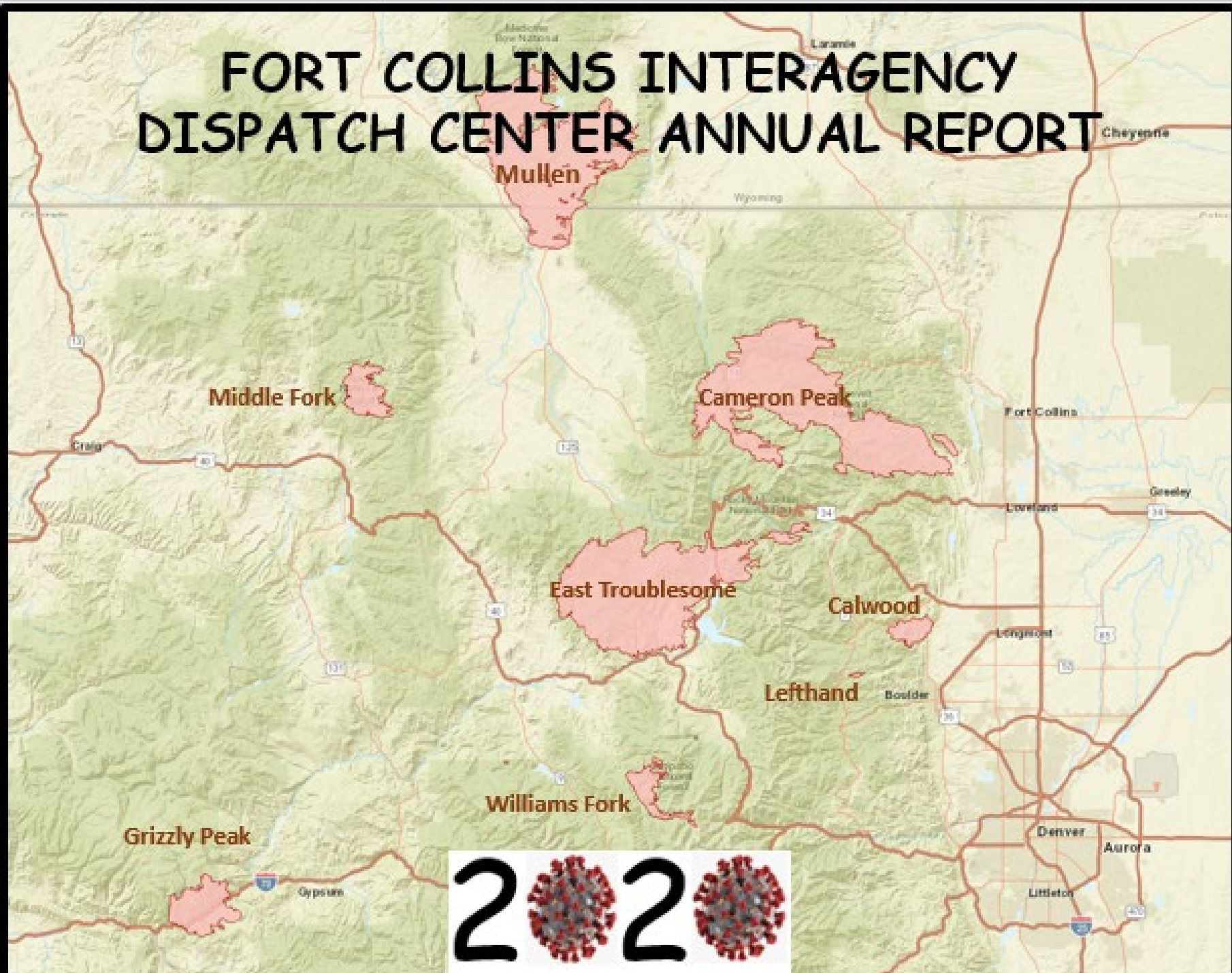




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2020

2020 NARRATIVE

2020 brought many challenges to the entire country and most of the world, the Fort Collins Zone was not immune to these struggles. From a global pandemic and a record setting fire year in terms of acreage burned and fire activity never seen before in Colorado history to the implementation of a completely new Resource Ordering System (IROC) in March. Forest fire leadership changes started the new year and Winter RX fire activity was interrupted in mid-March, by the onset of the corona virus pandemic which caused the closure of most federal facilities in the country and mandatory stay at home orders across the state.

The Forest Supervisors office where FTC is located remains closed to begin 2021, with Dispatch being the sole regular occupant. This is because the FS radio network cannot be operated remotely, only hard wired into a Forest Service facility and radio monitoring for aviation assets and field resources remains critical. Most of the Forest and District office staff continue to telework with only essential field operations continuing.

As a result of the stay-at-home orders issued statewide fire restrictions on Forest lands went into effect in April with most counties following suit by July when indices indicated challenging conditions. August saw record setting fire danger indices for several wx stations across the zone and an increase in fire activity on the western slope occupying many of the regions prepositioned resources and on Aug. 13th a Human Caused fire started near Cameron Peak in the Rawah Wilderness in the North western portion of the forest. Very active fire behavior was observed immediately upon discovery and the next day a new start, also believed to be human caused was discovered in the southern portion Grand County in the Williams Fork valley.

The Cameron Peak Fire hosted 9 Interagency Incident Management Teams and burned 208,913 acres, destroying 461 structures. The Williams fork fire hosted 5 Interagency Incident Management Teams and burned over 14,000 acres. The Calwood / Lefthand fires were managed together by a Type 2 IMT and burned a total of 10,566 acres.

In early October, a new start was discovered west of the FTC zone on the Routt NF, a T3 incident management organization assembled and were engaged when on the 21st of Oct. a wind event caused the East Troublesome fire to cross containment lines and run more than 60,000 acres overnight, burning into Rocky Mountain NP and crossing the continental divide, evacuating Estes Park.

The FTC zone elevated to PL4 then 5 in August and did not drop back to PL3 until December. The Cameron Peak fire was turned back to the local unit on Dec. 12th and controlled on Jan. 12th.

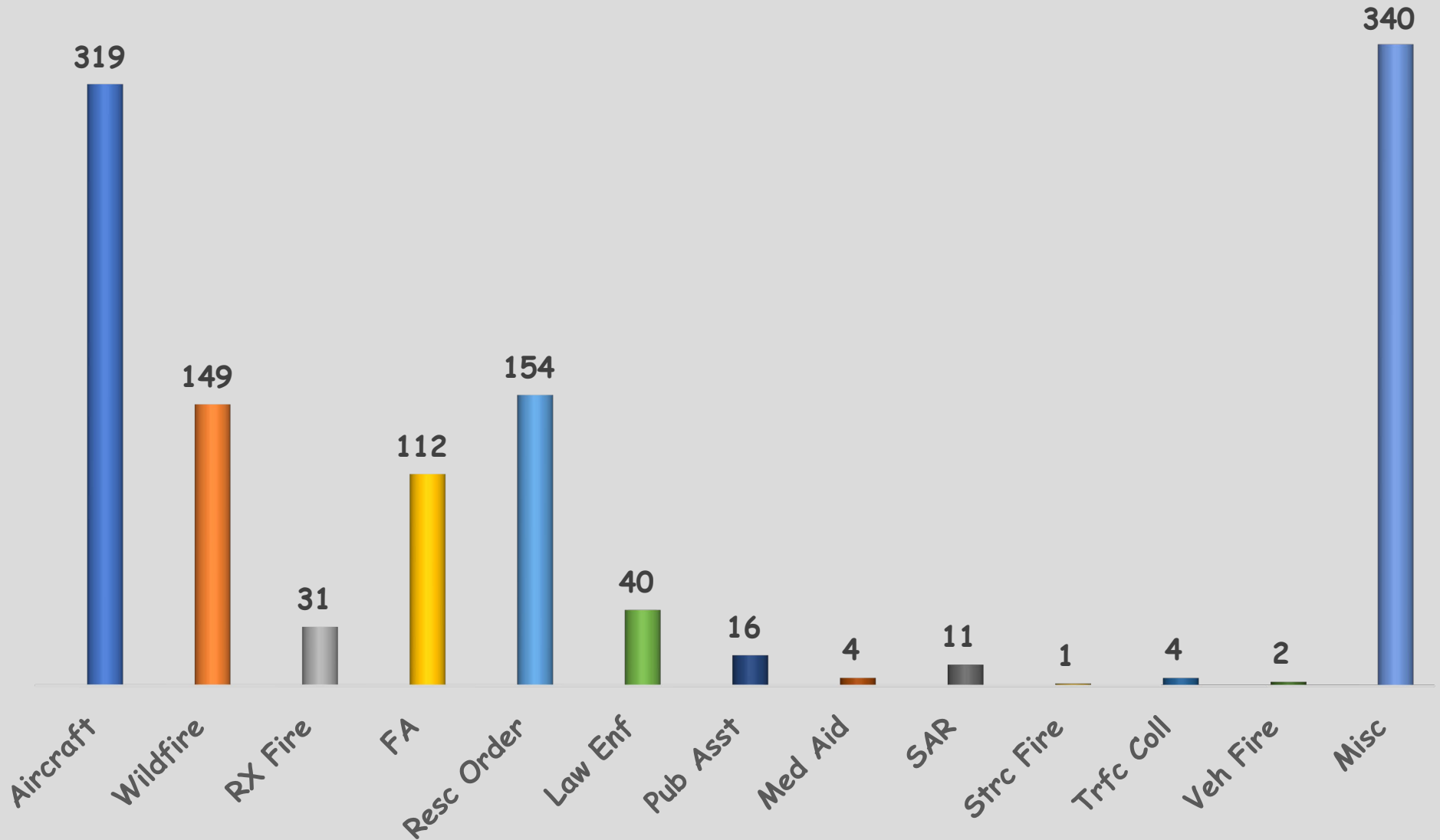
Implementation of IROC, which replaced ROSS, proved to be a struggle with timing and functionality of many critical components. The National IROC team continues working and hoping as we all are for a much smoother and quieter 2021.



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2020 ALL INCIDENTS BY TYPE 1,183 Total

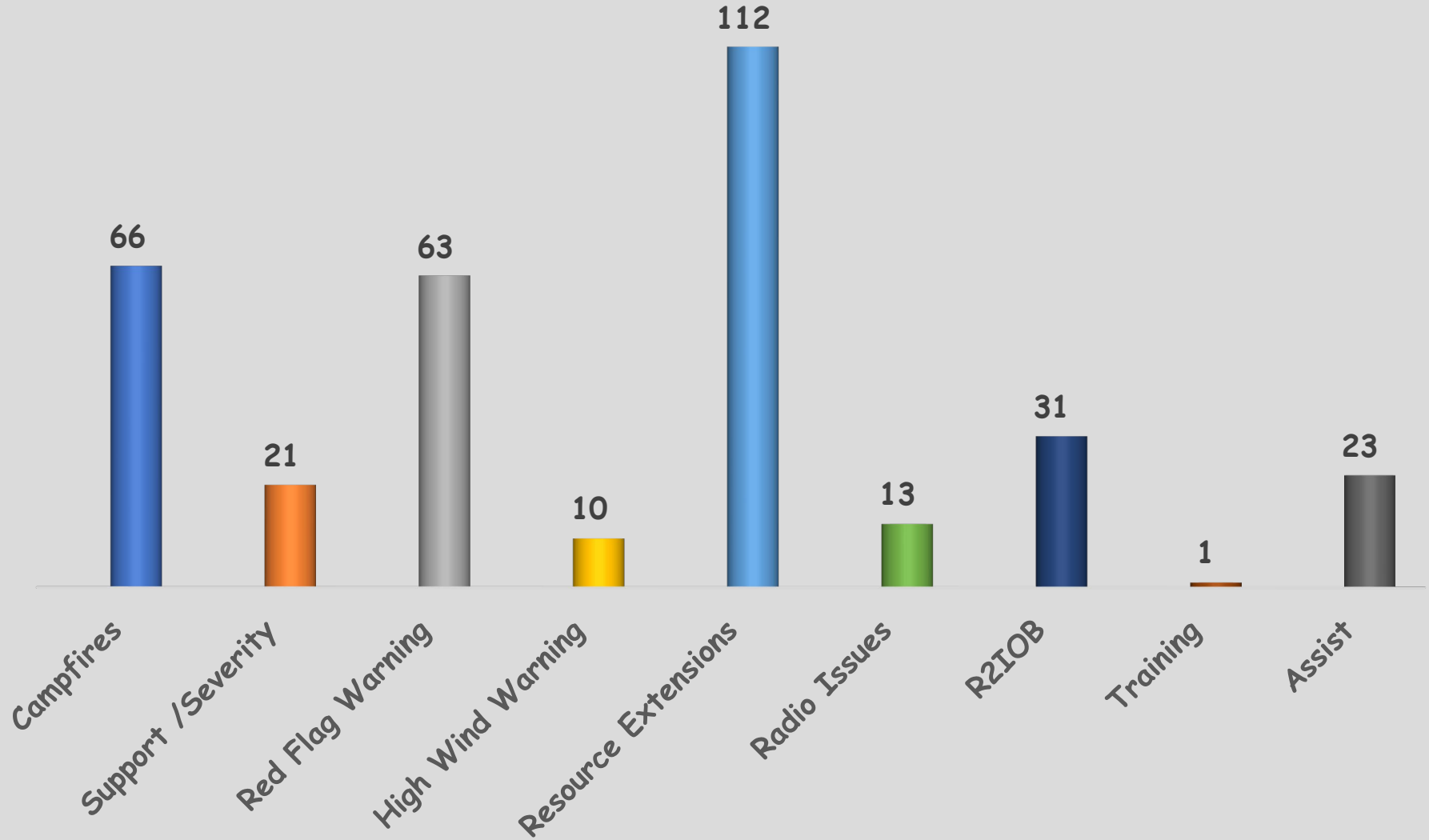




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MISCELLANEOUS INCIDENT BREAKDOWN 340 Total

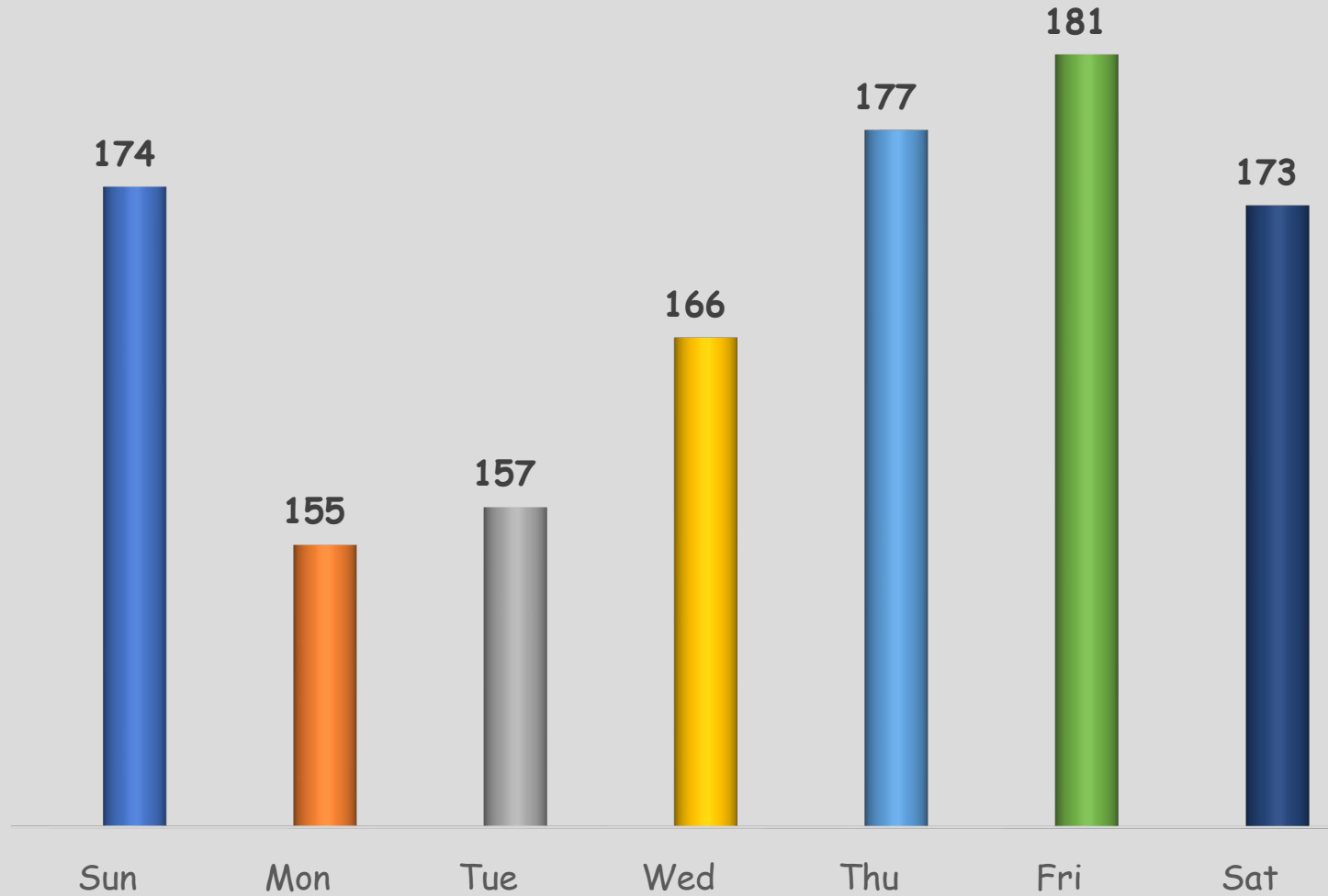




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OF INCIDENTS BY DAY OF WEEK 1,183 Total

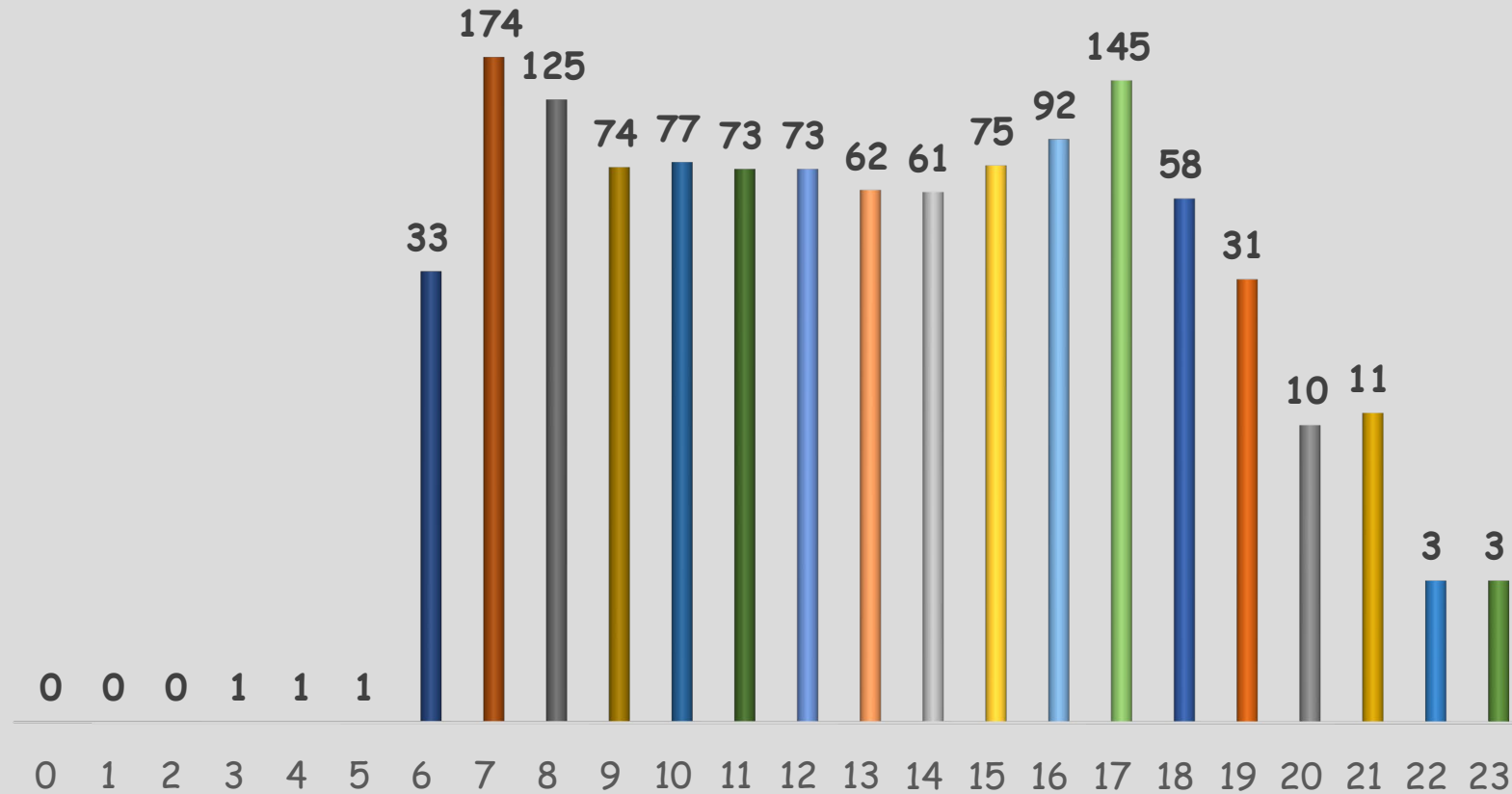




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TOTAL # OF INCIDENTS BY TIME OF DAY



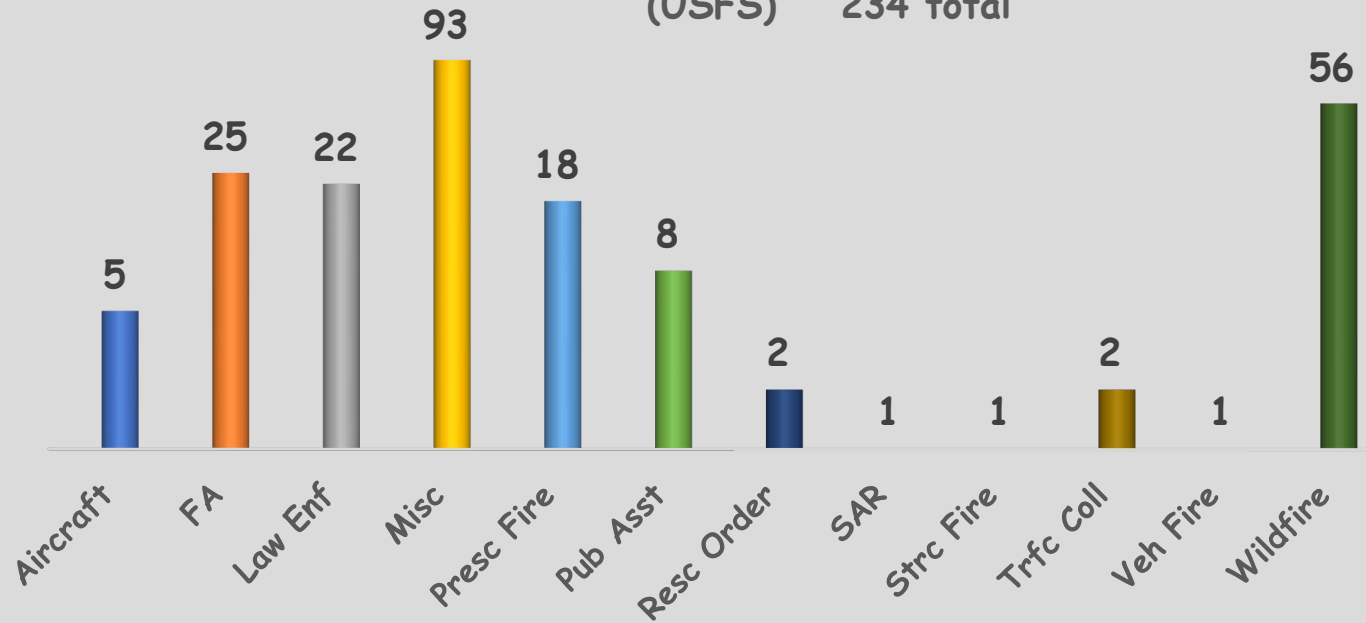


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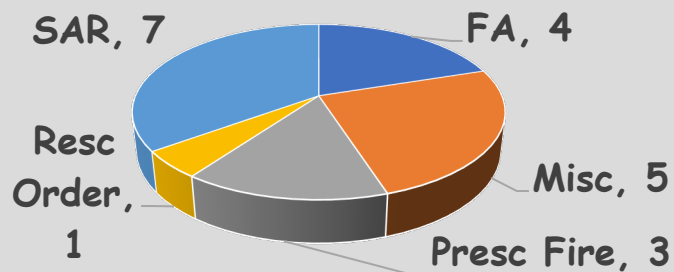


TOTAL # OF INCIDENTS BY FEDERAL AGENCY

Arapaho-Roosevelt National Forest & Pawnee National Grassland
(USFS) 234 total



Rocky Mountain National
Park (NPS) 20



Rocky Mountain Arsenal
(USFWS) 4

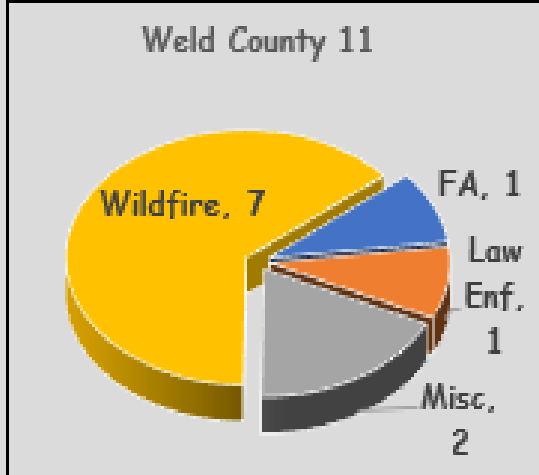
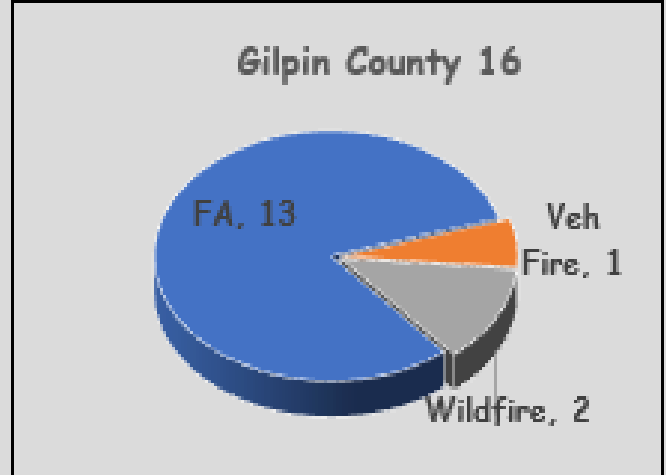
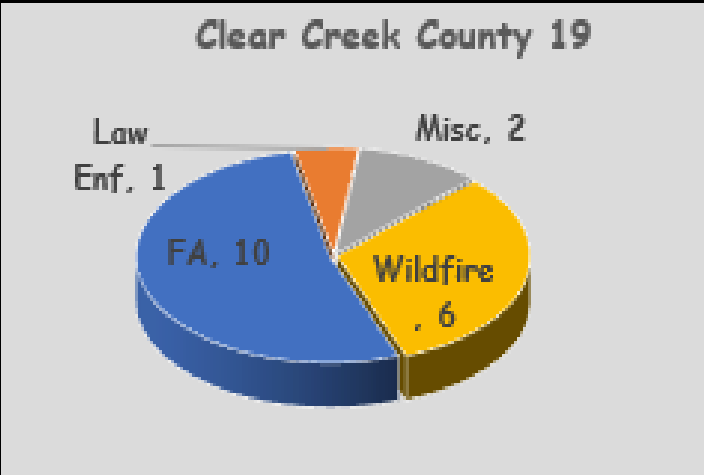
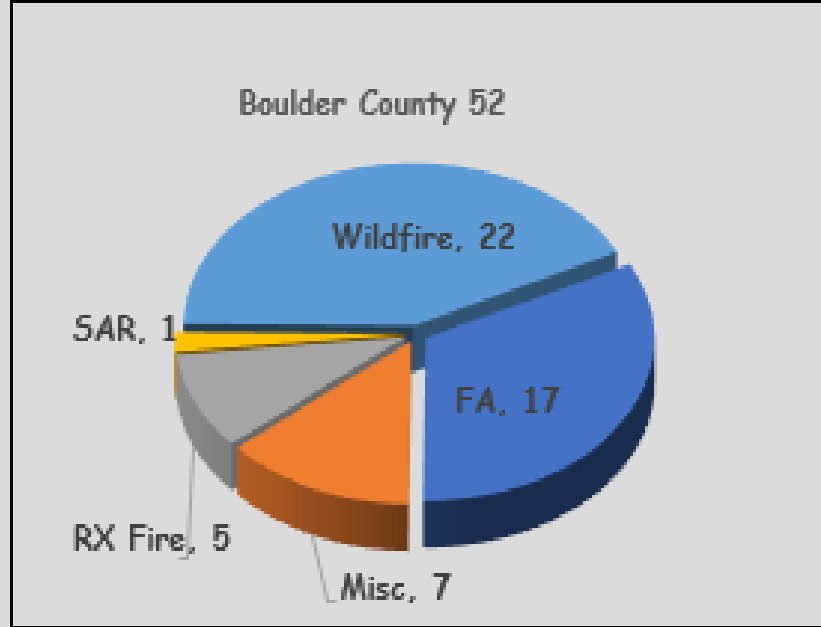
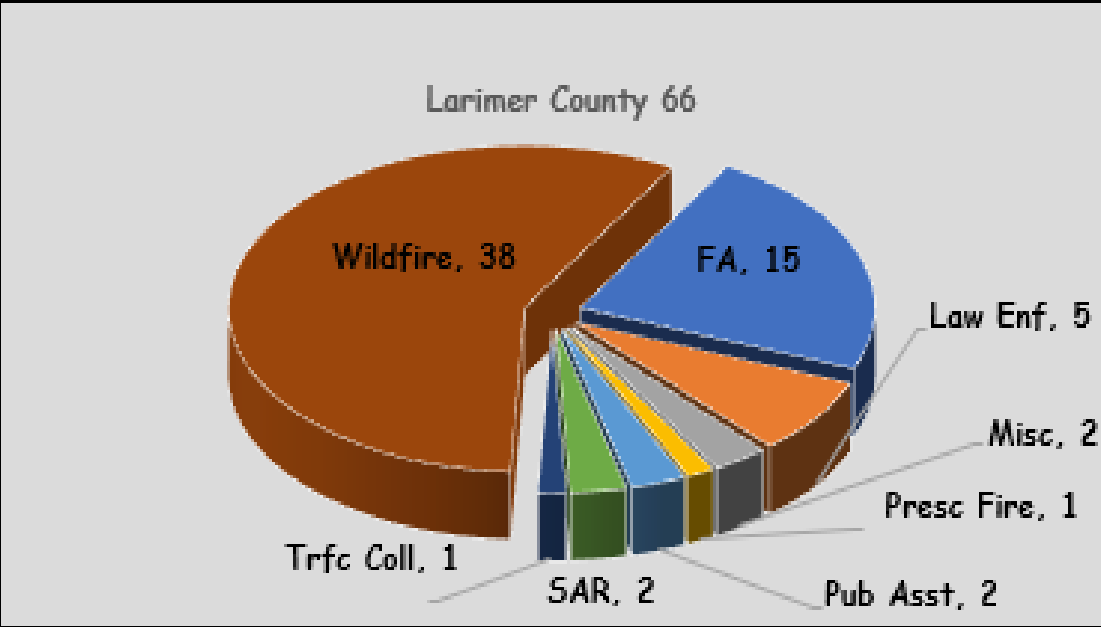


Wildfire



TOTAL # OF INCIDENTS BY COUNTY

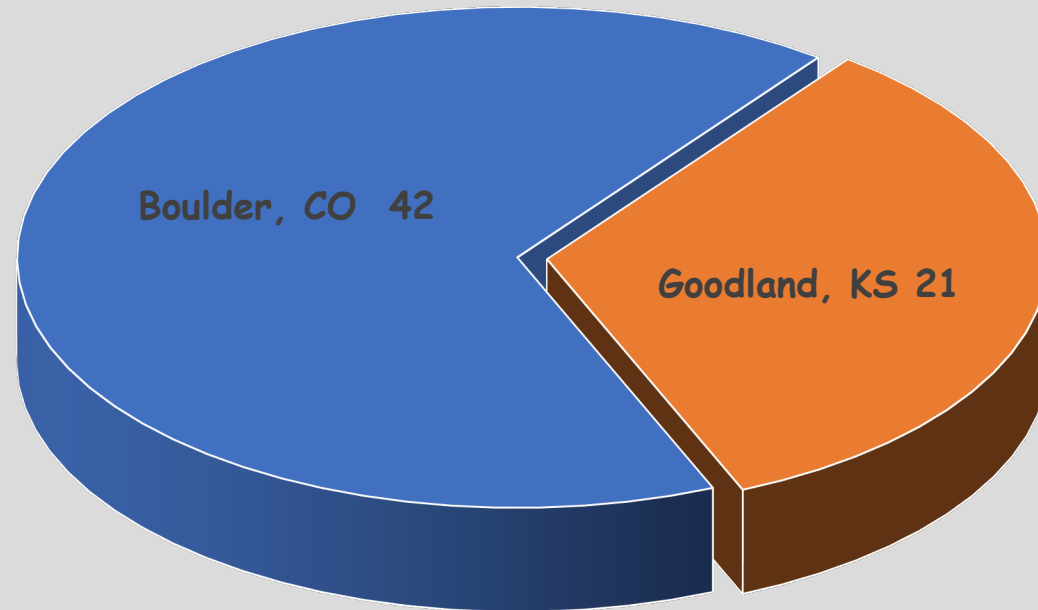
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TOTAL # OF RED FLAG WARNINGS BY NATIONAL WEATHER SERVICE OFFICE

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2020 FTC ZONE FIRE TOTALS

	Total # Fires	Total Acres	Human	Acres	Lightning	Acres
Arapaho - Roosevelt NF (USFS)	59	281,355	46	280925	13	430
Adams County	3	6,600.00	3	6600	0	0
Boulder County	20	7,520	16	7520	4	0.4
Clear Creek County	6	1.2	5	1.1	1	0.1
Gilpin County	2	2.1	2	2.1	0	0
Logan County	1	716	0	0	1	716
Larimer County	37	25,936	23	25925	14	10.5
Morgan County	3	495	2	395.1	1	100
Phillips County	2	1370	2	1370	0	0
Royal Gorge District (BLM)	2	2.1	0	0	2	2.1
Rocky Mountain Arsenal (FWS)	4	1	1	0.1	3	0.9
Weld County	7	2342.2	7	2342	0	0
Yuma County	2	76	2	76	0	0
Colorado State	0	2,274	0	2274	0	0
Rocky Mountain NP (NPS)	0	30,153.00	0	30153	0	0
Total	148	358,844	109	357,583	39	1,260

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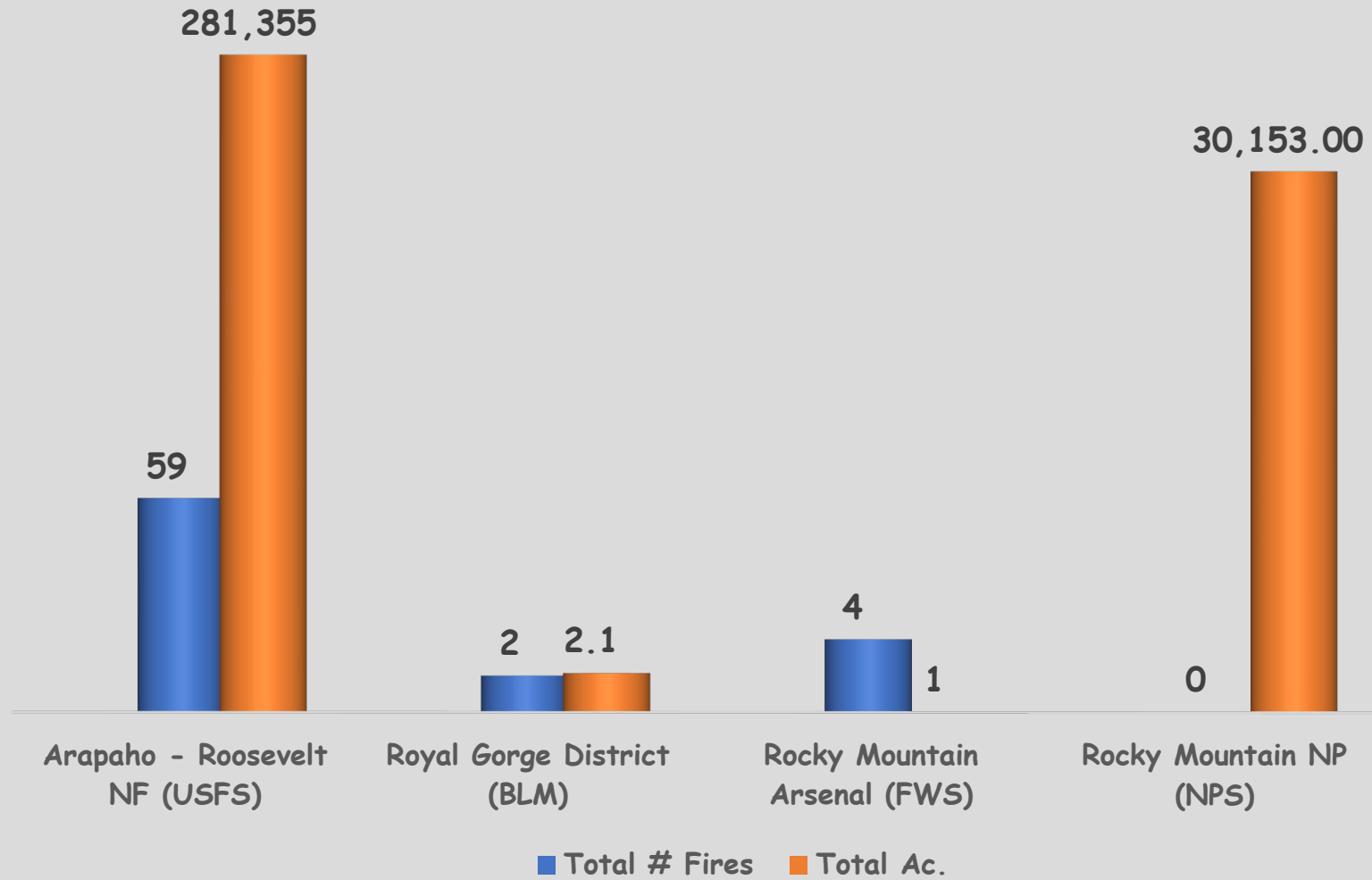
Year	# Fires	Total Acres
2019	78	3,934
2018	100	12,899
2017	117	38,905
2016	130	11,013
2015	110	13,866
5yr avg	107	16,123
2020	148 (138%)	358,844 (2,225%)



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FIRES AND ACRES BY FEDERAL AGENCY

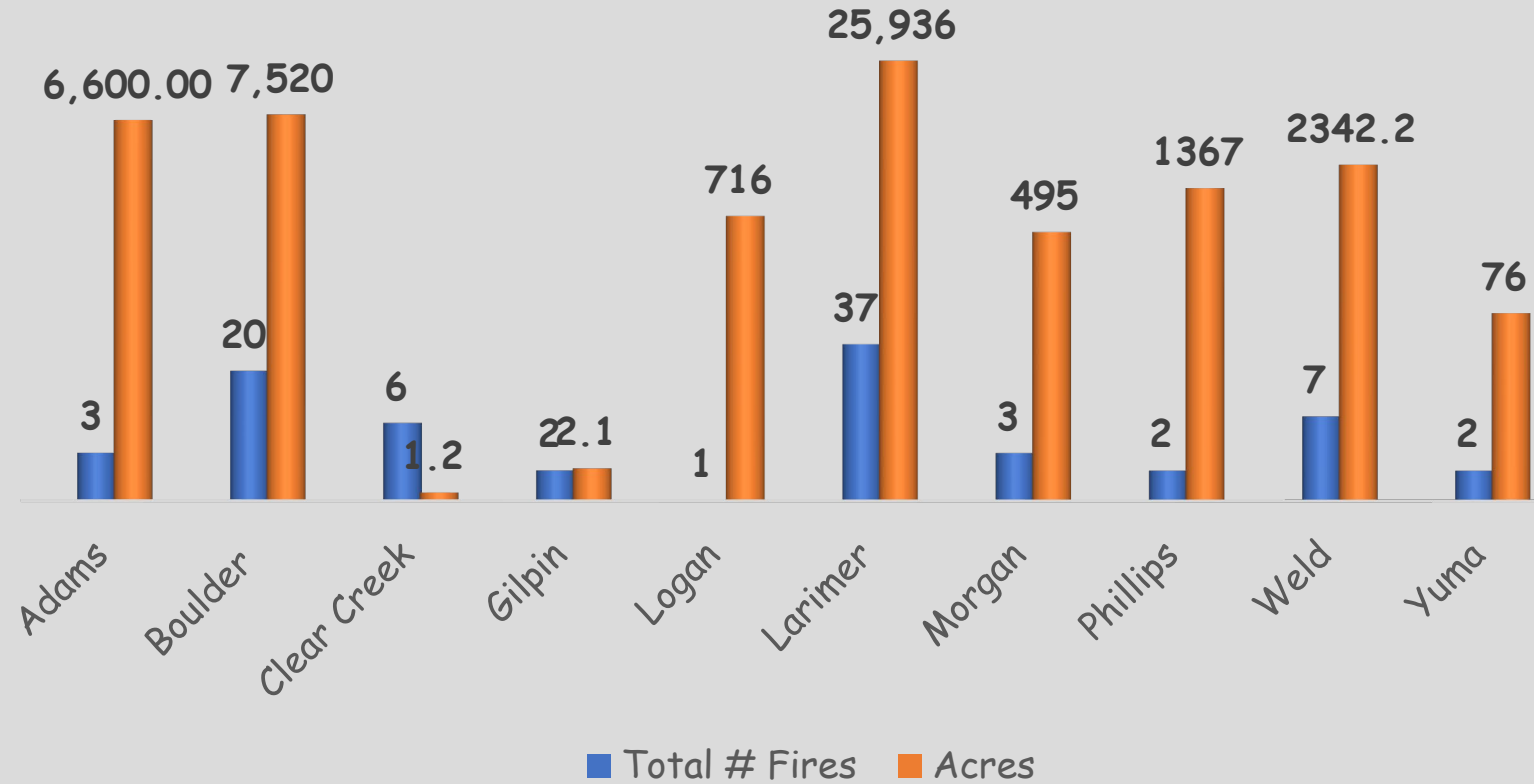




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FIRES AND ACRES BY COUNTY





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2020 RESOURCE ORDERS

In March of 2020, the Resource Ordering and Status System (ROSS) was decommissioned, and the new Resource ordering system Interagency Resource Ordering Capability (IROC) was deployed.

This transition resulted in challenges that were to be expected, however they proved to be more widespread and longer lasting than anticipated.

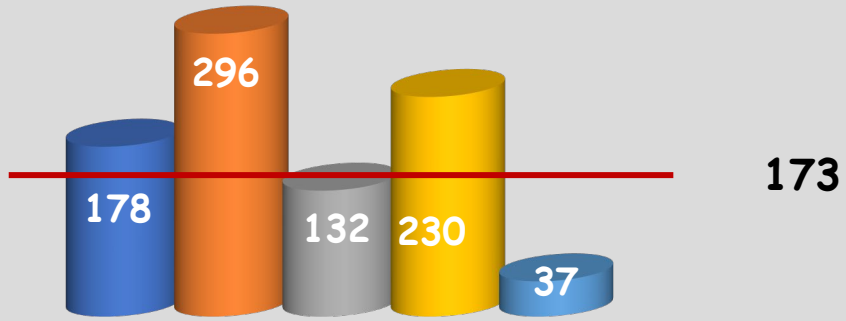
Among the many challenges faced was the lack of available training prior to deployment, which occurred just prior to mandatory stay at home orders, making training more difficult. Many resources did not migrate over for a variety of issues, some of which required great effort to investigate. Other challenges included utilizing preposition incidents and rostering, which caused National direction in June, to stop the rostering of resources, yet some Geographic Areas continued to do so, thus causing inconsistencies in reporting.

Reporting functionality was not restored to the system until late fall, and even then, gaps between what was needed and what was available, persist.

What has been made available has been incorporated into this report, but it should be noted that discrepancies between historical reporting and the newer system exist and as a result, some of these figures may be adjusted, when the full suite of reporting functionality returns to IROC.

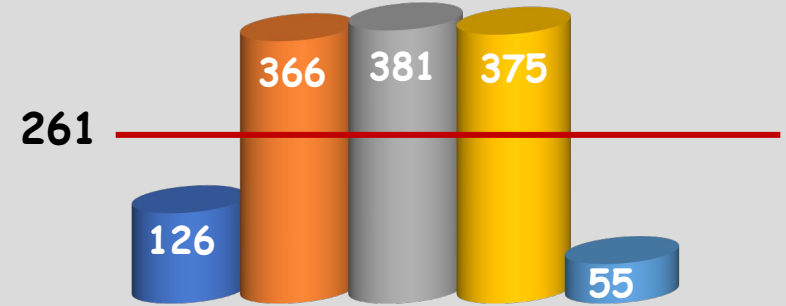


5 YEAR REQUEST AVERAGE BY CATALOG



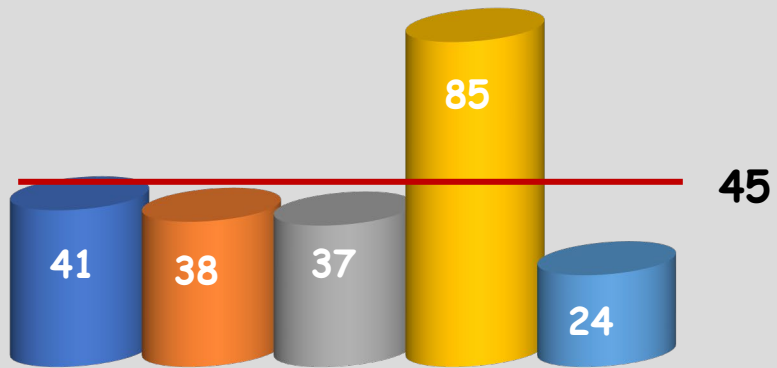
Aircraft

■ 2019 ■ 2018 ■ 2017 ■ 2016 ■ 2015



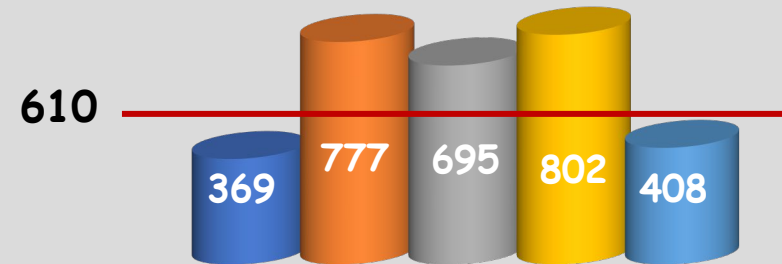
Engines/WTs

■ 2019 ■ 2018 ■ 2017 ■ 2016 ■ 2015



Crew

■ 2019 ■ 2018 ■ 2017 ■ 2016 ■ 2015



Overhead

■ 2019 ■ 2018 ■ 2017 ■ 2016 ■ 2015

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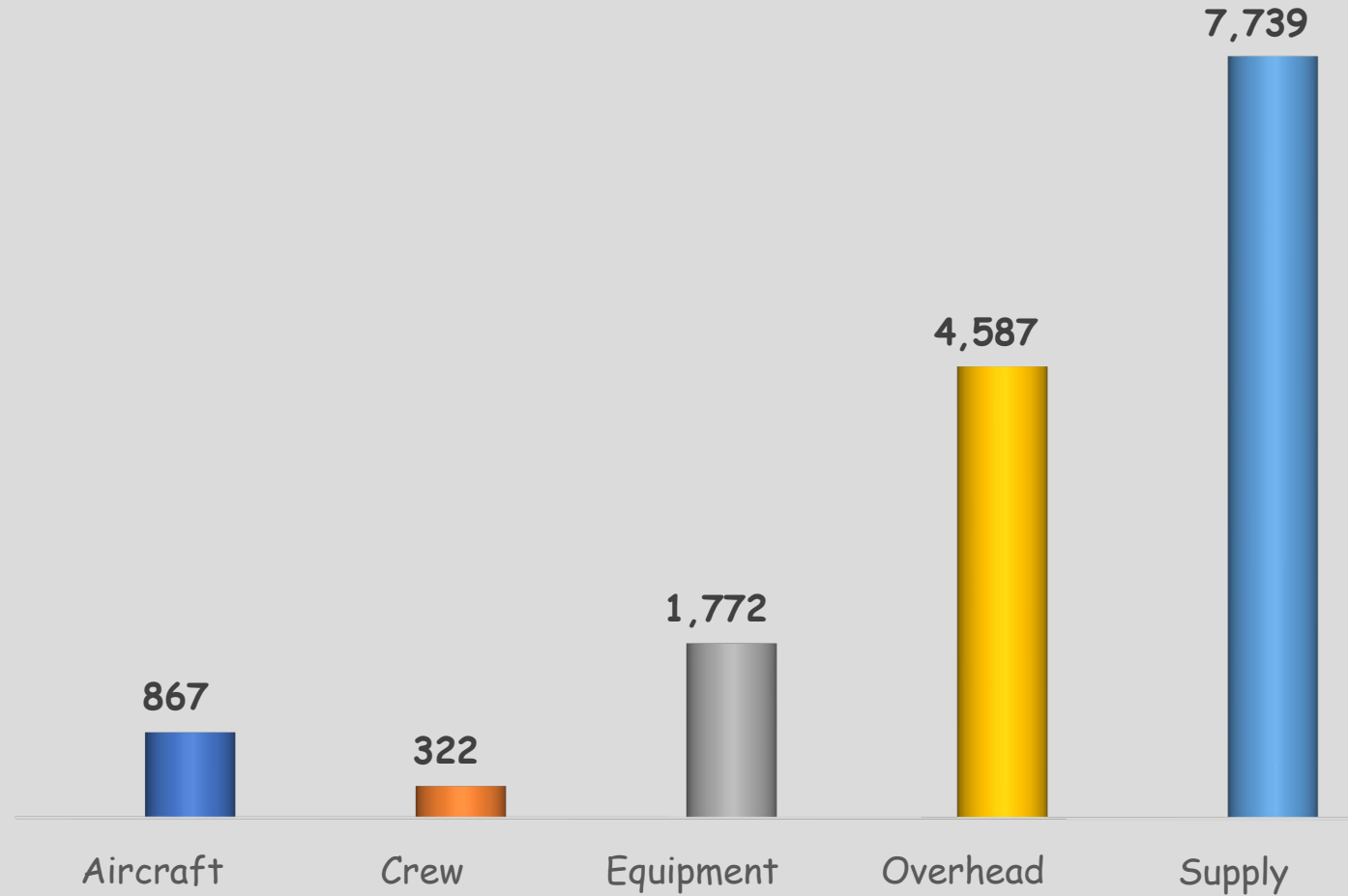




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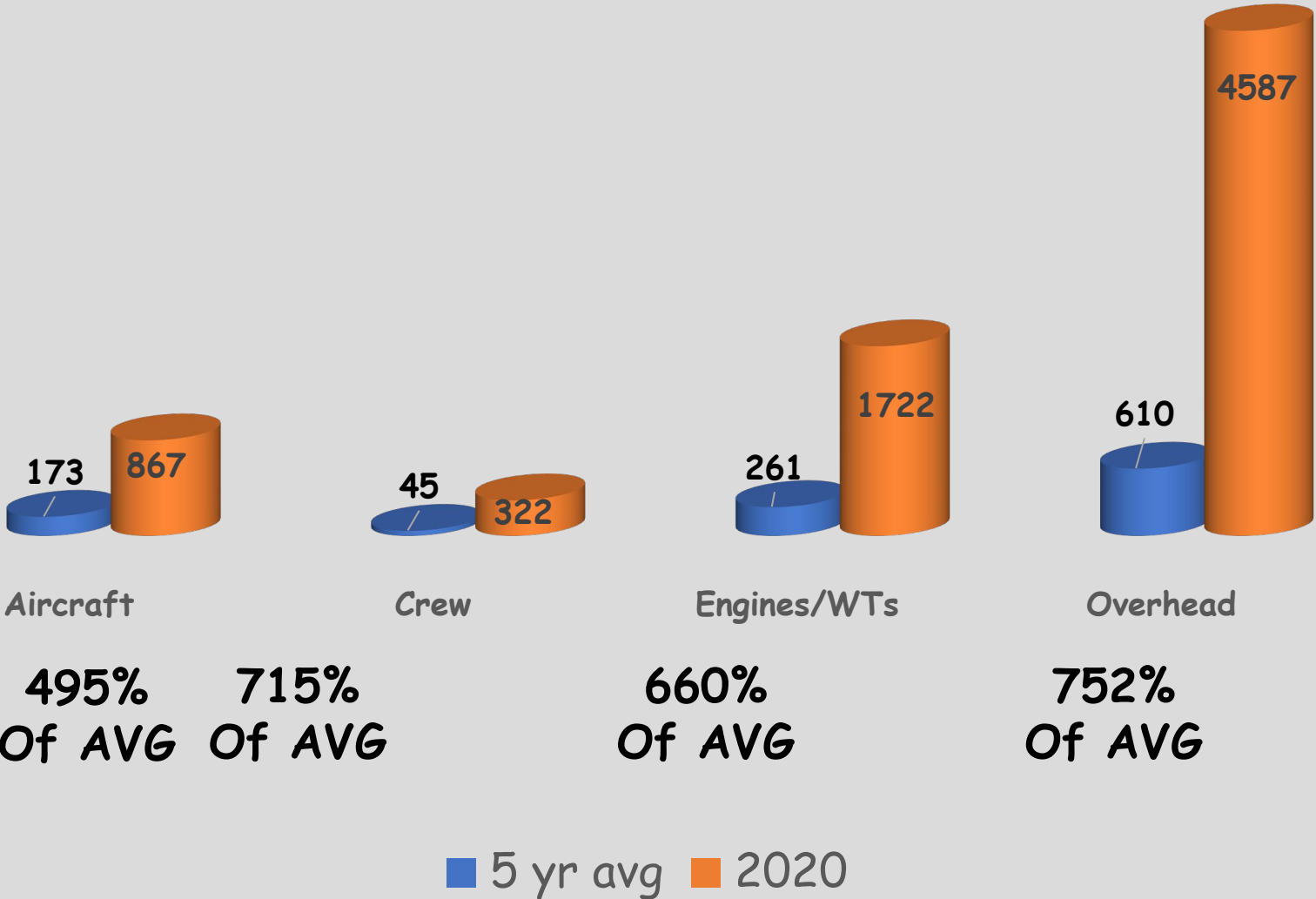
2020 TOTAL REQUESTS BY CATALOG





2020 DEPARTURE FROM 5 YEAR AVERAGE

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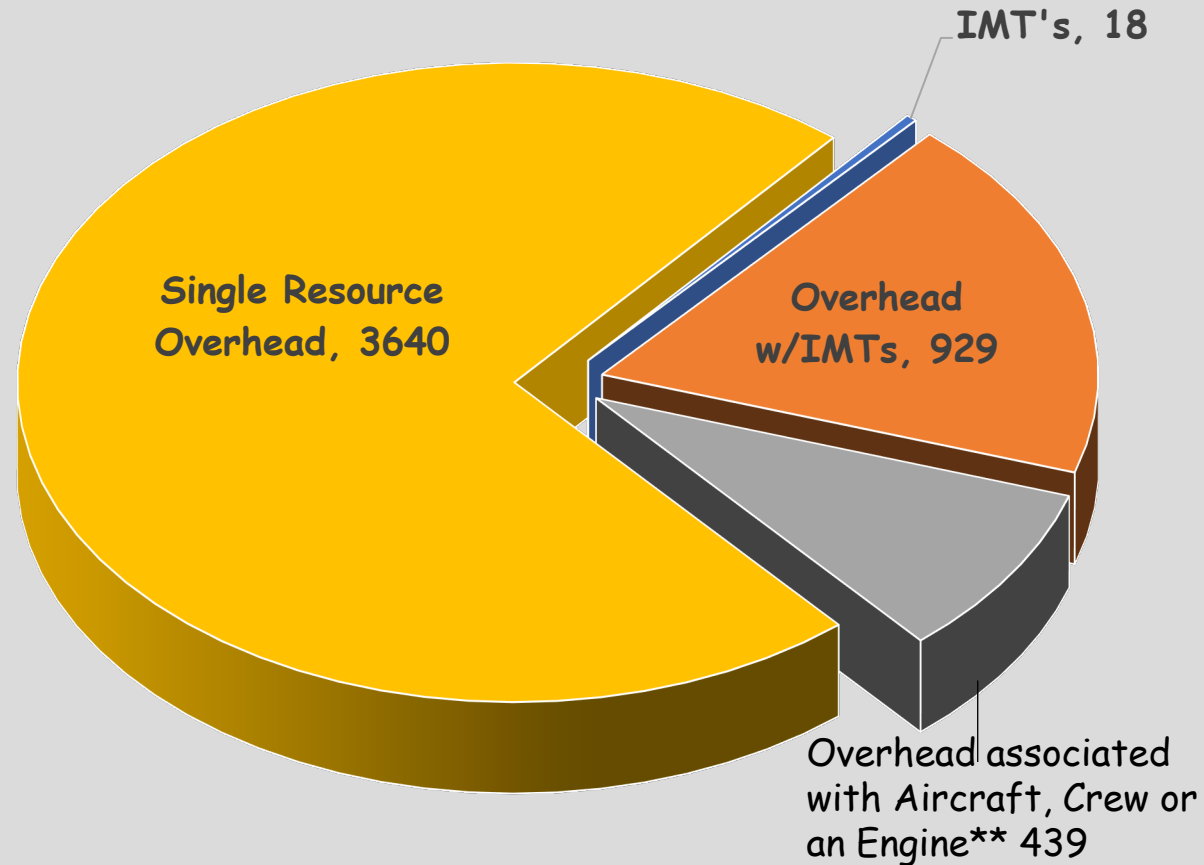




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OVERHEAD BREAKOUT



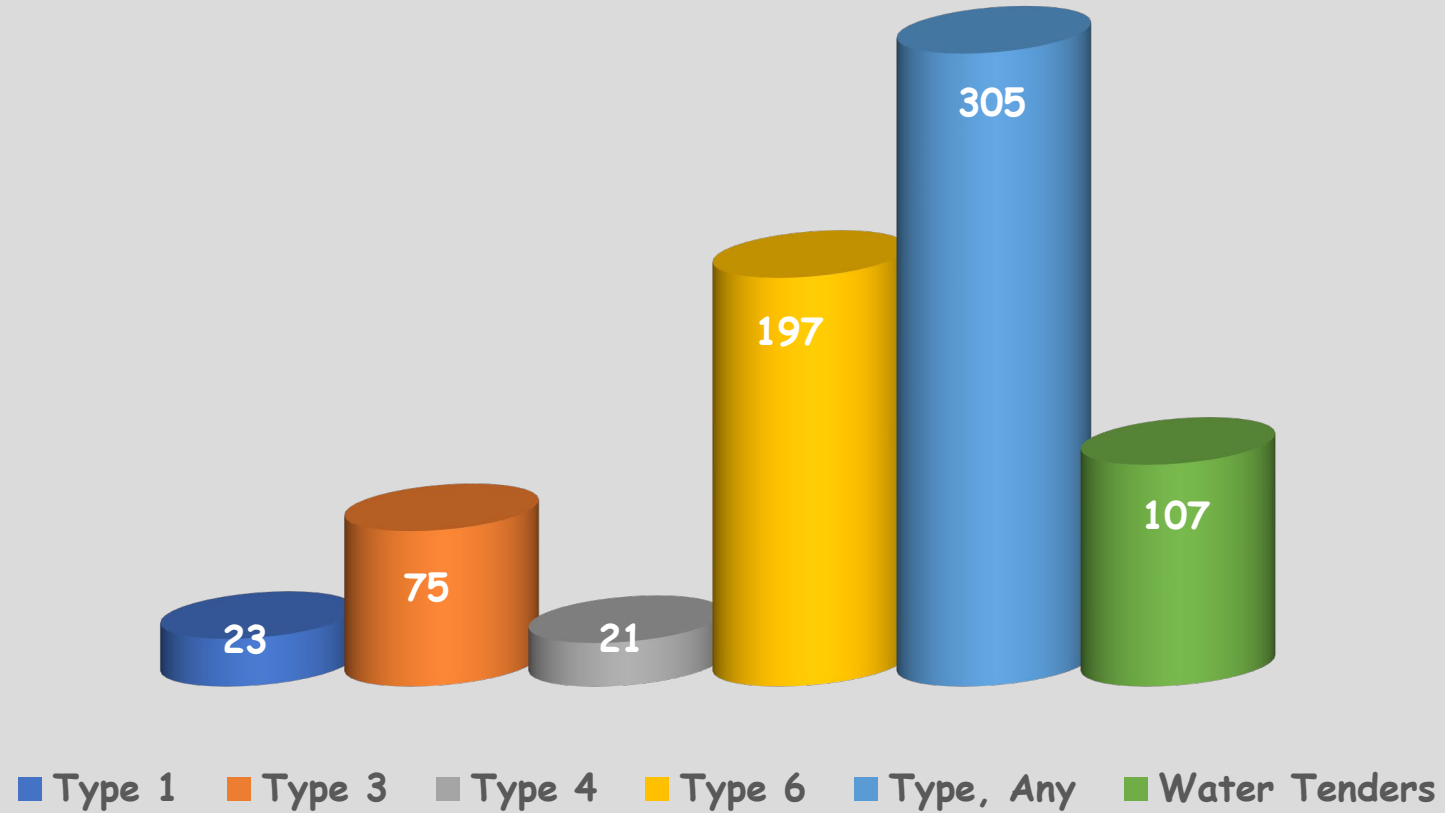
** National Direction was issued in June by National Interagency Coordination Center to not Roster resources, however some Geographic Areas continued to do so. As a result, not all resources that were attached to individual Aircraft, Crews or pieces of Equipment were captured, so this value is less than what actually was mobilized.



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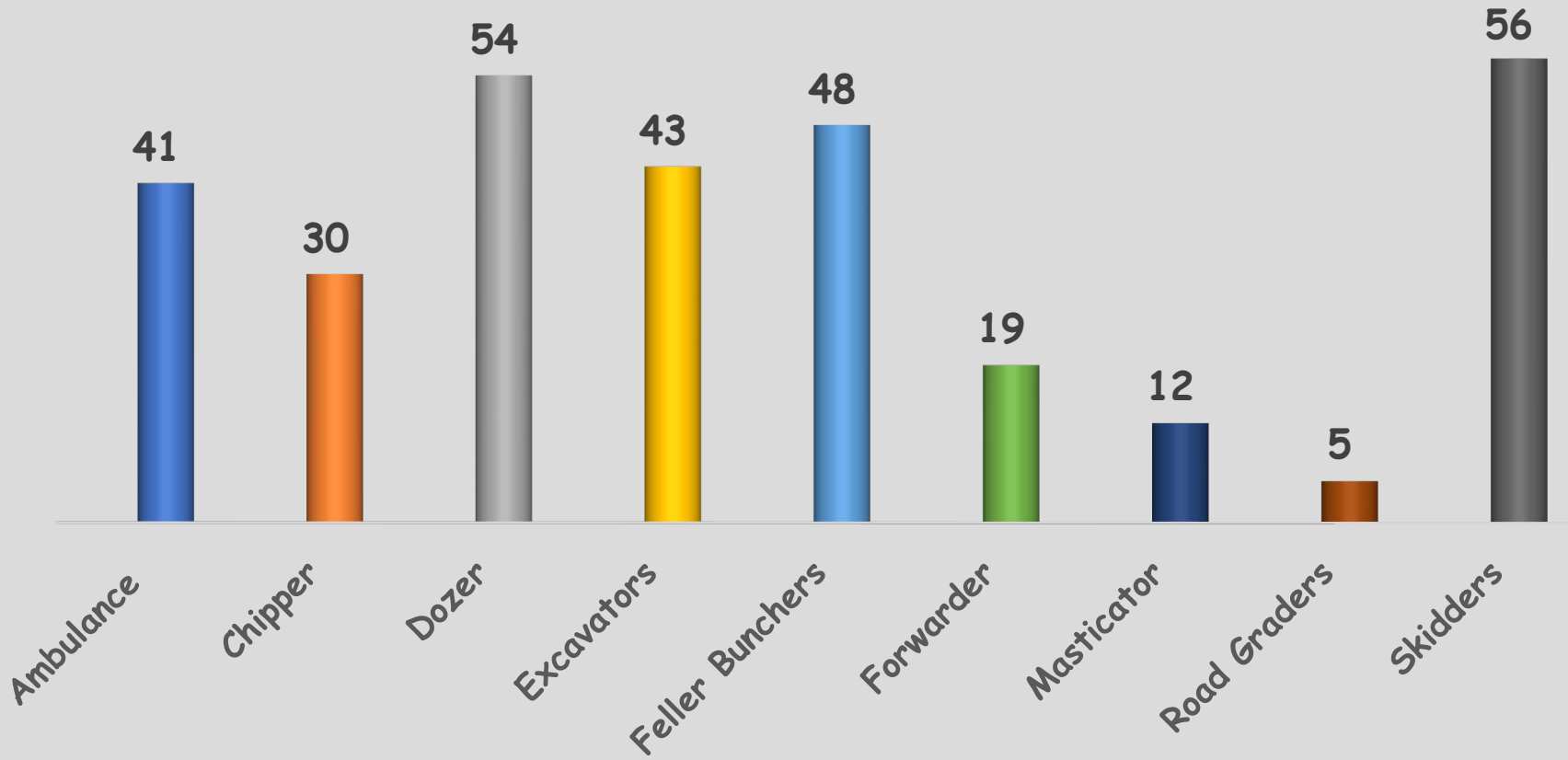
ENGINE /WT REQUESTS IN ZONE BY Type 728





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ADDITIONAL EQUIPMENT REQUESTED

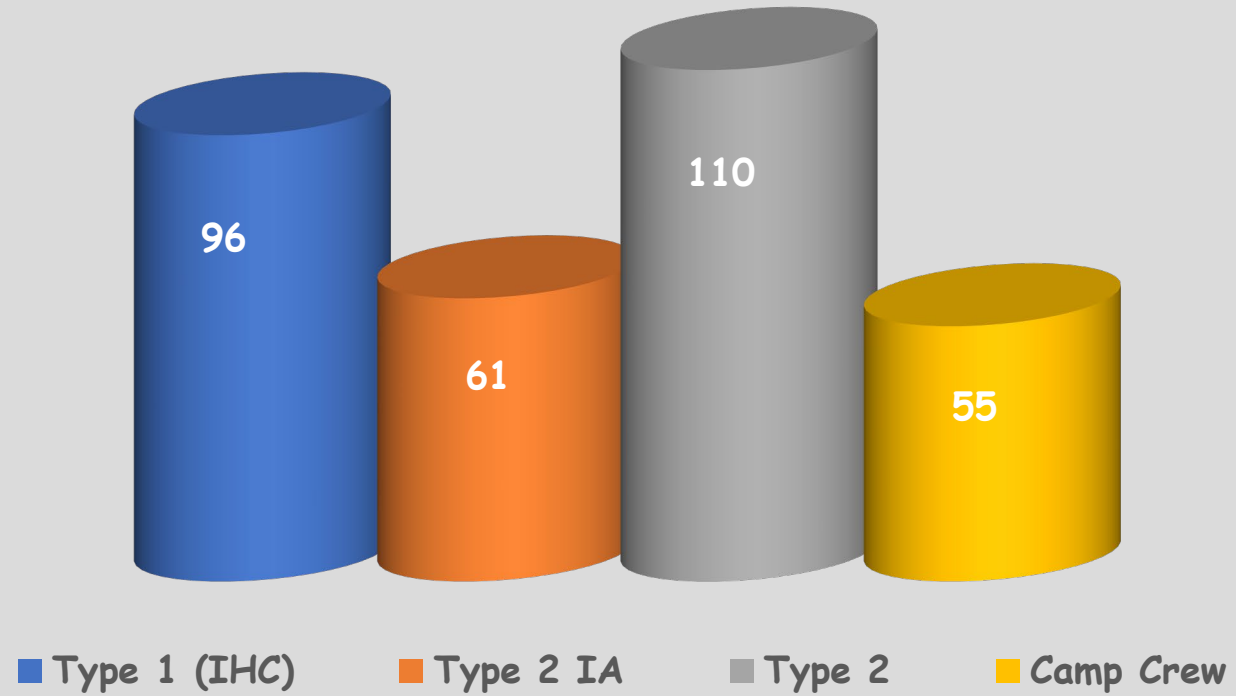




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CREW REQUESTS BY TYPE

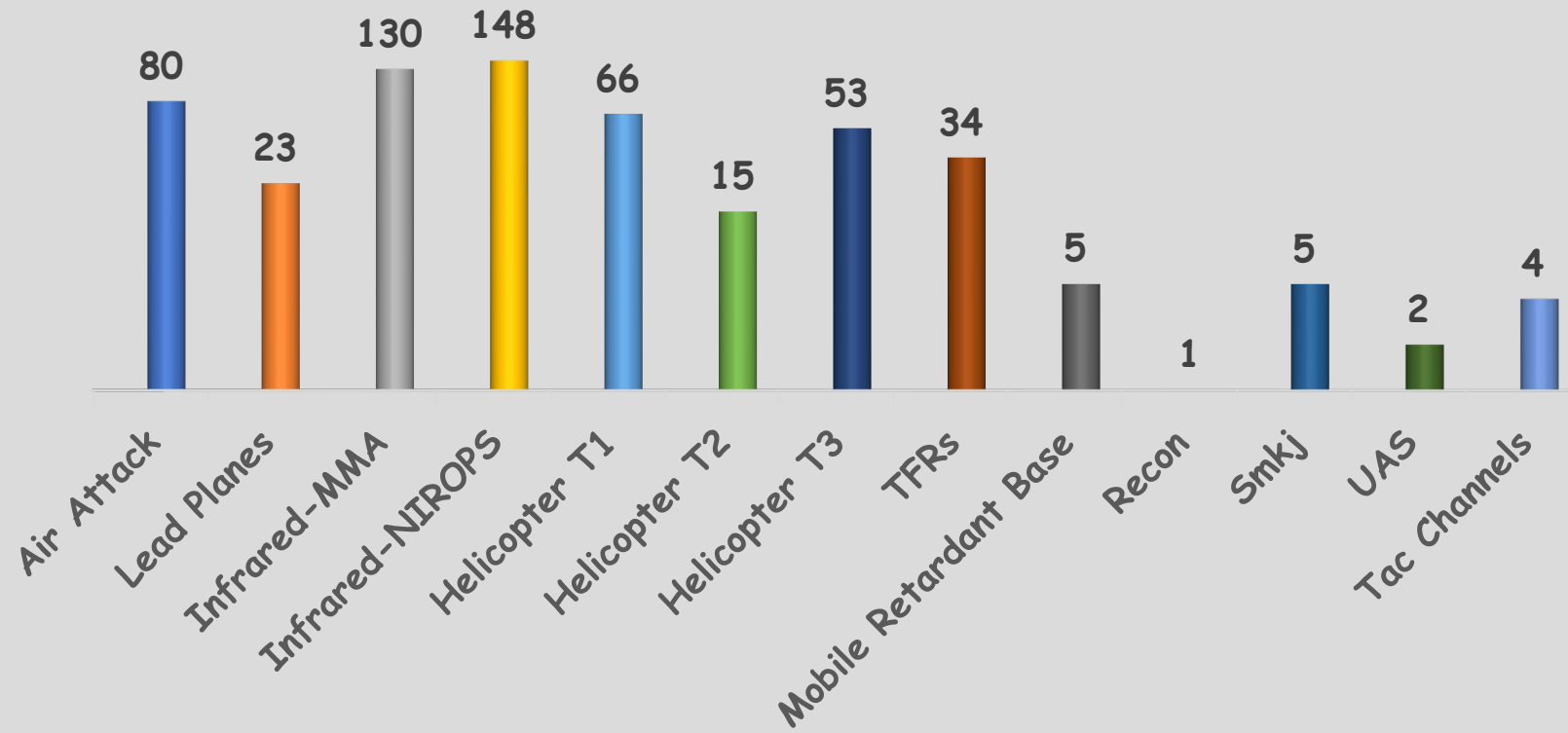




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AIRCRAFT REQUESTS IN ZONE BY TYPE



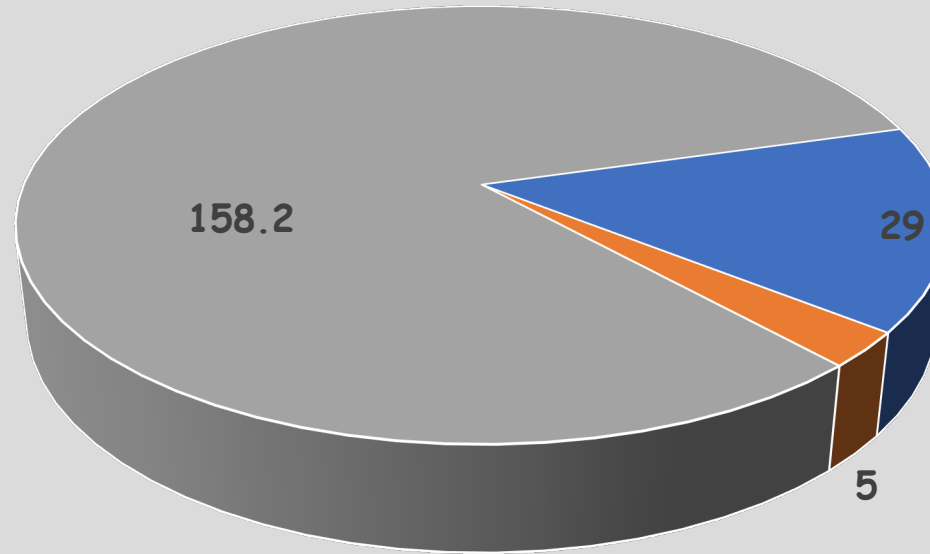


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ARAPAHO - ROOSEVELT NF TYPE3 HELICOPTER (3PA)

N833PA



■ Initial Attack Fires ■ Extended Attack Fires ■ Flight Hours

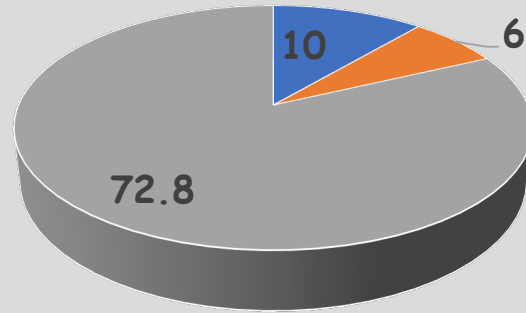


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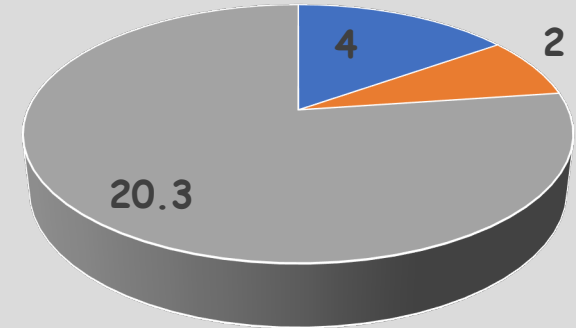


ARAPAHO - ROOSEVELT NF TYPE 1 HELICOPTER

N404AJ
588,500 Gallons of Water Dropped

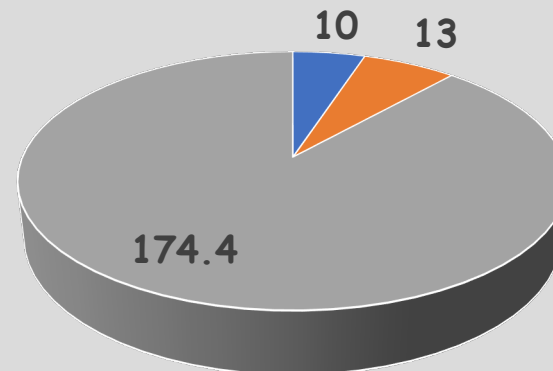


N405AJ
74,500 Gallons of Water Dropped



■ Initial Attack Fires ■ Extended Attack Fires ■ Flight Hours

N47CU
1,678,404 Gallons of Water Dropped



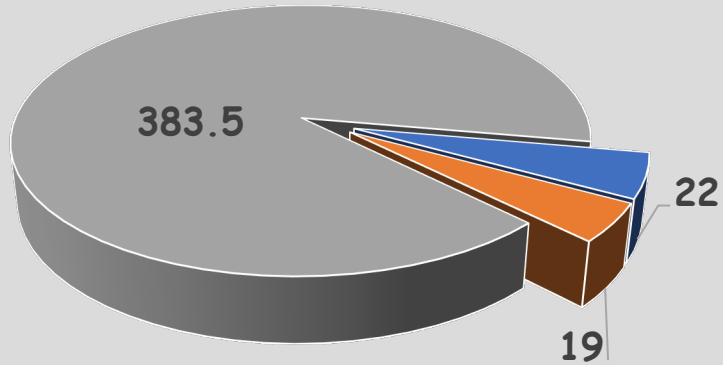


ARAPAHO - ROOSEVELT NF TYPE 1 HELICOPTER

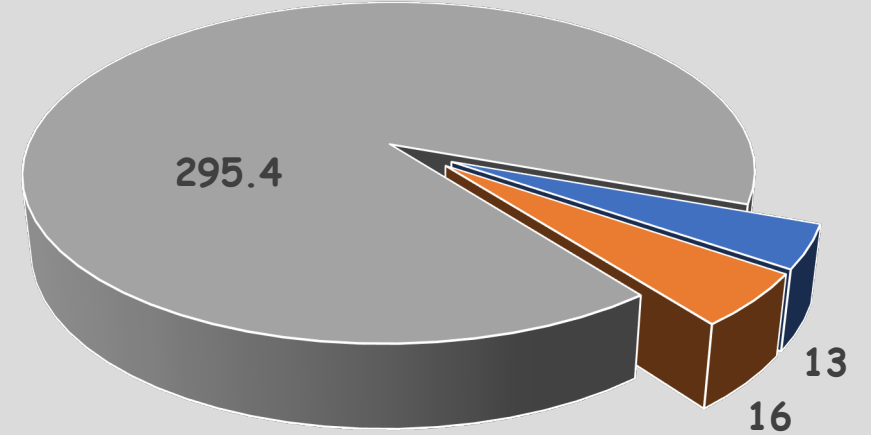
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N722HT

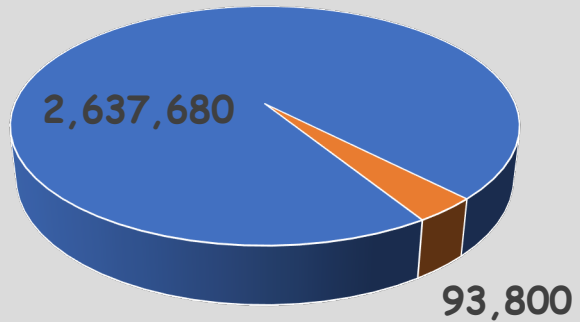


N715HT

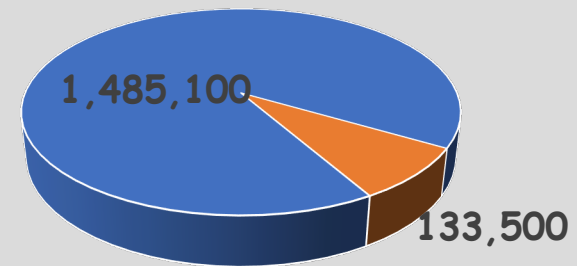


- Initial Attack Fires ■ Extended Attack Fires ■ Flight Hours
- Gallons Water Dropped
- Gallons Retardant Dropped

N722HT



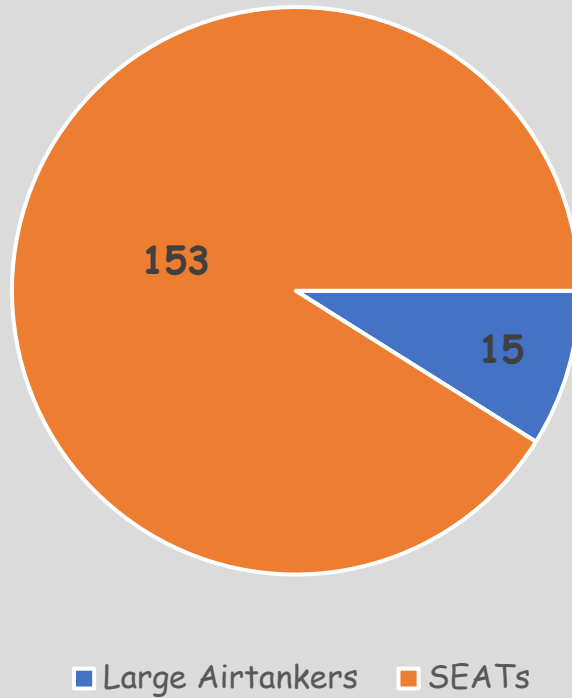
N715HT



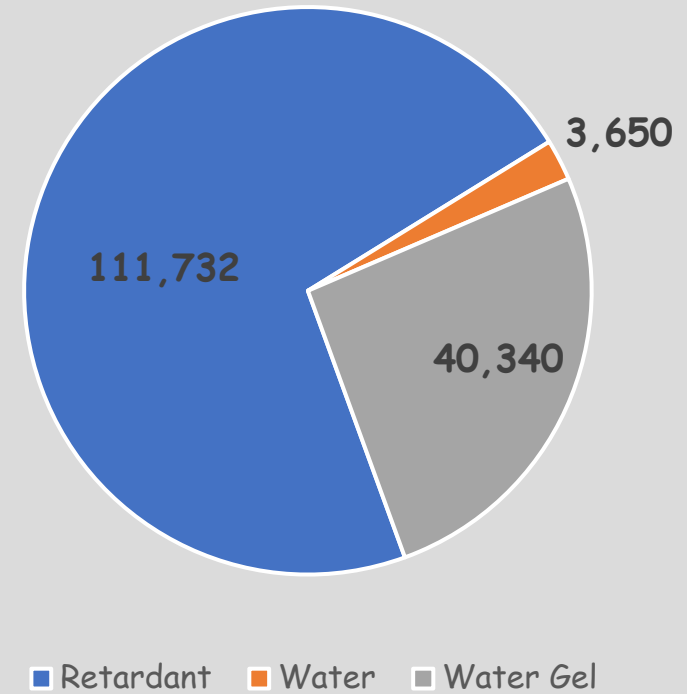


FORT COLLINS SEAT BASE (FNL) Northern Colorado Regional Airport

NOCO SEAT Base # Missions



NOCO SEAT Base # Gallons



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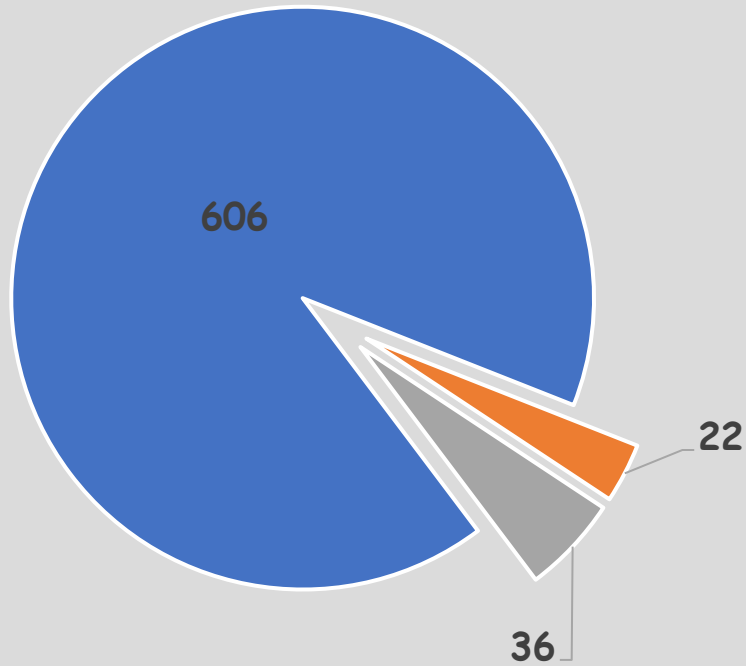


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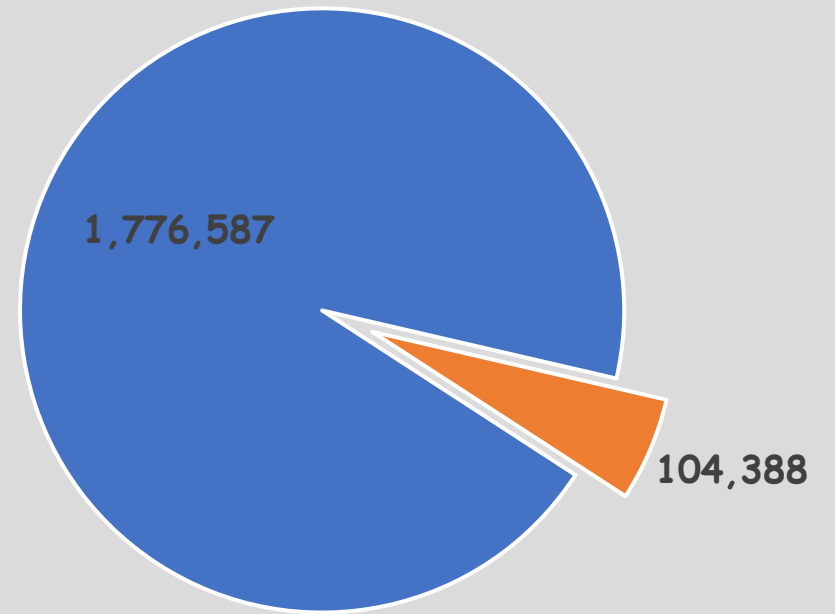
JEFFCO AIRTANKER BASE (BJC) Rocky Mountain Regional Airport

BJC # Missions



■ Large Airtankers ■ SEAT ■ MAFFS Training

BJC # Gallons



■ LAT's /SEATs ■ MAFFS Trng