

National Interagency Coordination Center

Wildland Fire Summary and Statistics Annual Report 2019



Swan Lake Fire, Alaska



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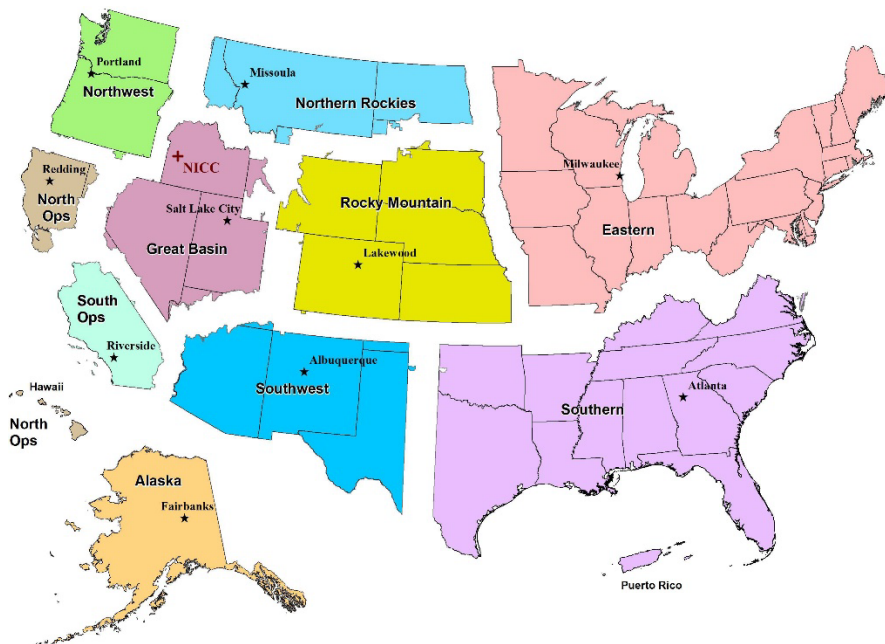
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Preface

Statistics used in this report were gathered from the interagency Fire and Aviation Management Web Applications (FAMWEB) system, which includes the Situation Report and Incident Status Summary (ICS-209) programs¹. Previous National Interagency Coordination Center (NICC) annual reports and other sources were also used in this document. The statistics presented here are intended to provide a national perspective of annual fire activity, but may not reflect official figures for a specific agency. The statistics are delineated by agency and Geographic Area. Pie chart figures are rounded to the nearest whole percentage point. This document and prior year annual reports are available electronically on NICC's Intelligence web page: <https://www.predictiveservices.nifc.gov/intelligence/intelligence.htm>.

Resource mobilization statistics used in this report were gathered from the interagency Resource Ordering and Status System (ROSS), which tracks tactical, logistical, service and support resources mobilized by the national incident dispatch coordination system. Statistics presented in this report are the resources requested by any of the ten Geographic Area Coordination Centers (GACC) and processed through NICC². Requests by FEMA are placed to NICC through Emergency Support Function (ESF) #4 (Firefighting). The resource ordering process and procedures may be found in the National Mobilization Guide. The National Mobilization Guide can be found on the NICC web site (<https://www.nifc.gov/nicc/>) under reference materials.

Geographic Area Coordination Centers



¹ Situation Report and ICS-209 data are considered situational and provisional, as they are reported while wildfire activity and incidents are occurring, plus they do not account for all wildland fires and their final outcomes. Some wildfires, including many that are suppressed solely by private citizens or local fire departments (not by wildland fire management agencies), are never reported to any Dispatch Center that submits Situation Report data. Additionally, ICS-209 reports are not required for the small, short duration wildfires that comprise the vast majority of overall fire occurrence annually. For official data and summary statistics, one must contact each of the individual agencies affected and refer to their final fire reports and other authoritative sources of agency-specific information.

² Because this report only tallies resource requests processed through NICC, it excludes the substantial number of ROSS orders that were placed and filled within the same GACC. It also excludes any resource usage not tracked in ROSS, such as local dispatch of initial attack resources.

2019 Fire Environment Summary

Winter (December 2018 – February 2019)

The winter began under a very active westerly flow pattern that allowed for several wet systems to move into the Pacific Northwest and California from the Pacific Ocean and move across the Great Basin on an easterly track. The focus of the precipitation associated with these systems was over California and the Great Basin, including the Four Corner States. Mountain snowpack began to quickly build. While productive for precipitation, this progressive pattern was not initially conducive for frequent, severe arctic weather intrusions from Canada. So extreme conditions were not prevalent across the northwestern states in early winter; however, that would change as the overall weather pattern became more amplified in late January and February. Interspersed between passing weather systems, were the periodic high pressure ridge events that led to significant fog episodes in the prone areas like the Columbia Basin, northern Idaho, and western Montana. In late January, there was a pronounced change in the overall weather pattern. The active pattern across the southwestern quarter of the country continued, but the pattern across the northwestern quarter of the country and the East became more amplified. This opened the door for several very long duration arctic weather outbreaks across the northern Great Plains, and it produced overall drier than average conditions across the northern Cascades.

Precipitation trends in December were near to slightly below average across the West early in the month and near average in the East. Alaska experienced overall drier than average conditions across its interior. By mid-month, the active weather pattern became more entrenched. This allowed for the precipitation to trend towards average amounts. Exceptions to this were the central Great Plains, which experienced 400% of average precipitation, and the Montana Hi-Line, which received just 10% of average precipitation. The active weather pattern continued in January and February as passing systems became stronger and more moist as they moved east across the Great Basin. By mid-January and February, most locations across central portions of the country were receiving 100% to 300% of average precipitation. Exceptions to this were the Southeast, West Texas, New Mexico, and the North Cascades of Washington, which received between 10% and 75% of average precipitation. The overall effect on the western drought was positive as areas encompassed by moderate or greater drought conditions began to rapidly diminish except along the Canadian Border with Washington, where it persisted. The Alaskan Interior remained dry.

Temperatures were generally near average across the West in December and January and above average in the East. Between mid-January and mid-February, the Upper Midwest experienced temperatures that were at least 9 degrees above average. That was about to change as the weather pattern began to shift entering February, when a very cold airmass moved south out of central Canada into the northern Great Plains and Upper Midwest. This airmass was repeatedly reinforced by secondary intrusions of frigid air. The cold air gradually became more firmly entrenched across the West and the remainder of the Great Plains as the active weather pattern continued. This effectively enhanced mountain snowfall production.

The impacts on mountain snowpack were positive. Most basins went from trending near average to being well above average by the end of February. Snowpack across the Northern Rockies was generally between 100% and 120% of average. Further south, along the storm track, values ranged between 120% and 180% of average. Only the North Cascades showed below average snowpack, as levels were between 76% and 83% of average. Alaska's snowpack across the central Interior and along the northern Gulf Coast was between 39% and 79% of average.

Spring (March – May)

A large, broad trough of low pressure developed and lingered over the country during March, which allowed for cooler than average conditions to spread across the nation. While the airmass was not as brutally cold as central Montana was in February, where the average temperature in Great Falls was below 0 degrees, it was still cold. Frequent pulses of moisture moved east within the overall pattern. By the end of March, the broad trough began to weaken and move east. This allowed for a warming and drying trend to begin across the West as high pressure ridges became a more common feature. The wetter than average conditions continued across the East as the impacts from the departing trough continued to be felt. May was a month of transition as a progressive pattern resumed. The month featured weather conditions that varied between warm and dry (brought on by passing weak high-pressure ridges) to cool and wet (brought on by passing strong low pressure systems).

Wetter than average conditions continued in March across central portions of the country from California to Nebraska to Indiana. The Sierra Nevada Mountains and much of the Great Basin received as much as 400% of average precipitation. In contrast, areas along the Canadian Border and across the Gulf Coast states received between 25% and 75% of average rainfall. A reversal of this occurred in April, when the Gulf Coast states received as much as 400% of average precipitation and the central portions of the country from California to Iowa received just 50% of average precipitation. A very wet pattern developed in May across the Great Basin and California. Nearly half of the areas in Southern California and the Great Basin received at least 400% of average precipitation. This abundant precipitation led to a substantial crop of grasses and other fine fuels. Temperatures during the spring were generally below average, except in April, where the West and the East Coast exhibited temperatures that were between 2 and 4 degrees above average. Temperatures across Alaska were generally above average during the period. By late May, the western drought had all but been eradicated. Only small areas of Moderate Drought remained across the northern Cascades and the Okanogan as well as the Four Corners area.

Final snowpack numbers were even more impressive than the previous year across the Great Basin, California, and the Southwest. There were reports of ski resorts in the Sierra having to close due to too much snow! Basin averages ranged from about 120% to 200% of average. Looking north along the Canadian Border, amounts were near to slightly below average. This was due to this area being slightly north of the winter's average storm track. The snowpack across the Alaskan Interior showed slight signs of improvement late, but basin averages rose to only 65% to 75% of average.

Summer (June – August)

The summer of 2019 was atypical in many ways. Across the Lower 48, the spring-like pattern held through June and into early July. The development of long-duration, hot high pressure ridge events in the West did not occur. On the contrary, June and July were cooler than average. This resulted in a longer than average green-up and delayed curing cycle in the fine fuels. It also promoted a slower than average melting rate of the mountain snowpack. These conditions, along with the ample spring moisture, allowed for the growth of a very dense, continuous grass crop across the West, which raised concerns about the increased fuel loading and its inevitable flammability once cured. When the summer heat arrived in August, the typical weather events were not as intense nor long in duration. The southwestern monsoon was delayed and did not arrive until the second week of July. Even then, it was weaker than average due to a lack of tropical influxes of moisture. Moreover, the monsoon tended to track along its eastern extent, providing little relief to

ongoing dry conditions in western Arizona, where fire season persisted through August.

While temperatures were generally 2 to 4 degrees below average in June and July, except along the West Coast, where they were generally about 2 to 4 degrees above average, precipitation was mostly below average across the West. As is typical, rainfall events became less frequent as the period progressed. Amounts received were generally less than 50% of average. Impacts from this were offset by the late spring moisture received and the cooler than average temperatures. In the East, conditions were generally wetter than average, with near average temperatures reported. A dry signal did begin to emerge in the Carolinas, Georgia, and Alabama in July, but impacts from this were mitigated by a series of rain events that occurred in early August. Pronounced hot and dry conditions across Texas led to an elevation of fire activity across central and western portions of the state in August as drought began to take hold beneath a flat but strong Four Corners high pressure area.

Slightly warmer and drier than average conditions developed across the West in August. This allowed for fuels to finally become receptive to fire activity. A pair of multi-day lightning bursts produced an upturn in fire starts. However, a lack of significant winds prevented rapid growth on most fires. In fact, the first significant wind event did not occur until the end of the month. It occurred in the Great Basin, where fuels were already beginning to recover. Higher elevations in the Sierra, the Cascades, and across the Northern Rockies were never able to fully enter the fire season due to the late melting of the mountain snowpack.

Conditions were different in Alaska. June and early July were very convective. In general, storms were wet, but they produced substantial lightning across the Interior, which started numerous fires. A pattern shift to extraordinary hot and dry conditions occurred at the end of June to the second week of July. Many locations across the state shattered previous all-time record high temperatures over a three to four-day period starting on Independence Day, and July 2019 became the hottest month on record for the state as a whole. The critically dry conditions across the Interior worsened. The Canadian Forest Fire Danger Rating System indices that are used in Alaska reached peak values that were literally off the charts, un-plottable. Drought across the Interior rapidly took hold and expanded. The late summer rains arrived later than usual in early August but missed the south-central portion of the state. The abnormally dry conditions allowed for fire activity to continue on the Kenai Peninsula, Mat-Su Valley, and Copper River Basin through the month before ending.

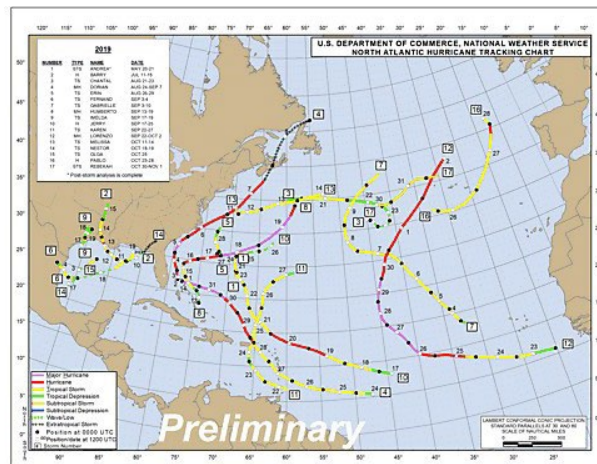
Autumn (September – December)

The western fire season began to wind down in September across the northwestern portion of the country as the frequency of passing cool and wet systems began to move across the Northern Tier of the country. By late in the month, higher elevations across Washington, Idaho, and Montana were beginning to see snowfall. On September 27, a southward-moving Canadian cold front interacted with a very moist system approaching from the Pacific Ocean to produce as much as four feet of snow across portions of central Montana.

While the cool and wet pattern persisted across the Pacific Northwest in September and early October, abnormally dry conditions begin to emerge across California and the Great Basin, where precipitation amounts received during September were generally 25% or less than average. Nonetheless much cooler than average temperatures, along with decreasing afternoon heating resulting from shorter days, helped lessen increases in fire potential in most areas across the West except California. The onset of the fall Foehn wind (Santa Ana, Sundowner, Diablo, and North winds) season began in early October. The downsloping winds and off-shore flow allowed for

temperatures to elevate, which in turn resulted in lengthy periods of very low humidities. The periodic winds plus the lower humidities allowed for fire activity across the state to increase. The frequency of the events increased through the month becoming nearly a daily occurrence during the last days of October.

Looking elsewhere during the period, both Texas and the Southeast became quite dry. Tropical activity in the Gulf of Mexico was less active than recent years, and the East Coast was spared a significant impact from Category 5 Hurricane Dorian as the storm turned to the north and then to the northeast just off the Florida's Atlantic Coast. Most locations across the South and East received around 25% of average precipitation. Regionally, temperatures were 6 to 10 degrees above average. These conditions allowed for Moderate to Severe Drought conditions to emerge in some areas, and for fire potential to begin elevating ahead of the fall leaf drop. In mid-October, a series of wet systems and fronts began to provide relief to the Appalachian Mountains and surrounding areas. While the drought remained, the fire potential decreased. Texas, however, remained warmer and drier than average.



The dry conditions across much of the West continued well into November. The intake of late season moisture into the vegetation prior to dormancy did not occur. This could prove to be problematic entering fire season 2020, particularly when coupled with the already elevated loading of fine dead fuels that will carry over from 2019 in areas that have not burned. The below average temperatures observed across most of the West during October began to trend upward toward normal and even above normal. Drought continued to slowly expand during this period.

A pattern change occurred during late November and early December. The high pressure ridge located off the West Coast flattened and allowed for a more active, wetter pattern to emerge. The Pacific Northwest, California, and the Southwest began to receive much needed precipitation. Early season mountain snowpack levels in the Sierra began to rebound. By mid-month, most of the southwestern quarter of the country had received more than 200% of average precipitation or greater over the past 30-day period. Temperatures were near average.

National Fire Activity Synopsis

The 2019 fire season was below normal for number of reported wildfires (75% of the 10-year annual average). There were 50,477 wildfires reported nationally (compared to 58,083 wildfires reported in 2018). The number of acres burned was also below normal in 2019 (67% of the 10-year average). Wildfires consumed 4,664,364 acres reported nationally (compared to 8,767,492 acres reported in 2018). Nearly 2.5 million acres burned in Alaska alone, accounting for more than half of the nation's total burned acreage.

In comparing the individual Geographic Areas' 2019 reported fire occurrence with their annual average from the prior 10 years, Alaska (138%) was the only area that experienced significantly above average fire occurrence in 2019, while the Northwest (111%) reported slightly above average fire occurrence. Both Southern California (105%) and Northern California (94%) saw near average fire occurrence. Fire occurrence in the remaining areas – Great Basin (91%), Southwest (90%), Northern Rockies (81%), Southern Area (70%), Rocky Mountain (54%) and Eastern (54%) – was below average.

With a similar comparison of 2019's burned acreage versus the 10-year average, only Alaska (194%) experienced above average acres burned. All other Geographic Areas saw below average acres burned: Southwest (78%), Northern California (48%), Great Basin (42%), Eastern (38%), Southern Area (38%), Northwest (28%), Rocky Mountain (24%), Southern California (20%) and Northern Rockies (15%). Only 27 fires and complexes exceeded 40,000 acres in 2019, which is 21 fewer than 2018 (see Significant Fire Activity below for a list of those fires).

A total of 963 structures were reported destroyed by wildfires in 2019, including 444 residences, 482 minor structures, and 37 commercial/mixed residential structures. This is well below the annual average of 2,593 residences, 1,600 minor structures, and 94 commercial/mixed residential structures destroyed by wildfire. California accounted for the highest number of structures lost in one state in 2019: 315 residences, 22 commercial/mixed residential structures and 232 minor structures. Alaska was second with 57 residences and 92 minor structures lost.

Requests for firefighting resources placed with NICC during the 2019 fire season were fewer than the 10-year average in all categories. Filled requests for crews, engines, overhead, helicopters and heavy airtankers also were well below their respective 10-year averages.

National Type 1 Incident Management Teams were mobilized 14 times (down from 47 in 2018) and spent a total of 183 days on assignments (down from 658 days in 2018). Type 2 Teams were mobilized 44 times (down from 107 in 2018), for a total of 480 days assigned to incidents (down from 1,403 days in 2018). No Area Command teams were mobilized in 2019 (also zero assignments in 2018). National Incident Management Organizations (NIMO) mobilized 6 times in 2019.

Significant Incidents Over 40,000 Acres

Of the 27 largest fires in 2019, 70% (19 fires), including all but two of the nation's 15 largest fires, occurred in Alaska.

Name	GACC	State	Start Date	Contain or Last Report Date	Size (acres)	Cause*	Estimated Cost
Old Grouch Top	AK	AK	6/5	8/1	307,969	L	\$61,000
Frozen Calf	AK	AK	6/24	7/11	240,543	L	\$4,332,806
Hess Creek	AK	AK	6/21	8/1	189,369	L	\$3,005,369
Swan Lake	AK	AK	6/5	10/2	167,183	L	\$48,101,094
Bearnose Hill	AK	AK	6/29	7/11	130,768	L	\$2,108,024
Woodbury	SW	AZ	6/8	7/5	123,875	U	\$20,000,000
Sheep	GB	ID	6/22	7/25	112,106	L	\$710,000
Black River	AK	AK	6/18	8/8	107,078	L	\$30,000
North River	AK	AK	6/10	7/21	101,451	L	\$40,000
Tractor Trail 2	AK	AK	6/22	7/11	92,628	L	\$461,188
Hurst Creek	AK	AK	6/22	7/4	85,261	L	\$231,175
Little Crazy Mountain	AK	AK	6/21	7/25	79,953	L	NR
Little Mud River	AK	AK	6/21	7/25	79,675	L	NR
Kincade	NO	CA	10/23	11/7	77,758	U	\$77,144,684
Smith Creek	AK	AK	6/30	8/2	71,815	H	NR
Pothole	GB	ID	8/6	8/8	69,704	H	\$600,000
Hadweenzic River	AK	AK	6/22	7/19	62,068	L	\$5,004,308
Walker	NO	CA	8/16	9/25	54,608	U	\$35,600,000
Wilderness	AK	AK	6/20	7/25	53,411	L	\$60,000
Foraker	AK	AK	6/26	7/25	49,980	L	\$203,477
Grouse Creek	AK	AK	7/10	8/7	49,533	L	\$2,000,000
Page Mountain	AK	AK	6/22	8/1	46,897	L	\$394,900
Williams Flatt	NW	WA	8/2	8/24	44,446	L	\$19,432,000
Bergman Creek	AK	AK	6/21	7/25	42,300	L	\$1,233,004
Sawgrass	SA	FL	6/23	6/27	42,000	L	NR
Cold Creek	NW	WA	7/18	7/21	41,920	U	\$900,000

Name	GACC	State	Start Date	Contain or Last Report Date	Size (acres)	Cause*	Estimated Cost
Tettjajik Creek	AK	AK	7/2	7/11	41,300	L	\$40,341

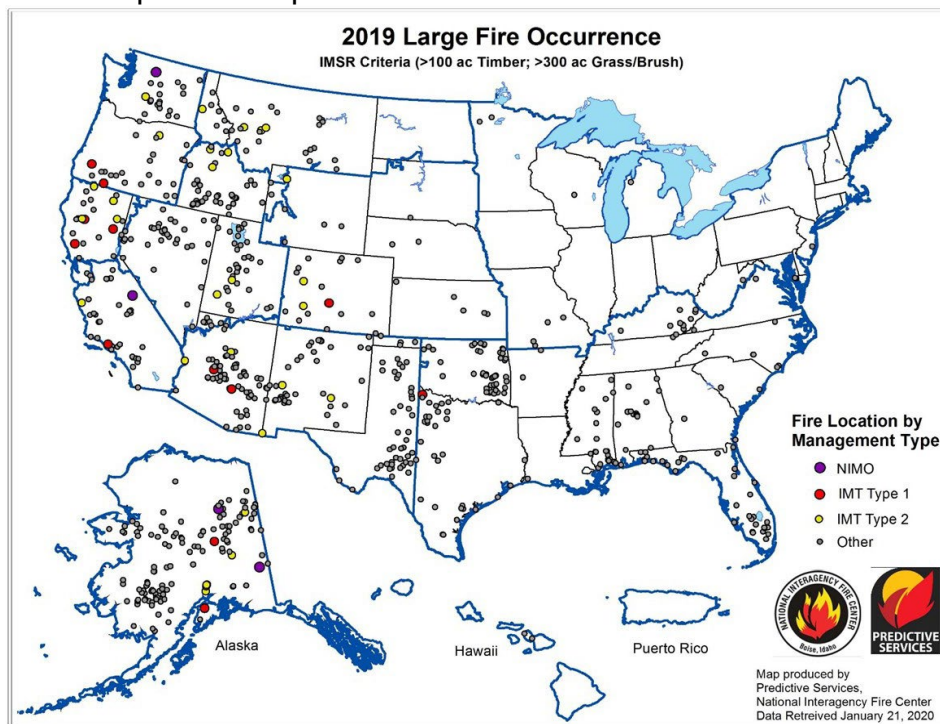
* L – Lightning H – Human U – Unknown/Under Investigation OT - Other NR – Not Reported

Information in the above table was derived from ICS-209 reports submitted via FAMWEB. This information may not reflect final official figures.

Significant Fire Activity

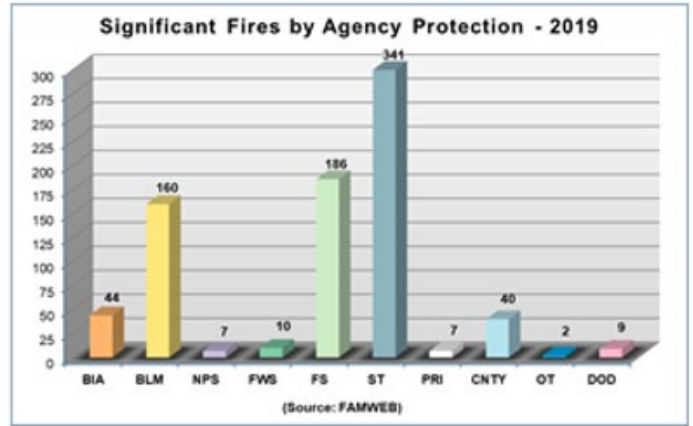
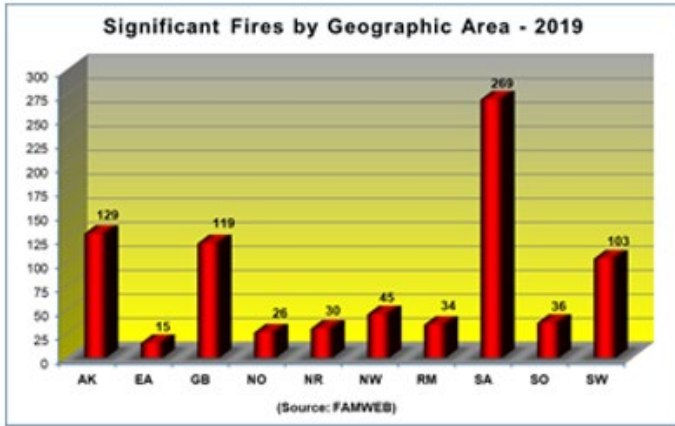
Significant fires are defined in the National Mobilization Guide as fires that burn a minimum of 100 acres in timber fuel types or 300 acres in grass and brush fuel types or are otherwise managed by a Type 1 or 2 Incident Management Team or NIMO.

There were 806 significant wildfires and complexes reported in 2019 (derived from ICS-209 reports submitted through FAMWEB). Significant wildfires represented about 2% of total wildfires reported nationally in 2019. The map below depicts the locations of these fires.



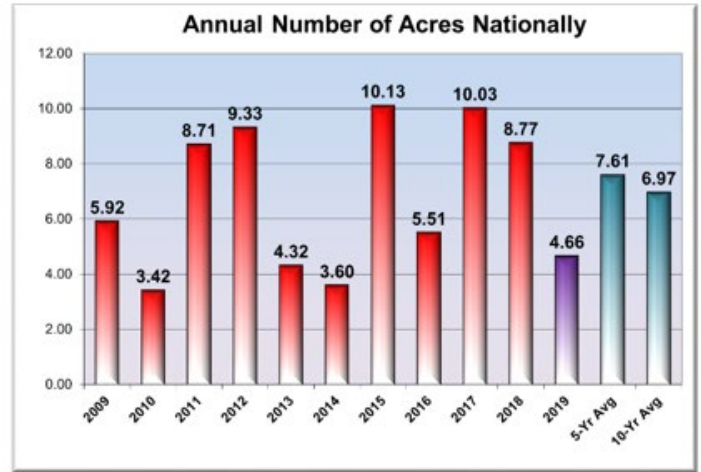
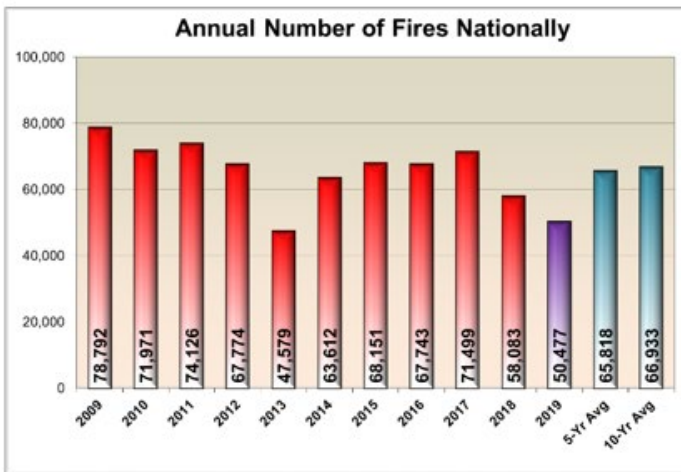
Percent of Reported Significant Fires by Geographic Area

AK	NW	NO	SO	NR	GB	SW	RM	EA	SA
16%	6%	3%	4%	4%	15%	13%	4%	2%	33%



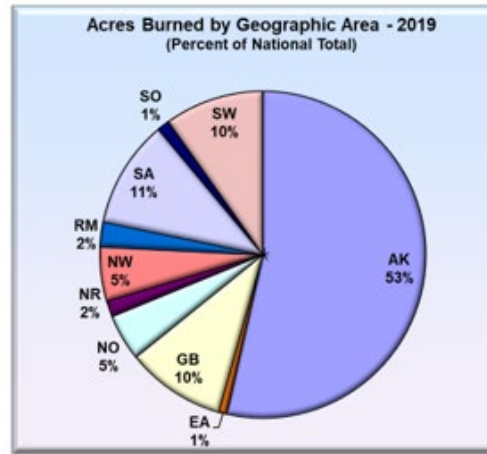
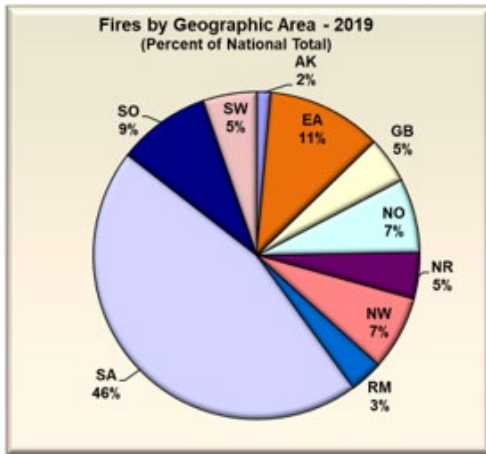
Overall Wildfire Activity Reported to NICC

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.



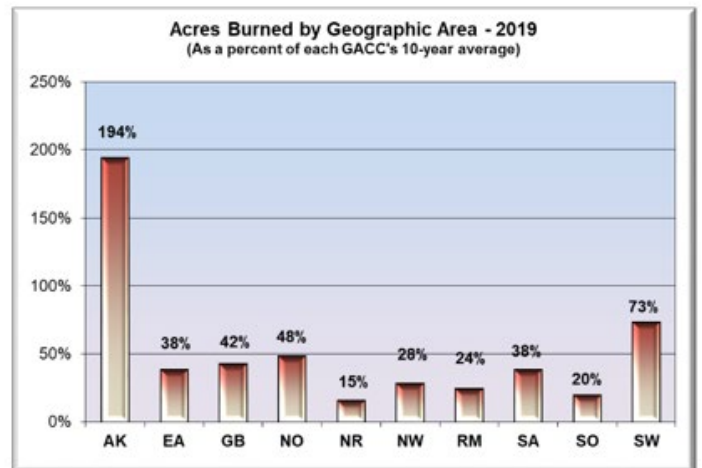
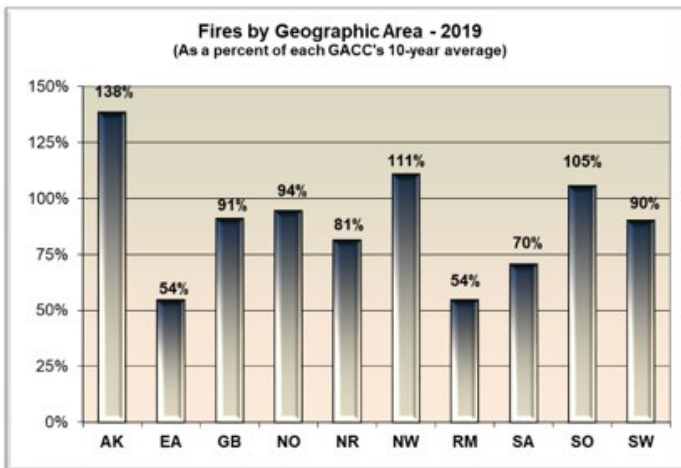
Wildfire Activity Levels by Geographic Area

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.



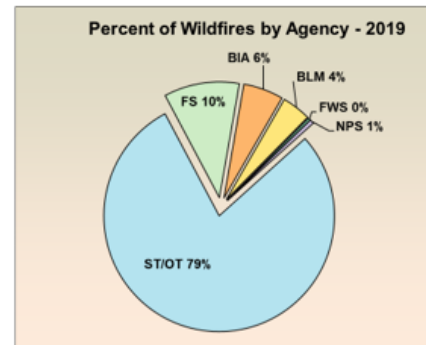
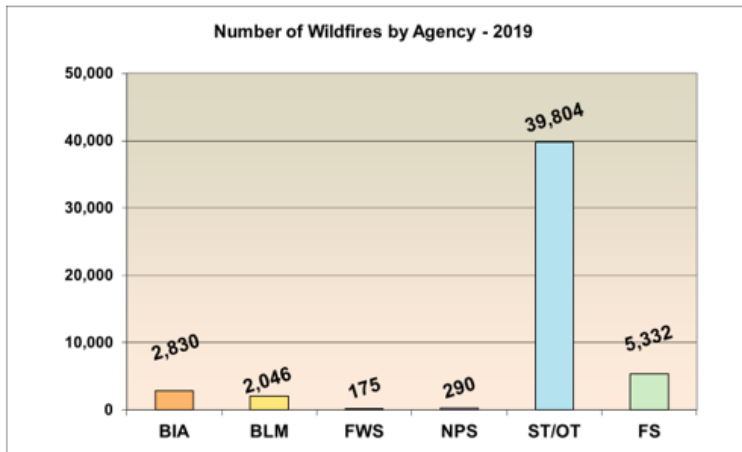
In comparison to their annualized averages from the prior 10 years, Alaska was the only Geographic Area that had above average overall wildfire activity in 2019. In the Lower 48, the western GACCs generally experienced near normal numbers of fires, but fire occurrence was below average in Northern Rockies 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.



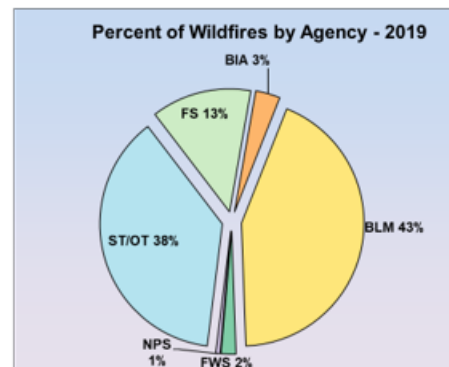
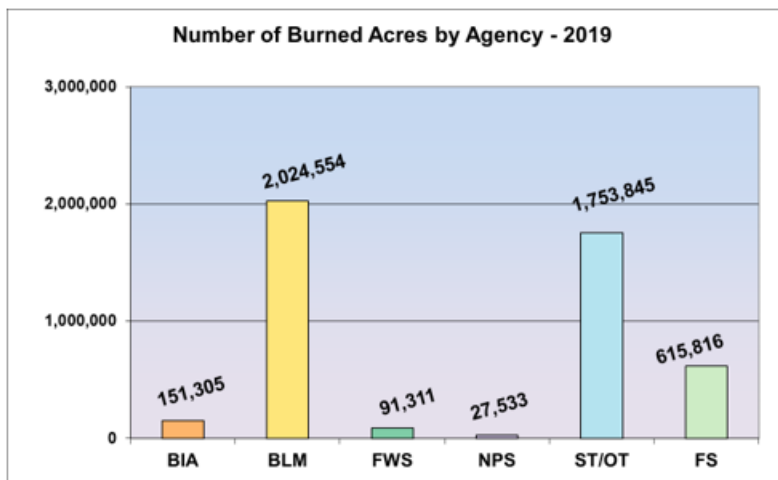
Wildfires by Agency

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.



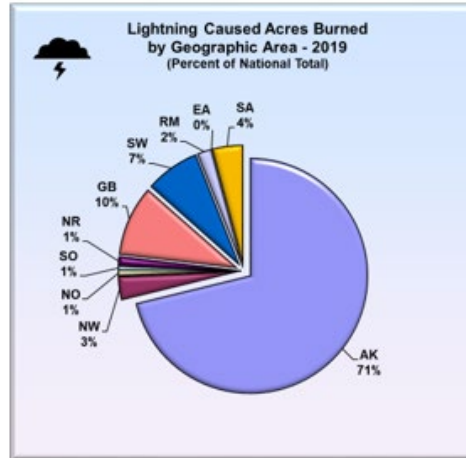
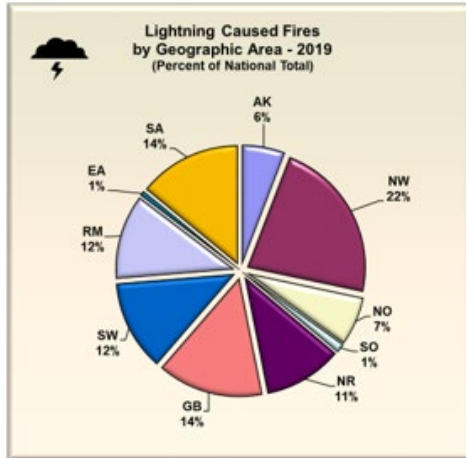
Wildfire Acres Burned by Agency

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.



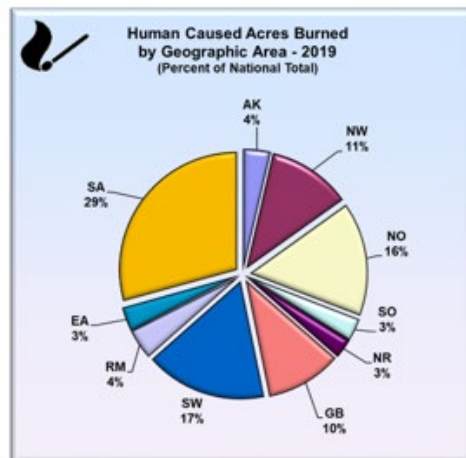
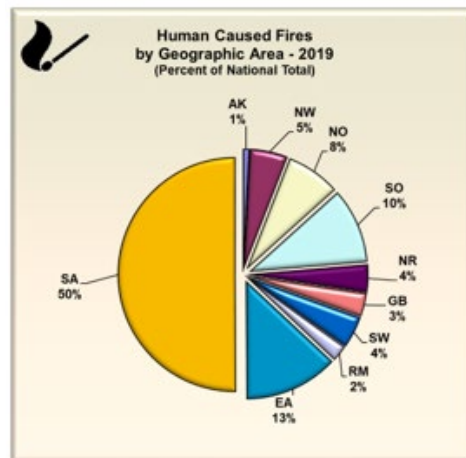
Lightning Fires and Acres by Geographic Area

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



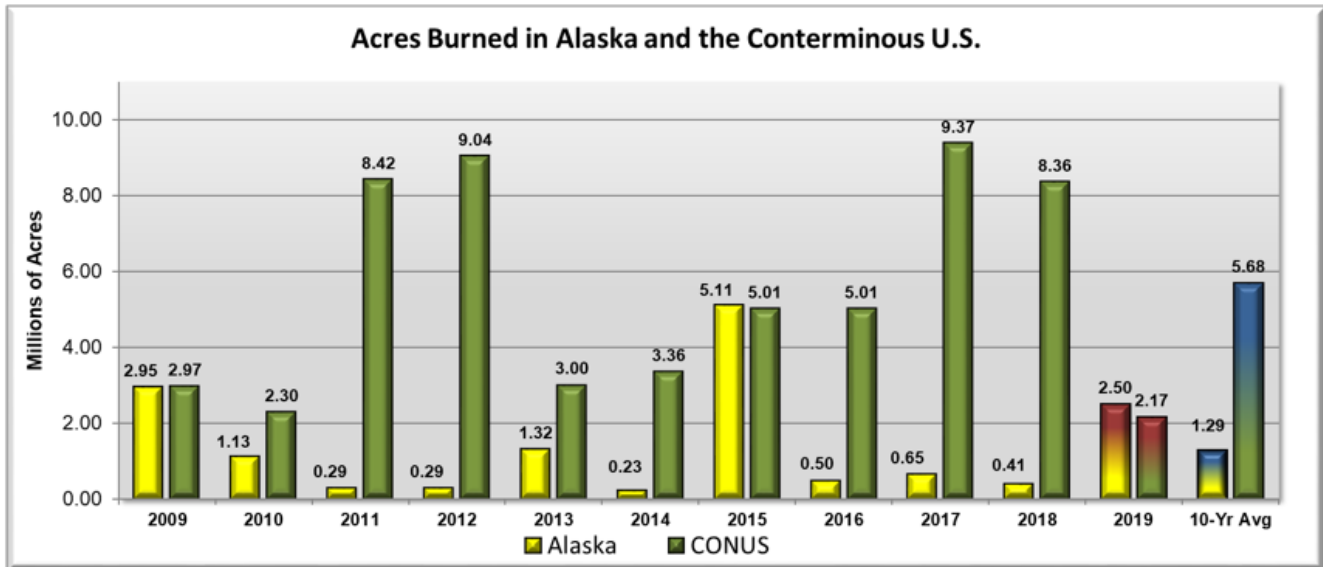
Wildfires and Acres Burned by Agency and GACC: 2009 – 2019

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	871,842	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	5,921,788	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	249,478	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	83,886	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	5,921,788	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

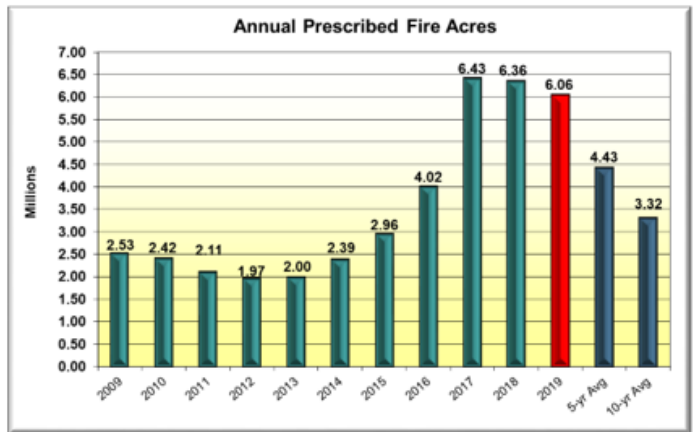
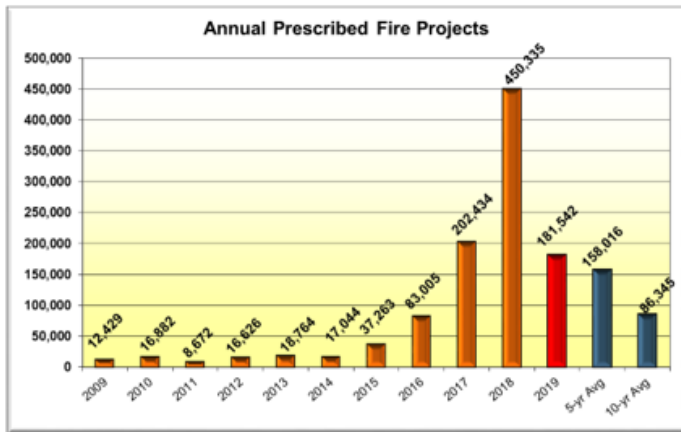
Alaska Wildfire Activity

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.

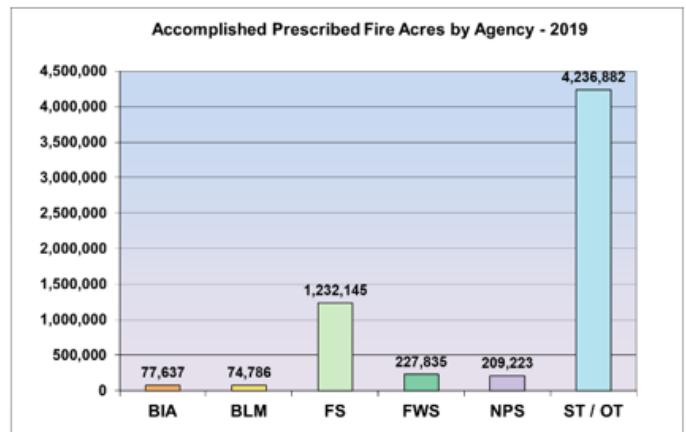
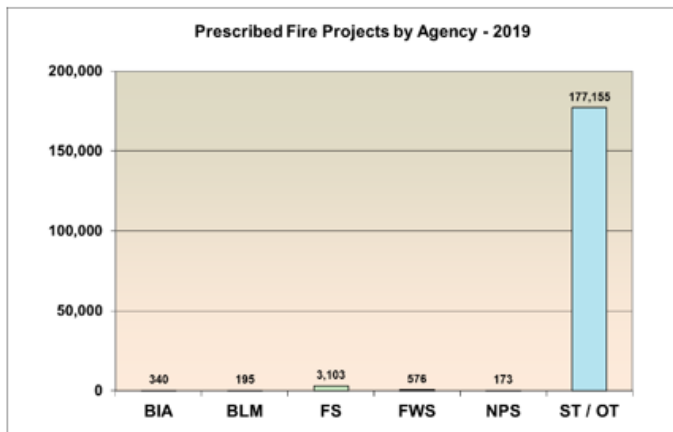


Prescribed Fire Projects and Acres

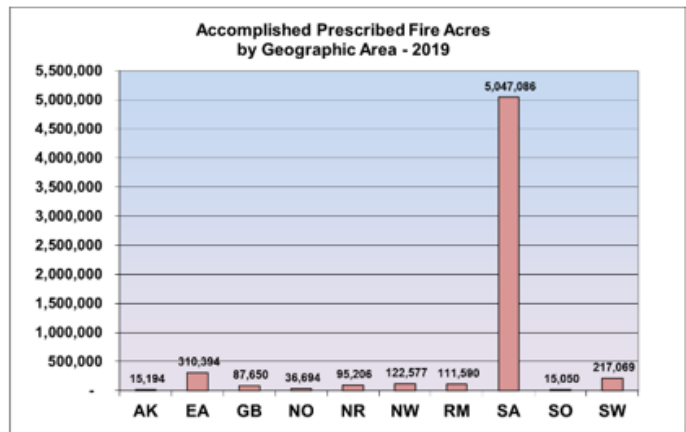
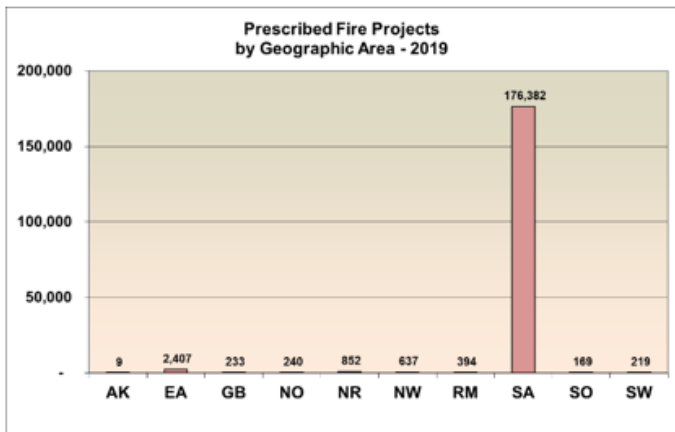
Note: National reporting of Prescribed Fire projects and acres began in 1998.



Prescribed Fire Projects and Acres by Agency



Prescribed Fire Projects and Acres by GACC



Prescribed Fire Projects and Acres by Agency and GACC: 2009 – 2019

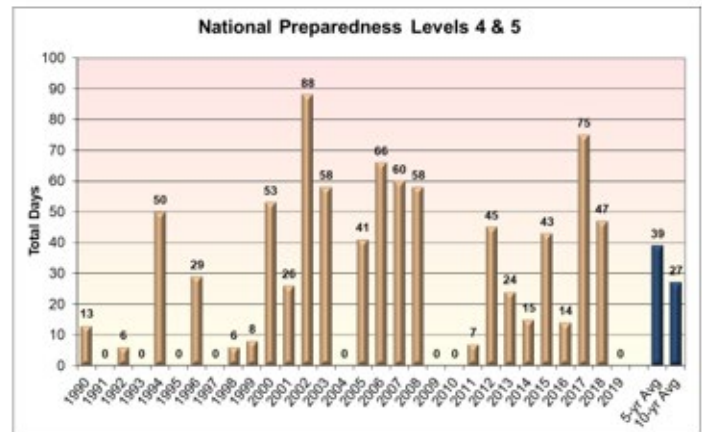
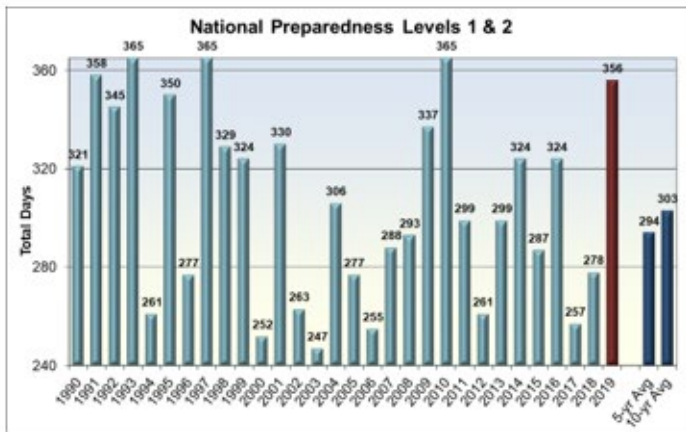
Agency		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	5-Yr Avg.	10-Yr Avg.
BIA	Fires	2,186	403	321	201	202	288	245	240	247	289	340	262	462
	Acres	151,435	124,404	111,352	62,529	80,889	109,629	77,907	99,712	89,330	82,387	77,637	91,793	98,957
BLM	Fires	552	431	383	304	328	429	334	315	188	201	195	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
Total:	31	28	31	30	31	30	31	31	30	31	30	31	365



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

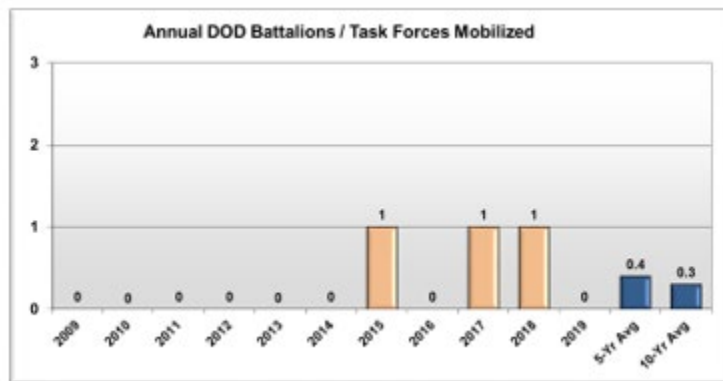
International Mobilizations

Between June 5th and July 10th, through the NIFC-CIFFC Agreement, the United States provided 20 crews and 24 individual wildland fire personnel to Alberta, Canada.

Between November 14th and December 31st, through the NIFC-Australia Agreement, 85 wildland fire personnel were assigned to support large fires in New South Wales and Victoria, Australia. Support to Australia has continued into 2020.

Department of Defense Mobilizations

In 2019, NICC received no requests for military battalions or task forces mobilized by the Department of Defense for wildfire suppression. The number of military battalions and task forces requested through NICC and deployed in the last ten years is shown below.



Incident Management Team Mobilizations

In 2019, National Incident Management Organization (NIMO) teams were assigned to five wildfire incidents and one support assignment for a total of 75 days. For the second consecutive year, no Area Command teams were assigned to incidents in 2019.

IMT Requests Processed by NICC

Fires deemed as significant include any incidents that have either a Type 1 or Type 2 IMT assigned. Thus, in maintaining certain data about the nation's significant fires, NICC also has some information that generally quantifies the annual usage of IMTs nationwide, and that data is presented in additional sections below. Another indicator of IMT activity is the movement of IMTs between Geographic Areas, which generally requires the requests to be processed through NICC. While this NICC resource request data for IMTs does not quantify their total use nationwide, it is an indicator of the demand for IMTs due to numerous and/or lengthy incidents in some Geographic Areas that required them to order IMTs from other areas. Conversely, those Geographic Areas that were able to fulfill such requests for out-of-area assignments often had relatively few significant fires internally, thereby allowing them to send their IMTs to assist busier GACCs.

Following are tables and charts pertaining to such requests processed by NICC to mobilize IMTs from one Geographic Area to another. Additional information that depicts the total usage of Type 1

and Type 2 IMTs is provided in subsequent sections of this document.

By Requesting Agency

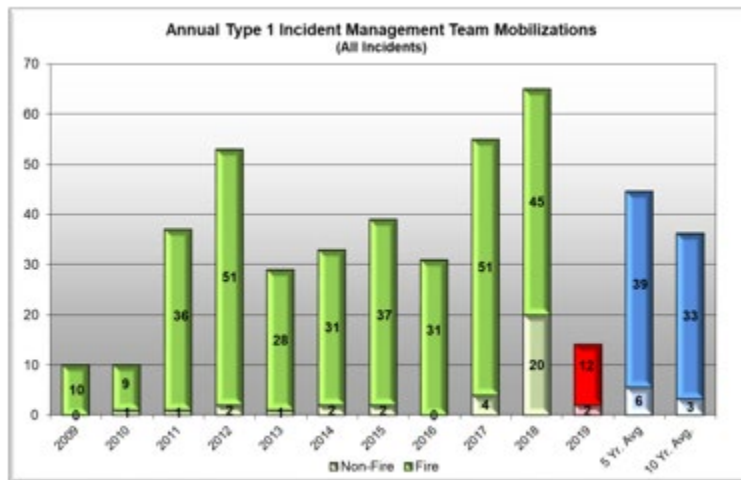
Requesting Agency	Type 1 IMT			Total IMT1	Type 2 IMT			Total IMT2
	Fill	Cancel	UTF		Fill	Cancel	UTF	
BIA	0	0	0	0	0	0	0	0
BLM	0	0	0	0	0	0	0	0
DOD	0	0	0	0	0	0	0	0
FEMA	1	0	0	1	0	0	0	0
FS	1	0	0	1	0	0	0	0
FWS	0	0	0	0	0	0	0	0
NPS	0	0	0	0	0	0	0	0
ST	2	0	0	2	4	2	0	6
Other	0	0	0	0	0	0	0	0
Totals:	4	0	0	4	4	2	0	6

By Requesting Geographic Area

Requesting GACC	Type 1 IMT			Total IMT1	Type 2 IMT			Total IMT2
	Fill	Cancel	UTF		Fill	Cancel	UTF	
AK	2	0	0	0	4	2	0	6
EA	0	0	0	0	0	0	0	0
GB	0	0	0	0	0	0	0	0
NICC	0	0	0	0	0	0	0	0
NO	0	0	0	0	0	0	0	0
NR	0	0	0	0	0	0	0	0
NW	0	0	0	0	0	0	0	0
RM	1	0	0	0	0	0	0	0
SA	1	0	0	0	0	0	0	0
SO	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
CN	0	0	0	0	0	0	0	0
Totals:	4	0	0	4	4	2	0	6

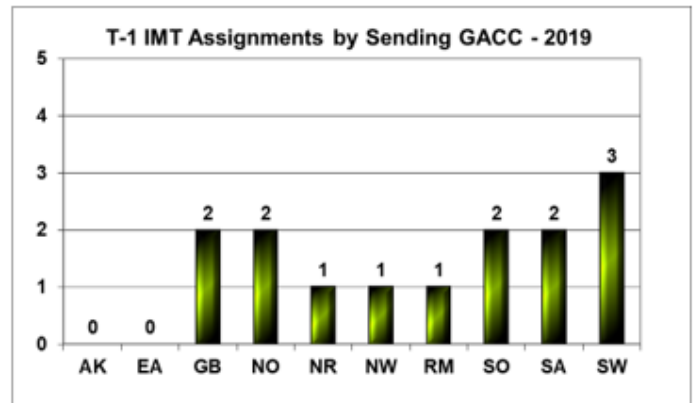
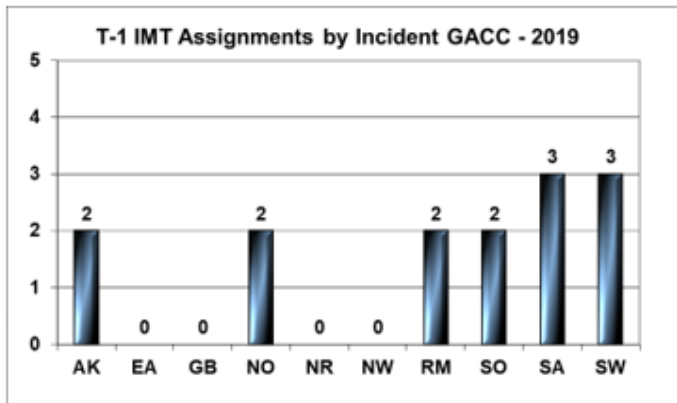
Type 1 Incident Management Team Mobilizations

Sixteen national Type 1 Incident Management Teams were available in 2019. Type 1 Teams mobilized to 14 assignments. Of these assignments, 12 were to wildland fires and 2 were to non-wildland fire incidents. A total of four of these Type 1 Team assignments were mobilized through NICC. Type 1 teams were assigned a combined total of 183 days in 2019, down from 475 assignment days in 2018. The record was set in 2002 when Type 1 Teams were assigned 85 times for a total of 999 days.



Type 1 Incident Management Team Assignments by GACC

The following charts show the mobilization of Type 1 Incident Management Teams by the Geographic Area that requested them (incident GACC) and the Geographic Area that filled the request (sending GACC, which is typically the same as the Team's sponsoring GACC).



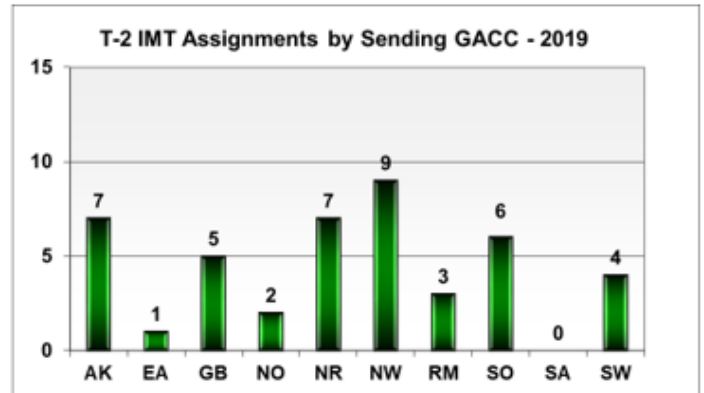
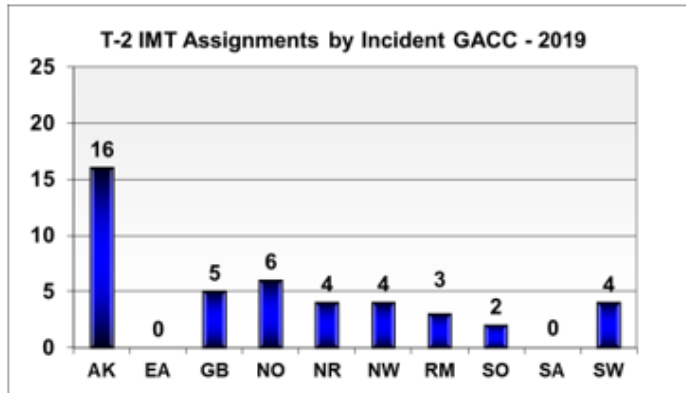
Type 2 Incident Management Team Mobilizations

Of the 44 total Type 2 Incident Management Team assignments in 2019, four were filled through NICC. Teams were assigned a total of 480 days in 2019, down from 1,403 days assigned in 2018. The following charts and tables summarize total requests by agency and Geographic Area.



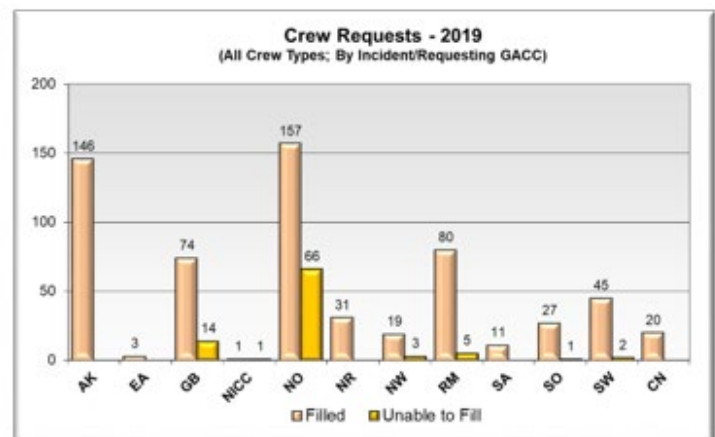
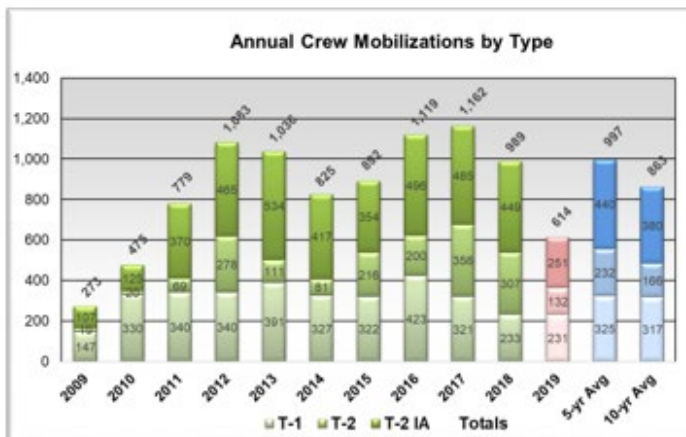
Type 2 Incident Management Team Assignments by GACC

The following charts show the mobilization of Type 2 Incident Management Teams by the Geographic Area that requested them (incident GACC) and the Geographic Area that filled the request (sending GACC, which is typically the same as the Team's sponsoring GACC).



Crew Mobilizations

The NICC received 752 crew requests in 2019. Of these requests, 614 were filled, 46 requests were canceled, and 92 were UTF. There were 336 Type 1 crew requests, 142 Type 2 crew requests and 274 Type 2 IA crew requests placed to NICC.



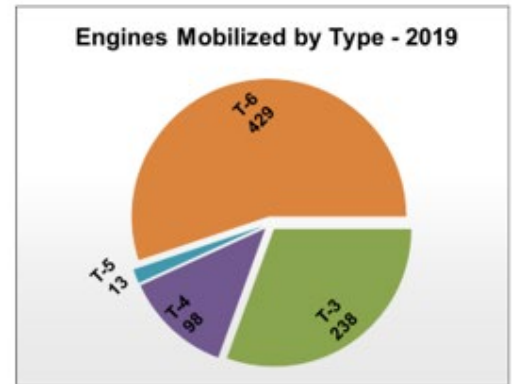
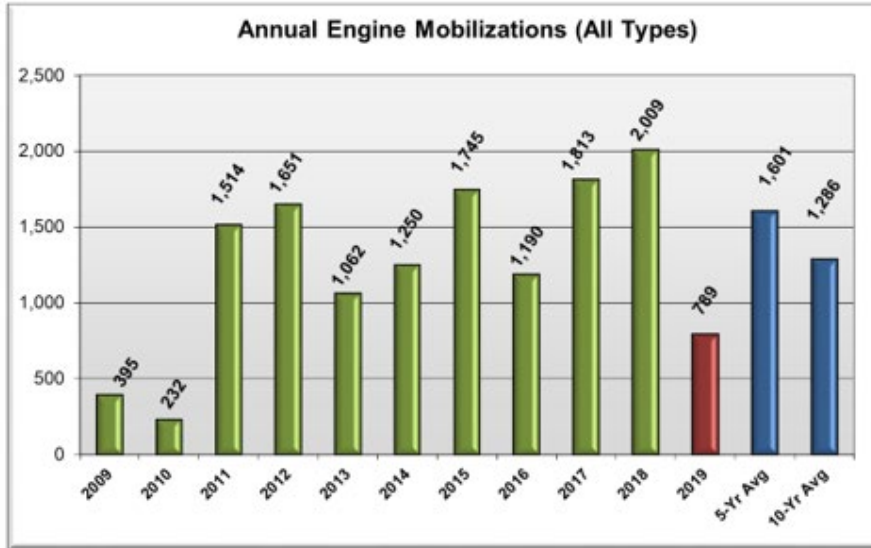
Crew Requests Summary by Requesting Agency and Geographic Area

Requesting Agency	Type 1 Crew			Type 2 Crew			Type 2-IA Crew			Crew Totals			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
BIA	4	0	0	0	0	0	5	0	0	9	0	0	9
BLM	49	12	0	23	2	4	70	4	0	142	18	4	164
DOD	0	0	0	0	0	0	1	0	0	1	0	0	1
FEMA	5	0	0	0	0	0	1	0	0	6	0	0	6
FS	127	14	78	39	1	0	132	6	10	298	21	88	407
FWS	0	0	0	0	0	0	0	0	0	0	0	0	0
NPS	2	0	0	0	0	0	0	0	0	2	0	0	2
ST	28	0	0	70	3	0	30	1	0	128	4	0	132
Other	3	1	0	0	0	0	5	2	0	8	3	0	11
Canada	13	0	0	0	0	0	7	0	0	20	0	0	20
Subtotal:	231	27	78	132	6	4	251	13	10	614	46	92	
Total:	336			142			274			752			

Requesting GACC	Type 1 Crew			Type 2 Crew			Type 2-IA Crew			Crew Totals			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
AK	56	12	0	12	0	0	78	4	0	146	16	0	162
EA	3	0	0	0	0	0		0	0	3	0	0	3
GB	27	5	9	17	0	4	30	1	1	74	6	14	94
NICC	1	0	0	0	0	0	0	0	1	1	0	1	2
NO	11	6	59	100	6	0	46	0	7	157	12	66	235
NR	19	0	0	0	0	0	12	0	0	31	0	0	31
NW	16	0	3	0	0	0	3	5	0	19	5	3	27
RM	33	3	5	2	0	0	45	3	0	80	6	5	91
SA	10	0	0	0	0	0	1	0	0	11	0	0	11
SO	14	1	1	1	0	0	12	0	0	27	1	1	29
SW	28	0	1	0	0	0	17	0	1	45	0	2	47
Other	0	0	0	0	0	0		0	0	0	0	0	0
Canada	13	0	0	0	0	0	7	0	0	20	0	0	20
Subtotal:	231	27	78	132	6	4	251	13	10	614	46	92	
Total:	336			142			274			752			

Engine and Tactical Water Tender Mobilizations

The NICC received 949 engine requests in 2019. Of these requests, 789 were filled, 64 were canceled and 96 were UTF. There were 13 requests placed to NICC for tactical water tenders, of which 11 were filled, two canceled, and zero UTF.



Engine Requests Summary by Requesting Agency

Requesting Agency	Type 1 Engine			Type 2 Engine			Type 3 Engine			Type 4 Engine			Type 5 Engine		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
BIA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
BLM	0	0	0	0	0	0	25	6	2	20	1	1	0	0	0
DOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FS	0	0	0	0	0	0	177	16	81	42	0	1	7	0	0
FWS	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
NPS	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
ST	0	0	0	0	0	0	35	1	0	36	0	0	5	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal:	0	0	0	0	0	0	238	23	84	98	2	2	13	0	0
Total:	0			0			345			102			13		

Requesting Agency	Type 6 Engine			Type 7 Engine			Other			Tactical Water Tender			Engine/TWT Totals			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
BIA	51	2	1	0	0	0	0	0	0	0	0	0	52	2	1	55
BLM	52	5	0	0	0	0	0	0	0	2	2	0	99	14	3	116
DOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FS	266	27	9	0	0	0	0	0	0	7	0	0	499	43	91	633
FWS	4	0	0	0	0	0	0	0	0	0	0	0	4	0	1	5
NPS	13	3	0	0	0	0	0	0	0	0	0	0	14	4	0	18
ST	43	0	0	0	0	0	0	0	0	2	0	0	121	1	0	122
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal:	429	37	10	0	0	0	0	0	0	11	2	0	789	64	96	
Total:	476			0			0			13			949			

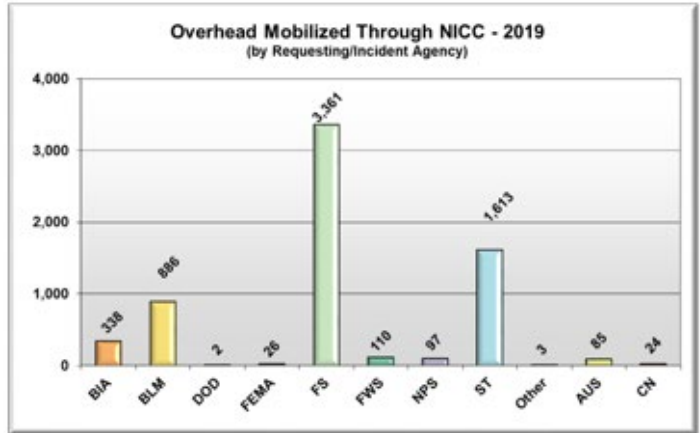
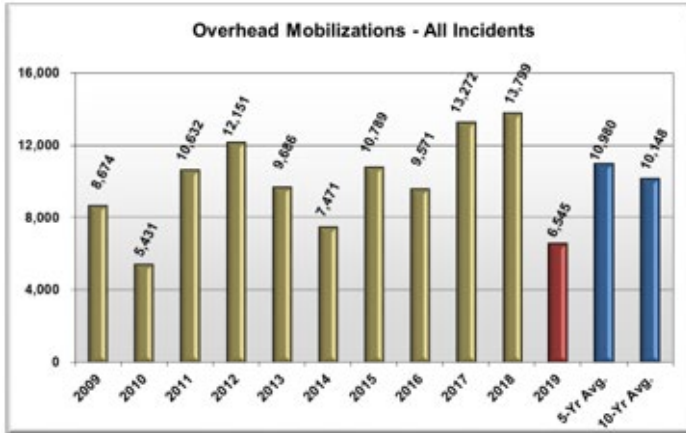
Engine Requests Summary by Requesting Geographic Area

Requesting GACC	Type 1 Engine			Type 2 Engine			Type 3 Engine			Type 4 Engine			Type 5 Engine		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EA	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0
GB	0	0	0	0	0	0	21	0	0	15	0	0	0	0	0
NICC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	0	0	0	0	0	0	92	17	60	52	0	0	9	0	0
NR	0	0	0	0	0	0	4	0	0	2	0	0	0	0	0
NW	0	0	0	0	0	0	12	3	3	4	0	1	4	0	0
RM	0	0	0	0	0	0	3	0	0	4	0	0	0	0	0
SA	0	0	0	0	0	0	8	1	0	0	1	0	0	0	0
SO	0	0	0	0	0	0	78	1	21	3	0	1	0	0	0
SW	0	0	0	0	0	0	19	1	0	16	1	0	0	0	0
Subtotal:	0	0	0	0	0	0	238	23	84	98	2	2	13	0	0
Total:	0			0			345			102			13		

Requesting GACC	Type 6 Engine			Type 7 Engine			Other			Tactical Water Tender			Engine/TWT Totals			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
AK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EA	34	10	3	0	0	0	0	0	0	0	0	0	37	10	3	50
GB	27	1	0	0	0	0	0	0	0	3	1	0	66	2	0	68
NICC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	77	2	0	0	0	0	0	0	0	3	0	0	233	19	60	312
NR	19	2	2	0	0	0	0	0	0	0	0	0	25	2	2	29
NW	39	5	4	0	0	0	0	0	0	2	0	0	61	8	8	77
RM	66	5	0	0	0	0	0	0	0	0	0	0	73	5	0	78
SA	55	7	0	0	0	0	0	0	0	2	0	0	65	9	0	74
SO	35	0	0	0	0	0	0	0	0	0	1	0	116	2	22	140
SW	77	5	1	0	0	0	0	0	0	1	0	0	113	7	1	121
Subtotal:	429	37	10	0	0	0	0	0	0	11	2	0	789	64	96	
Total:	476			0			0			13			949			

Overhead Mobilizations

A total of 7,769 requests for overhead positions were received by NICC in 2019. Of these requests, 6,545 were filled, 524 were canceled and 700 were UTF. The charts below show total overhead requests filled annually through NICC, plus distribution of 2019's requests.



Overhead Requests Summary

By Requesting Agency

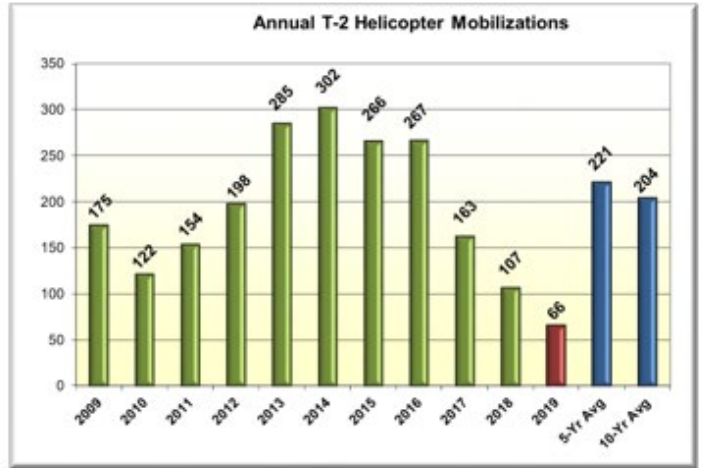
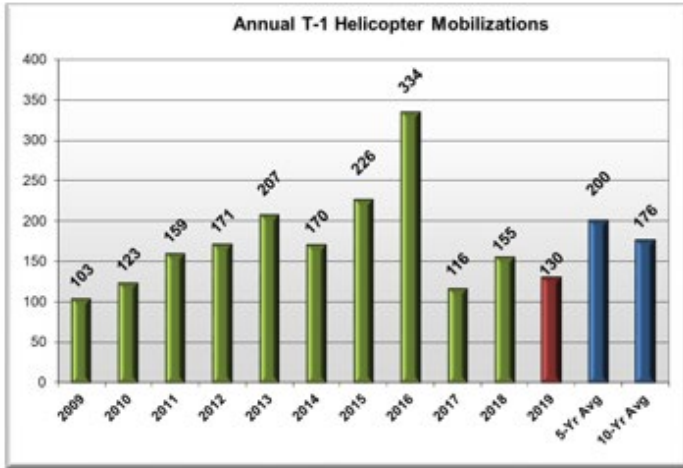
Requesting Agency	Individual Overhead			Total
	Fill	Cancel	UTF	
BIA	338	12	9	359
BLM	886	69	81	1036
DOD	2	0	0	2
FEMA	26	2	1	29
FS	3,361	303	490	4154
FWS	110	1	0	111
NPS	97	18	5	120
ST	1,613	118	113	1844
Other	3	1	1	5
Canada	24	0	0	24
Australia	85	0	0	85
Subtotal:	6,545	524	700	
Total:	7,769			

By Requesting Geographic Area

Requesting GACC	Individual Overhead			Total
	Fill	Cancel	UTF	
AK	2,073	134	137	2,344
EA	335	15	15	365
GB	397	24	72	493
NICC	50	0	1	51
NO	609	55	222	886
NR	251	23	11	285
NW	691	65	89	845
RM	421	44	29	494
SA	446	42	19	507
SA	200	36	38	274
SW	963	86	67	1,116
Other	0	0	0	0
Canada	85	0	0	85
Australia	24	0	0	24
Subtotal:	6,545	524	700	
Total:	7,769			

Helicopter Mobilizations

A total of 351 Type 1, 2 and 3 helicopter requests were received by NICC in 2019: 274 were filled, 38 were canceled and 39 were UTF. Of the 151 Type 1 helicopter requests placed to NICC: 130 were filled, 14 were canceled and 7 were UTF. Of the 100 requests placed to NICC for Type 2 helicopters: 66 were filled, 12 canceled and 22 were UTF. Of the 100 requests placed to NICC for Type 3 helicopters: 78 were filled, 12 canceled and 10 were UTF.



Helicopter Requests Summary by Requesting Agency

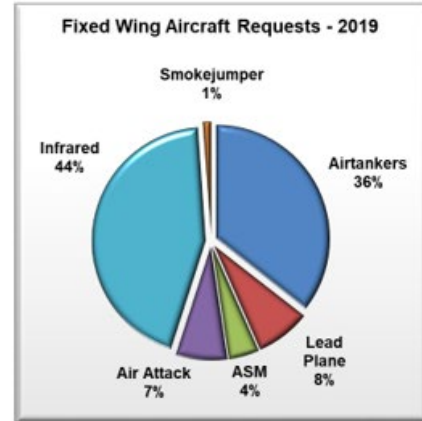
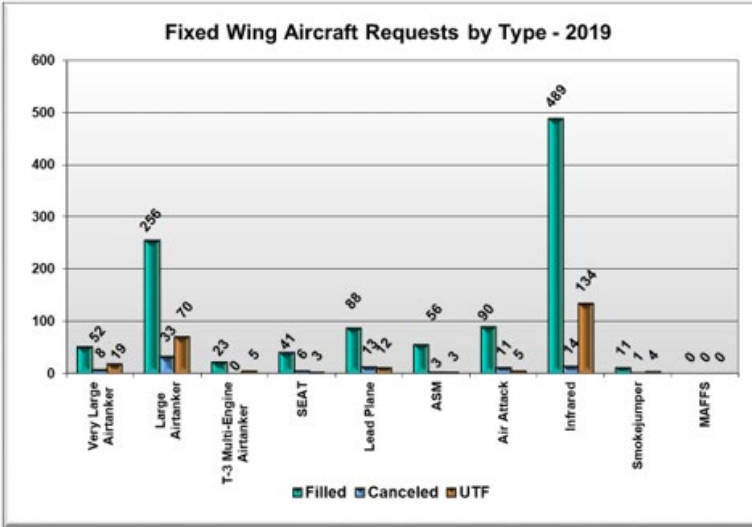
Requesting Agency	Type 1				Type 2								Type 3				Helicopter Totals					
	Fill		Cancel	UTF	Standard Use				Limited Use				Fill		Cancel	UTF	Fill		Cancel	UTF	Total	
	CWN	EXCL			CWN	EXCL	Cancel	UTF	CWN	EXCL	Cancel	UTF	CWN	EXCL			CWN	EXCL				
BIA	1	1	0	0	0	0	0	0	0	1	n/a	0	0	5	5	1	0	7	6	1	0	14
BLM	9	7	2	1	6	3	3	3	0	n/a	0	0	8	5	1	1	23	15	6	5	49	
DOD	0	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0	0	0	
FEMA	0	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0	0	0	
FS	70	24	9	6	18	18	7	19	11	n/a	0	0	28	17	8	7	127	59	24	32	242	
FWS	0	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0	0	0	
NPS	1	1	0	0	0	0	0	0	0	n/a	1	0	1	1	0	0	2	2	1	0	5	
ST	12	4	1	0	4	4	1	0	1	n/a	0	0	4	3	2	1	21	11	4	1	37	
Other	0	0	2	0	0	0	0	0	0	n/a	0	0	0	1	1	0	0	1	3	0	4	
Canada	0	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0	0	0	
Subtotal:	93	37			28	25			13	0			46	32			180	94				
	130		14	7	53		11	22	13		1	0	78		13	9	274		39	38		
Total:	151				86				14				100				351					

Helicopter Requests Summary by Requesting Geographic Area

Requesting GACC	Type 1				Type 2								Type 3				Helicopter Totals				
	Fill		Cancel	UTF	Standard Use				Limited Use				Fill		Cancel	UTF	Fill		Cancel	UTF	Total
	CWN	EXCL			CWN	EXCL	Cancel	UTF	CWN	EXCL	Cancel	UTF	CWN	EXCL			CWN	EXCL			
AK	0	0	0	0	7	5	0	0	0	n/a	0	0	6	5	0	0	13	10	0	0	23
EA	0	1	1	0	0	0	0	0	0	n/a	0	0	3	2	0	0	3	3	1	0	7
GB	10	7	4	0	3	7	4	6	3	n/a	0	0	4	4	4	6	20	18	12	12	62
NICC	0	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0	0	0
NO	14	7	2	5	0	7	1	13	1	n/a	0	0	6	2	0	2	21	16	3	20	60
NR	13	4	1	0	0	1	1	1	6	n/a	0	0	2	5	1	0	21	10	3	1	35
NW	17	6	1	0	5	1	3	1	3	n/a	1	0	11	3	3	0	36	10	8	1	55
RM	14	4	3	1	1	1	0	0	0	n/a	0	0	4	4	3	0	19	9	6	1	35
SA	9	4	1	0	3	2	0	0	0	n/a	0	0	4	5	0	1	16	11	1	1	29
SO	10	2	1	1	5	1	2	1	0	n/a	0	0	1	1	1	0	16	4	4	2	26
SW	6	2	0	0	5	2	0	0	0	n/a	0	0	5	1	1	0	16	5	1	0	22
Other	0	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0	0	0
Subtotal:	93	37			29	27			13	0			46	32			181	96			
	130		14	7	56		11	22	13		1	0	78		13	9	277		39	38	
Total:	151				89				14				100				354				

Fixed Wing Aircraft Mobilizations

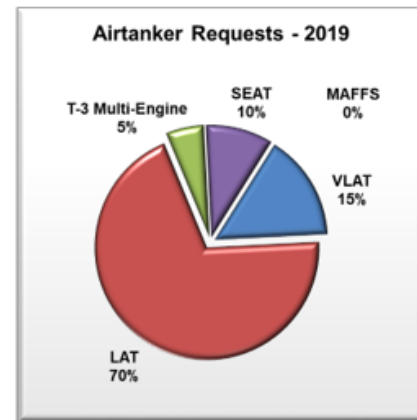
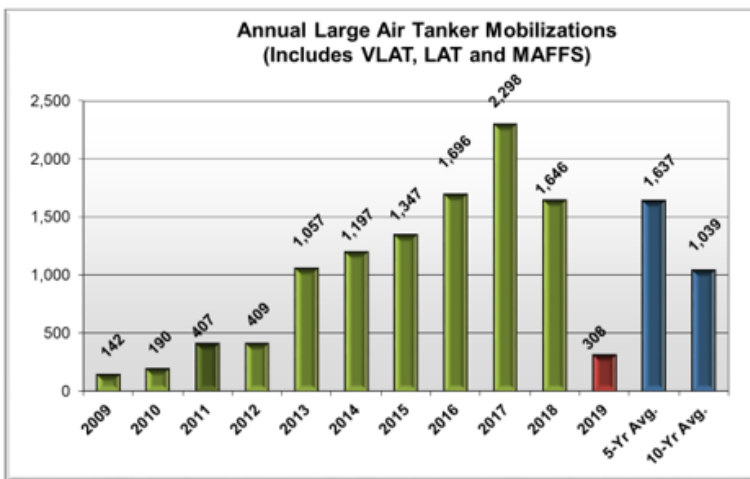
The categories for fixed wing aircraft requests include: heavy airtankers, multi engine airtanker (CL-215/415), single engine airtankers (SEAT), lead planes, aerial supervision modules (ASM), air attack, infrared, and smokejumper aircraft. A total of 1,450 fixed wing requests were received at NICC in 2019: 1,106 were filled, 89 were canceled and 255 were UTF.



Airtanker Mobilizations

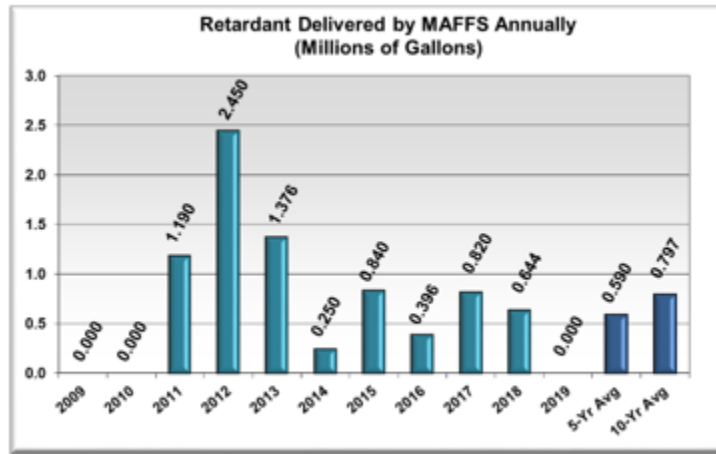
For heavy airtankers, a total of 438 VLAT, Type 1 and Type 2 large airtanker requests were received by NICC in 2019. Of that total, 308 requests were filled, 41 were canceled and 89 were UTF. The NICC received no requests for MAFFS in 2019.

For SEATs and Type 3 Multi-Engine airtankers, NICC received 78 requests in 2019, of which 64 were filled, 6 were canceled and 8 were UTF.



Note: Changes in the way airtanker requests are processed in ROSS, as well as the number of airtankers available for fire suppression account for much of the increase from 2013 - 2018.

Modular Airborne Fire Fighting Systems (MAFFS)



Fixed Wing Aircraft Requests Summary by Requesting Agency

Requesting Agency	Very Large Airtanker (VLAT)			Large Airtanker (LAT)			Modular Airborne Fire Fighting System (MAFFS)			Type 3 Multi-Engine Airtanker			Single Engine Airtanker (SEAT)			Lead Plane		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
BIA	2	0	2	5	2	3	0	0	0	0	0	0	1	0	0	1	1	1
BLM	15	3	0	68	6	12	0	0	0	7	0	0	22	3	3	16	5	1
DOD	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FS	24	4	12	145	18	39	0	0	0	12	0	4	9	0	0	55	5	3
FWS	1	0	0	5	0	1	0	0	0	2	0	0	0	0	0	1	0	0
NPS	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST	7	1	4	24	4	13	0	0	0	2	0	1	9	1	0	12	1	5
Other	3	0	1	7	3	2	0	0	0	0	0	0	0	2	0	2	1	2
Subtotal:	52	8	19	256	33	70	0	0	0	23	0	5	41	6	3	88	13	12
Total:	79			359			0			28			50			113		

Requesting Agency	Aerial Supervision Module (ASM)			Air Attack			Infrared			Smokejumper Aircraft			Fixed Wing Aircraft Total Requests			Total
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	
BIA	0	0	0	1	0	0	12	0	4	0	0	0	22	3	10	35
BLM	10	1	1	11	2	3	26	1	3	4	0	1	179	21	24	224
DOD	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FS	43	1	1	65	7	2	383	8	115	6	1	3	742	44	179	965
FWS	0	0	0	0	0	0	0	0	0	0	0	0	9	0	1	10
NPS	0	0	0	0	0	0	3	0	1	0	0	0	4	0	1	5
ST	2	0	1	12	1	0	61	3	7	1	0	0	130	11	31	172
Other	1	1	0	1	1	0	4	2	4	0	0	0	18	10	9	37
Subtotal:	56	3	3	90	11	5	489	14	134	11	1	4	1,106	89	255	
Total:	62			106			637			16			1,450			

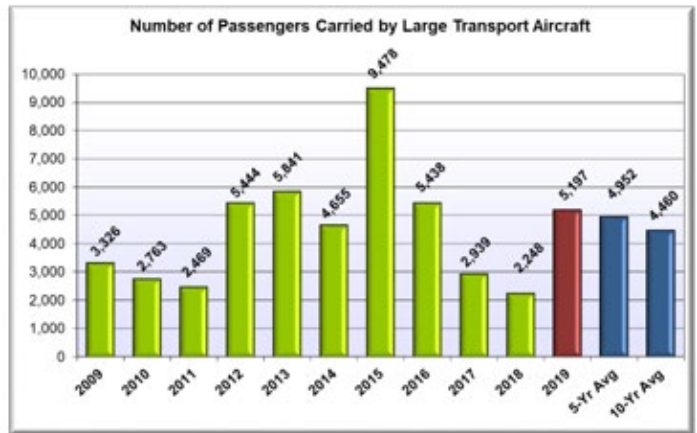
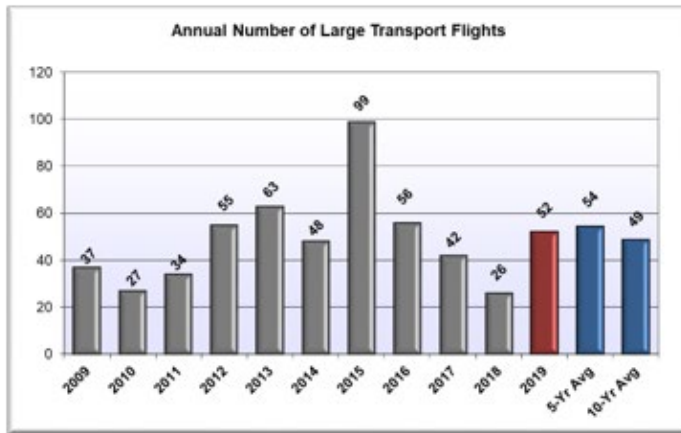
Fixed Wing Aircraft Requests Summary by Requesting Geographic Area

Requesting GACC	Very Large Airtanker (VLAT)			Large Airtanker (LAT)			Modular Airborne Fire Fighting System (MAFFS)			Type 3 Multi-Engine Airtanker			Single Engine Airtanker (SEAT)			Lead Plane		
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF
AK	0	0	0	4	0	0	0	0	0	2	0	0	6	0	0	1	0	0
EA	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0
GB	18	0	2	67	8	12	0	0	0	7	0	0	13	0	1	20	4	1
NICC	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	5	2	4	28	2	15	0	0	0	4	0	3	4	0	0	5	1	0
NR	4	1	4	21	7	11	0	0	0	4	0	0	3	0	0	12	1	2
NW	7	0	4	41	5	11	0	0	0	0	0	0	3	2	2	10	2	3
RM	5	1	0	22	1	3	0	0	0	4	0	0	3	4	0	18	0	1
SA	1	0	1	5	0	0	0	0	0	0	0	2	7	0	0	5	1	4
SO	3	0	2	34	0	13	0	0	0	0	0	0	0	0	0	5	2	0
SW	8	3	2	34	10	5	0	0	0	0	0	0	0	0	0	12	2	1
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal:	52	8	19	256	33	70	0	0	0	23	0	5	41	6	3	88	13	12
Total:	79			359			0			28			50			113		

Requesting GACC	Aerial Supervision Module (ASM)			Air Attack			Infrared			Smokejumper Aircraft			Fixed Wing Aircraft Total Requests			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
AK	4	0	0	11	2	1	21	1	2	4	0	1	53	3	4	60
EA	0	0	0	3	1	0	0	0	0	0	0	0	7	1	0	8
GB	9	2	2	19	0	1	46	5	13	1	0	0	200	19	32	251
NICC	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
NO	4	0	0	10	0	1	99	2	18	2	1	3	161	8	44	213
NR	0	0	0	7	1	0	81	0	27	2	0	0	134	10	44	188
NW	2	0	0	7	0	0	100	3	29	0	0	0	170	12	49	231
RM	5	0	0	15	4	1	48	0	11	1	0	0	121	10	16	147
SA	2	0	0	6	0	0	0	0	0	0	0	0	26	1	7	34
SO	14	1	1	0	0	0	22	2	5	0	0	0	78	5	21	104
SW	16	0	0	12	3	1	72	1	29	1	0	0	155	19	38	212
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal:	56	3	3	90	11	5	489	14	134	11	1	4	1,106	89	255	
Total:	62			106			637			16			1,450			

Large Transportation Aircraft

In 2019 there was one exclusive-use contract for large transportation aircraft. The contract was filled with a B737-400 jet aircraft. This exclusive-use jet flew 50 times. There were also two additional large aircraft charter flights that were arranged by NICC.



Exclusive-Use and Charter Large Transport Requests Summary by Destination Agency and Geographic Area

Requesting Agency	Exclusive-Use Aircraft		Charter Aircraft		Large Trans. Totals	
	Flights	Pax	Flights	Pax	Flights	Pax
BIA	0	0	0	0	0	0
BLM	27	2,699	0	0	27	2,699
DOD	0	0	0	0	0	0
FEMA	0	0	0	0	0	0
FS	0	0	2	200	2	200
FWS	0	0	0	0	0	0
NPS	0	0	0	0	0	0
ST	23	2,298	0	0	23	2,298
Other	0	0	0	0	0	0
Canada	0	0	0	0	0	0
Total:	50	4,997	2	200	52	5,197

Requesting GACC	Exclusive-Use Aircraft		Charter Aircraft		Large Trans. Totals	
	Flights	Pax	Flights	Pax	Flights	Pax
AK	50	4,997	1	100	51	5,097
EA	0	0	0	0	0	0
GB	0	0	0	0	0	0
NICC	0	0	0	0	0	0
NO	0	0	1	100	1	100
NR	0	0	0	0	0	0
NW	0	0	0	0	0	0
RM	0	0	0	0	0	0
SA	0	0	0	0	0	0
SA	0	0	0	0	0	0
SW	0	0	0	0	0	0
Other	0	0	0	0	0	0
Canada	0	0	0	0	0	0
Total:	50	4,997	2	200	52	5,197

Light Cargo and Passenger Flights Summary by Destination Agency and Geographic Area

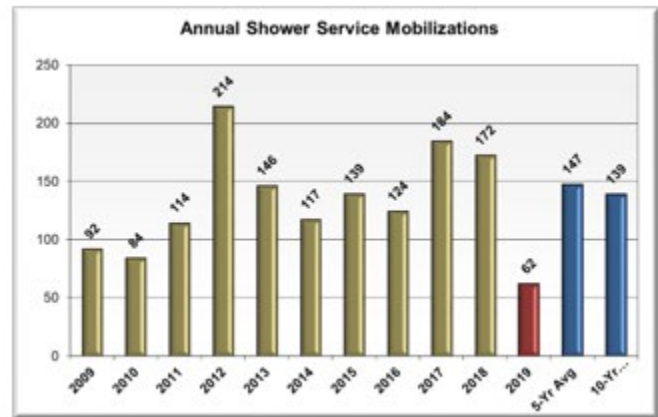
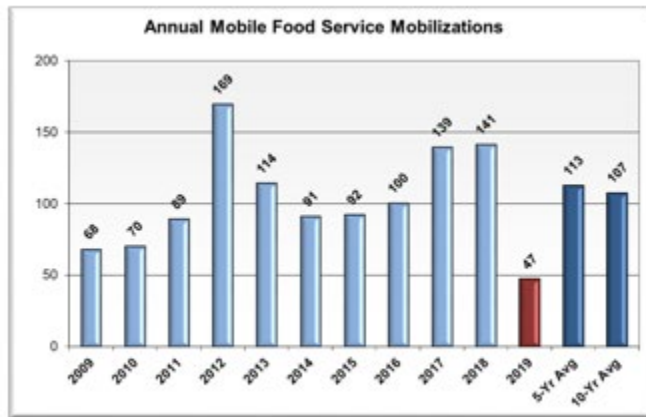
In support of other resource requests, NICC arranged two cargo transportation flights in 2019. No passenger flights were arranged by NICC in 2019, other than the Large Transport activity described in the preceding section.

Requesting Agency	Cargo Transport		Passenger Transport		Total Flights
	Flights	Cargo (lbs)	Flights	Pax	
BIA	0	0	0	0	0
BLM	1	606	0	0	1
DOD	0	0	0	0	0
FEMA	0	0	0	0	0
FS	1	858	0	0	1
FWS	0	0	0	0	0
NPS	0	0	0	0	0
ST	0	0	0	0	0
Other	0	0	0	0	0
Canada	0	0	0	0	0
Total:	2	1,464	0	0	2

Requesting GACC	Cargo Transport		Passenger Transport		Total Flights
	Flights	Cargo (lbs)	Flights	Pax	
AK	0	0	0	0	0
EA	0	0	0	0	0
GB	0	0	0	0	0
NICC	0	0	0	0	0
NO	0	0	0	0	0
NR	0	0	0	0	0
NW	0	0	0	0	0
RM	2	1,464	0	0	2
SA	0	0	0	0	0
SA	0	0	0	0	0
SW	0	0	0	0	0
Other	0	0	0	0	0
Canada	0	0	0	0	0
Total:	2	1,464	0	0	2

Equipment Services Mobilization

A total of 49 requests for mobile food services were received at NICC in 2019: Of these 47 were filled, two were canceled and zero were UTF. A total of 62 shower units were requested, and all of these were filled (none were canceled or UTF).



Equipment Services Requests Summary by Requesting Agency and Geographic Area

Requesting Agency	Mobile Food			Showers			Equipment Services Totals			Total
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	
BIA	1	0	0	1	0	0	2	0	0	2
BLM	6	1	0	4	0	0	10	1	0	11
DOD	0	0	0	0	0	0	0	0	0	0
FEMA	0	0	0	0	0	0	0	0	0	0
FS	38	0	0	52	0	0	90	0	0	90
FWS	0	0	0	0	0	0	0	0	0	0
NPS	0	0	0	1	0	0	1	0	0	1
ST	2	1	0	4	0	0	6	1	0	7
Other	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0
Subtotal:	47	2	0	62	0	0	109	2	0	
Total:	49			62			111			

Requesting GACC	Mobile Food			Showers			Equipment Services Totals			Total
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	
AK	0	0	0	0	0	0	0	0	0	0
EA	0	0	0	0	0	0	0	0	0	0
GB	10	0	0	11	0	0	21	0	0	21
NICC	0	0	0	0	0	0	0	0	0	0
NO	9	0	0	14	0	0	23	0	0	23
NR	4	1	0	6	0	0	10	1	0	11
NW	7	1	0	7	0	0	14	1	0	15
RM	6	0	0	5	0	0	11	0	0	11
SA	0	0	0	0	0	0	0	0	0	0
SO	4	0	0	5	0	0	9	0	0	9
SW	7	0	0	14	0	0	21	0	0	21
Other	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0
Subtotal:	47	2	0	62	0	0	109	2	0	
Total:	49			62			111			

Radio and Weather Equipment Mobilizations

A total of 339 requests for radio kits and weather equipment were received at NICC in 2019. Of that total, 325 were filled, 13 were canceled and one was UTF.

Radio and Weather Equipment Request Summary by Requesting Agency

Requesting Agency	4390 Starter			4312 Repeater			4381 Tactical			5869 IRAWs			Equipment Totals			Total
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	
BIA	0	0	0	4	0	0	8	0	0	2	0	0	14	0	0	14
BLM	15	0	0	30	0	0	22	0	0	1	0	0	68	0	0	68
DOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FS	53	1	0	57	3	0	43	2	1	31	3	0	184	9	1	194
FWS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST	3	0	0	17	0	0	26	0	0	13	4	0	59	4	0	63
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal:	71	1	0	108	3	0	99	2	1	47	7	0	325	13	1	
Total:	72			111			102			54			339			

Radio and Weather Equipment Request Summary by Requesting Geographic Area

Requesting GACC	4390 Starter			4312 Repeater			4381 Tactical			5869 IRAWs			Equipment Totals			Total
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	
AK	13	0	0	25	0	0	25	0	0	1	4	0	64	4	0	68
EA	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
GB	7	0	0	15	0	0	2	0	0	6	0	0	30	0	0	30
NICC	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1
NO	8	0	0	13	2	0	21	1	0	20	0	0	62	3	0	65
NR	7	0	0	5	0	0	4	1	1	3	0	0	19	1	1	21
NW	6	0	0	12	0	0	21	0	0	7	0	0	46	0	0	46
RM	5	0	0	9	0	0	4	0	0	4	0	0	22	0	0	22
SA	2	0	0	1	0	0	4	0	0	0	0	0	7	0	0	7
SO	8	0	0	8	0	0	5	0	0	0	0	0	21	0	0	21
SW	11	1	0	20	1	0	12	0	0	6	3	0	49	5	0	54
Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal:	71	1	0	108	3	0	99	2	1	47	7	0	325	13	1	
Total:	72			111			102			54			339			

Wildland Fires and Acres Burned by State

(Figures from the Fire and Aviation Management Web Applications Program.)

Alabama

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
FS	28	6,130	1	1	29	6,131
OTHR	21	493	0	0	21	493
ST	1,057	15,534	0	0	1,057	15,534
Totals:	1,106	22,158	1	1	1,107	22,158

Alaska

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
BLM	51	35,185	198	1,655,106	249	1,690,291
FS	45	10	1	3	46	13
ST	253	8,866	172	798,989	425	807,855
Totals:	349	44,061	371	2,454,098	720	2,498,159

Arizona

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
BIA	547	19,217	59	37,195	606	56,412
BLM	130	5,614	45	5,314	175	10,928
DOD	0	0	2	1,178	2	1,178
FS	321	137,904	287	140,521	608	278,425
FWS	9	34	3	54	12	88
NPS	22	87	10	21,865	32	21,952
ST	434	15,959	0	0	434	15,959
Totals:	1,463	178,815	406	206,127	1,869	384,942

Arkansas

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
FS	63	941	0	0	63	941
FWS	2	3	0	0	2	3
NPS	10	10	0	0	10	10
OTHR	585	7,648	0	0	585	7,648
Totals:	660	8,602	0	0	660	8,602

California

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
BIA	80	334	0	0	80	334
BLM	118	5,605	38	2,934	156	8,539
C&L	15	87	0	0	15	87
FS	686	78,075	315	34,327	997	112,399
FWS	15	2,754	0	0	15	2,754
NPS	24	111	10	0	34	111
ST	6,759	129,189	134	5,732	6,893	134,921
Totals:	7,697	216,155	497	42,993	8,194	259,148

Colorado

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
BIA	11	22	47	747	58	769
BLM	41	118	172	4,518	213	4,636
C&L	131	8,703	124	5,989	255	14,692
FS	163	4,462	143	15,522	306	19,984
FWS	1	0	1	5	2	5
NPS	4	192	10	0	14	192
ST	1	0	3	40	4	40
USA	1	25	4	49	5	74
Totals:	353	13,522	504	26,870	857	40,392

Connecticut

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
ST	88	72	0	0	88	72
Totals:	88	72	0	0	88	72

Delaware

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
Totals:	0	0	0	0	0	0

Florida

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
BIA	0	0	2	1	2	1
DOD	81	14,327	7	312	88	14,639
FS	51	1,047	35	7,144	86	8,191
FWS	5	4,414	3	1,085	8	5,499
NPS	5	847	24	1,810	29	2,657
OTHR	90	224	3	189	93	413
ST	1,428	13,039	387	78,061	1,815	91,100
Totals:	1,660	33,898	461	88,602	2,121	122,500

Georgia

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
DOD	0	0	1	0	1	0
FS	5	6	1	1	6	7
FWS	0	0	2	273	2	273
NPS	4	1	0	0	4	1
ST	3,145	12,126	0	0	3,145	12,126
Totals:	3,154	12,133	4	274	3,158	12,407

Hawaii

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
C&L	155	10,710	0	0	155	10,710
Totals:	155	10,710	0	0	155	10,710

Idaho

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BLM	109	78,932	76	69,016	185	147,948
C&L	55	1,576	10	628	65	2,204
DOD	0	0	2	112,157	2	112,157
FS	112	1,057	296	19,036	408	20,093
FWS	1	16	0	0	1	16
ST	180	1,417	93	32	273	1,449
Totals:	479	83,150	481	200,876	960	284,026

Illinois

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	1	13	0	0	1	13
ST	1	28	0	0	1	28
Totals:	2	41	0	0	2	41

Indiana

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	3	3	0	0	3	3
FWS	2	2	0	0	2	2
NPS	27	508	0	0	27	508
ST	6	10	0	0	6	10
Totals:	38	523	0	0	38	523

Iowa

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FWS	6	374	0	0	6	374
ST	147	1,646	0	0	147	1,646
Totals:	153	2,020	0	0	153	2,020

Kansas

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	6	464	0	0	6	464
C&L	9	13,648	0	0	9	13,648
FWS	0	55	0	0	0	55
NPS	1	0	0	0	1	0
USA	3	7,000	0	0	3	7,000
Totals:	19	21,167	0	0	19	21,167

Kentucky

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	44	1,696	1	25	45	1,721
ST	710	9,993	0	0	710	9,993
Totals:	754	11,689	1	25	755	11,714

Louisiana

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	40	440	1	81	41	521
FWS	0	0	2	289	2	289
ST	318	2,249	0	0	318	2,249
Totals:	358	2,689	3	370	361	3,059

Maine

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
ST	344	135	11	7	355	142
Totals:	344	135	11	7	355	142

Maryland

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FWS	1	0	0	0	1	0
ST	134	1,472	5	26	139	1,498
Totals:	135	1,472	5	26	140	1,498

Massachusetts

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
ST	289	248	0	0	289	248
Totals:	289	248	0	0	289	248

Michigan

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	7	7	0	0	7	7
FS	127	152	2	0	129	152
ST	216	939	9	30	225	969
Totals:	350	1,098	11	30	361	1,128

Minnesota

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	316	568	0	0	316	568
FS	43	59	7	15	50	74
FWS	18	597	0	0	18	597
ST	637	4,623	0	0	637	4,623
Totals:	1,014	5,847	7	15	1,021	5,862

Mississippi

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	39	4,028	0	0	39	4,028
FWS	1	1	0	0	1	1
NPS	1	1	0	0	1	1
OTHR	918	1,443	0	0	918	1,443
Totals:	959	5,473	0	0	959	5,473

Missouri

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	63	5,075	0	0	63	5,075
NPS	4	16	0	0	4	16
Totals:	67	5,091	0	0	67	5,091

Montana

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	248	3,584	45	5,540	293	9,124
BLM	12	562	38	353	50	915
C&L	434	15,540	110	16,617	544	32,157
FS	144	682	191	7,713	335	8,395
FWS	3	1	9	8,589	12	8,590
NPS	2	0	2	0	4	0
ST	139	5,383	97	271	236	5,654
Totals:	982	25,752	492	39,083	1,474	64,835

Nebraska

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	1	1	0	0	1	1
FS	5	628	1	25	6	653
FWS	0	4,958	0	0	0	4,958
ST	5	3,859	3	7	8	3,866
Totals:	11	9,446	4	32	15	9,478

Nevada

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BLM	148	9,858	168	42,544	315	52,401
C&L	121	5,045	39	4,231	157	9,276
DOD	1	0	0	0	1	0
FS	20	3,490	34	16,706	54	20,195
FWS	4	0	1	0	5	0
NPS	10	9	1	0	11	9
OTHR	6	176	1	1	7	177
ST	8	223	0	0	8	223
Totals:	318	18,801	244	63,481	562	82,282

New Hampshire

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	1	1	0	0	1	1
ST	15	24	0	0	15	24
Totals:	16	25	0	0	16	25

New Jersey

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FFS	727	11,346	0	0	727	11,346
Totals:	727	11,346	0	0	727	11,346

New Mexico

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	60	135	29	401	89	536
BLM	52	114	45	750	97	864
DOE	3	4	0	0	3	4
FS	148	15,793	193	45,601	341	61,394
FWS	0	0	2	1	2	1
NPS	1	0	13	345	14	345
ST	188	7,223	125	9,521	313	16,744
Totals:	452	23,269	407	56,618	859	79,887

New York

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FWS	1	0	0	0	1	0
NPS	4	8	0	0	4	8
ST	71	212	3	1	74	213
Totals:	76	220	3	1	79	221

North Carolina

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	10	8	0	0	10	8
DOD	79	5,109	0	0	79	5,109
FS	23	322	1	0	24	322
FWS	1	7	0	0	1	7
OTHR	1	8	0	0	1	8
ST	3,670	8,495	87	599	3,757	9,094
Totals:	3,784	13,949	88	599	3,872	14,548

North Dakota

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	467	2,895	3	2	470	2,897
FS	6	120	0	0	6	120
FWS	9	1,431	2	5	11	1,436
NPS	1	1	0	0	1	1
Totals:	483	4,447	5	7	488	4,454

Ohio

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	125	120	0	0	125	120
ST	373	918	0	0	373	918
Totals:	498	1,038	0	0	498	1,038

Oklahoma

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	394	28,194	3	201	397	28,395
FWS	5	109	0	0	5	109
OTHR	168	2,184	0	0	168	2,184
ST	534	36,454	0	0	534	36,454
Totals:	1,101	66,941	3	201	1,104	67,142

Oregon

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
C&L	18	4,156	7	41	25	4,197
DOF	732	15,985	284	203	1,016	16,188
NPS	5	1	5	1	10	2
FS	329	870	640	24,341	969	25,211
FWS	4	72	3	23,401	7	23,473
BIA	40	235	7	6	47	241
BLM	64	853	155	9,567	219	10,420
Totals:	1,192	22,172	1,101	57,560	2,293	79,732

Pennsylvania

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
NPS	14	3	0	0	14	3
ST	532	688	1	0	533	688
Totals:	546	691	1	0	547	691

Puerto Rico

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
FWS	12	78	0	0	12	78
ST	85	2,828	0	0	85	2,828
Totals:	97	2,906	0	0	97	2,906

Rhode Island

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
ST	45	33	0	0	45	33
Totals:	45	33	0	0	45	33

South Carolina

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
FS	26	1,993	1	97	27	2,090
FWS	1	51	0	0	1	51
OTHR	944	3,666	15	116	959	3,781
ST	5	16	0	0	5	16
Totals:	976	5,726	16	213	992	5,939

South Dakota

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
BIA	119	1,264	12	8	131	1,272
BLM	1	0	1	0	2	0
FS	12	1	19	148	31	149
FWS	0	30	0	0	0	30
ST	150	732	32	78	182	810
Totals:	282	2,027	64	234	346	2,261

Tennessee

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
FS	26	122	4	72	30	194
NPS	3	7	1	0	4	7
OTHR	0	74	0	0	0	74
ST	535	5,190	2	13	537	5,203
Totals:	564	5,393	7	85	571	5,478

Texas

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
C&L	6,048	61,604	221	12,735	6,269	74,339
FS	9	11	3	2	12	13
FWS	7	486	0	0	7	486
NPS	13	1,133	3	7	16	1,140
PR	3	3	0	0	3	3
ST	495	99,881	90	39,631	585	139,512
Totals:	6,575	163,118	317	52,375	6,892	215,493

Utah

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	15	15	16	113	31	128
BLM	92	13,309	122	30,989	214	44,298
DOD	6	590	0	0	6	590
FS	79	3,753	72	16,236	151	19,989
FWS	2	2	0	0	2	2
NPS	4	1	7	437	11	438
ST	492	8,078	118	18,857	610	26,935
Totals:	690	25,748	335	66,632	1,025	92,380

Vermont

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	4	0	0	0	4	0
ST	15	22	0	0	15	22
Totals:	19	22	0	0	19	22

Virginia

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
NPS	3	8	0	0	3	8
FS	14	760	0	0	14	760
ST	347	1,875	0	0	347	1,875
Totals:	364	2,643	0	0	364	2,643

Washington

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	131	3,647	67	46,055	198	49,702
BLM	52	37,397	3	11	55	37,408
FS	70	490	86	5,233	156	5,723
FWS	31	42,081	3	4	34	42,085
NPS	10	1	9	3	19	4
ST	773	34,533	159	286	932	34,819
Totals:	1,067	118,149	327	51,592	1,394	169,742

West Virginia

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	6	1,321	0	0	6	1,321
NPS	1	5	0	0	1	5
ST	586	6,327	0	0	586	6,327
Totals:	593	7,653	0	0	593	7,653

Wisconsin

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	30	16	0	0	30	16
ST	680	1,182	0	0	680	1,182
Totals:	710	1,198	0	0	710	1,198

Wyoming

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	58	273	3	14	61	287
BLM	48	484	68	15,422	116	15,906
BOR	1	0	0	0	1	0
C&L	109	1,350	59	9,589	168	10,939
FS	47	52	43	11,329	90	11,381
FWS	3	49	0	0	3	49
NPS	11	6	9	110	20	116
ST	20	1,631	7	1,548	27	3,179
Totals:	297	3,845	189	38,012	486	41,857

NICC Benchmarks

The figures below represent national-level totals for fire activity and numbers of **resources mobilized through the National Interagency Coordination Center**, except for Incident Management Team mobilizations, which are displayed in totality of mobilizations nationwide. Records set during the year of this report are in **bold**.

Category	Record Year	Record	2019 Stats
Wildfires	2006	96,385	50,477
Wildfire Acres Burned	2015	10,125,149	4,664,364
Significant Fires	2006	1,801	806
Days at Preparedness Level 1&2	2010	365	356
Days at Preparedness Level 4&5	2002	88	0
Days at Preparedness Level 5	2002	62	0
Type 1 IMT Mobilizations (fire & non-fire)	2002	85	4
Type 2 IMT Mobilizations (fire & non-fire)	2000	58	4
Dept. of Defense Battalions/Task Forces	1988	8	0
MAFFS (millions of gallons delivered)	1994	5.03	0
Tactical Crew Mobilizations	2003	1,796	614
Engine Mobilizations	2007	2,267	789
Overhead Mobilizations	2000	17,898	6,545
Type 1 Helicopter Mobilizations	2006	288	130
Type 2 Helicopter Mobilizations	2006	323	66
Heavy Airtankers (VLAT/LAT/MAFFS)	2017	2,298	308
Large Transport Flights	1994	552	52
Mobile Food Units	1994	195	49
Shower Units	1994	256	62

Identifier Legend

Interagency Coordination Centers

NICC: National Interagency Coordination Center

NIFC: National Interagency Fire Center

CIIFC: Canadian Interagency Forest Fire Centre

AK: Alaska Area

EA: Eastern Area

GB: Great Basin Area

NO: Northern California Area

NR: Northern Rockies Area

NW: Northwest Area

RM: Rocky Mountain Area

SA: Southern Area

SW: Southwest Area

SO: Southern California Area

Federal Government Agencies

FS: Forest Service

BIA: Bureau of Indian Affairs

BLM: Bureau of Land Management

FWS: Fish and Wildlife Service

NPS: National Park Service

FEMA: Federal Emergency Management Agency

ESF4: Emergency Support Function, Firefighting

NWS: National Weather Service

DOE: Department of Energy

DOD: Department of Defense

International Partners

AU: Australia

CN: Canada

MX: Mexico

NZ: New Zealand

Other Providers/Ownership

CNTY: County

OT: Other

PRI: Private

ST: State

ST/OT: State/Other Combined

Acronyms and Terminology

Air Attack:	Light aircraft (airplane or helicopter) that carries the ATGS.
ASM:	Aerial Supervision Module, light twin-engine airplane that combines the lead plane function and tactical supervision (pilot and Air Tactical Supervisor - ATS).
CWN:	Call When Needed, refers to aircraft that have a call when needed contract.
DRTI:	Distributed Real-Time Infrared aircraft (operated by DOD).
EXCL:	Exclusive-Use Contract. Refers to aircraft that have an exclusive-use contact with an agency.
IA:	Initial attack.
IMT:	Incident Management Team.
Infrared:	Aircraft outfitted with infrared sensing equipment.
IROC:	Interagency Resource Ordering Capability System.
Large fire:	A large fire is defined as 100 acres or greater in timber, 300 acres or greater in grass/brush, or a Type 1, Type 2 or NIMO team is assigned.
LAT:	Large Airtanker.
Lead Plane:	Twin-engine airplane that guides airtankers over a fire.
MAFFS:	Modular Airborne Fire Fighting System (military C-130 aircraft).
NIMO:	National Incident Management Organization.
Pax:	Passengers.
RAWS:	Remote Automated Weather Station.
Starter:	Type of portable radio kit.
Repeater:	Type of portable radio kit.
Tactical:	Type of portable radio kit.
SEAT:	Single engine airtanker.
TFR:	Temporary Flight Restriction.
UTF:	Unable to Fill resource request (the requested resource couldn't be filled).
UAS:	Unmanned aircraft systems.
VLAT:	Very Large Airtanker.