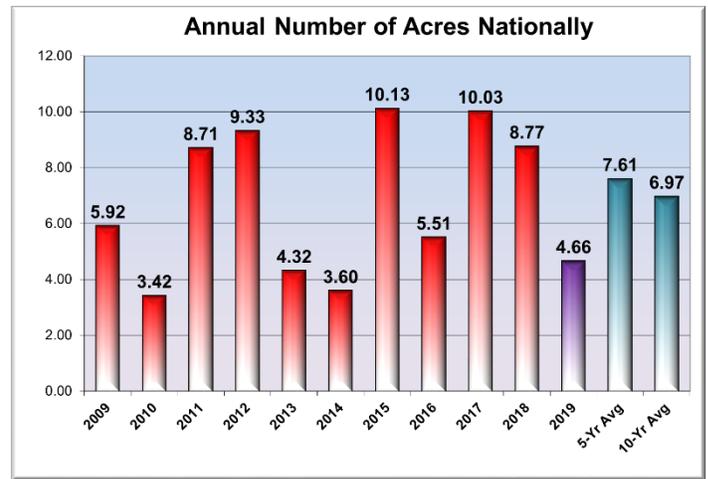
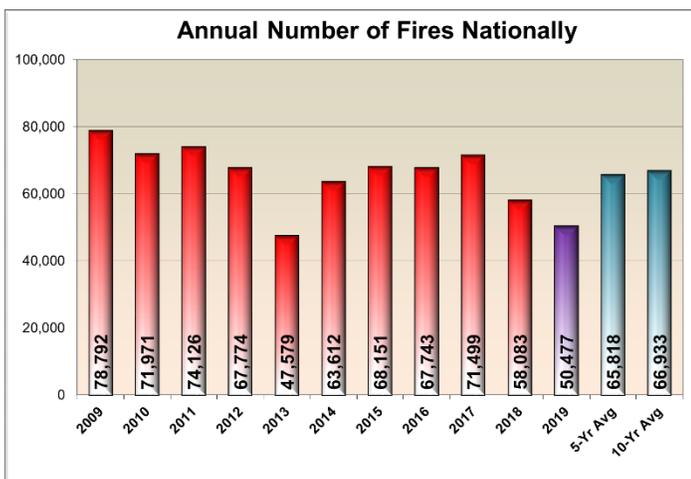


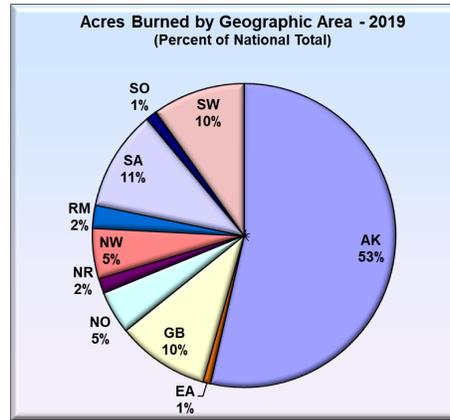
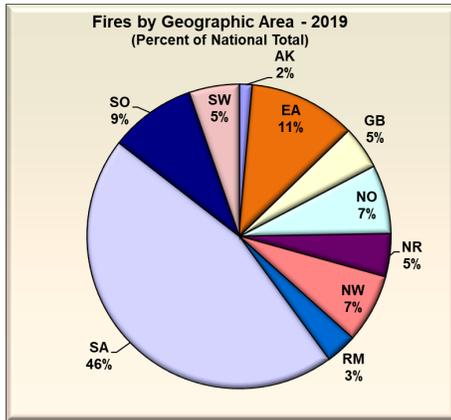
## Overall Wildfire Activity Reported to NICC

From the national perspective, 2019 was a below average fire year in the U.S., with 50,477 reported wildfires that burned 4,664,364 acres in total. In comparison to the annualized average based on the prior ten years, this represented about three-quarters of the normal number of fires and two-thirds of the normal acres burned.



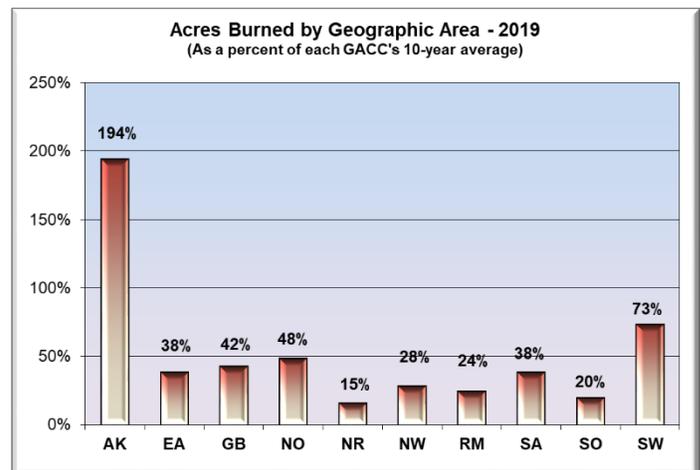
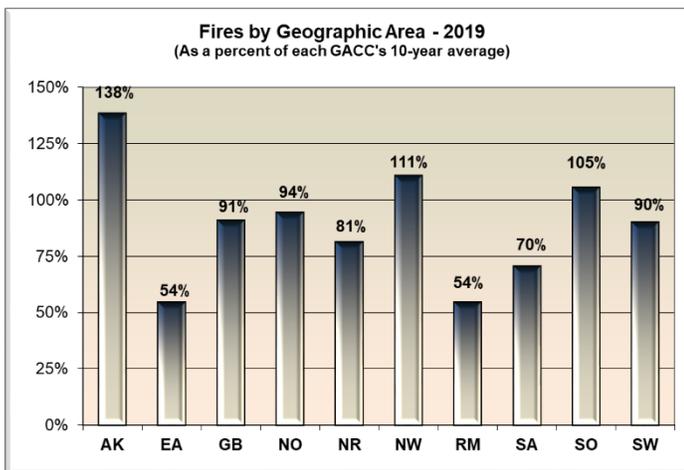
# Wildfire Activity Levels by Geographic Area

The distribution of overall wildfire activity in 2019 was similar to previous years, with the Southern Area accounting for nearly half of the fires in the U.S. A large proportion of the burned acreage shifted to Alaska in 2019, which accounted for more than half of the nation's total burned acres (in contrast, Alaska burned only 5% of the total acres in 2018). The charts below depict fires and acres as a percentage of the national total.



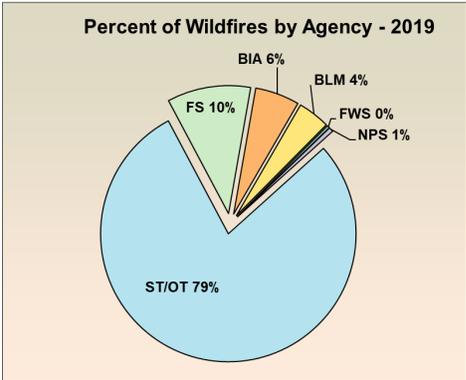
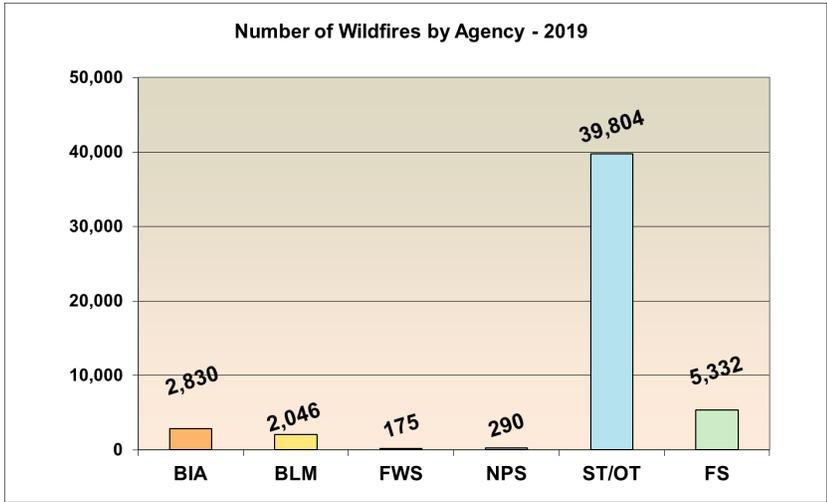
In comparison to their annualized averages from the prior 10 years, Alaska was the only Geographic Area that had above average overall wildfire activity in 2019. In the Lower 48, the western GACCs generally experienced near normal numbers of fires, but fire occurrence was below average in Northern Rockies and Southern Area. Activity was particularly muted in Rocky Mountain and Eastern areas, where fire occurrence was about half the typical amount. With the exception of the Southwest, which burned about three-quarters of its average acres in 2019, total burned acres in the remaining Lower 48 GACCs was substantially below average.

The charts below show the 2019 fire activity for each Geographic Area as a percentage of its annualized average from the prior ten years.



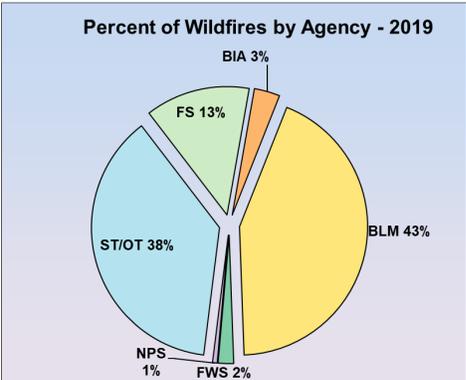
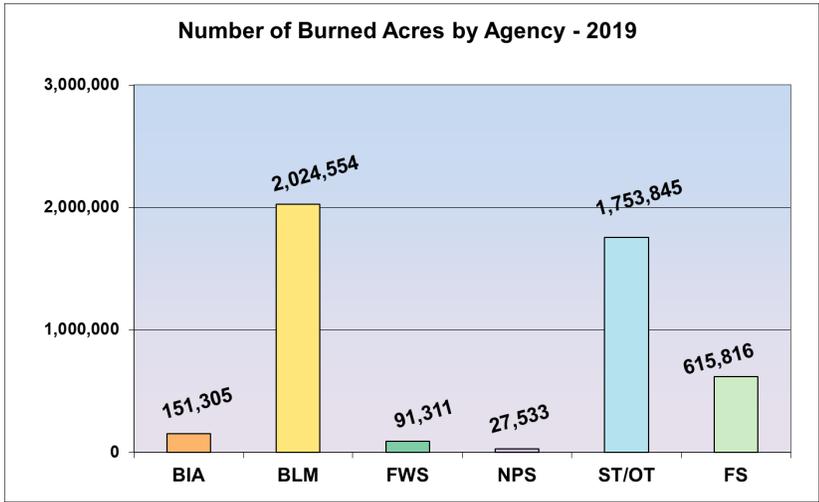
# Wildfires by Agency

The distribution of wildfires by protection agency in 2019 was very similar to prior years. About one-fifth the nation's fires occurred on federally-protected lands, nearly evenly split between US Forest Service lands and the combined lands protected by the Department of Interior agencies. The large majority of wildfires, however, ignited on private lands or other areas under state or local protection.



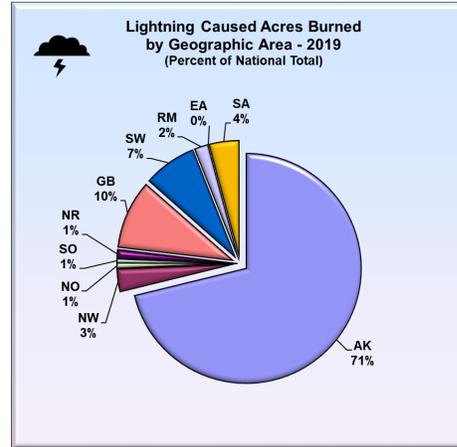
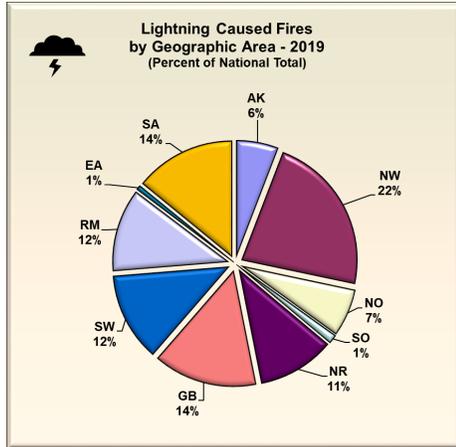
# Wildfire Acres by Agency

The distribution of burned acres shifted in 2019, primarily resulting from Alaska's many large fires accounting for a significant proportion of the national total. With the BLM Alaska Fire Service providing suppression services across more than half of the state, including much of the Interior where the largest fires occurred, the BLM's share of the nation's total burned acreage nearly doubled in comparison to 2018 and prior years. As in previous years, state-protected lands accounted for more than one-third of the total burned acreage; however, much of this shifted from the Lower 48 to Alaska due to the large fires that occurred in the southern and eastern parts of the state, which fall under the State's protection.



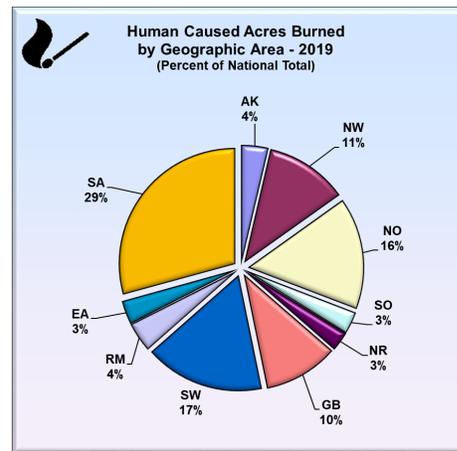
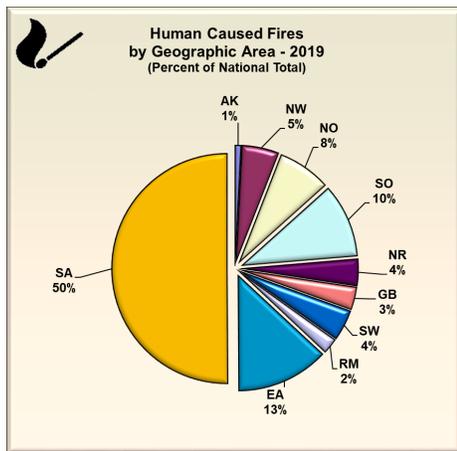
# Lightning Fires and Acres by Geographic Area

Year: 2019	AK	EA	GB	NO	NR	NW	RM	SA	SO	SW	Total
Fires	371	38	921	420	686	1,430	736	898	76	786	6,362
Acres	2,454,098	79	332,800	24,316	42,148	109,155	64,942	142,737	18,676	258,087	3,447,038



# Human Caused Fires and Acres by Geographic Area

Year: 2019	AK	EA	GB	NO	NR	NW	RM	SA	SO	SW	Total
Fires	349	5,712	1,387	3,284	1,623	2,260	948	22,101	4,556	1,895	44,115
Acres	44,061	38,773	126,584	190,426	31,894	140,321	49,743	356,188	36,416	202,918	1,217,324



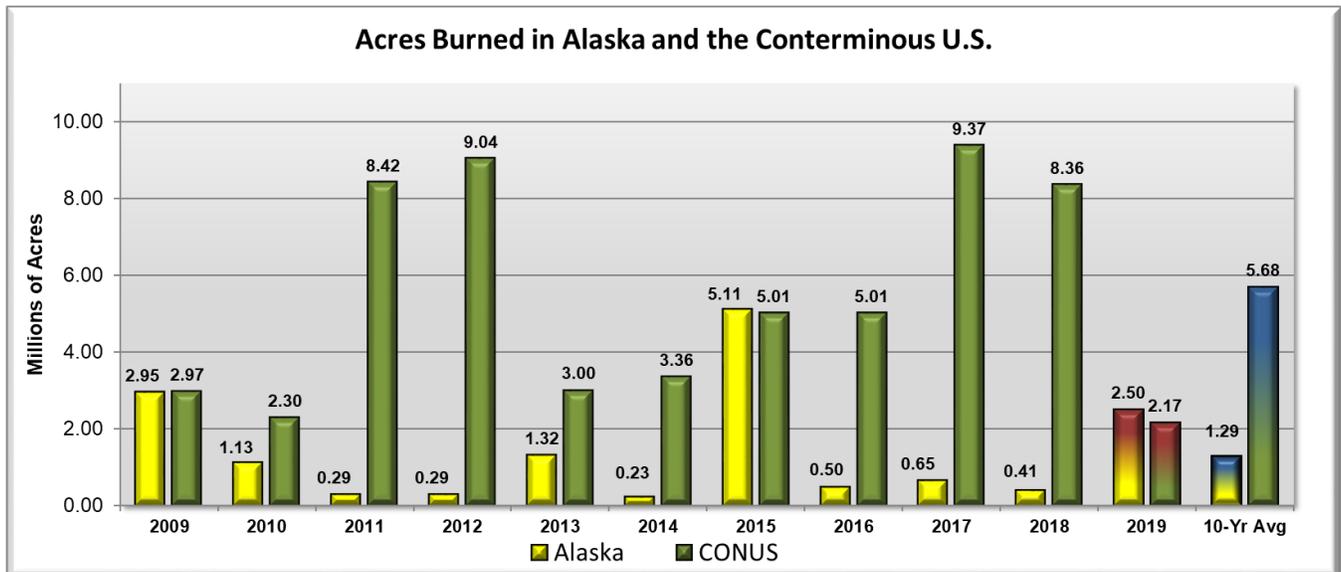
# Wildfires and Acres Burned by Agency and GACC – 2019 and prior years

Agency		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	5-Yr Avg.	10-Yr Avg.
BIA	Fires	4,375	3,825	4,274	5,753	3,239	3,377	3,886	4,056	3,843	3,472	2,830	3,727	4,010
	Acres	200,562	106,978	364,767	866,444	173,491	327,352	591,644	325,162	306,542	216,118	151,305	353,364	347,906
BLM	Fires	2,545	2,312	2,798	3,031	2,628	1,944	2,093	2,105	2,927	2,872	2,046	2,388	2,526
	Acres	989,029	830,377	959,410	3,331,273	1,012,600	871,642	4,770,133	1,183,821	2,711,267	1,905,343	2,024,554	2,288,441	1,856,490
FS	Fires	7,691	6,797	6,667	7,098	7,105	6,755	7,056	5,676	6,617	5,629	5,332	6,347	6,709
	Acres	715,677	319,730	1,729,937	2,680,233	1,365,644	871,876	1,916,302	1,247,906	2,866,031	2,307,439	615,816	1,841,911	1,602,078
FWS	Fires	448	323	442	394	332	348	194	174	252	162	175	226	307
	Acres	821,838	187,991	171,368	101,752	138,284	17,404	33,897	15,374	206,393	71,137	91,311	68,841	176,544
NPS	Fires	426	390	418	369	455	389	398	463	314	389	290	391	401
	Acres	182,047	174,255	98,147	140,807	265,755	24,949	74,780	177,901	110,349	121,092	27,533	101,814	137,008
State / Other	Fires	63,307	58,324	59,527	51,129	33,820	50,799	54,524	55,269	57,546	45,559	39,804	52,739	52,980
	Acres	3,012,633	1,803,393	5,387,738	2,205,729	1,363,772	1,482,390	2,738,393	2,559,831	3,825,504	4,146,363	1,753,845	2,950,496	2,852,575
Totals:	Fires	78,792	71,971	74,126	67,774	47,579	63,612	68,151	67,743	71,499	58,083	50,477	65,818	66,933
	Acres	5,921,786	3,422,724	8,711,367	9,326,238	4,319,546	3,595,613	10,125,149	5,509,995	10,026,086	8,767,492	4,664,364	7,604,867	6,972,600

GACC		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	5-Yr Avg.	10-Yr Avg.
AK	Fires	527	689	515	416	603	384	768	572	364	367	720	491	521
	Acres	2,951,597	1,125,419	293,018	286,887	1,316,876	233,561	5,111,404	496,467	653,023	410,683	2,498,159	1,381,028	1,287,894
EA	Fires	15,781	15,844	9,153	11,147	7,110	7,030	11,639	11,270	9,816	6,891	5,750	9,329	10,568
	Acres	118,657	130,103	213,172	146,208	64,992	54,141	100,294	98,042	41,705	50,734	38,852	68,983	101,805
GB	Fires	2,499	2,331	2,695	3,343	2,971	2,250	2,096	2,063	3,127	2,776	2,308	2,462	2,615
	Acres	170,335	735,886	886,667	2,502,018	930,795	164,802	505,483	761,622	2,103,788	2,087,922	459,384	1,124,723	1,084,932
NO	Fires	4,567	2,943	3,092	3,536	5,299	4,082	4,587	3,363	4,173	3,602	3,704	3,961	3,924
	Acres	107,411	35,674	24,200	771,486	165,194	474,826	594,048	96,706	672,448	1,496,950	214,742	666,996	443,894
NR	Fires	2,556	1,740	2,053	3,433	2,773	2,665	3,817	2,700	3,900	2,741	2,309	3,165	2,838
	Acres	69,016	70,474	198,624	1,497,972	179,459	143,271	745,947	202,140	1,551,275	147,093	74,042	557,945	480,527
NW	Fires	3,467	2,188	2,150	2,305	4,389	4,572	4,603	2,519	3,404	3,764	3,690	3,772	3,336
	Acres	177,920	150,553	303,260	1,515,596	503,993	1,383,514	1,823,473	513,226	1,121,442	1,336,096	249,476	1,235,550	882,907
RM	Fires	2,524	2,903	3,433	5,584	2,621	2,356	2,559	3,289	3,164	2,480	1,684	2,770	3,091
	Acres	107,188	151,631	517,004	1,244,073	237,121	78,345	180,822	686,921	754,747	748,956	114,685	489,958	470,681
SA	Fires	38,660	37,176	42,362	30,964	14,448	34,267	31,594	34,474	35,068	27,721	22,999	32,625	32,673
	Acres	1,227,610	624,440	3,892,567	718,624	182,650	752,694	556,267	1,591,044	1,960,764	1,591,101	498,925	1,290,374	1,309,776
SO	Fires	4,591	3,610	4,891	4,412	4,608	3,786	4,175	3,996	5,389	4,453	4,632	4,360	4,391
	Acres	305,974	83,986	104,829	99,914	412,481	80,218	304,925	479,207	595,873	348,722	55,092	361,789	281,613
SW	Fires	3,620	2,547	3,782	2,634	2,757	2,220	2,313	3,497	3,094	3,288	2,681	2,882	2,975
	Acres	686,078	314,558	2,278,026	543,460	325,985	230,241	202,486	584,620	571,021	549,235	461,005	427,521	628,571
Totals:	Fires	78,792	71,971	74,126	67,774	47,579	63,612	68,151	67,743	71,499	58,083	50,477	65,818	66,933
	Acres	5,921,786	3,422,724	8,711,367	9,326,238	4,319,546	3,595,613	10,125,149	5,509,995	10,026,086	8,767,492	4,664,362	7,604,867	6,972,600

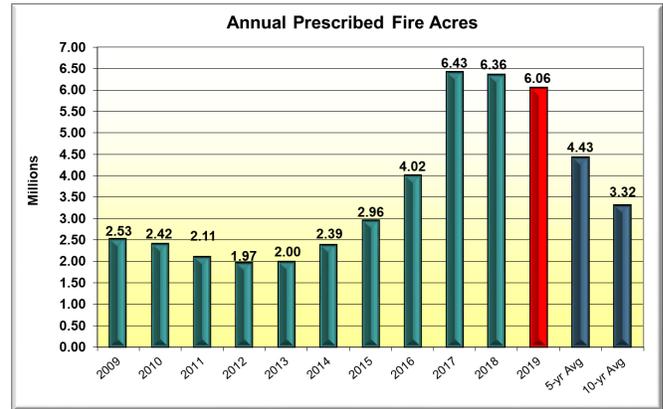
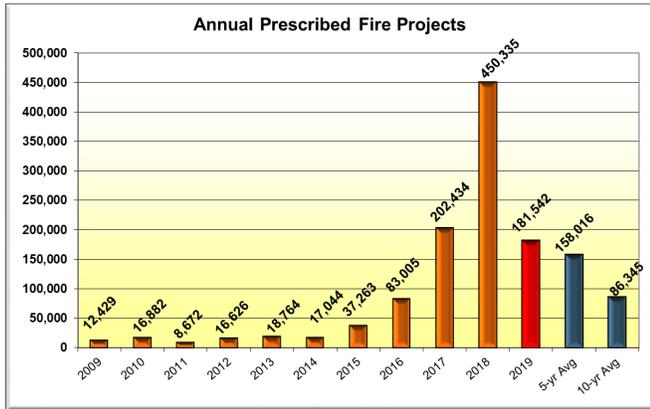
# Alaska Wildfire Activity

In 2019, the wildfires in Alaska accounted for 54% of the nation's total burned acreage. This is well above the ten-year average that sees Alaska contributing about 18% of the total burned acreage. The chart below compares annual acres burned between Alaska and the rest of the U.S.

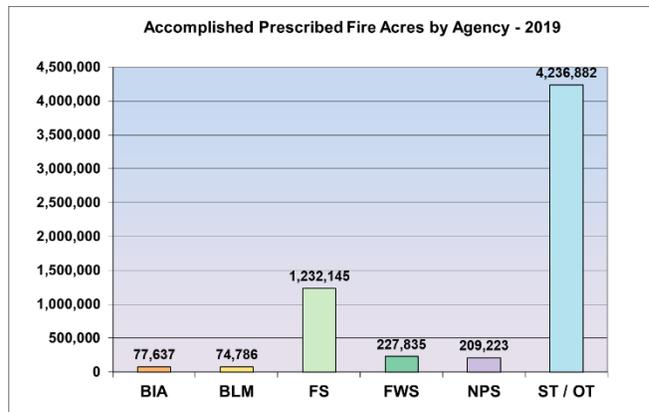
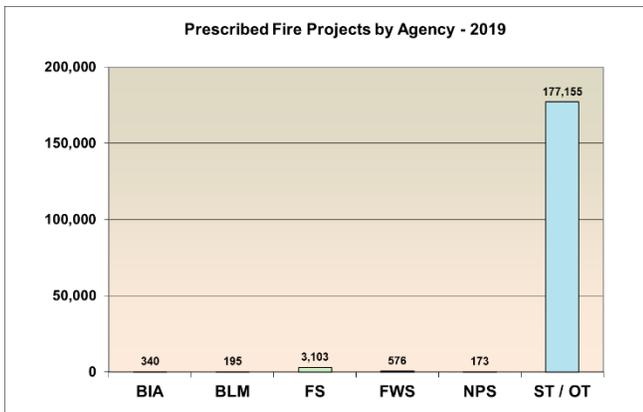


# Prescribed Fire Projects and Acres

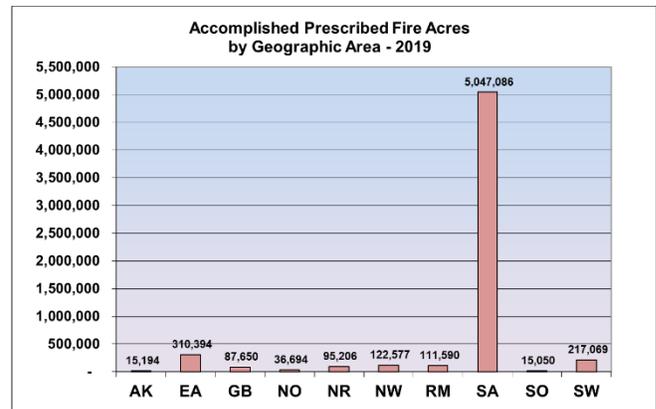
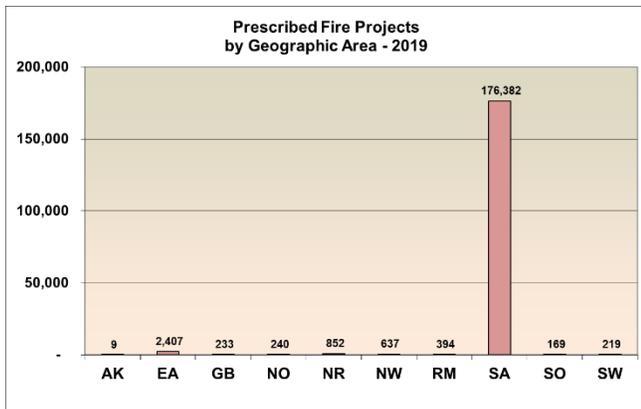
Note: National reporting of Prescribed Fire projects and acres began in 1998.



## Prescribed Fire Projects and Acres by Agency



## Prescribed Fire Projects and Acres by GACC



## Prescribed Fire Projects and Acres by Agency and GACC – 2019 and Prior Years

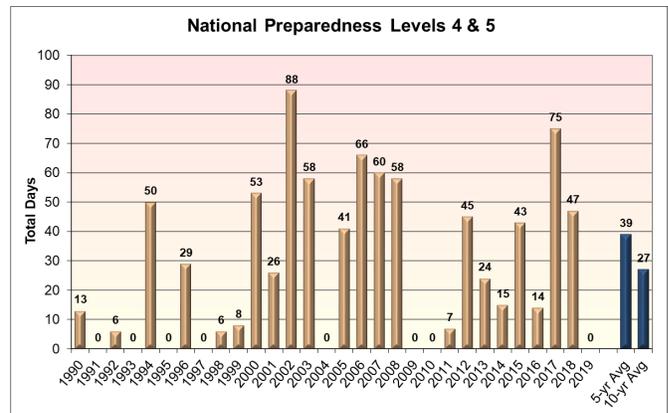
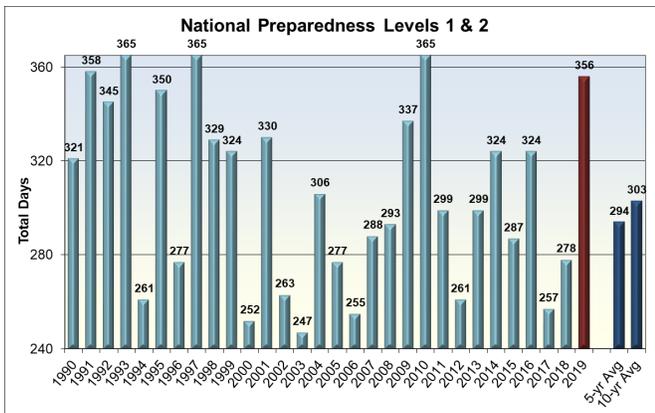
Agency		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	5-Yr Avg.	10-Yr Avg.
BIA	Fires	2,186	403	321	201	202	288	245	240	247	289	340	262	462
	Acres	151,435	124,404	111,352	62,529	80,889	109,629	77,907	99,712	89,330	82,387	77,637	91,793	98,957
BLM	Fires	552	431	383	304	328	429	334	315	188	201	195	293	347
	Acres	152,420	91,622	242,658	39,675	34,492	132,311	84,399	64,454	77,134	58,307	74,786	83,321	97,747
FS	Fires	3,795	3,766	2,890	2,719	2,497	3,021	2,995	3,061	2,323	3,076	3,103	2,895	3,014
	Acres	1,244,342	1,408,693	960,992	969,560	1,006,955	1,243,739	993,570	1,284,277	958,264	1,313,182	1,232,145	1,158,606	1,138,357
FWS	Fires	1227	1024	840	1001	530	899	727	757	586	668	576	727	826
	Acres	338,161	257,672	195,055	234,887	123,399	201,426	225,890	266,769	178,394	264,274	227,835	227,351	228,593
NPS	Fires	815	251	213	203	154	196	160	214	138	148	173	171	249
	Acres	137,719	94,500	72,045	62,357	44,347	67,937	33,377	79,881	183,029	161,676	209,223	105,180	93,687
State / Other	Fires	3,854	11,007	4,025	12,198	15,053	12,211	32,802	78,418	198,952	445,953	177,155	153,667	81,447
	Acres	507,056	446,971	530,709	602,826	709,958	634,756	1,543,117	2,220,418	4,943,229	4,481,149	4,236,882	2,764,534	1,662,019
Totals:	Fires	12,429	16,882	8,672	16,626	18,764	17,044	37,263	83,005	202,434	450,335	181,542	158,016	86,345
	Acres	2,531,133	2,423,862	2,112,811	1,971,834	2,000,040	2,389,798	2,958,260	4,015,511	6,429,380	6,360,975	6,058,508	4,430,785	3,319,360

GACC		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	5-Yr Avg.	10-Yr Avg.
AK	Fires	1	6	20	24	16	7	7	15	8	15	9	10	12
	Acres	290	505	8,982	13,226	5,177	59,591	4,953	33,577	64,950	36,284	15,194	39,871	22,754
EA	Fires	3,549	2,351	2,575	1,933	1,686	2,437	2,688	2,557	2,444	2,196	2,407	2,464	2,442
	Acres	368,514	310,082	291,768	233,349	136,407	289,368	248,862	281,752	259,664	286,946	310,394	273,318	270,671
GB	Fires	322	245	252	216	227	308	286	232	209	208	233	249	251
	Acres	64,070	55,949	43,476	45,046	35,888	48,514	42,645	58,711	47,102	50,587	87,650	49,512	49,199
NO	Fires	604	724	491	421	335	371	351	308	229	285	240	309	412
	Acres	70,966	55,614	46,026	40,161	36,411	29,146	32,196	34,533	32,752	65,491	36,694	38,824	44,330
NR	Fires	737	807	725	694	458	713	834	647	603	728	852	705	695
	Acres	73,866	83,889	80,358	60,690	34,833	79,725	67,474	60,518	52,359	85,512	95,206	69,118	67,922
NW	Fires	886	963	852	682	621	756	589	668	315	572	637	580	690
	Acres	157,303	135,531	92,869	70,067	81,380	104,084	95,035	93,682	53,293	122,170	122,577	93,653	100,541
RM	Fires	633	673	607	350	360	516	455	410	438	457	394	455	490
	Acres	102,045	127,002	117,242	59,116	55,810	81,207	75,139	106,535	104,654	108,087	111,590	95,124	93,684
SA	Fires	3,293	10,551	2,685	11,793	14,676	11,596	31,488	77,684	197,727	445,357	176,382	152,770	80,685
	Acres	1,426,365	1,489,286	1,104,691	1,322,421	1,537,192	1,590,641	2,248,409	3,179,094	5,573,996	5,432,648	5,047,086	3,604,958	2,490,474
SO	Fires	237	241	189	211	208	144	266	193	190	192	169	197	207
	Acres	22,974	16,928	13,388	16,669	12,183	7,851	14,633	12,420	14,238	22,412	15,050	14,311	15,370
SW	Fires	2,167	321	276	302	177	196	299	291	271	325	219	276	463
	Acres	244,740	149,076	314,011	111,089	64,759	99,671	128,914	154,509	226,372	150,838	217,069	152,061	164,398
Totals:	Fires	12,429	16,882	8,672	16,626	18,764	17,044	37,263	83,005	202,434	450,335	181,542	158,016	86,345
	Acres	2,531,133	2,423,862	2,112,811	1,971,834	2,000,040	2,389,798	2,958,260	4,015,331	6,429,380	6,360,975	6,058,510	4,430,749	3,319,342

# National Preparedness Levels

In 2019 the national Preparedness Level (PL) was elevated from PL 1 to PL 2 on June 13 where it remained for over seven weeks. On August 6 it was raised to PL 3 where it remained for only nine days. On August 15 the PL was dropped to PL 2 where it remained for 43 days. On September 27 the PL was lowered to PL 1 where it remained for three weeks. The PL was again elevated to PL 2 on October 18 and where it remained for 18 days. On November 5 the PL was lowered to PL1 where it remained the rest of the calendar year. With the relatively low amount of wildfire activity in all the Geographic Areas except Alaska, 2019 was the first year since 2010 that the national PL never exceeded PL 3.

2019 - Total Number of Days at Each National Preparedness Level													
PL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	31	28	31	30	31	12	0	0	4	17	26	31	241
2	0	0	0	0	0	18	31	22	26	14	4	0	115
3	0	0	0	0	0	0	0	9	0	0	0	0	9
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total:</b>	<b>31</b>	<b>28</b>	<b>31</b>	<b>30</b>	<b>31</b>	<b>30</b>	<b>31</b>	<b>31</b>	<b>30</b>	<b>31</b>	<b>30</b>	<b>31</b>	<b>365</b>



# National Preparedness Level Summary

Year	National Preparedness Level					PL1&2	PL4&5
	1	2	3	4	5		
1990	247	74	31	6	7	321	13
1991	255	103	7	0	0	358	0
1992	278	67	15	6	0	345	6
1993	268	97	0	0	0	365	0
1994	235	26	54	4	46	261	50
1995	254	96	15	0	0	350	0
1996	98	179	60	8	21	277	29
1997	216	149	0	0	0	365	0
1998	157	172	30	6	0	329	6
1999	159	165	33	8	0	324	8
2000	179	73	61	13	40	252	53
2001	188	142	9	10	16	330	26
2002	187	76	14	26	62	263	88
2003	92	155	60	10	48	247	58
2004	249	57	60	0	0	306	0
2005	233	44	47	41	0	277	41
2006	118	137	44	16	50	255	66
2007	212	76	17	21	39	288	60
2008	209	84	15	36	22	293	58
2009	275	62	28	0	0	337	0
2010	231	134	0	0	0	365	0
2011	207	92	59	7	0	299	7
2012	212	49	60	45	0	261	45
2013	253	46	42	17	7	299	24
2014	242	82	26	15	0	324	15
2015	253	34	35	19	24	287	43
2016	251	73	28	14	0	324	14
2017	185	72	33	36	39	257	75
2018	191	87	40	13	34	278	47
2019	241	115	9	0	0	356	0
	<i>5-year Average:</i>					294	39
	<i>10-year Average:</i>					303	27