Wildland Fire
Summary and Statistics
Annual Report
2013

Wildfire Statistics

Significant Wildland Fires

Fires and Complexes Over 40,000 Acres in 2013

The Rim fire was the third largest wildfire in California history. (Information derived from ICS-209 reports.)

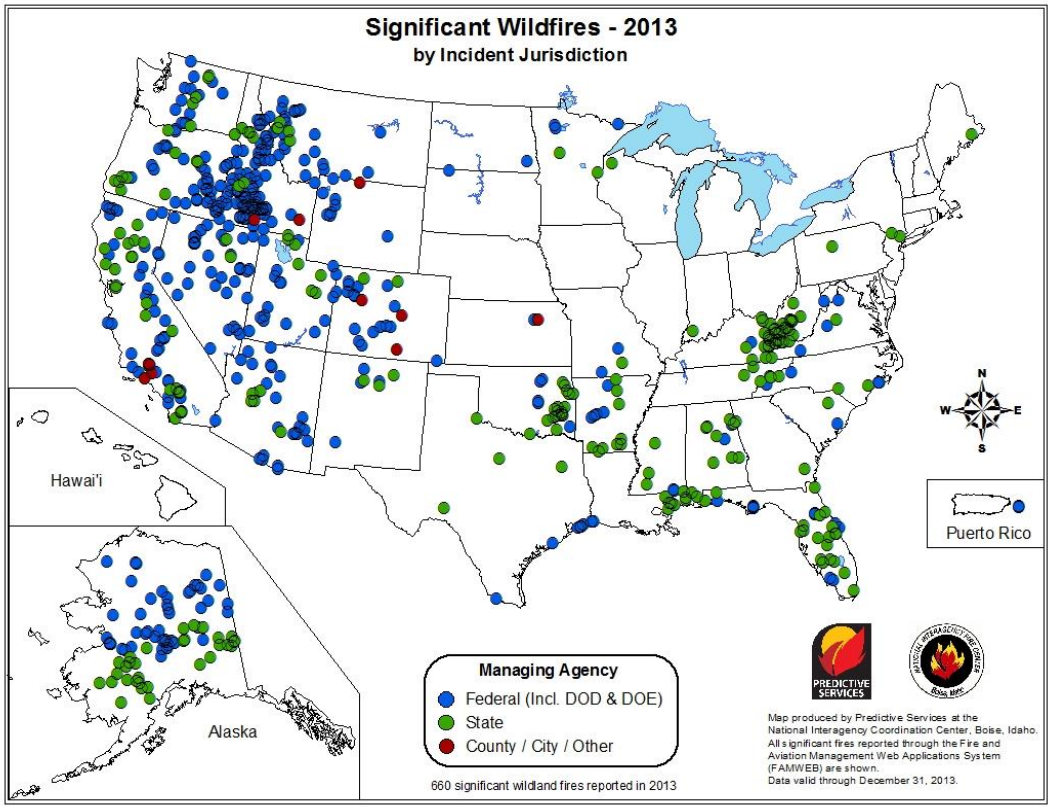
Name	GACC	State	Start Date	Contain or Control Date	Size (Acres)	Cause	Estimated Cost
Rim	SO	CA	8/17	10/24	257,314	U	$127,350,000
Lime Hills	AK	AK	5/31	8/29	201,808	L	$2,883,457
Moore Creek	AK	AK	6/2	8/29	157,747	L	$371,499
Pony Complex	EB	ID	8/9	8/19	149,384	L	$4,000,000
Silver	SW	NM	6/7	9/10	138,546	L	$14,300,000
Elk Complex	EB	ID	8/9	8/31	131,258	L	$10,720,000
Beaver Creek	EB	ID	8/7	9/2	111,490	L	$26,500,000
West Fork Complex	RM	CO	6/5	10/31	109,615	L	$31,261,047
Stuart Creek #2	AK	AK	6/19	8/23	87,064	H	$20,984,698
Colockum Tarps	NW	WA	7/27	8/18	80,184	H	$11,000,000
Mississippi	AK	AK	5/30	11/2	67,338	H	$5,220,000
Beaver Log Lakes	AK	AK	6/22	8/28	64,499	L	$1,847,258
Prospect Creek	AK	AK	6/20	9/3	64,078	L	$98,377
Sandless Lake	AK	AK	6/25	9/3	62,318	L	$10,000
Sunnyside Turnoff	NW	OR	7/20	9/3	51,340	H	$4,000,000
Douglas Complex	NW	OR	7/26	10/18	48,679	L	$55,000,000
Sulatna River	AK	AK	6/21	8/28	47,588	L	$7,000
Chisana River	AK	AK	5/31	10/23	46,638	L	$35,776
Owyhee	NW	OR	7/1	7/8	46,559	L	$1,843,801
Gold Pan Complex	NR	MT	7/16	10/3	43,429	L	$11,860,878

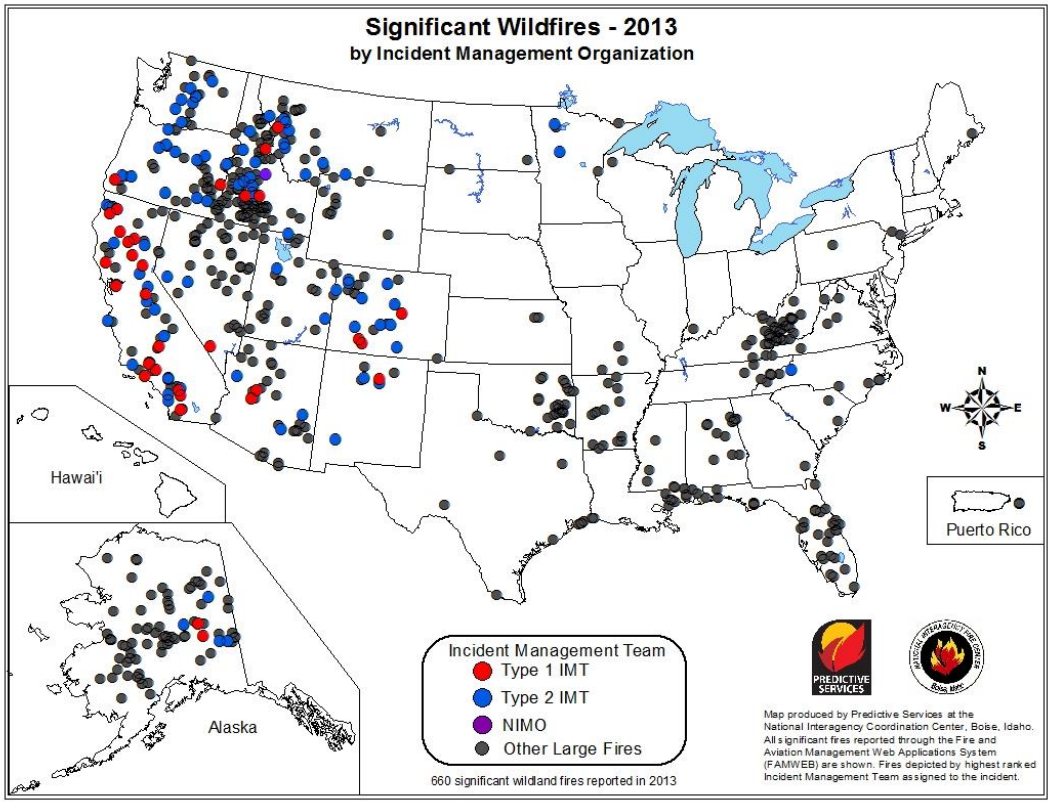
L – Lightning H – Human U – Undetermined NR – Not Reported

Information in the above table was derived from ICS-209 reports submitted in the Fire and Aviation Management Web Applications system (FAMWEB). Information shown may not reflect final official figures.

Significant Fire Activity

There were 660 large or significant wildfires reported in 2013 (derived from ICS-209 reports submitted through FAMWEB). Significant wildfires represented about 1.4 percent of total wildfires reported nationally in 2013. The maps below depict the locations of these fires.



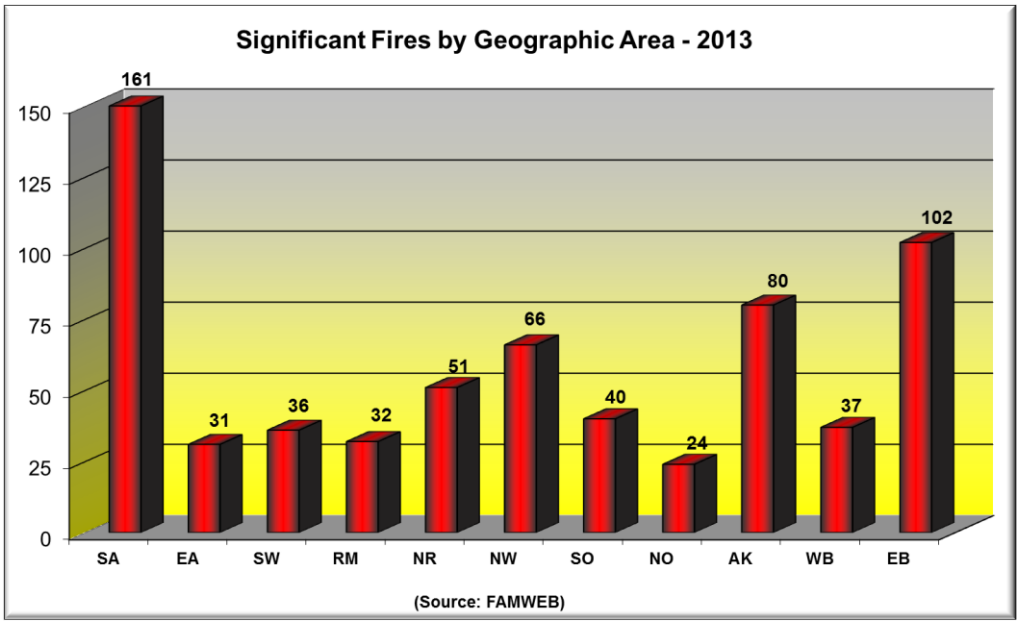


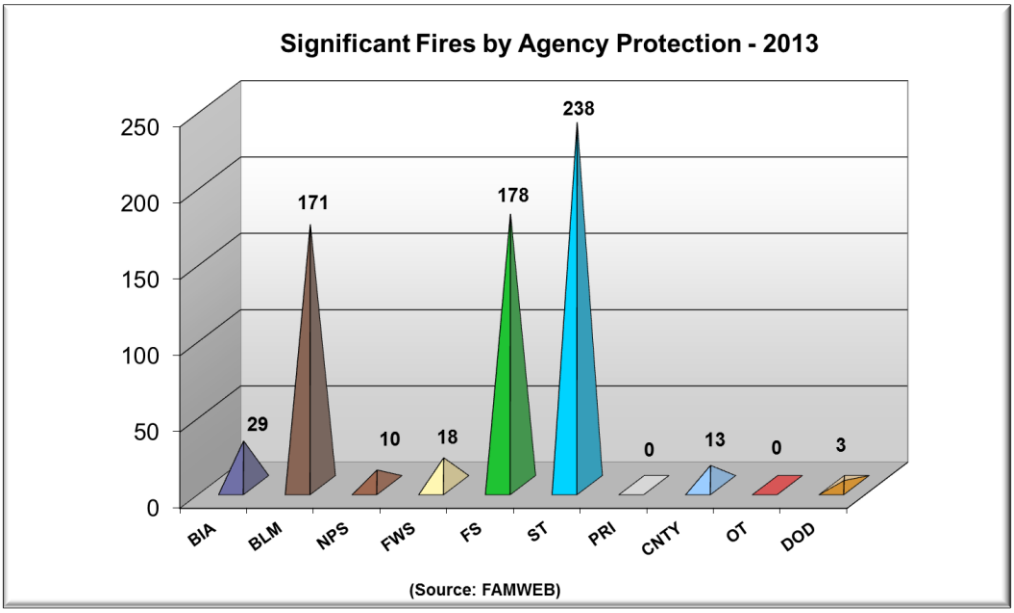
Significant Fire Activity

Significant fires are defined in the National Mobilization Guide as fires that are a minimum of 100 acres in timber fuel types, 300 acres in grass and brush fuel types, or are managed by a Type 1 or 2 Incident Management Team, WFMT or NIMO.

Percent of Reported Significant Fires by Geographic Area

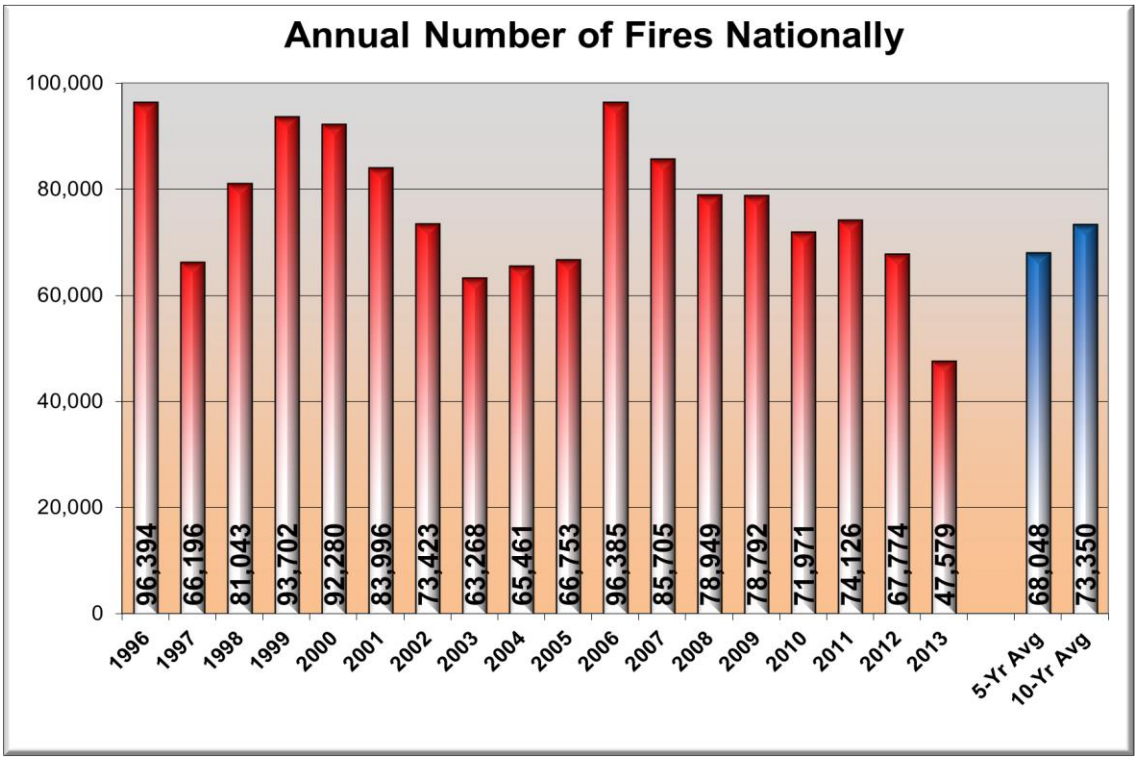
AK	NW	NO	SO	NR	EB	WB	SW	RM	EA	SA
12%	10%	4%	6%	8%	15%	6%	5%	5%	5%	24%

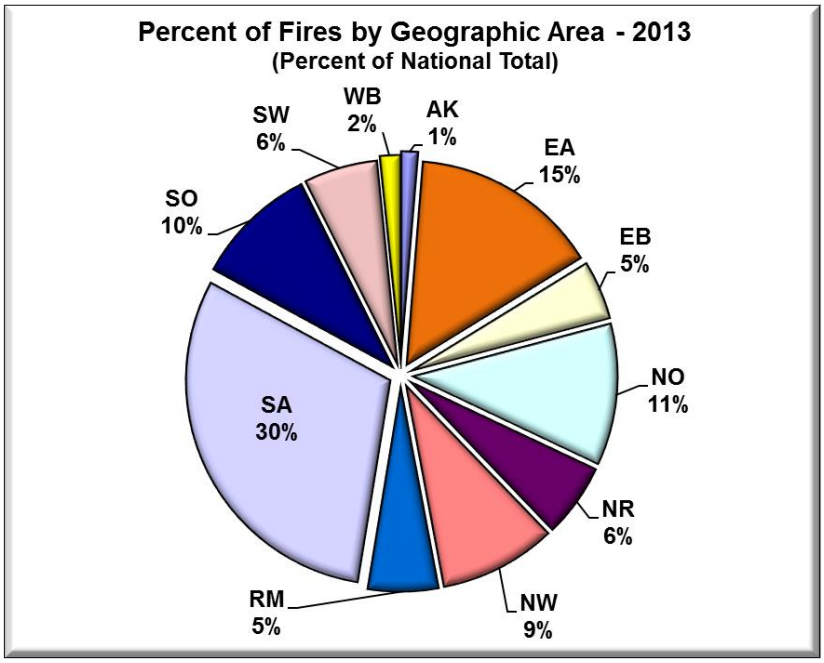




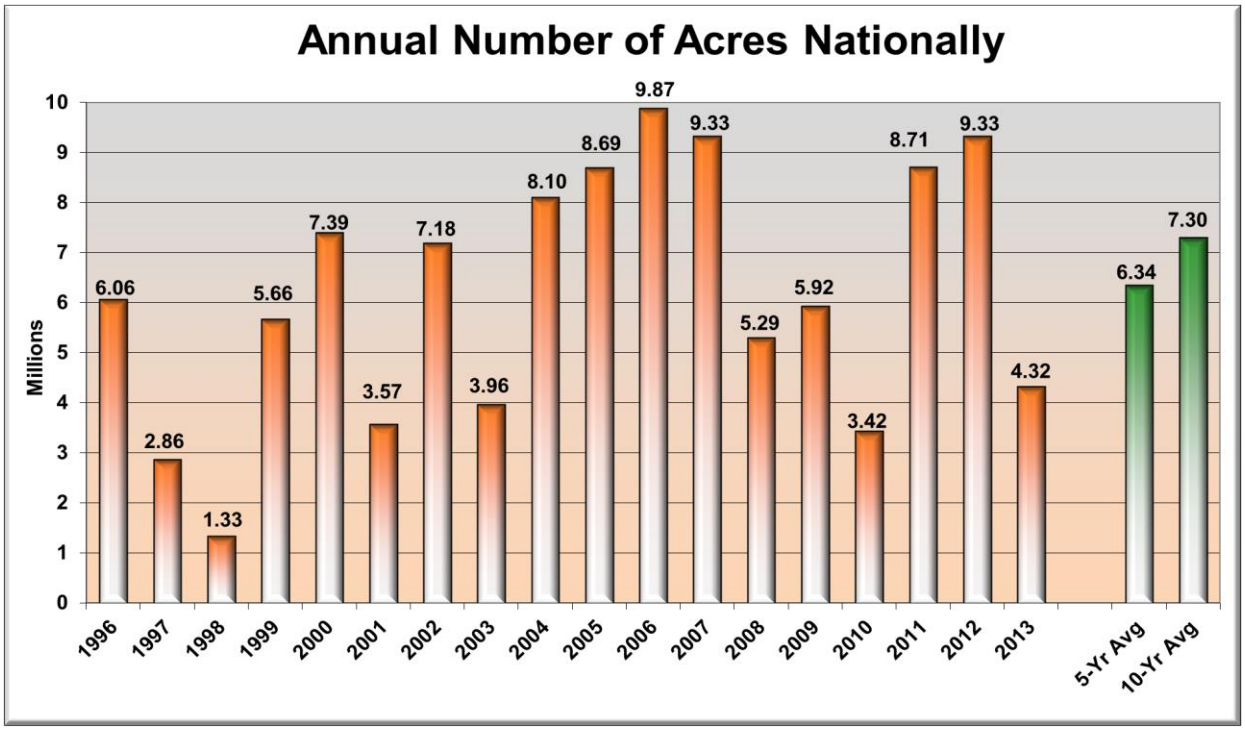
Wildfires Reported to NICC

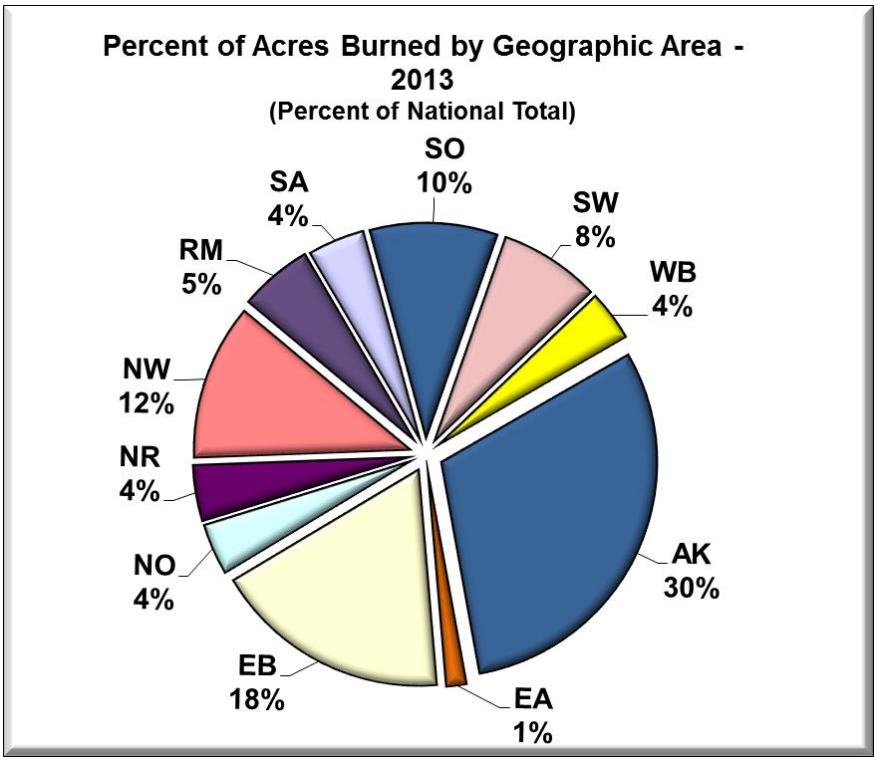
In 2013 there were 47,579 wildfires in the U.S., which burned 4,319,546 acres. Both fires and acres are below the five and 10-year national averages. The charts below depict fires and acres as a percentage of the national total.





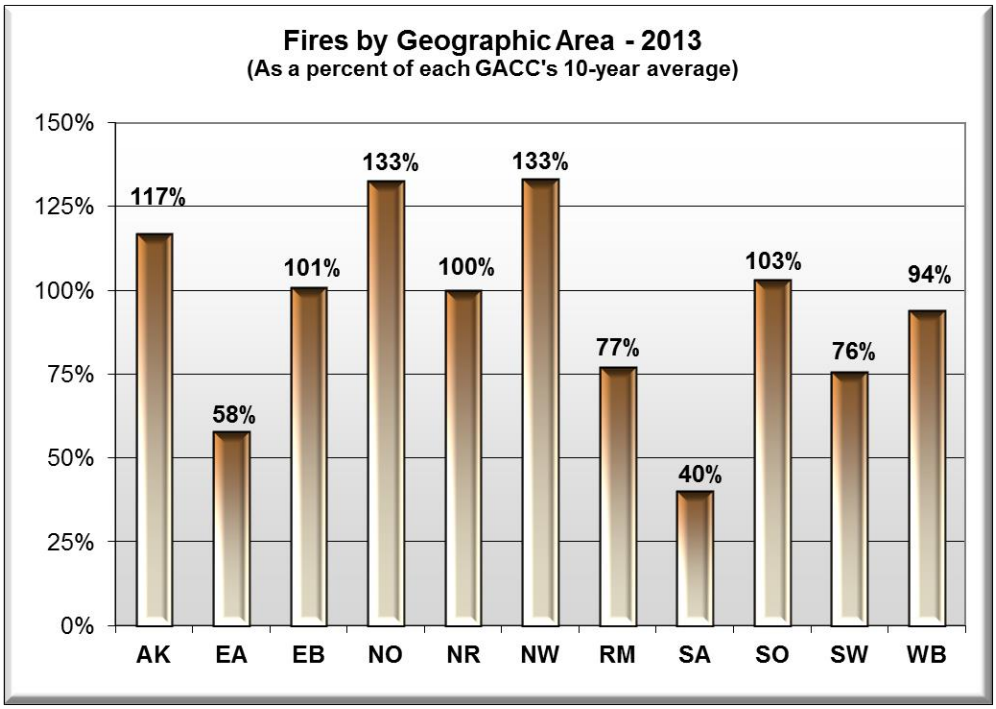
Wildfire Acres Reported to NICC

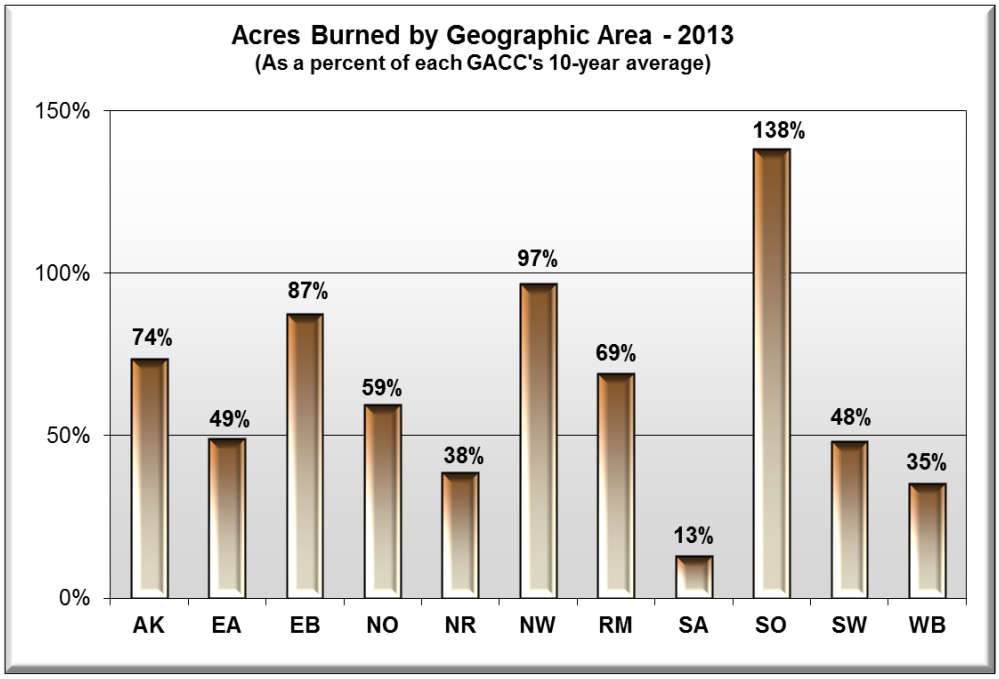




Wildfire Activity Levels by Geographic Area

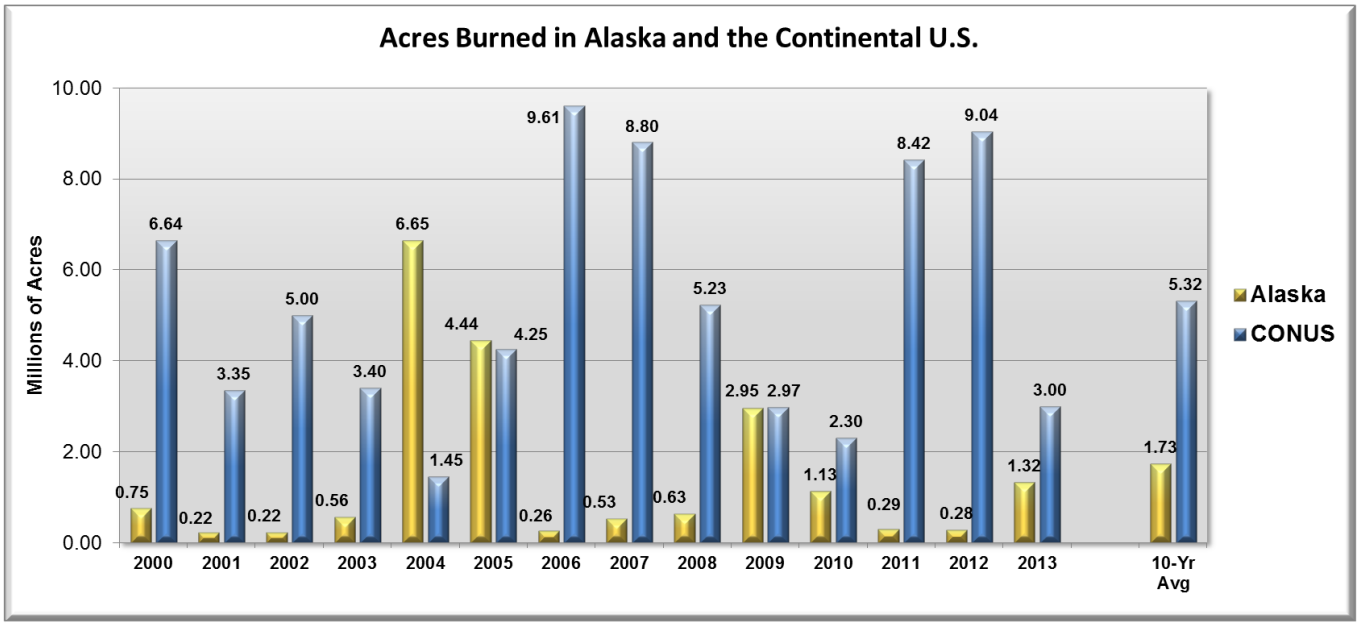
Percent of the ten year average for each Geographic Area.



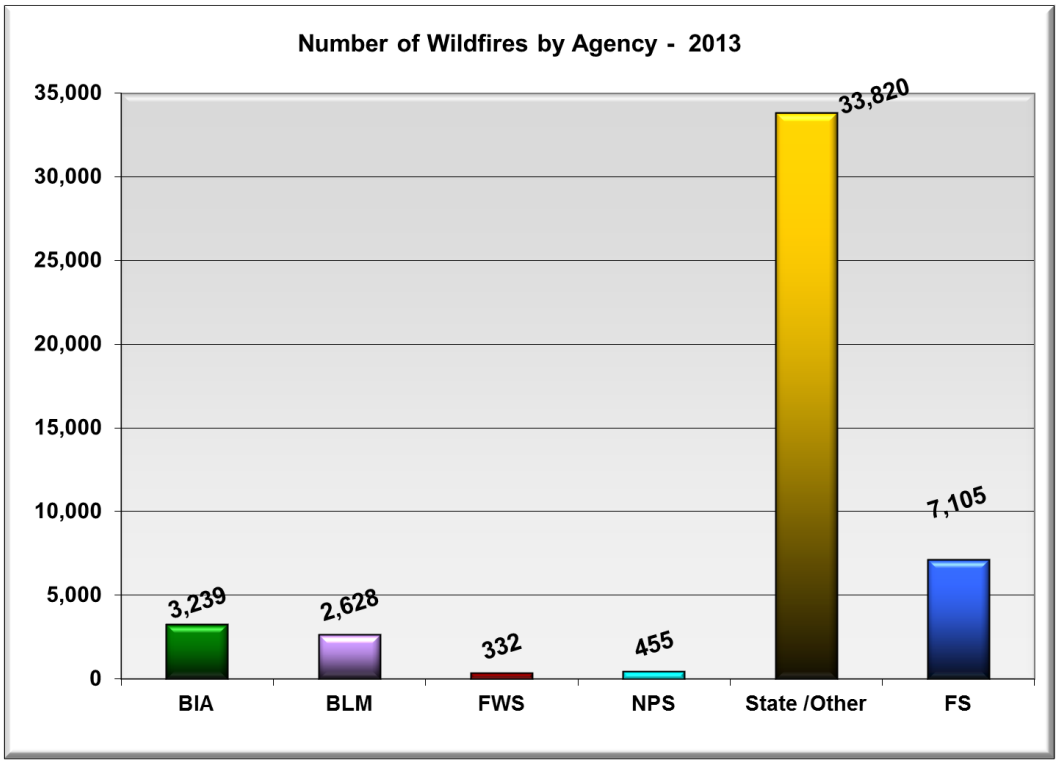


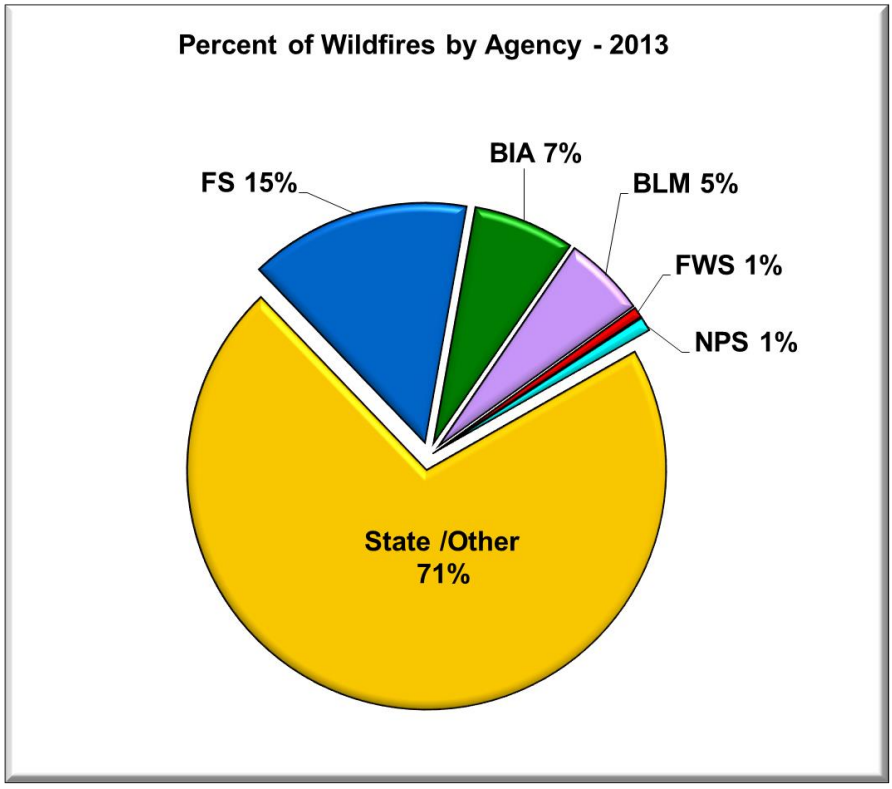
Alaska Wildfire Activity

In 2013 Alaska burned slightly more 30 percent of all burned acres in the U.S. Over the past 10 years Alaska has annually burned just under 25 percent of total acres nationally. The chart below compares annual acres burned between Alaska and the rest of the U.S. (including Hawai'i).

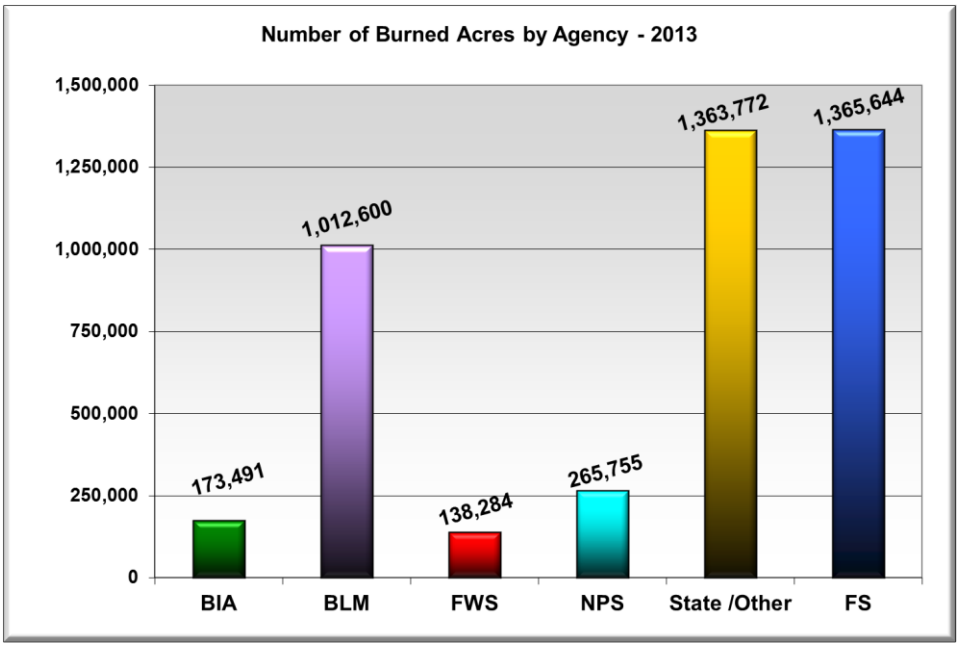


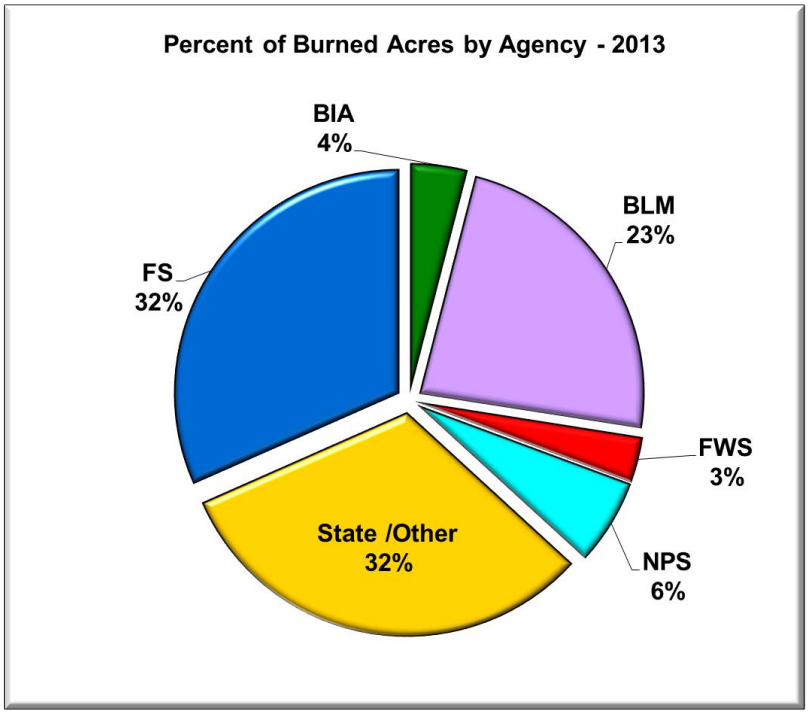
Wildfires by Agency





Wildfire Acres by Agency

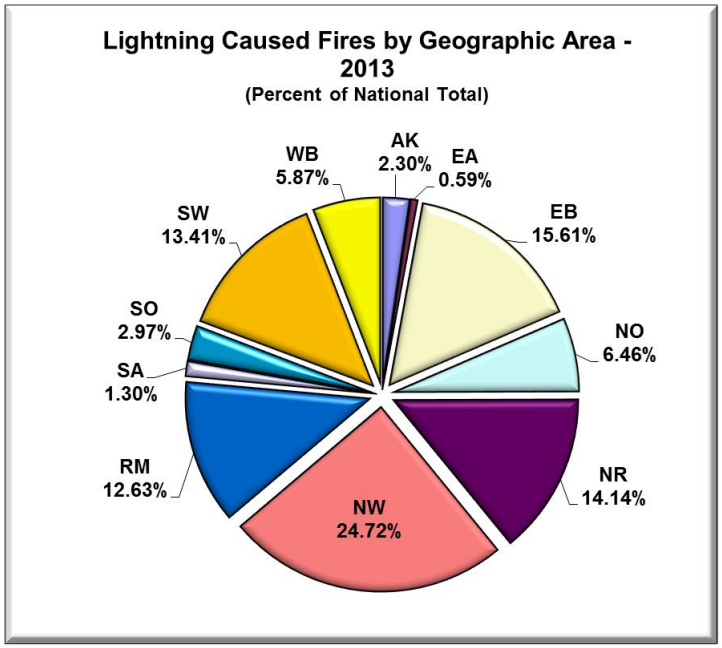




Lightning Fires and Acres by Geographic Area

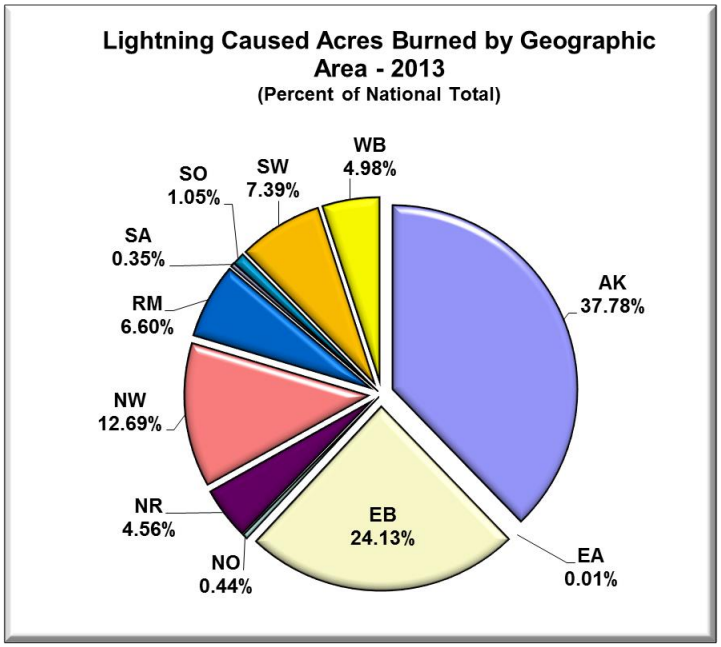
Number of Lightning Caused Fires

AK	EA	EB	NO	NR	NW	RM	SA	SO	SW	WB	Total
212	54	1,441	596	1,305	2,282	1,166	120	274	1,238	542	9,230



Number of Lightning Caused Acres Burned

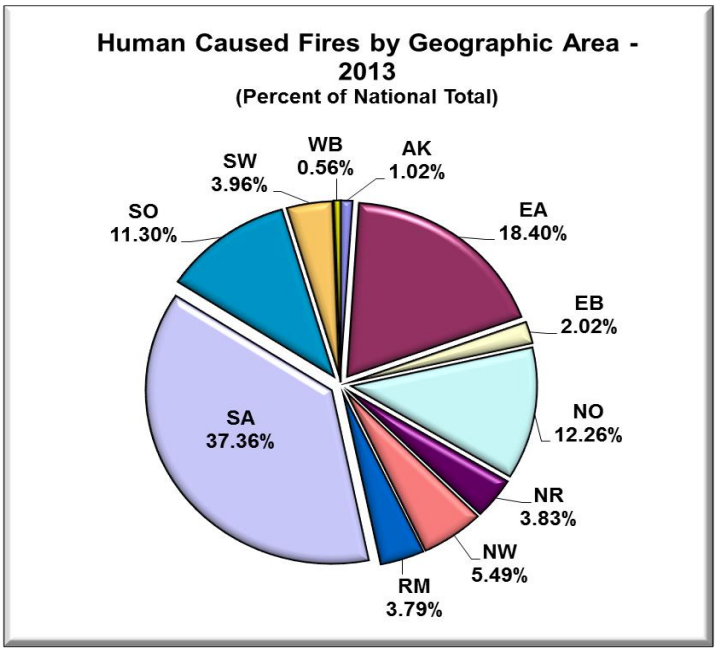
AK	EA	EB	NO	NR	NW	RM	SA	SO	SW	WB	Total
1,155,109	357	737,905	13,517	139,275	388,151	201,863	10,831	32,091	226,085	152,382	3,057,566



Human Caused Fires and Acres by Geographic Area

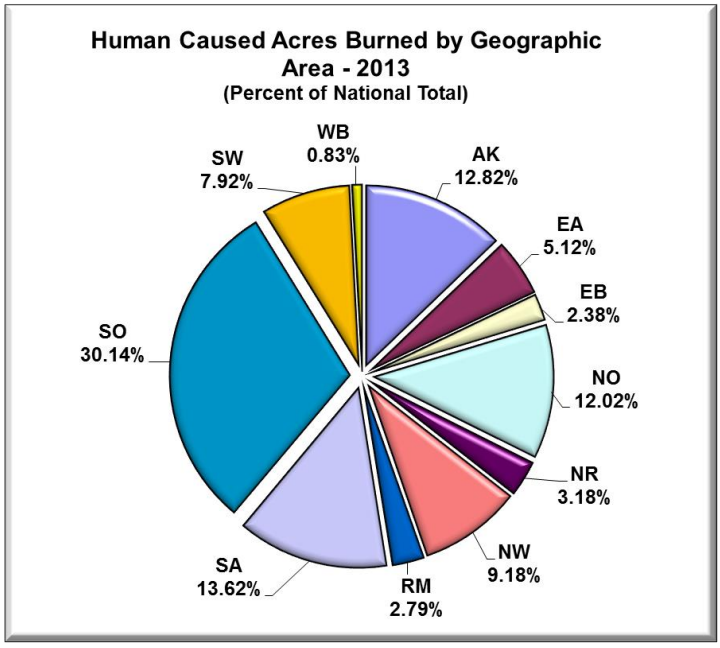
Number of Human Caused Fires

AK	EA	EB	NO	NR	NW	RM	SA	SO	SW	WB	Total
391	7,056	773	4,703	1,468	2,107	1,455	14,328	4,334	1,519	215	38,349



Number of Human Caused Acres Burned

AK	EA	EB	NO	NR	NW	RM	SA	SO	SW	WB	Total
161,767	64,635	30,049	151,677	40,184	115,842	35,258	171,819	380,390	99,900	10,459	1,261,980



Wildfires and Acres Burned by Agency

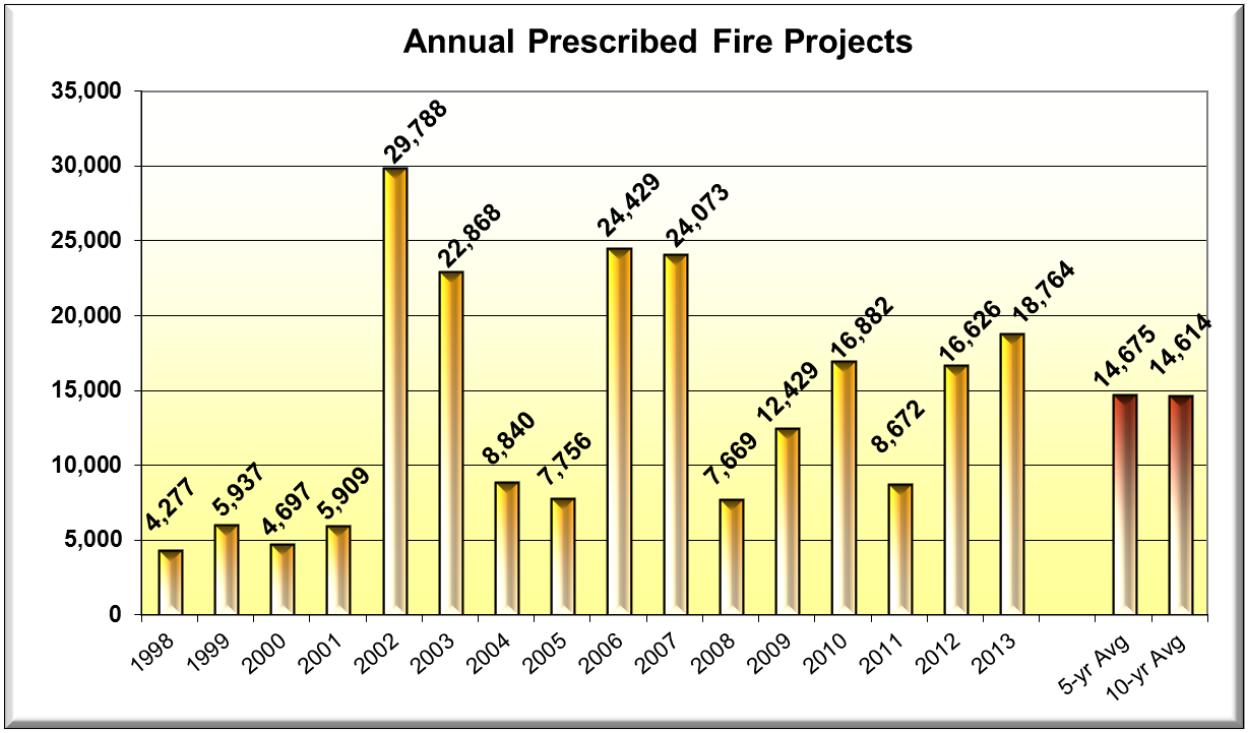
Agency		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	5-Yr Avg.	10-Yr Avg.
BIA	**Fires**	**3,662**	**5,127**	**6,768**	**4,593**	**4,934**	**4,375**	**3,825**	**4,274**	**5,753**	**3,239**	**4,293**	**4,655**
	Acres	71,292	194,757	376,824	266,593	168,336	200,562	106,978	364,767	866,444	173,491	342,448	279,004
BLM	**Fires**	**2,906**	**2,655**	**3,848**	**2,613**	**1,941**	**2,545**	**2,312**	**2,798**	**3,031**	**2,628**	**2,663**	**2,728**
	Acres	1,305,794	3,591,721	2,406,622	2,021,009	330,981	989,029	830,377	959,410	3,331,273	1,012,600	1,424,538	1,677,882
FS	**Fires**	**8,608**	**7,331**	**10,403**	**8,486**	**7,113**	**7,691**	**6,797**	**6,667**	**7,098**	**7,105**	**7,072**	**7,730**
	Acres	551,966	781,148	1,896,071	2,835,577	1,234,479	715,677	319,730	1,729,937	2,680,233	1,365,644	1,362,244	1,411,046
FWS	**Fires**	**382**	**518**	**524**	**396**	**425**	**448**	**323**	**442**	**394**	**332**	**388**	**418**
	Acres	2,096,403	1,842,177	236,746	501,038	95,952	821,838	187,991	171,368	101,752	138,284	284,247	619,355
NPS	**Fires**	**490**	**395**	**537**	**489**	**396**	**426**	**390**	**418**	**369**	**455**	**412**	**437**
	Acres	42,352	128,761	73,566	102,459	89,061	182,047	174,255	98,147	140,807	265,755	172,202	129,721
State / Other	**Fires**	**49,413**	**50,727**	**74,305**	**69,128**	**64,140**	**63,307**	**58,324**	**59,527**	**51,129**	**33,820**	**53,221**	**57,382**
	Acres	4,030,073	2,150,825	4,883,916	3,601,369	3,373,659	3,012,633	1,803,393	5,387,738	2,205,729	1,363,772	2,754,653	3,181,311
Total	**Fires**	**65,461**	**66,753**	**96,385**	**85,705**	**78,949**	**78,792**	**71,971**	**74,126**	**67,774**	**47,579**	**68,048**	**73,350**
	Acres	8,097,880	8,689,389	9,873,745	9,328,045	5,292,468	5,921,786	3,422,724	8,711,367	9,326,238	4,319,546	6,340,332	7,298,319

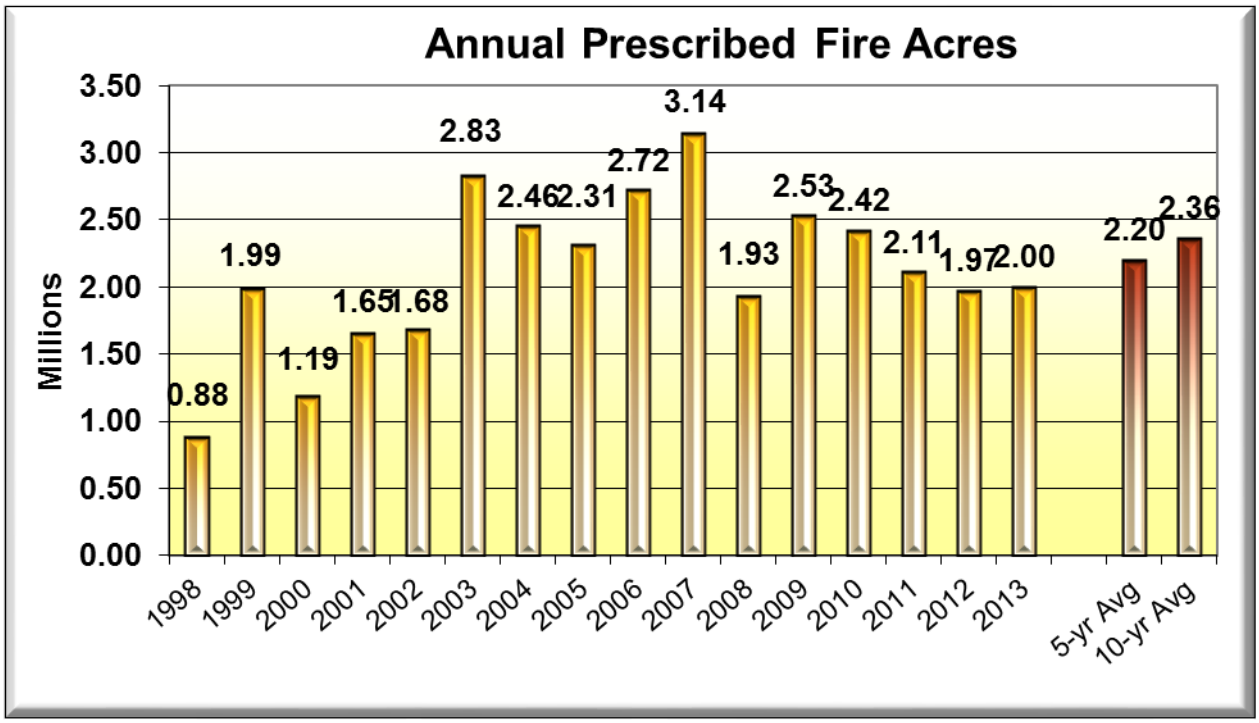
Wildfires and Acres Burned by Geographic Area

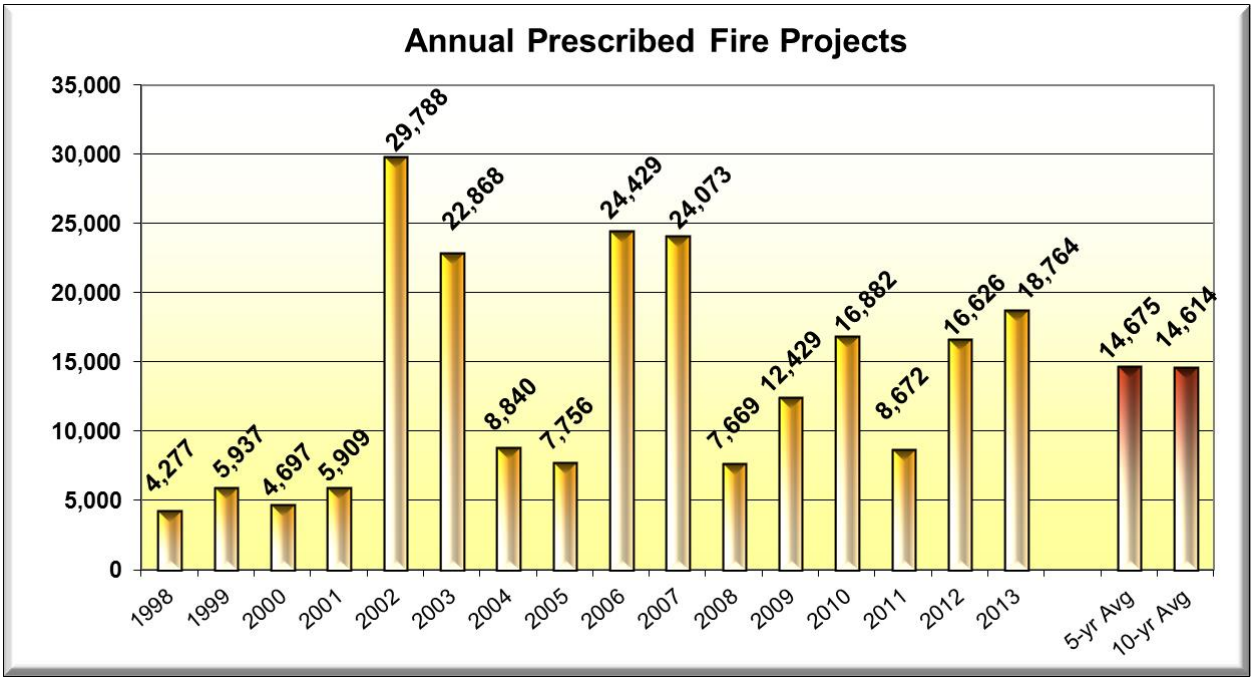
GACC		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	5-Yr Avg.	10-Yr Avg.
AK	**Fires**	**707**	**607**	**308**	**448**	**340**	**527**	**689**	**515**	**416**	**603**	**550**	**516**
	Acres	6,645,978	4,440,149	266,266	525,017	62,648	2,951,597	1,125,419	293,018	286,887	1,316,876	1,194,759	1,791,386
EA	**Fires**	**11,869**	**13189**	**14,483**	**12,783**	**11,323**	**15,781**	**15,844**	**9,153**	**11,147**	**7,110**	**11,807**	**12,268**
	Acres	101,398	87423	150,191	250,052	69,816	118,657	130,103	213,172	146,208	64,992	134,626	133,201
EB	**Fires**	**2,286**	**2158**	**3,202**	**2,482**	**1,661**	**1,812**	**1,846**	**1,880**	**2,399**	**2,214**	**2,030**	**2,194**
	Acres	89,187	953,362	1,244,452	2,411,428	145,712	136,970	712,019	462,499	1,888,892	767,954	793,667	881,248
NO	**Fires**	**4,248**	**3,196**	**4,624**	**3,667**	**4,807**	**4,567**	**2,943**	**3,092**	**3,536**	**5,299**	**3,887**	**3,998**
	Acres	150,305	63,075	321,653	208,548	943,155	107,411	35,674	24,200	771,486	165,194	220,793	279,070
NR	**Fires**	**2,973**	**1,931**	**4,273**	**3,368**	**2,650**	**2,556**	**1,740**	**2,053**	**3,433**	**2,773**	**2,511**	**2,775**
	Acres	38,430	129,066	1,166,476	1,084,569	229,389	69,016	70,474	198,624	1,497,972	179,459	403,109	466,348
NW	**Fires**	**3,943**	**2,825**	**4,836**	**3,832**	**2,989**	**3,467**	**2,188**	**2,150**	**2,305**	**4,389**	**2,900**	**3,292**
	Acres	122,638	341,143	956,082	863,214	282,959	177,920	150,553	303,260	1,515,596	503,993	530,264	521,736
RM	**Fires**	**2,044**	**3,338**	**5,447**	**3,548**	**2,557**	**2,524**	**2,903**	**3,433**	**5,584**	**2,621**	**3,413**	**3,400**
	Acres	52,267	86,213	658,782	161,944	228,701	107,188	151,631	517,004	1,244,073	237,121	451,403	344,492
SA	**Fires**	**28,716**	**29,436**	**48,632**	**45,659**	**43,749**	**38,660**	**37,176**	**42,362**	**30,964**	**14,448**	**32,722**	**35,980**
	Acres	462,797	577,064	2,632,358	1,865,655	2,204,237	1,227,610	624,440	3,892,567	718,624	182,650	1,329,178	1,438,800
SO	**Fires**	**4,168**	**4,053**	**3,575**	**5,431**	**5,382**	**4,591**	**3,610**	**4,891**	**4,412**	**4,608**	**4,422**	**4,472**
	Acres	92,408	141,003	367,096	899,592	480,389	305,974	83,986	104,829	99,914	412,481	201,437	298,767
SW	**Fires**	**3,553**	**5,222**	**5,731**	**3,599**	**3,040**	**3,620**	**2,547**	**3,782**	**2,634**	**2,757**	**3,068**	**3,649**
	Acres	302,681	838,777	761,518	167,855	573,532	686,078	314,558	2,278,026	543,460	325,985	829,621	679,247
WB	**Fires**	**954**	**798**	**1,274**	**888**	**451**	**687**	**485**	**815**	**944**	**757**	**738**	**805**
	Acres	39,791	1,032,114	1,348,871	890,171	71,930	33,365	23,867	424,168	613,126	162,841	251,473	464,024

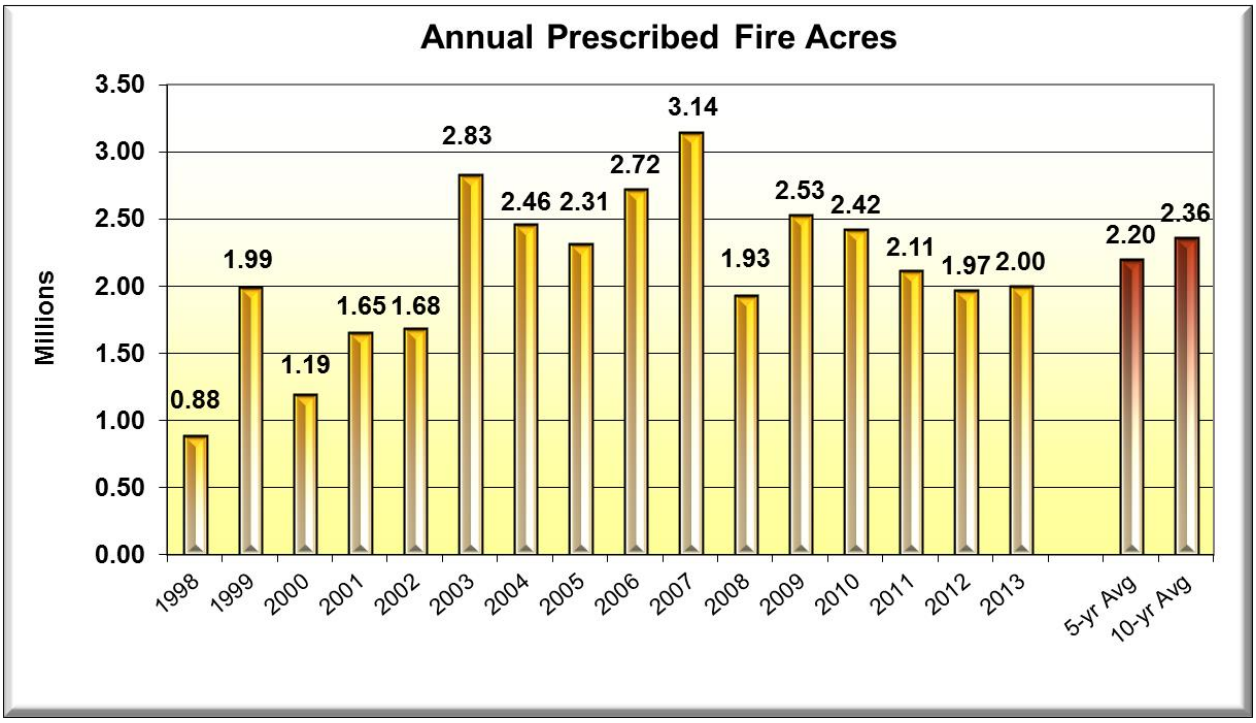
Prescribed Fire Projects and Acres

National reporting of prescribed fires began in 1998.

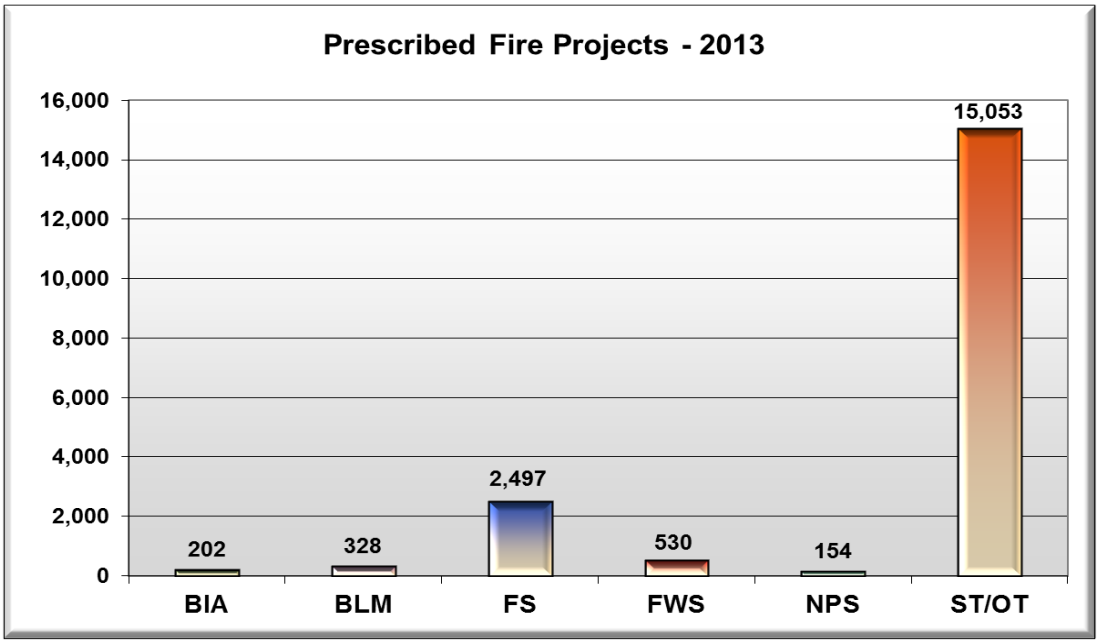


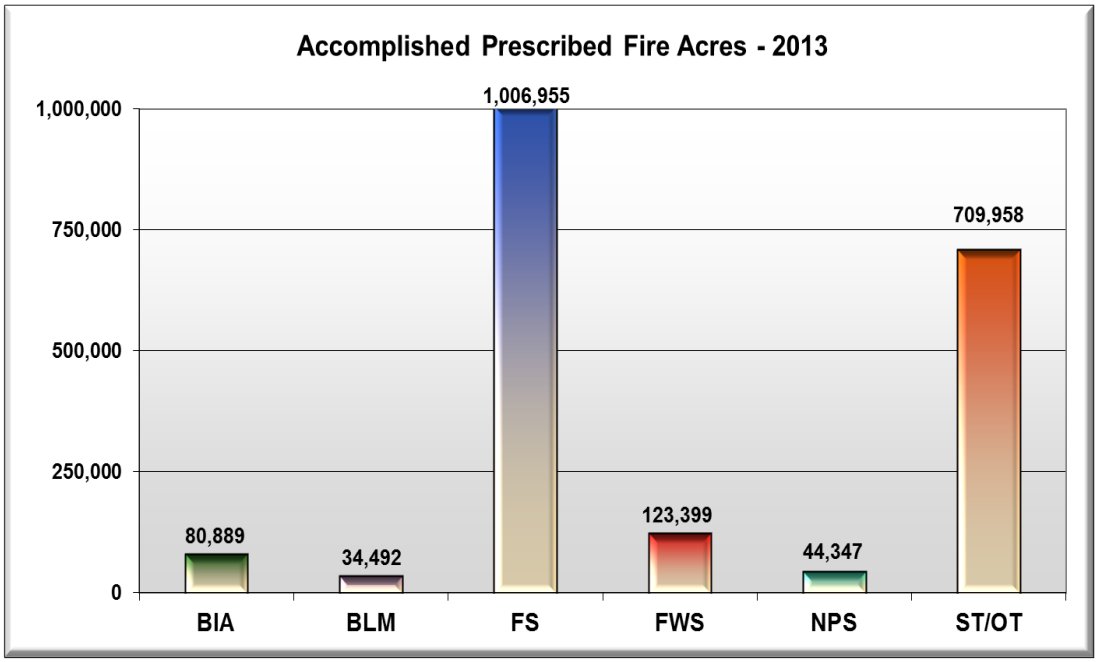



Annual Prescribed Fire Projects
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
4,277
5,937
4,697
5,909
29,788
22,868
8,840
7,756
24,429
24,073
7,669
12,429
16,882
8,672
16,626
18,764
14,675
14,614
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
5-yr Avg
10-yr Avg


Annual Prescribed Fire Acres
Millions
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
0.88
1.99
1.19
1.65
1.68
2.83
2.46
2.31
2.72
3.14
1.93
2.53
2.42
2.11
1.97
2.00
2.20
2.36
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
5-yr Avg
10-yr Avg

Prescribed Fire Projects and Acres by Agency





Prescribed Fire Projects by Agency and Geographic Area

National reporting of Prescribed Fire projects and acres began in 1998.

Prescribed Fire Projects by Agency

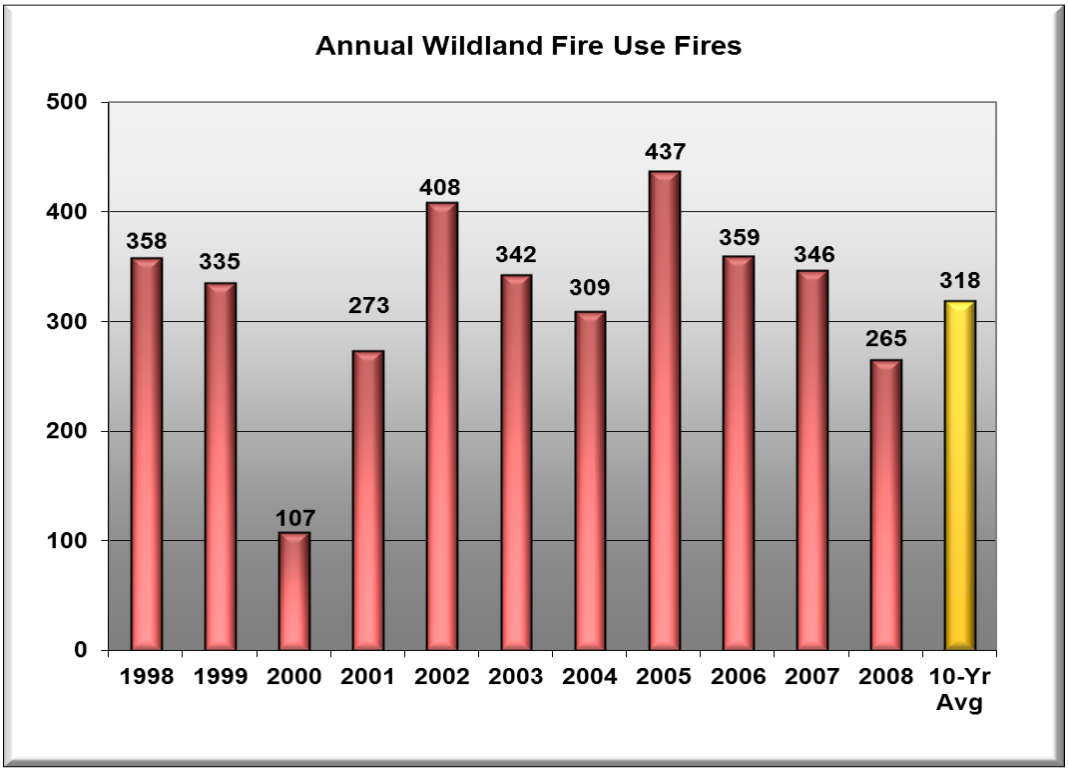
Agency		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	10 - Yr Avg
BIA	Fires	303	216	254	284	254	2,186	403	321	201	202	462
	Acres	66,408	64,886	86,519	83,811	86,161	151,435	124,404	111,352	62,529	80,889	91,839
BLM	Fires	434	522	484	462	447	552	431	383	304	328	435
	Acres	126,524	156,037	87,169	100,121	109,128	152,420	91,622	242,658	39,675	34,492	113,985
FS	Fires	4,859	3,782	5,138	4,771	3,193	3,795	3,766	2,890	2,719	2,497	3,741
	Acres	1,501,697	1,329,439	1,091,714	1,291,889	955,016	1,244,342	1,408,693	960,992	969,560	1,006,955	1,176,030
FWS	Fires	1,147	1,201	1,314	1,228	821	1,227	1,024	840	1,001	530	1,033
	Acres	257,813	267,903	291,821	405,455	246,617	338,161	257,672	195,055	234,887	123,399	261,878
NPS	Fires	235	226	233	271	223	815	251	213	203	154	282
	Acres	157,803	106,921	84,524	111,879	105,497	137,719	94,500	72,045	62,357	44,347	97,759
State / Other	Fires	1,862	1,809	17,006	17,057	2,731	3,854	11,007	4,025	12,198	15,053	8,660
	Acres	352,041	385,160	1,078,798	1,155,912	432,582	507,056	446,971	530,709	602,826	709,958	620,201
Total	Fires	8,840	7,756	24,429	24,073	7,669	12,429	16,882	8,672	16,626	18,764	14,614
	Acres	2,462,286	2,310,346	2,720,545	3,149,067	1,935,001	2,531,133	2,423,862	2,112,811	1,971,834	2,000,040	2,361,693

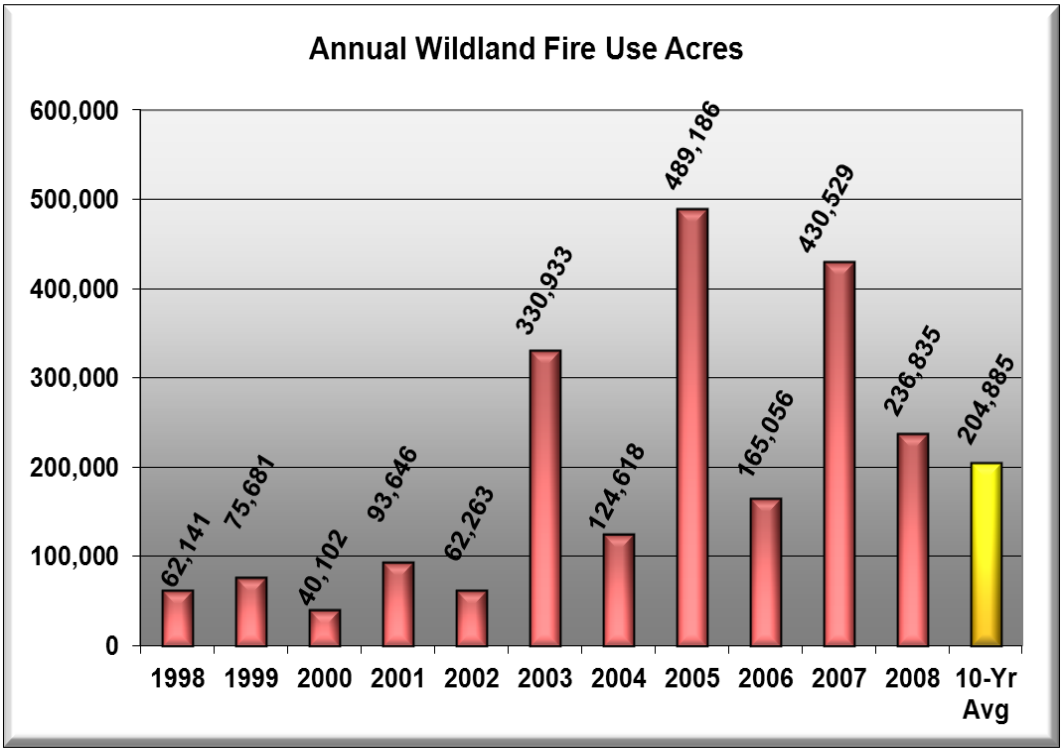
Prescribed Fire Projects by Geographic Area

GACC		2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	10 - Yr Avg
AK	**Fires**	**6**	**4**	**8**	**4**	**10**	**1**	**6**	**20**	**24**	**16**	**10**
	Acres	55,901	626	12,039	20,650	3,990	290	505	8,982	13,226	5,177	12,139
EA	**Fires**	**1,905**	**1,966**	**2,472**	**2,280**	**2,473**	**3,549**	**2,351**	**2,575**	**1,933**	**1,686**	**2,319**
	Acres	195,145	211,044	199,497	232,601	240,918	368,514	310,082	291,768	233,349	136,407	241,933
EB	**Fires**	**287**	**230**	**275**	**276**	**300**	**307**	**219**	**222**	**175**	**206**	**250**
	Acres	71,854	65,316	68,156	72,820	72,380	61,192	51,511	37,831	38,736	34,823	57,462
NO	**Fires**	**519**	**651**	**474**	**744**	**618**	**604**	**724**	**491**	**421**	**335**	**558**
	Acres	65,853	73,082	57,337	54,226	65,608	70,966	55,614	46,026	40,161	36,411	56,528
NR	**Fires**	**1,220**	**686**	**978**	**902**	**764**	**737**	**807**	**725**	**694**	**458**	**797**
	Acres	90,871	78,899	93,511	75,147	81,170	73,866	83,889	80,358	60,690	34,833	75,323
NW	**Fires**	**1,281**	**1,061**	**1,545**	**2,177**	**851**	**886**	**963**	**852**	**682**	**621**	**1,092**
	Acres	172,973	112,197	140,815	145,214	113,873	157,303	135,531	92,869	70,067	81,380	122,222
RM	**Fires**	**508**	**491**	**507**	**485**	**484**	**633**	**673**	**607**	**350**	**360**	**510**
	Acres	124,533	123,416	93,757	123,275	105,989	102,045	127,002	117,242	59,116	55,810	103,219
SA	**Fires**	**2,081**	**1,891**	**16,314**	**16,504**	**1,421**	**3,293**	**10,551**	**2,685**	**11,793**	**14,676**	**8,121**
	Acres	1,511,322	1,403,158	1,896,920	2,243,690	1,014,983	1,426,365	1,489,286	1,104,691	1,322,421	1,537,192	1,495,003
SO	**Fires**	**224**	**169**	**145**	**151**	**207**	**237**	**241**	**189**	**211**	**208**	**198**
	Acres	13,305	21,356	10,298	17,177	21,718	22,974	16,928	13,388	16,669	12,183	16,600
SW	**Fires**	**784**	**576**	**1,685**	**526**	**522**	**2,167**	**321**	**276**	**302**	**177**	**734**
	Acres	155,476	208,097	143,707	153,432	206,899	244,740	149,076	314,011	111,089	64,759	175,129
WB	**Fires**	**25**	**31**	**26**	**24**	**19**	**15**	**26**	**30**	**41**	**21**	**26**
	Acres	5,053	13,155	4,508	10,835	7,473	2,878	4,438	5,645	6,310	1,065	6,136

Wildland Fire Use Fires and Acres

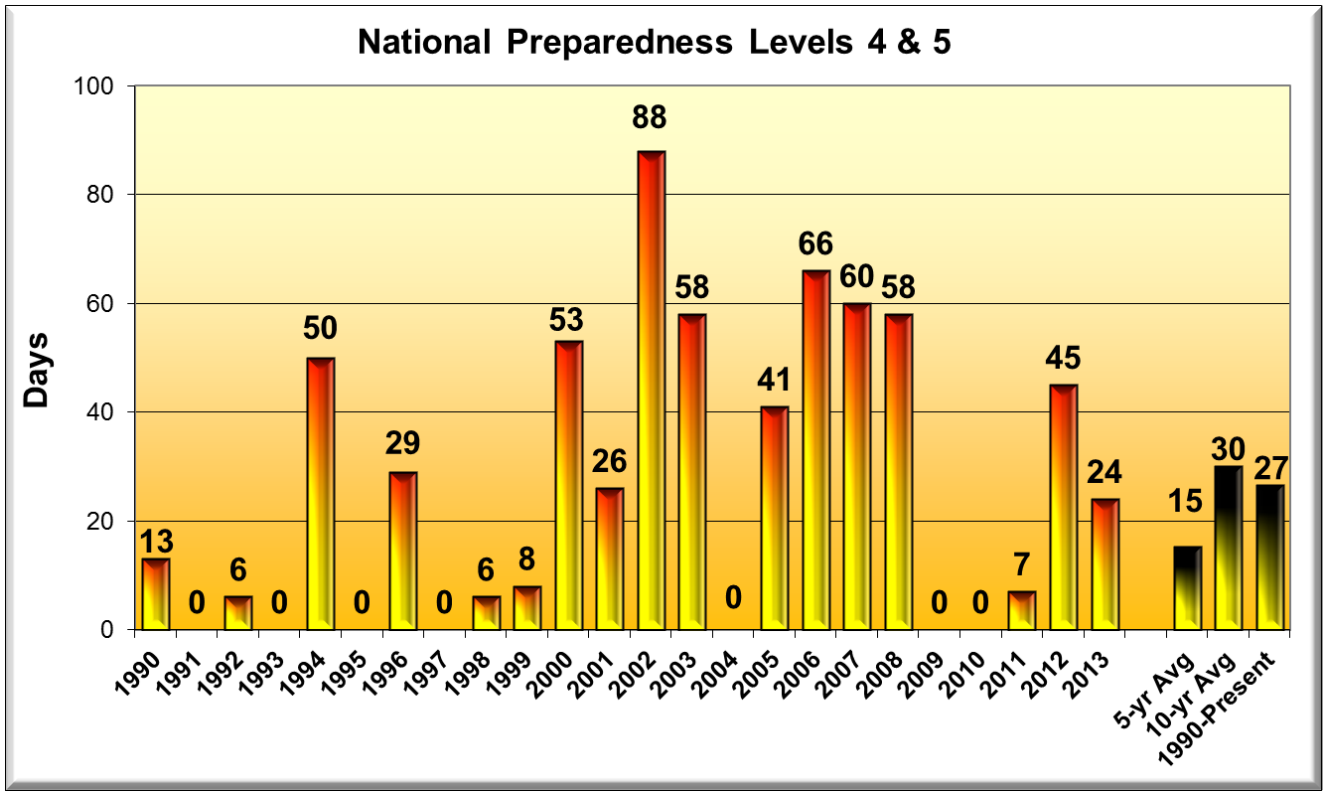
Wildland Fire Use incidents were merged with other suppression wildfires in 2009 and are no longer reported separately. The charts below are provided for historical reference.





National Preparedness Levels

In 2013 the national Preparedness Level (PL) was elevated to PL 2 on June 3, then to PL 3 on June 21. On July 12 it was reduced back to PL 2 and remained there until July 22 when it was elevated back to PL 3. On August 9 the PL was raised to 4, where it remained until August 20 when it was elevated to PL 5. On August 27 the PL was reduced to PL 4 where it remained until September 2 when it was reduced to PL 3. On September 5 the PL was reduced to PL 2 through September 23 when it dropped to PL 1 for the remainder of the year.



National Preparedness Level Summary

In 2013 there were 24 days at Preparedness Levels 4 and 5.

Year	PL1	PL2	PL3	PL4	PL5	Total Days at PL 4 & 5
1990	247	74	31	6	7	13
1991	255	103	7	0	0	0
1992	278	67	15	6	0	6
1993	268	97	0	0	0	0
1994	235	26	54	4	46	50
1995	254	96	15	0	0	0
1996	99	178	60	8	21	29
1997	216	149	0	0	0	0
1998	157	172	30	6	0	6
1999	159	165	33	8	0	8
2000	179	73	61	13	40	53
2001	188	142	9	10	16	26
2002	187	76	14	26	62	88
2003	92	155	60	10	48	58
2004	249	57	60	0	0	0
2005	233	44	47	41	0	41
2006	110	145	44	16	50	66
2007	212	76	17	21	39	60
2008	209	84	15	36	22	58
2009	275	62	28	0	0	0
2010	231	134	0	0	0	0
2011	207	93	58	7	0	7
2012	212	49	60	45	0	45
2013	253	46	42	17	7	24
5-yr Avg	**236**	**77**	**38**	**14**	**1**	**15**
10-yr Avg	**219**	**79**	**37**	**18**	**12**	**30**