 that were in distress. Keep in mind that many of the very young are actually with adults when those adults were in distress.

### **Searches for Females**, page 53

### **Searches for Males**, page 54

These two charts use all the data from 1997 to 2014. They look only at lost subjects; rescues were **not** included in these data sets. The charts compare subjects lost in groups as opposed to those who were lost solo. Both charts show similar patterns. Both males and females show a huge surge in numbers centered around the teen years. While this is most obvious for those in groups, it also occurs to a lesser extent among solo individuals. Men and women in groups both show a spike in numbers in the 40-50 age group. Among children 4 and younger, there are four times as many boys wandering away and getting lost as girls. This corresponds with studies on human development which show that adolescent males are 5 times more likely to get into accidents than females<sup>1</sup>.

### **Searches for Males and Females (Solo)**, page 55

Data from the previous two charts were combined to compare solo males and females. As mentioned previously, this data does not include rescues. Unlike the previous charts, the actual number of subjects was not used because the difference between male and females was too great. Instead, each age group was compared as a percentage of the whole. So, for example, we can say that males aged 25-29 represent 7% of all missing males. The chart's graph for males and females are very similar. Both show peaks in the teen years and again in their 30s and 40s. Females show one more spike for those in their 70s and 80s. For all subjects lost on land, 40% were solo males and 14% were solo females.

### **Searches for Males and Females (Groups)**, page 56

This is similar to the previous chart, however, only people lost in groups of 2 or more are included. Again, we see a huge spike in the numbers of teens followed by a steady decrease in numbers. Of course, males and females are often together in these missions. For all subjects lost on land, 23% were mixed male and female, 19% were male only groups, and female only groups accounted for 4% of the subjects.

### **Subjects and Average (SAR Only)**, page 57

This graph shows four lines, two for males and two for females. They compare the number of males and females involved in SAR with the average number involved in SAR in 5-year age increments. These subjects include all land and water searches and rescues. The average includes the same class of subjects from 1997 to 2014.

### **Subject Comparison (SAR Only)**, page 58

This chart used all subject data involved in searches and rescues in the database. It compares the percentage of subjects in each age group against the total for their sex. So, we can say that males aged 50-54 accounted for 6% of all males, while females accounted for 6.3% of all females in the same age group. By looking at the data this way, we can compare males and females equally.

### **Oregon's Population and SAR**, page 59

This chart uses the same data as the previous one. Added to it is the population breakdown for Oregon. Again, this looks at the percentage of the total population of each

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<sup>1</sup> Private communication with researchers.

group. For example, you can see from the chart that while females aged 20-24 make up 6.3% of Oregon's population, they make up 10.7% of the female SAR subjects.

### **Number of Subjects by Age Group (SAR Only)**, page 60

This bar chart graphically shows the information from Subject Status by Age (SAR Only). Keep in mind that people are counted individually, even though they may have been lost and found in groups. For example, most of the 0-9 year old children were with an adult, but the chart separates the subjects' ages into groups.

### **Proportion of Subjects by Age Group (SAR Only)**, page 61

In this instance, the data is the same as the previous chart, but combines males and females to form 100% by age group. This displays the division between the sexes by age group. The overall division remains about 30% female and 70% male.

### **Home of Missing Subjects**, page 62

This chart attempts to answer the question "Where do these people come from?" The data for this and the following chart comes from all the subjects in the database, not just from 2014. As indicated, 16% of the SAR records have no location specified.

For missing subjects, the top five counties are shown. The combined out-of-state subjects account for 11% of missing people. Included are the two states with the highest figures. At the bottom of the chart is a breakdown of the subject's origins. We can see that in-state citizens account for about 73% of the missing subjects.

### **Home of Rescued Subjects**, page 63

The top five counties are shown. The in-state and out-of-state components for all rescued subjects are very close to the numbers for missing people. No location was provided for 15% of the subjects. The inhabitants of Lane County continue to lead in the number of subjects in need of rescue. Multnomah County comes in second, 9% behind Lane County, although Lane County has less than half of Multnomah County's population.

### **Land Use for Rescues (Land and Water)**, page 64

All missions begin somewhere. This and the next chart only show the land ownership for the location where the mission started. This chart shows the land ownership for all land and water rescues in 2014.

### **Land Use for Searches (Land and Water)**, page 65

This chart shows the land ownership for all missing people on land and in water for 2014.

### **Work Hours (SAR Only)**, page 66

This chart plots the total work hours spent for all land and water SAR missions. On separate plots are the total work hours for paid and volunteer personnel. The chart uses the data for 9,582 missions ordered from maximum number of hours to minimum. Work hours were split into paid and volunteer hours. Missions totaling 0 hours were removed. This left 7,079 missions with volunteer hours and 8,512 missions that had paid hours. The five biggest missions were **not** plotted because the scale would prevent the remaining

mission data from being easily visible. From the combined missions' information we can derive the following:

Percent of missions	Work Hours
25%	≤ 7 work hrs
50%	≤ 21 work hrs
75%	≤ 63 work hrs

This means that 25% of the SAR missions accumulated 7 work hours or less total time. Fifty percent of the missions accumulated 21 work hours or less.

**Mission Hours (SAR Only)** labeled, page 67

This chart plots the same information as the previous one. Both axis use logarithmic scales. On a logarithmic scale, all the major gridlines are multiples of ten. The average number of hours worked for all missions is marked at 88 hours.

Seven of the most publicized missions are marked on the chart. The Horman mission is, to date, the biggest with 26,048 SAR hours reported, while the Boehlke mission with 3,812 SAR hours is the 14<sup>th</sup> largest.

**Hours to Find a Subject on Land**, page 68

This graph has been plotted on logarithmic axes. Every mission has a notification time and, if the subject is found, a location time. The difference between the times generates the graph on this chart. The data looks only at missing persons on land. Missing people in water are not included due to a small sample and a very different environment. The graph includes both subjects found alive and those found deceased. The chart shows only missions that took less than 30,000 hours (3½ years) to locate the subject. This leaves 1 mission off the chart. The graph plots 4,377 missions taken from the entire database, as there is no value in looking at only one year. The y-axis values are the total number of hours it took to locate the subject. From the data we can derive:

Percent of missions	Hours to find
25%	≤ 1.8
50%	≤ 3.6
75%	≤ 9.0
81.4%	≤ 12
93.1%	≤ 24

From the table above we can see that a quarter of all missing people are found in less than 2 hours and half are found in under 4 hours. Within the first operational period, 81% of all missions are completed, and within the first day, 93% of all missing persons were located.

**Hours to Find A Subject on Land (Alive)**, page 69

In this case, we look at the time it took to locate a lost person on land who was alive when found. The chart is a semi-log and all missions are included. From the chart, we can see that about 12% of the subjects are found within an hour. There are 4,090 missions included

in this graph.

### **Hours to Find A Subject on Land (Deceased)**, page 70

This semi-log chart looks at the time it takes to locate a missing subject when the subject is found deceased. For this chart, the y-axis is marked in days, not hours. There are far fewer missions ending this way, as we know from looking at Mission Results. There are only 290 reports included in this graph. All missions are on this chart, including the maximum at over 10 years.

Looking at the data from these two charts we get the following information.

<b>Percent of missions</b>	<b>Alive</b>	<b>Deceased</b>
25%	≤ 1.8 hrs	≤ 9.0 hrs
50%	≤ 3.6 hrs	≤ 21.9 hrs
75%	≤ 9.0 hrs	≤ 95.4 hrs
	81.4% ≤ 12 hrs	31.1% ≤ 12 hrs
	93.1% ≤ 24 hrs	52.8% ≤ 24 hrs

The difficulty in locating an unresponsive subject is obvious. In a 24-hour period, 93% of live subjects have been located, compared to only 54% of the deceased.

### **Distance Traveled by Lost Subjects**, page 71

This chart looks at the distance a lost subject traveled on land before being found. There are 1,054 points on the chart which only includes subject missing on land and not using vehicles. The data is derived from the distance calculated between the IPP coordinates and the Find coordinates entered on the SAR Form.

Only one distance calculation was used per mission. So if there were 5 people in the mission, only one was used. This makes a difference in the average distance traveled for all people. The average distance for all subjects was 1.8 miles (9,685 feet) from the IPP. About 68% of all subjects walked less than 4.4 miles and 95% of all subjects walked under 7 miles. In other words, only 5% of all subjects walked more than 7 miles.

### **Distance Climbed or Descended**, page 72

Using the altitudes for each set of coordinates, I was able to plot the change in altitude for 832 subjects. On the average, those descending did so by 558 feet. Those who climbed averaged 485 feet. For all subjects, 68% will have either climbed or descended 952 feet and if you include 95% of the subjects, they moved either up or down 1,905 feet. In other words, only 5% of lost subjects will have climbed or descended more than 1,905 feet.

### **Deaths by Age Group**, page 73

This graph looks at the ages SAR subjects were recovered deceased. The data is divided such that each point is a percentage of the total number. The data includes the age of death for all subjects involved in searches or rescues between 1997 and 2014. This includes 860 males and 194 females.

### **Deaths by Age 1997-2014**, page 74

Instead of showing age groups, this chart show the number of subjects recovered deceased by age. For example, we can see that there were 19 subjects aged 50 when recovered.

### **Suicide**, page 75

Suicides are unusual in that it is one of the very few SAR missions in which the subject may not want to be found. There are four graphs on the chart, two for males and two for females. The bold lines show the percentage of deaths by suicide for SAR related incidents. The dotted lines are the percentages of suicides for the general population of Oregon. This data comes from publications of the Oregon Department of Human Services (ODHS), Center for Health Statistics. The SAR suicide data contains 286 males and 106 females. The suicide data from ODHS from 1997 to 2013 has 7,829 males and 2,159 females.

### **Mission Results**, page 76

This is a map all missions results broken down by those who survived and those who did not. Since County Sheriff's Offices respond to out of state requests, some mission results lie outside Oregon's borders.

### **Aviation**, page 77

This page summarizes all aircraft related missions for the state for 2014. The numbers are some of the lowest ever as there were so few missing aircraft.

### **Aviation Mishaps and Injuries by Month**, page 78

The data for this chart came from the National Transportation Safety Board (NTSB). These figures include only general aviation mishaps in Oregon. The 16 mishaps in 2014 involved 24 people, including 4 fatalities and 2 serious injuries.

### **General Aviation Mishaps by Month**, page 79

Data for this chart also comes from the NTSB. This chart is a graph of the mishap data in the previous chart Aviation Mishaps and Injuries by Month. Added to those statistics are the average number of mishaps for the last 10 years. Overall, 2014 had the fewest number of mishaps on record. In fact, it's less than half the average number of mishaps for the last 10 years. Looking at the last 33 years, 2014 had the lowest number of fatalities and second lowest number of serious injuries.

### **Number of Aviation Injuries 2005-2014**, page 80

This bar chart gives a historical perspective of aviation injuries. The actual number of injuries in each of the four classifications are shown for the last 10 years along with their average. You can see from the chart that 2014 was the best year on record.

### **Percentage of Aviation Injuries 2005-2014**, page 81

This chart displays the same information as Number of Aviation Injuries. Instead of actual numbers for each type of injury, the chart displays all injuries as a percentage of the sum for the year. In this way, it is easy to see the proportion of injuries for any year. In 2014,

only 17% of the people involved in aviation mishaps were fatalities and another 8% resulted in a serious injury. From the chart, we can see that in the last 10 years, on the average, 61% of all aircraft accidents resulted in no injury, while 27% of all mishaps resulted in a death or serious injury.

### **Annual Number of General Aviation Mishaps**, page 82

This is a graph of the number of mishaps per year from 1973 to 2014. Since the mid-1980s, the overall trend has been relatively unchanged, although there appears to be a small drop in numbers in the last 5 years.

### **Beacons**, page 83

This and the next series of charts refer to missions responding to activated beacon signals. These include only emergency locator transmitters (ELT) and emergency position-indicating radio beacons (EPIRB). This page shows the sum of all efforts by all agencies involved on these missions.

### **Annual Number of ELTs**, page 84

This chart displays the total number of ELT reports each year since 1996. 2014 saw 29 beacons, only 1 more than last year. The average is now at 30 ELT signals per year, compared to an average of 125 per year before the deactivation of the NOAA satellites in 2009.

### **ELTs by Month per County**, page 85

This chart shows the number of ELTs occurring in each county by month. The county was determined by where the beacon was located or the location of the signal, if the device wasn't found. *Region* refers to beacons that spanned multiple counties.

### **Number of ELTs per Month**, page 86

This chart graphs the information from the previous page. Superimposed, is the average number of ELTs from 1996 to 2008 and the average from 2009 to 2014. This shows the enormous change that took place in the number of ELT signals when NOAA deactivated the 121.5 MHz receivers on its satellites. Only April had a record low number of ELTs.

### **ELTs From 1996-2014**, page 87

The last couple of years had too few ELTs to make it worthwhile to show on a map. Instead this map shows all 1,567 ELT activations since 1996 marked by a bolt on a map of Oregon Counties.

### **ELT Notification Times**, page 88

This chart displays the notification time for all ELT incidents for the year. The y-axis shows the time of the day in 1-hour increments. The x-axis displays the months and weeks. February is not displayed because the computer divides the year into 30.4-day months. The 30<sup>th</sup> day of the year is in January and the 61<sup>st</sup> day is in March.

### **Percentage of ELTs Occurring per Hour of the Day**, page 89

By compiling the activation times for the last 18 years, it was possible to graph the

frequency of their occurrence. The value at each hour is the percentage of notifications of an ELT activated during that hour. For example, over the last 18 years, 2% of all ELTs occurred between 0500 and 0600 hours.

The emerging pattern is quite unusual. The causes of the spikes and dips are unknown. Particularly unusual is the sudden climb in the number of ELTs starting at 0800 and the drop in ELTs between 1300 and 1500.

#### **Assistance Provided to OEM on ELTs**, page 90

All ELT activations require a response. From the chart, we can see that OEM required no assistance on 59% of all ELT signals generated in 2014. This is due primarily to the fact that so many ELTs disappear shortly after activation. County Sheriff's Offices provided the greatest support in finding ELTs with their assistance on 28% of the missions.

#### **ELT Mission Results**, page 91

This chart shows the results of all the activations in 2014. From the chart, we can see that 34% were never found and 64% were located. For all records in the database, 57% were never found and 43% are located. Therefore, 2014 was much better than average for finding ELTs. This is certainly a result of NOAA's decision to deactivate 121.5 MHz monitoring. Of those located in 2014, 74% were on aircraft.

#### **ELTs vs. Aircraft Mishaps**, page 92

Since ELTs are associated with aviation, it would make sense to see the correlation between the NTSB reported mishaps and ELTs. Over the years, it has become obvious that there is no correlation between these two events.

#### **Search and Rescue Coverage**, page 93

This chart shows the number of hours OEM personnel and the Joint Operation Center (JOC) spent working on SAR missions and on "on-call" status. Mission hours are also totaled for each month. At the bottom is the number of missions worked by each coordinator.

#### **County Reports** (in alphabetical order)

The next 36 pages are the compiled annual data as reported by each county. All mission types are included, and some data comes from sources other than the Sheriff's Office.

#### **Search and Rescue Incident Summary (Version 7)**

Since the source of data for this report comes from this form, it seemed appropriate to include a copy with its instructions. Following the county reports is the 2-page form with instructions required for all State Incident number requests. Once received, the information is carefully reviewed and entered into the SAR database. This provides the bulk of the data in this report. Version 7 is the most current; destroy all previous versions.



# Transportation and Work Hours for 2014

Paid Hours		Volunteer Hours		Transportation		
CAP	hrs	CAP	571 hrs	Helicopter	67 hrs	25 miles
BLM	48 hrs	BLM	hrs	Military helicopter	177 hrs	miles
Explorers	hrs	Explorers	8,271 hrs	Plane	113 hrs	40 miles
Jeep club	126 hrs	Jeep club	2,231 hrs	Military plane	hrs	miles
Fire service	1,104 hrs	Fire service	548 hrs	Snowmobile	150 hrs	559 miles
Divers	874 hrs	Divers	1,483 hrs	Snow-cat	49 hrs	80 miles
Forest Service	640 hrs	Forest Service	6 hrs	ATV	706 hrs	320 miles
Mt Rescue	90 hrs	Mt Rescue	13,141 hrs	Motorcycle	6 hrs	miles
Ski patrol	33 hrs	Ski patrol	106 hrs	4-Wheel drive	1,977 hrs	189,208 miles
Law enforcement	9,728 hrs	Law enforcement	194 hrs	Specialized vehicles	552 hrs	7,090 miles
SAR team	5,920 hrs	SAR team	79,779 hrs	2-wheel drive	559 hrs	33,954 miles
Federal agency	271 hrs	Federal agency	4 hrs	Boat	367 hrs	13 miles
Dog team	11 hrs	Dog team	6,934 hrs	Other	58 hrs	102,712 miles
Horse Team	23 hrs	Horse Team	2,917 hrs			
State agency	351 hrs	State agency	1 hrs			
Other	290 hrs	Other	10,854 hrs			
		Amateur radio	3,993 hrs			
<b>Total Paid</b>	<b>Hours</b>	<b>Total Volunteer</b>	<b>Hours</b>	<b>Total Transportation</b>	<b>Hours</b>	<b>Miles</b>
	<b>19,506</b>		<b>131,031</b>		<b>4,778</b>	<b>334,000</b>

## Unbudgeted costs

Food \$9,701                      Fuel \$9,524                      Lodging \$367                      Other \$49,736

Total Number of Incidents for 2014: 1,044

Total Number of Assists for 2014: 91

Number of Reports in Database for 2014: 1,029

(including partial entries)

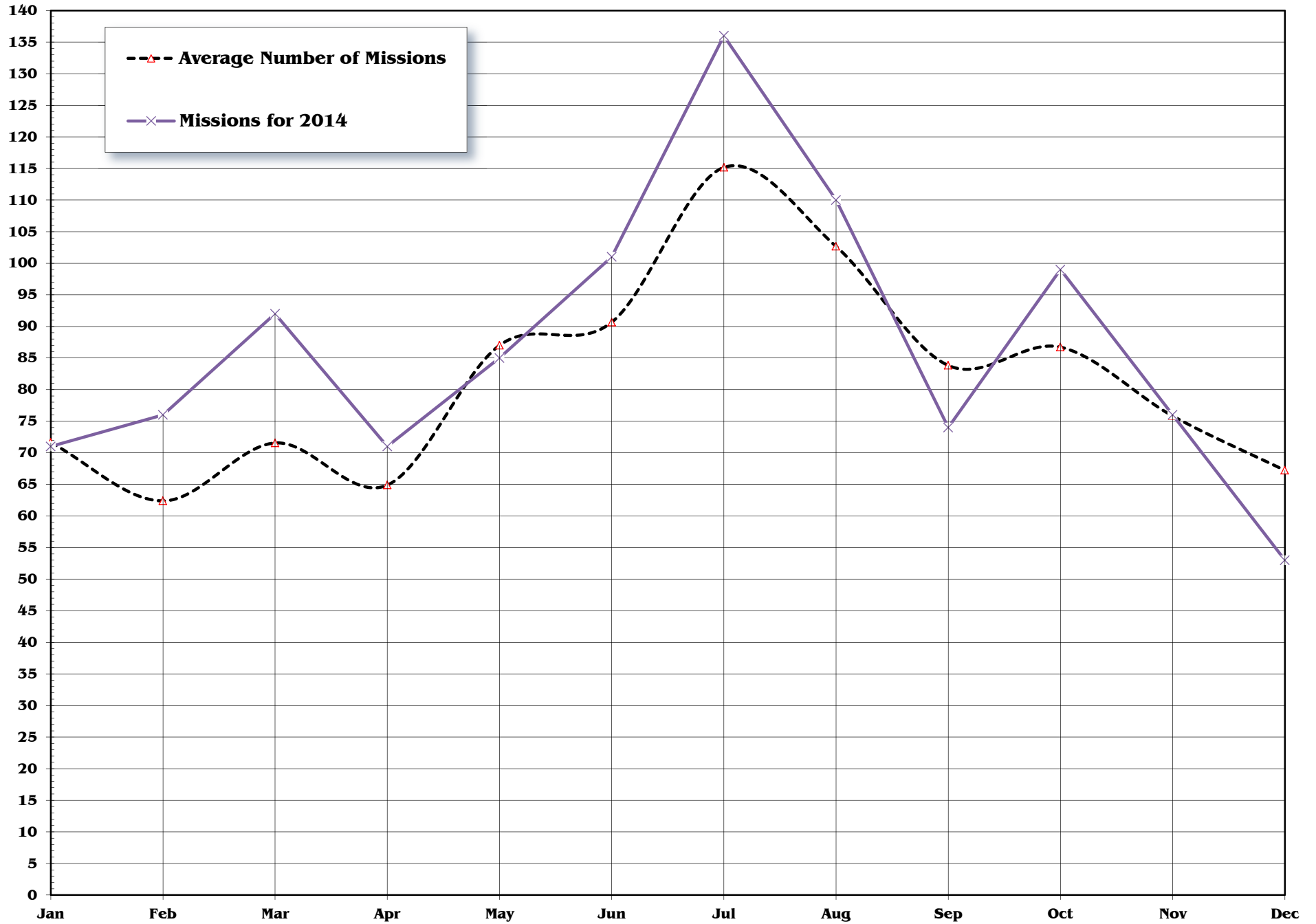
Number of Missing Reports for 2014: 112

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<b>Baker</b>	1	3	1	1	2	4	3	3	4	1	2	1	<b>26</b>
<b>Benton</b>	1	3	3	1	3	11	8	9	3	2	1	3	<b>48</b>
<b>Clackamas</b>	3	3	6	5	6	8	15	11	1	10	6	3	<b>77</b>
<b>Clatsop</b>	2	1	1	2	4	1	1	2	1	2	2	1	<b>20</b>
<b>Columbia</b>		2				1		1	2	2		2	<b>10</b>
<b>Coos</b>		1	1		3	1		2	3	3	2	2	<b>18</b>
<b>Crook</b>	1	2	2	2	1	2	1	1	2	3	2		<b>19</b>
<b>Curry</b>	3	5	1	2	2	3	1	3	2	2	2	2	<b>28</b>
<b>Deschutes</b>	15	13	13	7	10	11	14	7	13	7	6	4	<b>120</b>
<b>Douglas</b>	7	3	6	3	3	2	4	12	9	13	3	3	<b>68</b>
<b>Gilliam</b>				1							1		<b>2</b>
<b>Grant</b>			2		1	2	1			2	1		<b>9</b>
<b>Harney</b>													<b>0</b>
<b>Hood River</b>	3	8	7	8	10	3	9	7	3	3	2	2	<b>65</b>
<b>Jackson</b>	9	4	6	7	8	7	11	12	7	15	7	4	<b>97</b>
<b>Jefferson</b>			3	1	1		1	1		1	1		<b>9</b>
<b>Josephine</b>				1			2	1			3		<b>7</b>
<b>Klamath</b>			1	1	1	2	5	3	1	2	1		<b>17</b>
<b>Lake</b>		4	5	3			1	2		2	1	1	<b>19</b>
<b>Lane</b>	6	3	8	5	5	15	15	10	9	9	7	6	<b>98</b>
<b>Lincoln</b>				1		2				1	2	1	<b>7</b>
<b>Linn</b>	2		1		2	1	3	1	2		1	1	<b>14</b>
<b>Malheur</b>					1	3	1	1				1	<b>7</b>
<b>Marion</b>	1	5	1	1	1	4	6	4	4	2	3	1	<b>33</b>
<b>Morrow</b>										2			<b>2</b>
<b>Multnomah</b>	5	9	7	3	10	5	11	4	1	6	4	5	<b>70</b>
<b>Polk</b>	1				1					1	1		<b>4</b>
<b>REGION</b>			1		1	1	1		1	1			<b>6</b>
<b>Sherman</b>								1					<b>1</b>
<b>Tillamook</b>	2	1	3	6	2	4	10	5			3	4	<b>40</b>
<b>Umatilla</b>	2	1	2	2	1	1	3	1	1	1	2	2	<b>19</b>
<b>Union</b>	2	2	2	2	3	1	3	3	1	3	3	1	<b>26</b>
<b>Wallowa</b>	2		2	2	1	3	2	1	2	1	2		<b>18</b>
<b>Wasco</b>	1		2	2			1		1		2	2	<b>11</b>
<b>Washington</b>	1	1	2	1		2	1			1	2		<b>11</b>
<b>Wheeler</b>	1	1	2			1		1					<b>6</b>
<b>Yamhill</b>		1	1	1	2		2	1	1	1	1	1	<b>12</b>
	<b>71</b>	<b>76</b>	<b>92</b>	<b>71</b>	<b>85</b>	<b>101</b>	<b>136</b>	<b>110</b>	<b>74</b>	<b>99</b>	<b>76</b>	<b>53</b>	<b>1,044</b>
<i>% of total</i>	7%	7%	9%	7%	8%	10%	13%	11%	7%	9%	7%	5%	100%

2014

# Missions per Month

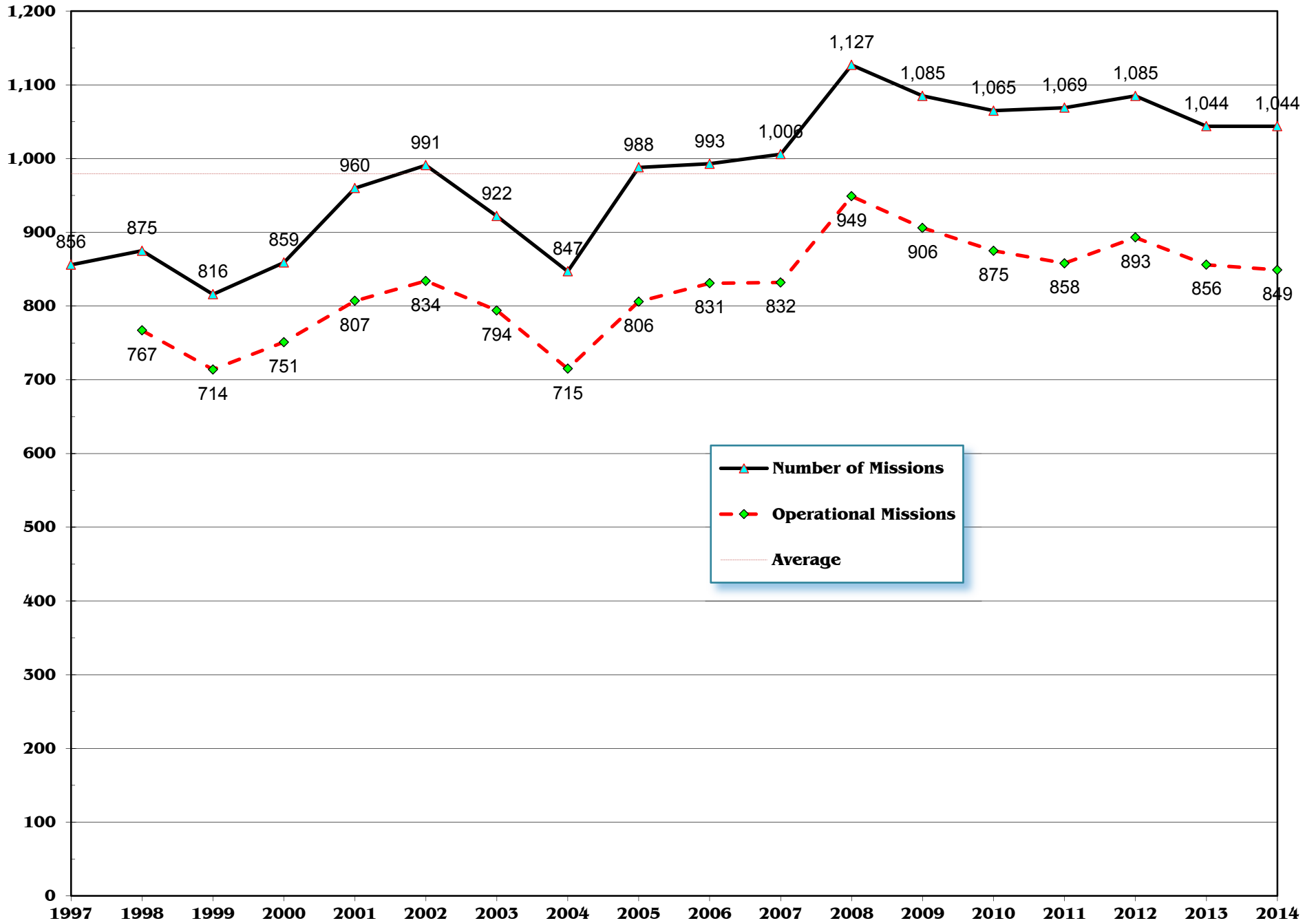
2014



1997-2014

# Missions per Year

1997-2014



# Transportation and Work Hours for 2014 Training Only

Paid Hours		Volunteer Hours		Transportation		
CAP	hrs	CAP	154 hrs	Helicopter	1 hrs	miles
BLM	hrs	BLM	hrs	Military helicopter	hrs	miles
Explorers	hrs	Explorers	6,132 hrs	Plane	hrs	miles
Jeep club	hrs	Jeep club	987 hrs	Military plane	hrs	miles
Fire service	hrs	Fire service	3 hrs	Snowmobile	23 hrs	miles
Divers	665 hrs	Divers	1,231 hrs	Snow-cat	hrs	miles
Forest Service	6 hrs	Forest Service	hrs	ATV	321 hrs	2 miles
Mt Rescue	90 hrs	Mt Rescue	9,128 hrs	Motorcycle	hrs	miles
Ski patrol	hrs	Ski patrol	hrs	4-Wheel drive	38 hrs	44,415 miles
Law enforcement	397 hrs	Law enforcement	9 hrs	Specialized vehicles	61 hrs	791 miles
SAR team	1,311 hrs	SAR team	50,550 hrs	2-wheel drive	8 hrs	23,060 miles
Federal agency	hrs	Federal agency	hrs	Boat	20 hrs	miles
Dog team	hrs	Dog team	4,615 hrs	Other	10 hrs	61,307 miles
Horse Team	hrs	Horse Team	2,659 hrs			
State agency	hrs	State agency	hrs			
Other	hrs	Other	8,605 hrs			
		Amateur radio	2,346 hrs			
<b>Total Paid</b>	<b>Hours</b>	<b>Total Volunteer</b>	<b>Hours</b>	<b>Total Transportation</b>	<b>Hours</b>	<b>Miles</b>
	<b>2,469</b>		<b>86,418</b>		<b>481</b>	<b>129,574</b>

## Reported expenses

Food \$1,384                      Fuel \$795                      Lodging \$                      Other \$

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Sum
<b>Baker</b>		2			1	3	1	1	2		1		<b>11</b>
<b>Benton</b>		2	2		2	10	7	8	2	1		2	<b>36</b>
<b>Clackamas</b>	2	2	5	4	6	8	14	9	1	9	5	2	<b>67</b>
<b>Clatsop</b>	1			2	2					1	1		<b>7</b>
<b>Columbia</b>		2		1		1		1	2	2		2	<b>11</b>
<b>Coos</b>		1	1	1	3	1		2	3	3	2	1	<b>18</b>
<b>Crook</b>		1	1			1			1	2	1		<b>7</b>
<b>Curry</b>	2	4			1	3	1	2	2	1	2	2	<b>20</b>
<b>Deschutes</b>	14	10	12	6	8	8	12	5	12	6	5	2	<b>100</b>
<b>Douglas</b>	5	2	5	2	2		4	11	8	12	2	2	<b>55</b>
<b>Gilliam</b>				1						2	1		<b>4</b>
<b>Grant</b>			2		1	2	1				1		<b>7</b>
<b>Harney</b>													<b>0</b>
<b>Hood river</b>	2	6	6	7	9	2	8	6	3	3	2	2	<b>56</b>
<b>Jackson</b>	7	2	4	5	6	5	8	10	5	13	5	3	<b>73</b>
<b>Jefferson</b>			3	1	1		1	1		1	1		<b>9</b>
<b>Josephine</b>				1			2	1			3		<b>7</b>
<b>Klamath</b>			1	1	1	2	5	3	1	2	1		<b>17</b>
<b>Lake</b>		4	5	3			1	2		2	1		<b>18</b>
<b>Lane</b>	5	2	7	4	4	14	14	9	8	8	6	5	<b>86</b>
<b>Lincoln</b>				1		2					2	1	<b>6</b>
<b>Linn</b>	2		1		2	1	3	1	2		1	1	<b>14</b>
<b>Malheur</b>						3	1	1					<b>5</b>
<b>Marion</b>		4				3	5	3	3	1	2		<b>21</b>
<b>Morrow</b>										2			<b>2</b>
<b>Multnomah</b>	5	8	7	2	9	5	11	4	1	5	3	5	<b>65</b>
<b>Polk</b>	1				1					1	1		<b>4</b>
<b>Region</b>			1		1	1	1		1	1			<b>6</b>
<b>Sherman</b>								1					<b>1</b>
<b>Tillamook</b>	1		2	5	1	3	9	5			3	3	<b>32</b>
<b>Umatilla</b>	2	1	2	2	1	1	3	1	1	1	2	1	<b>18</b>
<b>Union</b>	1	1	1	1	2		1	2		2	2		<b>13</b>
<b>Wallowa</b>	2		2	2	1	3	2	1	2	1	2		<b>18</b>
<b>Wasco</b>	1		2	2			1		1		2	2	<b>11</b>
<b>Washington</b>	1	1	1	1		2	1			1	2		<b>10</b>
<b>Wheeler</b>			1					1					<b>2</b>
<b>Yamhill</b>		1	1	1	2		2	1	1	1	1	1	<b>12</b>
<b>Total</b>	<b>54</b>	<b>56</b>	<b>75</b>	<b>56</b>	<b>67</b>	<b>84</b>	<b>119</b>	<b>92</b>	<b>62</b>	<b>84</b>	<b>63</b>	<b>37</b>	<b>849</b>
<b>% of year</b>	6%	7%	9%	7%	8%	10%	14%	11%	7%	10%	7%	4%	<b>100%</b>

# Transportation and Work Hours for 2014

## No Training or Civic Missions

Paid Hours		Volunteer Hours		Transportation		
CAP	hrs	CAP	417 hrs	Helicopter	66 hrs	25 miles
BLM	48 hrs	BLM	hrs	Military helicopter	177 hrs	miles
Explorers	hrs	Explorers	1,633 hrs	Plane	113 hrs	40 miles
Jeep club	126 hrs	Jeep club	1,194 hrs	Military plane	hrs	miles
Fire service	1,104 hrs	Fire service	545 hrs	Snowmobile	113 hrs	559 miles
Divers	209 hrs	Divers	252 hrs	Snow-cat	34 hrs	80 miles
Forest Service	622 hrs	Forest Service	6 hrs	ATV	246 hrs	233 miles
Mt Rescue	hrs	Mt Rescue	3,663 hrs	Motorcycle	6 hrs	miles
Ski patrol	33 hrs	Ski patrol	106 hrs	4-Wheel drive	1,898 hrs	136,224 miles
Law enforcement	9,230 hrs	Law enforcement	168 hrs	Specialized vehicles	141 hrs	5,199 miles
SAR team	4,561 hrs	SAR team	26,417 hrs	2-wheel drive	551 hrs	9,390 miles
Federal agency	271 hrs	Federal agency	4 hrs	Boat	347 hrs	13 miles
Dog team	11 hrs	Dog team	2,117 hrs	Other	48 hrs	28,186 miles
Horse Team	23 hrs	Horse Team	218 hrs			
State agency	351 hrs	State agency	1 hrs			
Other	290 hrs	Other	2,249 hrs			
		Amateur radio	1,558 hrs			
<b>Total Paid</b>	<b>Hours</b>	<b>Total Volunteer</b>	<b>Hours</b>	<b>Total Transportation</b>	<b>Hours</b>	<b>Miles</b>
	<b>16,877</b>		<b>40,546</b>		<b>3,738</b>	<b>179,949</b>

### Unbudgeted costs

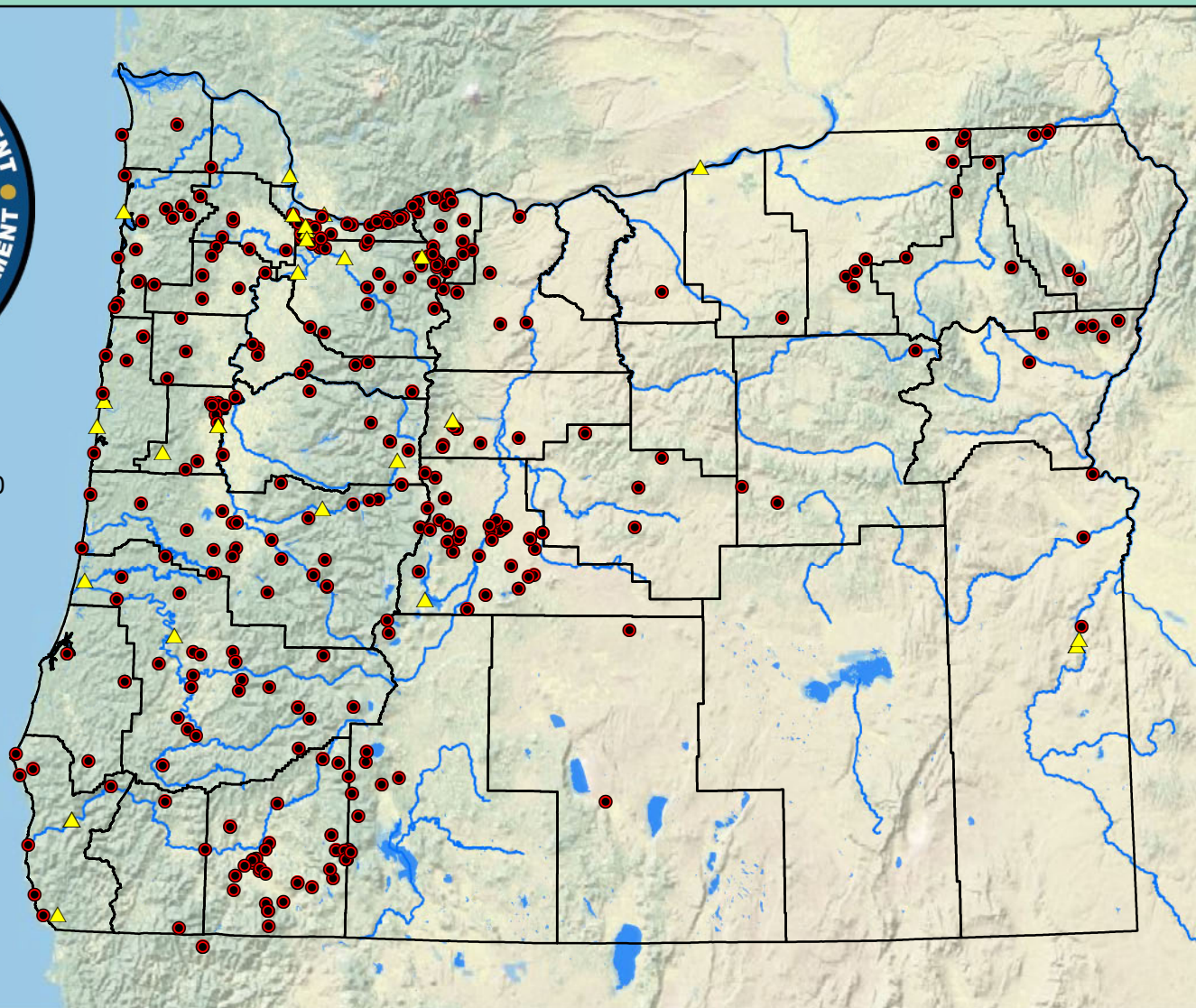
Food \$9,701                      Fuel \$9,524                      Lodging \$367                      Other \$49,736

**Number of Reports in Database for 2014:**

**845**



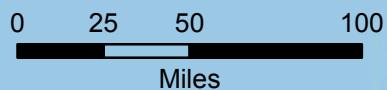
- ▲ Water
- Land



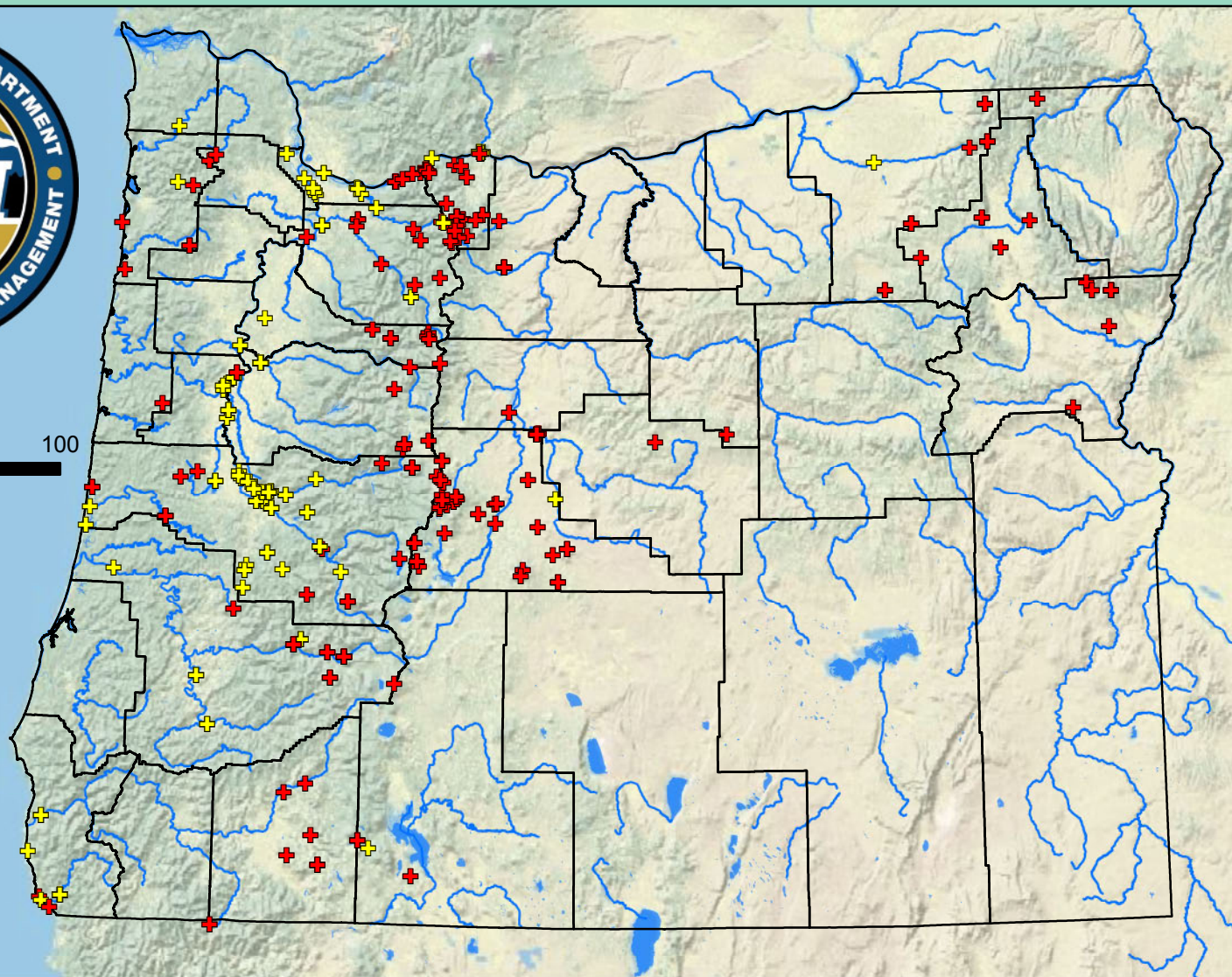
# SEARCHES 2014

Date: 2/19/2015  
Created by georges kleinbaum



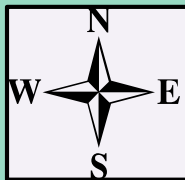
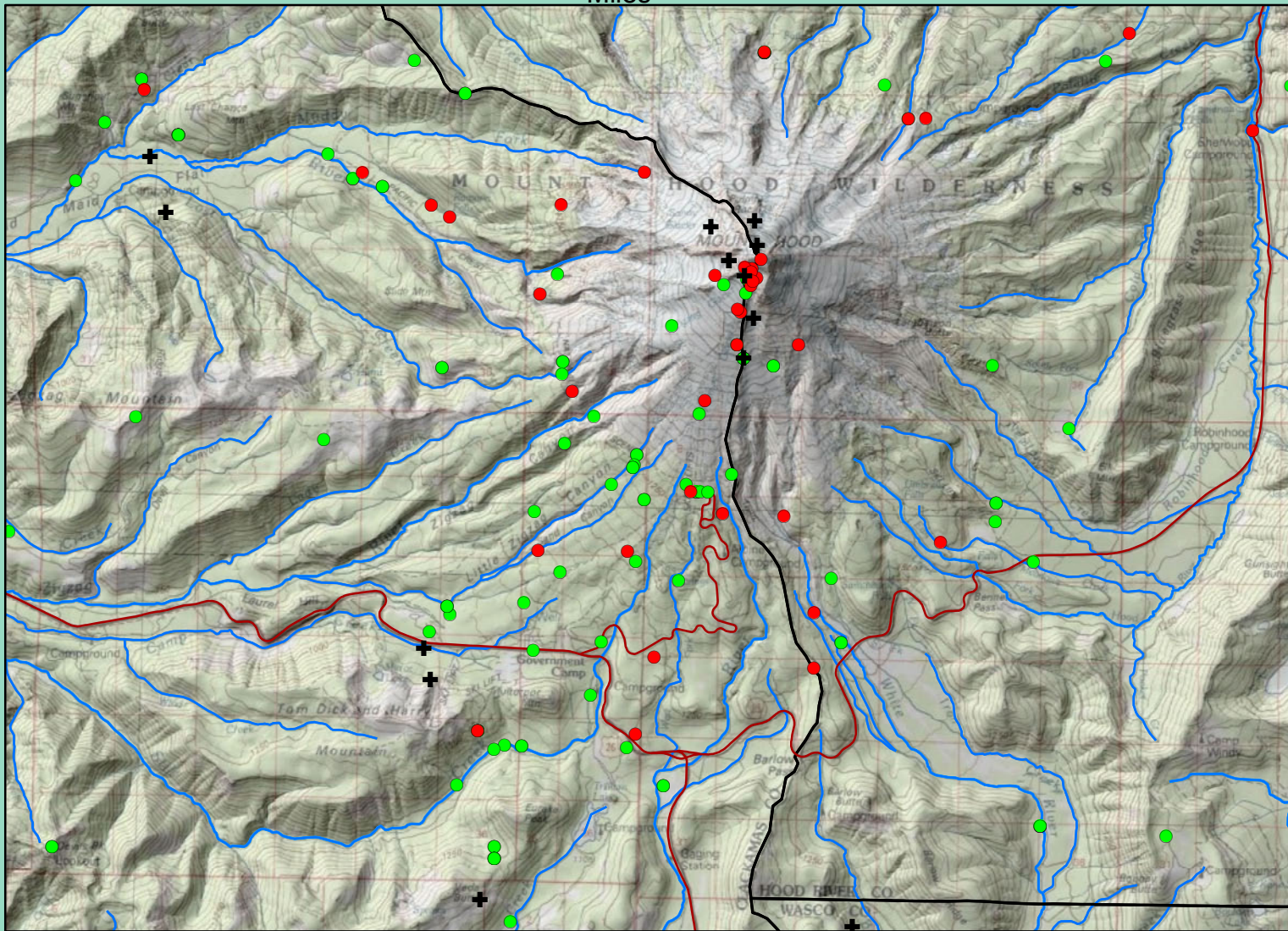


- + Water
- + Land



# RESCUES 2014

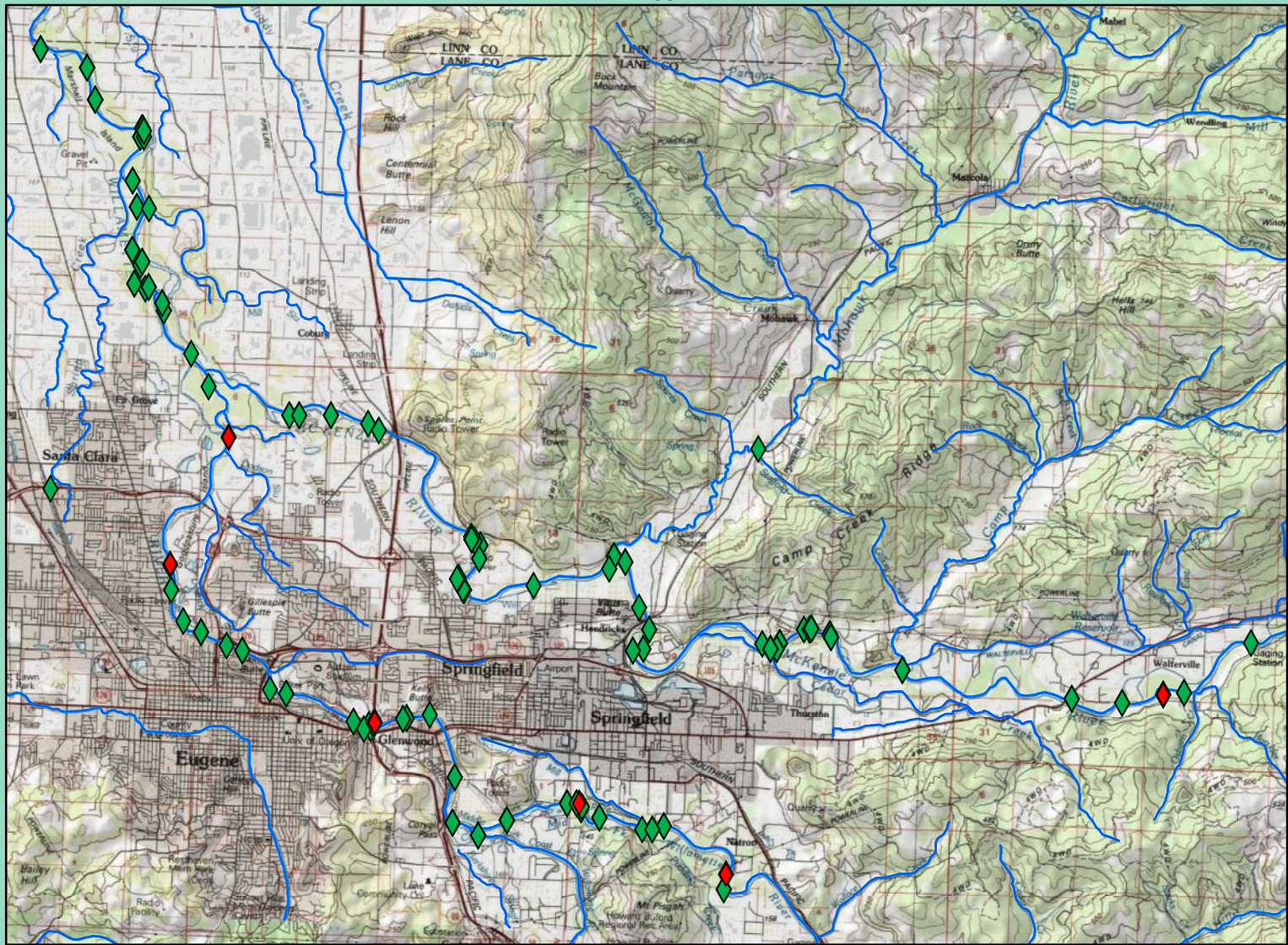
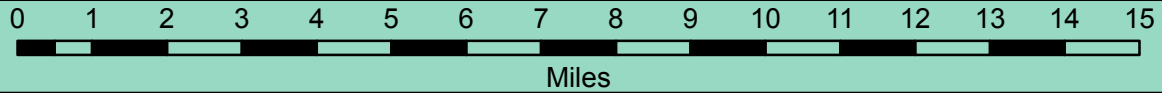
Date: 2/19/2015  
Created by georges kleinbaum



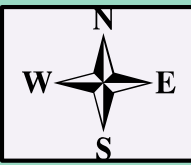
# Mission Results

(Mt Hood region 2010-2014)

Date: 2/19/2015  
 Created by georges kleinbaum



- Recovered
- ◆ Deceased
  - ◆ Alive



2010-2014

# Water Missions

Eugene - Springfield

Date: 2/19/2015  
Created by georges kleinbaum

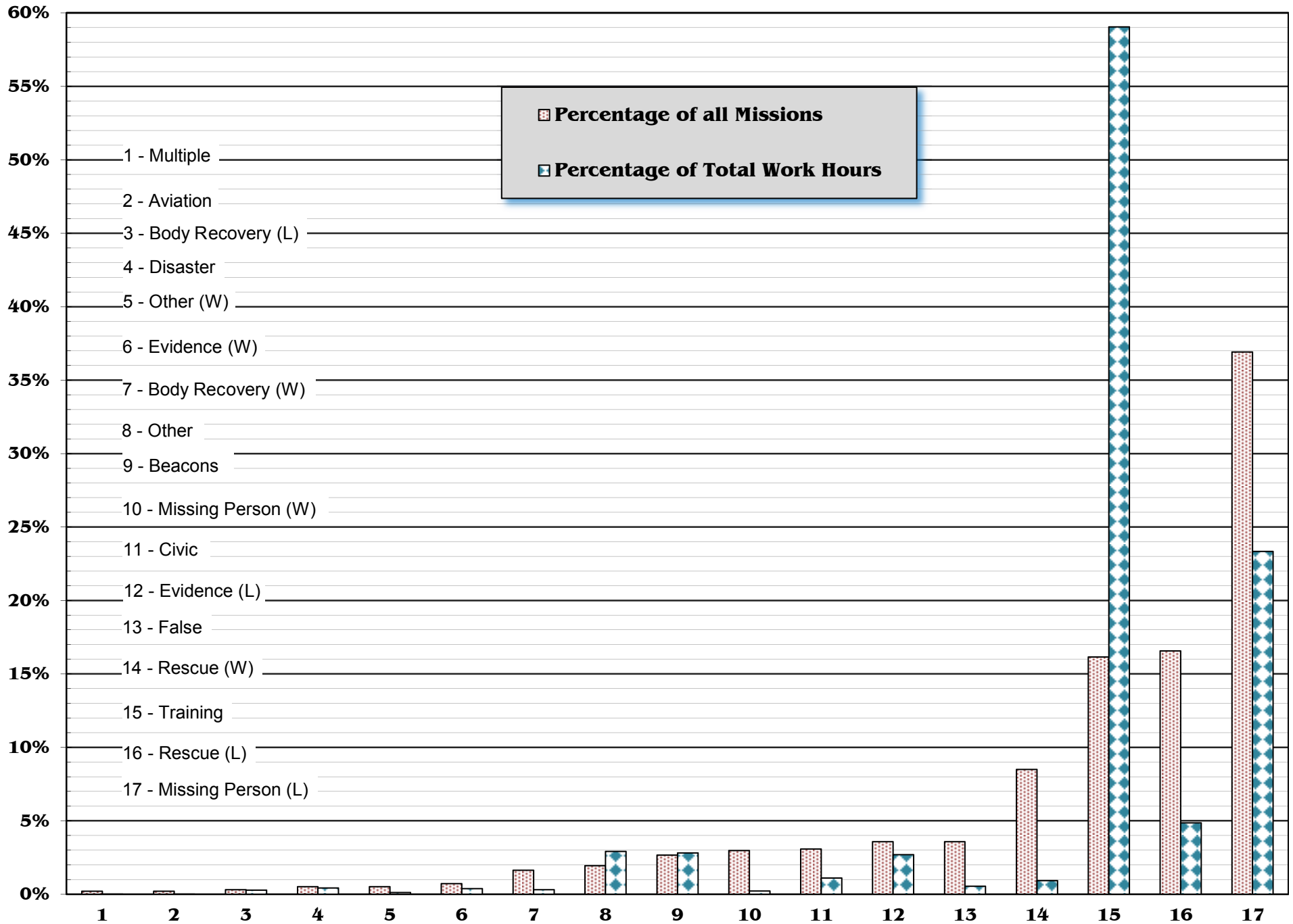
	Mult	Aviation	Beacon	M/P (L)	M/P (W)	Evid (L)	Evid (W)	Resc (L)	Resc (W)	Training	Other (W)	False	Body (W)	Body (L)	E/M	Civic	Other	TOTAL
<b>Baker</b>				6				5		12						3		<b>26</b>
<b>Benton</b>				10	2	3		1	14	11		1			1		2	<b>45</b>
<b>Clackamas</b>		1	1	26	5			24	5	8		5					1	<b>76</b>
<b>Clatsop</b>	2		1	3	1	2	1	1	1	12						1		<b>25</b>
<b>Columbia</b>			1	1	2							1						<b>5</b>
<b>Coos</b>				1														<b>1</b>
<b>Crook</b>				5				2		11				1				<b>19</b>
<b>Curry</b>				7	2			2	5	7				1		1	2	<b>27</b>
<b>Deschutes</b>			6	40	1	3		40	2	12	1	1		1	4	7	1	<b>119</b>
<b>Douglas</b>	1			28	2	5	1	6	5	11		6		1	3	1	1	<b>71</b>
<b>Gilliam</b>		1		1														<b>2</b>
<b>Grant</b>			1	4														<b>5</b>
<b>Hood River</b>			1	24				21	7	9		3						<b>65</b>
<b>Jackson</b>	1		5	44	2	2		8	1	12	1	5		1	3	11	7	<b>103</b>
<b>Jefferson</b>				8	1													<b>9</b>
<b>Josephine</b>				1														<b>1</b>
<b>Klamath</b>			2	6		2	1	3	1		1			1	2			<b>19</b>
<b>Lake</b>				5														<b>5</b>
<b>Lane</b>		1	2	26	1	9	1	13	29	12	1	2			1			<b>98</b>
<b>Lincoln</b>				4	2			1										<b>7</b>
<b>Linn</b>				6	1			5				1			1			<b>14</b>
<b>Malheur</b>			1	3	1					1								<b>6</b>
<b>Marion</b>			1	9		3		3	1	12		2			2			<b>33</b>
<b>Morrow</b>				1								1						<b>2</b>
<b>Multnomah</b>	1		2	28	7	2		6	10	6	1	3	2			1		<b>69</b>
<b>Polk</b>				4														<b>4</b>
<b>Region</b>			2	1											1		1	<b>5</b>
<b>Tillamook</b>				17	1	4		5	1	7		1					1	<b>37</b>
<b>Umatilla</b>				9	1			5	1			2		1				<b>19</b>
<b>Union</b>			1	4				5		12		1			1	1		<b>25</b>
<b>Wallowa</b>				7	1			1										<b>9</b>
<b>Wasco</b>				6				3										<b>9</b>
<b>Washington</b>				9		1		1										<b>11</b>
<b>Wheeler</b>				1				1		4								<b>6</b>
<b>Yamhill</b>			2	9		1												<b>12</b>
																		<b>0</b>
																		<b>0</b>
<b>TOTAL</b>	<b>5</b>	<b>3</b>	<b>29</b>	<b>364</b>	<b>33</b>	<b>37</b>	<b>4</b>	<b>162</b>	<b>83</b>	<b>159</b>	<b>5</b>	<b>35</b>	<b>2</b>	<b>7</b>	<b>19</b>	<b>26</b>	<b>16</b>	<b>989</b>
<b>% of Total</b>	<b>0.5%</b>	<b>0.3%</b>	<b>3%</b>	<b>37%</b>	<b>3%</b>	<b>4%</b>	<b>0%</b>	<b>16%</b>	<b>8%</b>	<b>16%</b>	<b>0.5%</b>	<b>4%</b>	<b>0%</b>	<b>1%</b>	<b>1.9%</b>	<b>3%</b>	<b>2%</b>	<b>100%</b>

Missions by Type and by County  
(Without Training and Civic Missions)

	Mult	Aviation	Beacon	M/P (L)	M/P (W)	Evid (L)	Evid (W)	Resc (L)	Resc (W)	Other (W)	False	Body (W)	Body (L)	E/M	Other	TOTAL
<b>Baker</b>	1	5	18	84	6	4	1	40	7	2	12	2	1		1	<b>184</b>
<b>Benton</b>	2	2	44	103	6	25		6	27		16		1	5	30	<b>267</b>
<b>Clackamas</b>	3	18	98	555	52	33	2	319	151	6	116	7	9		8	<b>1,377</b>
<b>Clatsop</b>	2	3	40	95	14	13	22	54	5	15	9	3	3	5	23	<b>306</b>
<b>Columbia</b>	1	4	36	63	8	12		7	4		12			1		<b>148</b>
<b>Coos</b>	1	5	39	94	2	2		26	11		6			1	4	<b>191</b>
<b>Crook</b>		4	24	95	1	2		22			10		1	4	3	<b>166</b>
<b>Curry</b>		5	15	124	14	6	1	56	27	3	14	3	2	1	4	<b>275</b>
<b>Deschutes</b>	4	15	97	509	29	40	4	532	28	5	27	5	12	58	26	<b>1,391</b>
<b>Douglas</b>	6	12	52	299	31	44	14	126	55	9	45	3	8	4	18	<b>726</b>
<b>Gilliam</b>		2	13	4		1										<b>20</b>
<b>Grant</b>		3	15	60				15			7				1	<b>101</b>
<b>Harney</b>		6	33	49	1	1		10			1					<b>101</b>
<b>Hood River</b>		3	20	109	3	1		129	15		8		1		3	<b>292</b>
<b>Jackson</b>	6	9	76	551	20	79	10	127	37	29	56	5	13	43	86	<b>1,147</b>
<b>Jefferson</b>	2	1	21	103	8	5	1	66	6		9	2	1	5	3	<b>233</b>
<b>Josephine</b>	1	7	30	92	10	16	7	52	6	2	12		2	18	81	<b>336</b>
<b>Klamath</b>	7	15	43	223	24	19	14	52	35	11	21	3	4	5	3	<b>479</b>
<b>Lake</b>	1	4	26	97	1	5		12			5			4	16	<b>171</b>
<b>Lane</b>	16	9	103	450	61	64	23	140	394	55	36	20	11	2	8	<b>1,392</b>
<b>Lincoln</b>	2	2	45	70	12	16	2	14	4	2	4		1	2	2	<b>178</b>
<b>Linn</b>	3	9	35	148	11	2		76	13		12	1	1	2	1	<b>314</b>
<b>Malheur</b>	1	17	54	90	16	1		17	9		21				2	<b>228</b>
<b>Marion</b>		3	89	98	11	18		26	9	2	11	1	1	4	4	<b>277</b>
<b>Morrow</b>		2	14	40	8			21	10	3	5					<b>103</b>
<b>Multnomah</b>	5	1	157	266	87	64	20	128	132	16	32	37	9	1	10	<b>965</b>
<b>Polk</b>	2	1	45	46	5	4		6	1		2		1			<b>113</b>
<b>Region</b>		75	82	13	2			2			4			1	53	<b>232</b>
<b>Sherman</b>			11	1	2			2	2							<b>18</b>
<b>Tillamook</b>	4	2	22	378	31	11	1	112	41	2	65		1	1	5	<b>676</b>
<b>Umatilla</b>	1	7	44	62	3	9	0	37	2		6	1	2		1	<b>175</b>
<b>Union</b>		1	16	158	3	9		52	1		15			8	2	<b>265</b>
<b>Wallowa</b>	2	4	23	101	8	1		64	6		12			5	3	<b>229</b>
<b>Warm Springs</b>	1	0	0	5	2											<b>8</b>
<b>Wasco</b>	1	2	15	138	24	7	1	44	37	3	19	3	2	3	6	<b>305</b>
<b>Washington</b>		4	136	107		25		7	2		4		2		5	<b>292</b>
<b>Wheeler</b>		2	9	15	2	1		1	1		1				1	<b>33</b>
<b>Yamhill</b>	1	5	34	77	2	12	1	12	2		4	1	1		1	<b>153</b>
<b>TOTAL</b>	<b>76</b>	<b>269</b>	<b>1,674</b>	<b>5,572</b>	<b>520</b>	<b>552</b>	<b>124</b>	<b>2,412</b>	<b>1,080</b>	<b>165</b>	<b>639</b>	<b>97</b>	<b>90</b>	<b>183</b>	<b>414</b>	<b>13,867</b>
<b>% of Total</b>	<b>0.5%</b>	<b>1.9%</b>	<b>12.1%</b>	<b>40.2%</b>	<b>3.7%</b>	<b>4.0%</b>	<b>0.9%</b>	<b>17.4%</b>	<b>7.8%</b>	<b>1.2%</b>	<b>4.6%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>1.3%</b>	<b>3.0%</b>	<b>100%</b>

<b>Evidence (W)</b>	<b>Trans hrs</b>	<b>Trans miles</b>	<b>Paid hrs</b>	<b>Vol hrs</b>	<b>Total hrs</b>	<b>Sum</b>
Sum	9	175	13	33	46	2
Percent of total	0.2%	0.1%	0.1%	0.0%	0.0%	0.2%
<b>Body Recovery (W)</b>						
Sum	12	40	30	0	30	2
Percent of total	0.2%	0.0%	0.2%	0.0%	0.0%	0.2%
<b>Aviation</b>						
Sum	45	508	135	283	418	3
Percent of total	0.9%	0.2%	0.7%	0.2%	0.3%	0.3%
<b>Multiple</b>						
Sum	58	2041	186	450.5	637	5
Percent of total	1.2%	0.6%	1.0%	0.3%	0.4%	0.5%
<b>Other (W)</b>						
Sum	32	591	97	69	166	5
Percent of total	0.7%	0.2%	0.5%	0.1%	0.1%	0.5%
<b>Body Recovery (L)</b>						
Sum	0	1,620	135	441	576	7
Percent of total	0.0%	0.5%	0.7%	0.3%	0.4%	0.7%
<b>Other</b>						
Sum	28	1,552	245	223	468	16
Percent of total	0.6%	0.5%	1.3%	0.2%	0.3%	1.6%
<b>Disaster</b>						
Sum	6	12,113	1,700	2,681	4,381	19
Percent of total	0.1%	3.6%	8.7%	2.0%	2.9%	1.9%
<b>Civic</b>						
Sum	559	24,477	161	4,067	4,227	26
Percent of total	11.7%	7.3%	0.8%	3.1%	2.8%	2.7%
<b>Beacons</b>						
Sum	27	121	43	289	332	29
Percent of total	0.6%	0.0%	0.2%	0.2%	0.2%	3.0%
<b>Missing Person (W)</b>						
Sum	199	3,495	904	748	1,652	30
Percent of total	4.2%	1.0%	4.6%	0.6%	1.1%	3.1%

<b>Evidence (L)</b>	<b>Trans hrs</b>	<b>Trans miles</b>	<b>Paid hrs</b>	<b>Vol hrs</b>	<b>Total hrs</b>	<b>Sum</b>
Sum	116	15,831	617	3,430	4,047	35
Percent of total	2.4%	4.7%	3.2%	2.6%	2.7%	3.6%
<b>False</b>						
Sum	21	5,673	303	518	821	35
Percent of total	0.4%	1.7%	1.6%	0.4%	0.5%	3.6%
<b>Rescue (W)</b>						
Sum	115	5,463	854	541	1,395	83
Percent of total	2.4%	1.6%	4.4%	0.4%	0.9%	8.5%
<b>Training</b>						
Sum	481	129,574	2,469	86,418	88,887	158
Percent of total	10.1%	38.8%	12.7%	66.0%	59.0%	16.2%
<b>Rescue (L)</b>						
Sum	339	25,133	2,127	5,191	7,318	162
Percent of total	7.1%	7.5%	10.9%	4.0%	4.9%	16.6%
<b>Missing Person (L)</b>						
Sum	2,732	105,595	9,488	25,650	35,138	361
Percent of total	57.2%	31.6%	48.6%	19.6%	23.3%	36.9%
<b>Grand Total</b>	<b>4,778</b>	<b>334,000</b>	<b>19,506</b>	<b>131,032</b>	<b>150,538</b>	<b>978</b>





MP (L)	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hr/msn
Baker	2	2,592	52	223	7	<b>39</b>
Benton	1	15	58	187	10	<b>24</b>
Clackamas	96	30	929	1,679	27	<b>97</b>
Clatsop	17	942	125	143	3	<b>89</b>
Columbia	157		145	323	1	<b>467</b>
Coos			1		1	<b>1</b>
Crook		1,459	35	194	5	<b>46</b>
Curry		2,249	107	198	7	<b>44</b>
Deschutes	82	9,072	597	2,676	42	<b>78</b>
Douglas	12	17,437	651	2,547	30	<b>107</b>
Gilliam			5	33	1	<b>38</b>
Grant	8	40	62	14	4	<b>19</b>
Hood River	80	869	223	115	26	<b>13</b>
Jackson	152	42,687	926	5,233	49	<b>126</b>
Jefferson	67	150	61	92	9	<b>17</b>
Josephine	1		1	20	1	<b>21</b>
Klamath	2	1,858	54	377	11	<b>39</b>
Lake	8		5	50	5	<b>11</b>
Lane	11	8,464	354	1,129	30	<b>49</b>
Lincoln	17		202	167	4	<b>92</b>
Linn	20		45	37	6	<b>14</b>
Malheur	42	4	24	38	3	<b>21</b>
Marion	76	624	210	222	10	<b>43</b>
Morrow		45	2		1	<b>2</b>
Multnomah	120	9,592	898	3,523	29	<b>152</b>
Polk	64	20	38	122	6	<b>27</b>
Region			1		1	<b>1</b>
Tillamook	1,536	172	1,888	2,184	18	<b>226</b>
Umatilla	7	1,909	140	381	9	<b>58</b>
Union		1,760	122	160	6	<b>47</b>
Wallowa	27	705	9	230	7	<b>34</b>
Wasco	99		595	1,580	6	<b>363</b>
Washington	12		749	816	10	<b>156</b>
Wheeler				42	2	<b>21</b>
Yamhill	18	2,900	175	919	12	<b>91</b>
<b>Total</b>	<b>2,732</b>	<b>105,595</b>	<b>9,488</b>	<b>25,650</b>	<b>399</b>	<b>88</b>
<b>Average</b>	<b>2,129</b>	<b>109,389</b>	<b>7,349</b>	<b>28,793</b>	<b>352</b>	<b>103</b>

Rescue (L)	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hr/msn
Baker	17	2,740	72	498	5	<b>114</b>
Benton			1	146	2	<b>73</b>
Clackamas	51	30	409	485	24	<b>37</b>
Clatsop		104	2	10	1	<b>12</b>
Crook		290	6	50	2	<b>28</b>
Curry		180	3	25	2	<b>14</b>
Deschutes	68	6,363	514	1,736	41	<b>55</b>
Douglas		2,364	79	116	6	<b>32</b>
Hood River	98	2,272	380	651	21	<b>49</b>
Jackson	11	2,255	57	210	8	<b>33</b>
Klamath		327	10	51	3	<b>20</b>
Lane	5	4,797	131	578	13	<b>55</b>
Lincoln			37		1	<b>37</b>
Linn	15		54	78	6	<b>22</b>
Marion	7	24	100	205	3	<b>102</b>
Multnomah		880	163	190	6	<b>59</b>
Tillamook	17		39	8	5	<b>9</b>
Umatilla	14	942	30	67	5	<b>19</b>
Union	3	648	7	58	5	<b>13</b>
Wallowa	17	800	18		1	<b>18</b>
Wasco	16		14	32	3	<b>15</b>
Washington			1		1	<b>1</b>
Wheeler		117	4		1	<b>4</b>
<b>Total</b>	<b>339</b>	<b>25,133</b>	<b>2,127</b>	<b>5,191</b>	<b>165</b>	<b>44</b>
<b>Average</b>	<b>384</b>	<b>18,089</b>	<b>1,630</b>	<b>4,008</b>	<b>140</b>	<b>40</b>

Aviation	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hr/msn
Clackamas	2		12		1	12
Gilliam			0		1	0
Lane	43	508	123	283	1	406
<b>Total</b>	<b>45</b>	<b>508</b>	<b>135</b>	<b>283</b>	<b>3</b>	<b>139</b>
<b>Average</b>	<b>137</b>	<b>2,509</b>	<b>249</b>	<b>1,114</b>	<b>17</b>	<b>81</b>

Rescue (W)						
Benton	14		30		14	2
Clackamas	12		122	105	5	45
Clatsop			15	23	1	37
Curry	7	511	69	25	5	19
Deschutes		42	6	40	2	23
Douglas	2	769	26	62	5	17
Hood River	6	48	23	14	7	5
Jackson	3	80	3	4	1	7
Klamath		105	11	30	1	41
Lane	32	3,525	265	108	29	13
Marion	1		3		1	3
Multnomah	27	375	185	6	10	19
Tillamook	12		87	124	1	211
Umatilla		8	11	1	1	12
<b>Total</b>	<b>115</b>	<b>5,463</b>	<b>854</b>	<b>541</b>	<b>83</b>	<b>17</b>
<b>Average</b>	<b>146</b>	<b>4,158</b>	<b>919</b>	<b>528</b>	<b>61</b>	<b>24</b>

Multiple missions						
Clatsop	11	48	18	92	2	55
Douglas		118	8	22	1	30
Jackson	1	60	5		1	5
Multnomah	46	1,815	155	337	1	492
<b>Total</b>	<b>46</b>	<b>1,815</b>	<b>155</b>	<b>337</b>	<b>1</b>	<b>492</b>
<b>Average</b>	<b>71</b>	<b>2,152</b>	<b>271</b>	<b>602</b>	<b>5</b>	<b>185</b>

MP (W)	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hr/msn
Baker		570		69	1	69
Benton			4	6	3	3
Clackamas	8		83	6	5	18
Columbia	18		65		2	33
Curry	1	246	29	5	2	17
Deschutes	7	1,064	71	243	2	157
Douglas		80	17	1	2	9
Jackson		132	4	3	1	7
Jefferson	38		30	92	1	122
Lane		398	20	43	1	63
Lincoln	10		70	100	2	85
Linn	6		8	2	1	10
Malheur	6		16	10	1	26
Multnomah	65	849	436	108	7	78
Tillamook	10		18	24	1	42
Umatilla	30	156	32	36	1	68
Wallowa			2		1	2
<b>Total</b>	<b>199</b>	<b>3,495</b>	<b>904</b>	<b>748</b>	<b>34</b>	<b>49</b>
<b>Average</b>	<b>520</b>	<b>7,330</b>	<b>1,413</b>	<b>1,969</b>	<b>34</b>	<b>101</b>

Evid (W)						
Klamath	9		9	21	1	30
Lane		175	4	12	1	16
<b>Total</b>	<b>9</b>	<b>175</b>	<b>13</b>	<b>33</b>	<b>2</b>	<b>23</b>
<b>Average</b>	<b>11</b>	<b>826</b>	<b>89</b>	<b>164</b>	<b>7</b>	<b>37</b>

Other (W)	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hr/msn
Deschutes		10	24	14	1	38
Jackson	28	410	44	17	1	61
Klamath				8	1	8
Lane		96	8	30	1	38
Multnomah	4	75	21		1	21
<b>Total</b>	<b>32</b>	<b>591</b>	<b>97</b>	<b>69</b>	<b>5</b>	<b>33</b>
<b>Average</b>	<b>24</b>	<b>1,188</b>	<b>106</b>	<b>139</b>	<b>9</b>	<b>26</b>

Disaster						
Benton			53	42	1	95
Deschutes		4,352	1,317	1,415	5	546
Douglas		1,466	52	170	3	74
Jackson		3,061	78	310	4	97
Klamath			128	125	2	126
Lane		1,320	67	359	1	425
Linn	6		6	12	1	18
Marion		1,644		221	2	110
Region			1		1	1
Union		270		28	1	28
<b>Total</b>	<b>6</b>	<b>12,113</b>	<b>1,700</b>	<b>2,681</b>	<b>21</b>	<b>209</b>
<b>Average</b>	<b>59</b>	<b>7,199</b>	<b>605</b>	<b>1,829</b>	<b>11</b>	<b>229</b>

Body (W)						
Multnomah	12	40	30		2	15
<b>Total</b>	<b>12</b>	<b>40</b>	<b>30</b>	<b>0</b>	<b>2</b>	<b>15</b>
<b>Average</b>	<b>14</b>	<b>537</b>	<b>93</b>	<b>145</b>	<b>6</b>	<b>43</b>

Civic						
Baker		1,386		225	3	75
Clatsop	78		23	131	1	154
Curry		180	10	20	1	30
Deschutes	93	1,248	39	502	7	77
Douglas		1,631	30	711	1	741
Jackson	389	19,672	35	2,016	11	186
Multnomah			24	415	1	439
Union		360		48	1	48
<b>Total</b>	<b>559</b>	<b>24,477</b>	<b>161</b>	<b>4,067</b>	<b>26</b>	<b>163</b>
<b>Average</b>	<b>447</b>	<b>19,164</b>	<b>469</b>	<b>4,977</b>	<b>31</b>	<b>176</b>

False	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hr/msn
Benton	1		2		1	2
Clackamas	0		35	30	5	13
Columbia			46	11	1	57
Deschutes		90	7	12	1	19
Douglas	3	2,545	88	273	6	60
Hood River	2	260	26	24	3	17
Jackson	1	2,177	26	114	5	28
Lane	2	162	13	6	2	10
Linn	2		6	6	1	12
Marion			9	6	2	8
Morrow		20	1		1	1
Multnomah	9	128	26	8	3	11
Tillamook		3	6	6	1	12
Umatilla	0	128	8	8	2	8
Union		160	4	14	1	18
<b>Total</b>	<b>21</b>	<b>5,673</b>	<b>303</b>	<b>518</b>	<b>35</b>	<b>23</b>
<b>Average</b>	<b>89</b>	<b>4,510</b>	<b>355</b>	<b>806</b>	<b>37</b>	<b>31</b>

Beacons						
Clackamas			1		1	1
Clatsop	4		2	20	1	22
Columbia	1		2	40	1	42
Deschutes		81	8	8	6	3
Grant	7		6	80	1	86
Hood River	3		1	8	1	9
Jackson		20	7		5	1
Klamath			1		2	1
Lane		20	6	4	2	5
Malheur			1		1	1
Marion			1		1	1
Multnomah	1		2	30	2	16
Region	2		3	20	2	12
Union	9		1	80	1	81
Yamhill			1		2	1
<b>Total</b>	<b>27</b>	<b>121</b>	<b>43</b>	<b>289</b>	<b>29</b>	<b>11</b>
<b>Average</b>	<b>45</b>	<b>1,054</b>	<b>82</b>	<b>818</b>	<b>94</b>	<b>10</b>

Training	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hr/msn
Baker		6,026	62	946	12	<b>84</b>
Benton		12,614		5,980	11	<b>544</b>
Clackamas	76		622	679	8	<b>163</b>
Clatsop	116	666	124	1,004	12	<b>94</b>
Crook		840	56	3,512	11	<b>324</b>
Curry	24	1,394	110	712	7	<b>117</b>
Deschutes	166	12,660	51	18,072	12	<b>1,510</b>
Douglas		5,268	24	5,338	11	<b>487</b>
Hood River			90	524	9	<b>68</b>
Jackson	87	61,966	134	6,220	12	<b>529</b>
Lane				19,855	12	<b>1,655</b>
Malheur		180		240	1	<b>240</b>
Marion		16,065		7,648	12	<b>637</b>
Multnomah	2	6,624	1,034	13,458	5	<b>2,898</b>
Tillamook	10		156	919	7	<b>154</b>
Union		2,412		1,022	12	<b>85</b>
Wheeler		2,860	7	292	4	<b>75</b>
<b>Total</b>	<b>481</b>	<b>129,574</b>	<b>2,469</b>	<b>86,418</b>	<b>158</b>	<b>563</b>
<b>Average</b>	<b>932</b>	<b>106,669</b>	<b>2,309</b>	<b>48,880</b>	<b>110</b>	<b>464</b>

Body (L)	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hr/msn
Crook		20	15	10	1	<b>25</b>
Curry		120	7	6	1	<b>13</b>
Deschutes		30	2		1	<b>2</b>
Douglas		120	15		1	<b>15</b>
Jackson		874	16	156	2	<b>86</b>
Klamath		456	73	211	1	<b>284</b>
Umatilla			7	59	1	<b>66</b>
<b>Total</b>	<b>0</b>	<b>1,620</b>	<b>135</b>	<b>441</b>	<b>8</b>	<b>72</b>
<b>Average</b>	<b>21</b>	<b>1,242</b>	<b>120</b>	<b>309</b>	<b>5</b>	<b>83</b>

Evid (L)	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hr/msn
Benton			6	13	3	<b>6</b>
Clatsop		41		33	1	<b>33</b>
Deschutes		717	34	365	3	<b>133</b>
Douglas		1,695	115	228	5	<b>69</b>
Jackson	50	9,443	117	889	3	<b>335</b>
Klamath		1,541	35	468	3	<b>168</b>
Lane		1,786	74	752	9	<b>92</b>
Marion	6	400		57	3	<b>19</b>
Multnomah		208	54	250	2	<b>152</b>
Tillamook	60		172	302	4	<b>119</b>
Washington			2	24	1	<b>26</b>
Yamhill			10	50	1	<b>60</b>
<b>Total</b>	<b>116</b>	<b>15,831</b>	<b>617</b>	<b>3,430</b>	<b>38</b>	<b>106</b>
<b>Average</b>	<b>66</b>	<b>7,862</b>	<b>425</b>	<b>2,667</b>	<b>33</b>	<b>93</b>

Other (L)	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hr/msn
Benton	1		3	40	2	<b>22</b>
Clackamas	1		9		1	<b>9</b>
Curry		190	8	12	2	<b>10</b>
Deschutes		160	10	34	1	<b>44</b>
Douglas		63	6	3	1	<b>9</b>
Jackson	8	1,139	17	134	7	<b>22</b>
Region			0		1	<b>0</b>
Tillamook	18		192		1	<b>192</b>
<b>Total</b>	<b>28</b>	<b>1,552</b>	<b>245</b>	<b>223</b>	<b>16</b>	<b>29</b>
<b>Average</b>	<b>38</b>	<b>4,801</b>	<b>350</b>	<b>1,488</b>	<b>23</b>	<b>80</b>

<b>County</b>	<b>MP (L)</b>	<b>MP (W)</b>	<b>Evid (L)</b>	<b>Evid (W)</b>	<b>Trans hrs</b>	<b>Trans miles</b>	<b>Paid hrs</b>	<b>Vol hrs</b>
Clatsop	Yes	Yes				48	11	38
Clatsop			Yes	Yes	11		7	54
Douglas			Yes	Yes		118	8	21.5
Jackson	Yes	Yes			1	60	5	
Multnomah	Yes	Yes			46	1,815	155.25	337
<b>Total</b>					<b>46</b>	<b>1,815</b>	<b>155</b>	<b>337</b>

ATV	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hrs/msn
Baker		2,325	42	154	5	39
Benton			4		1	4
Deschutes	24	1,628	96	304	4	100
Hood River	1		2		1	2
Jackson	9	811	9	89	1	98
Jefferson	4		2	2	1	4
Tillamook	33		77	12	6	15
Union		115	7	9	1	16
Washington			40		1	40
<b>Total</b>	<b>70</b>	<b>4,879</b>	<b>279</b>	<b>570</b>	<b>21</b>	<b>40</b>
<i>Average</i>	<i>76</i>	<i>2,344</i>	<i>147</i>	<i>372</i>	<i>14</i>	<i>37</i>

<b>Hiking</b>						
Baker	2	1,028	22	159	1	181
Benton			2		1	2
Clackamas	5		390	749	14	81
Crook		290	6	50	2	28
Curry		1,453	43	117	2	80
Deschutes	15	3,059	133	651	20	39
Douglas		2,264	59	122	4	45
Hood River	106	1,410	247	263	24	21
Jackson	60	12,838	356	1,642	17	118
Klamath		958	43	135	5	35
Lane		1,701	21	248	8	34
Linn			8		3	3
Marion	6	150	107	86	4	48
Multnomah	23	7,014	620	2,665	20	164
Polk	2		4		1	4
Region			1		1	1
Tillamook	29		175	263	5	88
Umatilla		451	14	35	2	25
Union		360	1	55	2	28
Wallowa	18			48	1	48
Wasco	82		552	1,548	2	1,050
Washington			54	16	2	35
<b>Total</b>	<b>348</b>	<b>32,976</b>	<b>2,857</b>	<b>8,853</b>	<b>141</b>	<b>83</b>
<i>Average</i>	<i>594</i>	<i>28,046</i>	<i>2,106</i>	<i>8,823</i>	<i>114</i>	<i>96</i>

<b>Other Pickers</b>						
<i>Average</i>	<i>11</i>	<i>793</i>	<i>29</i>	<i>98</i>	<i>2</i>	<i>65</i>

Bicycle	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hrs/msn
Benton			2		1	2
Deschutes		149	26	52	3	26
Hood River		150	11	8	1	19
Jackson		602	9	52	2	30
Klamath				6	1	6
Lane		113	3	2	2	3
Linn	6		8		1	8
Multnomah		150	50	2	1	52
Umatilla		75	2	1	1	3
Washington			33	4	1	37
<b>Total</b>	<b>6</b>	<b>1,239</b>	<b>144</b>	<b>127</b>	<b>14</b>	<b>19</b>
<i>Average</i>	<i>25</i>	<i>1,463</i>	<i>76</i>	<i>249</i>	<i>9</i>	<i>35</i>

<b>Criminal</b>						
Deschutes		712	80	352	1	432
Douglas	1	200	6		1	6
Hood River			6	14	1	20
Jackson		1274	7.25	175.25	3	61
Lane	1	12	4		1	4
Lincoln	10		70.25	100	2	85
Multnomah	8	30	44		1	44
Washington			23	26	1	49
<b>Total</b>	<b>20</b>	<b>2,228</b>	<b>241</b>	<b>667</b>	<b>11</b>	<b>83</b>
<i>Average</i>	<i>39</i>	<i>4,136</i>	<i>386</i>	<i>1,823</i>	<i>10</i>	<i>218</i>

<b>Other work</b>						
Douglas		762	17	52	2	34
Lane		590	24	115	2	69
Tillamook	6		19	8	2	13
<b>Total</b>	<b>6</b>	<b>1,352</b>	<b>60</b>	<b>174</b>	<b>6</b>	<b>39</b>
<i>Average</i>	<i>9</i>	<i>774</i>	<i>67</i>	<i>169</i>	<i>6</i>	<i>42</i>

<b>Horse riding</b>						
Clackamas			6		1	6
Deschutes		171	11	30	2	21
Jackson		1,097	20	171	2	96
Klamath	2	350	16	49	1	65
Union	1			4	1	4
Wheeler		117	4		1	4
<b>Total</b>	<b>3</b>	<b>1,735</b>	<b>57</b>	<b>254</b>	<b>8</b>	<b>39</b>
<i>Average</i>	<i>20</i>	<i>1,470</i>	<i>71</i>	<i>249</i>	<i>8</i>	<i>41</i>

<b>Other snow</b>	<b>Trans hrs</b>	<b>Trans miles</b>	<b>Paid hrs</b>	<b>Vol hrs</b>	<b>Amount</b>	<b>hrs/msn</b>
Clackamas	3		11	1	2	6
Deschutes	56	1,730	96	662	2	379
Hood River	5	60	24	9	3	11
Jefferson	20		16	40	1	56
Lane		302		6	1	6
Marion	5	24	53	180	1	233
<b>Total</b>	<b>88</b>	<b>2,116</b>	<b>200</b>	<b>898</b>	<b>10</b>	<b>110</b>
<i>Average</i>	<i>59</i>	<i>1,919</i>	<i>187</i>	<i>748</i>	<i>9</i>	<i>105</i>

<b>Suicide</b>						
Benton		15	37	169	2	103
Clatsop	17		34	32	1	65
Crook		20	15	10	1	25
Curry		105	16	6	1	22
Deschutes		264	43	64	2	53
Douglas		15	5		1	5
Jackson	11	1,367	115	142	2	129
Jefferson	12		12		1	12
Klamath		157		12	1	12
Lincoln	1		51	36	1	87
Multnomah	39	837	258	42	8	37
Tillamook	4	12	64	86	3	50
Umatilla	30	156	32	36	1	68
Union		840	118	40	1	158
Washington	10		302	620	1	922
Yamhill	17	1,850	105	519	3	208
<b>Total</b>	<b>140</b>	<b>5,638</b>	<b>1,206</b>	<b>1,812</b>	<b>30</b>	<b>101</b>
<i>Average</i>	<i>109</i>	<i>7,736</i>	<i>747</i>	<i>1,707</i>	<i>25</i>	<i>100</i>

<b>Fix-winged</b>						
Clackamas	2		12		1	12
Gilliam			0		1	0
Lane	43	508	123	283	1	406
<b>Total</b>	<b>45</b>	<b>508</b>	<b>135</b>	<b>283</b>	<b>3</b>	<b>139</b>
<i>Average</i>	<i>135</i>	<i>2,689</i>	<i>241</i>	<i>1,143</i>	<i>16</i>	<i>88</i>

<b>Other</b>	<b>Trans hrs</b>	<b>Trans miles</b>	<b>Paid hrs</b>	<b>Vol hrs</b>	<b>Amount</b>	<b>hrs/msn</b>
Baker		44	13	2	1	15
Benton			4	10	1	14
Clackamas			18		1	18
Deschutes		564	24	123	3	49
Douglas		200	16	33	2	25
Jackson	36	3,887	100	562	4	165
Klamath		40	3	26	1	29
Lane		76	6	30	1	36
Lincoln	2		48	104	1	152
Multnomah		20	5	5	1	10
<b>Total</b>	<b>38</b>	<b>4,831</b>	<b>236</b>	<b>895</b>	<b>16</b>	<b>71</b>
<i>Average</i>	<i>70</i>	<i>2,798</i>	<i>233</i>	<i>692</i>	<i>17</i>	<i>56</i>

<b>Other aviation</b>						
Deschutes		74	4	9	1	13
Jackson	1	138	5	18	1	23
<b>Total</b>	<b>1</b>	<b>212</b>	<b>9</b>	<b>26</b>	<b>2</b>	<b>18</b>
<i>Average</i>	<i>3</i>	<i>188</i>	<i>20</i>	<i>30</i>	<i>2</i>	<i>30</i>

<b>Hunting birds</b>						
Lane	2	60	4		1	4
<i>Average</i>	<i>8</i>	<i>506</i>	<i>37</i>	<i>94</i>	<i>2</i>	<i>61</i>

<b>SCUBA</b>						
Linn	6		8	2	1	10
<i>Average</i>	<i>4</i>	<i>39</i>	<i>10</i>	<i>10</i>	<i>0</i>	<i>44</i>

<b>Helicopter</b>						
<i>Average</i>	<i>2</i>	<i>82</i>	<i>14</i>	<i>18</i>	<i>1</i>	<i>31</i>

<b>Caving</b>						
<i>Average</i>	<i>0</i>	<i>111</i>	<i>4</i>	<i>16</i>	<i>0</i>	<i>87</i>

<b>Other Water</b>	<b>Trans hrs</b>	<b>Trans miles</b>	<b>Paid hrs</b>	<b>Vol hrs</b>	<b>Amount</b>	<b>hrs/msn</b>
Curry	1	150	16	11	2	<b>14</b>
Douglas		55	17		1	<b>17</b>
Hood River	3	48	7		3	<b>2</b>
<b>Total</b>	<b>4</b>	<b>253</b>	<b>40</b>	<b>11</b>	<b>6</b>	<b>9</b>
<i>Average</i>	<i>24</i>	<i>1,027</i>	<i>127</i>	<i>257</i>	<i>4</i>	<i>88</i>

<b>Non-powerboat</b>						
Benton	10		20		14	<b>1</b>
Clackamas	16		130	6	5	<b>27</b>
Curry	1	114	20	2	3	<b>7</b>
Douglas	1	579	12	33	3	<b>15</b>
Hood River	2		4		2	<b>2</b>
Jackson		132	4	3	1	<b>7</b>
Lane	24	870	116	13	18	<b>7</b>
Multnomah	4	45	20		2	<b>10</b>
<b>Total</b>	<b>57</b>	<b>1,740</b>	<b>326</b>	<b>56</b>	<b>48</b>	<b>8</b>
<i>Average</i>	<i>138</i>	<i>3,309</i>	<i>613</i>	<i>548</i>	<i>38</i>	<i>30</i>

<b>Swimming</b>						
Benton	2		5		2	<b>3</b>
Clackamas			5	2	1	<b>7</b>
Clatsop			15	23	1	<b>37</b>
Deschutes		42	5	22	1	<b>27</b>
Hood River	3		14	14	3	<b>9</b>
Jackson	3	80	3	4	1	<b>7</b>
Klamath		105	11	30	1	<b>41</b>
Lane	1	1,520	73	24	2	<b>49</b>
Marion	1		3		1	<b>3</b>
Multnomah	24	380	336		6	<b>56</b>
Tillamook	10		18	24	1	<b>42</b>
<b>Total</b>	<b>43</b>	<b>2,127</b>	<b>487</b>	<b>143</b>	<b>20</b>	<b>31</b>
<i>Average</i>	<i>131</i>	<i>2,590</i>	<i>567</i>	<i>614</i>	<i>17</i>	<i>70</i>

<b>Wandering</b>	<b>Trans hrs</b>	<b>Trans miles</b>	<b>Paid hrs</b>	<b>Vol hrs</b>	<b>Amount</b>	<b>hrs/msn</b>
Benton			2		2	<b>1</b>
Clackamas	77		443	820	8	<b>158</b>
Coos			1		1	<b>1</b>
Curry		601	42	69	3	<b>37</b>
Deschutes		1,946	94	551	11	<b>59</b>
Douglas		1,283	114	103	4	<b>54</b>
Hood River	0		4	4	1	<b>8</b>
Jackson	10	3,820	43	435	6	<b>80</b>
Jefferson	2	150	12	32	1	<b>44</b>
Lake	8		4	50	2	<b>27</b>
Lane		2,046	74	269	7	<b>49</b>
Lincoln	1		90	27	1	<b>117</b>
Linn	4		7	32	1	<b>39</b>
Malheur		4	4	6	1	<b>10</b>
Marion	2	474	71	58	5	<b>26</b>
Multnomah	95	1,017	197	575	6	<b>129</b>
Polk	16	20	2	19	3	<b>7</b>
Tillamook	22	160	41	52	4	<b>23</b>
Umatilla		298	16	12	2	<b>14</b>
Wallowa	9	275	6	67	2	<b>37</b>
Washington			261	96	3	<b>119</b>
Yamhill	1	100	14	116	4	<b>33</b>
<b>Total</b>	<b>246</b>	<b>12,194</b>	<b>1,539</b>	<b>3,391</b>	<b>78</b>	<b>63</b>
<i>Average</i>	<i>302</i>	<i>11,420</i>	<i>1,309</i>	<i>3,582</i>	<i>60</i>	<i>82</i>

<b>Snowmobile</b>						
Deschutes	53	1,427	157	343	10	<b>50</b>
Linn	2		3		1	<b>3</b>
Union				11	1	<b>11</b>
Wasco	8			16	1	<b>16</b>
<b>Total</b>	<b>63</b>	<b>1,427</b>	<b>159</b>	<b>370</b>	<b>13</b>	<b>41</b>
<i>Average</i>	<i>86</i>	<i>3,407</i>	<i>170</i>	<i>580</i>	<i>15</i>	<i>51</i>



Hunting game	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hrs/msn
Baker		244	4	15	1	19
Clackamas			4		1	4
Clatsop		942	91	111	2	101
Columbia	157		145	323	1	467
Crook		680	15	57	3	24
Deschutes		1,283	24	209	2	117
Douglas	12	8,619	334	1,378	5	342
Grant	2		6		1	6
Jackson		2,599	34	312	5	69
Jefferson	10			10	1	10
Klamath				76	1	76
Lane		1,651	24	259	5	56
Linn	2		2		1	2
Marion	66		60	103	1	163
Morrow		45	2		1	2
Multnomah		900	50	269	1	319
Tillamook	1,453		1,538	1,771	2	1,654
Umatilla	7	885	105	303	3	136
Union		560	3	54	2	29
Wallowa	17	800	18		1	18
Wasco	13		24	13	2	19
Yamhill		500		108	1	108
<b>Total</b>	<b>1,738</b>	<b>19,708</b>	<b>2,482</b>	<b>5,370</b>	<b>43</b>	<b>183</b>
<i>Average</i>	<i>317</i>	<i>13,469</i>	<i>791</i>	<i>3,020</i>	<i>45</i>	<i>84</i>

Fishing	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hrs/msn
Benton				6	1	6
Clackamas			68		2	34
Columbia	18		65		2	33
Curry	6	493	62	17	2	40
Deschutes	7	1,469	159	484	3	214
Jackson	1	60	5		1	5
Jefferson	38		30	92	1	122
Lane	1	60	23	14	1	37
Malheur			6	4	1	10
Multnomah	9	370	48	108	1	156
Tillamook	12		87	124	1	211
Umatilla		291	7	27	1	34
<b>Total</b>	<b>92</b>	<b>2,743</b>	<b>560</b>	<b>876</b>	<b>17</b>	<b>84</b>
<i>Average</i>	<i>223</i>	<i>3,082</i>	<i>519</i>	<i>757</i>	<i>16</i>	<i>79</i>

Powerboat	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hrs/msn
Baker		570		69	1	69
Benton	3		9		1	9
Clackamas	4		24		2	12
Douglas			1		1	1
Lane	5	197	8	15	4	6
Malheur	6		16	10	1	26
Multnomah	10		12	6	1	18
Wallowa			2		1	2
<b>Total</b>	<b>28</b>	<b>767</b>	<b>71</b>	<b>100</b>	<b>12</b>	<b>14</b>
<i>Average</i>	<i>50</i>	<i>701</i>	<i>184</i>	<i>82</i>	<i>10</i>	<i>26</i>

Motor vehicle	Trans hrs	Trans miles	Paid hrs	Vol hrs	Amount	hrs/msn
Baker		140	2	14	2	8
Benton	1		7	8	2	7
Clackamas	42		126	13	8	17
Crook		779	21	137	2	79
Deschutes	2	353	88	41	7	18
Douglas		4,254	166	297	13	36
Grant	6	40	8	6	2	7
Hood River	14	824	79	14	6	16
Jackson	25	13,556	247	1,423	9	186
Jefferson	15		15	8	3	8
Klamath		426	2	53	3	18
Lake			0		1	0
Lane		3,819	138	342	11	44
Lincoln	13		50		2	25
Linn	17		48	5	3	18
Malheur	42		14	28	1	42
Marion			3		1	3
Multnomah	46	1,815	155	337	1	492
Polk	20		10	40	1	50
Tillamook	24		205		2	103
Umatilla	14	859	37	71	6	18
Union	2	533		45	3	15
Wallowa		350		70	1	70
Wasco	12		17	19	3	12
Washington	2		23	2	1	25
Wheeler				42	2	21
Yamhill		100	21	16	2	19
<b>Total</b>	<b>296</b>	<b>27,848</b>	<b>1,480</b>	<b>3,029</b>	<b>98</b>	<b>46</b>
<i>Average</i>	<i>374</i>	<i>22,398</i>	<i>1,213</i>	<i>3,071</i>	<i>95</i>	<i>45</i>

<b>Other Forest</b>	<b>Trans hrs</b>	<b>Trans miles</b>	<b>Paid hrs</b>	<b>Vol hrs</b>	<b>Amount</b>	<b>hrs/msn</b>
Clackamas			34		1	34
Deschutes		120	8		1	8
Douglas		583	12	34	1	46
Grant			48	8	1	56
Jefferson	4		4		1	4
Wallowa			0		1	0
<b>Total</b>	<b>4</b>	<b>703</b>	<b>106</b>	<b>42</b>	<b>6</b>	<b>25</b>
<i>Average</i>	<i>22</i>	<i>2,309</i>	<i>96</i>	<i>923</i>	<i>4</i>	<i>229</i>

<b>Government work</b>						
Baker		14	1	3	1	4
Clackamas	2		11		1	11
Douglas		169	3	8	1	11
Lane		700		99	1	99
<b>Total</b>	<b>2</b>	<b>883</b>	<b>15</b>	<b>109</b>	<b>4</b>	<b>31</b>
<i>Average</i>	<i>22</i>	<i>1,080</i>	<i>74</i>	<i>251</i>	<i>3</i>	<i>103</i>

<b>Cross-Country skiing</b>						
Baker	17	1,537	40	374	1	414
Deschutes	1	450	41	171	4	53
Hood River	2	67	2	3	1	5
<b>Total</b>	<b>20</b>	<b>2,054</b>	<b>83</b>	<b>548</b>	<b>6</b>	<b>105</b>
<i>Average</i>	<i>26</i>	<i>1,874</i>	<i>79</i>	<i>340</i>	<i>8</i>	<i>52</i>

<b>Climbing</b>						
Benton				146	1	146
Clackamas	14	30	111	427	5	108
Clatsop		104	2	10	1	12
Curry		180	3	25	2	14
Deschutes		862	86	567	6	109
Hood River	33	630	195	448	1	643
Lane	11	501	137	235	1	372
Linn	4		24	78	2	51
Multnomah		450	14	98	1	112
Wallowa		80	3	45	2	24
<b>Total</b>	<b>62</b>	<b>2,837</b>	<b>575</b>	<b>2,078</b>	<b>22</b>	<b>121</b>
<i>Average</i>	<i>240</i>	<i>4,448</i>	<i>666</i>	<i>2,554</i>	<i>22</i>	<i>147</i>

<b>Unknown</b>	<b>Trans hrs</b>	<b>Trans miles</b>	<b>Paid hrs</b>	<b>Vol hrs</b>	<b>Amount</b>	<b>hrs/msn</b>
Clackamas	4		84	99	3	61
Clatsop	11		7	54	1	61
Curry		120	7	6	1	13
Deschutes			1	18	1	19
Douglas		895		540	2	270
Gilliam			5	33	1	38
Hood River	14		18		1	18
Jackson	11	2,200	31	369	3	133
Klamath		710	73	283	2	178
Lane		426	6	12	1	18
Marion	4		16		1	16
Multnomah	12	423	48	12	4	15
Wasco			16	16	1	32
Washington			14	52	1	66
Yamhill				115	1	115
<b>Total</b>	<b>56</b>	<b>4,774</b>	<b>326</b>	<b>1,609</b>	<b>24</b>	<b>81</b>
<i>Average</i>	<i>80</i>	<i>9,700</i>	<i>717</i>	<i>2,351</i>	<i>18</i>	<i>171</i>

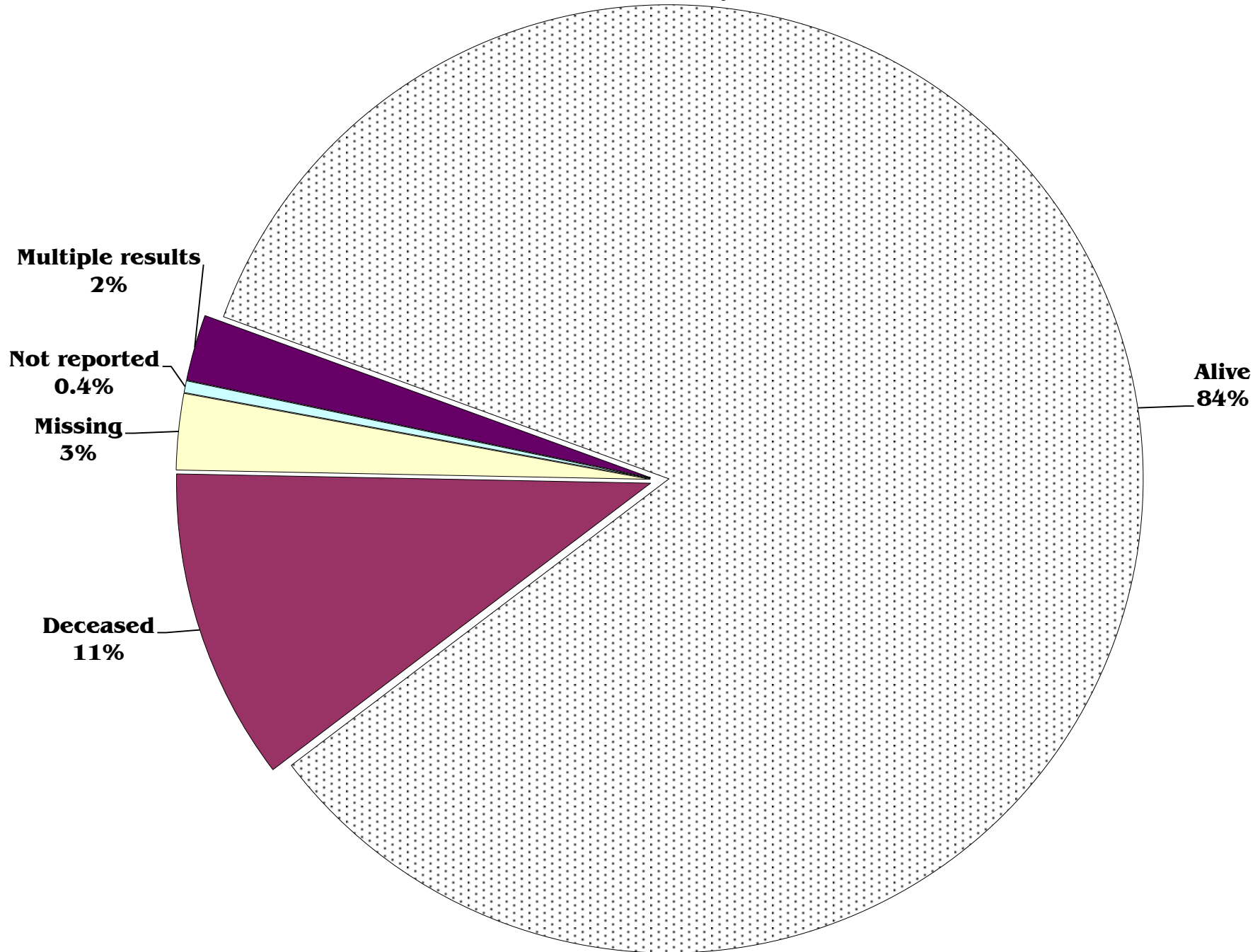
<b>Mushroom pickers</b>						
Clackamas		30	81	158	6	40
Curry		90	7	6	1	13
Douglas		170		28	1	28
Jackson		308	3	17	1	20
Lane		2,212	88	166	5	51
Multnomah		100	10	45	1	55
Polk	26		22	63	1	85
Yamhill		350	35	45	1	80
<b>Total</b>	<b>26</b>	<b>3,260</b>	<b>245</b>	<b>528</b>	<b>17</b>	<b>45</b>
<i>Average</i>	<i>124</i>	<i>7,029</i>	<i>354</i>	<i>1,421</i>	<i>20</i>	<i>90</i>

<b>Snowboarding</b>						
Deschutes			4	7	1	10
Hood River	3		13	3	6	3
<b>Total</b>	<b>3</b>	<b>0</b>	<b>17</b>	<b>10</b>	<b>7</b>	<b>4</b>
<i>Average</i>	<i>85</i>	<i>2,199</i>	<i>181</i>	<i>715</i>	<i>8</i>	<i>106</i>

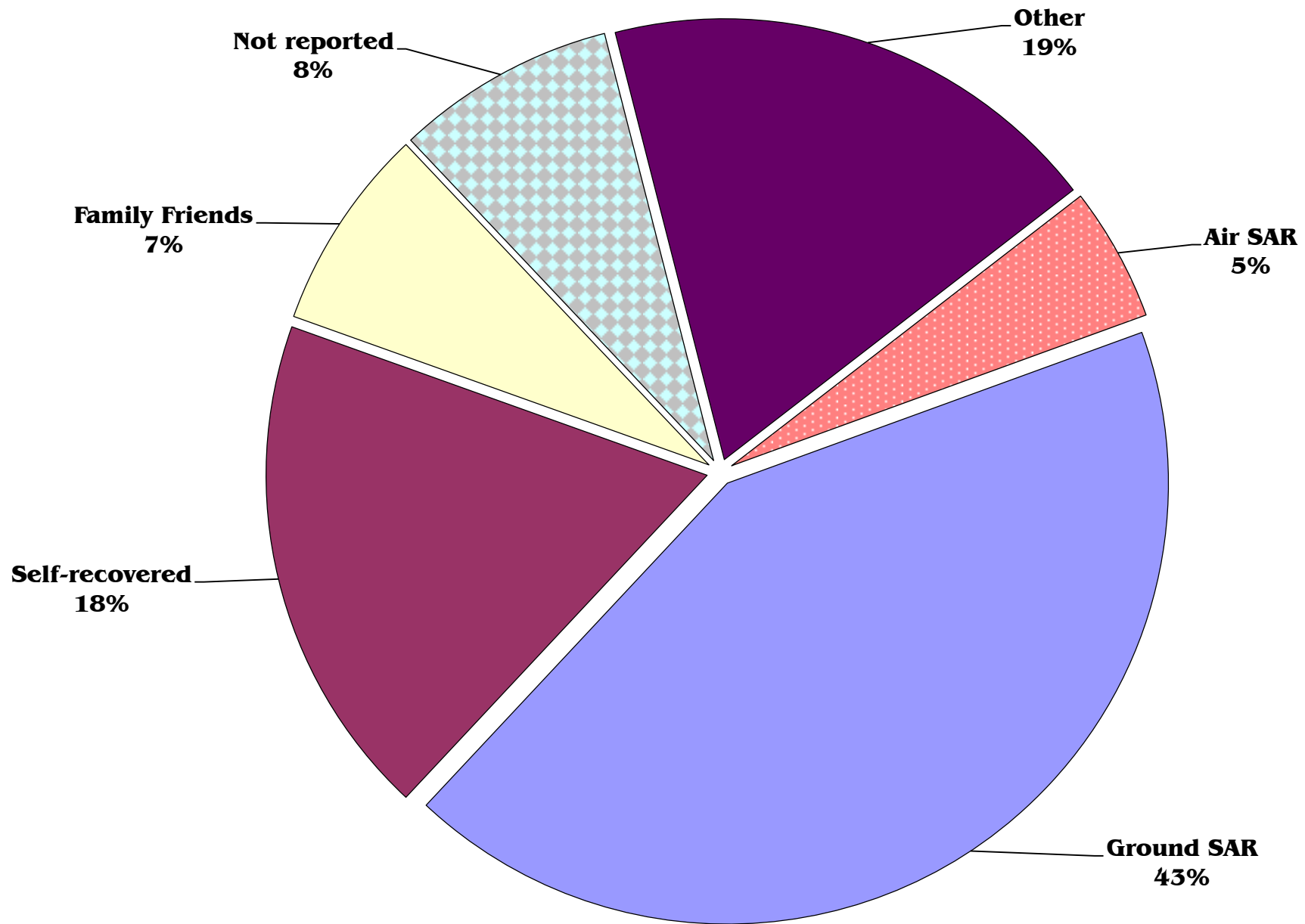
1997-2014

# Mission Results (SAR Only)

1997-2014



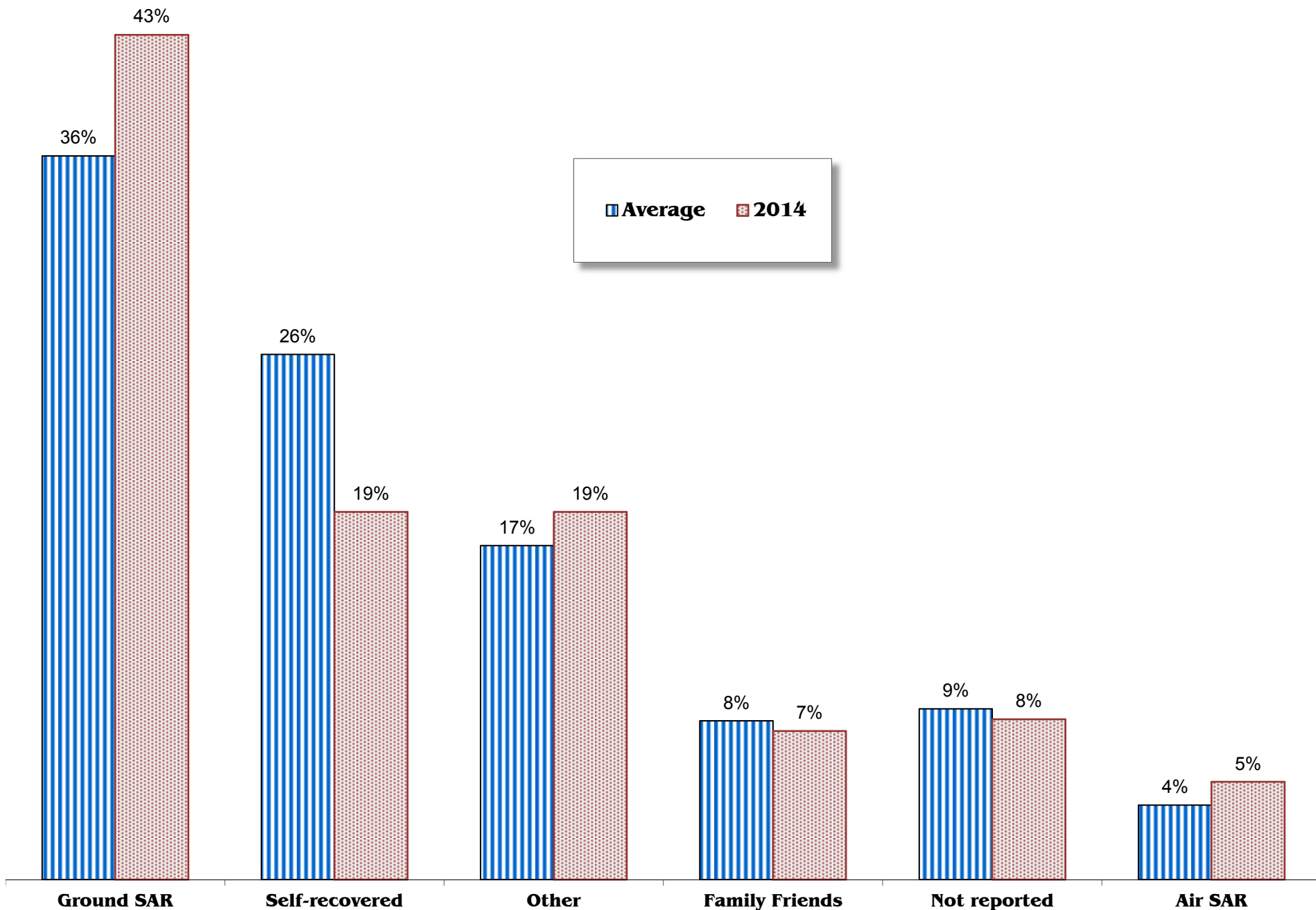
# Assets Locating Subjects (Searches only)



1997-2014

# Assets Locating Subjects (Searches Only)

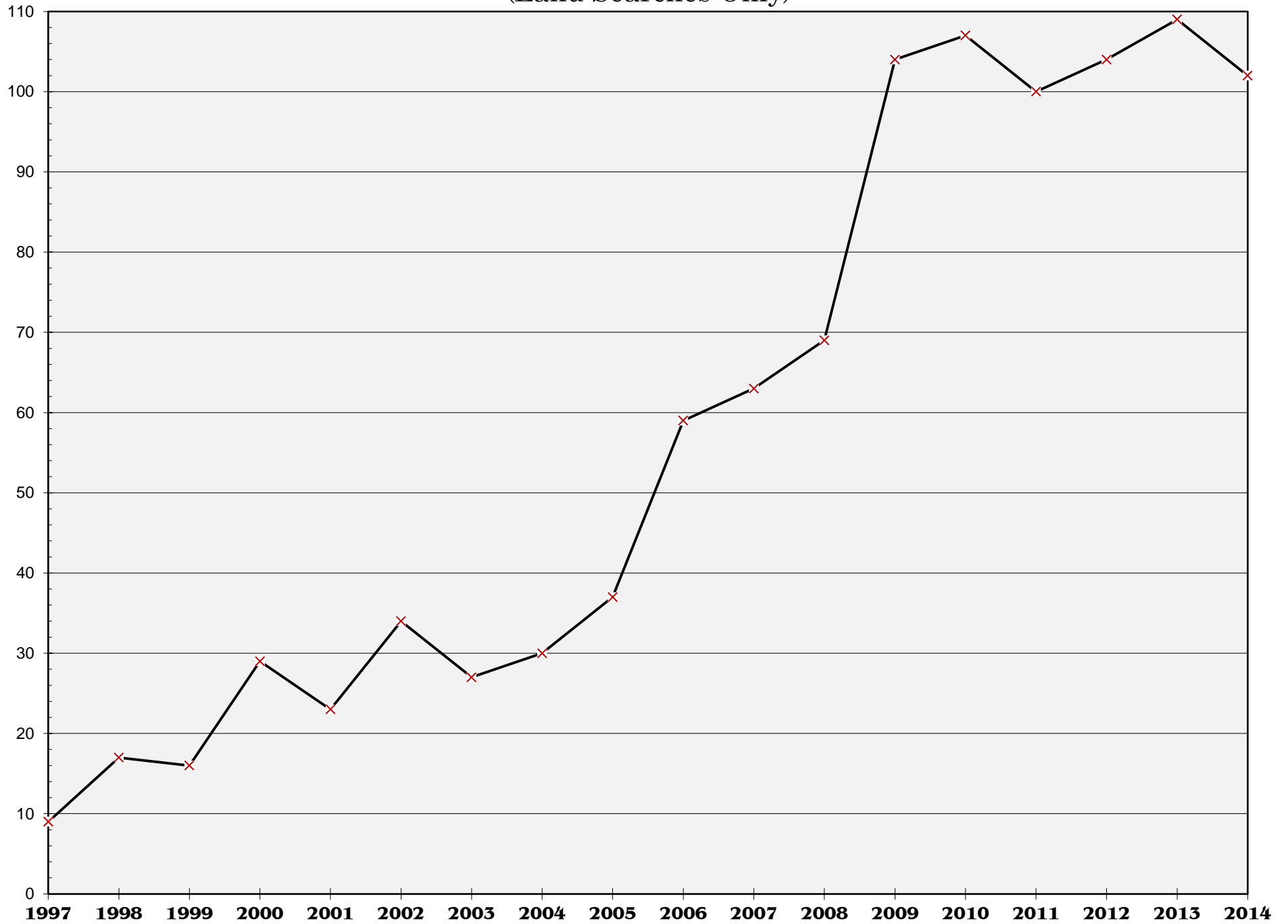
1997-2014



1997-2014

# Cell Phone Use (Land Searches Only)

1997-2014

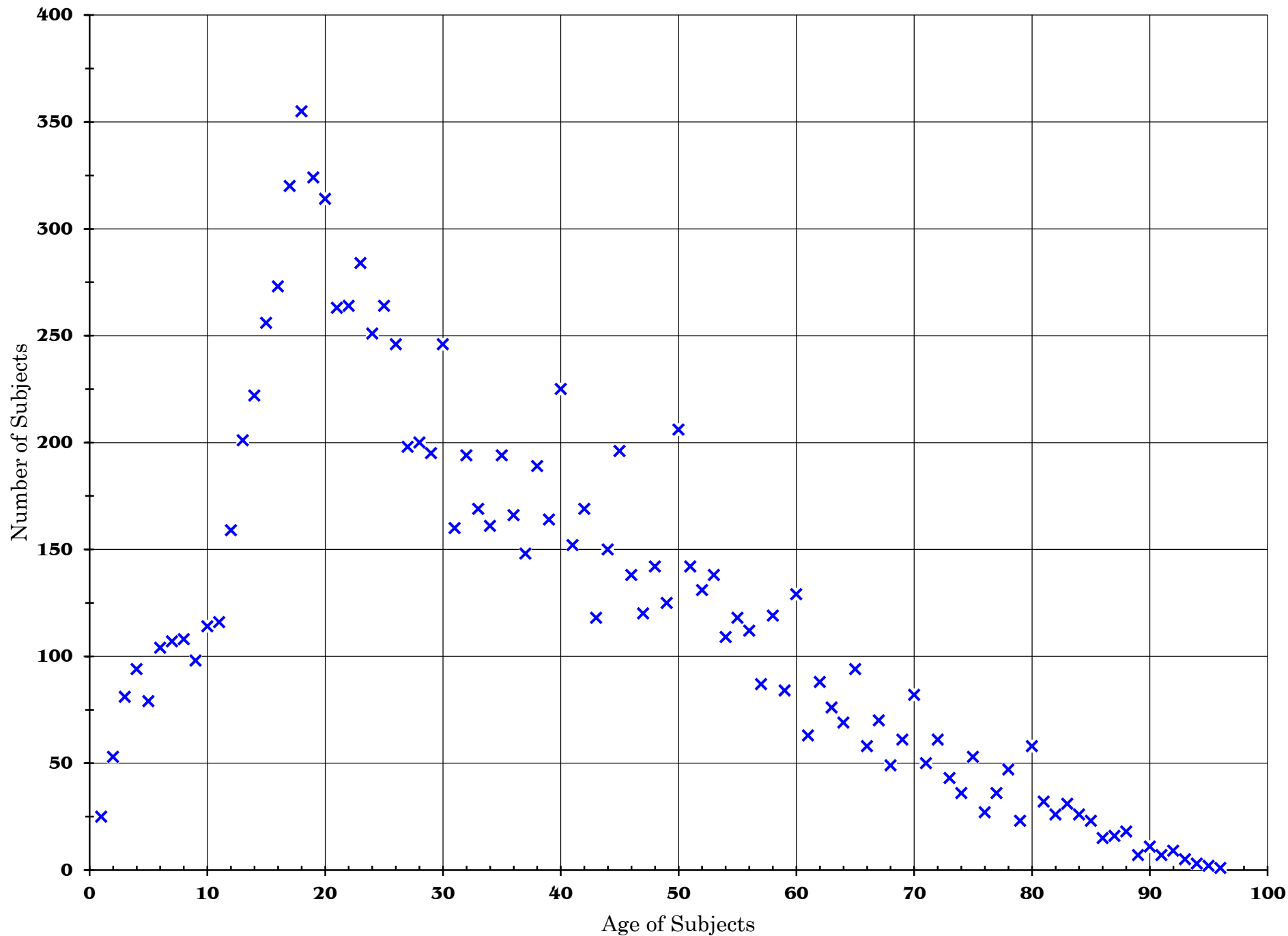


Subject Status by Age  
(SAR Only)

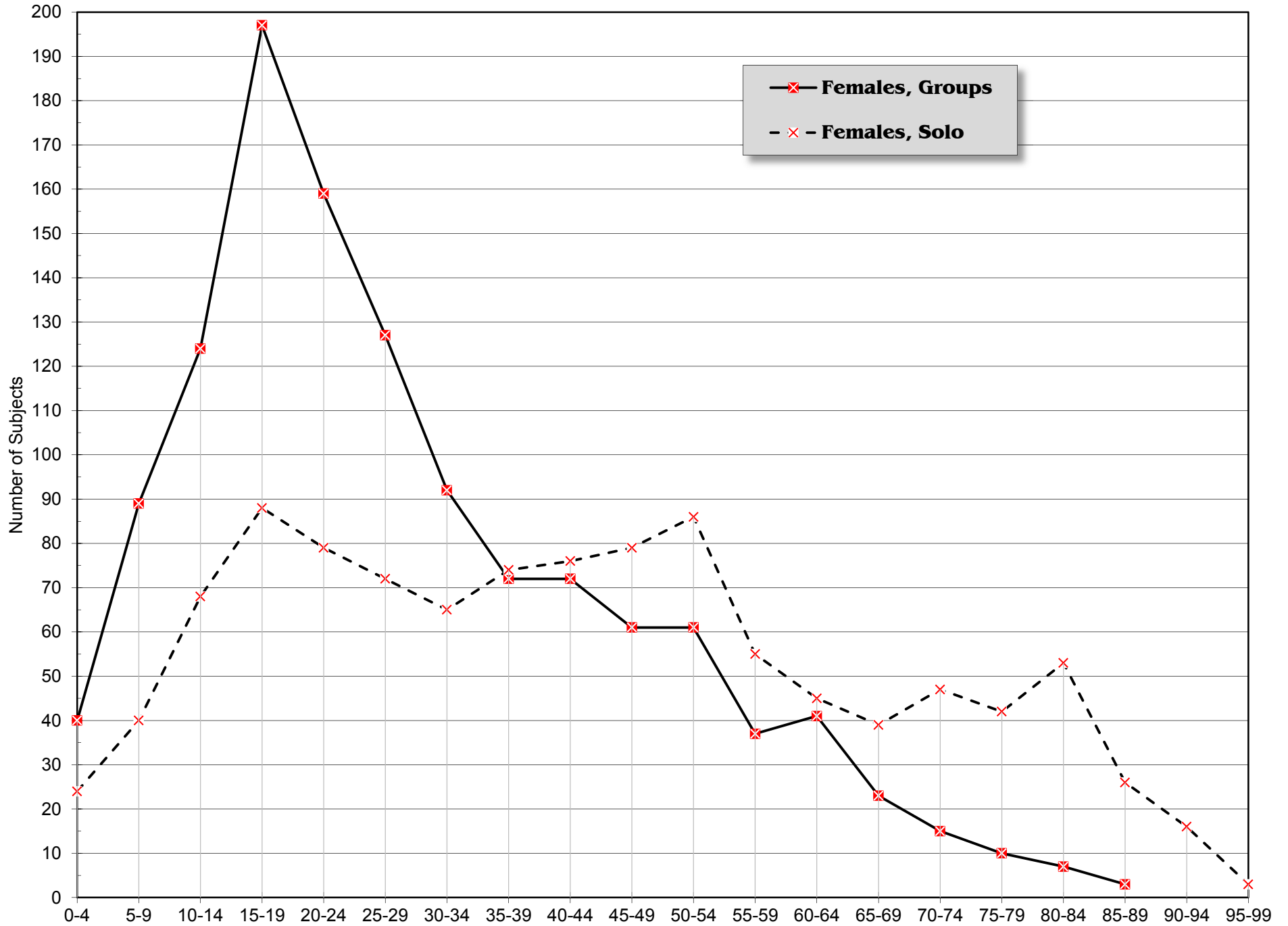
<b>MALES</b>	<b>Alive</b>	<b>Deceased</b>	<b>Missing</b>	<b>Unknown</b>	<b>Total</b>
<b>0-9</b>	31	2			<b>33</b>
<b>10-19</b>	73	4	2		<b>79</b>
<b>20-29</b>	115	12	1		<b>128</b>
<b>30-39</b>	76	13	3		<b>92</b>
<b>40-49</b>	51	5	1	1	<b>58</b>
<b>50-59</b>	63	12	3		<b>78</b>
<b>60-69</b>	43	8	1		<b>52</b>
<b>70-79</b>	30	3	1		<b>34</b>
<b>80-89</b>	13	2	1		<b>16</b>
<b>90-99</b>	2	1			<b>3</b>
<b>Unknown</b>	15		3		<b>18</b>
<b>Total</b>	<b>512</b>	<b>62</b>	<b>16</b>	<b>1</b>	<b>591</b>
<i>% of Total</i>	<i>87%</i>	<i>10%</i>	<i>3%</i>	<i>0.2%</i>	<i>100%</i>

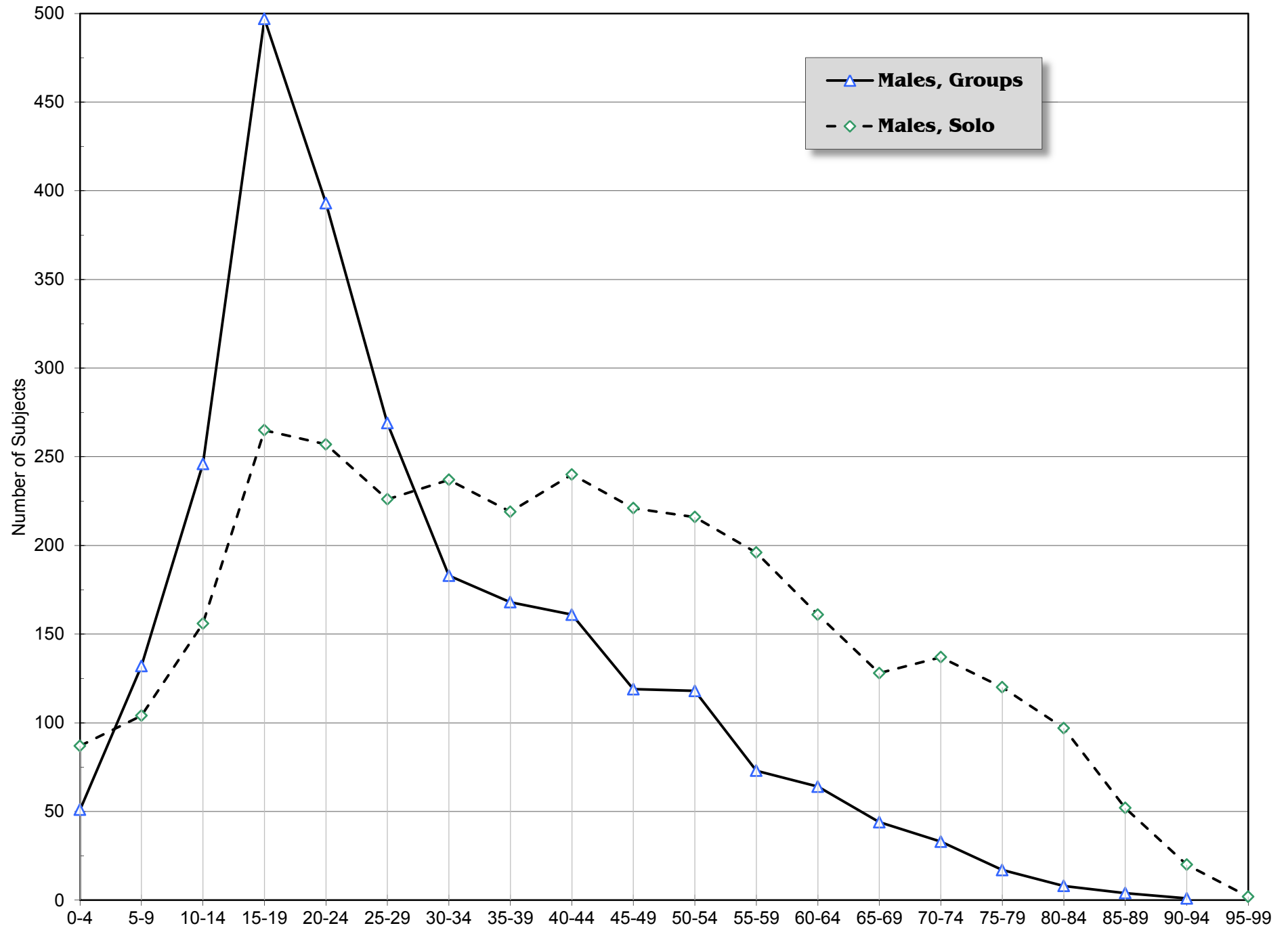
<b>FEMALES</b>	<b>Alive</b>	<b>Deceased</b>	<b>Missing</b>	<b>Unknown</b>	<b>Total</b>
<b>0-9</b>	16				<b>16</b>
<b>10-19</b>	35	2	1	1	<b>39</b>
<b>20-29</b>	72	1			<b>73</b>
<b>30-39</b>	41	1			<b>42</b>
<b>40-49</b>	31	1			<b>32</b>
<b>50-59</b>	34		1		<b>35</b>
<b>60-69</b>	34	2			<b>36</b>
<b>70-79</b>	9	1			<b>10</b>
<b>80-89</b>	10				<b>10</b>
<b>90-99</b>	4				<b>4</b>
<b>Unknown</b>	13				<b>13</b>
<b>Total</b>	<b>299</b>	<b>8</b>	<b>2</b>	<b>1</b>	<b>310</b>
<i>% of Total</i>	<i>96%</i>	<i>3%</i>	<i>1%</i>	<i>0.3%</i>	<i>100%</i>

	<b>Alive</b>	<b>Deceased</b>	<b>Missing</b>	<b>Unknown</b>	<b>Total</b>
<i>% of Total Population</i>	<i>90%</i>	<i>8%</i>	<i>2%</i>	<i>0.2%</i>	<i>100%</i>





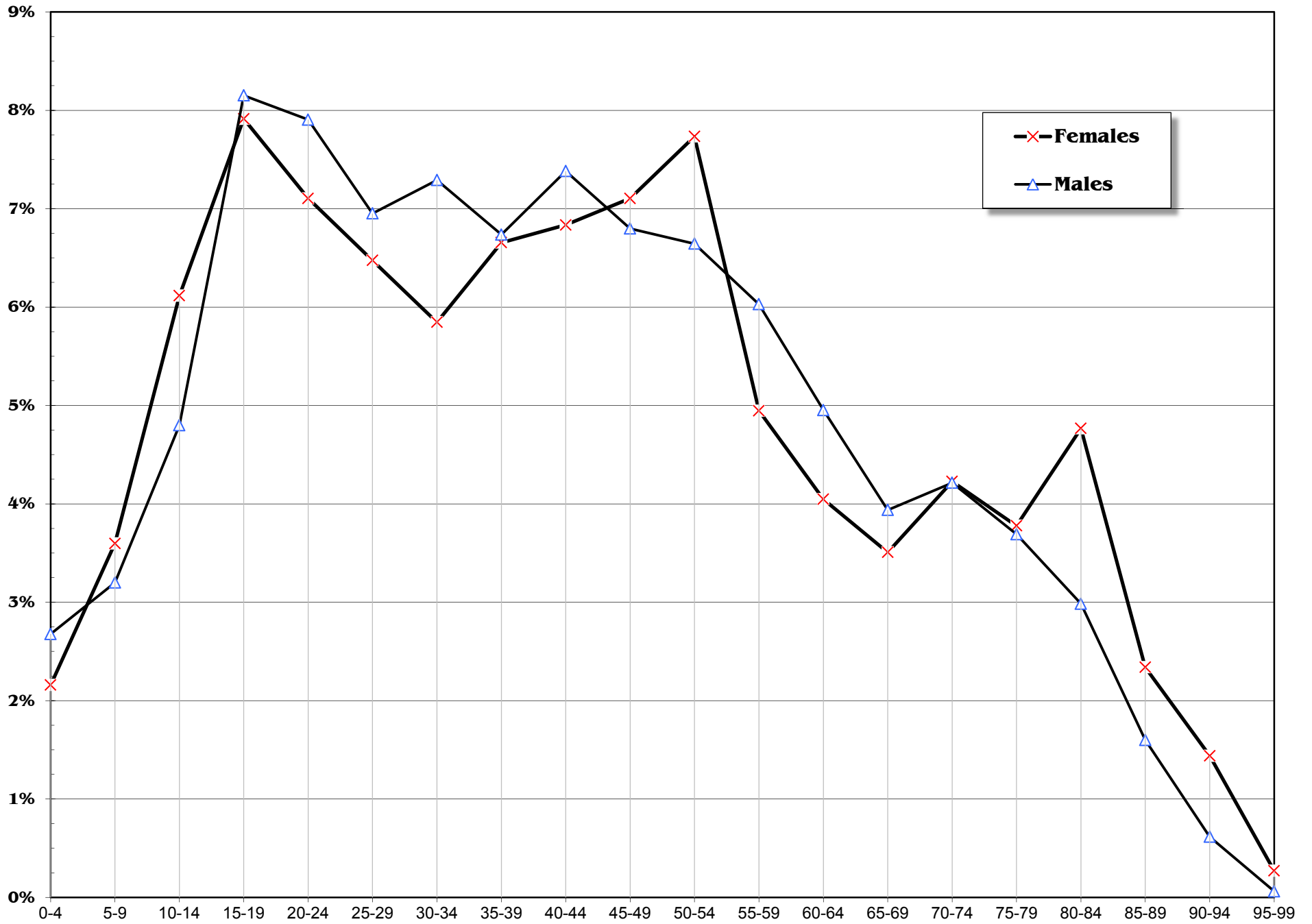


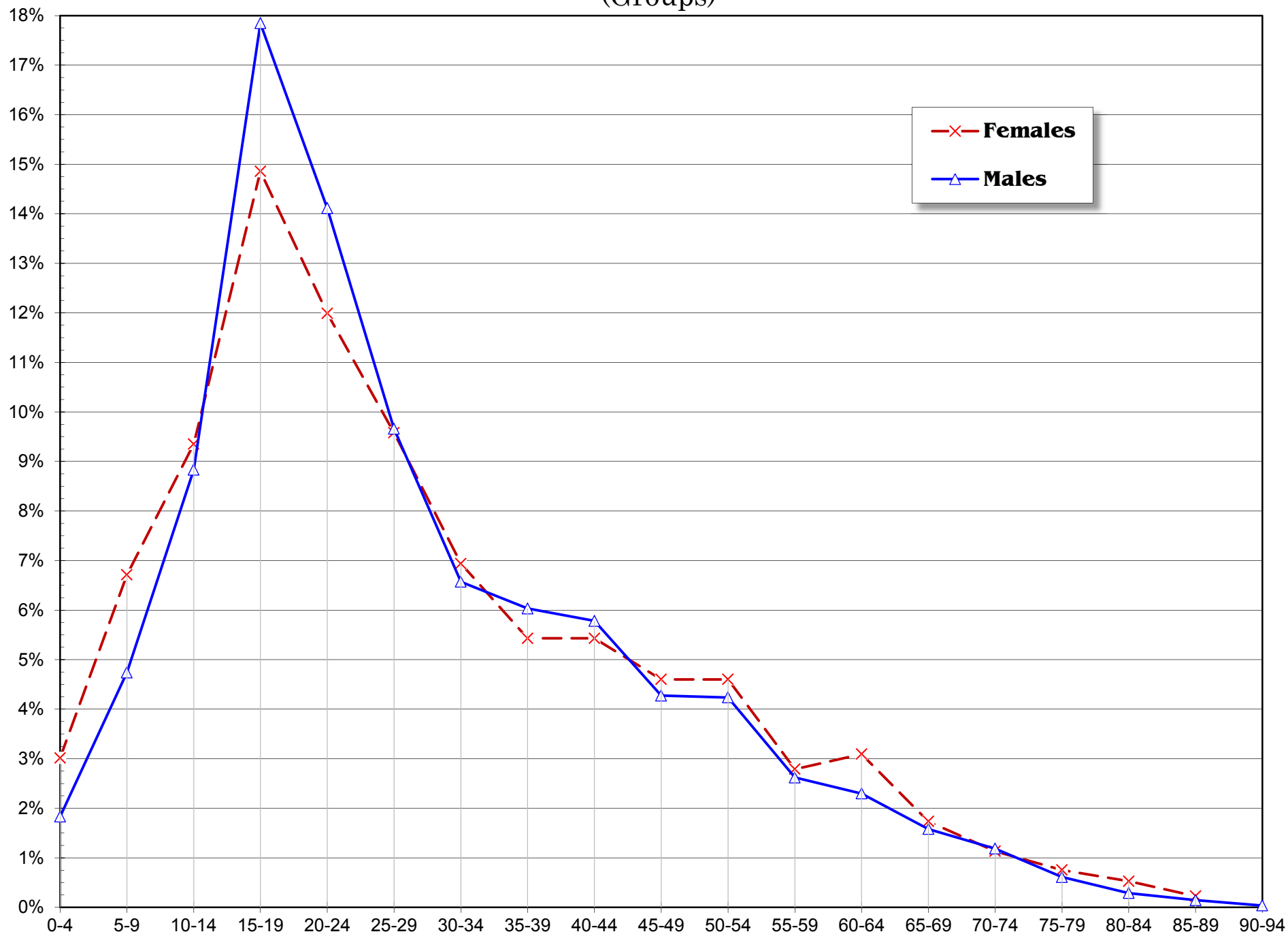


1997-2014

# Searches for Males and Females (Solo)

1997-2014

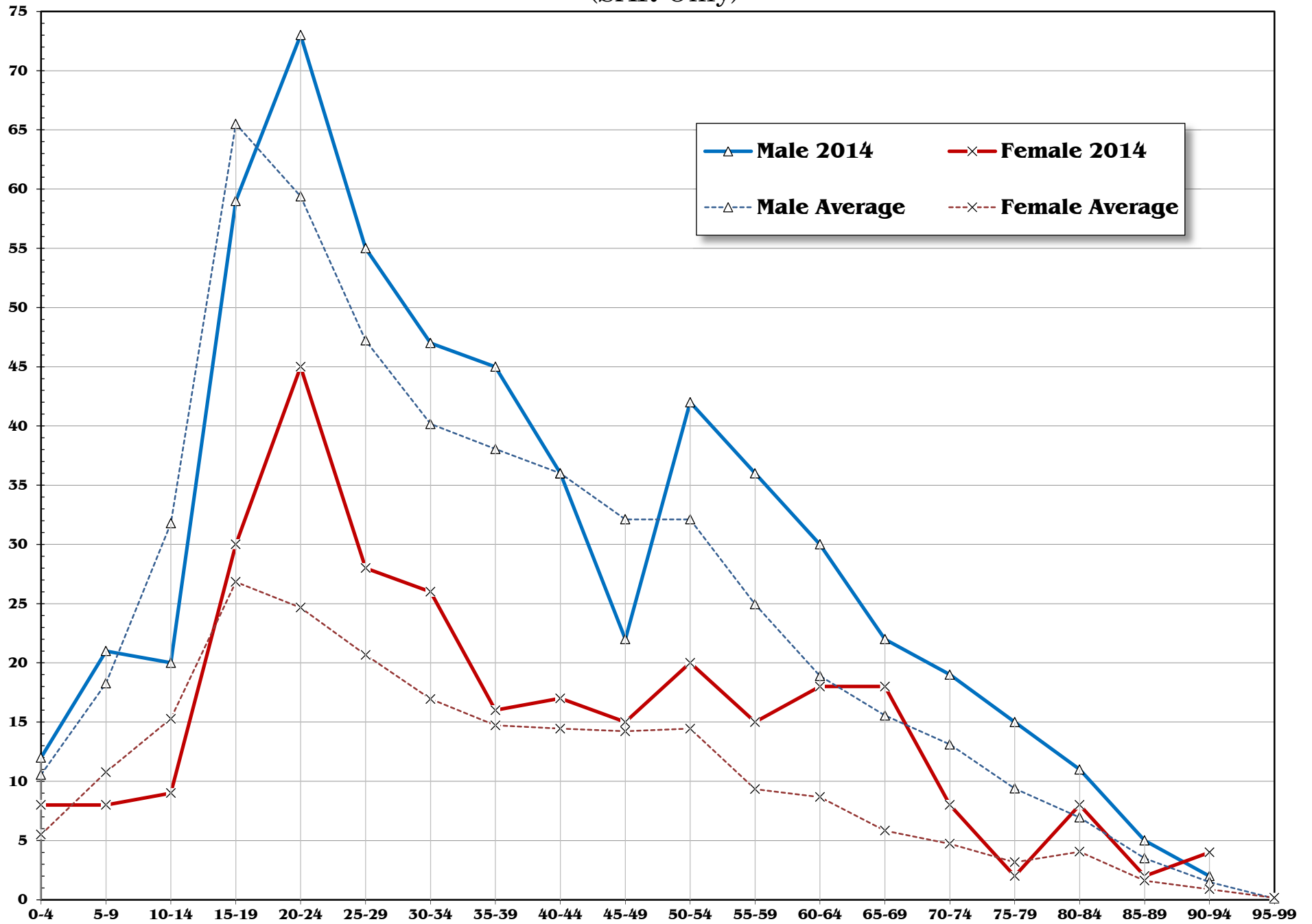


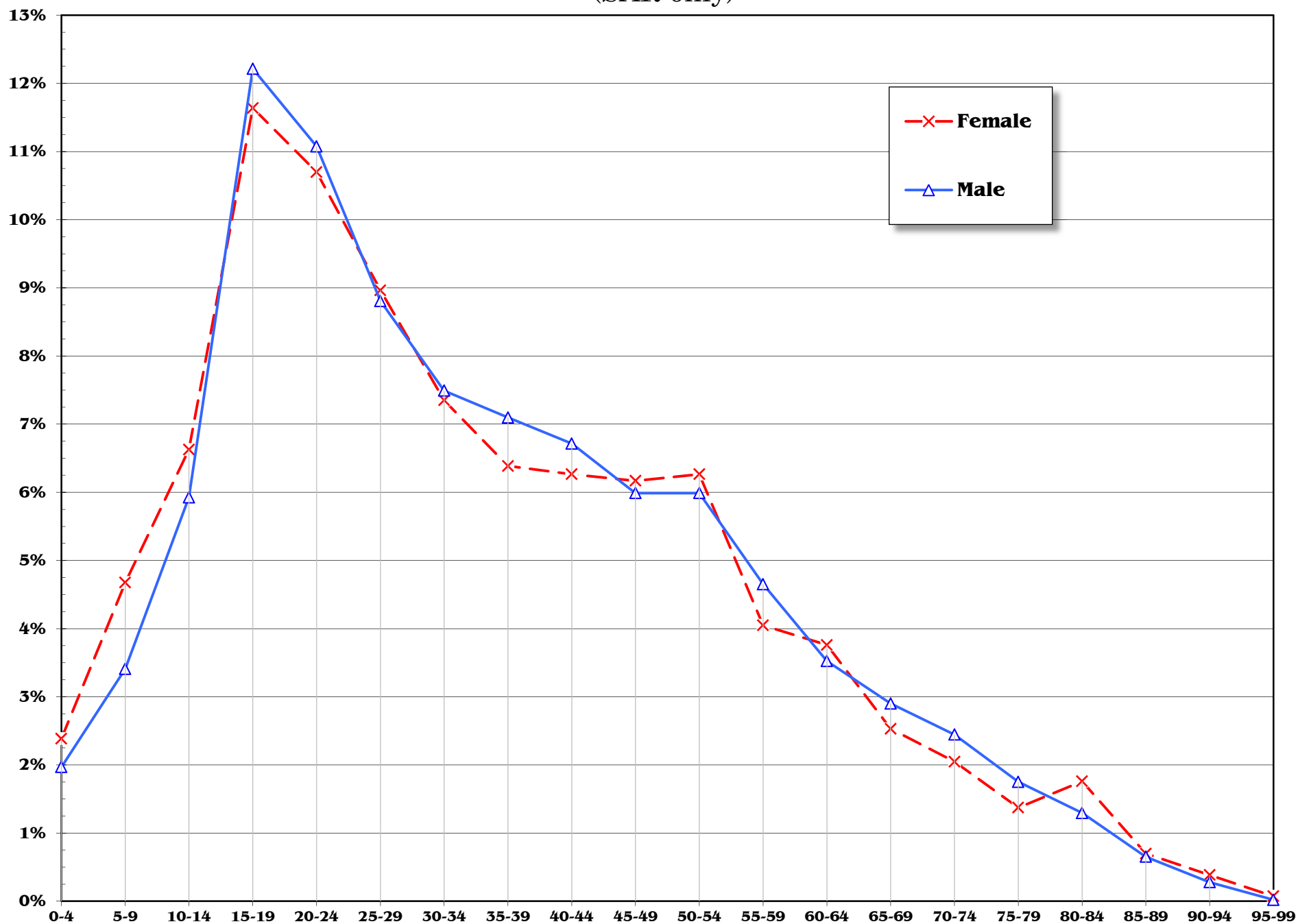


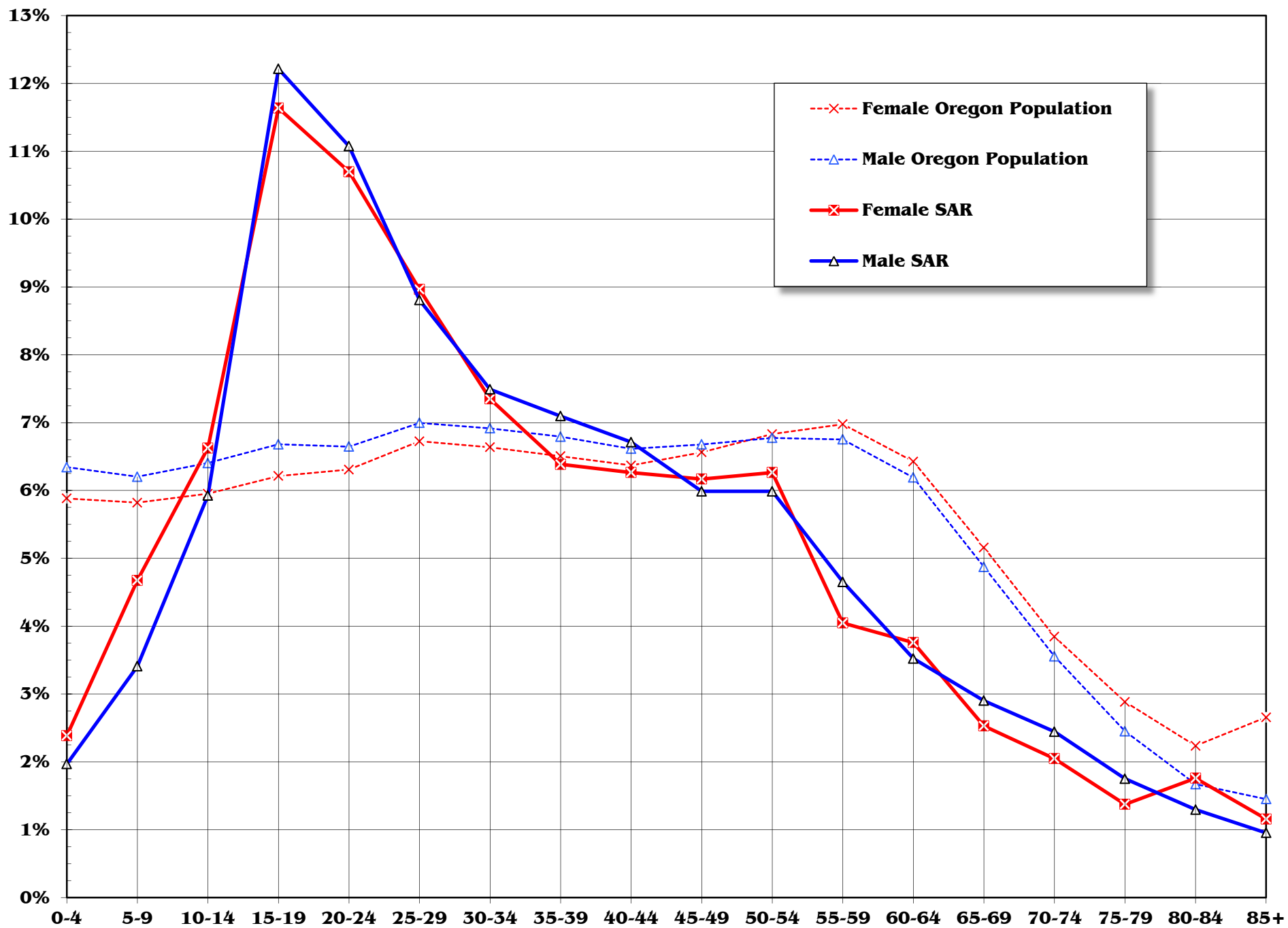
2014

# Subjects and Average (SAR Only)

2014



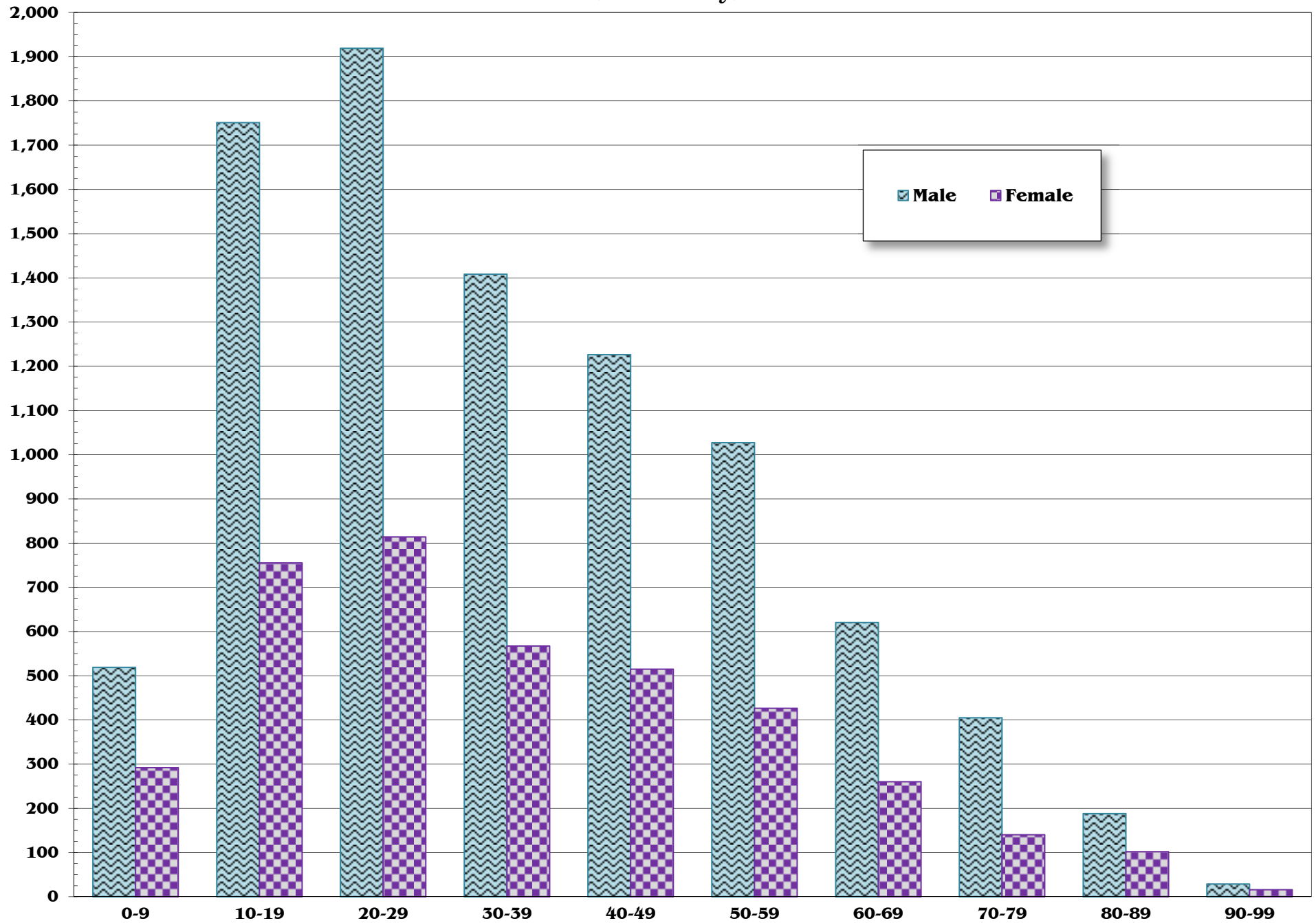




1997-2014

# Number of Subjects by Age Group (SAR Only)

1997-2014

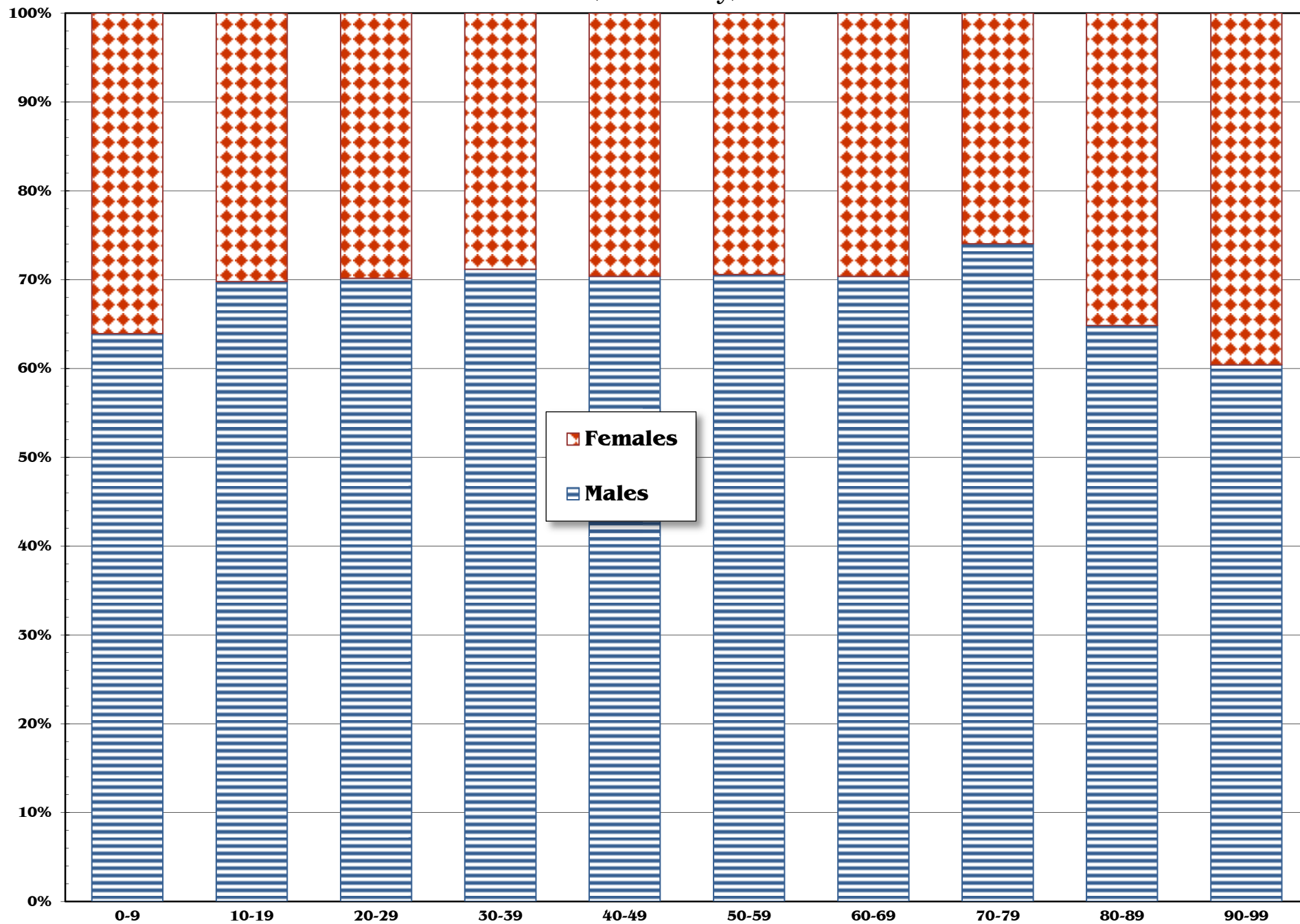




1997-2014

# Proportion of Subjects by Age Group (SAR Only)

1997-2014



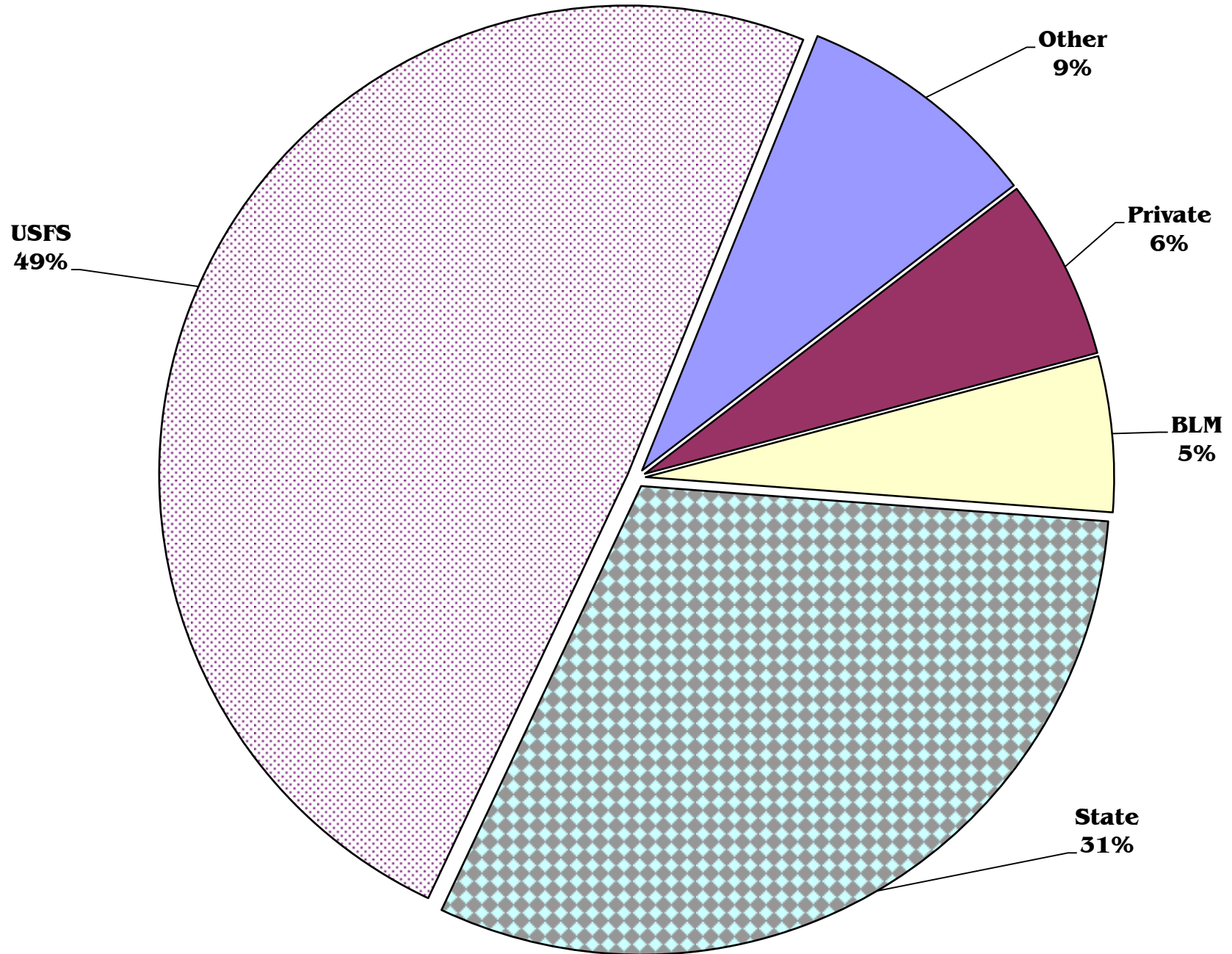
<b>County of Residence</b>	<b>Percentage of all missing</b>
Multnomah	9%
Jackson	8%
Lane	8%
Clackamas	6%
Deschutes	5%
<b>All out-of-state</b>	<b>11%</b>
Washington	4%
California	3%
<b>All in-state</b>	<b>73%</b>
All out-of-state	11%
No location given	16%
<b>Total</b>	<b>100%</b>

<b>County of Residence</b>	<b>Percentage of all rescued</b>
Lane	19%
Multnomah	10%
Deschutes	7%
Clackamas	6%
Jackson	5%
<b>All out-of-state</b>	<b>13%</b>
Washington	6%
California	2%
<b>All in-state</b>	<b>72%</b>
All out-of-state	13%
No location given	15%
<b>Total</b>	<b>100%</b>

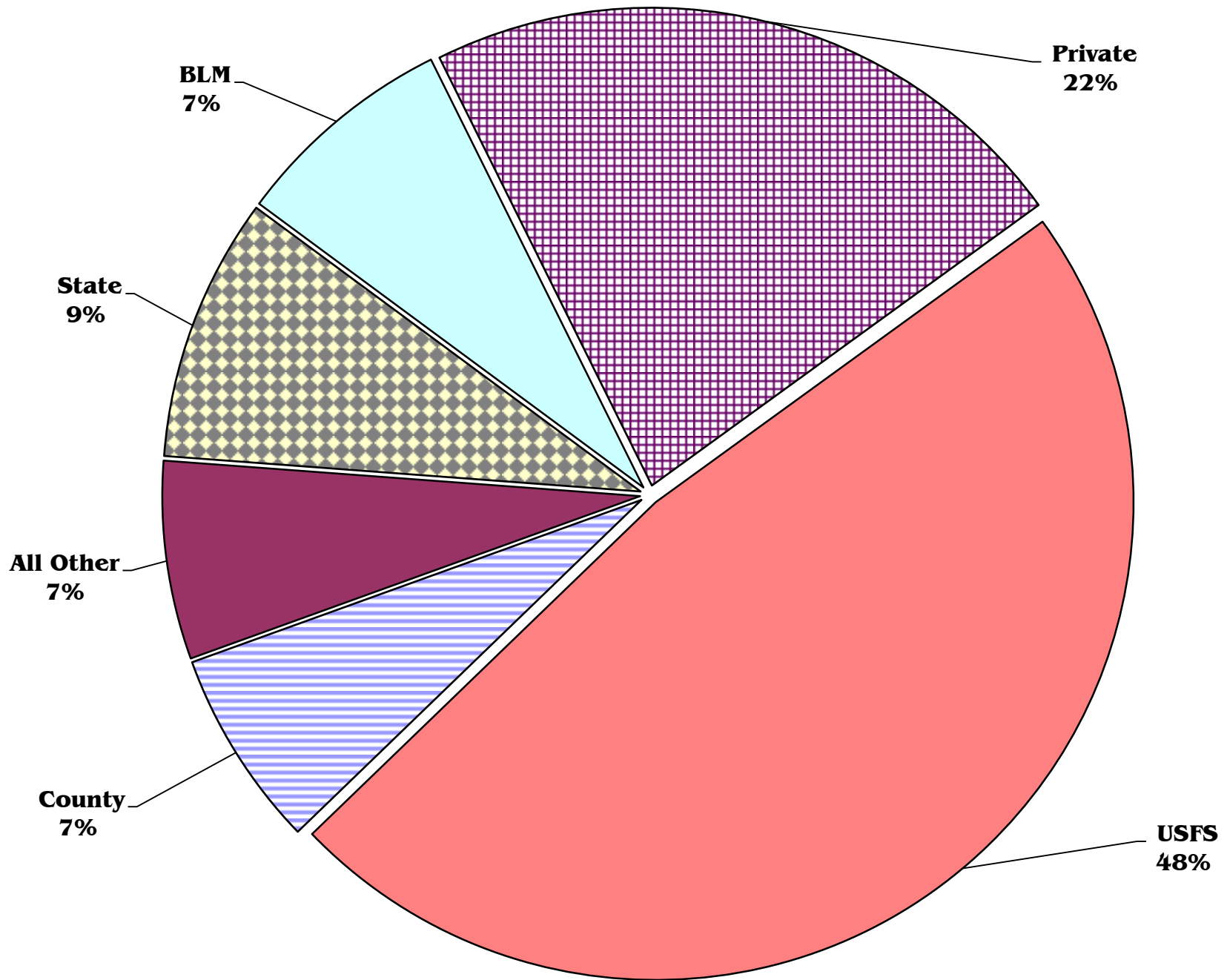
2014

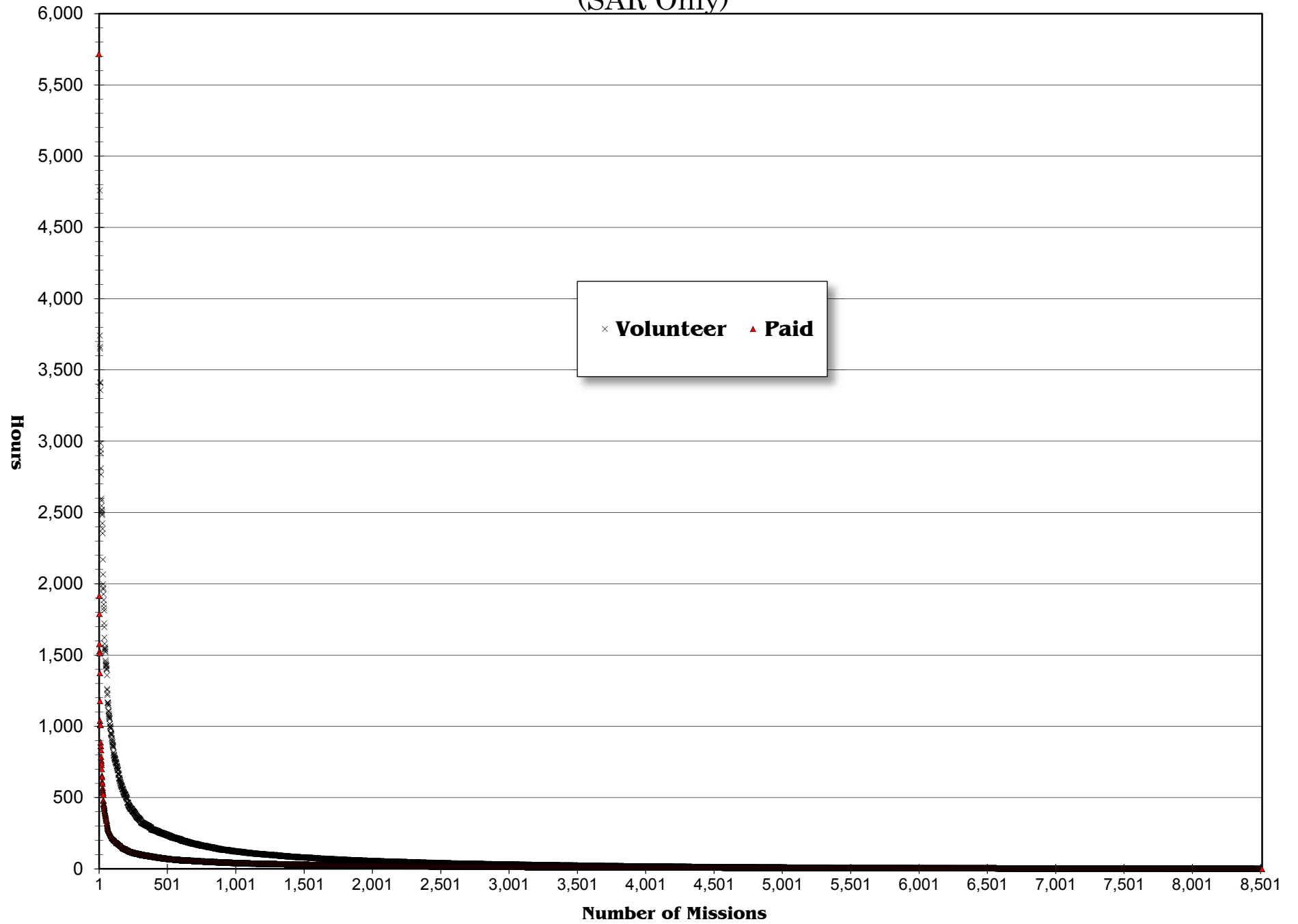
# Land Use for Rescues (Land and Water)

2014



# Land Use for Searches (Land and Water)

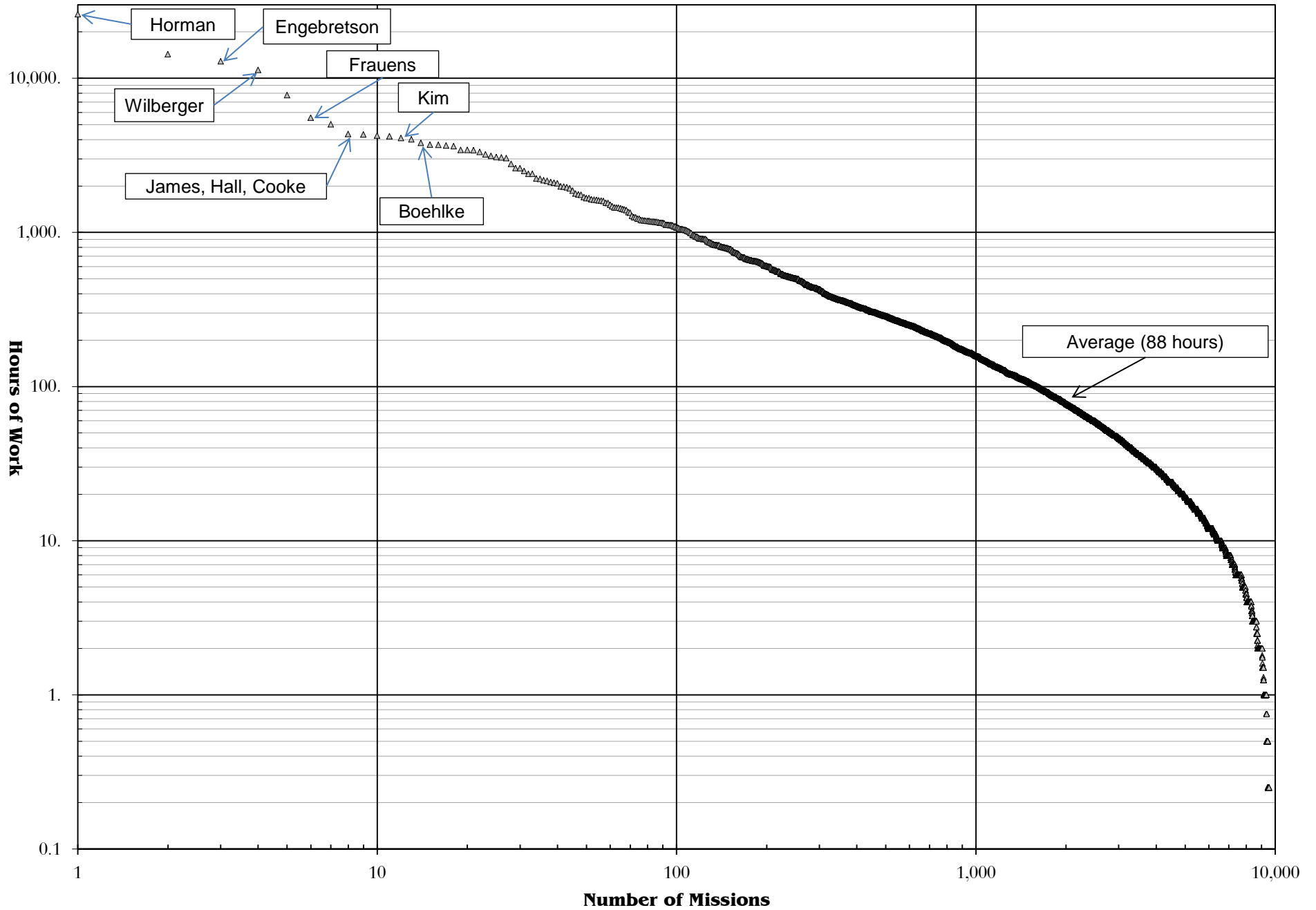


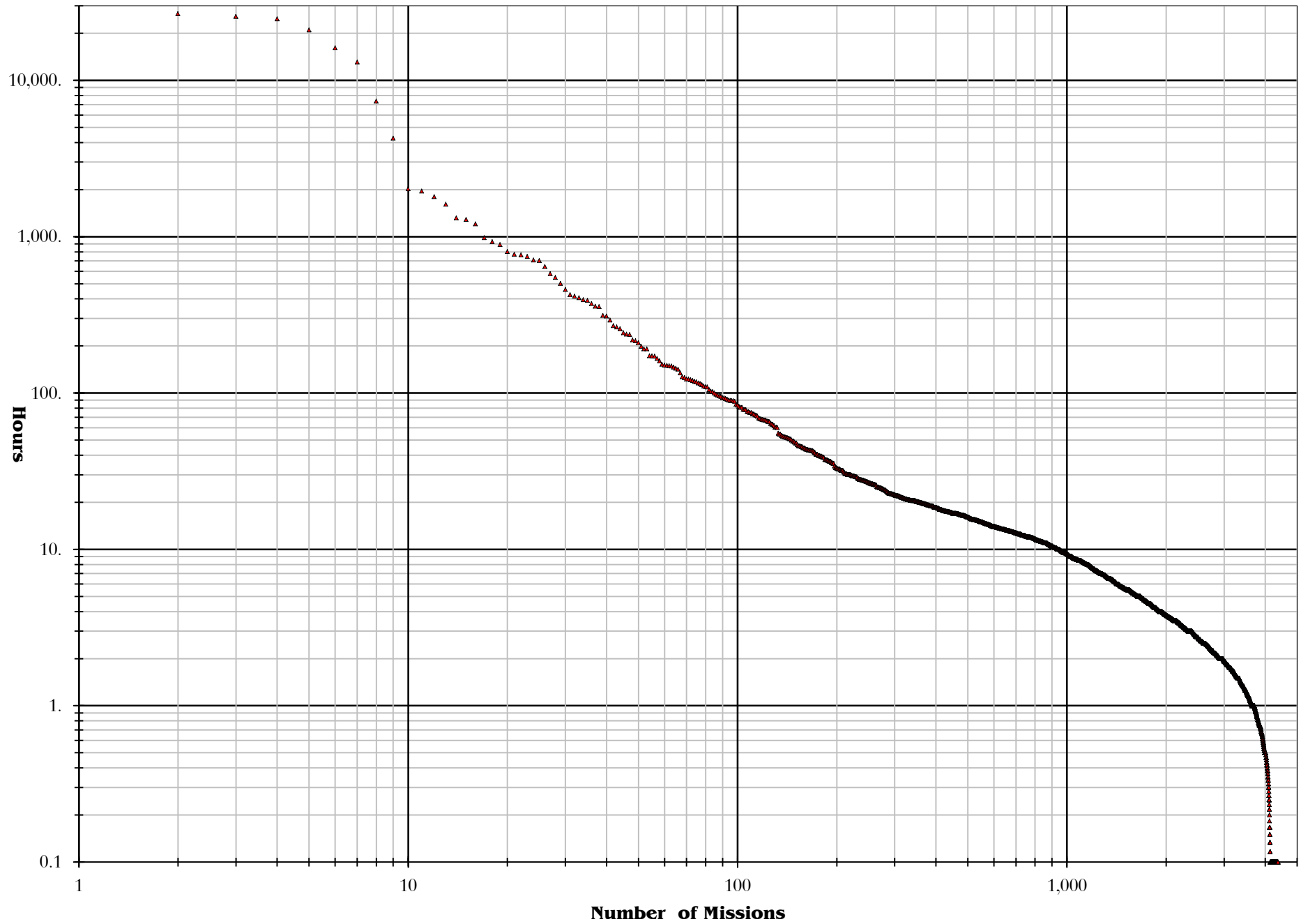


1997-2014

# Mission Hours (SAR Only)

1997-2014



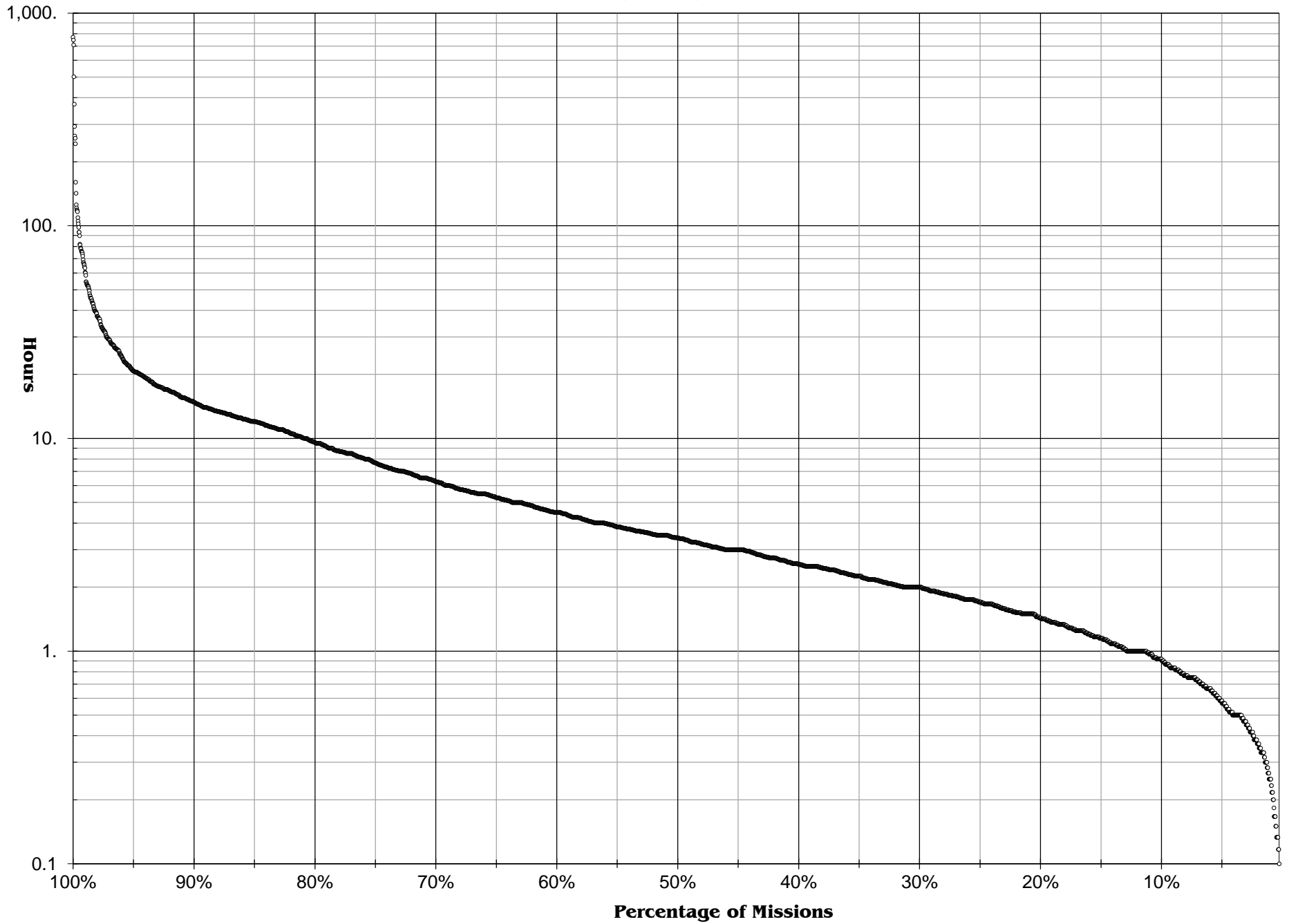




1997-2014

# Time to Find A Subject on Land (Alive)

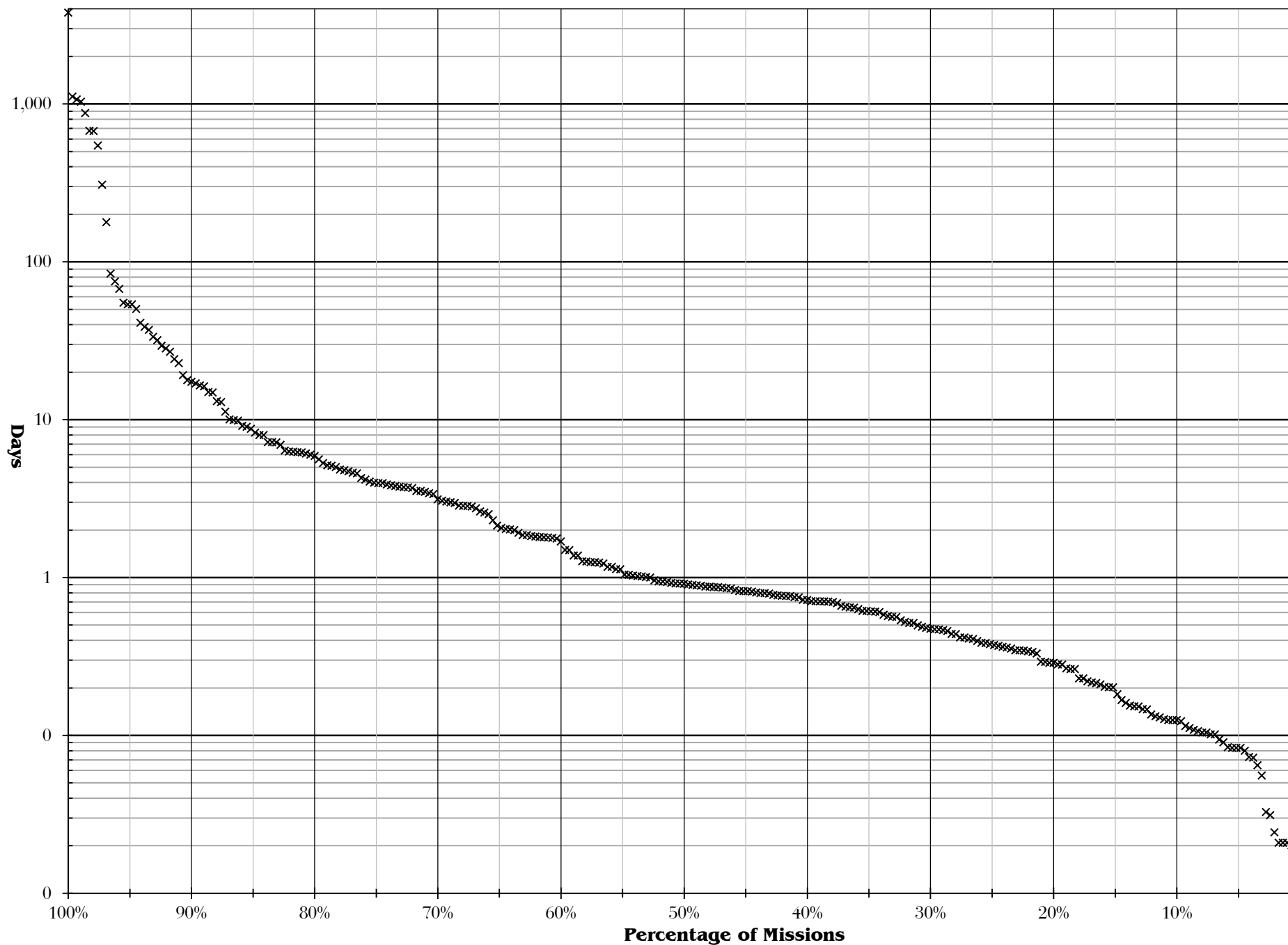
1997-2014

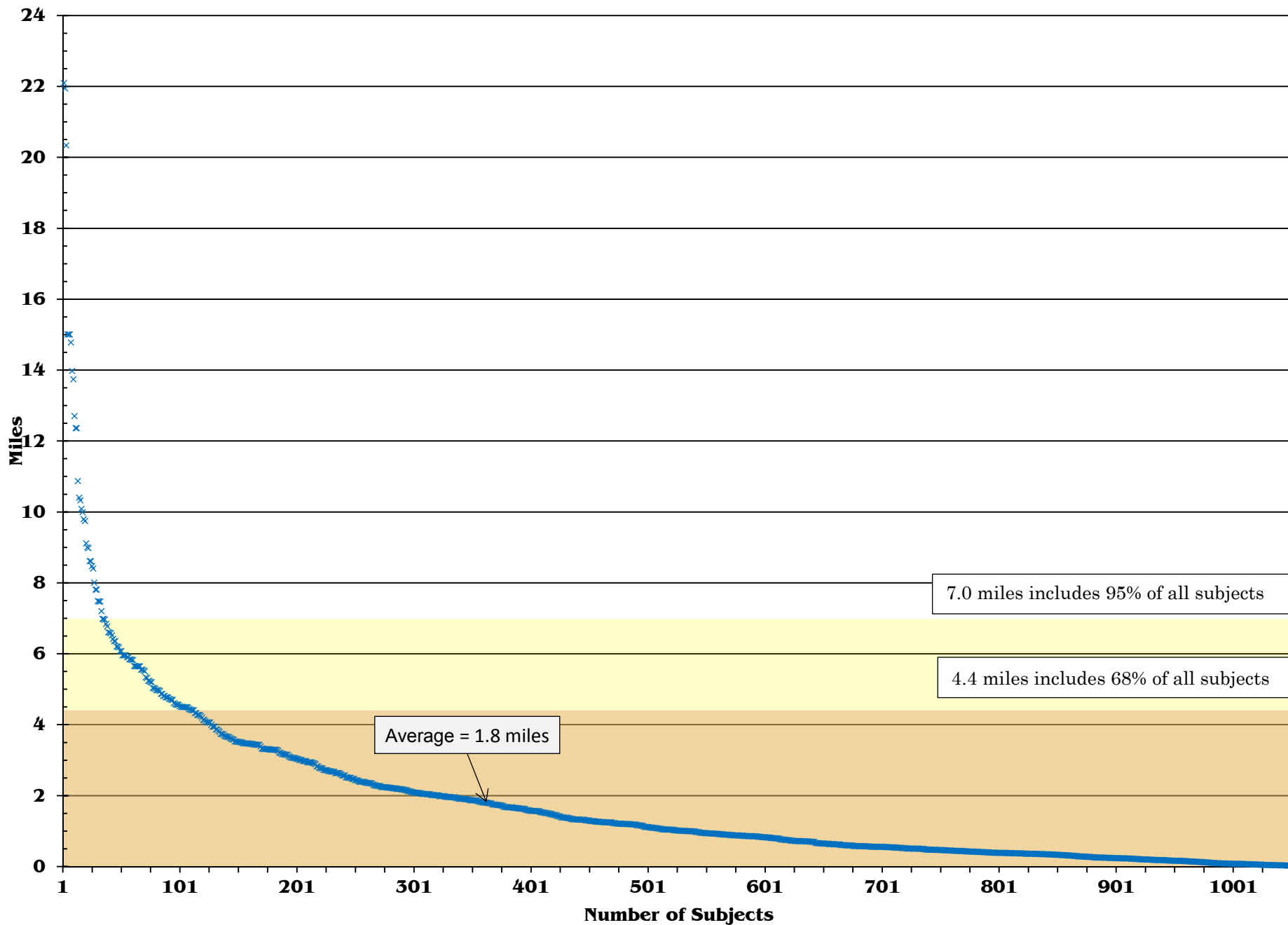


1997-2014

# Hours to Find A Subject on Land (Deceased)

1997-2014

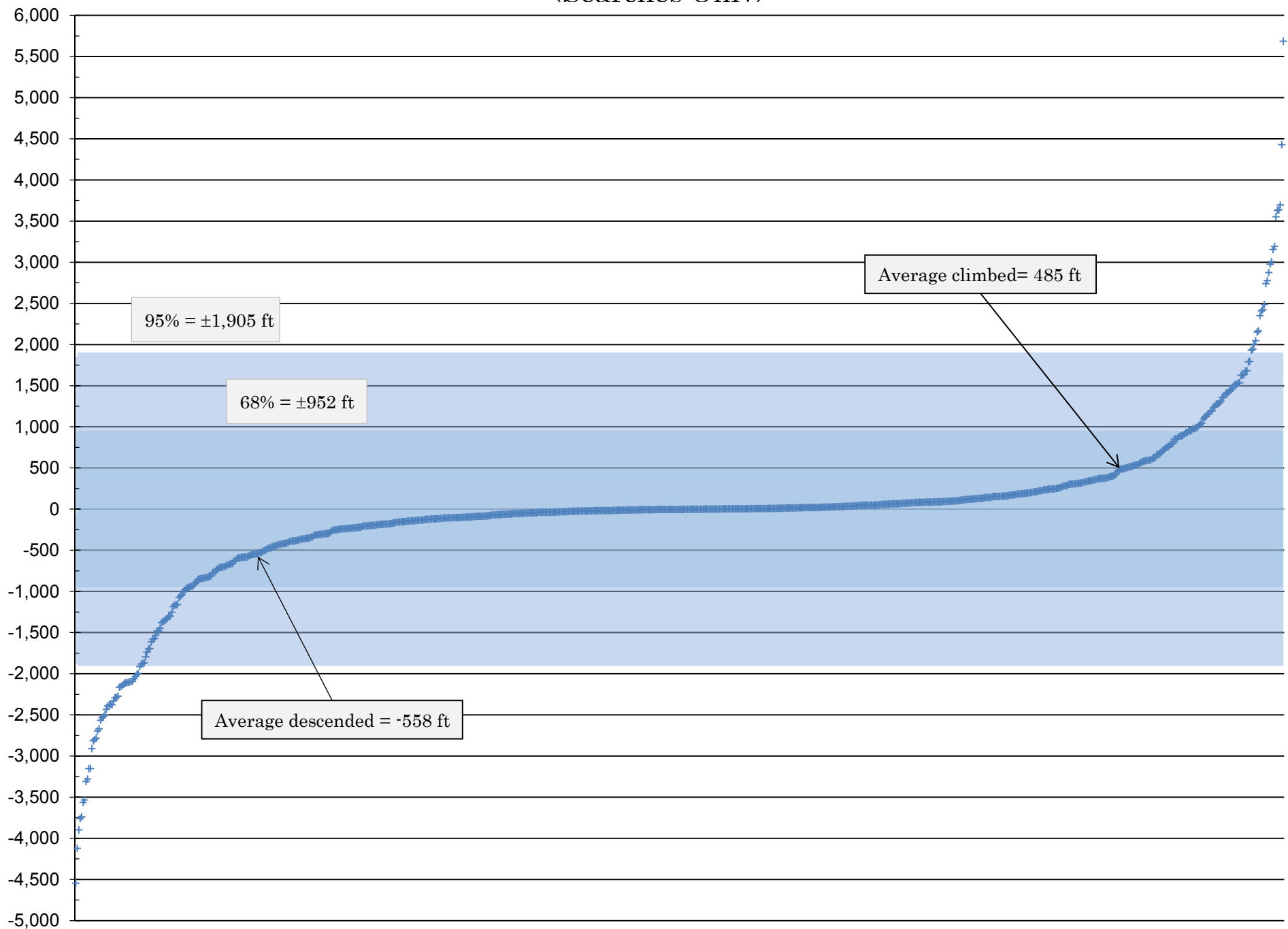




2010-2014

# Distance Climbed or Descended (Searches Only)

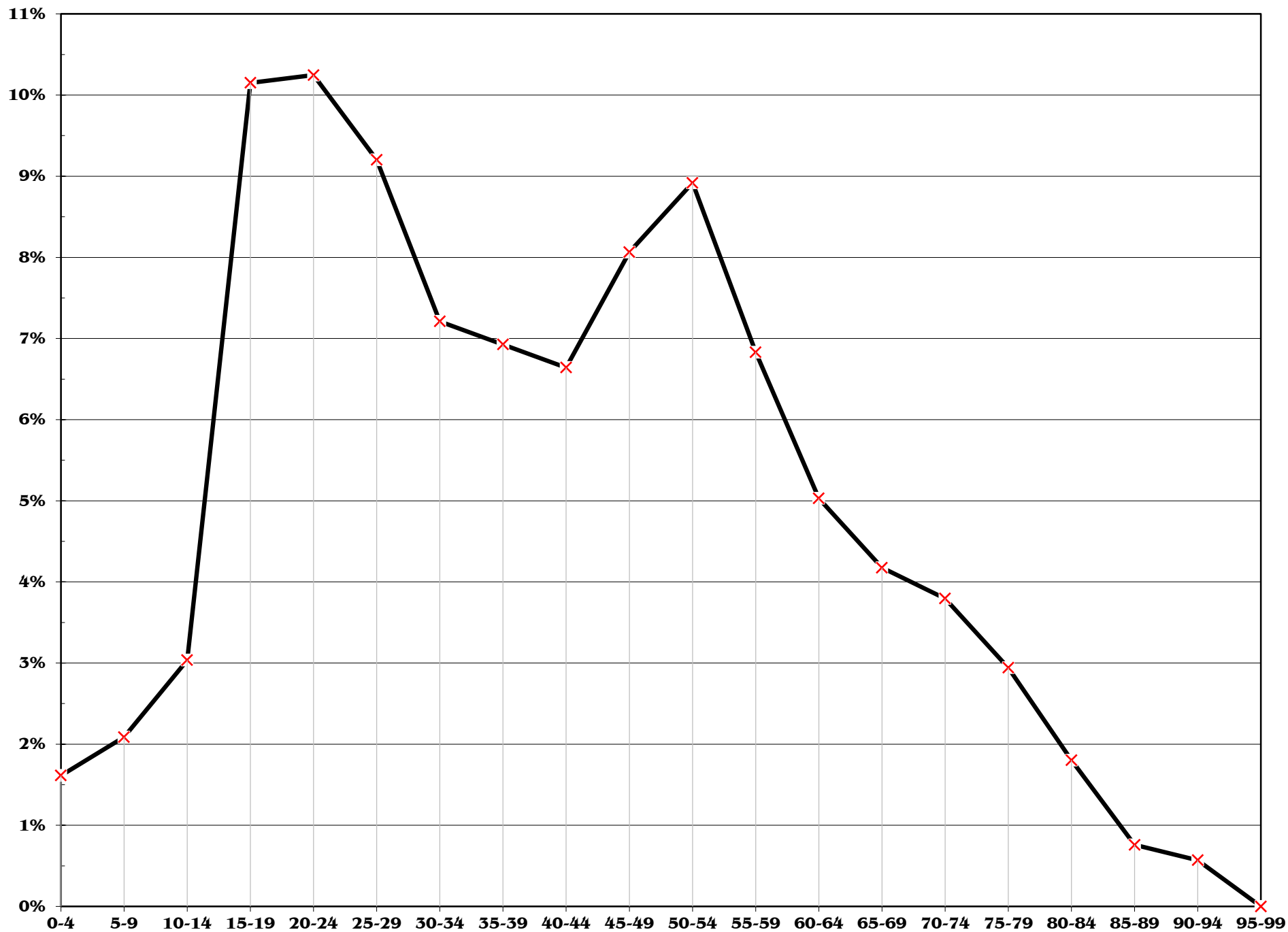
2010-2014

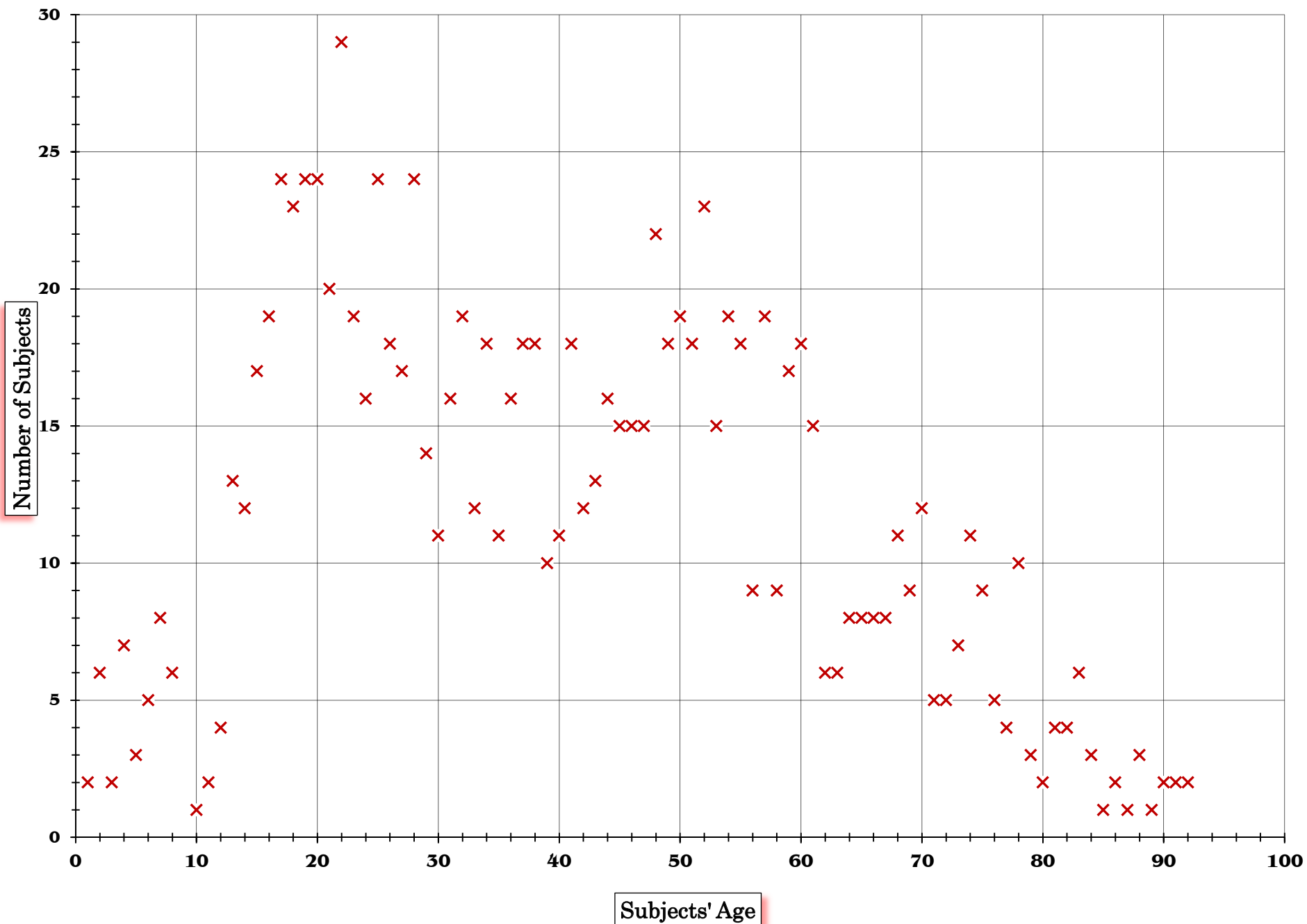


1997-2014

# Deaths by Age Group

1997-2014

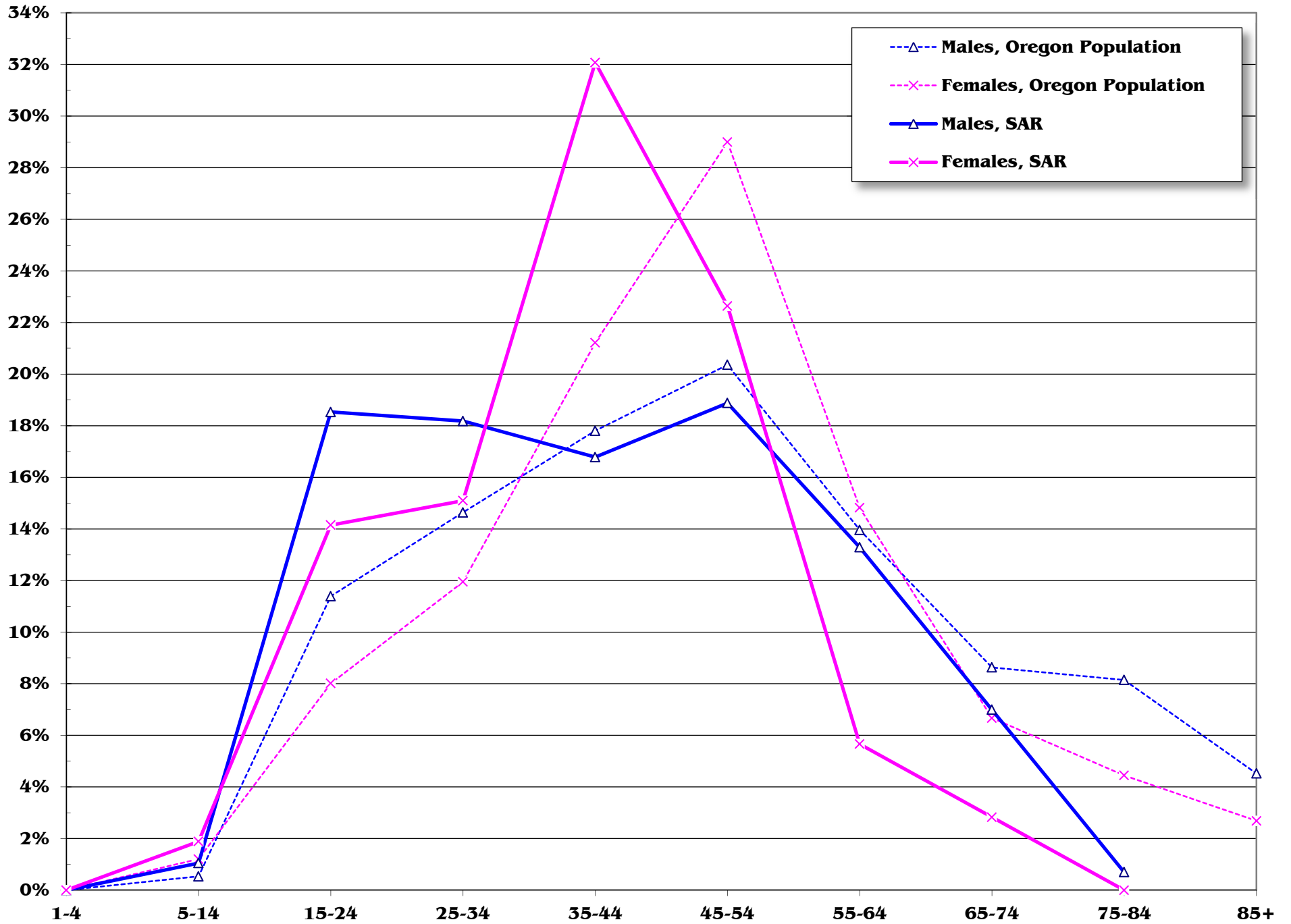




1997-2014

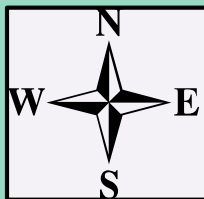
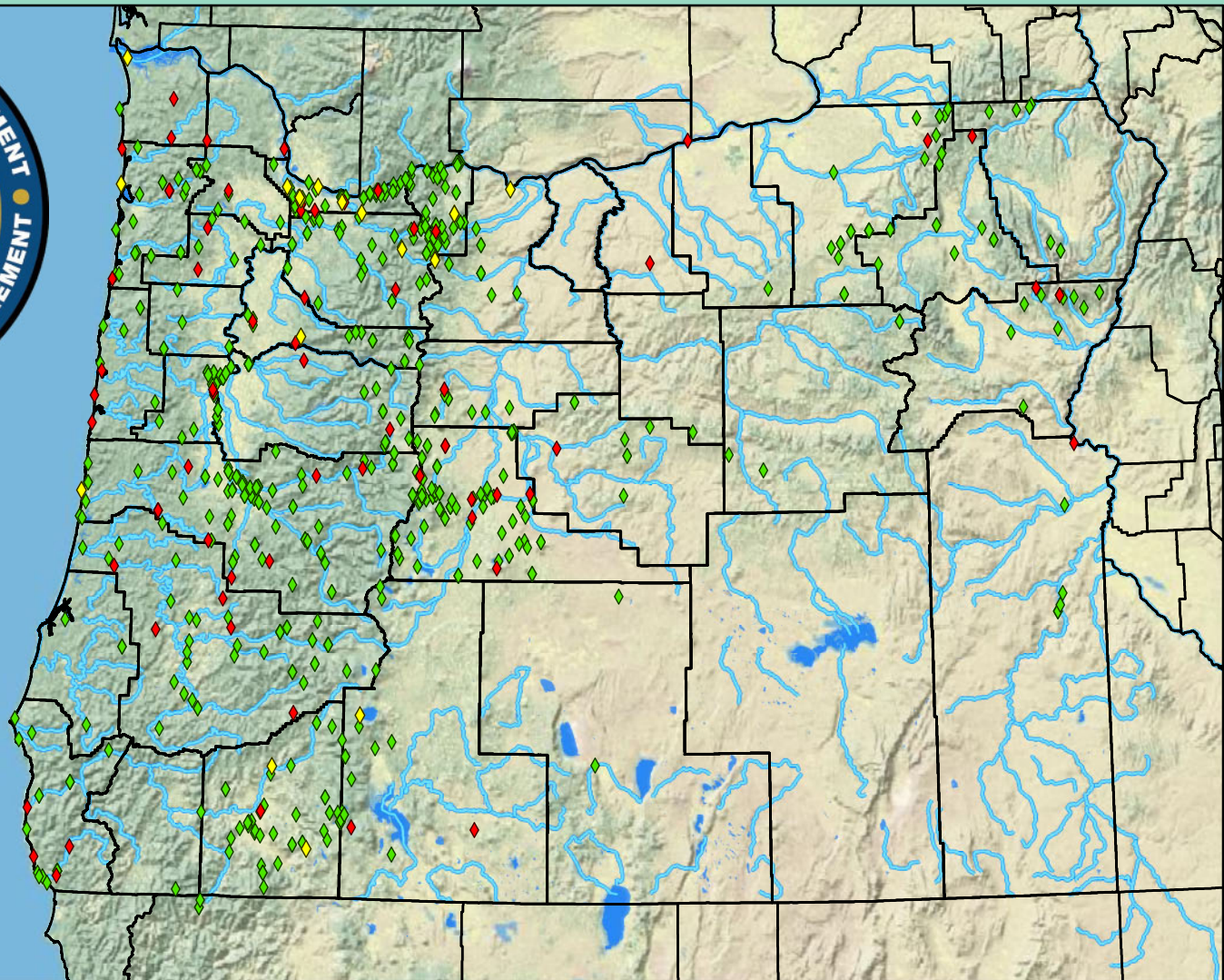
# Suicides

1997-2014





- ◆ Deceased
- ◆ Alive
- ◆ Missing



# MISSION RESULTS

## 2014

Date: 2/19/2015  
Created by georges kleinbaum



Total transportation use and work hours for aviation missions

**TRANSPORTATION**

<b>HOURS</b>				<b>MILES</b>	
Helicopter				Helicopter	
Military Helicopter	6			Military Helicopter	
Plane				Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV	28			ATV	
Motorcycle				Motorcycle	
Boat	9			Boat	
4-Wheel drive		<b>Total Transportation Hours</b>	<b>45</b>	4-Wheel drive	500
Specialized vehicles		<b>Total Transportation Miles</b>	<b>508</b>	Specialized vehicles	8
Other 2-wheel drive	2			Other 2-wheel drive	
Other equipment				Other equipment	

**HOURS OF PAID WORK**

Other		CAP		Divers	
BLM		Forest Service		Other Feds	84
Explorers		Mt Rescue		Dog team	
Jeep club		Ski patrol		Horse team	
Fire Service	8	Law Enforcement	41	State Agency	
Sheriff's SAR	2				
<b>Total Paid Hours</b>	<b>135</b>				

**HOURS OF VOLUNTEER WORK**

Other		CAP		Divers	38
BLM		Forest Service		Other Feds	
Explorers		Mt Rescue		Dog team	
Jeep club		Ski patrol		Horse team	
Fire Service	126	Law Enforcement		State Agency	
Sheriff's SAR	119	Amateur radio			
<b>Total Volunteer Hours</b>	<b>283</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

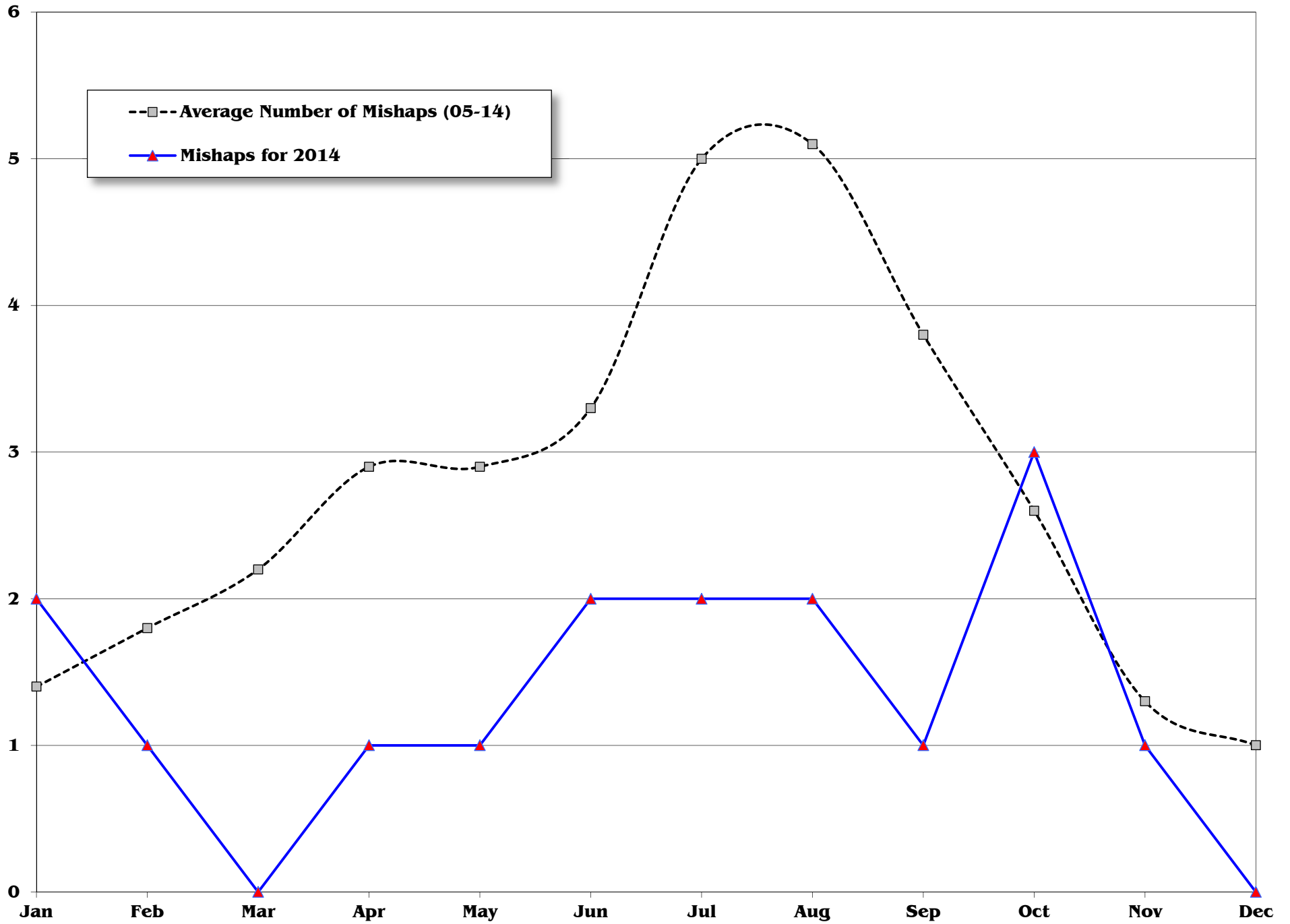
Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Costs</b>	<b>\$0.00</b>						

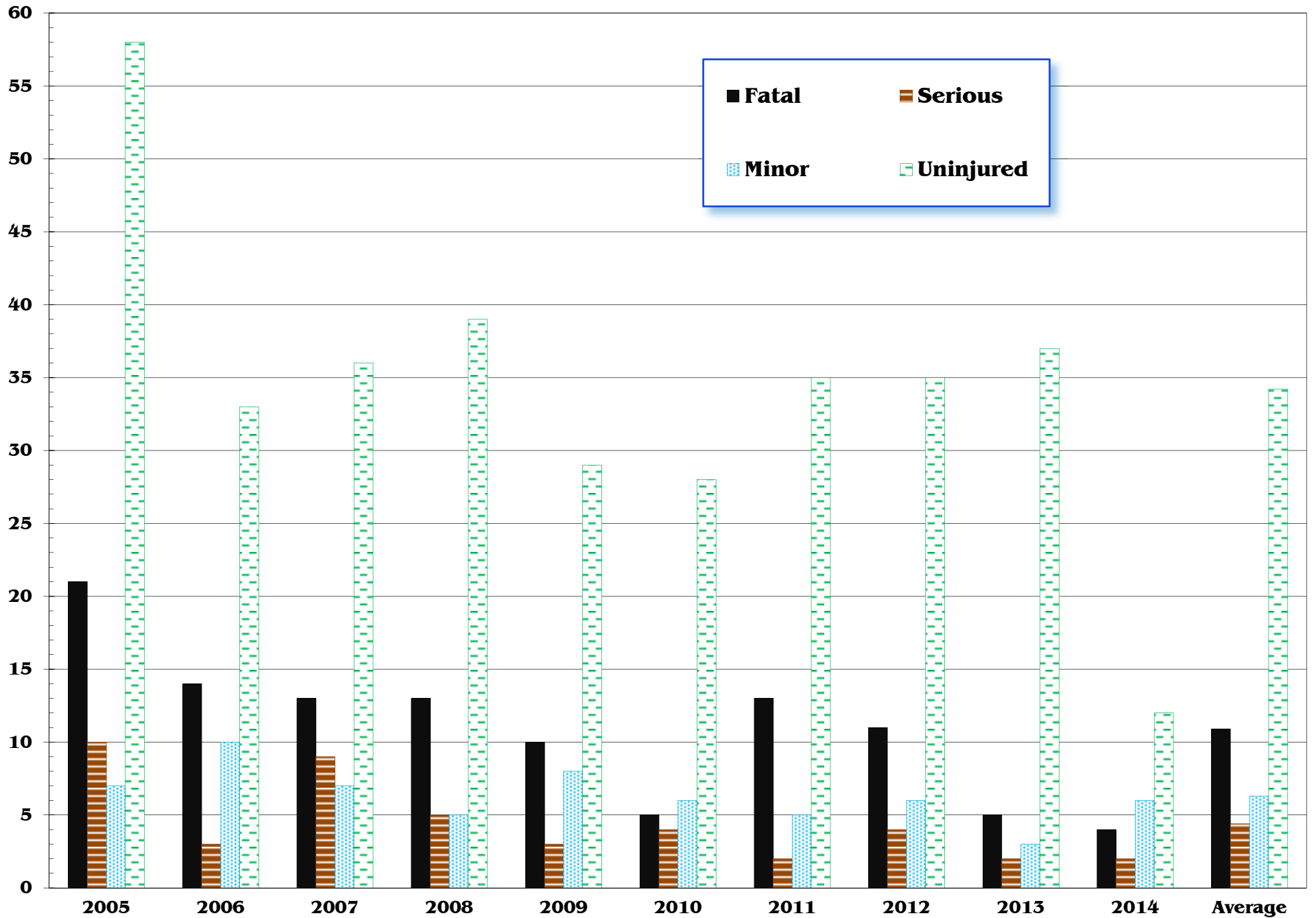
<b>Mishaps</b>		<b>Number of Injuries</b>				
		<b>Fatal</b>	<b>Serious</b>	<b>Minor</b>	<b>Uninjured</b>	<b>Total</b>
<b>January</b>	2				2	<b>2</b>
<b>February</b>	1				1	<b>1</b>
<b>March</b>	0					<b>0</b>
<b>April</b>	1		1			<b>1</b>
<b>May</b>	1	2	1			<b>3</b>
<b>June</b>	2	2			1	<b>3</b>
<b>July</b>	2			3		<b>3</b>
<b>August</b>	2				2	<b>2</b>
<b>September</b>	1				2	<b>2</b>
<b>October</b>	3			2	4	<b>6</b>
<b>November</b>	1			1		<b>1</b>
<b>December</b>	0					<b>0</b>
<b>Total</b>	<b>16</b>	<b>4</b>	<b>2</b>	<b>6</b>	<b>12</b>	<b>24</b>

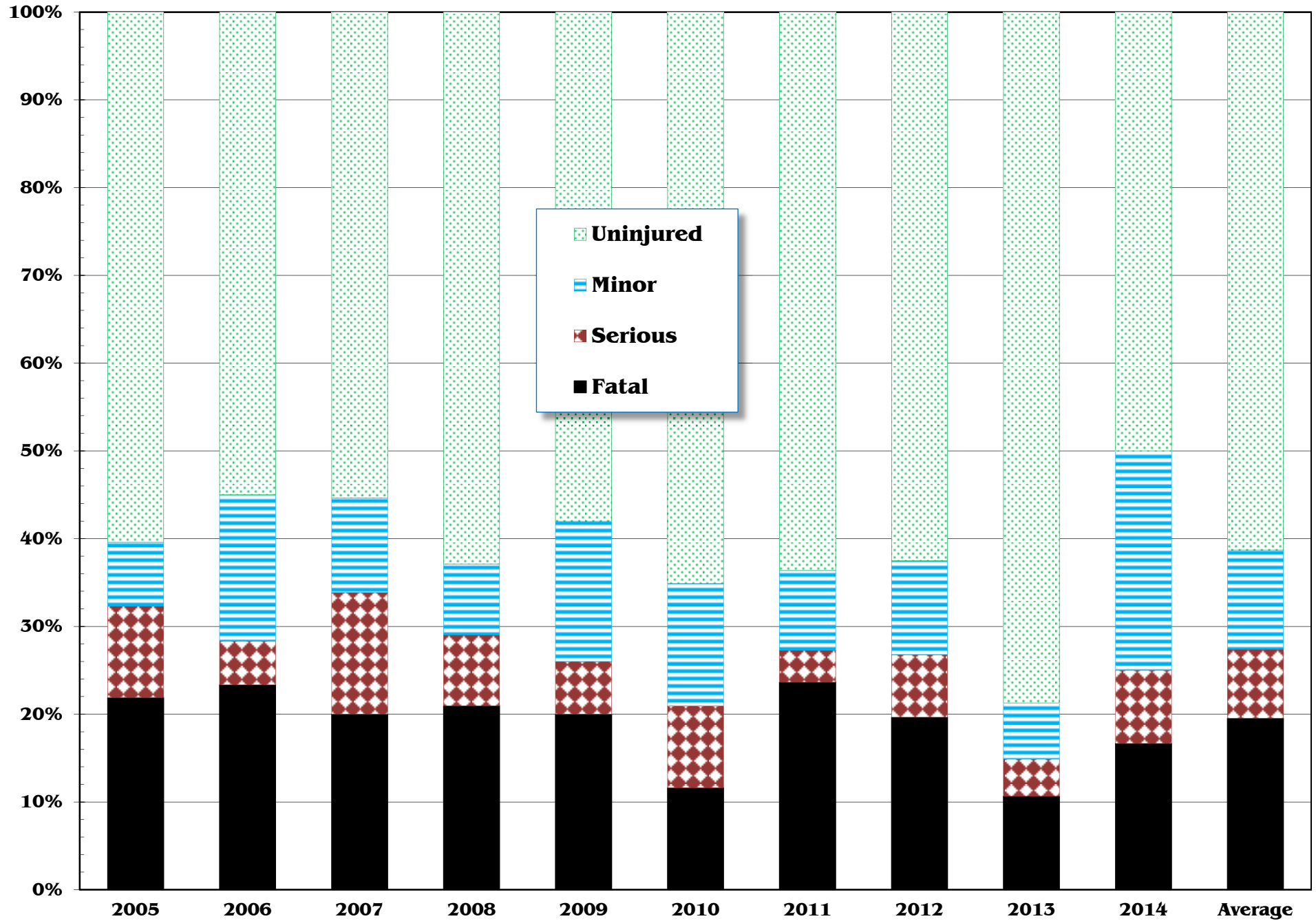
2014

# General Aviation Mishaps by Month

2014







1973-2014

# Annual Number of General Aviation Mishaps

1973-2014



## Total transportation use and work hours for aviation missions

**TRANSPORTATION**

HOURS				MILES	
Helicopter				Helicopter	
Military Helicopter				Military Helicopter	
Plane	24			Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV				ATV	
Motorcycle				Motorcycle	
Boat				Boat	
4-Wheel drive		<b>Total Transportation Hours</b>	<b>27</b>	4-Wheel drive	121
Specialized vehicles		<b>Total Transportation Miles</b>	<b>121</b>	Specialized vehicles	
Other 2-wheel drive	3			Other 2-wheel drive	
Other equipment				Other equipment	

**HOURS OF PAID WORK**

Other		CAP		Divers	
BLM		Forest Service		Other Feds	
Explorers		Mt Rescue		Dog team	
Jeep club		Ski patrol		Horse team	
Fire Service		Law Enforcement	15	State Agency	28
Sheriff's SAR					
<b>Total Paid Hours</b>	<b>43</b>				

**HOURS OF VOLUNTEER WORK**

Other		CAP	270	Divers	
BLM		Forest Service		Other Feds	
Explorers		Mt Rescue		Dog team	
Jeep club		Ski patrol		Horse team	
Fire Service		Law Enforcement	8	State Agency	
Sheriff's SAR	8	Amateur radio	4		
<b>Total Volunteer Hours</b>	<b>289</b>				

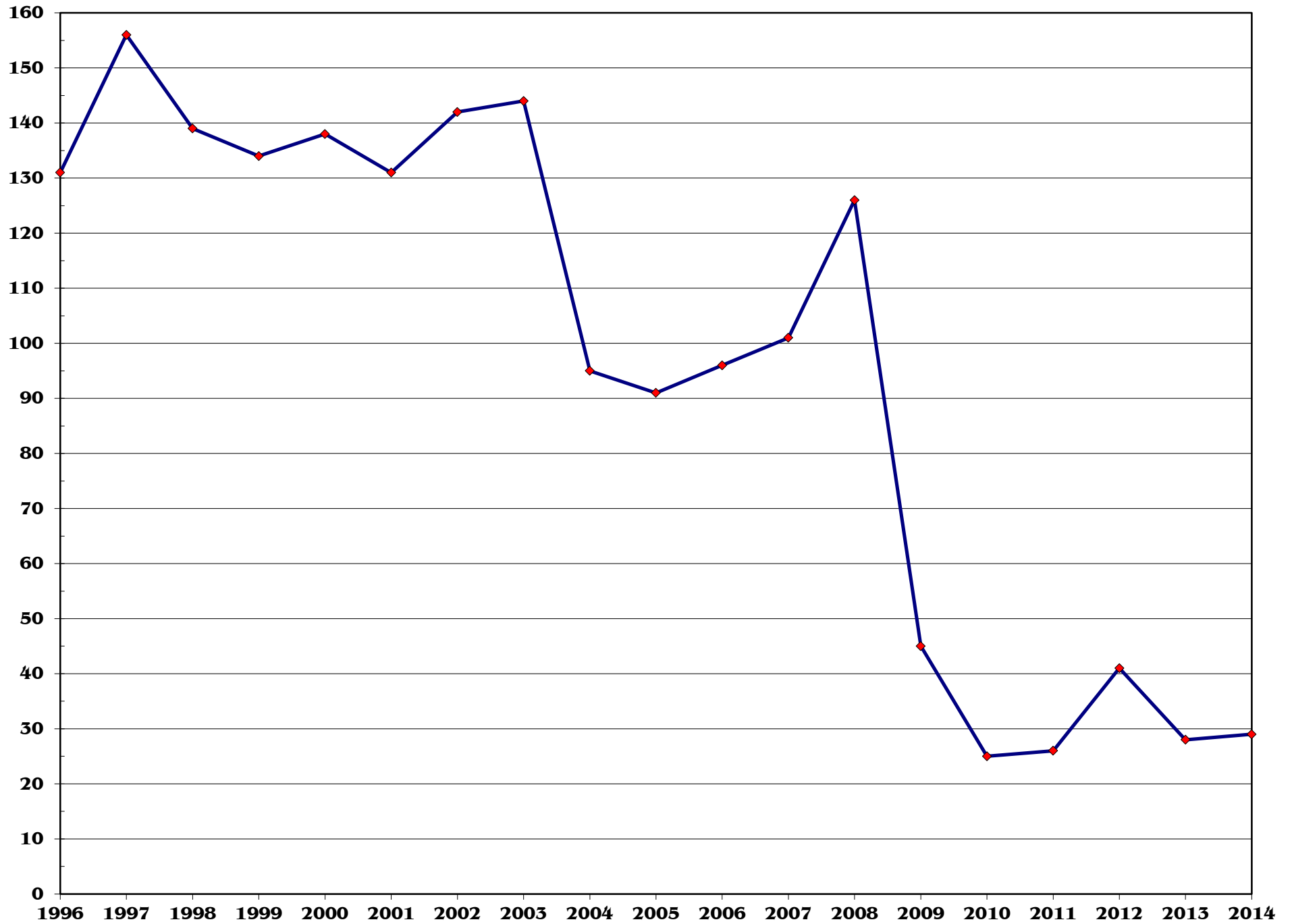
**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Costs</b>	<b>\$0.00</b>						

1996-2014

# Annual Number of ELTs

1996-2014



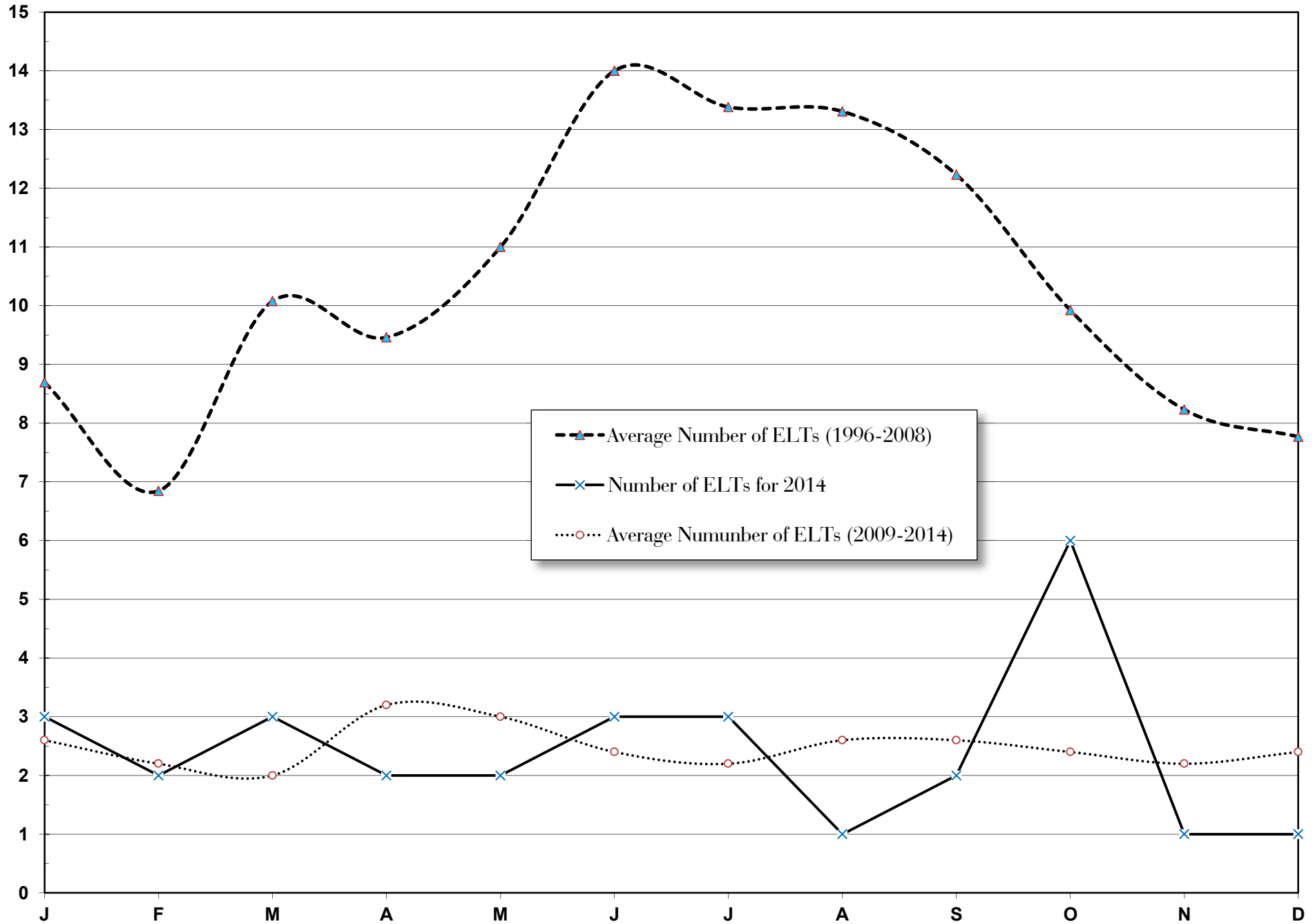


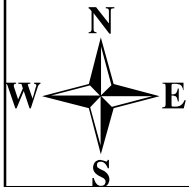
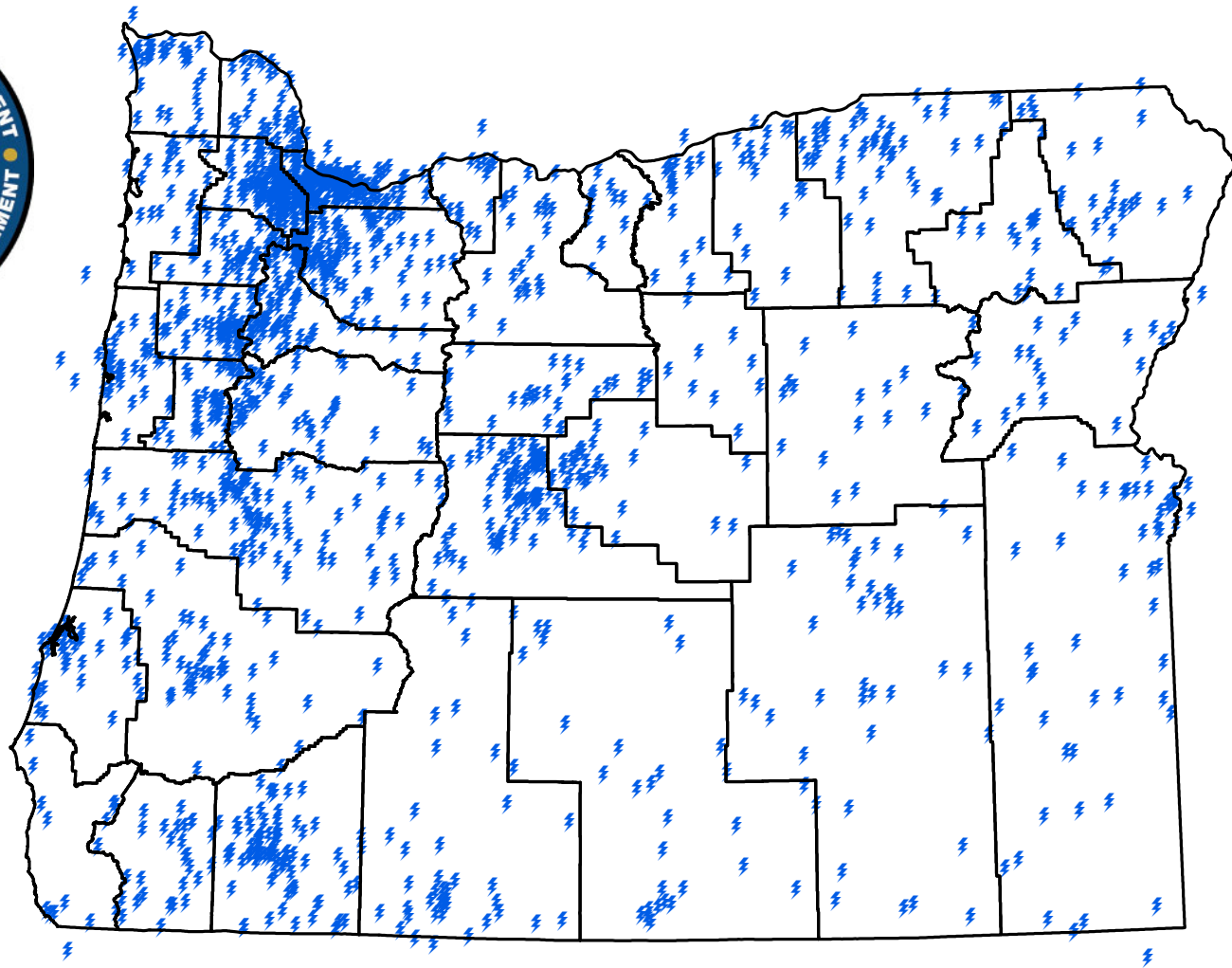
<b>County</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Total</b>
<b>Clackamas</b>					1								<b>1</b>
<b>Clatsop</b>										1			<b>1</b>
<b>Columbia</b>									1				<b>1</b>
<b>Deschutes</b>		1					2		1	1	1		<b>6</b>
<b>Grant</b>										1			<b>1</b>
<b>Hood River</b>	1												<b>1</b>
<b>Jackson</b>	2	1		1						1			<b>5</b>
<b>Klamath</b>							1			1			<b>2</b>
<b>Lane</b>			1			1							<b>2</b>
<b>Malheur</b>						1							<b>1</b>
<b>Marion</b>						1							<b>1</b>
<b>Multnomah</b>			1									1	<b>2</b>
<b>Region</b>					1					1			<b>2</b>
<b>Union</b>			1										<b>1</b>
<b>Yamhill</b>			1					1					<b>2</b>
<b>Total</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>29</b>

2014

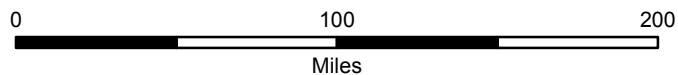
# Number of ELTs per Month

2014





## ELT From 1997 - 2014

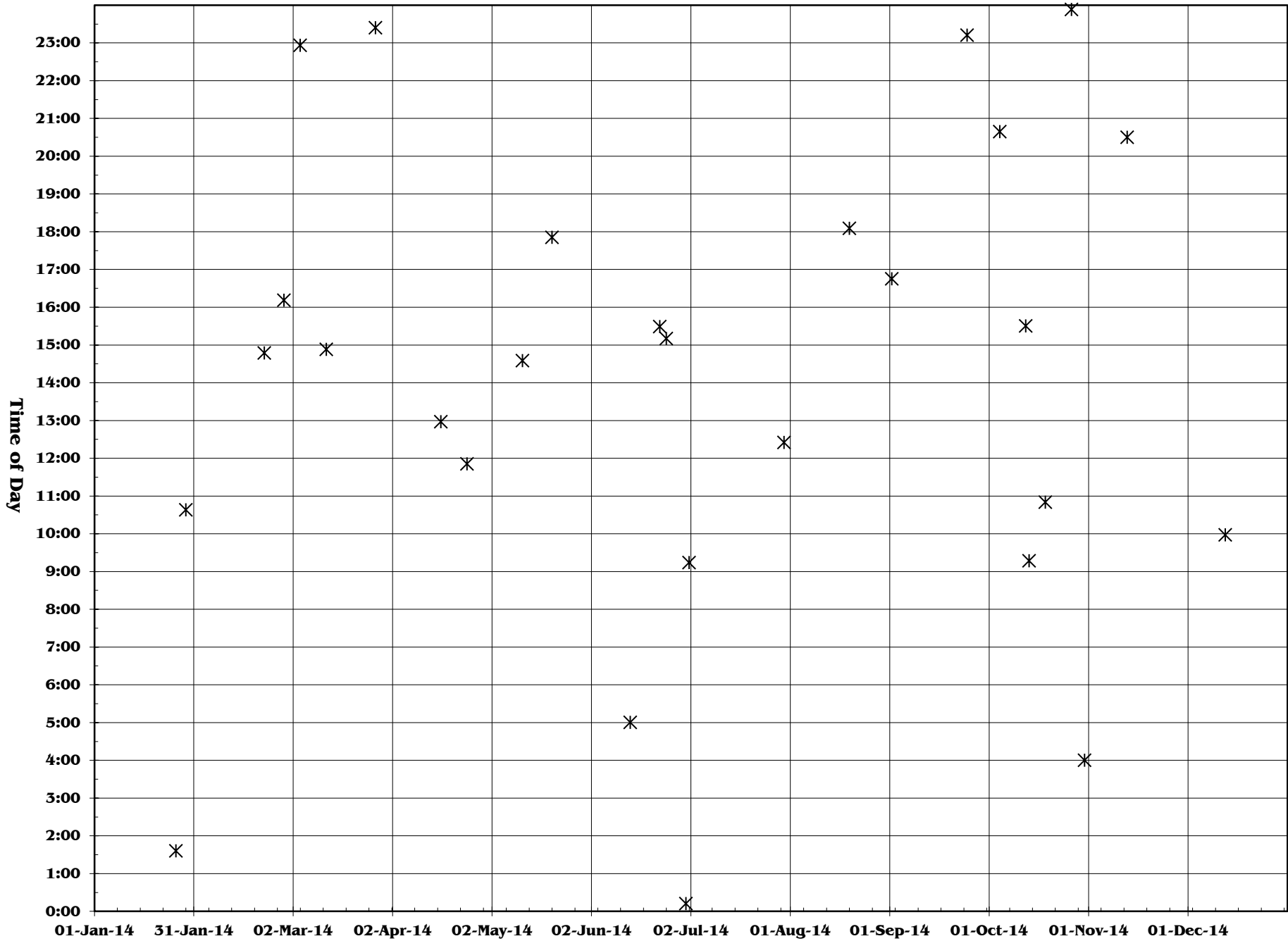


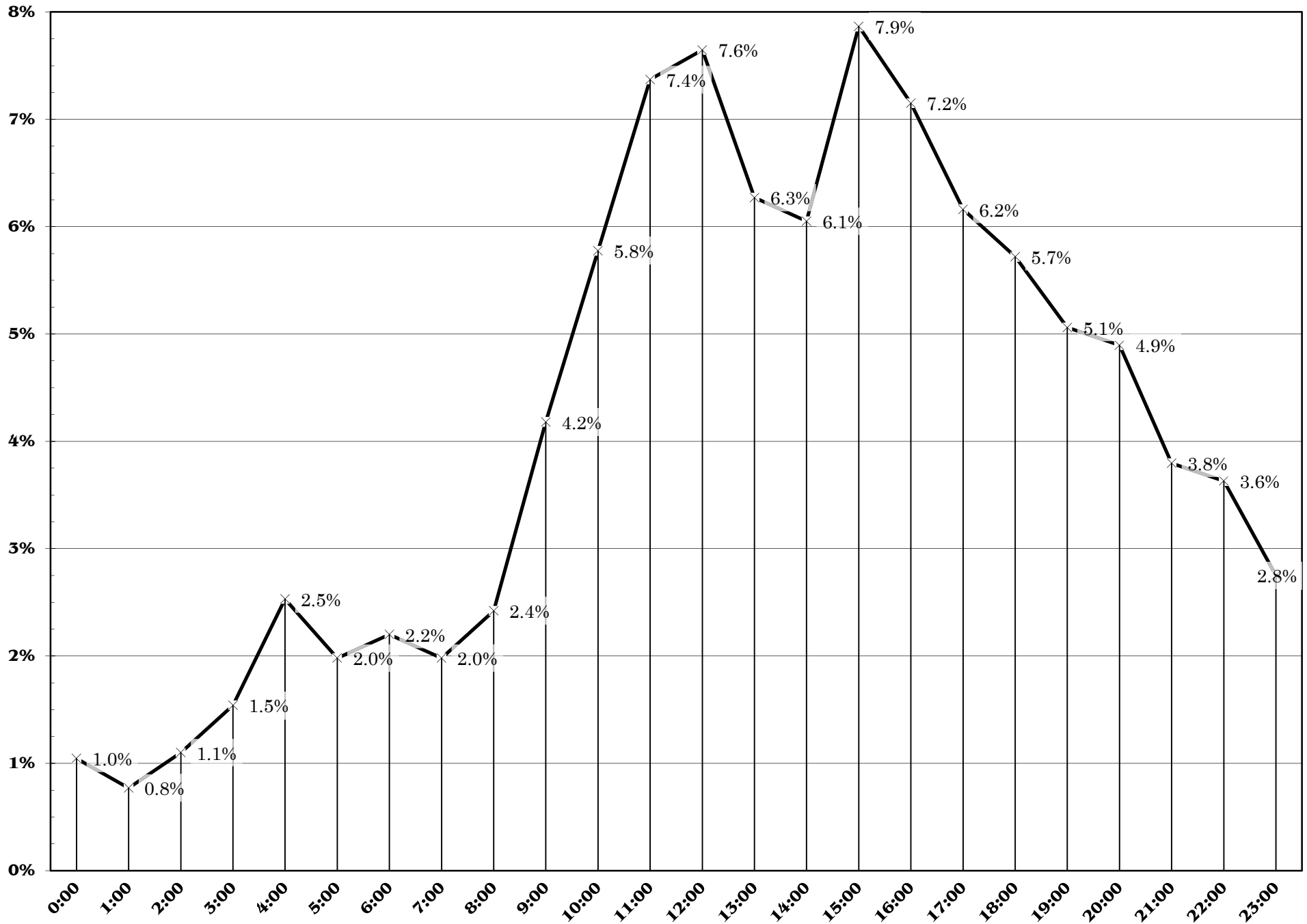
Date: 2/6/2015  
Created by georges kleinbaum

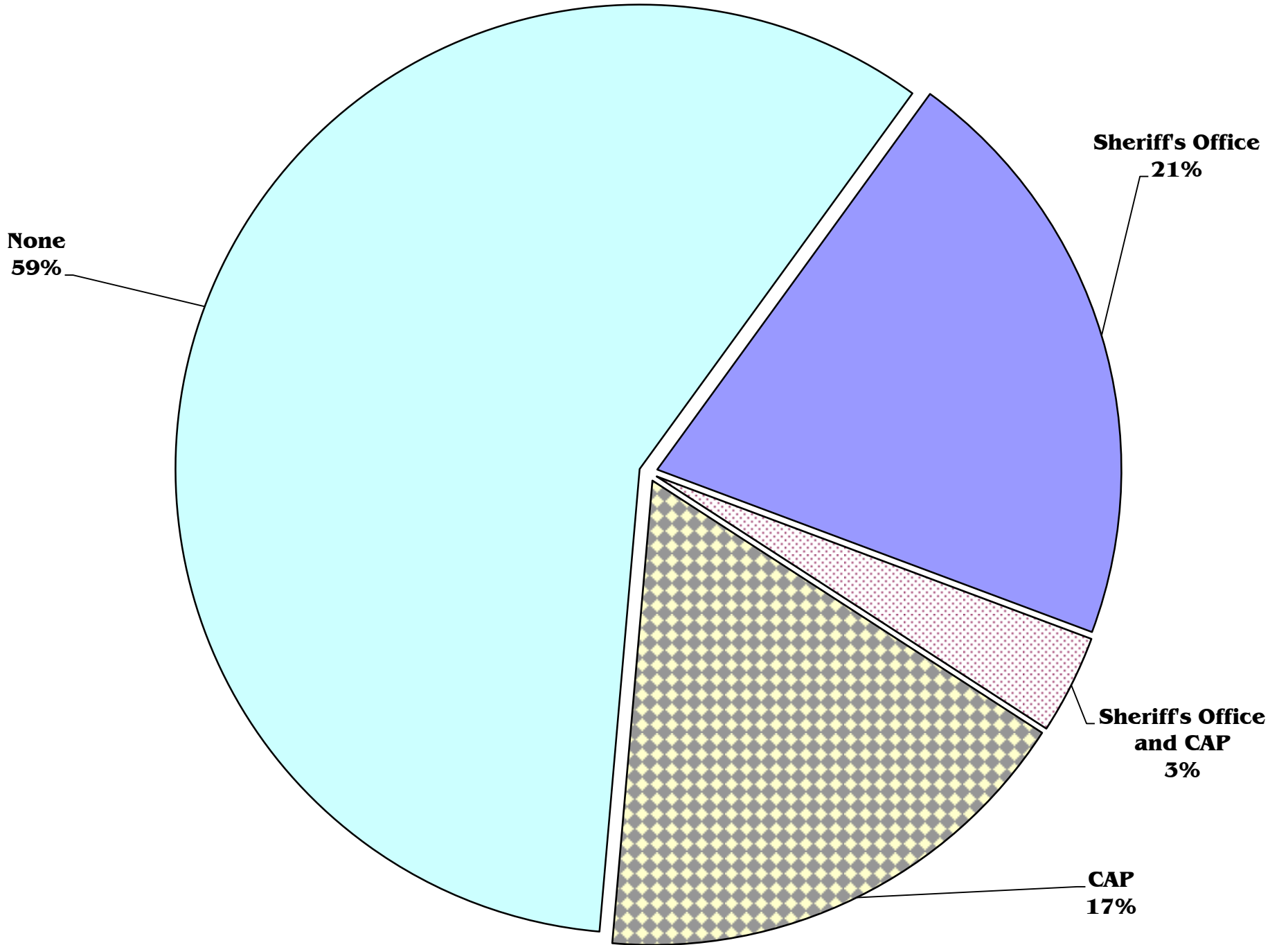
2014

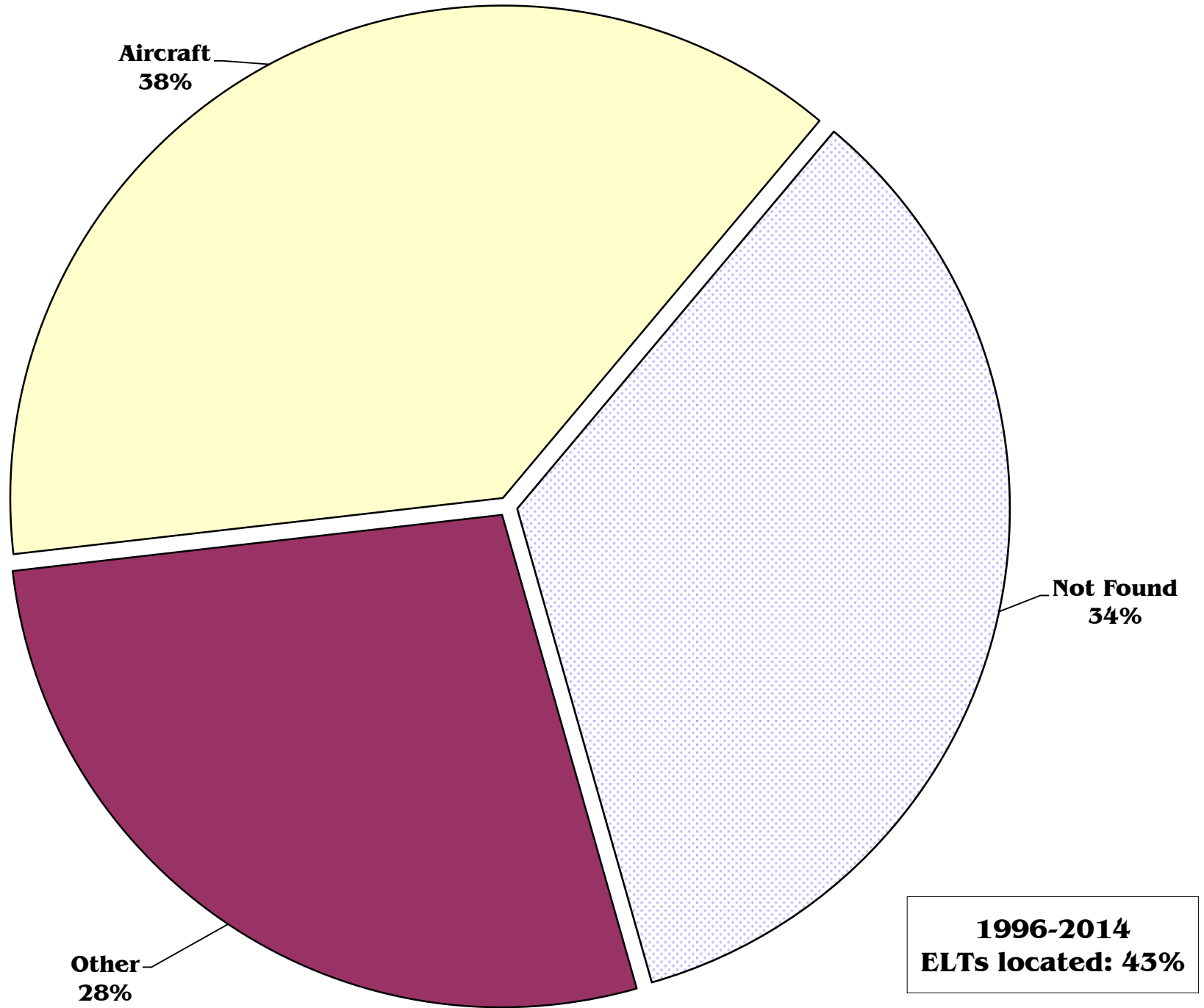
ELT Notification Times

2014





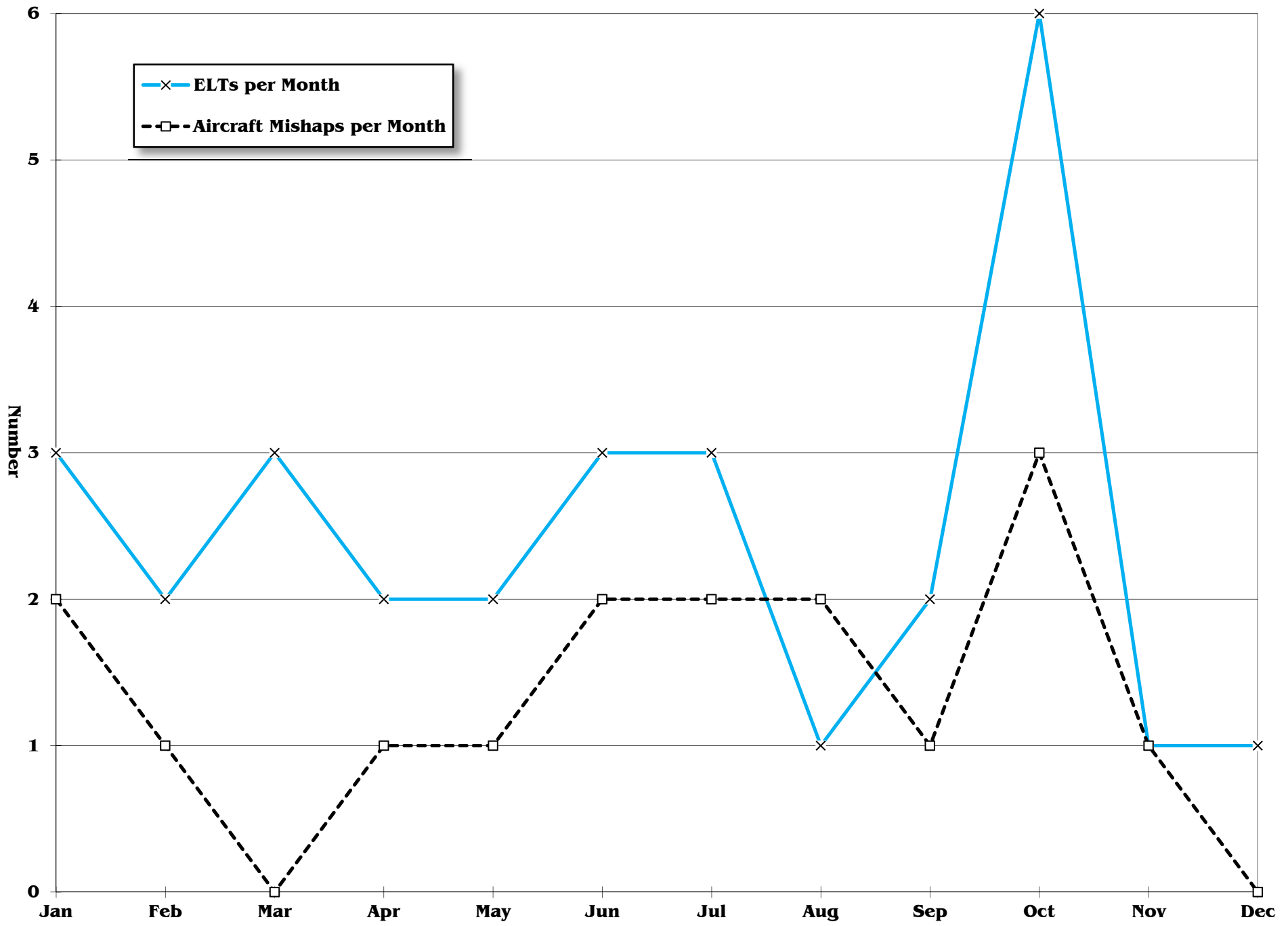




2014

# ELTs vs Aircraft Mishaps

2014





	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Total</i>
<b>On Call Hours</b>													
<b>Kleinbaum</b>	144	129	139	160	156	121	167	132	168	184	128	131	<b>1,758</b>
<b>JOC</b>	600	544	605	560	588	599	577	612	552	561	592	613	<b>7,002</b>
<b>Total</b>													<b>8,760</b>
<b>SAR Hours</b>													
<b>Kleinbaum</b>	0.25	1.25	2	0.75	1.5	0.25	0.75	0.25	0.5	0.75	2.75		<b>11</b>
<b>JOC</b>	4	7.75	8.75	3.5	7.25	7	8	7.25	7.25	13	10	7.75	<b>91.5</b>
<b>Totals</b>	<b>4.25</b>	<b>9</b>	<b>10.75</b>	<b>4.25</b>	<b>8.75</b>	<b>7.25</b>	<b>8.75</b>	<b>7.5</b>	<b>7.75</b>	<b>13.75</b>	<b>12.75</b>	<b>7.75</b>	<b>102.5</b>
<b>Number of Missions Coordinated</b>													
<b>Kleinbaum</b>	<b>28</b>												
<b>JOC</b>	<b>85</b>												
<b>Total</b>	<b>113</b>												

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>		<b>MILES</b>	
Helicopter		Helicopter	
Military Helicopter	17	Military Helicopter	
Plane	2	Plane	
Military Plane		Military Plane	
Snowmobile		Snowmobile	535
Snowcat		Snowcat	80
ATV		ATV	115
Motorcycle		Motorcycle	
Boat		Boat	
Four-Wheel drive		Four-Wheel drive	4,391
Specialized vehicles		Specialized vehicles	
Two-Wheel drive		Two-Wheel drive	8,193
Other equipment		Other equipment	
<b>Total Transportation Hours</b>		<b>19</b>	
<b>Total Transportation Miles</b>		<b>13,314</b>	

**HOURS OF PAID WORK**

CAP		Divers	3	BLM	
Forest Service	6	Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	114	Sheriff's SAR	59	State Agency	4
Other					
<b>Total Paid Hours</b>		<b>186</b>			

**HOURS OF VOLUNTEER WORK**

CAP		Divers	38	BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team	12	Fire Service	16
Law Enforcement		Sheriff's SAR	1,761	State Agency	
Other	134	Amateur radio			
<b>Total Volunteer Hours</b>		<b>1,961</b>			

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>		<b>\$0.00</b>					

## Totals for transportation use and work hours

**TRANSPORTATION**

HOURS				MILES	
Helicopter	1			Helicopter	15
Military Helicopter				Military Helicopter	
Plane				Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV				ATV	
Motorcycle				Motorcycle	
Boat	15			Boat	
Four-Wheel drive	1	<b>Total Transportation Hours</b>	<b>17</b>	Four-Wheel drive	1,325
Specialized vehicles		<b>Total Transportation Miles</b>	<b>12,629</b>	Specialized vehicles	
Two-Wheel drive				Two-Wheel drive	11,289
Other equipment				Other equipment	

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team	3	Fire Service	
Law Enforcement	99	Sheriff's SAR	51	State Agency	1
Other	2				
<b>Total Paid Hours</b>	<b>156</b>				

**HOURS OF VOLUNTEER WORK**

CAP	55	Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue	2,737	Dog team	239	Jeep club	
Ski patrol		Horse team	9	Fire Service	
Law Enforcement	2	Sheriff's SAR	239	State Agency	
Other	2,397	Amateur radio	738		
<b>Total Volunteer Hours</b>	<b>6,414</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$0.00</b>						

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>				<b>MILES</b>	
Helicopter				Helicopter	
Military Helicopter	13			Military Helicopter	
Plane	5			Plane	
Military Plane				Military Plane	
Snowmobile	2			Snowmobile	
Snowcat	10			Snowcat	
ATV	76			ATV	
Motorcycle				Motorcycle	
Boat	12			Boat	
Four-Wheel drive	107	<b>Total Transportation Hours</b>	<b>247</b>	Four-Wheel drive	60
Specialized vehicles	4	<b>Total Transportation Miles</b>	<b>60</b>	Specialized vehicles	
Two-Wheel drive	7			Two-Wheel drive	
Other equipment	10			Other equipment	

**HOURS OF PAID WORK**

CAP		Divers	24	BLM	
Forest Service	22	Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol	2	Horse team		Fire Service	314
Law Enforcement	394	Sheriff's SAR	1,410	State Agency	6
Other	51				
<b>Total Paid Hours</b>	<b>2,222</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	96
Mt Rescue	312	Dog team	129	Jeep club	93
Ski patrol	15	Horse team	20	Fire Service	5
Law Enforcement	66	Sheriff's SAR	173	State Agency	
Other	1,394	Amateur radio	682		
<b>Total Volunteer Hours</b>	<b>2,984</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$1,080.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$150.00
<b>Total Cost</b>	<b>\$1,230.00</b>						

## Totals for transportation use and work hours

**TRANSPORTATION**

HOURS				MILES	
Helicopter				Helicopter	
Military Helicopter	2			Military Helicopter	
Plane	4			Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV	99			ATV	
Motorcycle				Motorcycle	
Boat	1			Boat	
Four-Wheel drive	93	<b>Total Transportation Hours</b>	<b>225</b>	Four-Wheel drive	1,371
Specialized vehicles	17	<b>Total Transportation Miles</b>	<b>1,801</b>	Specialized vehicles	
Two-Wheel drive				Two-Wheel drive	186
Other equipment	10			Other equipment	244

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	243	Sheriff's SAR	62	State Agency	3
Other					
<b>Total Paid Hours</b>	<b>308</b>				

**HOURS OF VOLUNTEER WORK**

CAP	20	Divers	400	BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue	130	Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	7	Sheriff's SAR	826	State Agency	
Other	72	Amateur radio			
<b>Total Volunteer Hours</b>	<b>1,455</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$0.00</b>						

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>				<b>MILES</b>
Helicopter				Helicopter
Military Helicopter	14			Military Helicopter
Plane	1			Plane
Military Plane				Military Plane
Snowmobile				Snowmobile
Snowcat				Snowcat
ATV				ATV
Motorcycle				Motorcycle
Boat	18			Boat
Four-Wheel drive	136	<b>Total Transportation Hours</b>	<b>177</b>	Four-Wheel drive
Specialized vehicles		<b>Total Transportation Miles</b>		Specialized vehicles
Two-Wheel drive	7			Two-Wheel drive
Other equipment				Other equipment

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds	5	Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	18
Law Enforcement	231	Sheriff's SAR		State Agency	5
Other					
<b>Total Paid Hours</b>	<b>258</b>				

**HOURS OF VOLUNTEER WORK**

CAP	40	Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement		Sheriff's SAR	333	State Agency	
Other		Amateur radio			
<b>Total Volunteer Hours</b>	<b>373</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$40.00	Fuel	\$40.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$80.00</b>						

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>		<b>MILES</b>
Helicopter		Helicopter
Military Helicopter		Military Helicopter
Plane		Plane
Military Plane		Military Plane
Snowmobile		Snowmobile
Snowcat		Snowcat
ATV		ATV
Motorcycle		Motorcycle
Boat		Boat
Four-Wheel drive		Four-Wheel drive
Specialized vehicles		Specialized vehicles
Two-Wheel drive		Two-Wheel drive
Other equipment		Other equipment
	<b>Total Transportation Hours</b>	
	<b>Total Transportation Miles</b>	

**HOURS OF PAID WORK**

CAP	Divers	BLM	
Forest Service	Other Feds	Explorers	
Mt Rescue	Dog team	Jeep club	
Ski patrol	Horse team	Fire Service	
Law Enforcement	Sheriff's SAR	State Agency	1
Other			
	<b>Total Paid Hours</b>		<b>1</b>

**HOURS OF VOLUNTEER WORK**

CAP	Divers	BLM	
Forest Service	Other Feds	Explorers	
Mt Rescue	Dog team	Jeep club	
Ski patrol	Horse team	Fire Service	
Law Enforcement	Sheriff's SAR	State Agency	
Other	Amateur radio		
	<b>Total Volunteer Hours</b>		

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
	<b>Total Cost</b>		<b>\$0.00</b>				

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>		<b>MILES</b>	
Helicopter		Helicopter	
Military Helicopter		Military Helicopter	
Plane		Plane	
Military Plane		Military Plane	
Snowmobile		Snowmobile	
Snowcat		Snowcat	
ATV		ATV	14
Motorcycle		Motorcycle	
Boat		Boat	
Four-Wheel drive		Four-Wheel drive	2,556
Specialized vehicles		Specialized vehicles	39
Two-Wheel drive		Two-Wheel drive	
Other equipment		Other equipment	
<b>Total Transportation Hours</b>			
<b>Total Transportation Miles</b>		<b>2,609</b>	

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	111	Sheriff's SAR		State Agency	2
Other					
<b>Total Paid Hours</b>		<b>112</b>			

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team	414	Jeep club	
Ski patrol		Horse team	110	Fire Service	
Law Enforcement		Sheriff's SAR	3,059	State Agency	
Other	9	Amateur radio	174		
<b>Total Volunteer Hours</b>		<b>3,765</b>			

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$85.00	Fuel	\$399.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>		<b>\$484.00</b>					



Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>				<b>MILES</b>	
Helicopter				Helicopter	
Military Helicopter				Military Helicopter	
Plane				Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV	6			ATV	
Motorcycle				Motorcycle	
Boat	26			Boat	12
Four-Wheel drive		<b>Total Transportation Hours</b>	<b>32</b>	Four-Wheel drive	4,932
Specialized vehicles		<b>Total Transportation Miles</b>	<b>5,070</b>	Specialized vehicles	
Two-Wheel drive				Two-Wheel drive	126
Other equipment				Other equipment	

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	343	Sheriff's SAR		State Agency	1
Other					
<b>Total Paid Hours</b>	<b>343</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	18
Law Enforcement		Sheriff's SAR	985	State Agency	
Other		Amateur radio			
<b>Total Volunteer Hours</b>					<b>1,003</b>

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$0.00</b>						

## Totals for transportation use and work hours

**TRANSPORTATION**

HOURS				MILES	
Helicopter	8			Helicopter	
Military Helicopter	7			Military Helicopter	
Plane	2			Plane	
Military Plane				Military Plane	
Snowmobile	122			Snowmobile	
Snowcat				Snowcat	
ATV	272			ATV	
Motorcycle				Motorcycle	
Boat	6			Boat	
Four-Wheel drive		<b>Total Transportation Hours</b>	<b>416</b>	Four-Wheel drive	33,359
Specialized vehicles		<b>Total Transportation Miles</b>	<b>35,888</b>	Specialized vehicles	
Two-Wheel drive				Two-Wheel drive	
Other equipment				Other equipment	2,529

**HOURS OF PAID WORK**

CAP		Divers		BLM	44
Forest Service	391	Other Feds		Explorers	
Mt Rescue		Dog team	1	Jeep club	
Ski patrol	5	Horse team		Fire Service	48
Law Enforcement	2,152	Sheriff's SAR	24	State Agency	16
Other					
<b>Total Paid Hours</b>	<b>2,680</b>				

**HOURS OF VOLUNTEER WORK**

CAP	111	Divers		BLM	
Forest Service	6	Other Feds		Explorers	
Mt Rescue		Dog team	223	Jeep club	
Ski patrol		Horse team	138	Fire Service	
Law Enforcement	1	Sheriff's SAR	24,392	State Agency	1
Other	24	Amateur radio	221		
<b>Total Volunteer Hours</b>	<b>25,115</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$0.00</b>						

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>				<b>MILES</b>	
Helicopter	5			Helicopter	10
Military Helicopter	10			Military Helicopter	
Plane				Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV				ATV	
Motorcycle				Motorcycle	
Boat	2			Boat	
Four-Wheel drive		<b>Total Transportation Hours</b>	<b>17</b>	Four-Wheel drive	26,378
Specialized vehicles		<b>Total Transportation Miles</b>	<b>33,556</b>	Specialized vehicles	
Two-Wheel drive				Two-Wheel drive	1,971
Other equipment				Other equipment	5,197

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	1,096	Sheriff's SAR	6	State Agency	8
Other					
<b>Total Paid Hours</b>	<b>1,110</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	2,939
Mt Rescue	4,821	Dog team	604	Jeep club	843
Ski patrol	79	Horse team	87	Fire Service	69
Law Enforcement	1	Sheriff's SAR	11	State Agency	
Other	16	Amateur radio			
<b>Total Volunteer Hours</b>	<b>9,468</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$1,233.34	Fuel	\$0.00	Lodging	\$0.00	Other	\$13,751.23
<b>Total Cost</b>	<b>\$14,984.57</b>						

Totals for transportation use and work hours

**TRANSPORTATION**

HOURS		MILES
Helicopter		Helicopter
Military Helicopter		Military Helicopter
Plane		Plane
Military Plane		Military Plane
Snowmobile		Snowmobile
Snowcat		Snowcat
ATV		ATV
Motorcycle		Motorcycle
Boat		Boat
Four-Wheel drive		Four-Wheel drive
Specialized vehicles		Specialized vehicles
Two-Wheel drive		Two-Wheel drive
Other equipment		Other equipment
	<b>Total Transportation Hours</b>	
	<b>Total Transportation Miles</b>	

**HOURS OF PAID WORK**

CAP	Divers	BLM
Forest Service	Other Feds	Explorers
Mt Rescue	Dog team	Jeep club
Ski patrol	Horse team	Fire Service
Law Enforcement	Sheriff's SAR	State Agency
Other		
5		
<b>Total Paid Hours</b>	<b>5</b>	

**HOURS OF VOLUNTEER WORK**

CAP	Divers	BLM
Forest Service	Other Feds	Explorers
Mt Rescue	Dog team	Jeep club
Ski patrol	Horse team	Fire Service
Law Enforcement	Sheriff's SAR	State Agency
Other	Amateur radio	
	4	5
	24	
<b>Total Volunteer Hours</b>	<b>33</b>	

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$0.00</b>						

## Totals for transportation use and work hours

**TRANSPORTATION**

HOURS		MILES	
Helicopter		Helicopter	
Military Helicopter		Military Helicopter	
Plane	7	Plane	40
Military Plane		Military Plane	
Snowmobile		Snowmobile	
Snowcat		Snowcat	
ATV		ATV	
Motorcycle		Motorcycle	
Boat		Boat	
Four-Wheel drive	8	Four-Wheel drive	
Specialized vehicles		Specialized vehicles	
Two-Wheel drive		Two-Wheel drive	
Other equipment		Other equipment	
		<b>Total Transportation Hours</b>	<b>15</b>
		<b>Total Transportation Miles</b>	<b>40</b>

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	65	Sheriff's SAR		State Agency	3
Other					
		<b>Total Paid Hours</b>	<b>68</b>		

**HOURS OF VOLUNTEER WORK**

CAP	80	Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement		Sheriff's SAR	14	State Agency	
Other		Amateur radio			
		<b>Total Volunteer Hours</b>	<b>94</b>		

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$190.00	Lodging	\$0.00	Other	\$0.00
		<b>Total Cost</b>	<b>\$190.00</b>				

Totals for transportation use and work hours

## TRANSPORTATION

HOURS			MILES	
Helicopter			Helicopter	
Military Helicopter			Military Helicopter	
Plane			Plane	
Military Plane			Military Plane	
Snowmobile			Snowmobile	
Snowcat			Snowcat	
ATV			ATV	
Motorcycle			Motorcycle	
Boat			Boat	
Four-Wheel drive		<b>Total Transportation Hours</b>	Four-Wheel drive	
Specialized vehicles		<b>Total Transportation Miles</b>	Specialized vehicles	
Two-Wheel drive			Two-Wheel drive	
Other equipment			Other equipment	

## HOURS OF PAID WORK

CAP	Divers	BLM
Forest Service	Other Feds	Explorers
Mt Rescue	Dog team	Jeep club
Ski patrol	Horse team	Fire Service
Law Enforcement	Sheriff's SAR	State Agency
Other		
<b>Total Paid Hours</b>		

## HOURS OF VOLUNTEER WORK

CAP	Divers	BLM
Forest Service	Other Feds	Explorers
Mt Rescue	Dog team	Jeep club
Ski patrol	Horse team	Fire Service
Law Enforcement	Sheriff's SAR	State Agency
Other	Amateur radio	
<b>Total Volunteer Hours</b>		

## UNBUDGETED COSTS FOR SEARCH AND RESCUE

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>		<b>\$0.00</b>					

## Totals for transportation use and work hours

**TRANSPORTATION**

HOURS				MILES	
Helicopter	6			Helicopter	
Military Helicopter	6			Military Helicopter	
Plane	36			Plane	
Military Plane				Military Plane	
Snowmobile	6			Snowmobile	
Snowcat	24			Snowcat	
ATV	5			ATV	
Motorcycle				Motorcycle	
Boat	5			Boat	
Four-Wheel drive	33	<b>Total Transportation Hours</b>	<b>189</b>	Four-Wheel drive	2,339
Specialized vehicles	62	<b>Total Transportation Miles</b>	<b>3,449</b>	Specialized vehicles	720
Two-Wheel drive	6			Two-Wheel drive	390
Other equipment	2			Other equipment	

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service	21	Other Feds	35	Explorers	
Mt Rescue	90	Dog team		Jeep club	
Ski patrol	27	Horse team		Fire Service	34
Law Enforcement	509	Sheriff's SAR	17	State Agency	4
Other	6				
<b>Total Paid Hours</b>	<b>742</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue	1,183	Dog team		Jeep club	
Ski patrol	12	Horse team		Fire Service	71
Law Enforcement	28	Sheriff's SAR	37	State Agency	
Other	6	Amateur radio			
<b>Total Volunteer Hours</b>	<b>1,336</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$0.00</b>						

## Totals for transportation use and work hours

**TRANSPORTATION**

HOURS				MILES	
Helicopter	28			Helicopter	
Military Helicopter	32			Military Helicopter	
Plane	18			Plane	
Military Plane				Military Plane	
Snowmobile	14			Snowmobile	
Snowcat	15			Snowcat	
ATV	121			ATV	
Motorcycle				Motorcycle	
Boat	35			Boat	
Four-Wheel drive		<b>Total Transportation Hours</b>	<b>730</b>	Four-Wheel drive	45,114
Specialized vehicles	468	<b>Total Transportation Miles</b>	<b>143,976</b>	Specialized vehicles	4,320
Two-Wheel drive				Two-Wheel drive	
Other equipment				Other equipment	94,542

**HOURS OF PAID WORK**

CAP		Divers	38	BLM	
Forest Service	12	Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	161	Sheriff's SAR	1,061	State Agency	13
Other	183				
<b>Total Paid Hours</b>	<b>1,468</b>				

**HOURS OF VOLUNTEER WORK**

CAP	65	Divers	122	BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team	2,588	Jeep club	136
Ski patrol		Horse team	157	Fire Service	
Law Enforcement	18	Sheriff's SAR	12,037	State Agency	
Other	182	Amateur radio			
<b>Total Volunteer Hours</b>	<b>15,304</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$2,452.01	Fuel	\$2,172.61	Lodging	\$366.78	Other	\$34,889.42
<b>Total Cost</b>	<b>\$39,880.82</b>						



Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>				<b>MILES</b>	
Helicopter	2			Helicopter	
Military Helicopter				Military Helicopter	
Plane				Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV	16			ATV	
Motorcycle				Motorcycle	
Boat				Boat	
Four-Wheel drive	67	<b>Total Transportation Hours</b>	<b>105</b>	Four-Wheel drive	150
Specialized vehicles		<b>Total Transportation Miles</b>	<b>150</b>	Specialized vehicles	
Two-Wheel drive				Two-Wheel drive	
Other equipment	20			Other equipment	

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service	3	Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	88	Sheriff's SAR		State Agency	
Other					
<b>Total Paid Hours</b>	<b>91</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement		Sheriff's SAR	152	State Agency	
Other	32	Amateur radio			
<b>Total Volunteer Hours</b>	<b>184</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$502.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$502.00</b>						

Totals for transportation use and work hours

## TRANSPORTATION

HOURS		MILES	
Helicopter		Helicopter	
Military Helicopter		Military Helicopter	
Plane	1	Plane	
Military Plane		Military Plane	
Snowmobile		Snowmobile	
Snowcat		Snowcat	
ATV		ATV	
Motorcycle		Motorcycle	
Boat		Boat	
Four-Wheel drive		Four-Wheel drive	
Specialized vehicles		Specialized vehicles	
Two-Wheel drive		Two-Wheel drive	
Other equipment		Other equipment	
<b>Total Transportation Hours</b>		1	
<b>Total Transportation Miles</b>			

## HOURS OF PAID WORK

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement		Sheriff's SAR		State Agency	1
Other					
<b>Total Paid Hours</b>		1			

## HOURS OF VOLUNTEER WORK

CAP	20	Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement		Sheriff's SAR		State Agency	
Other		Amateur radio			
<b>Total Volunteer Hours</b>		20			

## UNBUDGETED COSTS FOR SEARCH AND RESCUE

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>		<b>\$0.00</b>					

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>				<b>MILES</b>	
Helicopter	2			Helicopter	
Military Helicopter				Military Helicopter	
Plane				Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	24
Snowcat				Snowcat	
ATV				ATV	
Motorcycle				Motorcycle	
Boat	3			Boat	
Four-Wheel drive		<b>Total Transportation Hours</b>	<b>11</b>	Four-Wheel drive	4,033
Specialized vehicles		<b>Total Transportation Miles</b>	<b>4,287</b>	Specialized vehicles	
Two-Wheel drive				Two-Wheel drive	160
Other equipment	6			Other equipment	70

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service	6	Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	308	Sheriff's SAR	3	State Agency	4
Other					
<b>Total Paid Hours</b>	<b>320</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers	75	BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	17	Sheriff's SAR	1,198	State Agency	
Other		Amateur radio			
<b>Total Volunteer Hours</b>	<b>1,290</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$0.00</b>						

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>		<b>MILES</b>
Helicopter		Helicopter
Military Helicopter		Military Helicopter
Plane	8	Plane
Military Plane		Military Plane
Snowmobile		Snowmobile
Snowcat		Snowcat
ATV		ATV
Motorcycle		Motorcycle
Boat		Boat
Four-Wheel drive		Four-Wheel drive
Specialized vehicles		Specialized vehicles
Two-Wheel drive		Two-Wheel drive
Other equipment		Other equipment
<b>Total Transportation Hours</b>		<b>8</b>
<b>Total Transportation Miles</b>		

**HOURS OF PAID WORK**

CAP	Divers	BLM	
Forest Service	Other Feds	Explorers	
Mt Rescue	Dog team	Jeep club	
Ski patrol	Horse team	Fire Service	
Law Enforcement	Sheriff's SAR	State Agency	5
Other			
<b>Total Paid Hours</b>			<b>5</b>

**HOURS OF VOLUNTEER WORK**

CAP	50	Divers	BLM
Forest Service		Other Feds	Explorers
Mt Rescue		Dog team	Jeep club
Ski patrol		Horse team	Fire Service
Law Enforcement		Sheriff's SAR	State Agency
Other		Amateur radio	
<b>Total Volunteer Hours</b>			<b>50</b>

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>		<b>\$0.00</b>					

## Totals for transportation use and work hours

**TRANSPORTATION**

HOURS				MILES	
Helicopter	1			Helicopter	
Military Helicopter	17			Military Helicopter	
Plane				Plane	
Military Plane				Military Plane	
Snowmobile	4			Snowmobile	
Snowcat				Snowcat	
ATV	28			ATV	
Motorcycle				Motorcycle	
Boat	43			Boat	1
Four-Wheel drive		<b>Total Transportation Hours</b>	<b>93</b>	Four-Wheel drive	20,445
Specialized vehicles		<b>Total Transportation Miles</b>	<b>21,251</b>	Specialized vehicles	83
Two-Wheel drive				Two-Wheel drive	722
Other equipment				Other equipment	

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service	11	Other Feds	84	Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	185
Law Enforcement	395	Sheriff's SAR	314	State Agency	75
Other					
<b>Total Paid Hours</b>	<b>1,063</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers	745	BLM	
Forest Service		Other Feds		Explorers	4,657
Mt Rescue	3,597	Dog team	1,986	Jeep club	850
Ski patrol		Horse team	2,322	Fire Service	173
Law Enforcement	23	Sheriff's SAR	1,553	State Agency	
Other	5,768	Amateur radio	1,485		
<b>Total Volunteer Hours</b>	<b>23,157</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$459.76	Fuel	\$279.54	Lodging	\$0.00	Other	\$95.66
<b>Total Cost</b>	<b>\$834.96</b>						

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>				<b>MILES</b>
Helicopter	6			Helicopter
Military Helicopter	2			Military Helicopter
Plane				Plane
Military Plane				Military Plane
Snowmobile				Snowmobile
Snowcat				Snowcat
ATV				ATV
Motorcycle				Motorcycle
Boat	6			Boat
Four-Wheel drive	11	<b>Total Transportation Hours</b>	<b>27</b>	Four-Wheel drive
Specialized vehicles		<b>Total Transportation Miles</b>		Specialized vehicles
Two-Wheel drive	2			Two-Wheel drive
Other equipment				Other equipment

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	46
Law Enforcement	261	Sheriff's SAR		State Agency	2
Other					
<b>Total Paid Hours</b>		<b>309</b>			

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	36
Law Enforcement		Sheriff's SAR	231	State Agency	
Other		Amateur radio			
<b>Total Volunteer Hours</b>		<b>267</b>			

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$50.00
<b>Total Cost</b>		<b>\$50.00</b>					

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>				<b>MILES</b>
Helicopter				Helicopter
Military Helicopter	1			Military Helicopter
Plane				Plane
Military Plane				Military Plane
Snowmobile	2			Snowmobile
Snowcat				Snowcat
ATV				ATV
Motorcycle				Motorcycle
Boat				Boat
Four-Wheel drive	46	<b>Total Transportation Hours</b>	<b>49</b>	Four-Wheel drive
Specialized vehicles		<b>Total Transportation Miles</b>		Specialized vehicles
Two-Wheel drive				Two-Wheel drive
Other equipment				Other equipment

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	103	Sheriff's SAR	16	State Agency	1
Other					
<b>Total Paid Hours</b>			<b>119</b>		

**HOURS OF VOLUNTEER WORK**

CAP		Divers	2	BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team	12	Fire Service	
Law Enforcement		Sheriff's SAR	116	State Agency	
Other	5	Amateur radio			
<b>Total Volunteer Hours</b>			<b>135</b>		

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>		<b>\$0.00</b>					

## Totals for transportation use and work hours

**TRANSPORTATION**

HOURS				MILES	
Helicopter				Helicopter	
Military Helicopter				Military Helicopter	
Plane				Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV	14			ATV	
Motorcycle				Motorcycle	
Boat	6			Boat	
Four-Wheel drive	28	<b>Total Transportation Hours</b>	<b>48</b>	Four-Wheel drive	184
Specialized vehicles		<b>Total Transportation Miles</b>	<b>184</b>	Specialized vehicles	
Two-Wheel drive				Two-Wheel drive	
Other equipment				Other equipment	

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	6
Law Enforcement	34	Sheriff's SAR		State Agency	1
Other					
<b>Total Paid Hours</b>	<b>41</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	10	Sheriff's SAR	274	State Agency	
Other	4	Amateur radio			
<b>Total Volunteer Hours</b>	<b>288</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$0.00</b>						



## Totals for transportation use and work hours

**TRANSPORTATION**

HOURS				MILES	
Helicopter				Helicopter	
Military Helicopter	10			Military Helicopter	
Plane				Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV	18			ATV	
Motorcycle				Motorcycle	
Boat				Boat	
Four-Wheel drive	60	<b>Total Transportation Hours</b>	<b>89</b>	Four-Wheel drive	18,757
Specialized vehicles		<b>Total Transportation Miles</b>	<b>18,757</b>	Specialized vehicles	
Two-Wheel drive	2			Two-Wheel drive	
Other equipment				Other equipment	

**HOURS OF PAID WORK**

CAP		Divers		BLM	4
Forest Service	6	Other Feds	6	Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	15
Law Enforcement	183	Sheriff's SAR	100	State Agency	8
Other					
<b>Total Paid Hours</b>	<b>322</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team	24	Jeep club	265
Ski patrol		Horse team	18	Fire Service	25
Law Enforcement	4	Sheriff's SAR	8,023	State Agency	
Other		Amateur radio			
<b>Total Volunteer Hours</b>	<b>8,358</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$550.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$550.00</b>						

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>		<b>MILES</b>	
Helicopter		Helicopter	
Military Helicopter		Military Helicopter	
Plane		Plane	
Military Plane		Military Plane	
Snowmobile		Snowmobile	
Snowcat		Snowcat	
ATV		ATV	
Motorcycle		Motorcycle	
Boat		Boat	
Four-Wheel drive		Four-Wheel drive	45
Specialized vehicles		Specialized vehicles	
Two-Wheel drive		Two-Wheel drive	20
Other equipment		Other equipment	
<b>Total Transportation Hours</b>			
<b>Total Transportation Miles</b>		<b>65</b>	

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	3	Sheriff's SAR		State Agency	
Other					
<b>Total Paid Hours</b>		<b>3</b>			

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement		Sheriff's SAR		State Agency	
Other		Amateur radio			
<b>Total Volunteer Hours</b>					

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>		<b>\$0.00</b>					

## Totals for transportation use and work hours

**TRANSPORTATION**

HOURS				MILES	
Helicopter	2			Helicopter	
Military Helicopter	2			Military Helicopter	
Plane	17			Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV	6			ATV	
Motorcycle	6			Motorcycle	
Boat	149			Boat	
Four-Wheel drive	5	<b>Total Transportation Hours</b>	<b>285</b>	Four-Wheel drive	10,549
Specialized vehicles	2	<b>Total Transportation Miles</b>	<b>20,586</b>	Specialized vehicles	1,618
Two-Wheel drive	96			Two-Wheel drive	8,289
Other equipment				Other equipment	130

**HOURS OF PAID WORK**

CAP		Divers	797	BLM	
Forest Service	12	Other Feds	36	Explorers	
Mt Rescue		Dog team	6	Jeep club	
Ski patrol		Horse team	4	Fire Service	423
Law Enforcement	957	Sheriff's SAR	771	State Agency	9
Other	12				
<b>Total Paid Hours</b>	<b>3,027</b>				

**HOURS OF VOLUNTEER WORK**

CAP	30	Divers	90	BLM	
Forest Service		Other Feds	4	Explorers	
Mt Rescue	362	Dog team	191	Jeep club	
Ski patrol		Horse team		Fire Service	32
Law Enforcement	14	Sheriff's SAR	17,186	State Agency	
Other	13	Amateur radio	403		
<b>Total Volunteer Hours</b>	<b>18,324</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$459.06	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$459.06</b>						

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>				<b>MILES</b>	
Helicopter				Helicopter	
Military Helicopter				Military Helicopter	
Plane				Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV				ATV	
Motorcycle				Motorcycle	
Boat				Boat	
Four-Wheel drive	64	<b>Total Transportation Hours</b>	<b>64</b>	Four-Wheel drive	20
Specialized vehicles		<b>Total Transportation Miles</b>	<b>20</b>	Specialized vehicles	
Two-Wheel drive				Two-Wheel drive	
Other equipment				Other equipment	

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	2	Sheriff's SAR	36	State Agency	
Other					
<b>Total Paid Hours</b>	<b>38</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement		Sheriff's SAR	122	State Agency	
Other		Amateur radio			
<b>Total Volunteer Hours</b>	<b>122</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$160.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$160.00</b>						

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>		<b>TRANSPORTATION</b>	<b>MILES</b>	
Helicopter			Helicopter	
Military Helicopter			Military Helicopter	
Plane			Plane	
Military Plane			Military Plane	
Snowmobile			Snowmobile	
Snowcat			Snowcat	
ATV			ATV	
Motorcycle			Motorcycle	
Boat			Boat	
Four-Wheel drive		<b>Total Transportation Hours</b>	Four-Wheel drive	
Specialized vehicles		<b>Total Transportation Miles</b>	Specialized vehicles	
Two-Wheel drive			Two-Wheel drive	
Other equipment			Other equipment	

**HOURS OF PAID WORK**

CAP	Divers	BLM
Forest Service	Other Feds	Explorers
Mt Rescue	Dog team	Jeep club
Ski patrol	Horse team	Fire Service
Law Enforcement	Sheriff's SAR	State Agency
Other		
<b>Total Paid Hours</b>		

**HOURS OF VOLUNTEER WORK**

CAP	Divers	BLM
Forest Service	Other Feds	Explorers
Mt Rescue	Dog team	Jeep club
Ski patrol	Horse team	Fire Service
Law Enforcement	Sheriff's SAR	State Agency
Other	Amateur radio	
<b>Total Volunteer Hours</b>		

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>		<b>\$0.00</b>					

## Totals for transportation use and work hours

**TRANSPORTATION**

HOURS				MILES	
Helicopter	4			Helicopter	
Military Helicopter	27			Military Helicopter	
Plane				Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV				ATV	
Motorcycle				Motorcycle	
Boat	10			Boat	
Four-Wheel drive	1,242	<b>Total Transportation Hours</b>	<b>1,663</b>	Four-Wheel drive	
Specialized vehicles		<b>Total Transportation Miles</b>	<b>175</b>	Specialized vehicles	
Two-Wheel drive	380			Two-Wheel drive	175
Other equipment				Other equipment	

**HOURS OF PAID WORK**

CAP		Divers	12	BLM	
Forest Service		Other Feds	10	Explorers	
Mt Rescue		Dog team		Jeep club	126
Ski patrol		Horse team		Fire Service	
Law Enforcement	694	Sheriff's SAR	1,560	State Agency	156
Other					
<b>Total Paid Hours</b>	<b>2,558</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers	12	BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	40
Ski patrol		Horse team		Fire Service	99
Law Enforcement		Sheriff's SAR	3,416	State Agency	
Other		Amateur radio			
<b>Total Volunteer Hours</b>	<b>3,567</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$2,500.00	Fuel	\$4,500.00	Lodging	\$0.00	Other	\$800.00
<b>Total Cost</b>	<b>\$7,800.00</b>						

## Totals for transportation use and work hours

**TRANSPORTATION**

HOURS				MILES	
Helicopter				Helicopter	
Military Helicopter	7			Military Helicopter	
Plane				Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV				ATV	
Motorcycle				Motorcycle	
Boat	30			Boat	
Four-Wheel drive	14	<b>Total Transportation Hours</b>	<b>51</b>	Four-Wheel drive	3,143
Specialized vehicles		<b>Total Transportation Miles</b>	<b>3,143</b>	Specialized vehicles	
Two-Wheel drive				Two-Wheel drive	
Other equipment				Other equipment	

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service	25	Other Feds	6	Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	77	Sheriff's SAR	101	State Agency	3
Other	16				
<b>Total Paid Hours</b>	<b>227</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement		Sheriff's SAR	384	State Agency	
Other	167	Amateur radio			
<b>Total Volunteer Hours</b>	<b>551</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$546.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>		<b>\$546.00</b>					

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>				<b>MILES</b>	
Helicopter				Helicopter	
Military Helicopter				Military Helicopter	
Plane	9			Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV				ATV	191
Motorcycle				Motorcycle	
Boat				Boat	
Four-Wheel drive	3	<b>Total Transportation Hours</b>	<b>12</b>	Four-Wheel drive	2,986
Specialized vehicles		<b>Total Transportation Miles</b>	<b>5,610</b>	Specialized vehicles	
Two-Wheel drive				Two-Wheel drive	2,433
Other equipment				Other equipment	

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	126	Sheriff's SAR	7	State Agency	1
Other					
<b>Total Paid Hours</b>	<b>134</b>				

**HOURS OF VOLUNTEER WORK**

CAP	80	Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement		Sheriff's SAR	1,330	State Agency	
Other		Amateur radio			
<b>Total Volunteer Hours</b>	<b>1,410</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$150.00	Fuel	\$160.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$310.00</b>						



Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>				<b>MILES</b>	
Helicopter				Helicopter	
Military Helicopter	5			Military Helicopter	
Plane				Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV	6			ATV	
Motorcycle				Motorcycle	
Boat				Boat	
Four-Wheel drive	23	<b>Total Transportation Hours</b>	<b>44</b>	Four-Wheel drive	1,345
Specialized vehicles		<b>Total Transportation Miles</b>	<b>1,505</b>	Specialized vehicles	160
Two-Wheel drive				Two-Wheel drive	
Other equipment	10			Other equipment	

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	9	Sheriff's SAR		State Agency	3
Other	16				
<b>Total Paid Hours</b>	<b>28</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team	22	Jeep club	
Ski patrol		Horse team	10	Fire Service	
Law Enforcement		Sheriff's SAR	83	State Agency	
Other	115	Amateur radio			
<b>Total Volunteer Hours</b>	<b>230</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$0.00</b>						

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>				<b>MILES</b>
Helicopter				Helicopter
Military Helicopter	4			Military Helicopter
Plane	3			Plane
Military Plane				Military Plane
Snowmobile				Snowmobile
Snowcat				Snowcat
ATV	19			ATV
Motorcycle				Motorcycle
Boat				Boat
Four-Wheel drive	30	<b>Total Transportation Hours</b>	<b>115</b>	Four-Wheel drive
Specialized vehicles		<b>Total Transportation Miles</b>		Specialized vehicles
Two-Wheel drive	59			Two-Wheel drive
Other equipment				Other equipment

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service	124	Other Feds	89	Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	386	Sheriff's SAR	4	State Agency	7
Other					
<b>Total Paid Hours</b>	<b>609</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	543
Mt Rescue		Dog team	340	Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement		Sheriff's SAR	257	State Agency	
Other	251	Amateur radio	222		
<b>Total Volunteer Hours</b>	<b>1,612</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$0.00</b>						

## Totals for transportation use and work hours

**TRANSPORTATION**

HOURS				MILES	
Helicopter				Helicopter	
Military Helicopter				Military Helicopter	
Plane				Plane	
Military Plane				Military Plane	
Snowmobile				Snowmobile	
Snowcat				Snowcat	
ATV	5			ATV	
Motorcycle				Motorcycle	
Boat				Boat	
Four-Wheel drive	7	<b>Total Transportation Hours</b>	<b>12</b>	Four-Wheel drive	
Specialized vehicles		<b>Total Transportation Miles</b>		Specialized vehicles	
Two-Wheel drive				Two-Wheel drive	
Other equipment				Other equipment	

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service	2	Other Feds		Explorers	
Mt Rescue		Dog team	4	Jeep club	
Ski patrol		Horse team	16	Fire Service	
Law Enforcement	413	Sheriff's SAR	316	State Agency	1
Other					
<b>Total Paid Hours</b>	<b>751</b>				

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	36
Mt Rescue		Dog team	46	Jeep club	6
Ski patrol		Horse team		Fire Service	
Law Enforcement		Sheriff's SAR	422	State Agency	
Other	267	Amateur radio	63		
<b>Total Volunteer Hours</b>	<b>840</b>				

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$1,022.74	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>	<b>\$1,022.74</b>						

Totals for transportation use and work hours

**TRANSPORTATION**

<b>HOURS</b>		<b>MILES</b>	
Helicopter		Helicopter	
Military Helicopter		Military Helicopter	
Plane		Plane	
Military Plane		Military Plane	
Snowmobile		Snowmobile	
Snowcat		Snowcat	
ATV		ATV	
Motorcycle		Motorcycle	
Boat		Boat	
Four-Wheel drive		Four-Wheel drive	2,977
Specialized vehicles		Specialized vehicles	
Two-Wheel drive		Two-Wheel drive	
Other equipment		Other equipment	
<b>Total Transportation Hours</b>			
		<b>Total Transportation Miles</b>	<b>2,977</b>

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement	7	Sheriff's SAR	4	State Agency	
Other					
<b>Total Paid Hours</b>		<b>11</b>			

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	
Law Enforcement		Sheriff's SAR	334	State Agency	
Other		Amateur radio			
<b>Total Volunteer Hours</b>		<b>334</b>			

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$0.00	Fuel	\$25.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>		<b>\$25.00</b>					

## Totals for transportation use and work hours

**TRANSPORTATION**

HOURS		MILES	
Helicopter	3	Helicopter	
Military Helicopter		Military Helicopter	
Plane		Plane	
Military Plane		Military Plane	
Snowmobile		Snowmobile	
Snowcat		Snowcat	
ATV	15	ATV	
Motorcycle		Motorcycle	
Boat		Boat	
Four-Wheel drive		Four-Wheel drive	2,750
Specialized vehicles		Specialized vehicles	150
Two-Wheel drive		Two-Wheel drive	
Other equipment		Other equipment	
<b>Total Transportation Hours</b>		<b>18</b>	
<b>Total Transportation Miles</b>		<b>2,900</b>	

**HOURS OF PAID WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team		Jeep club	
Ski patrol		Horse team		Fire Service	16
Law Enforcement	168	Sheriff's SAR		State Agency	2
Other					
<b>Total Paid Hours</b>		<b>186</b>			

**HOURS OF VOLUNTEER WORK**

CAP		Divers		BLM	
Forest Service		Other Feds		Explorers	
Mt Rescue		Dog team	128	Jeep club	
Ski patrol		Horse team	19	Fire Service	
Law Enforcement	5	Sheriff's SAR	811	State Agency	
Other		Amateur radio	6		
<b>Total Volunteer Hours</b>		<b>969</b>			

**UNBUDGETED COSTS FOR SEARCH AND RESCUE**

Food	\$219.02	Fuel	\$0.00	Lodging	\$0.00	Other	\$0.00
<b>Total Cost</b>		<b>\$219.02</b>					

VER. 7 OREGON EMERGENCY MANAGEMENT VER. 7  
SEARCH AND RESCUE INCIDENT SUMMARY

OEM Number \_\_\_\_\_ County Case Number \_\_\_\_\_ Date of Incident \_\_\_\_\_  
Report prepared by (Name) \_\_\_\_\_ Phone \_\_\_\_\_  
County \_\_\_\_\_

**WAS ASSISTANCE PROVIDED**

- By another Agency, County, or State to you? Which one(s)? \_\_\_\_\_  
 By you to another Agency, County, or State? Which one(s)? \_\_\_\_\_

**SAR INCIDENT TYPE** - What type of incident did this involve?

- This mission involved more than one type of incident  
 Aviation  Beacon searches  False - callout reason \_\_\_\_\_  
 Missing person (land)  Evidence search (land)  Rescue (land)  Body recovery from  
 Missing person (water)  Evidence search (water)  Rescue (water)  land  water  
 Training  Public event  Other water incident  
 Emergency Management (disasters)  Other (specify) \_\_\_\_\_

**SUBJECT ACTIVITY** - What was the subject doing?

- Helicopter  Fixed wing  Other aviation \_\_\_\_\_  Military aircraft?  
 ATV  Motor vehicle - Intentions \_\_\_\_\_  
 Caving  Climbing  Hiking / camping  Horseback riding  
 Government work  Other work  Bicycling  
 Mushroom picker  Other picker  Other forest activity \_\_\_\_\_  
 Fishing  Hunting (game)  Hunting (bird)  
 Cross country skiing  Snowboarding  Snowmobile  Other snow sports  
 Powered watercraft  Non-powered watercraft - What type? \_\_\_\_\_  
 SCUBA / snorkeling  Swimming  Other water activity \_\_\_\_\_  
 Suicide  Wandering  Criminal  Unknown  
 Any other activities \_\_\_\_\_

**SUBJECT DATA AND MISSION RESULTS:** List subjects by age

Age(s): Males \_\_\_\_\_ Age(s): Females \_\_\_\_\_  
 Oregon resident? Home county: \_\_\_\_\_ or Home state: \_\_\_\_\_

**Results:**

Recovered	Condition	Found by		Fitness	
Alive: _____	Well: _____	Self-recovered: _____	SAR dogs: _____	Excellent: _____	Good: _____
Deceased: _____	Injured: _____	Family / friends: _____	Air SAR: _____	Fair: _____	Poor: _____
Missing: _____		Ground SAR: _____	Other: _____	Unk: _____	N/A: _____

Distance traveled on foot from IPP: \_\_\_\_\_ feet  Straight line  Actual **Track offset:** \_\_\_\_\_ feet  
 IPP coordinates: \_\_\_\_\_ Datum: \_\_\_\_\_ Altitude: \_\_\_\_\_ feet  
 Find coordinates: \_\_\_\_\_ Datum: \_\_\_\_\_ Altitude: \_\_\_\_\_ feet

**MENTAL STATE** - Describe the mental status of the subject (if applicable)

For multiple subjects with different status, identify by age and sex: *subject 1* \_\_\_\_\_ *subject 2* \_\_\_\_\_ *subject 3* \_\_\_\_\_  
 <sup>1</sup>  <sup>2</sup>  <sup>3</sup> Alzheimer's  <sup>1</sup>  <sup>2</sup>  <sup>3</sup> Mental illness  <sup>1</sup>  <sup>2</sup>  <sup>3</sup> Autism  <sup>1</sup>  <sup>2</sup>  <sup>3</sup> Mood disorder  
 <sup>1</sup>  <sup>2</sup>  <sup>3</sup> Dementia type  <sup>1</sup>  <sup>2</sup>  <sup>3</sup> Mental handicaps  <sup>1</sup>  <sup>2</sup>  <sup>3</sup> Other mental condition \_\_\_\_\_  
 <sup>1</sup>  <sup>2</sup>  <sup>3</sup> Alcohol  <sup>1</sup>  <sup>2</sup>  <sup>3</sup> Methamphetamine  <sup>1</sup>  <sup>2</sup>  <sup>3</sup> Cocaine  <sup>1</sup>  <sup>2</sup>  <sup>3</sup> Opiate  <sup>1</sup>  <sup>2</sup>  <sup>3</sup> Marijuana  
 <sup>1</sup>  <sup>2</sup>  <sup>3</sup> Hallucinogen  <sup>1</sup>  <sup>2</sup>  <sup>3</sup> Other drug \_\_\_\_\_

**Last seen date:** \_\_\_\_\_ **Overdue date:** \_\_\_\_\_ **Reported date:** \_\_\_\_\_ **Found date:** \_\_\_\_\_  
**Last seen time:** \_\_\_\_\_ **Overdue time:** \_\_\_\_\_ **Reported time:** \_\_\_\_\_ **Found time:** \_\_\_\_\_

**SIGNALING** - What did the subject use?

- ELT  EPIRB  PLB  SPOT  MLU  Cell Phone  Radio  Mirror  
 Fire/smoke  Flare/pyro  Sound (gun, whistle)  Visual (markers, flags)  Project Lifesaver

**LAND USE** - On whose land did the incident initiate?

- Private       County       State       ODF       Parks & Rec.       Native
- Dept. of Interior       USFS       BLM       Other (specify) \_\_\_\_\_

**ENVIRONMENTAL DATA** - Describe the environment of the search area

<b>Population:</b> <input type="checkbox"/> Urban <input type="checkbox"/> Suburban <small>(Choose one)</small> <input type="checkbox"/> Rural <input type="checkbox"/> Wilderness	<b>Terrain:</b> <input type="checkbox"/> Mountains <input type="checkbox"/> Hilly <small>(Choose one)</small> <input type="checkbox"/> Flat <input type="checkbox"/> Water
---	---

**WEATHER** - (Check one only)

- Clear       Partly cloudy       Overcast       Foggy       Drizzle       Showers       Rain
- Hail       Sleet       Flurries       Snow       Blizzard       Smoky       Windy

**SAR ASSETS USED**

**TRANSPORTATION** (Enter **h** (hours) or **m** (miles))

- |   |   |   |
|---|---|---|
| <input type="text"/> h] <input type="text"/> m] Helicopter            | <input type="text"/> h] <input type="text"/> m] Fixed wing            | <input type="text"/> h] <input type="text"/> m] ATVs          |
| <input type="text"/> h] <input type="text"/> m] Helicopter (military) | <input type="text"/> h] <input type="text"/> m] Fixed wing (military) | <input type="text"/> h] <input type="text"/> m] Motorcycle    |
| <input type="text"/> h] <input type="text"/> m] Snowmobile            | <input type="text"/> h] <input type="text"/> m] Snow-Cat              | <input type="text"/> h] <input type="text"/> m] Watercraft    |
| <input type="text"/> h] <input type="text"/> m] 4-wheel drive         | <input type="text"/> h] <input type="text"/> m] Specialized vehicles  | <input type="text"/> h] <input type="text"/> m] 2-wheel drive |
| <input type="text"/> h] <input type="text"/> m] Other _____           |   |   |

**PERSONNEL - PAID** (hours)

- |  |   |                                   |
|--|---|-----------------------------------|
| <input type="text"/> CAP                           | <input type="text"/> Divers                     | <input type="text"/> BLM          |
| <input type="text"/> Forest Service                | <input type="text"/> Federal agency (other)     | <input type="text"/> Explorers    |
| <input type="text"/> Mt. Rescue                    | <input type="text"/> Dog team (dog & handler)   | <input type="text"/> Jeep club    |
| <input type="text"/> Ski patrol                    | <input type="text"/> Horse team (horse & rider) | <input type="text"/> Fire service |
| <input type="text"/> Law enforcement               | <input type="text"/> Sheriff's SAR team         | <input type="text"/> State agency |
| <input type="text"/> Other ground SAR (who?) _____ |   |                                   |

**PERSONNEL - VOLUNTEER** (hours)

- |  |   |                                    |
|--|---|------------------------------------|
| <input type="text"/> CAP                           | <input type="text"/> Divers                     | <input type="text"/> BLM           |
| <input type="text"/> Forest Service                | <input type="text"/> Federal agency (other)     | <input type="text"/> Explorers     |
| <input type="text"/> Mt. Rescue                    | <input type="text"/> Dog team (dog & handler)   | <input type="text"/> Jeep club     |
| <input type="text"/> Ski patrol                    | <input type="text"/> Horse team (horse & rider) | <input type="text"/> Fire service  |
| <input type="text"/> Law enforcement               | <input type="text"/> Sheriff's SAR team         | <input type="text"/> State agency  |
| <input type="text"/> Other ground SAR (who?) _____ |   | <input type="text"/> Amateur radio |

**DIRECT COSTS** - *Non-budgeted* expenses paid during the mission.

- Food       Fuel       Lodging
- Other expenses (describe) \_\_\_\_\_

**NARRATIVE** - briefly describe incident

\_\_\_\_\_

# INSTRUCTIONS

## Search and Rescue Incident Summary - Version 7

Please fill in all information at the top. Check whether another agency assisted you or whether you assisted another agency.

### INCIDENT TYPE

This block indicates what type of incident you responded to. Check the block if more than one type of incident occurred on this mission.

- Aviation** Check this block for all aircraft searches and responses to crashes.
- Beacons** This is for responses to any Electronic Emergency Beacon.
- Missing Person** Any land or water operation where overdue / missing person(s) is the search object.
- Evidence** A land or water search operation where people are **NOT** the search objects.
- Rescue** Any land or water incident where a subject(s) is in a **known** location. This includes injured, non-injured persons, and MEDEVACs. This also includes people trapped or stuck in vehicles. Specify if land or water operation.
- Other water** Mission in water not involving people or evidence, e.g., vehicle recovery.
- Training** Any training or meetings.
- False Incident** Any incident in which no one was ever in distress. All false alerts. Describe the reason for the callout.
- Body recovery** Incidents to recover a deceased person. In other words, removal of a discovered body. This *must be the mission objective* as opposed to an incident where the subject was found deceased.
- E/M** This is when using SAR resources for Emergency Management activities, such as using SAR personnel for disaster response, recovery, or associated efforts.
- Public Event** Using SAR resources in support of public or civic events. Examples include demonstrations of rescue techniques, county fair work, parades, assisting in sport events, etc.
- Other** Other incidents not fitting any of the above categories. Please specify.

### SUBJECT ACTIVITY

This area is to capture information on what people in distress were doing **at the time** they needed assistance. Check the block that best describes your subject's activity at the time of their emergency. Most of these are self-evident. Keep in mind that, as an example, a camper who needs assistance after going for a swim was "swimming" *not* "camping." The following explanations are for those entries subject to misinterpretation. If none of the categories fit, check "Other" and add a description. NOTE: Many types of incidents *do not have a subject activity!* Aviation, missing people, rescues, and water incidents will *always* have an activity. Beacons might have an activity. The rest should not.

- Helicopter, Fixed wing, Other** Check type of aircraft involved. Use only for missing planes and crashes or if an ELT activated *due to a mishap*.
- Military aircraft** Check this block only if the subject aircraft was military.
- Gov. Work** Used for subjects injured or lost while performing a government related occupation.
- Unknown** If the activity was unknown or undetermined.
- Motor vehicle / intentions** Anyone needing assistance in a motor vehicle. After checking motor vehicle, enter the occupant's intentions. For example, the activity of a hunter whose car is stuck in the mud is "motor vehicle" *not* "hunting." That was the person's activity at the time although their intention was hunting. "*Intentions*" should reflect the reason the people were in that location. "*Intentions*" could be MVA, sightseeing, skiing, 4-wheelin', woodcutting, et cetera.

### SUBJECT DATA AND MISSION RESULTS

**Age and gender** Enter the age of the subjects by gender. For example, if three people are the objective (two males aged 9 and 31 and a female aged 29), then enter their ages in the first blocks as follows: Under "Males" enter 9 and 31. Under "Females," enter 29. This method should continue through all the other blocks. To continue our example, "Alive" might have 9 and 29 and under "Remain missing" put 31. In this way, I know the female and child were found but the male was not. The only complication would be if, for example, two subjects, male and female were the same age and differing mission results. In this case, you would have to specify which result goes with which sex.

- Oregon resident?** Check if the subject was a resident. If so, enter their home county. If not, enter the subject's home state.
- Recovered** There are only 3 choices; alive, deceased, or missing. Pick one.
- Condition** Was the subject well or injured?
- Found by** Describe who located the subject or if they self-recovered. **This block can only be used for searches.** In a rescue, the location is already known.
- Fitness** Describe the subject's general physical fitness.
- Distance from IPP** Enter the distance traveled **on foot** from the Initial Planning Point. If multiple subjects traveled significantly different distances, identify distances by their ages. Provide the distance in feet. *Include*



*only the distance walked* (distance traveled by car or plane are meaningless). Check off whether this is the **actual** distance walked or the **straight line** measurement.

#### Track Offset

The track offset is the shortest distance between where the subject is located and the closest linear feature. It does not matter if the subject used that linear feature or not. Linear features would be roads, trails, railroads, power lines, and hydrological features such as a creek, stream, intermittent stream, river, ocean, etc, that has a clear line (it can squiggle) on the map. Enter this figure in feet.

**IPP/Find Coordinates** Enter the coordinates of the IPP and the location the subject was found. Include the datum of your map and the altitude of these two points.

#### MENTAL STATE

You can list up to three separate subjects in this category. If there is more than one subject, identify each subject by age and sex. The mental status of the subject has two groups of information. One group describes various common mental disorders:

**Alzheimer's** Any subject diagnosed with Alzheimer's Syndrome.

**Dementia Type** Any subject with any form of Dementia.

**Mental illness** Any subject diagnosed with a mental illness not covered by the other listed categories. This includes psychotic and anxiety disorders like Schizophrenia, OCD, panic disorders, and phobias.

**Mood Disorders** Any subject diagnosed with mood disorders like depression and bi-polar syndrome.

**Autism** Any subject diagnosed with autism, like autistic, Asperger's, and Rett's disorders, et cetera.

**Mental handicaps** Any subject diagnosed with limiting mental functions. For example, mental retardation, Down, Fragile X, Fetal Alcohol Syndromes, et cetera.

The second group of information identifies any drug use by the subject. Check the drug the subject was using.

**Last seen** Give the date and time that the subject was last seen.

**Overdue** Give the date and time that the subject was considered overdue.

**Reported** Give the date and time you were notified for activation.

**Found** Give the date and time the subject was located.

#### SIGNALING

Check the block in which the subject (not the reporting party) *intentionally* activated or used any of the items listed. An ELT activating due to a plane crash is intentional. Please note that "Sound" does not include the subject's voice, it refers to an artificial sound producing device.

#### LAND USE

*Check only one.* This block describes the land ownership where the incident started. Native lands include all reservations; USFS is US Forest Service; BLM is Bureau of Land Management; ODF is Oregon Department of Forestry; Dept of Interior owns National Parks, Monuments, and Recreation Areas.

#### ENVIRONMENTAL DATA

**Population** (*Check only one*) Urban: high density, city type environment.

Suburban: family homes with lots.

Rural: homes separated by large tracts of land, e.g., farmland.

Wilderness: essentially uninhabited

**Terrain** (*Check only one*): Self-explanatory.

#### WEATHER

*Check only one.* This is the predominant weather condition when the subject is located.

#### SAR ASSETS USED

Enter the hours of use or miles put on the equipment. Most equipment listed is self-explanatory. **Specialized vehicles** is for vans, busses, trucks and any other vehicle that does not fit the other categories. Enter the number of hours, paid and volunteer, accumulated during the incident.

#### DIRECT COSTS

Money spent during the incident in support of the incident. Include **only** unplanned and unexpected costs. Do not include standard budgeted items, salary, and normal equipment costs. Reflect only the actual money spent, not values (\$/mile, \$/hour, etc.) of services or equipment.

#### NARRATIVE

Describe the mission, not the response. In other words, why are you out there? Try to keep this to 3 or 4 sentences.

If you have any questions, comments, suggestions, critiques, or glorious praise of this report, please send them to:

Search and Rescue Coordinator  
Oregon Emergency Management  
P.O. Box 14370  
Salem, OR 97309-5062

You may also contact the State Search and Rescue Coordinator by e-mail at:

**[georges.kleinbaum@state.or.us](mailto:georges.kleinbaum@state.or.us)**