

AFRCC

AIR FORCE RESCUE COORDINATION CENTER

2001 ANNUAL REPORT



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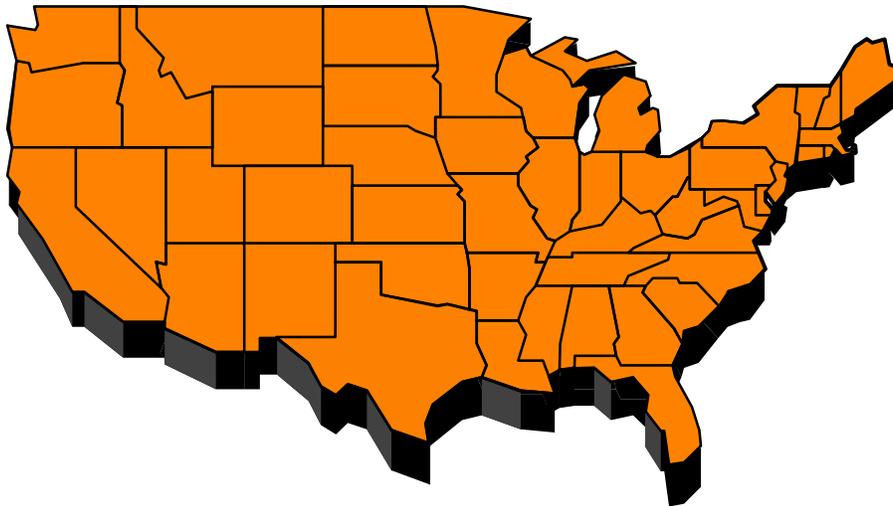


AFRCC Mission Statement:

Continuously building a coordinated Search and Rescue network
ensuring timely, effective lifesaving operations
whenever and wherever needed.

AFRCC CHARTER

In 1956, the National Search and Rescue Plan was published establishing a crucial link between military resources, their unique recovery capabilities, and the civilian sector chartered to respond to those in need. This plan established the United States Air Force as the Executive Agent for Inland Search and Rescue, covering the continental United States, less the major navigable waterways. As of 31 December 2001, over 64,738 search and rescue missions have been performed, resulting in over 13,231 lives saved.





ORGANIZATION



AIR COMBAT COMMAND
DIRECTOR OF AEROSPACE OPERATIONS

ACC/AIR OPERATIONS SQUADRON

AIR FORCE RESCUE COORDINATION CENTER

RESCUE
COORDINATION CENTER

NATIONAL SAR
SCHOOL



Commanders Comments:

On behalf of the men and women of the Air Force Rescue Coordination Center, I would like to thank all of the individuals and organizations who have contributed to the honorable mission of saving lives. We would particularly like to thank the United States Mission Control Center, Civil Air Patrol, the US Coast Guard, and the numerous Flight Service Stations and Air Route Traffic Control Centers around the country. Your teamwork, dedication and hard work ensure the success of our mission now and in the future. This report is a compilation of the incidents and missions handled by the AFRCC during 2001. It also contains historical data from previous years for comparison. It is our hope that you glean as much pride as we do from all the hard work represented by the statistics on the following pages.

“These Things We Do, That Others May Live.”

Lt Col Scott P. Morgan, USAF
Commander, Air Force Rescue Coordination Center

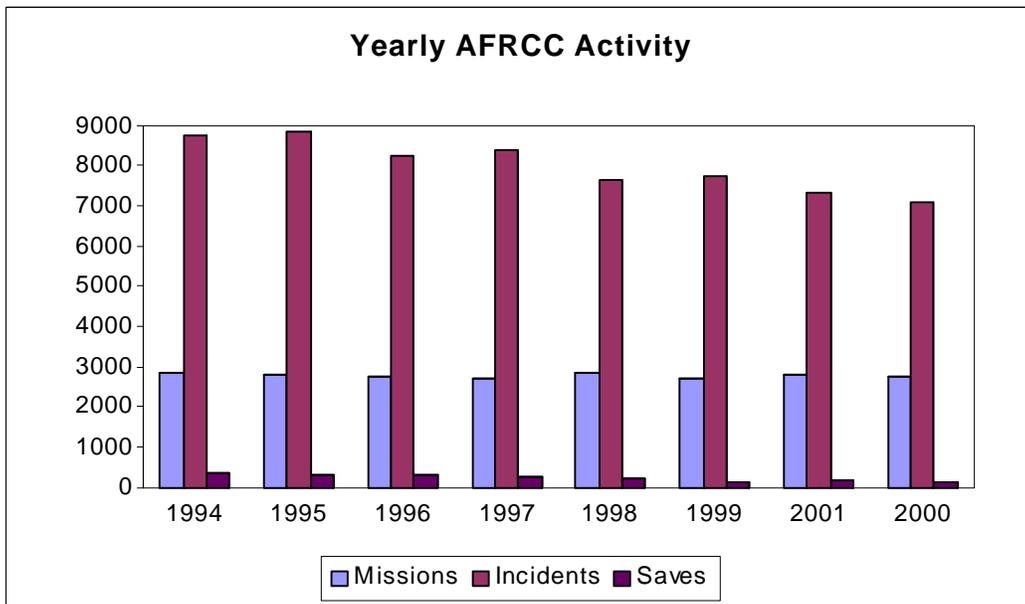
Our yearly activity table shows the total number of missions and incidents the AFRCC has worked over the past eight years. Of the total number of incidents and missions worked, the number of saves accumulated for each year is shown.

MISSIONS: A Search and Rescue event in which a federal asset has been used.

INCIDENTS: A Search and Rescue event prosecuted without using a federal asset.

SAVES: Total number of lives saved for each year.

YEAR	1994	1995	1996	1997	1998	1999	2000	2001
MISSIONS	2825	2815	2734	2699	2851	2719	2739	2814
INCIDENTS	8732	8848	8234	8369	7639	7717	7062	7333
SAVES	346	322	313	237	202	119	129	149



The personnel distribution table depicts the type of missions worked by the AFRCC and the results of any personnel involved in the case.

ASSIST: Objective located and in distress, but not a life-or-death situation.

SELF-RECOVER: Objective was lost, but able to return to a safe location without assistance.

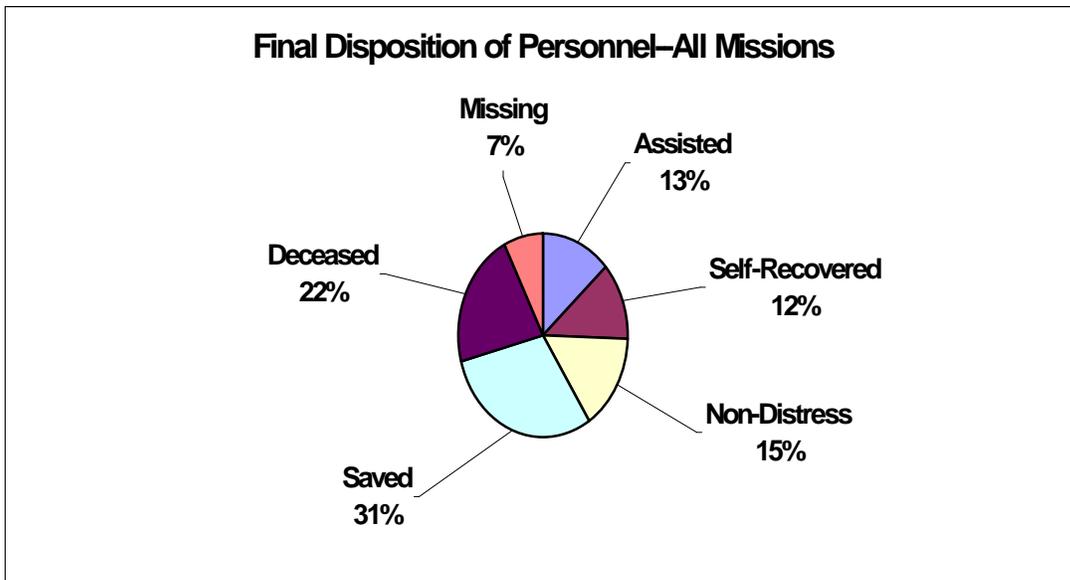
NON-DISTRESS: Objective was located, but not in any imminent danger.

SAVED: Objective was located and in a life-or-death situation.

DECEASED: Self-explanatory.

MISSING: Objective was never located.

STATUS	ACFT	BOAT	ELT	PRECA	MEDEV	MERCY	MSG	RESCUE	VEH	TOTAL
Assisted	5	1	0	0	0	1	48	10	0	65/13%
Self Recover	7	0	3	0	0	0	47	1	1	59/12%
Non-Distress	22	0	2	0	0	0	45	2	3	74/15%
Saved	21	1	2	2	0	7	48	64	0	145/31%
Deceased	59	3	25	0	0	1	14	3	1	106/22%
Missing	15	0	0	0	0	0	18	0	3	36/07%
Totals:	129	5	32	2	0	9	220	80	8	485/100%



This table displays the distribution of AFRCC missions by mission type. It can be noted that a majority of our workload is the prosecution of ELT cases.

AIRCRAFT: Search for a missing or overdue aircraft

BOAT: Search for a missing vessel

ELT: Search for a radio distress beacon

MEDEVAC: Hospital-to-hospital transfer in a life-or-death situation

MERCY: Blood and/or organ transport

MISSING PERSON: Search for missing person or persons

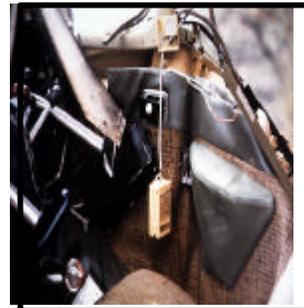
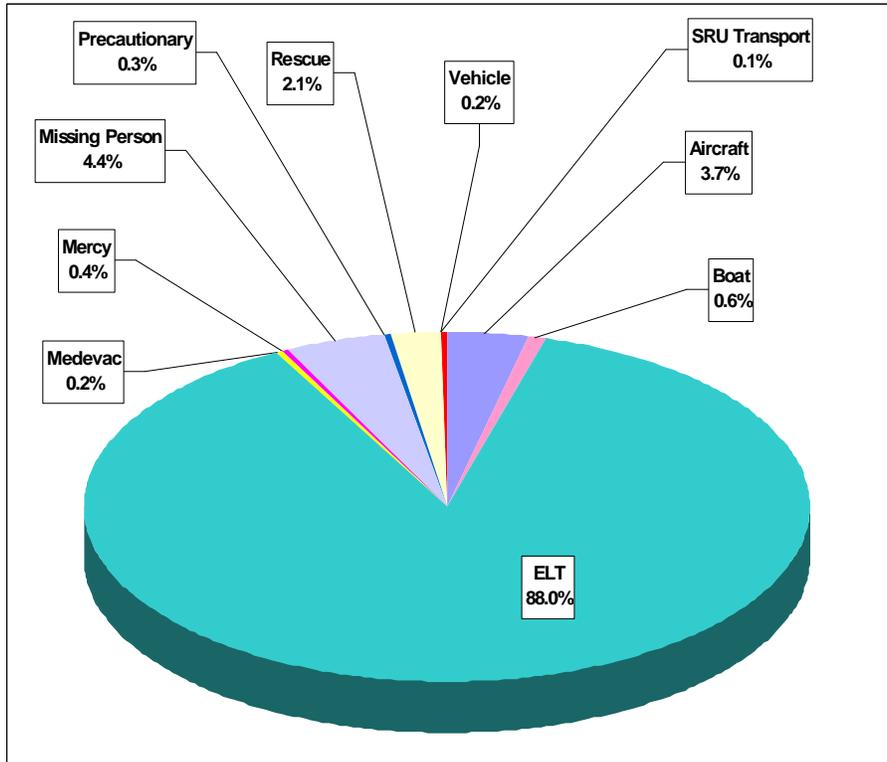
PRECAUTIONARY: Pre-positioning of SAR forces for use during a scheduled activity where the potential for SAR is high

RESCUE: Extraction from a known location

SRU TRANSPORT: Transport of non-federal Search and Rescue Units to a search location when the situation is urgent and needed to save life, limb, or eyesight

VEHICLE: Search for a missing vehicle (to assist in locating a missing person)

MISSION TYPE	MISSIONS	%
AIRCRAFT	104	3.7%
BOAT	18	0.6%
ELT	2475	88.0%
MEDEVAC	6	0.2%
MERCY	10	0.4%
MISSING PERSON	123	4.4%
PRECAUTIONARY	9	0.3%
RESCUE	60	2.1%
SRU TRANSPORT	2	0.1%
VEHICLE	7	0.2%
TOTAL	2814	100%



2001 AFRCC MONTHLY MISSION ACTIVITY

TABLE 4

Table 4 shows the mission workload for the AFRCC by month.

<u>MONTH</u>	<u>ACFT</u>	<u>BOAT</u>	<u>ELT</u>	<u>MEDEV</u>	<u>MERCY</u>	<u>MSG</u>	<u>PRECA</u>	<u>RESC</u>	<u>SRUTPT</u>	<u>VEH</u>	<u>TOTAL</u>
Jan	6	2	174	0	0	2	0	1	0	0	185
Feb	10	0	169	0	1	4	0	5	0	0	189
Mar	8	2	225	0	0	11	2	7	0	1	256
Apr	9	1	212	0	1	13	1	5	0	0	242
May	9	2	230	0	0	9	1	9	0	1	261
Jun	11	7	262	2	1	14	0	8	0	0	305
Jul	7	0	267	0	1	10	1	7	0	1	294
Aug	5	0	217	0	1	13	1	9	1	1	249
Sep	6	1	215	0	2	9	0	2	0	0	235
Oct	12	2	183	1	1	16	1	2	1	0	218
Nov	11	1	159	2	1	16	1	2	0	2	195
Dec	10	0	162	1	1	6	1	3	0	1	185
Totals	104	18	2475	6	10	123	9	60	2	7	2814



Table 5 shows 2001 aircraft missions displayed by flying time, sorties, number of aircraft, and number of missions by type.

TYPE MISSION	HOURS	SORTIES	ACFT	MISSIONS
AIRCRAFT	5798.30	2362	1272	104
BOAT	41.20	17	16	18
ELT	2544.97	1312	1109	2475
MEDEVAC	7.50	9	4	6
MERCY	37.00	24	12	10
MSG PER	637.64	301	169	123
PRECAUTIONARY	127.20	72	38	9
RESCUE	252.20	112	72	60
SRU TRANSPORT	15.80	6	4	2
VEHICLE	126.00	52	29	7
TOTALS	9,587.81	4267	2725	2814



Table 6 shows the case results of the ELT/EPIRB missions prosecuted for the year. Note: a majority of the cases involved non-distress events.

CEASED: ELT/EPIRB signal stopped before being located.

DISTRESS: Objective of the search is the beacon; however, it was determined at time of location that the signal was activated due to an aircraft crash or a vessel sinking.

NON-DISTRESS: Objective of the search is the beacon; however, it was determined at time of location that the signal was caused by a malfunction, mishandling, battery failure, accidental activation, hard landings, or a reason other than a crash.

CEASED	841	33.9%
DISTRESS	8	2.1%
NON-DISTRESS	1586	64.0%
TOTAL	2475	100.0%

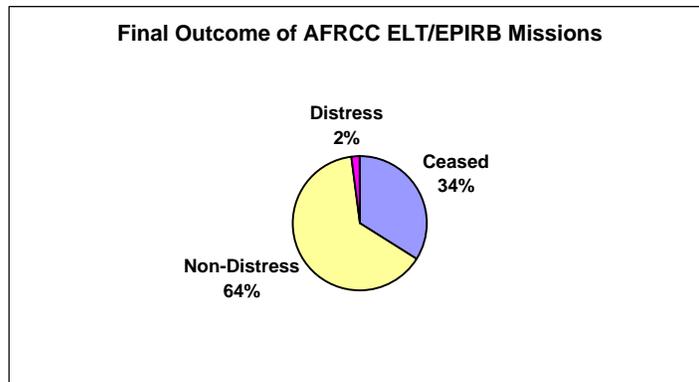


Table 7 shows the total number of flying hours, number of sorties, number of aircraft, saves, number of personnel used, and number of missions for each unit.

SRU NAME	FLYING HRS	SORTIES	AIRCRAFT	SAVES	PERSONNEL	MISSIONS
102nd RQS	8.00	1	1	1	14	1
106th RQW	2.50	4	2	2	13	1
119th FS	1.60	2	2	0	2	1
129th RQS	26.00	7	6	4	45	6
131st AVN BAT	0.00	0	0	0	1	1
301st RQW	26.60	9	7	2	45	5
304th RQS	37.50	16	9	6	56	5
305th RQS	15.00	9	7	7	34	3
36th RQF	62.80	32	15	25	66	16
37th HF	0.00	0	1	0	4	1
39th RQS	25.10	5	3	4	32	2
40th HF	70.20	35	17	14	75	14
41st RQS	2.50	2	1	1	6	1
507th MED GRP	2.80	3	3	4	14	2
50th MED CO	11.50	2	1	14	4	1
54th HF	2.20	2	1	1	4	1
571st MED DET	6.00	1	1	1	4	1
58th SOW	11.10	5	3	4	21	5
66th RQS	15.50	7	7	4	42	6
76th HF	23.90	9	9	0	36	7
76th RQF	9.80	6	3	0	15	3
9th SOS	9.00	1	1	0	8	1
939th RQW	56.50	27	14	12	91	10
AL CAP (Reg 4)	251.20	93	82	0	497	53
AR CAP (Reg 6)	141.90	72	36	0	198	28
AZ CAP (Reg 6)	142.10	56	44	0	600	102
CA CAP (REG 8)	479.3	289	137	5	1647	299
CG D1	19.60	6	5	0	25	1
CG D7	34.80	14	5	0	41	2
CG D8	1.20	1	1	0	3	1
CG D9	13.30	5	4	2	20	5
CG D13	1.70	1	1	0	3	1
CGAS Astoria	2.50	1	1	1	4	1
CGAS Detroit	0.00	0	0	0	1	1
CGAS Elizabeth City	2.10	1	1	2	9	1
CGAS Los Angeles	0.00	0	0	0	0	1
CGAS Miami	4.30	3	2	2	7	2
CGAS North Bend	9.40	4	4	0	14	3
CGAS Port Angeles	9.80	5	5	6	19	4

SRU NAME	FLYING HRS	SORTIES	AIRCRAFT	SAVES	PERSONNEL	MISSIONS
CGAS San Diego	1.50	1	1	2	4	1
CGAS San Francisco	2.00	2	1	1	4	1
CGAS Traverse City	33.50	18	9	7	123	7
CO CAP (Reg 7)	648.20	275	144	0	814	40
CT CAP	28.70	10	9	0	233	33
DC CAP (Reg 2)	0.00	0	0	0	2	1
DE CAP (Reg 2)	15.30	7	6	0	75	8
FCC	0.00	0	0	0	81	40
FL CAP (Reg 4)	537.35	299	215	0	2647	391
FT LEWIS	9.40	7	3	8	19	2
GA CAP (Reg 4)	170.10	62	53	1	536	85
IA CAP (Reg 5)	21.90	9	9	0	68	11
ID ANG	4.30	2	2	0	8	2
ID ARNG	12.74	5	3	0	12	2
ID CAP (Reg 7)	97.55	43	36	0	269	40
IL CAP (Reg 3)	40.00	23	17	0	210	49
IN CAP (Reg 3)	54.70	22	20	0	253	37
KS CAP (Reg 5)	24.05	12	10	0	182	47
KY CAP (Reg 3)	68.10	24	21	0	179	20
LA CAP (Reg 6)	197.00	105	52	0	378	73
MA CAP (Reg 1)	150.60	77	45	0	687	55
MCAS YUMA SAR	4.50	2	2	1	7	1
MD CAP (Reg 2)	256.00	135	67	1	702	53
ME ANG	4.10	2	2	2	6	1
ME ARNG	3.30	3	3	0	8	1
ME CAP (Reg 1)	72.90	35	31	0	345	44
MI CAP (Reg 3)	89.50	38	29	1	353	51
MN CAP (Reg 5)	45.10	25	21	0	257	37
MO CAP (Reg 5)	66.60	27	20	1	331	42
MS ARNG	4.80	2	2	0	4	1
MS CAP (Reg 4)	268.10	147	58	0	363	35
MT CAP (Reg 7)	31.10	10	9	4	31	9
NAS China Lake SAR	20.60	7	5	5	28	6
NAS CorpChristi SAR	2.10	1	1	1	5	1
NAS Fallon SAR	34.15	25	8	1	28	3
NAS LeMoore SAR	76.45	52	13	3	56	6
NAS Oceana SAR	4.60	1	1	2	4	1
NAS Whidbey Isl SAR	41.70	16	10	8	50	8
NC CAP (Reg 2)	166.10	86	49	0	502	73
ND CAP (Reg 5)	8.90	5	5	0	54	8
NE CAP (Reg 5)	308.80	65	57	0	306	13
NH CAP (Reg 1)	7.00	3	3	0	47	12
NJ CAP (Reg 1)	78.30	46	35	0	421	61
NM CAP (Reg 6)	390.60	159	71	8	259	18

SRU NAME	FLYING HRS	SORTIES	AIRCRAFT	SAVES	PERSONNEL	MISSIONS
NM St Border Patrol	0.00	0	0	0	1	1
NM State Police	0.00	0	0	0	1	1
NV ANG	18.60	10	4	0	25	2
NV CAP (Reg 8)	287.20	91	69	7	346	22
NY CAP (Reg 1)	115.40	61	53	0	552	86
OH CAP (Reg 3)	75.30	28	28	0	402	73
OK CAP (Reg 6)	107.30	49	32	0	268	36
OR ARNG	12.60	5	6	1	24	5
PA CAP (Reg 1)	159.40	80	52	1	835	67
RI CAP (Reg 1)	64.50	40	30	0	284	22
SC CAP (Reg 2)	157.12	110	67	0	496	70
SD ANG	8.10	4	2	0	18	1
SD CAP (Reg 5)	413.20	150	89	0	598	10
TN CAP (Reg 4)	259.00	110	73	0	585	51
TX CAP (Reg 6)	422.70	176	127	8	1359	239
TX St Border Patrol	0.00	0	0	0	1	1
UT CAP (Reg 7)	529.10	162	105	1	477	39
VA CAP (Reg 2)	256.40	112	66	3	590	76
VT CAP (Reg 1)	2.90	1	1	0	12	1
WA CAP (Reg 8)	288.50	116	93	0	509	56
WI CAP (Reg 3)	147.00	67	45	1	1586	52
WV CAP (Reg 2)	134.60	60	31	0	293	22
WY CAP (Reg 7)	74.60	33	21	0	177	11
Grand Total:	9,587.81	4267	2725	213	24763	2,814



Table 8 shows the total number of missions by type, for each state.

STATE	ACFT	BOAT	ELT	MEDEV	MERCY	MSG	PRECA	RESCUE	SRU TRANS	VEH	TOTAL
AL	3	0	50	0	0	0	0	0	0	0	53
AR	2	0	23	0	0	0	0	0	0	0	25
ALANTIC	1	0	0	0	0	0	0	2	0	0	3
AZ	1	0	96	0	3	1	2	4	0	0	107
CA	13	3	278	1	0	8	1	13	0	1	318
CO	6	0	17	0	0	2	0	2	0	1	28
CT	0	0	29	0	0	0	0	0	0	0	29
DC	0	0	2	0	0	0	0	0	0	0	2
DE	0	0	6	0	0	0	0	0	0	0	6
FL	10	7	373	0	0	1	2	2	0	0	395
GA	6	0	78	1	0	0	1	0	0	0	86
IA	0	0	10	0	0	0	0	0	0	1	11
ID	3	0	26	0	0	20	0	1	0	0	50
IL	0	1	42	0	0	0	0	0	0	0	43
IN	1	1	35	0	0	0	0	0	0	0	37
KS	4	0	41	0	0	0	0	0	0	0	45
KY	1	1	15	0	0	0	0	0	0	0	17
LA	0	0	72	0	0	1	0	0	0	0	73
MA	1	0	52	0	0	1	0	0	0	0	54
MD	1	1	45	0	0	1	0	0	0	0	48
ME	1	0	41	0	0	2	1	0	0	0	45
MI	4	0	42	1	0	13	0	0	0	0	60
MN	0	0	36	0	0	1	0	0	0	0	37
MO	2	0	34	0	0	2	0	0	0	0	38
MS	1	0	28	0	0	2	0	0	0	0	31

STATE	ACFT	BOAT	ELT	MEDEV	MERCY	MSG	PRECA	RESCUE	SRU TRANS	VEH	TOTAL
MT	0	0	0	0	0	15	0	4	0	1	20
NC	1	0	70	0	0	0	0	0	0	0	71
ND	0	0	6	1	0	1	0	0	0	0	8
NE	0	0	12	0	0	0	0	0	0	0	12
NH	0	0	9	0	0	0	0	0	0	0	9
NJ	1	0	59	0	0	0	0	1	0	0	61
NM	5	0	6	0	0	5	0	2	0	0	18
NV	2	0	4	0	7	2	0	4	0	0	19
NY	1	1	78	0	0	0	0	0	0	0	80
OH	2	0	69	0	0	1	0	0	0	0	72
OK	3	0	29	0	0	1	0	0	0	0	33
OR	3	0	37	1	0	15	0	10	0	2	68
PA	0	0	62	0	0	3	0	0	0	0	65
PACIFIC	1	0	0	1	0	0	0	1	0	0	3
RI	0	0	19	0	0	0	0	0	0	0	19
SC	1	0	64	0	0	1	0	0	0	0	66
SD	1	0	9	0	0	0	0	0	0	0	10
TN	2	0	45	0	0	0	0	1	0	0	48
TX	9	2	222	0	0	3	0	0	0	0	237
UT	3	0	29	0	0	1	0	0	2	1	36
VA	3	0	63	0	0	5	0	1	0	0	72
VT	0	0	1	0	0	0	0	0	0	0	1
WA	2	1	52	0	0	6	1	12	0	0	74
WI	1	0	40	0	0	5	1	0	0	0	47
WV	2	0	12	0	0	3	0	0	0	0	17
WY	0	0	7	0	0	1	0	0	0	0	8
TOTAL	104	18	2475	6	10	123	9	60	2	7	2814





A special thanks to CMSgt Meyer for all her hard work and dedication that made this year's annual report possible.