

National Interagency Coordination Center

Wildland Fire Summary and Statistics Annual Report 2021



Dixie Fire, California



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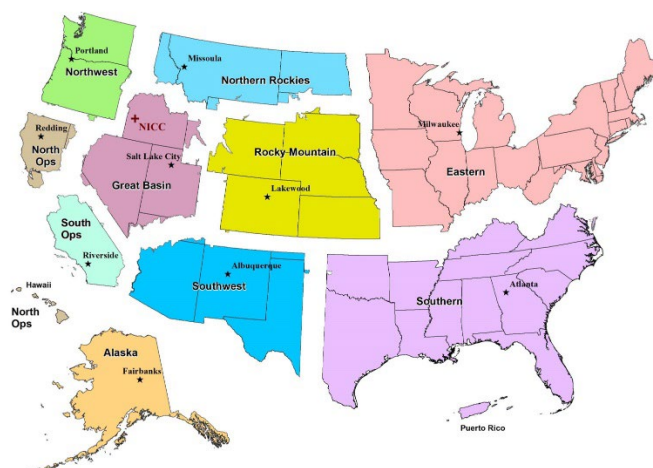
Preface

Statistics used in this report were gathered from 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 they may not reflect official figures for a specific agency. The statistics are delineated by agency and Geographic Area. 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 Capability system (IROC), which tracks tactical, logistical, service, and support resources mobilized by the national incident dispatch coordination system. Statistics presented in this report are resources requested by any of the ten Geographic Area Coordination Centers (GACCs) and processed through NICC, apart from incident management teams². 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 This report only tallies resource requests processed through NICC, with the exception of Incident Management Team mobilizations, it excludes the substantial number of IROC orders that were placed and filled within the same GACC. It also excludes any resource usage not tracked in IROC, such as local dispatch of initial attack resources.

2021 Fire Environment Summary

January – March

Below normal precipitation was observed across much of the United States (US), especially the contiguous US (CONUS), in January and February. Above normal temperatures were also prevalent in January, with the strongest anomalies on the northern Plains and across the Great Lakes into the Northeast. Record setting cold temperatures developed across the central US during the first half of February leading to widespread snow cover and significant infrastructure impacts. Due to these cold temperatures, much of the US experienced well below normal temperatures for the month except the Great Basin, California, the Southwest, and Florida. Much of the West observed below average precipitation and cooler than normal temperatures in March. The Colorado Front Range through the central Plains into the Ohio and Tennessee Valleys observed above average precipitation, but the northern and southern Plains, Florida, and the Northeast were drier than average. Hawai'i had record setting rains in March that included widespread and severe flooding. Like previous months, the warmest and driest anomalies were present across the northern Plains.

By the end of March, snow water equivalent (SWE) across much of the West and Alaska remained near to above normal, with the highest values in Washington and northern Oregon according to data from the National Resources Conservation Service (NRCS). Most areas in the Southwest and much of the Sierra had below average SWE and snowpack. Drought continued for much of the West, with large swaths of extreme to exceptional drought in the Southwest, Great Basin, and on the West Slope. Portions of the Plains, especially the northern Plains and southern High Plains, had drought expand and intensify in early 2021. According to the National Centers for Environmental Information (NCEI), Arizona, New Mexico, Nevada, and Utah had their driest April – March period in 126 years, with California and Colorado having their third and fourth driest April – March period, respectively.

Large fire activity was minimal in the West in January and February but scattered large fire activity continued in the Southern Area. A strong Santa Ana wind event affected southern California in mid-January with an increase of fire activity, but widespread and areas of heavy precipitation reduced fire potential across southern California and the Southwest later in the month. Wind-driven fire spread on the northern and central Plains resulted in several large fires in mid-January, and dry and windy conditions led to short duration wind-driven fires across portions of the Plains, including snow free areas on the High and northern Plains, in February.

Large fire activity increased across the US in March, especially in Southern, Eastern, Rocky Mountain, Northern Rockies, and Southwest Geographic Areas. Dry and windy conditions led to short duration wind-driven large fires across these areas periodically through March, including numerous large fires on March 29. A Fuels and Fire Behavior Advisory was in effect for northwest Minnesota due to fires carrying in all fuel types, including peat, and the potential for rapid fire spread.

April – June

After a dry April with mostly above average temperatures west of the Continental Divide, SWE dropped to below normal across much of the West according to NRCS. The Southwest and much of the Sierra had well below average SWE, but above average SWE was noted in parts of Washington and Alaska at the end of April. Above average precipitation in northern Minnesota

into the western Great Lakes helped improve fuel conditions enough to rescind the Fuels and Fire Behavior Advisory issued in March. Additionally, well above average rainfall along the central Gulf Coast and in Florida eased concerns for above normal significant fire potential May into June. Snowpack across most of the West dropped to well below average values in May, including some record low values in the Sierra. Above average rainfall was observed across the central and southern High Plains and eastward across much of Texas into the Lower Mississippi Valley. Dry conditions continued for eastern North Dakota into the Great Lakes, but timely precipitation and near to below normal temperatures helped limit significant fire activity during May.

Numerous all-time record high temperatures were set in the Pacific Northwest, northern Great Basin, and Northern Rockies at the end of June as part of a historic heat wave. Lightning activity increased dramatically across much of the West, including Alaska, during multiple episodes in June. Lightning episodes were also preceded and followed by very hot and dry weather, including a heat wave across the broader Desert Southwest around mid-June and the historic heat wave across the Pacific Northwest, Northern Rockies, and northern Great Basin in late June. Widespread temperatures above 100°F, including many stations above 105-110°F, were observed across the Pacific Northwest, Northern Rockies, and northern Great Basin. Portland reached 116°F, SeaTac 108°F, and Quillayute 110°F, which broke its previous all-time record high temperature by 11°F. Dallesport, WA and Hermiston, OR set state records for high temperature at 118°F. The first surge of monsoonal moisture arrived in the Southwest, Colorado, and southern Great Basin during the last few days of June.

By the end of June, more than 90% of the West was in drought, with over half the region in extreme to exceptional drought (i.e., the highest two categories), becoming the most expansive and intense drought for the West this century at the time. Drought continued to intensify in California and parts of the Pacific Northwest and Northern Rockies, while persisting in the Great Basin and Southwest except for small reductions in New Mexico. Drought expanded in the Great Lakes and New England but improved in Texas and the Carolinas. Multiple Fuels and Fire Behavior Advisories were issued around early June and continued into July or August for the central Sierra, Utah and southern Nevada, Minnesota, and portions of Arizona and New Mexico. At one point in July, seven Fuels and Fire Behavior Advisories were in effect simultaneously.

While the year-to-date acres burned remained well below the 10-year average at the end of April, there were notable large fires. This included two Type 1 Incident Management Teams being assigned to large fires in the Southwest during the last ten days of April, but the absence of critical fire weather patterns in areas with very dry fuels helped limit significant fire activity in May. Fuels remained very dry across large swaths of the Southwest, Great Basin, and California, with fuel dryness levels in much of the West being two to four weeks ahead of the typical seasonal progression.

Fire activity increased significantly across the West during June. Most of the significant fire activity was in the Southwest, Colorado, Utah, and Montana through mid-June, with increasing fire activity across portions of California in mid to late June. The national Preparedness Level (PL) increased to four on June 22, the second earliest occurrence in PL history (i.e., since 1990, when PL record-keeping began).

July – September

Lightning activity continued across much of the West and Alaska during July. An abundant dry thunderstorm outbreak occurred July 7-8 across the interior Northwest and Northern Rockies that

ignited numerous large fires throughout Oregon, Washington, Idaho, and Montana. This lightning episode was also preceded and followed by very hot and dry weather. Several other episodes of mixed wet and dry thunderstorms occurred throughout the month. A strong start to the monsoon brought beneficial rainfall to the southern Great Basin, southeast California, southern Colorado, and Southwest where many locations received two to five times their normal precipitation for July. A surge of monsoon moisture at the end of July produced a period of wet thunderstorms for the Great Basin, Colorado, and Wyoming.

Lightning activity continued across much of the West in August but decreased across Alaska. A round of thunderstorms in late July into early August ignited numerous large fires across northwest California into the Oregon and Washington Cascades. This lightning episode was also followed by periods of hot and dry weather into mid-August. A strong surge of monsoon moisture brought beneficial rainfall to Utah, western Colorado, southeast Idaho, western Wyoming and much of Montana. The monsoon continued across the Southwest through August while the Southeast continued to see above normal rainfall. The tropical Atlantic was active with Tropical Storm Henri making landfall in Rhode Island on August 22, and Hurricane Ida in Louisiana on August 29.

Fire activity continued to increase significantly during July. Significant fire activity moderated in the Southwest, Utah, and Colorado due to the monsoon arrival, but increased markedly across the Northwest, northern California, Idaho, and Montana. The national PL increased to five on July 14, the third earliest occurrence in PL history. The area of extraordinary dry fuels in the westernmost states extended to Hawai'i, where the Mana Road fire, one the largest wildfires in the state's history, burned 40,000 acres on the Big Island in late July and early August. Fire activity continued at very high levels throughout the West through August. Significant fire activity moderated across Idaho and Montana during the latter half of August, but increased significantly across the Northwest, northern California, and Minnesota.

Through August, more than 95% of the West remained in drought, with over half the region in extreme to exceptional drought. This became the most expansive and intense drought for the West this century according to the US Drought Monitor. Drought continued to intensify in northern California, northern Great Basin, Minnesota, and parts of the Pacific Northwest and Northern Rockies. However, some improvement in the drought was observed over the Southwest and southern Utah due to a robust monsoon. Drought was alleviated in much of the Great Lakes and Northeast by the end of August. Fuels and Fire Behavior Advisories were added for central and southern Idaho, northern California, the Northern Rockies, the Sierra Front, and south-central and central Oregon in July. All these advisories were valid into August with most continuing into September.

The months of July and August are when the nation's largest wildfires ignited and burned prolifically in northern California and southern Oregon. Ultimately, just five fires would collectively account for more than two million acres burned. The River Complex, Caldor, and Monument fires each burned between 200,000 and a quarter-million acres in California, and Oregon's Bootleg fire burned more than 400,000 acres. The nation's largest fire of 2021, the Dixie fire in northern California, would ultimately grow to 963,000 acres, falling just short of a million acres and becoming the largest single wildfire in California's history³.

³ 2020's August Complex, which ultimately burned over a million acres, remains California's largest historic wildfire incident, but it was comprised of multiple fires that eventually merged.

The fires in northern California and the Pacific Northwest remained very active in early September, including the Dixie and Caldor fires. Lightning spread across wide swaths of California, central and eastern Oregon, and Nevada on September 9-10, but enough precipitation fell to limit significant fire activity and initial attack. However, the Windy fire and KNP Complex started from this lightning and remained active through the end of the month. Additionally, the Cougar Peak, Dixie, Antelope, and Boundary fires were very active ahead of the lightning on September 9, all producing deep pyrocumulus or pyrocumulonimbus.

Fire activity moderated in Minnesota due to multiple rounds of rain during the first half of September, with fire activity eventually abating in the Pacific Northwest, Idaho, and parts of Montana due to cooler temperatures, higher RH, and timely precipitation with shorter days by the end of September. The Haystack fire did make a four-plus mile run northeast of Butte, MT on September 18 amid strong southwest winds, with the Trail Creek and Alder Creek Fires having multiple days of extreme fire behavior during the month before activity diminished towards the end of the month. An uptick of large fire activity was also observed in Oklahoma.

The national PL remained at five through September 20, spanning 68 days, which is the longest period since PL record keeping began in 1990. On September 28, the national PL dropped to three, which at 99 days is the longest period at PL four and five combined. However, year-to-date acres burned at the end of September remained below the 10-year average.

Nearly 90% of the West remained in drought, with more than half of the West in the highest two categories of drought at the end of September. Above average precipitation was observed in much of the Pacific Northwest and into the northern Idaho Panhandle, and northwest and northeast portions of California during September. The rest of California and much of the Great Basin and Rocky Mountains had below average precipitation. Much of the CONUS had above normal temperatures except for western Washington and much of the Southeast where near to below normal temperatures were observed.

October-December

Above normal temperatures and dry conditions remained across the West Coast during the first half of October. The arrival of a strong atmospheric river October 23-25 substantially mitigated the dry conditions across much of the West. Numerous daily and 24-hour rainfall records were set during this event across California, Nevada, and Oregon. Precipitation across much of the US was above normal for October, but notable drier than normal areas included the Carolinas, central and southern High Plains, and portions of central Montana. Above normal temperatures were observed in October east of the Rockies, with near to below normal temperatures from the West Coast through the Intermountain West.

Precipitation across the CONUS was below normal for November while portions of New Mexico, Oklahoma, and Texas observed their driest November on record according to NCEI. Very dry conditions also continued through November for eastern Colorado, Kansas, and central Montana. An active storm pattern returned to the West by mid-December with abundant precipitation. However, as the storms moved into the Plains, downslope drying continued the very dry pattern across the central and southern Plains, the strongest of which on December 15 brought wind gusts to 100 mph across portions of eastern Colorado and Kansas.

Precipitation for the last quarter of 2021 was above normal for much of the West into the northern Plains with a good start to the snowpack. According to NCRS, SWE on December 31 was above

normal for most basins in California, Oregon, Nevada, Idaho, Utah, Colorado, and Arizona, while SWE over the remainder of the West was near normal except for below normal SWE in New Mexico. However, the central and southern Plains, Lower Mississippi Valley, and Carolinas into Virginia all had their top 10 driest October to December periods on record. Temperatures were much above normal for most of the CONUS, with the central and southern Plains recording the warmest October to December period on record according to NCEI. Drought developed or increased in intensity across much of the central and southern Plains, Carolinas, Virginia, and Lower Mississippi Valley while drought improvement was observed across much of the West.

Alaska continued to cool with abundant snow over much of the state by early December, but an unusually warm and wet storm brought icing and very heavy snow to parts of interior Alaska December 26, with Nome and Fairbanks recording their wettest December on record. Lee side locations in Hawai'i continued dry through November, but a strong Kona Low December 5-7 brought heavy rains and flooding to much of the state, with heavy snow falling across the higher peaks of Mauna Loa and Mauna Kea.

Fire activity continued to wane across much of the West through October. However, a downslope wind event across north-central Montana on October 4, and Santa Ana winds on October 11 started several new large fires, including the Alisal fire west of Santa Barbara, California. The atmospheric river event on October 23-55 effectively ended the 2021 fire season for the Northwest, northern California, and Great Basin Geographic Areas, as well as the Northern Rockies west of the Continental Divide. However, fire activity began to increase across the Plains and portions of the Southern Geographic Area in October.

Fire activity was minimal for much of the West through November but continued to increase across the Plains and portions of the Southern Area. Several large fires were observed across the plains of New Mexico, Colorado, Montana, Nebraska, Oklahoma, and Texas during periodic wind events throughout November. Large fires also occurred across portions of Alabama, Kentucky, West Virginia, Virginia, and the Carolinas due to dry northwest winds behind passing cold fronts. Other large fires occurred across portions of Arkansas, southern Missouri, Mississippi, and Alabama during November as well.

December saw a marked increase in fire activity across the central and southern Plains as well as the Front Range. A strong downslope wind event on December 1 started two large fires across north-central Montana with the West Wind fire burning through Denton, Montana. Periodic wind events and large fires continued across the Plains through the month, but the most significant event occurred December 15 with wind gusts up to 100 mph. Over a dozen large fires erupted that day over Texas, Oklahoma, and Kansas. This unusual late-season event resulted in the nation's tenth largest fire of 2021, the Four County fire in central Kansas, which spanned over 30-miles run burned almost all of its 122,000 acres on the same day it ignited. Strong downslope winds gusting to 110 mph along the Colorado Front Range on December 30 resulted in the Marshall fire, which burned over 1,000 structures in the communities of Superior and Louisville. Large fires also continued through December across portions of the Lower Mississippi Valley and central Appalachians due to the continued dry conditions.

National Fire Activity Synopsis

Nationally, there were 58,985 wildfires reported in 2021, compared to 58,950 wildfires reported in 2020. Reported wildfires consumed 7,125,643 acres nationally, compared to 10,122,336 acres in 2020.

In 2021, the reported number of wildfires and acres burned nationwide were remarkably similar to their respective 10-year averages; however, there was considerable variation among the Geographic Areas. In general, there can be wider variance from year to year (and in comparison to averages) in acres burned, while number of fires tends to vary to a lesser extent. Alaska Area and Southern Area, which are two Geographic Areas that sometimes account for especially large percentages of the nation's total acres burned in any given year, saw fewer fires and burned significantly less acreage than normal in 2021. Similarly, Great Basin had a relatively normal number of fires, but burned far fewer acres than normal in 2021. As a result, the national totals for fires and acres burned were close to average, even though some other Geographic Areas saw abnormally high levels of activity in 2021.

In comparison to their 10-year average fire occurrence, 2021 was a particularly active year for four Geographic Areas. Northern California experienced a near normal number of ignitions, but saw some of those fires grow to enormous size, causing the overall acreage burned to significantly exceed the area's 10-year average (further notable because the annual average itself had increased considerably after the busy 2018 and 2020 fire seasons in Northern California). In Northwest and Eastern Areas, the combination of more fires and large sizes resulted in above average activity. That trend was amplified most in Northern Rockies, which tallied significantly more fires and burned more than twice the normal acreage in comparison with its 10-year averages.

A total of 5,972 structures were reported destroyed by wildfires in 2021, including 3,577 residences, 2,225 minor structures, and 237 commercial/mixed residential structures. In 2021, California accounted for the highest number of structures lost in one state: 2,031 residences, 196 commercial/mixed residential structures and 1,136 minor structures. Regarding structures lost, the year's most destructive fire occurred at the very end of 2021. When the Marshall fire in Colorado ignited on the afternoon of December 30, and burned more than 1,000 residences in just a few hours during an extreme wind event.

Requests for firefighting resources placed with NICC during the 2021 fire season were near or above the 10-year average in all categories. Filled requests for crews, engines, and overhead were well above their respective 10-year averages. While aircraft usage has almost certainly not declined, orders for helicopters and heavy airtankers were at or below their respective 10-year averages due to the amount of "surge" aircraft made available in 2021.

Significant Incidents Over 40,000 Acres in 2021

Name	GACC	State	Start Date	Contain or Last Report Date	Size (acres)	Cause*	Estimated Cost
Dixie	NO	CA	7/13	10/23	963,309	U	\$637,428,216
Bootleg	NW	OR	7/6	8/13	413,717	L	\$100,900,000
Monument	NO	CA	7/31	10/25	223,124	L	\$163,739,291
Caldor	NO	CA	8/14	10/20	221,835	H	\$271,147,512
River Complex	NO	CA	7/30	10/24	199,359	L	\$95,340,595
Telegraph	SW	AZ	6/4	7/2	180,757	H	\$36,400,000
Richard Spring	NR	MT	8/8	8/20	171,130	L	\$6,500,000
Antelope	NO	CA	8/1	10/14	145,632	U	\$74,950,300
McFarland	NO	CA	7/30	9/15	122,653	L	\$43,960,000
Four County	RM	KS	12/15	12/23	121,622	H	NR
Snake River Complex	NR	ID	7/8	8/18	109,444	L	\$9,498,972
Schneider Springs	NW	WA	8/4	10/25	107,322	L	\$53,955,225
Beckworth Complex	NO	CA	7/3	9/21	105,670	U	\$542,539,952
Windy	SO	CA	9/9	11/10	97,528	L	\$78,421,741
McCash	NO	CA	7/31	10/27	94,962	L	\$53,350,000
Cougar Peak	NW	OR	9/7	10/20	91,810	U	\$26,000,000
Johnson	SW	NM	5/20	7/15	88,918	L	\$7,500,000
Boundary	GB	ID	8/10	10/21	88,757	L	\$12,002,000
KNP Complex	SO	CA	9/12	12/15	88,307	L	\$170,000,000
Rafael	SW	AZ	6/20	7/13	78,065	L	\$11,000,000
Mescal	SW	AZ	6/1	6/16	72,250	H	\$12,075,000
Cub Creek 2	NW	WA	7/16	9/26	70,168	H	\$27,788,529
Devil's Knob Complex	NW	OR	8/3	10/29	70,110	L	NR
Tamarack	GB	NV	7/16	10/7	68,637	L	\$37,000,000

Name	GACC	State	Start Date	Contain or Last Report Date	Size (acres)	Cause*	Estimated Cost
P F	NR	MT	7/27	8/3	66,134	U	\$1,800,000
Trail Creek	NR	MT	7/8	10/28	62,013	L	\$40,000,000
Whitmore	NW	WA	8/3	10/16	58,234	L	\$20,000,000
Cedar Creek	NW	WA	7/10	9/26	55,842	L	\$40,042,323
Woods Creek	NR	MT	7/21	10/21	55,449	L	\$27,000,000
Dry Gulch	NW	WA	7/7	8/28	55,102	L	\$3,679,000
Munson Creek	AK	AK	6/25	7/27	54,050	L	\$1,073,724
Dry Creek	AK	AK	6/14	7/22	52,382	L	\$1,464,000
Rough Patch Complex	NW	OR	7/29	11/10	50,564	L	NR
Summit Trail	NW	WA	7/13	10/16	46,329	L	\$58,000,000
Dixie	NR	ID	7/5	11/4	43,802	L	\$30,000,000
Green Ridge	NW	OR	7/9	10/13	43,694	L	\$4,330,000
Backbone	SW	AZ	6/17	7/14	40,855	L	\$13,200,000
Mana Road	NO	HI	8/1	8/9	40,000	H	NR

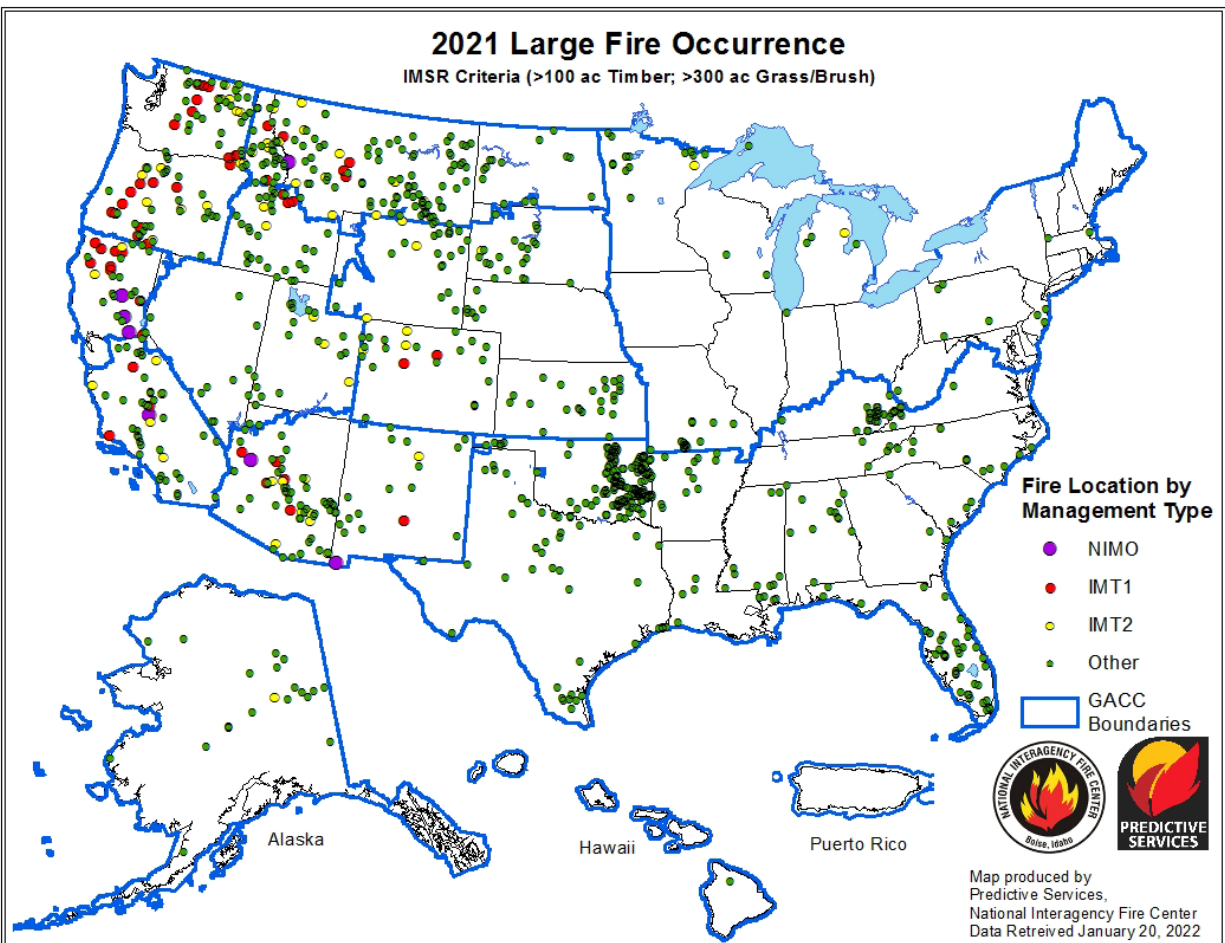
* L – Lightning H – Human U – Unknown/Under Investigation NR – Not Reported

Information in the above table was derived from the Sit/209 Application. This information may not reflect final official figures.

Wildfires and Acres

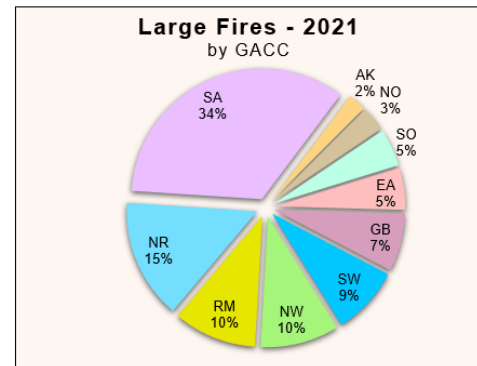
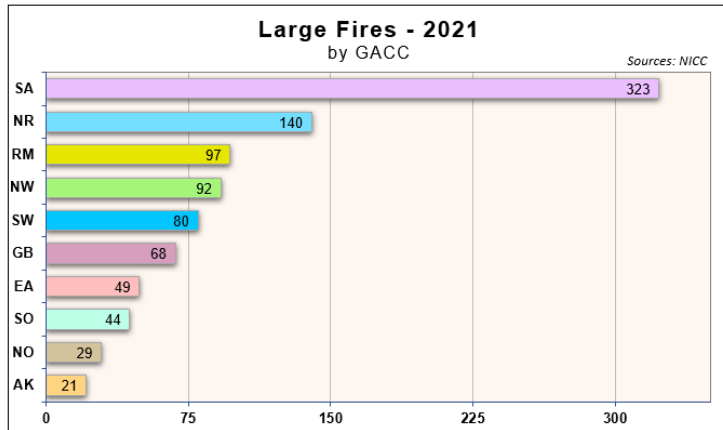
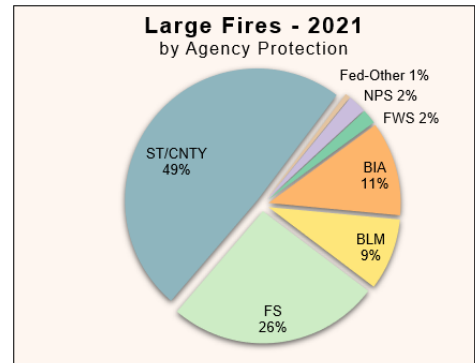
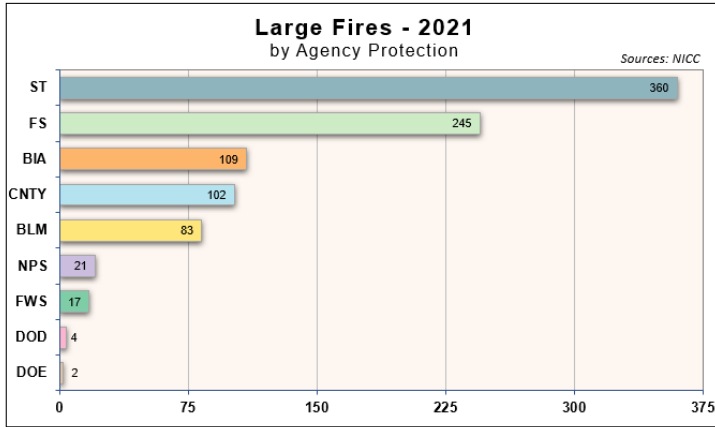
Large fires are defined in the National Mobilization Guide as fires that burn a minimum of 100 acres in timber fuel types, 300 acres in grass and brush fuel types, or are otherwise managed by a Type 1 or 2 Incident Management Team or NIMO.

There were 943 large wildfires and complexes reported in 2021 (derived from ICS-209 reports submitted through the SIT/209 Application). Large wildfires represented less than 2% of total wildfires reported nationally in 2021. The map below depicts the locations of these fires.



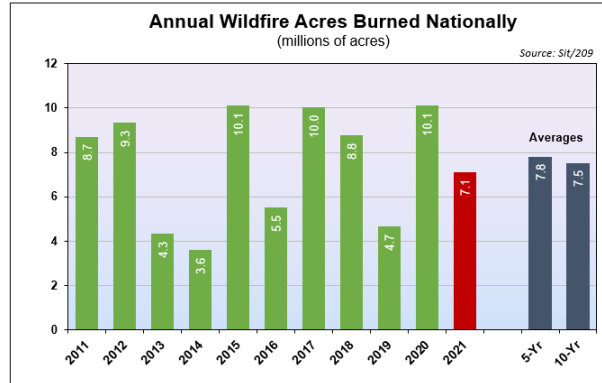
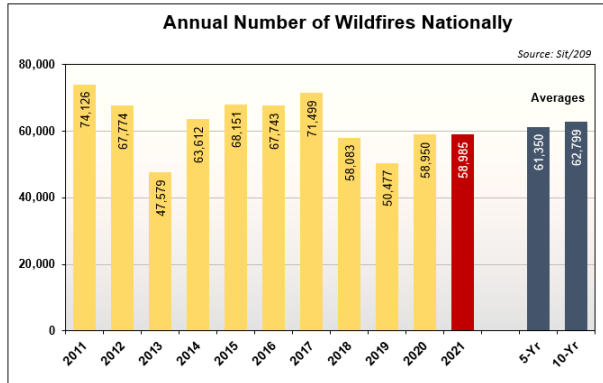
Large Wildfires by Geographic Area and Agency

In 2021, most incidents that met “large fire” criteria occurred in Southern Area and on lands protected by a state-level or other non-federal fire management organization.



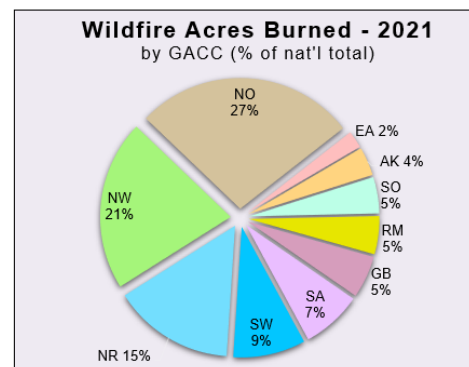
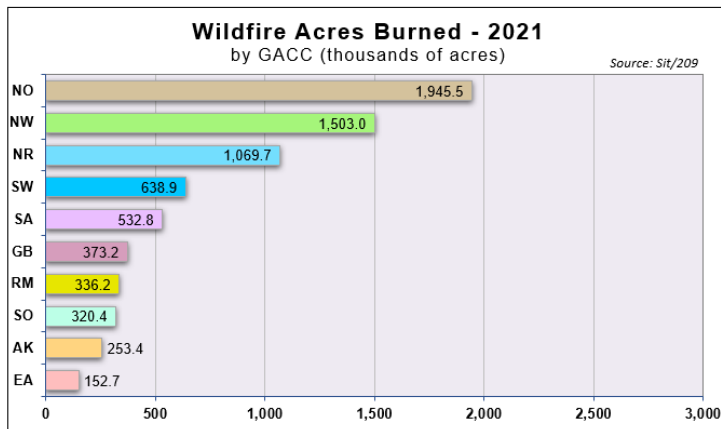
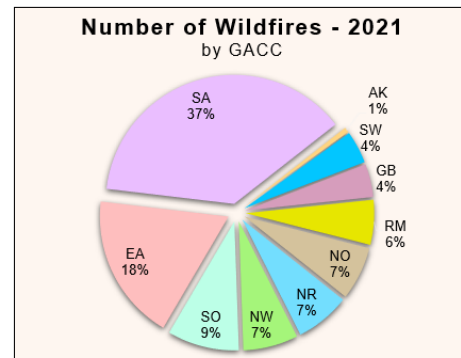
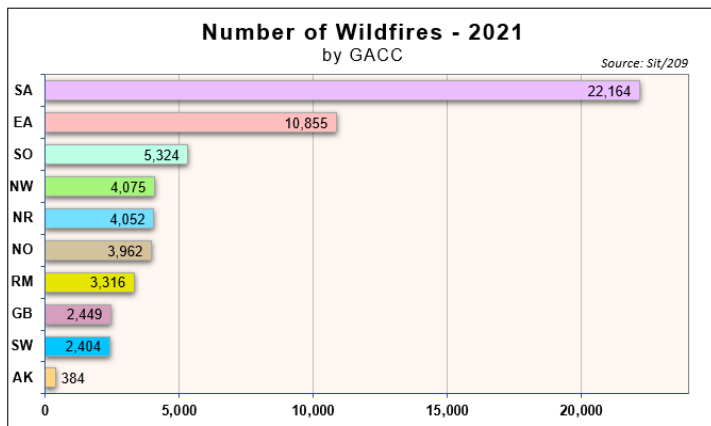
Overall Wildfire Activity Reported to NICC

In 2021, there were 58,985 wildfires that burned 7,125,643 acres. The total number of fires and acres burned in 2021 were similar to both the five and ten-year national averages. However, as explained previously, 2021 was a notably active year for certain Geographic Areas.

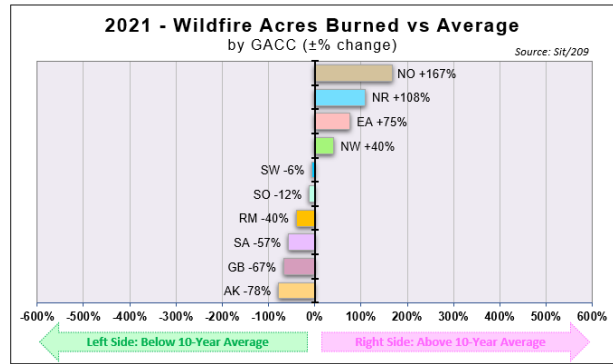
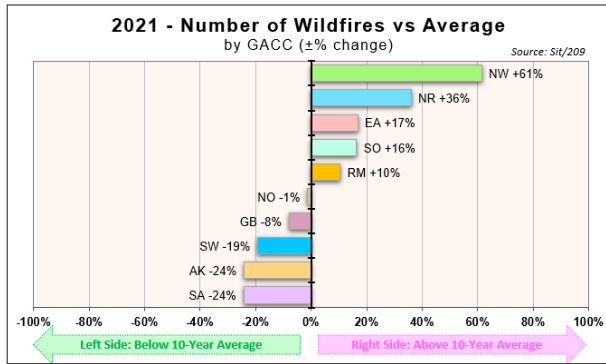


Wildfires by Geographic Area

Overall, the distribution of the number of wildfires in 2021 was like previous years, with the Southern Area and Eastern Area accounting for nearly half of the fires in the United States.

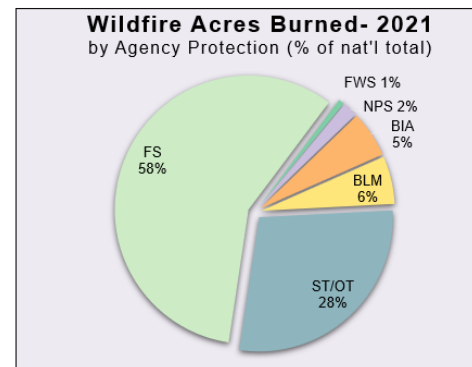
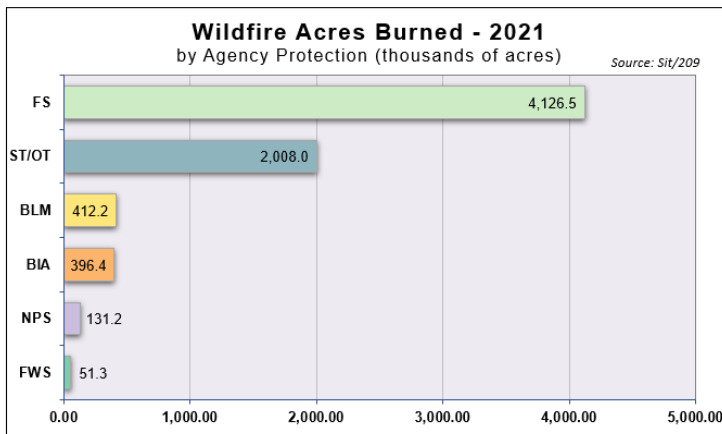
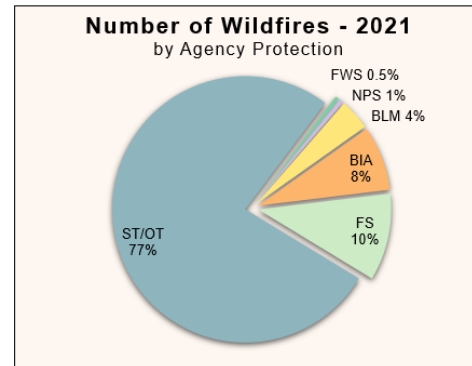
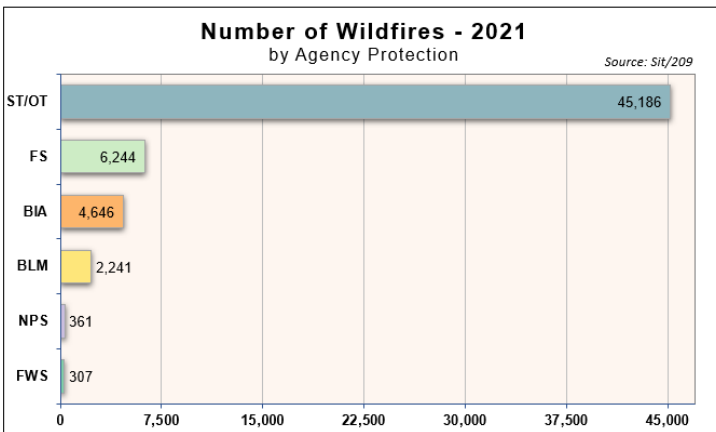


The charts below show the 2021 fire activity for each Geographic Area as a percentage of its annual average from the past ten years.



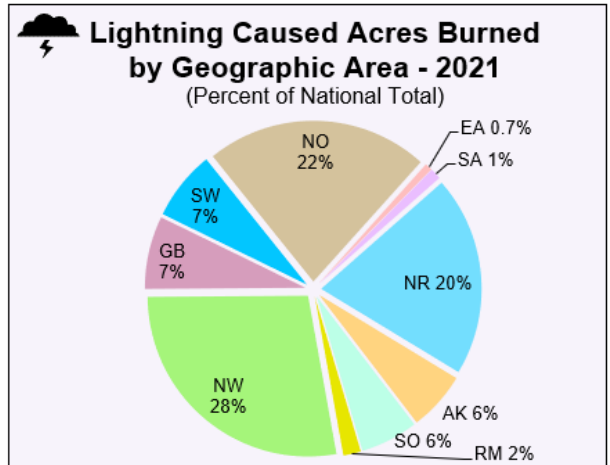
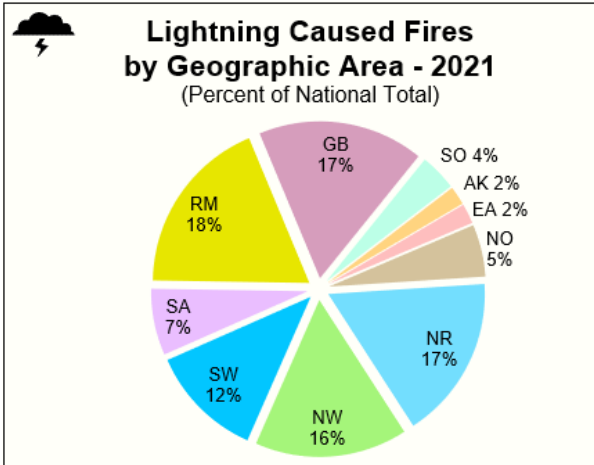
Wildfires by Agency

The distribution of wildfires by protection agency in 2021 was like prior years. About one-quarter of the nation's fires occurred on federally protected lands. Most wildfires, however, ignited on private lands or other areas under state or local protection.



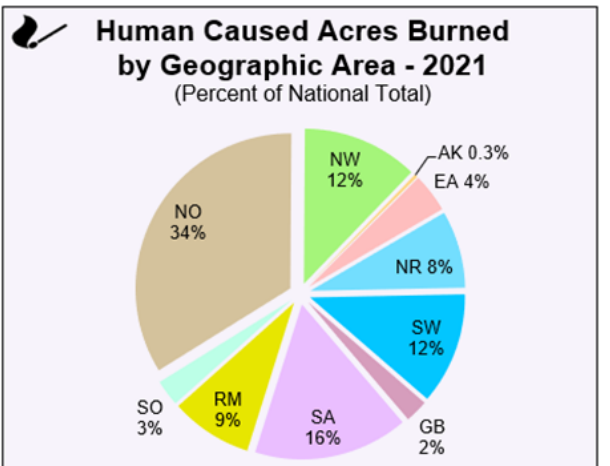
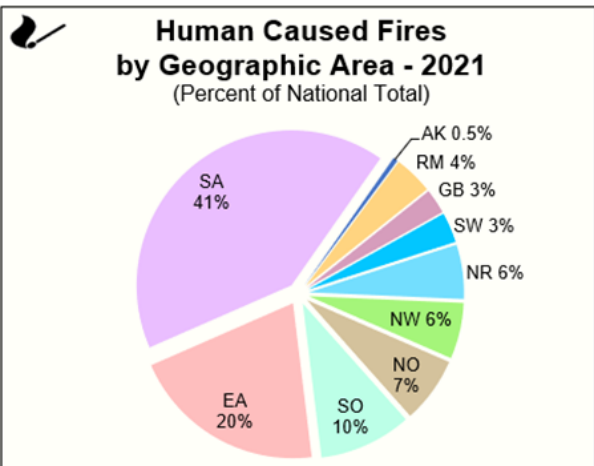
Lightning Fires and Acres by Geographic Area

Year: 2021	AK	EA	GB	NO	NR	NW	RM	SA	SO	SW	Total
Fires	122	130	1,087	341	1,071	1,000	1,170	435	241	747	6,344
Acres	243,463	30,287	300,748	920,967	826,057	1,137,284	72,428	45,743	237,972	286,935	4,101,884



Human Caused Fires and Acres by Geographic Area

Year: 2021	AK	EA	GB	NO	NR	NW	RM	SA	SO	SW	Total
Fires	262	10,725	1,362	3,621	2,981	3,075	2,146	21,729	5,083	1,657	52,641
Acres	9,894	122,382	72,416	1,024,538	243,603	365,742	263,758	487,093	82,405	351,928	3,023,759



Wildfires and Acres Burned by Agency and GACC: 2011-2021

Agency		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	5-Yr Avg.	10-Yr Avg.
BIA	Fires	4,274	5,753	3,239	3,377	3,886	4,056	3,843	3,472	2,830	4,740	4,646	3,788	3,947
	Acres	364,767	866,444	173,491	327,352	591,644	325,162	306,542	216,118	151,305	923,298	396,433	384,485	424,612
BLM	Fires	2,798	3,031	2,628	1,944	2,093	2,105	2,927	2,872	2,046	2,362	2,241	2,462	2,481
	Acres	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	1,131,540	412,155	1,791,305	1,990,158
FS	Fires	6,667	7,098	7,105	6,755	7,056	5,676	6,617	5,629	5,332	6,738	6,244	5,998	6,467
	Acres	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	4,814,465	4,126,564	2,370,331	2,041,565
FWS	Fires	442	394	332	348	194	174	252	162	175	238	307	200	271
	Acres	171,368	101,752	138,284	17,404	33,897	15,374	206,393	71,137	91,311	52,739	51,264	87,391	89,966
NPS	Fires	418	369	455	389	398	463	314	389	290	304	361	352	379
	Acres	98,147	140,807	265,755	24,949	74,780	177,901	110,349	121,092	27,533	145,447	131,182	116,464	118,676
State/ Other	Fires	59,527	51,129	33,820	50,799	54,524	55,269	57,546	45,559	39,804	44,568	45,186	48,549	49,255
	Acres	5,387,738	2,205,729	1,363,772	1,482,390	2,738,393	2,559,831	3,825,504	4,146,363	1,753,843	3,054,847	2,008,045	3,068,078	2,851,841
Totals:	Fires	74,126	67,774	47,579	63,612	68,151	67,743	71,499	58,083	50,477	58,950	58,985	61,350	62,799
	Acres	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	10,122,336	7,125,643	7,818,054	7,516,818

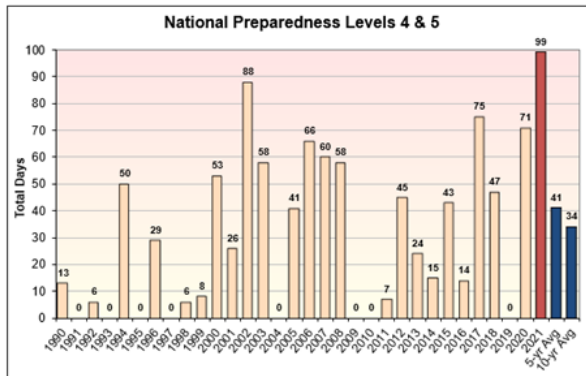
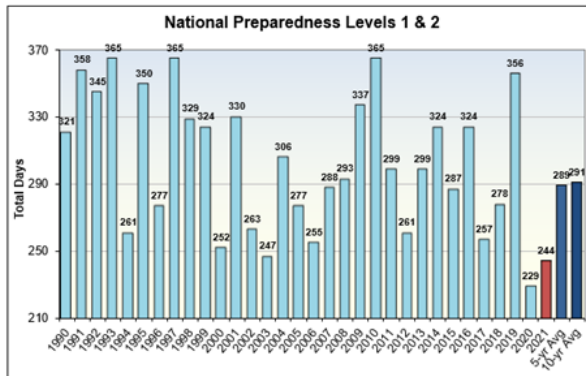
GACC		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	5-Yr Avg.	10-Yr Avg.
AK	Fires	515	416	603	384	768	572	364	367	720	349	384	474	506
	Acres	293,018	286,887	1,316,876	233,561	5,111,404	496,467	653,023	410,683	2,498,159	181,169	253,356	847,900	1,148,125
EA	Fires	9,153	11,147	7,110	7,030	11,639	11,270	9,816	6,891	5,750	13,175	10,855	9,380	9,298
	Acres	213,172	146,208	64,992	54,141	100,294	98,042	41,705	50,734	38,852	63,036	152,669	58,474	87,118
GB	Fires	2,695	3,343	2,971	2,250	2,096	2,063	3,127	2,776	2,308	2,958	2,449	2,646	2,659
	Acres	886,667	2,502,018	930,795	164,802	505,483	761,622	2,103,788	2,087,922	459,384	948,812	373,165	1,272,306	1,135,129
NO	Fires	3,092	3,536	5,299	4,082	4,587	3,363	4,173	3,602	3,704	4,678	3,962	3,904	4,012
	Acres	24,200	771,486	165,194	474,826	594,048	96,706	672,448	1,496,950	214,742	2,779,003	1,945,506	1,051,970	728,960
NR	Fires	2,053	3,433	2,773	2,665	3,817	2,700	3,900	2,741	2,309	3,404	4,052	3,011	2,980
	Acres	198,624	1,497,972	179,459	143,271	745,947	202,140	1,551,275	147,093	74,042	403,046	1,069,660	475,519	514,287
NW	Fires	2,150	2,305	4,389	4,572	4,603	2,519	3,404	3,764	3,690	3,853	4,075	3,446	3,525
	Acres	303,260	1,515,596	503,993	1,383,514	1,823,473	513,226	1,121,442	1,336,096	249,476	1,983,970	1,503,026	1,040,842	1,073,405
RM	Fires	3,433	5,584	2,621	2,356	2,559	3,289	3,164	2,480	1,684	2,852	3,316	2,694	3,002
	Acres	517,004	1,244,073	237,121	78,345	180,822	686,921	754,747	748,956	114,685	1,021,951	336,187	665,452	558,463
SA	Fires	42,362	30,964	14,448	34,267	31,594	34,474	35,068	27,721	22,999	18,773	22,164	27,807	29,267
	Acres	3,892,567	718,624	182,650	752,694	556,267	1,591,044	1,960,764	1,591,101	498,925	556,902	532,835	1,239,747	1,230,154
SO	Fires	4,891	4,412	4,608	3,786	4,175	3,996	5,389	4,453	4,632	5,419	5,324	4,778	4,576
	Acres	104,829	99,914	412,481	80,218	304,925	479,207	595,873	348,722	55,092	1,144,214	320,378	524,622	362,548
SW	Fires	3,782	2,634	2,757	2,220	2,313	3,497	3,094	3,288	2,681	3,489	2,404	3,210	2,976
	Acres	2,278,026	543,460	325,985	230,241	202,486	584,620	571,021	549,235	461,005	1,040,233	638,861	641,223	678,631
Totals:	Fires	74,126	67,774	47,579	63,612	68,151	67,743	71,499	58,083	50,477	58,950	58,985	61,350	62,799
	Acres	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	10,122,336	7,125,643	7,818,054	7,516,818

National Preparedness Levels

In 2021, the National Preparedness Level (PL) was elevated and decreased accordingly:

- Elevated from PL 1 to PL 2 on April 1
- Elevated from PL 2 to PL 3 on June 15
- Elevated from PL 3 to PL 4 on June 22
- Elevated from PL 4 to PL 5 on July 15
- Decreased from PL 5 to PL 4 on September 21
- Decreased from PL 4 to PL 3 on September 29
- Decreased from PL 3 to PL 2 on October 14
- Decreased from PL 2 to PL 1 on October 22

2021 - 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	0	0	0	0	0	0	10	30	31	161
2	0	0	0	30	31	14	0	0	0	8	0	0	83
3	0	0	0	0	0	7	0	0	2	13	0	0	22
4	0	0	0	0	0	9	14	0	8	0	0	0	31
5	0	0	0	0	0	0	17	31	20	0	0	0	68
Total:	31	28	31	30	31	30	31	31	30	31	30	31	365



National Preparedness Level Summary

Year	Total Days at National Preparedness Levels						
	1	2	3	4	5	PL1&2	PL4&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
2020	205	24	66	26	45	229	71
2021	161	83	22	31	68	244	99
Total Days: 5-yr Avg						289	41
Total Days: 10-yr Avg						291	34

Requests Created Nationally in IROC

2021 was another busy year for the wildland firefighter and dispatch community. Over 600,000 requests were entered nationwide into IROC, compared to approximately 547,000 in 2020. These statistics include requests that were filled, cancelled, or unable to fill.

	Aircraft	Crew	Equipment	Overhead	Supply	Total
Alaska Area	300	143	586	4,056	1,963	7,048
Eastern Area	721	111	1,785	9,049	6,634	18,300
Great Basin Area	3,827	828	4,714	24,986	21,072	55,427
National Area (NICC)	75	68	94	1,749	109	2,095
Northern California Area	11,029	6,027	33,930	56,822	33,649	141,457
Northern Rockies Area	5,599	2,258	9,957	36,725	40,370	94,909
Northwest Area	7,518	3,019	14,317	46,290	46,207	117,351
Rocky Mountain Area	2,084	572	3,187	14,302	10,140	30,285
Southern Area	358	39	675	7,569	2,021	10,662
Southern California Area	10,158	4,308	22,981	39,992	19,364	96,803
Southwest Area	2,920	780	4,553	24,657	18,909	51,819
Totals	44,589	18,153	96,779	266,197	200,438	626,156

Requests Created Nationally to Support FEMA

Mobilizing overhead resources to support COVID-19 Vaccination Centers across the United States dominated the spring of 2021. These resources were requested by the Federal Emergency Management Agency utilizing ESF#4 activation. Over 3,000 resources from various agencies supported the vaccination effort.

Requesting Geographic Area	Responders
Alaska Area	0
Eastern Area	879
Great Basin Area	98
Northern California Area	827
Northern Rockies Area	0
Northwest Area	197
Rocky Mountain Area	15
Southern Area	368
Southern California Area	746
Southwest Area	133
Totals	3,263

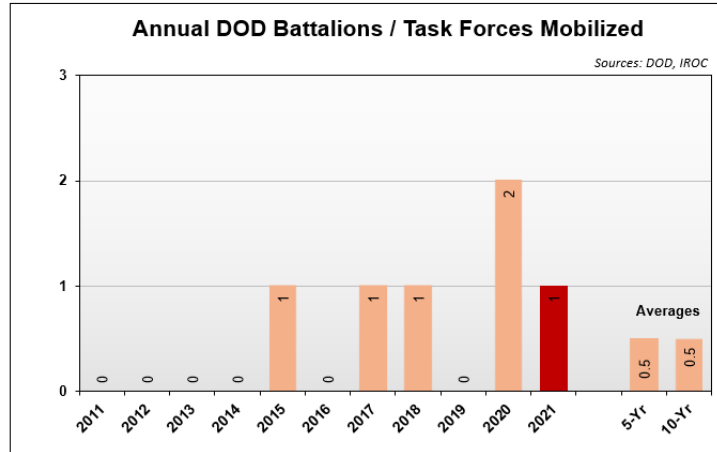
Responding Agency	Responders
BIA	8
BLM	114
NPS	139
FWS	30
USFS	1,033
ST	1,700
Other	239
Totals	3,263

Requests Processed through the NICC

The following statistics pertain to requests processed through the National Interagency Coordination Center, except for Incident Management Teams, which are captured on a national mobilization scale. They are broken down by requesting Geographic Area and Requesting Agency. Five- and ten-year averages are also provided.

Department of Defense Mobilizations

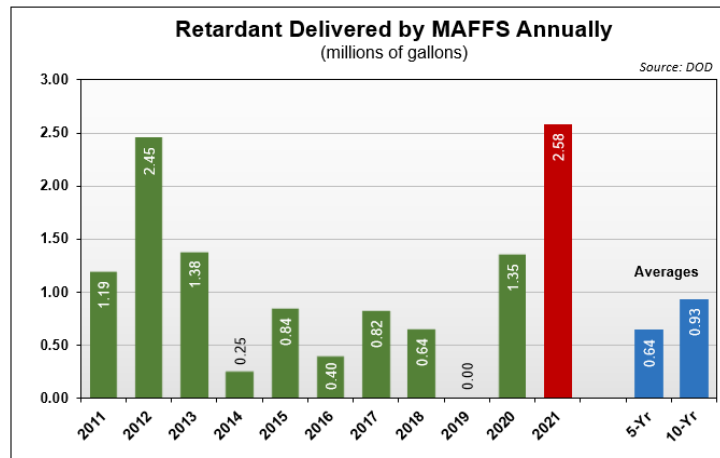
In 2021, NICC processed one military half battalion request, which was provided by the US Army (Joint Base Lewis-McChord) to support wildfires in California. The number of military battalions and task forces requested through NICC and deployed in the last ten years is shown below.



Modular Airborne Fire Fighting Systems (MAFFS)

NICC processed 8 requests for MAFFS in 2021. MAFFS were activated on July 23rd and released on September 29th. National statistics are listed below:

- Total missions: 945
- Total employment hours: 942
- Total retardant drops: 929
- Total gallons of retardant dropped: 2,583,204



Distributed Real-Time Infrared (DRTI)

Two RC-26 aircraft with DRTI capability were activated on July 8th and released on October 15th. National statistics are listed below:

- Total missions: 143
- Total employment hours: 524
- Total fires reported to dispatch: 265
- Total fires mapped: 268
- Total days activated: 99

International Resource Mobilizations

International assistance to the United States: Canada sent 2 crews and one overhead to provide support in the Pacific Northwest in 2021. Australia sent one 737 airtanker to provide national support.

Incident Management Team Mobilizations

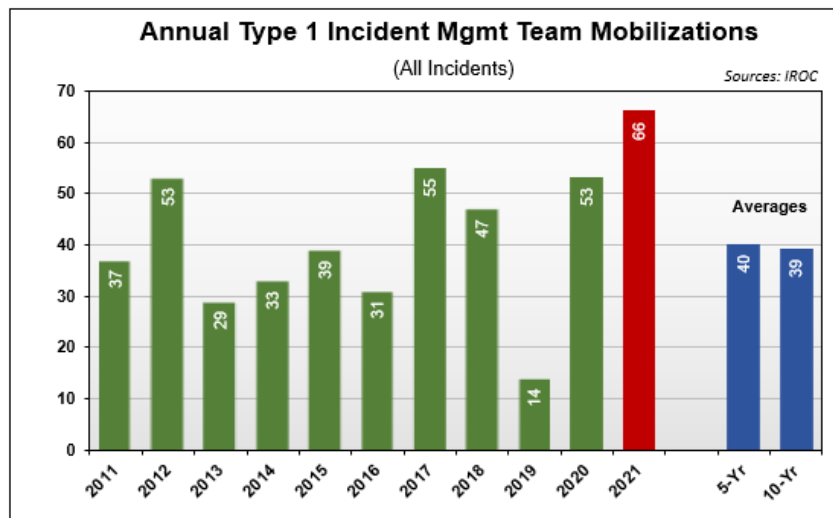
National Incident Management Organization and Area Command Teams

National Incident Management Organization (NIMO) teams were assigned to five wildfire incidents and two support assignments for a total of 148 days.

An Area Command Team was assigned to one wildfire incident for a total of 9 days.

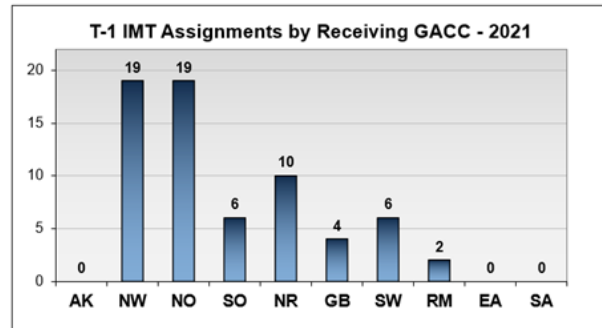
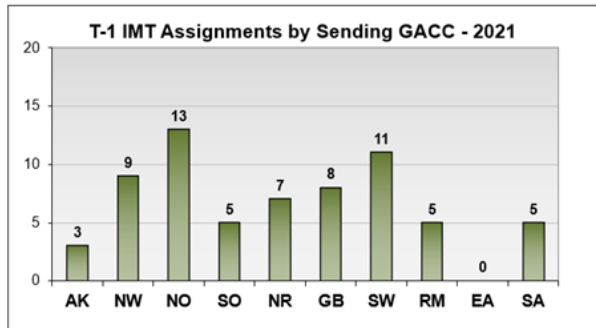
Type 1 Incident Management Teams

Sixteen national Type 1 Incident Management Teams (IMTs) were available in 2021 and were mobilized to 66 incidents. Of those assignments, 62 were to wildland fires and 4 were to non-wildland fire incidents. Type 1 IMTs were assigned for 968 days.



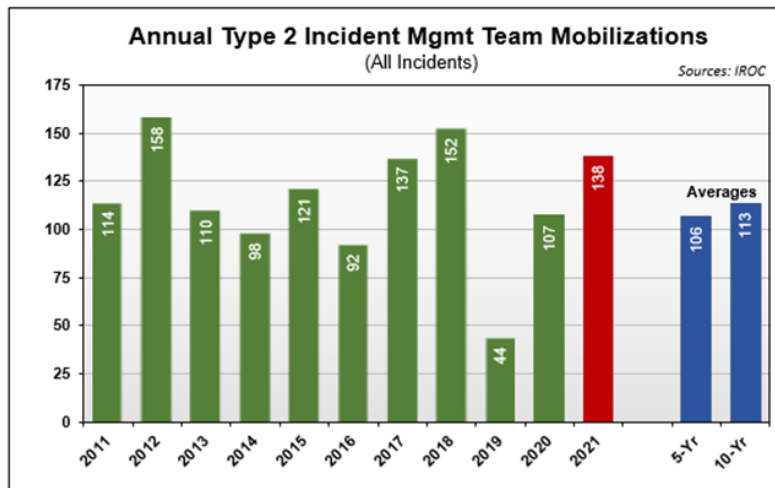
Type 1 IMT Assignments by Geographic Area

The following charts depict the mobilization of Type 1 IMTs by sending and receiving Geographic Area.

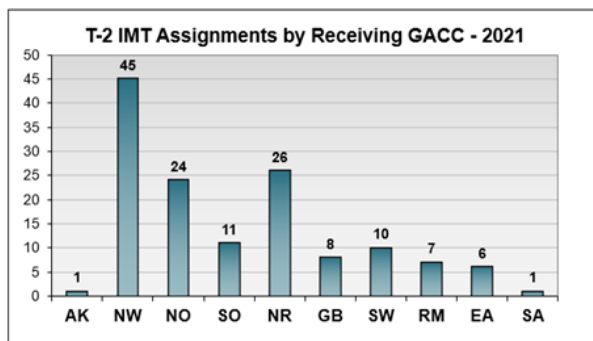
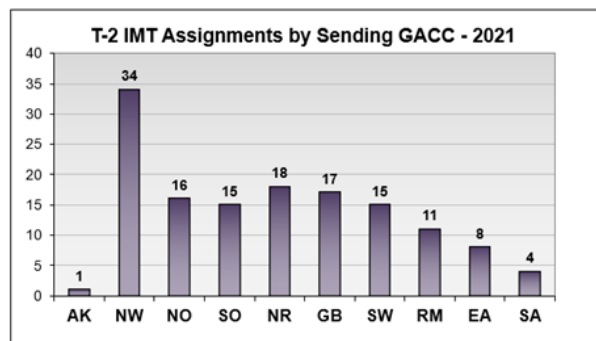


Type 2 Incident Management Teams

Thirty-three Type 2 Incident Management Teams (IMTs) were available in 2021. Type 2 IMTs were mobilized to 138 incidents and assigned for 1,852 days.



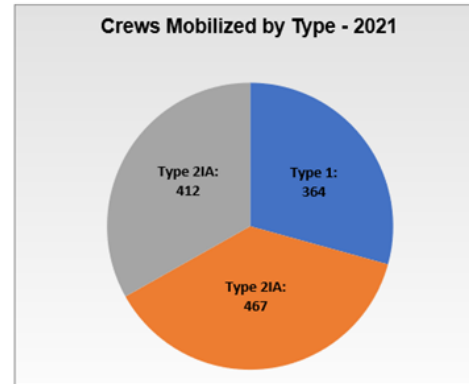
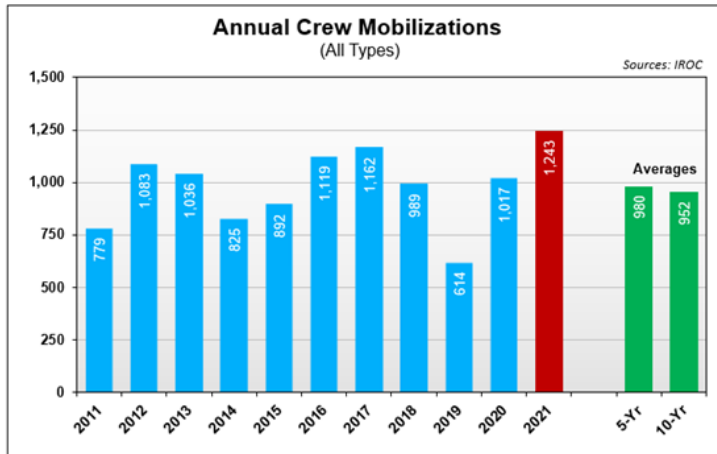
Type 2 IMT Assignments by Geographic Area



The following charts depict the mobilization of Type 2 IMTs by sending and receiving Geographic Area.

Crew Mobilizations

The NICC received 4,605 crew requests in 2021. Of those requests: 1,243 were filled, 1,504 were canceled, and 1,858 were UTF. The NICC received 1,983 orders for Type 1 crews, 1,421 orders for Type 2 crews, and 1,201 orders for Type 2 IA crews.



Crew Requests Summary by Requesting Agency and Geographic Area

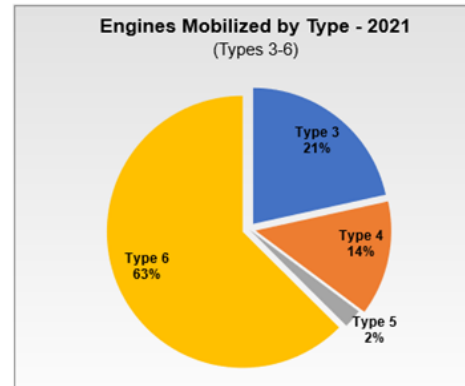
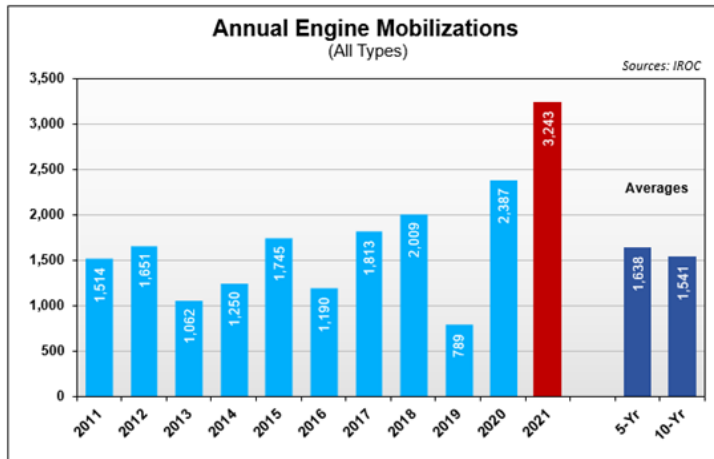
Requesting Agency	Type 1 Crew			Type 2 Crew			Type 2-IA Crew			Crew Totals			
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Total
BIA	5	26	4	8	13	1	5	12	0	18	51	5	74
BLM	55	24	36	15	11	12	22	12	12	92	47	60	199
DOD	1	2	0	3	0	0	0	0	0	4	2	0	6
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0
FS	250	523	711	368	306	365	347	160	526	965	989	1,602	3,556
FWS	0	0	0	0	0	0	0	2	0	0	2	0	2
NPS	2	1	0	1	0	0	1	2	3	4	3	3	10
ST	51	209	83	70	168	77	37	33	27	158	410	187	755
Other	0	0	0	2	0	1	0	0	0	2	0	1	3
Canada	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Subtotal:</i>	<i>364</i>	<i>785</i>	<i>834</i>	<i>467</i>	<i>498</i>	<i>456</i>	<i>412</i>	<i>221</i>	<i>568</i>	<i>1,243</i>	<i>1,504</i>	<i>1,858</i>	
Total:	1,983			1,421			1,201			4,605			

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	2	6	0	0	0	0	3	1	0	5	7	0	12
EA	9	13	3	5	0	1	15	9	3	29	22	7	58
GB	25	24	21	5	7	3	24	9	6	54	40	30	124
NICC	36	15	0	3	0	0	13	1	0	52	16	0	68
NO	111	537	444	214	397	282	120	90	191	445	1,024	917	2,386
NR	46	26	201	80	11	111	81	26	236	207	63	548	818
NW	48	74	80	75	56	26	48	51	103	171	181	209	561
RM	12	32	36	23	11	15	33	22	20	68	65	71	204
SA	0	2	0	0	0	0	2	0	1	2	2	1	5
SO	37	35	31	57	14	13	28	2	6	122	51	50	223
SW	38	21	18	5	2	5	45	10	2	88	33	25	146
Other	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
<i>Subtotal:</i>	<i>364</i>	<i>785</i>	<i>834</i>	<i>467</i>	<i>498</i>	<i>456</i>	<i>412</i>	<i>221</i>	<i>568</i>	<i>1,243</i>	<i>1,504</i>	<i>1,858</i>	
Total:	1,983			1,421			1,201			4,605			

Engine and Tactical Water Tender Mobilizations

The NICC received 6,444 engine requests in 2021. Of those requests: 3,149 were filled, 1,442 were canceled, and 1,853 were UTF.

The NICC also received 194 requests for tactical water tenders. Of those requests: 94 were filled, 41 were canceled, and 59 were UTF.



Engine and Tactical Water Tender 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	17	46	5	12	0	0	2	0	0
BLM	1	0	0	0	0	0	23	18	66	39	6	14	1	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	1	0	1	0	0	550	717	1,038	292	32	55	54	2	5
FWS	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
NPS	0	0	0	0	0	0	10	13	5	3	1	0	0	0	0
ST	0	4	0	0	0	0	77	244	443	82	13	12	13	0	0
Other	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0
<i>Subtotal:</i>	<i>1</i>	<i>5</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>678</i>	<i>1,043</i>	<i>1,557</i>	<i>429</i>	<i>53</i>	<i>81</i>	<i>70</i>	<i>2</i>	<i>5</i>
Total:	6			1			3,278			563			77		

Requesting Agency	Type 6 Engine			Type 7 Engine			Other			Tactical Water Tender			Engine/TWT Totals			Total
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	
BIA	161	64	12	1	0	1	0	0	0	1	0	0	194	110	18	322
BLM	80	25	4	0	0	0	0	0	0	4	2	1	148	51	85	284
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	1,391	191	149	0	3	5	0	0	0	70	18	40	2,358	964	1,292	4,614
FWS	8	0	0	0	0	0	0	0	0	0	0	0	9	1	0	10
NPS	37	8	2	0	0	0	0	0	0	3	1	7	53	23	14	90
ST	289	48	37	0	0	0	0	0	0	16	20	11	477	329	503	1,309
Other	3	0	0	0	0	0	0	0	0	0	0	0	4	5	0	9
<i>Subtotal:</i>	<i>1,969</i>	<i>336</i>	<i>204</i>	<i>1</i>	<i>3</i>	<i>6</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>94</i>	<i>41</i>	<i>59</i>	<i>3,243</i>	<i>1,483</i>	<i>1,912</i>	
Total:	2,509			10			0			194			6,638			

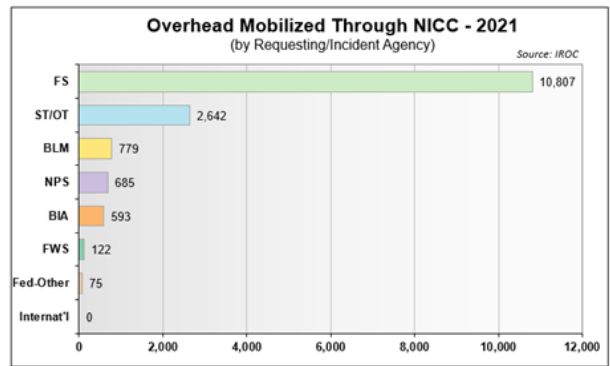
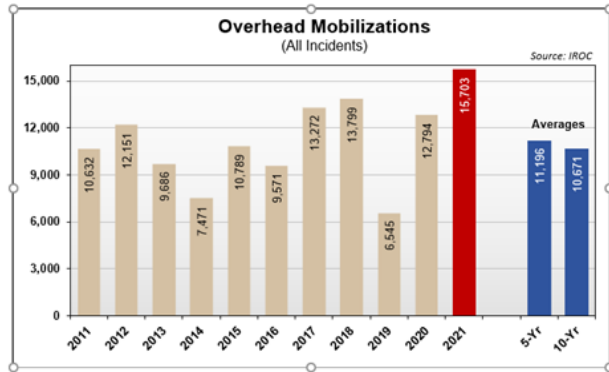
Engine and Tactical Water Tender Requests Summary by Requesting Geographic Area

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	5	6	0	2	1	0	0	0	0
GB	1	0	0	0	0	0	10	2	4	5	1	4	0	1	0
NICC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	0	0	0	0	0	0	311	692	1212	184	1	27	45	0	5
NR	0	0	0	1	0	0	86	55	19	69	11	16	9	1	0
NW	0	0	0	0	0	0	85	118	134	80	29	14	8	0	0
RM	0	1	0	0	0	0	17	7	7	27	6	18	2	0	0
SA	0	0	0	0	0	0	6	0	1	0	0	0	0	0	0
SO	0	0	0	0	0	0	109	115	162	29	0	2	3	0	0
SW	0	4	0	0	0	0	49	48	18	33	4	0	3	0	0
<i>Subtotal:</i>	<i>1</i>	<i>5</i>	<i>0</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>678</i>	<i>1,043</i>	<i>1,557</i>	<i>429</i>	<i>53</i>	<i>81</i>	<i>70</i>	<i>2</i>	<i>5</i>
Total:	6			1			3,278			563			77		

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	96	26	6	0	0	0	0	0	0	0	2	0	103	35	6	144
GB	34	5	6	0	1	5	0	0	0	2	0	1	52	10	20	82
NICC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	630	11	32	0	2	0	0	0	0	41	4	42	1,211	710	1,318	3,239
NR	494	97	81	0	0	1	0	0	0	9	8	1	668	172	118	958
NW	267	133	65	0	0	0	0	0	0	10	0	3	450	280	216	946
RM	105	31	6	0	0	0	0	0	0	6	3	1	157	48	32	237
SA	50	5	2	1	0	0	0	0	0	0	0	0	57	5	3	65
SO	103	8	2	0	0	0	0	0	0	14	18	10	258	141	176	575
SW	190	20	4	0	0	0	0	0	0	12	6	1	287	82	23	392
<i>Subtotal:</i>	<i>1,969</i>	<i>336</i>	<i>204</i>	<i>1</i>	<i>3</i>	<i>6</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>94</i>	<i>41</i>	<i>59</i>	<i>3,243</i>	<i>1,483</i>	<i>1,912</i>	
Total:	2,509			10			0			194			6,638			

Overhead Mobilizations

The NICC received 38,387 overhead requests in 2021. Of those requests: 15,703 were filled, 9,284 were canceled, and 13,400 were UTF.



Overhead Requests Summary

By Requesting Agency

Requesting Agency	Individual Overhead			Total
	Fill	Cancel	UTF	
BIA	593	701	234	1,528
BLM	779	401	503	1,683
DOD	73	19	87	179
FEMA	0	0	0	0
FS	10,807	6,445	9,701	26,953
FWS	122	18	0	140
NPS	685	108	325	1,118
ST	2,642	1,590	2,545	6,777
Other	2	2	5	9
Canada	0	0	0	0
Australia	0	0	0	0
Subtotal:	15,703	9,284	13,400	
Total:	38,387			

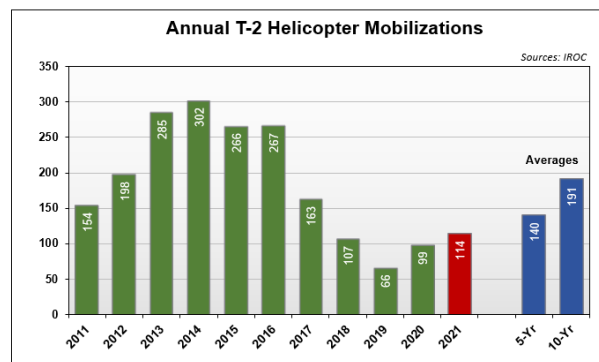
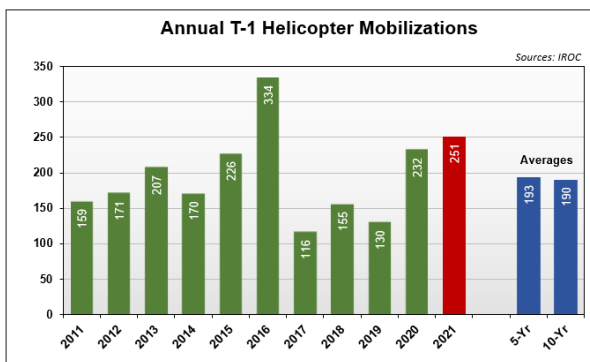
By Requesting Geographic Area

Requesting GACC	Individual Overhead			Total
	Fill	Cancel	UTF	
AK	190	96	59	345
EA	946	424	247	1,617
GB	799	374	745	1,918
NICC	274	19	25	318
NO	3,252	1,855	4,137	9,244
NR	3,099	1,687	2,669	7,455
NW	3,230	3,154	3,764	10,148
RM	647	297	487	1,431
SA	956	298	41	1,295
SO	976	564	896	2,436
SW	1,334	516	330	2,180
Other	0	0	0	0
Canada	0	0	0	0
Australia	0	0	0	0
Subtotal:	15,703	9,284	13,400	
Total:	38,387			

Helicopter Mobilizations

NICC received 1,042 orders for Type 1, 2, and 3 helicopters in 2021. Of those requests: 495 were filled, 242 were canceled, and 305 were UTF. Individual statistics are listed below:

- Type 1 Helicopter requests: NICC received 449 requests - 251 were filled, 84 were canceled, and 114 were UTF.
- Type 2 Helicopter requests: NICC received 294 requests - 114 were filled, 85 were canceled, and 95 were UTF.
- Type 3 Helicopter requests: NICC received 299 requests - 130 were filled, 73 were canceled, and 96 were UTF.



Helicopter Requests Summary by Requesting Agency

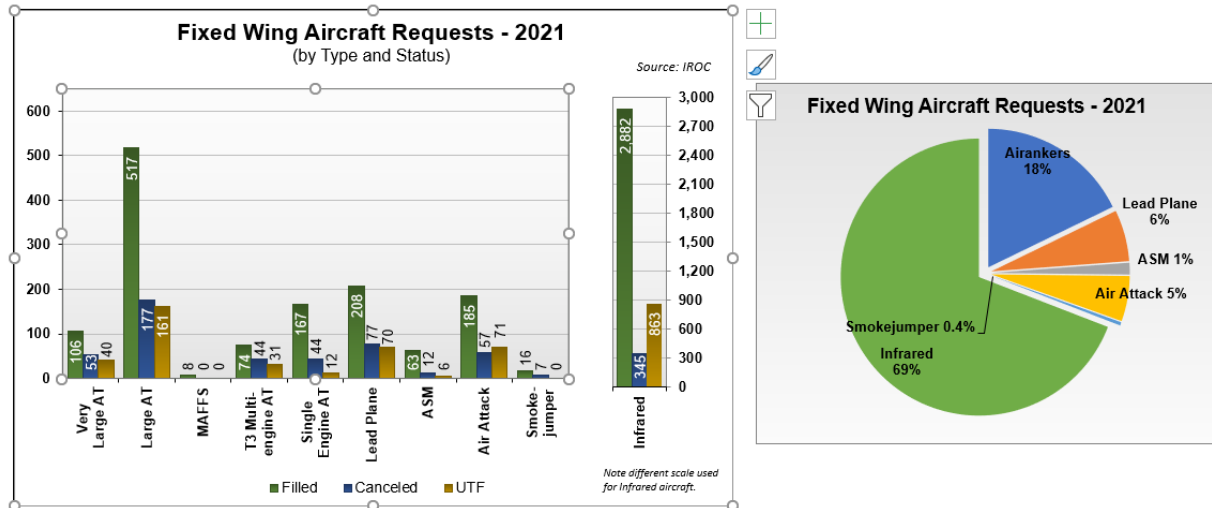
Requesting Agency	Type 1				Type 2								Type 3				Helicopter Totals				
	Fill		Cancel	UTF	Standard Use				Limited Use				Fill		Cancel	UTF	Fill		Cancel	UTF	Total
	CWN	EXCL			CWN	EXCL	Cancel	UTF	CWN	EXCL	Cancel	UTF	CWN	EXCL			CWN	EXCL			
BIA	3	5	4	12	0	1	3	10	0	n/a	0	0	0	10	5	8	3	16	12	30	61
BLM	8	4	9	3	0	7	8	5	0	n/a	0	0	4	0	9	7	12	11	26	15	64
DOD	2	0	0	0	0	0	0	0	0	n/a	0	0	1	0	0	0	3	0	0	0	3
FEMA	0	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0	0	0
FS	128	74	58	84	13	63	56	57	21	n/a	6	11	38	67	41	79	200	204	161	231	796
FWS	1	0	0	0	0	0	0	0	0	n/a	0	0	0	0	0	0	1	0	0	0	1
NPS	4	1	0	0	0	1	0	1	0	n/a	0	0	4	2	1	0	8	4	1	1	14
ST	17	4	13	15	3	3	11	4	2	n/a	1	7	1	3	17	2	23	10	42	28	103
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
<i>Subtotal:</i>	<i>163</i>	<i>88</i>	<i>84</i>	<i>114</i>	<i>16</i>	<i>75</i>	<i>78</i>	<i>77</i>	<i>23</i>	<i>0</i>	<i>7</i>	<i>18</i>	<i>48</i>	<i>82</i>	<i>73</i>	<i>96</i>	<i>250</i>	<i>245</i>	<i>242</i>	<i>305</i>	
Total:	449	251			246	91			48	23			299	130			1,042	495			

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	0	0	0	0	0	n/a	0	0	0	0	0	0	0	0	0	0	0
EA	7	2	1	3	0	1	1	0	1	n/a	1	0	2	6	0	10	10	9	3	13	35
GB	18	12	4	7	4	10	6	10	1	n/a	0	0	7	5	4	7	30	27	14	24	95
NICC	7	1	0	0	0	1	0	0	0	n/a	0	0	0	0	0	0	7	2	0	0	9
NO	29	14	18	18	2	12	23	23	3	n/a	1	0	9	15	16	13	43	41	58	54	196
NR	24	16	14	38	0	13	15	13	12	n/a	1	4	10	17	13	23	46	46	43	78	213
NW	29	13	24	41	4	10	13	24	4	n/a	4	14	8	18	16	29	45	41	57	108	251
RM	8	6	5	2	0	5	3	3	0	n/a	0	0	2	5	5	12	10	16	13	17	56
SA	10	0	0	0	1	0	0	0	0	n/a	0	0	0	4	0	0	11	4	0	0	15
SO	17	19	10	3	4	12	12	1	2	n/a	0	0	3	5	3	0	26	36	25	4	91
SW	14	5	8	2	1	11	5	3	0	n/a	0	0	7	7	16	2	22	23	29	7	81
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
<i>Subtotal:</i>	<i>163</i>	<i>88</i>	<i>84</i>	<i>114</i>	<i>16</i>	<i>75</i>	<i>78</i>	<i>77</i>	<i>23</i>	<i>0</i>	<i>7</i>	<i>18</i>	<i>48</i>	<i>82</i>	<i>73</i>	<i>96</i>	<i>250</i>	<i>245</i>	<i>242</i>	<i>305</i>	
Total:	449	251			246	91			48	23			299	130			1,042	495			

Fixed Wing Aircraft Mobilizations

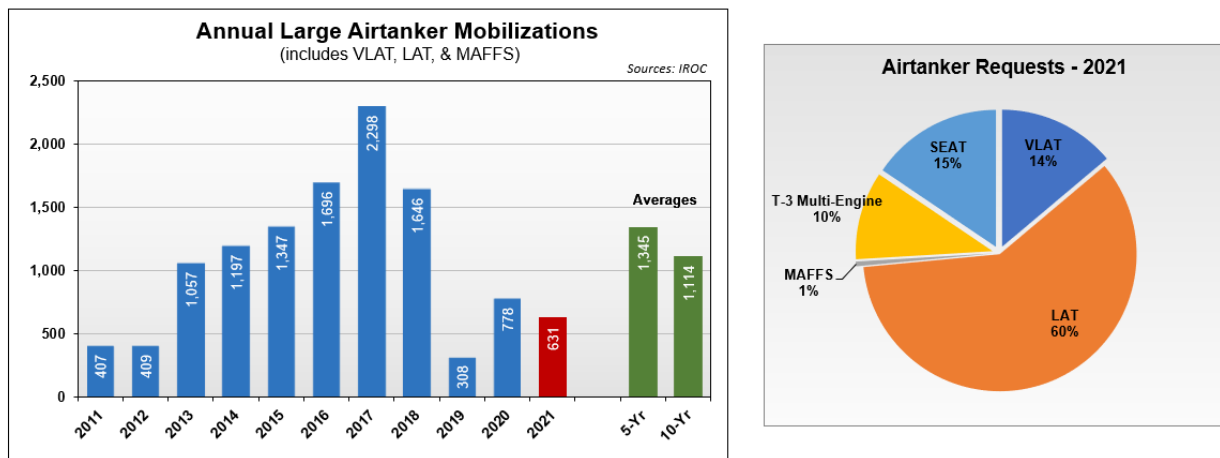
Fixed wing aircraft include heavy airtankers, multi-engine airtankers (CL-215/415), single-engine airtankers (SEATs), lead planes, aerial supervision modules (ASM), air attack, infrared, and smokejumper aircraft. NICC received 6,296 requests for fixed wing aircraft in 2021. Of those requests: 4,226 were filled, 816 were canceled, and 1,254 were UTF.



Airtanker Mobilizations

NICC received 1,054 requests for very large and heavy airtankers in 2021. Of those requests: 623 were filled, 230 were canceled, and 201 were UTF.

NICC received 372 requests for multi-engine and single engine airtankers. Of those requests: 241 were filled, 88 were canceled, and 43 were UTF.



Fixed Wing Aircraft Requests Summary by Requesting Agency

Requesting Agency	Very Large Airtanker (VLAT)			Large Airtanker (LAT)			Modular Airborne Fire Fighting System			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	3	2	2	22	8	11	0	0	0	3	0	2	13	3	0	6	3	4
BLM	13	6	4	73	29	21	0	0	0	5	6	2	28	19	0	20	9	5
DOD	2	4	0	4	2	0	0	0	0	0	0	0	4	0	0	4	2	0
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FS	49	21	25	285	98	100	8	0	0	40	26	25	85	22	12	146	41	45
FWS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
NPS	0	0	0	1	1	2	0	0	0	0	0	0	5	0	0	0	0	0
ST	39	20	9	130	38	27	0	0	0	26	12	2	32	0	0	32	21	14
Other	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1
<i>Subtotal:</i>	<i>106</i>	<i>53</i>	<i>40</i>	<i>517</i>	<i>177</i>	<i>161</i>	<i>8</i>	<i>0</i>	<i>0</i>	<i>74</i>	<i>44</i>	<i>31</i>	<i>167</i>	<i>44</i>	<i>12</i>	<i>208</i>	<i>77</i>	<i>70</i>
Total:	199			855			8			149			223			355		

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	9	3	4	120	13	54	0	0	0	176	32	77	285
BLM	13	0	2	15	4	2	87	16	25	3	2	0	257	91	61	409
DOD	0	0	0	2	0	0	0	0	0	0	0	0	16	8	0	24
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FS	48	11	2	128	43	55	2,280	231	701	13	5	0	3,082	498	965	4,545
FWS	0	0	0	0	0	0	1	4	0	0	0	0	1	4	1	6
NPS	0	0	0	2	0	0	44	6	8	0	0	0	52	7	10	69
ST	2	1	2	29	7	10	350	75	74	0	0	0	640	174	138	952
Other	0	0	0	0	0	0	0	0	1	0	0	0	2	2	2	6
<i>Subtotal:</i>	<i>63</i>	<i>12</i>	<i>6</i>	<i>185</i>	<i>57</i>	<i>71</i>	<i>2,882</i>	<i>345</i>	<i>863</i>	<i>16</i>	<i>7</i>	<i>0</i>	<i>4,226</i>	<i>816</i>	<i>1,254</i>	
Total:	81			313			4,090			23			6,296			

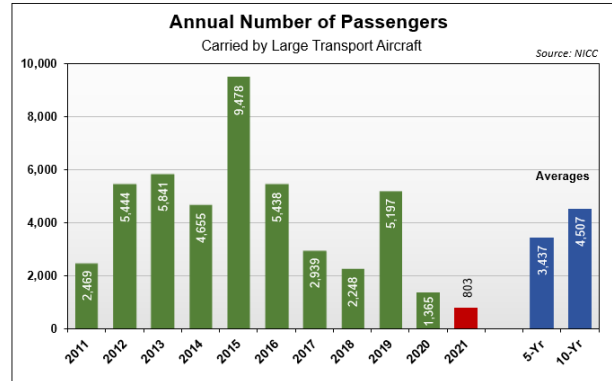
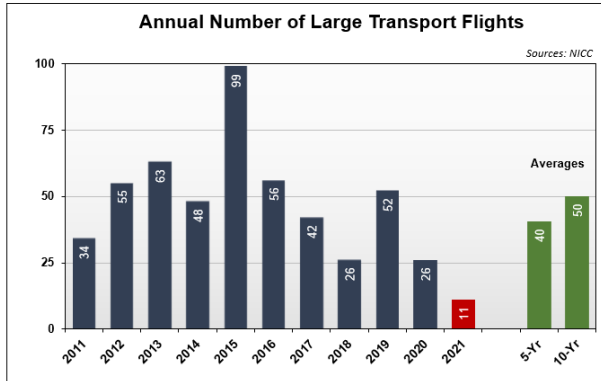
Fixed Wing Aircraft Requests Summary by Requesting Geographic Area

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	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0
EA	0	0	1	10	2	10	0	0	0	4	0	7	6	0	0	1	0	0
GB	25	10	12	105	27	34	0	0	0	8	10	2	46	5	10	32	14	12
NICC	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	19	12	5	50	18	4	8	0	0	10	6	0	27	9	0	27	6	2
NR	22	17	7	109	37	34	0	0	0	28	22	13	14	16	2	35	27	18
NW	16	9	11	90	24	39	0	0	0	8	3	3	36	4	0	48	11	23
RM	5	1	3	47	16	15	0	0	0	2	1	4	4	3	0	17	10	9
SA	0	0	0	4	0	0	0	0	0	0	0	0	14	1	0	2	1	1
SO	9	2	1	45	7	10	0	0	0	4	0	0	6	0	0	13	0	1
SW	10	2	0	56	46	15	0	0	0	10	2	0	12	6	0	33	8	4
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
<i>Subtotal:</i>	106	53	40	517	177	161	8	0	0	74	44	31	167	44	12	208	77	70
Total:	199			855			8			149			223			355		

Requesting GACC	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	
AK	3	0	0	1	0	0	2	0	4	0	0	0	8	0	6	14
EA	0	1	0	12	2	5	13	1	5	0	0	0	46	6	28	80
GB	15	1	1	19	2	2	290	23	120	2	2	0	542	94	193	829
NICC	0	0	0	0	0	0	61	3	0	0	0	0	62	3	0	65
NO	6	1	0	15	6	2	458	44	40	5	4	0	625	106	53	784
NR	6	0	3	44	20	21	881	142	407	0	0	0	1,139	281	505	1,925
NW	0	0	1	37	14	32	845	64	237	2	0	0	1,082	129	346	1,557
RM	1	0	0	15	2	1	8	9	11	4	1	0	103	43	43	189
SA	1	0	0	9	0	0	0	0	0	0	0	0	30	2	1	33
SO	16	5	0	9	0	1	139	12	9	1	0	0	242	26	22	290
SW	15	4	1	24	11	7	185	47	30	2	0	0	347	126	57	530
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
<i>Subtotal:</i>	63	12	6	185	57	71	2,882	345	863	16	7	0	4,226	816	1,254	
Total:	81			313			4,090			23			6,296			

Large Transportation Aircraft

In 2021, there was one exclusive-use contract for large transportation aircraft. The contract was filled with a B737-2T4 jet aircraft. This exclusive-use jet flew 11 times. There was also one additional large aircraft charter flight 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	2	119	0	0	2	119
DOD	0	0	0	0	0	0
FEMA	0	0	0	0	0	0
FS	8	645	1	39	9	684
FWS	0	0	0	0	0	0
NPS	0	0	0	0	0	0
ST	0	0	0	0	0	0
Other	0	0	0	0	0	0
Canada	0	0	0	0	0	0
Total:	10	764	1	39	11	803

Requesting GACC	Exclusive-Use Aircraft		Charter Aircraft		Large Trans. Totals	
	Flights	Pax	Flights	Pax	Flights	Pax
AK	2	200	0	0	2	200
EA	0	0	0	0	0	0
GB	3	157	1	39	4	196
NICC	0	0	0	0	0	0
NO	2	170	0	0	2	170
NR	3	237	0	0	3	237
NW	0	0	0	0	0	0
RM	0	0	0	0	0	0
SA	0	0	0	0	0	0
SO	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:	10	764	1	39	11	803

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

In support of other resource requests, NICC arranged 15 cargo transportation flights in 2021.

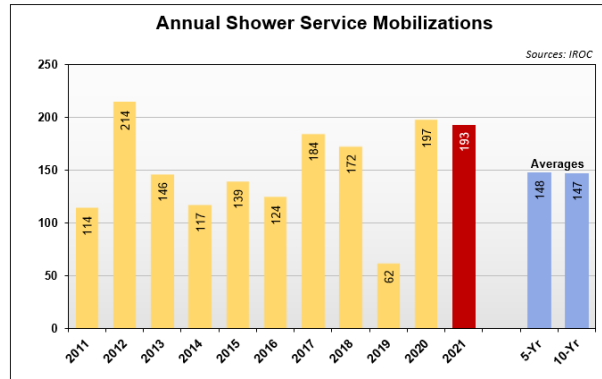
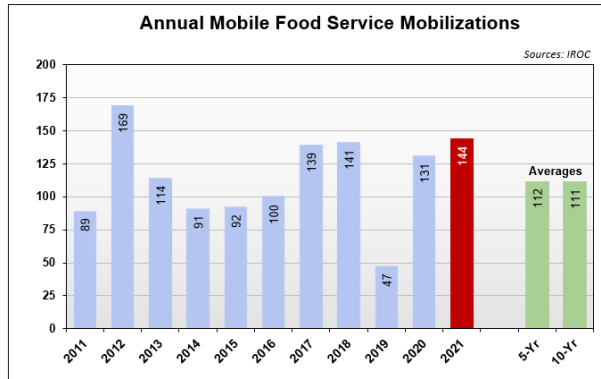
Requesting Agency	Cargo Transport		Passenger Transport		Total Flights
	Flights	Cargo (lbs)	Flights	Pax	
BIA	0	0	0	0	0
BLM	3	2,638	0	0	3
DOD	0	0	0	0	0
FEMA	0	0	0	0	0
FS	6	4,489	0	0	6
FWS	0	0	0	0	0
NPS	1	770	0	0	1
ST	5	5,971	0	0	5
Other	0	0	0	0	0
Canada	0	0	0	0	0
Total:	15	13,868	0	0	15

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	1	1,038	0	0	1
NICC	0	0	0	0	0
NO	6	5,361	0	0	6
NR	0	0	0	0	0
NW	3	2942	0	0	3
RM	3	2034	0	0	3
SA	0	0	0	0	0
SO	1	1,982	0	0	1
SW	1	511	0	0	1
Other	0	0	0	0	0
Canada	0	0	0	0	0
Total:	15	13,868	0	0	15

Equipment Services Mobilization

NICC received 177 requests for mobile food services in 2021. Of those requests: 144 were filled, 27 were canceled, and six were UTF.

NICC received 222 requests for mobile shower services in 2021. Of those requests: 193 were filled, 21 were canceled, and eight were UTF.



Equipment Services Requests Summary by Requesting Area and Geographic Area

Requesting Agency	Mobile Food			Showers			Equipment Services Totals			Total
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	
BIA	13	0	0	13	0	0	26	0	0	26
BLM	12	3	0	15	0	4	27	3	4	34
DOD	0	0	0	0	0	0	0	0	0	0
FEMA	0	0	0	0	0	0	0	0	0	0
FS	94	11	4	135	14	1	229	25	5	259
FWS	0	0	0	0	0	0	0	0	0	0
NPS	3	2	0	5	0	0	8	2	0	10
ST	22	11	2	25	7	3	47	18	5	70
Other	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0
Subtotal:	144	27	6	193	21	8	337	48	14	
Total:	177			222			399			

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	1	0	1	1	0	1	2	0	3
GB	13	1	0	13	2	0	26	3	0	29
NICC	23	5	3	31	4	0	54	9	3	66
NO	27	6	1	36	5	2	63	11	3	77
NR	41	7	1	57	3	2	98	10	3	111
NW	10	2	0	12	1	0	22	3	0	25
RM	0	0	0	0	0	0	0	0	0	0
SA	13	4	1	19	4	4	32	8	5	45
SO	17	1	0	24	1	0	41	2	0	43
SW	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0
Subtotal:	144	27	6	193	21	8	337	48	14	
Total:	177			222			399			

Radio and Weather Equipment Mobilizations

NICC received 987 requests for radio kits and weather equipment in 2021. Of those requests: 921 were filled, 60 were canceled, and six were UTF.

Radio and Weather Equipment Request Summary by Requesting Agency and Requesting Geographic Area

Requesting Agency	4390 Starter			4312 Repeater			4381 Tactical			5869 RAWs			Equipment Totals			Total
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	
BIA	11	2	0	13	6	0	7	1	0	6	0	0	37	9	0	46
BLM	16	0	0	28	4	0	1	0	0	6	0	0	51	4	0	55
DOD	0	0	0	0	0	0	24	0	0	0	0	0	24	0	0	24
FEMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FS	149	5	0	260	21	3	153	4	0	83	7	1	645	37	4	686
FWS	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
NPS	2	0	0	9	0	0	7	0	0	2	0	0	20	0	0	20
ST	25	2	1	60	3	1	44	0	0	14	4	0	143	9	2	154
Other	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1
Canada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Subtotal:</i>	<i>204</i>	<i>9</i>	<i>1</i>	<i>370</i>	<i>35</i>	<i>4</i>	<i>236</i>	<i>5</i>	<i>0</i>	<i>111</i>	<i>11</i>	<i>1</i>	<i>921</i>	<i>60</i>	<i>6</i>	
Total:	214			409			241			123			987			

Requesting GACC	4390 Starter			4312 Repeater			4381 Tactical			5869 RAWs			Equipment Totals			Total
	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	Fill	Cancel	UTF	
AK	4	0	0	5	2	0	0	0	0	0	0	0	9	2	0	11
EA	12	0	0	11	0	0	32	0	0	0	0	0	55	0	0	55
GB	8	0	0	21	6	1	6	0	0	18	1	0	53	7	1	61
NICC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO	22	1	0	79	7	1	51	2	0	21	4	1	173	14	2	189
NR	41	5	0	61	2	0	41	1	0	24	2	0	167	10	0	177
NW	32	1	1	78	5	0	77	1	0	30	0	0	217	7	1	225
RM	21	0	0	20	7	1	3	0	0	7	1	0	51	8	1	60
SA	3	0	0	3	0	0	2	0	0	0	0	0	8	0	0	8
SO	21	0	0	24	2	1	12	0	0	8	3	0	65	5	1	71
SW	40	2	0	68	4	0	12	1	0	3	0	0	123	7	0	130
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
<i>Subtotal:</i>	<i>204</i>	<i>9</i>	<i>1</i>	<i>370</i>	<i>35</i>	<i>4</i>	<i>236</i>	<i>5</i>	<i>0</i>	<i>111</i>	<i>11</i>	<i>1</i>	<i>921</i>	<i>60</i>	<i>6</i>	
Total:	214			409			241			123			987			

National Report of Wildland Fires and Acres Burned by State

(Figures are from the SIT/209 Application)

Alabama

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
FS	26	2,201	0	0	26	2,201
FWS	2	1	0	0	2	1
NPS	3	2	0	0	3	2
OTHR	0	0	0	0	0	0
ST	1,009	19,851	0	0	1,009	19,851
Totals:	1,040	22,055	0	0	1,040	22,055

Alaska

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
FS	18	6	1	0	19	5
BLM	39	656	77	156,963	116	157,619
DVF	205	9,232	44	86,500	249	95,732
Totals:	262	9,894	122	243,463	384	253,357

Arizona

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
BIA	498	13,903	102	10,966	600	24,868
BLM	137	81,564	50	14,758	187	96,322
DVF	168	8,067	29	10,252	197	18,319
FS	443	233,357	307	148,730	750	382,087
FWS	11	266	4	2,446	15	2,712
NPS	10	119	14	1	24	120
Totals:	1,267	337,276	506	187,153	1,773	524,428

Arkansas

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
FS	82	6,653	8	3,416	90	10,069
FWS	0	0	1	0	1	0
NPS	1	1	1	0	2	1
OTHR	285	6,933	0	0	285	6,933
Totals:	368	13,587	10	3,416	378	17,003

California

Agency	Fires - Human	Acres - Human	Fires - Lightning	Acres - Lightning	Fires - Total	Acres - Total
BIA	81	180	2	20,883	83	21,063
BLM	151	6,921	32	1,252	183	8,172
C&L	15	513	0	8,838	15	9,351

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
CDF	7,524	202,065	71	71,219	7,595	273,284
FS	868	854,124	399	956,186	1,267	1,810,310
FWS	19	552	1	0	20	552
NPS	38	21	77	109,399	115	109,420
OTHR	2	1,513	0	0	2	1,513
USN	0	0	0	0	0	0
Totals:	8,698	1,065,889	582	1,167,777	9,280	2,233,666

Colorado

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
BIA	13	17	98	1,078	111	1,095
BLM	39	129	316	17,831	355	17,960
C&L	151	20,590	119	4,201	270	24,791
FS	125	419	130	3,921	255	4,340
FWS	4	0	1	0	5	0
NPS	5	1	14	3	19	4
USA	2	5	0	0	2	5
USAF	0	0	0	0	0	0
Totals:	339	21,161	678	27,034	1,017	48,195

Connecticut

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
FWS	0	0	0	0	0	0
ST	59	127	1	0	60	127
Totals:	59	127	1	0	60	127

Delaware

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

Florida

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
BIA	6	19	0	0	6	19
DOD	63	9,728	0	0	63	9,728
FS	68	1,336	7	3,378	75	4,714
FWS	4	4	6	1,462	10	1,466
NPS	31	6,320	12	2,935	43	9,255
OTHR	75	1,777	1	46	76	1,823
ST	1,715	66,470	242	9,992	1,957	76,462
USAF	32	2,008	0	0	32	2,008

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
Totals:	1,994	87,662	268	17,813	2,262	105,475

Georgia

Agency	Fires – Human	Acres – Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres – Total
DOD	2	2	0	0	2	2
FS	11	166	1	1	12	167
FWS	0	0	0	0	0	0
NPS	0	0	0	0	0	0
OTHR	0	0	0	0	0	0
ST	2,125	10,939	0	0	2,125	10,939
Totals:	2,138	11,107	1	1	2,139	11,108

Hawaii

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
C&L	1	40,000	0	0	1	40,000
FWS	0	0	0	0	0	0
NPS	0	0	0	0	0	0
Totals:	1	40,000	0	0	1	40,000

Idaho

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	32	930	4	108	36	1,038
BLM	114	7,928	48	7,916	162	15,844
BOR	3	86	1	0	4	86
C&L	39	5,176	18	1,461	57	6,637
DOD	1	6	0	0	1	6
FS	143	4,069	380	279,610	523	283,679
FWS	0	0	0	0	0	0
NPS	0	0	0	0	0	0
ST	391	14,042	158	118,268	549	132,310
Totals:	723	32,237	609	407,363	1,332	439,600

Illinois

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	16	98	0	0	16	98
FWS	4	5	0	0	4	5
ST	9	116	0	0	9	116
Totals:	29	219	0	0	29	219

Indiana

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
DOD	0	0	0	0	0	0
FS	10	24	0	0	10	24
FWS	1	277	0	0	1	277
NPS	21	521	0	0	21	521
ST	2	14	0	0	2	14
Totals:	34	836	0	0	34	836

Iowa

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	4	290	0	0	4	290
FWS	0	0	0	0	0	0
ST	183	7,660	0	0	183	7,660
Totals:	187	7,950	0	0	187	7,950

Kansas

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	17	1,261	0	0	17	1,261
C&L	33	157,869	1	3,377	34	161,246
FWS	2	49	0	1,195	2	1,244
NPS	2	231	0	0	2	231
USA	0	0	0	0	0	0
Totals:	54	159,410	1	4,572	55	163,982

Kentucky

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	19	1,227	0	0	19	1,227
NPS	0	0	0	0	0	0
OTHR	0	0	0	0	0	0
ST	704	21,632	0	0	704	21,632
Totals:	723	22,859	0	0	723	22,859

Louisiana

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	97	5,986	0	0	97	5,986
FWS	1	50	0	0	1	50
ST	409	4,267	0	0	409	4,267
Totals:	507	10,303	0	0	507	10,303

Maine

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	0	0	0	0	0	0
FWS	0	0	0	0	0	0
NPS	0	0	0	0	0	0
ST	614	364	22	13	636	377
Totals:	614	364	22	13	636	377

Maryland

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
DOD	15	3	1	0	16	3
FWS	0	0	0	0	0	0
ST	90	1,159	6	0	96	1,159
Totals:	105	1,162	7	0	112	1,162

Massachusetts

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
DOD	0	0	0	0	0	0
NPS	0	0	0	0	0	0
ST	588	1,439	0	0	588	1,439
Totals:	588	1,439	0	0	588	1,439

Michigan

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	14	2	0	0	14	2
FS	141	6,392	4	0	145	6,392
FWS	0	0	0	0	0	0
NPS	1	4	2	521	3	525
ST	266	2,346	7	24	273	2,370
Totals:	422	8,744	13	545	435	9,289

Minnesota

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	551	12,438	0	0	551	12,438
FS	89	217	38	29,604	127	29,821
FWS	44	14,141	0	0	44	14,141
NPS	6	29	0	0	6	29
ST	1,336	12,887	1	89	1,337	12,976
Totals:	2,026	39,712	39	29,693	2,065	69,405

Mississippi

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	83	5,764	4	98	87	5,862
FWS	1	1	0	0	1	1
NPS	6	11	0	0	6	11
OTHR	828	15,163	0	0	828	15,163
Totals:	918	20,939	4	98	922	21,037

Missouri

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	136	10,558	0	0	136	10,558
NPS	4	139	0	0	4	139
ST	1,391	29,565	0	0	1,391	29,565
Totals:	1,531	40,262	0	0	1,531	40,262

Montana

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	590	43,824	83	63,548	673	107,372
BLM	19	934	80	36,129	99	37,063
C&L	733	99,411	221	240,850	954	340,261
FS	328	33,272	236	224,129	564	257,401
FWS	1	1	7	849	8	850
NPS	2	0	3	0	5	0
ST	191	3,053	79	1,678	270	4,731
Totals:	1,864	180,495	709	567,183	2,573	747,678

Nebraska

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	20	582	0	0	20	582
DOF	619	20,999	119	2,635	738	23,634
FS	6	2,580	18	476	24	3,056
FWS	2	22	1	0	3	22
NPS	0	0	0	0	0	0
Totals:	647	24,183	138	3,111	785	27,294

Nevada

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FWS	53	5	3	6	56	11
BLM	142	7,898	151	24,246	293	32,144
C&L	108	2,271	11	2,553	119	4,824
DOD	1	19,800	7	27,601	8	47,401
FS	18	6	52	36,911	70	36,917

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
NPS	8	1	3	2,122	11	2,123
ST	7	6	1	0	8	6
Totals:	337	29,988	228	93,439	565	123,427

New Hampshire

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
DOD	0	0	0	0	0	0
FS	1	0	0	0	1	0
ST	279	96	0	0	279	96
Totals:	280	96	0	0	280	96

New Jersey

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
DOD	6	4,703	0	0	6	4,703
FWS	4	2	0	0	4	2
ST	896	1,947	0	0	896	1,947
Totals:	906	6,652	0	0	906	6,652

New Mexico

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
OTHR	0	0	0	0	0	0
BIA	81	518	31	1,302	112	1,820
BLM	30	222	56	54	86	276
DOE	1	1	0	0	1	1
FS	125	6,763	153	107,279	278	114,042
FWS	1	0	1	0	2	0
NPS	1	0	5	1	6	0
SF	166	4,942	21	2,710	187	7,651
Totals:	405	12,446	267	111,347	672	123,792

New York

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FWS	0	0	0	0	0	0
ST	131	544	6	6	137	550
Totals:	131	544	6	6	137	550

North Carolina

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
OTHR	0	0	0	0	0	0
BIA	27	27	0	0	27	27
FS	32	1,560	1	1	33	1,561

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FWS	4	1,499	1	1	5	1,500
NPS	2	119	0	0	2	118
ST	4,989	13,563	34	253	5,023	13,815
USM	61	8,816	0	0	61	8,816
Totals:	5,115	25,583	36	255	5,151	25,838

North Dakota

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	843	18,201	14	976	857	19,177
BLM	0	0	0	0	0	0
FS	18	16,855	8	467	26	17,322
FWS	23	2,749	0	0	23	2,749
NPS	20	3,220	4	4	24	3,224
ST	16	6,875	0	0	16	6,875
Totals:	920	47,900	26	1,447	946	49,347

Ohio

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	38	88	0	0	38	88
ST	486	1,327	0	0	486	1,327
Totals:	524	1,415	0	0	524	1,415

Oklahoma

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	591	34,392	1	0	592	34,392
FWS	16	415	0	0	16	415
OTHR	260	4,907	0	0	260	4,907
ST	859	73,522	0	0	859	73,521
Totals:	1,726	113,236	1	0	1,727	113,235

Oregon

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	79	12,755	3	1	82	12,756
BLM	149	2,114	178	11,967	327	14,081
C&L	26	1,653	3	1	29	1,654
DL	1	0	0	0	1	0
DOF	797	33,687	183	11,175	980	44,862
FS	376	127,097	391	628,214	767	755,310
FWS	4	93	1	0	5	93
NPS	3	1	8	20	11	21
Totals:	1,435	177,400	767	651,378	2,202	828,777

Pennsylvania

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	16	35	0	0	16	35
FWS	1	0	0	0	1	0
ST	1,330	2,857	3	0	1,333	2,857
Totals:	1,347	2,892	3	0	1,350	2,892

Rhode Island

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
ST	99	178	0	0	99	178
Totals:	99	178	0	0	99	178

South Carolina

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	38	805	1	20	39	825
FWS	1	1,275	0	0	1	1,275
NPS	1	1	0	0	1	1
OTHR	577	3,331	2	202	579	3,532
ST	3	25	0	0	3	24
USA	7	1,679	0	0	7	1,679
Totals:	627	7,115	3	222	630	7,337

South Dakota

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	557	8,404	44	666	601	9,070
BLM	3	59	3	15	6	74
C&L	2	1,966	7	54	9	2,020
FS	33	182	63	78	96	260
FWS	1	4	0	0	1	4
NPS	3	137	4	811	7	948
ST	114	30,464	34	780	148	31,244
Totals:	713	41,216	155	2,404	868	43,620

Tennessee

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	18	2,061	0	0	18	2,061
NPS	4	1	0	0	4	1
OTHR	516	2,832	5	1	521	2,833
ST	7	42	0	0	7	42
Totals:	545	4,936	5	1	550	4,937

Texas

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
C&L	4,840	34,359	62	608	4,902	34,967
FS	23	1,104	1	0	24	1,104
FWS	33	6,385	5	4,210	38	10,595
NPS	6	3,306	2	0	8	3,306
OTHR	0	0	0	0	0	0
ST	587	99,350	17	18,936	604	118,286
Totals:	5,489	144,504	87	23,754	5,576	168,258

Utah

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	17	1,790	25	878	42	2,668
BLM	88	2,981	186	18,043	274	21,024
DOD	6	2,601	0	0	6	2,601
FS	75	10,196	155	6,143	230	16,339
FWS	1	0	1	0	2	0
NPS	4	5	10	1	14	6
ST	367	5,744	150	12,481	517	18,225
Totals:	558	23,317	527	37,546	1,085	60,863

Vermont

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	1	1	0	0	1	1
ST	86	152	3	4	89	156
Totals:	87	153	3	4	90	157

Virginia

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BLM	0	0	0	0	0	0
FS	26	167	4	27	30	194
NPS	4	1	0	0	4	1
ST	515	6,345	18	156	533	6,501
Totals:	545	6,513	22	183	567	6,696

Washington

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	121	1,934	39	144,445	160	146,379
BLM	66	1,702	1	2,321	67	4,023
C&L	83	825	0	0	83	825
DNR	1,200	111,745	95	34,559	1,295	146,304
FS	118	41,580	92	293,172	210	334,752

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FWS	34	13,299	1	0	35	13,299
NPS	6	988	2	164	8	1,152
ST	3	16,243	2	11,245	5	27,488
Totals:	1,631	188,316	232	485,906	1,863	674,222

West Virginia

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
FS	7	149	0	0	7	149
NPS	2	23	0	0	2	23
ST	739	7,332	4	0	743	7,332
Totals:	748	7,504	4	0	752	7,504

Wisconsin

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	0	0	0	0	0	0
FS	14	15	1	1	15	16
FWS	0	0	0	0	0	0
NPS	0	0	0	0	0	0
ST	994	2,118	31	25	1,025	2,143
Totals:	1,008	2,133	32	26	1,040	2,159

Wyoming

Agency	Fires - Human	Acres - Human	Fires – Lightning	Acres – Lightning	Fires – Total	Acres - Total
BIA	56	93	2	23	58	116
BLM	43	1,892	43	5,659	86	7,551
BOR	0	0	0	0	0	0
C&L	166	7,022	98	8,275	264	15,297
FS	34	8,778	69	18,811	103	27,589
FWS	1	0	0	0	1	0
NPS	3	0	3	0	6	0
SF	7	979	15	1,964	22	2,943
Totals:	310	18,764	230	34,732	540	53,496

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	2021 Stats
Wildfires	2006	96,385	68,988
Wildfire Acres Burned	2015	10,125,149	7,577,183
Significant Fires	2006	1,801	1,289
Days at Preparedness Level 1&2	2010	365	288
Days at Preparedness Level 4&5	2021	99	99
Days at Preparedness Level 5	2021	68	68
Type 1 IMT Mobilizations (fire & non-fire)	2002	85	41
Type 2 IMT Mobilizations (fire & non-fire)	2021	138	138
Dept. of Defense Battalions/Task Forces	1988	8	0
MAFFS (millions of gallons delivered)	1994	5.03	0.16
Tactical Crew Mobilizations	2003	1,796	1,292
Engine Mobilizations	2021	3,149	3,149
Overhead Mobilizations	2000	17,898	12,937
Type 1 Helicopter Mobilizations	2016	334	211
Type 2 Helicopter Mobilizations	2006	323	120
Heavy Airtankers (VLAT/LAT/MAFFS)	2017	2,298	468
Large Transport Flights	1994	552	23
Mobile Food Units	1994	195	81
Shower Units	1994	256	102

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.

