

KEVIN HULL
BLM STATE OFFICE



Western Great Basin Wildfire Summary 1993



STATISTICAL FIRE SUMMARY FOR NEVADA 1993

This is Nevada's 1993 Wildfire Summary. The book is divided into the following sections:

**NEVADA STATEWIDE FIRE TOTALS
RESOURCE ORDERING SUMMARY
AVIATION SUMMARY
WGBCC WORKLOAD ANALYSIS
GREAT BASIN FUEL MOISTURE ANALYSIS**

The Western Great Basin Coordination Center provides direction and assistance in the mobilization and demobilization of resources between Nevada Dispatch Centers, the Eastern Great Basin Coordination Center, Boise Smokejumper Base, North Zone and the National Coordination Center.

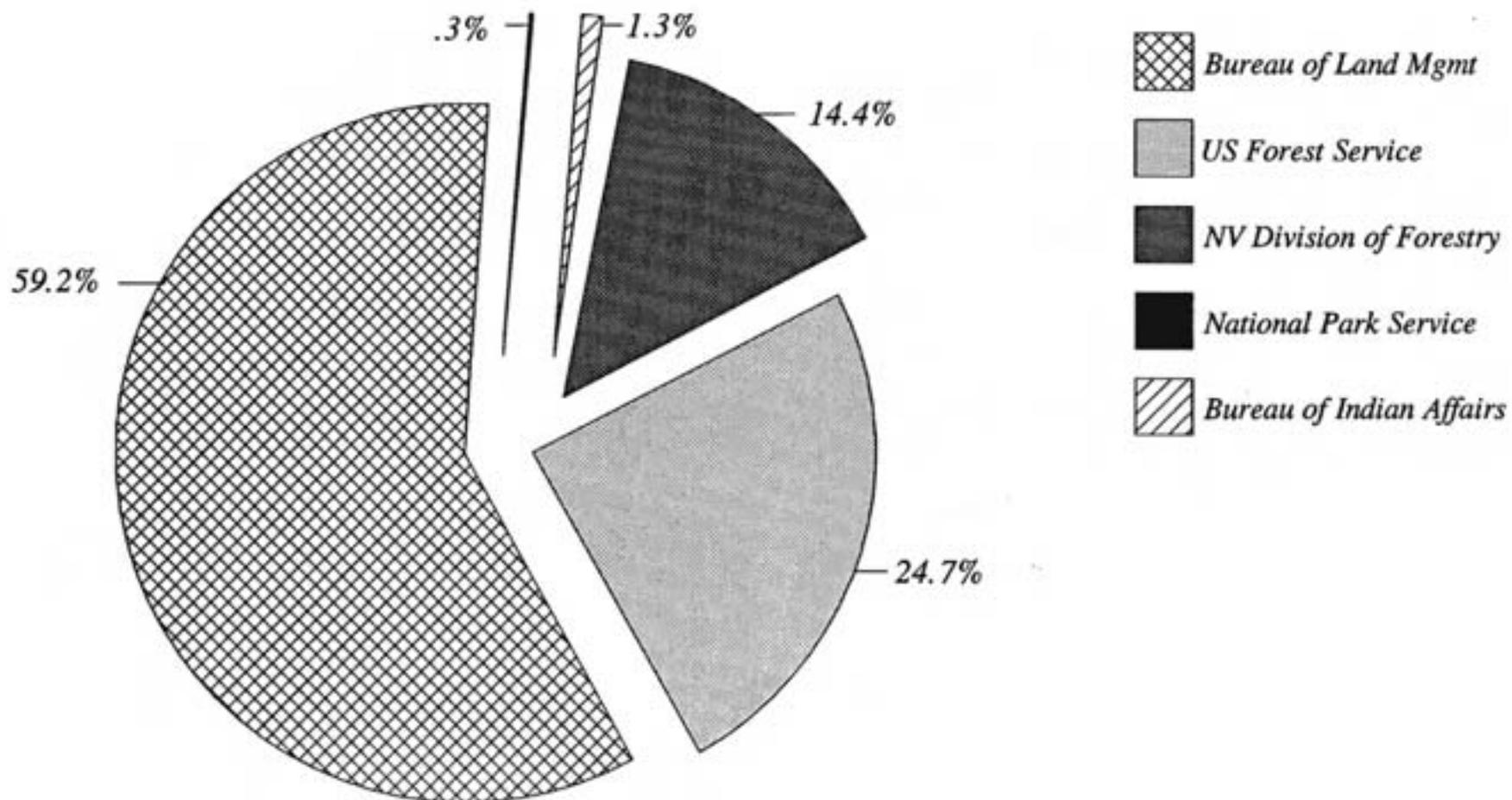
The WGBCC represents the BIA, BLM, NDF, NPS, and the USFS Wildfire Agencies within the Nevada Geographic Area.

***FIRE STATISTICAL
SUMMARY
FOR NEVADA***

NEVADA INTERAGENCY FIRE STATISTICAL SUMMARY 1993

| | HUMAN FIRES | ACRES BURNED | LIGHTNING FIRES | ACRES BURNED | TOTAL FIRES | TOTAL ACRES |
|-------------------------------------|----------------|-----------------|--------------------|-----------------|----------------|----------------|
| <i>Bureau of Land Management:</i> | | | | | | |
| <i>Elko</i> | 8 | 4 | 32 | 573 | 40 | 577 |
| <i>Winnemucca</i> | 27 | 54 | 20 | 1,830 | 47 | 1,884 |
| <i>Carson City</i> | 18 | 607 | 24 | 5 | 42 | 612 |
| <i>Ely</i> | 8 | 2,844 | 54 | 1 | 62 | 2,845 |
| <i>Las Vegas</i> | 76 | 25,453 | 66 | 13,629 | 142 | 39,082 |
| <i>Battle Mtn</i> | 7 | 900 | 21 | 928 | 28 | 1,828 |
| <i>US Forest Service:</i> | | | | | | |
| <i>TOF - North</i> | 20 | 37 | 37 | 63 | 57 | 100 |
| <i>TOF - South</i> | 38 | 11 | 36 | 15 | 74 | 26 |
| <i>Humboldt NF</i> | 3 | 1,353 | 13 | 77 | 16 | 1,430 |
| <i>Nevada Division of Forestry:</i> | | | | | | |
| <i>Northern</i> | 22 | 60 | 36 | 1,098 | 58 | 1,158 |
| <i>Southern</i> | 2 | 0 | 0 | 0 | 2 | 0 |
| <i>Western</i> | 14 | 10 | 12 | 2 | 26 | 12 |
| <i>National Park Service:</i> | | | | | | |
| <i>Great Basin</i> | 0 | 0 | 2 | 7 | 2 | 7 |
| <i>Nevada Totals:</i> | | | | | | |
| | 243 | 31,333 | 353 | 18,228 | 596 | 49,561 |

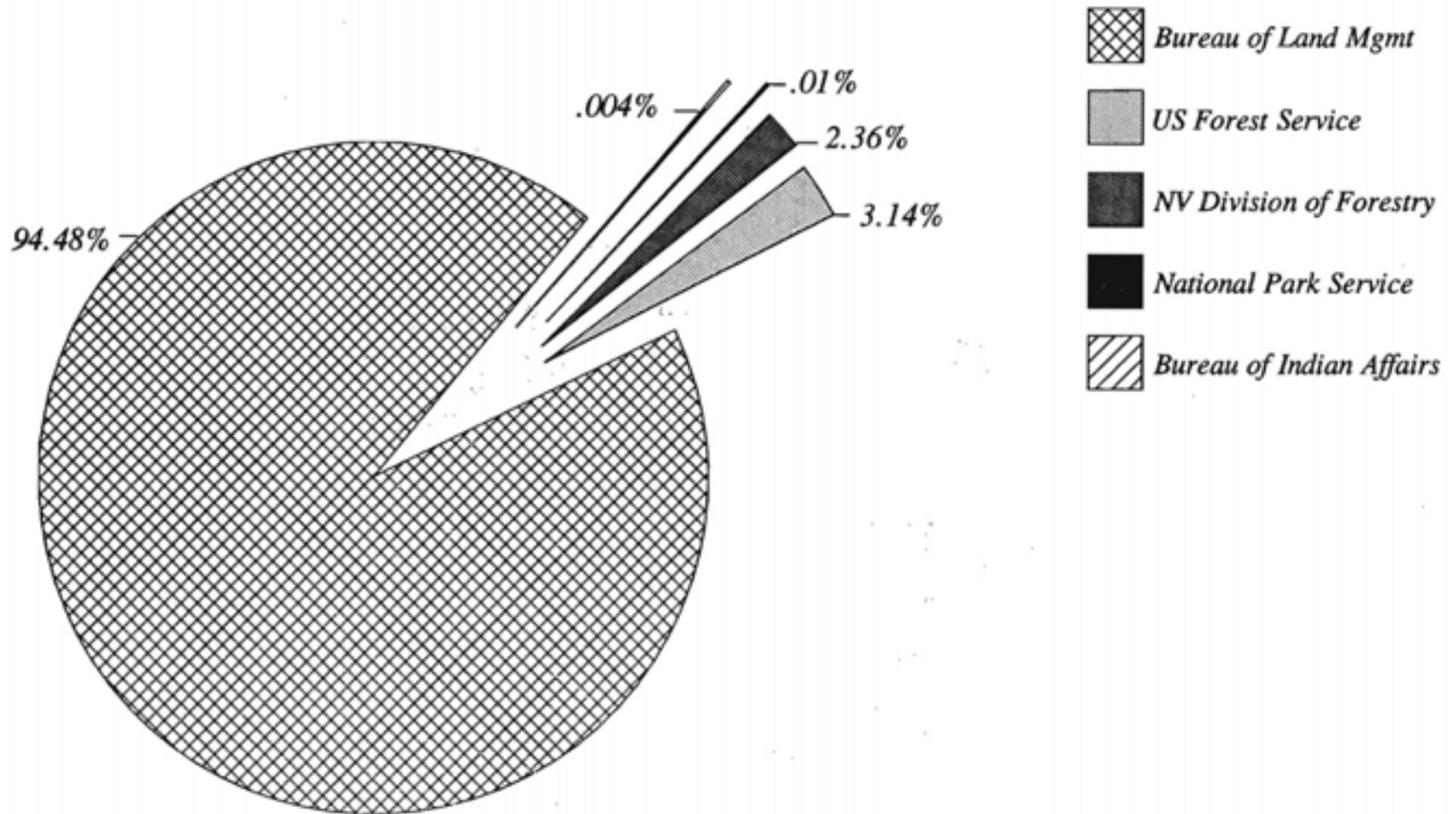
FIRE OCCURRENCE 1993



INTERAGENCY STATISTICS
(Lightning & Human Fires combined)

Information based on available fire data.

ACRES BURNED 1993



*INTERAGENCY STATISTICS
(Lightning & Human Acres Combined)*

Information based on available fire data

WESTERN GREAT BASIN COORDINATION CENTER

1993 INCIDENT SUPPORT SUMMARY

NOTES TO THE READER

When looking at resource order statistics, there are basically two sides of the same coin to be examined: who initiated (generated) the order, and who filled the order. The following collection of tables and graphs represents the total resource ordering picture for the WGBCC in 1993. Totals are presented first, separated by dispatch center and agency that initiated requests. The different types of resource orders (Aircraft, Crew, Equipment, and Overhead) are then examined in detail.

Requests are viewed by who initiated them, by who filled them, and in some cases separated as to requests that could be filled with resources from within Nevada versus requests that had to be filled with resources from outside the state. Requests are also broken down by resource type, e.g. different aircraft types and different crew types, etc.

The agency categories that are established are fairly self-explanatory. The "Other State" designation is designed to represent State agencies other than the Nevada Division of Forestry. "Private" refers to Call When Needed aircraft or equipment hired off an Emergency Equipment Rental Agreement. Unless otherwise specified (with a title like "...requests filled by Nevada agencies"), all agency data reflect orders initiated or filled by that agency, regardless of the source. In other words, on the "Crew Requests Filled" chart, for example, the USFS figure includes Forest Service crews from Idaho, California, and other locations, in addition to the Black Mountain hotshots.

It is extremely easy to read too much into a certain set of statistics. When looking at figures for a certain agency, district, or unit, remember to ask yourself: was 1993 really a "typical" year? When we look at who filled various orders, are we seeing the effect of closest forces, or of resource availability? How many orders were never placed, because people knew a certain type of resource (e.g. Airtanker, Type I crew) would not be able to meet a specific ordering timeframe? Overall, the figures are useful in showing, in a general way, where the workload of WGBCC is generated both in terms of receiving orders and filling orders. It is obvious from even a cursory glance that the Western Great Basin Coordination Center provides truly interagency service.

First and foremost, it is necessary to bear in mind when looking at these figures that they do not reflect local initial attack action on individual districts, regions, or Forests. Only local unit dispatch centers can provide that information.

WESTERN GREAT BASIN COORDINATION CENTER

1993 INCIDENT SUPPORT SUMMARY

TOTAL REQUESTS PROCESSED

SEPARATED BY RESOURCE TYPE AND DISPATCH CENTER PLACING ORDER

All statistics are for orders processed through the Western Great Basin Coordination Center only. They do not include dispatches on home units or to neighboring units under initial attack agreements (if less than 24 hours in duration). Supply orders are not included.

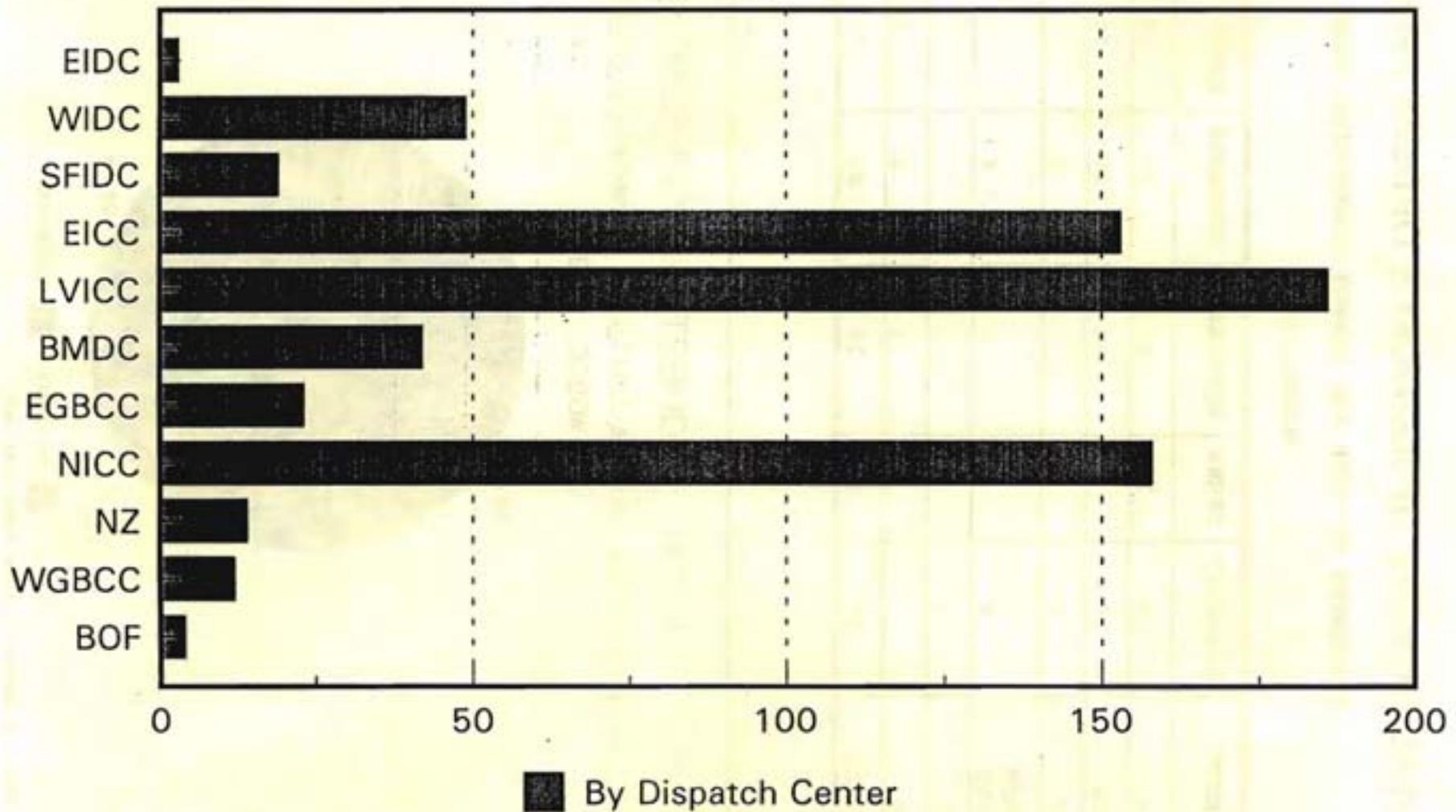
| Dispatch Center | Aircraft | Crews | Overhead | Equipment | Total |
|-----------------|----------|-------|----------|-----------|-------|
| EIDC | 2 | 0 | 1 | 0 | 3 |
| WIDC | 14 | 10 | 11 | 14 | 49 |
| SFIDC | 12 | 1 | 5 | 1 | 19 |
| EICC | 25 | 32 | 59 | 35 | 151 |
| LVICC | 50 | 23 | 70 | 43 | 186 |
| BMDC | 13 | 9 | 10 | 10 | 42 |
| EGBCC | 2 | 4 | 12 | 5 | 23 |
| NICC | 16 | 15 | 96 | 31 | 158 |
| NZ | 14 | 0 | 0 | 0 | 14 |
| WGBCC | 4 | 0 | 7 | 1 | 12 |
| BOF * | | | 4 | | 4 |
| Totals | 152 | 94 | 275 | 140 | 661 |

* Boise National Forest ordering of initial attack smokejumpers on 1993 initial attack agreement

TOTAL REQUESTS PROCESSED

WESTERN GREAT BASIN COORDINATION CENTER

1993



Does not include Supply requests

TOTAL NUMBER OF RESOURCE ORDERS PROCESSED

SEPARATED BY TYPE AND AGENCY GENERATING ORDER

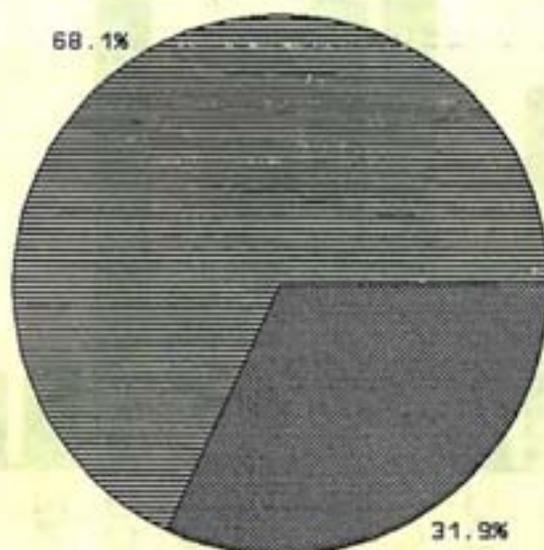
WGBCC, 1993

| AGENCY | AIRCRAFT | CREWS | EQUIPMENT | OVERHEAD | SUPPLY | TOTAL |
|-------------|----------|-------|-----------|----------|--------|-------|
| BLM | 35 | 17 | 23 | 36 | 70 | 181 |
| USFS | 17 | 6 | 4 | 20 | 2 | 49 |
| NDF | 5 | | | 1 | | 6 |
| OTHER STATE | 9 | 2 | 1 | 4 | | 16 |
| BIA | 1 | | | | | 1 |
| NPS | | 1 | 1 | 1 | 1 | 4 |
| TOTALS | 67 | 26 | 29 | 62 | 73 | 257 |

TOTAL REQUESTS PROCESSED

Generated by Nevada units or generated elsewhere

WGBCC, 1993



■ NV UNITS ■ ELSEWHERE

NOTE: "Elsewhere" includes orders that were generated by agencies in states other than NV

TOTAL REQUESTS INITIATED

SEPARATED BY AGENCY GENERATING THE REQUEST

| | BLM | USFS | Other State | NPS | NDF | BIA | Total |
|--------------------|-----|------|-------------|-----|-----|-----|-------|
| Number of requests | 464 | 144 | 38 | 7 | 7 | 1 | 661 |

TOTAL REQUESTS FILLED

SEPARATED BY AGENCY PROVIDING THE RESOURCE

| AGENCY | AIRCRAFT | OVERHEAD | CREWS | EQUIPMENT | TOTALS |
|---------------|------------|------------|-----------|------------|------------|
| BLM | 80 | 168 | 10 | 94 | 352 |
| USFS | 32 | 51 | 39 | 11 | 133 |
| NDF | 8 | 21 | 20 | 9 | 58 |
| OTHER STA. | 2 | 4 | 6 | | 12 |
| BIA | | 3 | 13 | 1 | 17 |
| NPS | 1 | | | 1 | 2 |
| PRIVATE | 4 | | | 13 | 17 |
| OTHER* | 5 | | | | 5 |
| CANCELLED** | 20 | 28 | 6 | 11 | 65 |
| TOTALS | 152 | 275 | 94 | 140 | 661 |

* FAA

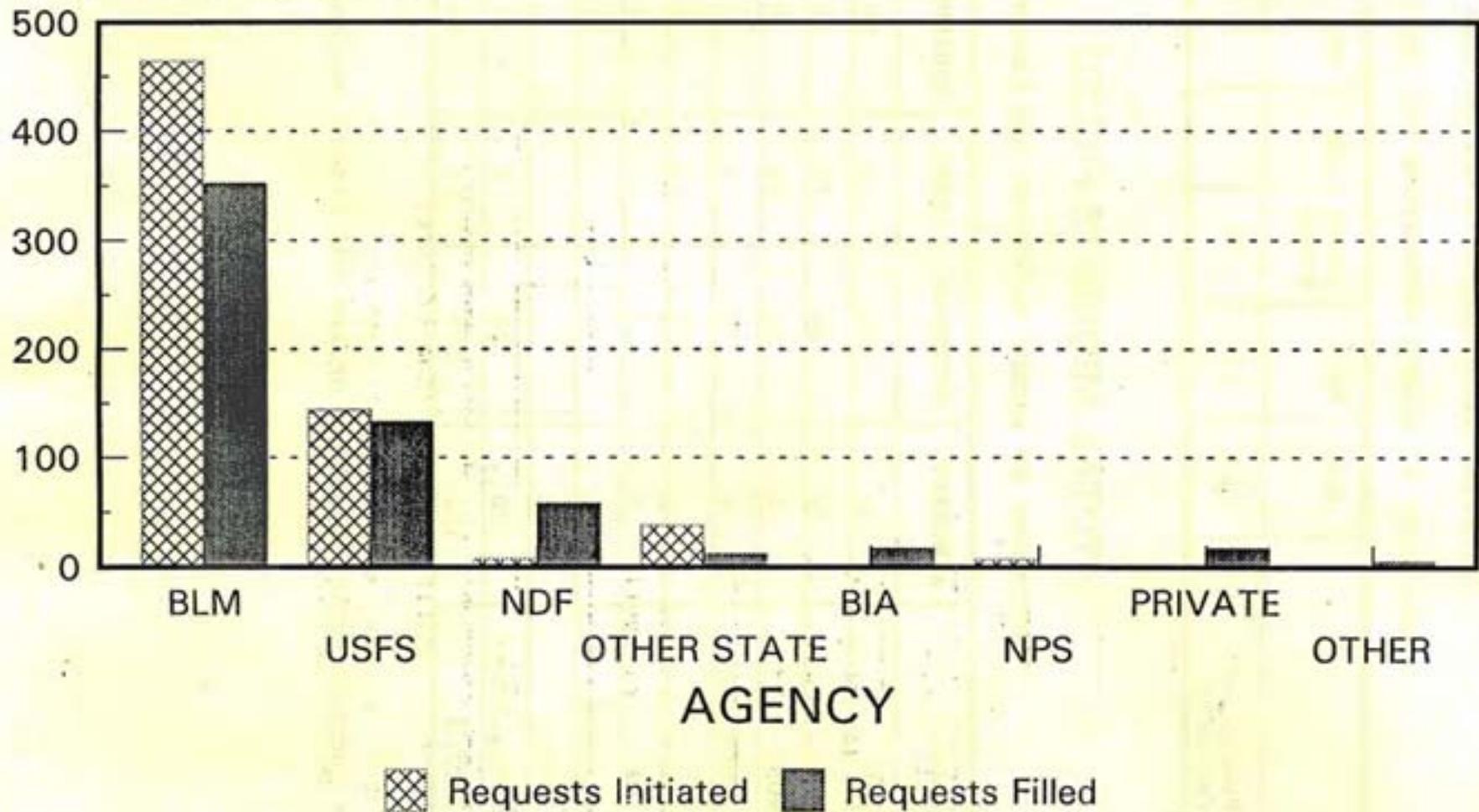
** Includes both Cancelled orders and orders designated as "Can't Fill"

TOTAL REQUESTS PROCESSED

Separated by Agency

1993

OF REQUESTS



AIRCRAFT REQUESTS

TOTAL REQUESTS PROCESSED

SEPARATED BY TYPE, AND AGENCY INITIATING REQUEST

| Aircraft Type | BLM | USFS | BIA | NDF | Other State* | Total |
|-----------------|-----|------|-----|-----|--------------|-------|
| Air Attack | 10 | 3 | 1 | | | 14 |
| Airtanker | 51 | 11 | | 3 | 10 | 75 |
| FAA Frequency | 4 | | | | | 4 |
| Helicopter | 21 | 7 | | | | 28 |
| Large Transport | 1 | | | | | 1 |
| Leadplane | 16 | 5 | | 3 | 1 | 25 |
| Recon | 2 | | | | | 2 |
| Small Transport | 1 | 1 | | | | 2 |
| TFR | 1 | | | | | 1 |
| Total | 107 | 27 | 1 | 6 | 11 | 152 |

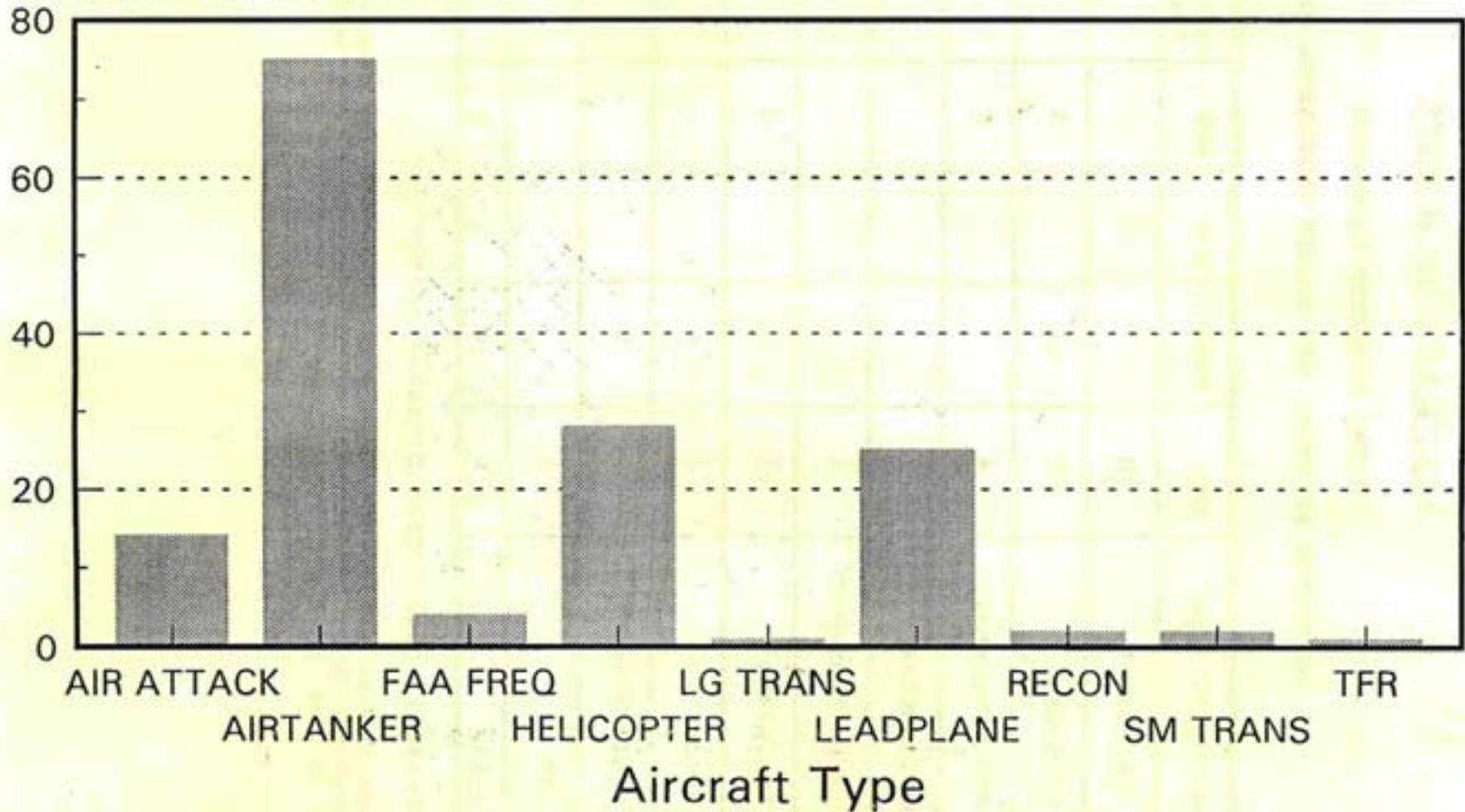
*Primarily California Division of Forestry

NOTE: Data indicate the agency that initiated the request, regardless of location. Example: USFS data includes orders generated by Nevada USFS units and by National Forests in other states.

AIRCRAFT REQUESTS PROCESSED

Separated by Type
WGBCC, 1993

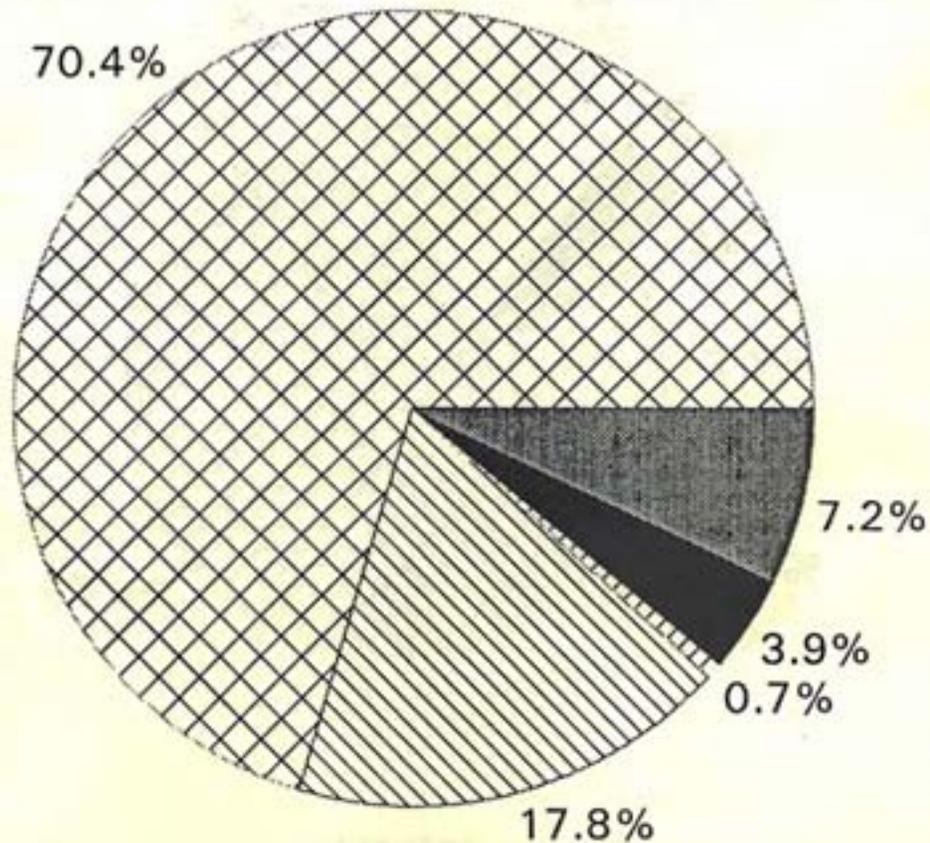
Number of Requests



AIRCRAFT REQUESTS INITIATED

Separated by Agency generating request

1993



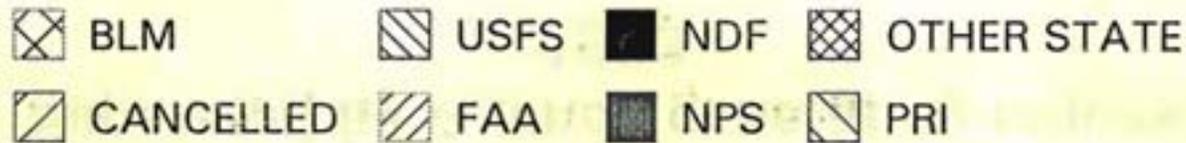
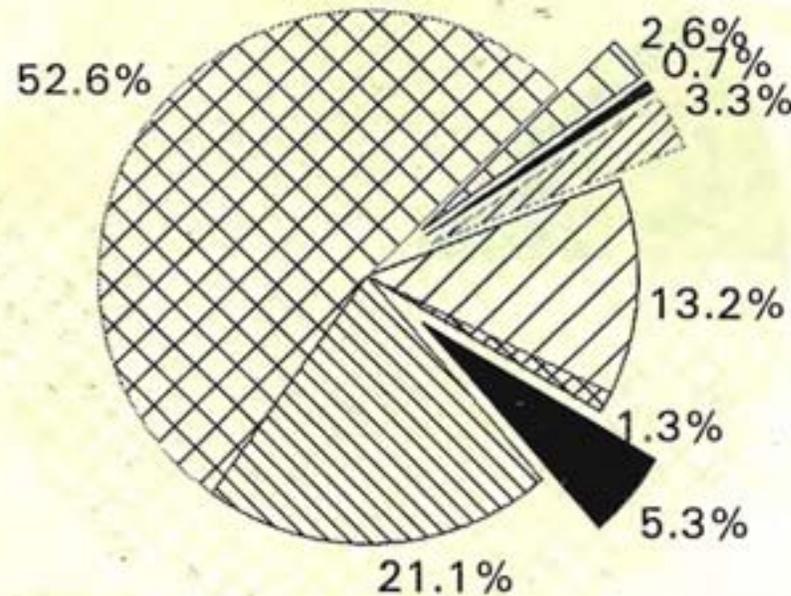
Legend:  BLM  USFS  BIA  NDF  OTHER STATE

NOTE: "Other State" means the order was generated by a State agency other than NDF.

AIRCRAFT REQUESTS FILLED

Separated by Agency providing the resource

1993

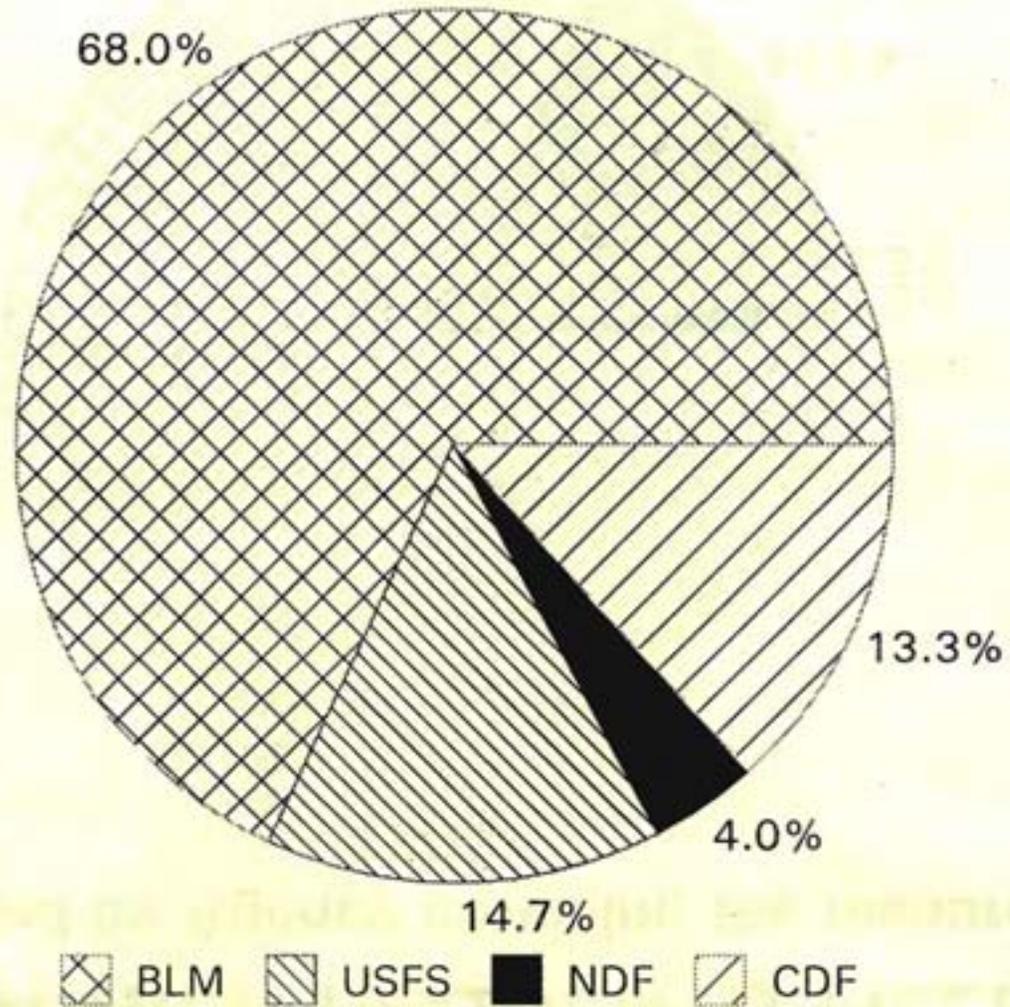


PRIVATE = Ag Air Tanker and CWN Helicopters

AIR TANKER REQUESTS INITIATED

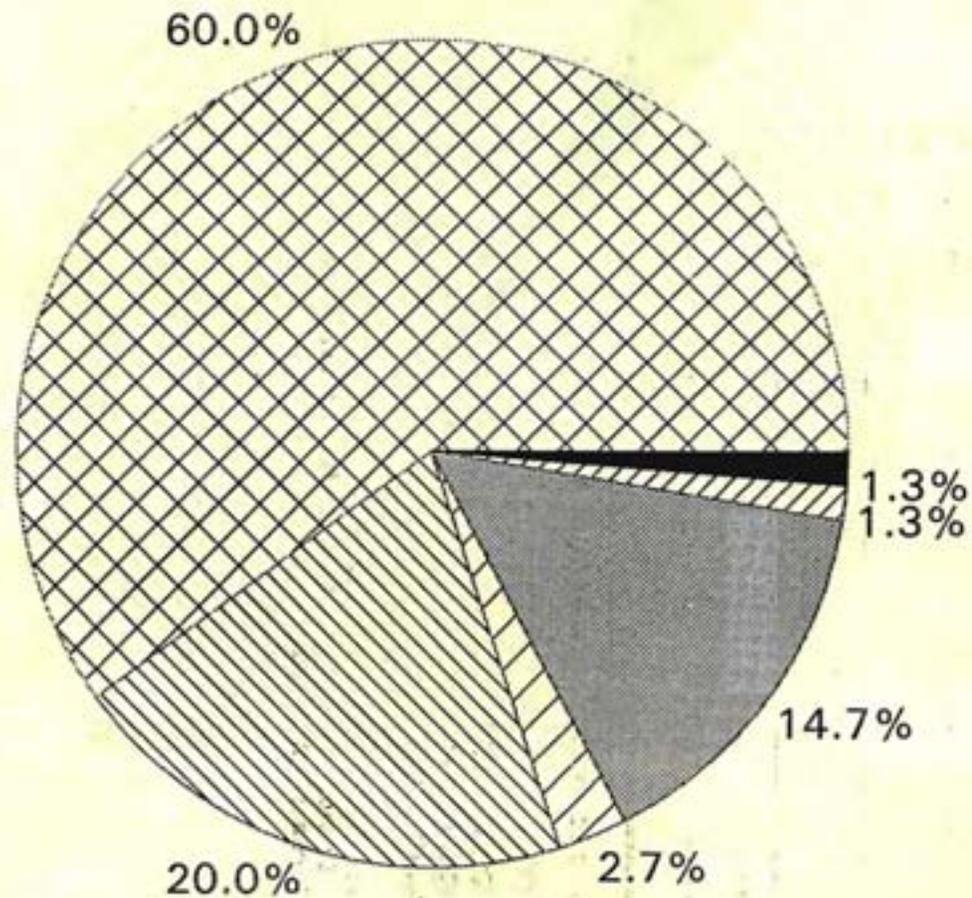
Separated by Agency generating request

1993



AIR TANKER REQUESTS FILLED

Separated by Agency providing the resource
1993



BLM USFS CDF CANCELLED NPS PRIVATE

PRIVATE = Ag Air Tanker

CREW REQUESTS

TOTAL REQUESTS PROCESSED

SEPARATED BY TYPE, AND AGENCY INITIATING REQUEST

| Crew Type | BLM | USFS | Other State* | NPS | Total |
|-----------|-----|------|--------------|-----|-------|
| Type I | 35 | 11 | 1 | 1 | 48 |
| Type II** | 27 | 10 | 4 | | 41 |
| Camp Crew | 5 | | | | 5 |
| Total | 67 | 21 | 5 | 1 | 94 |

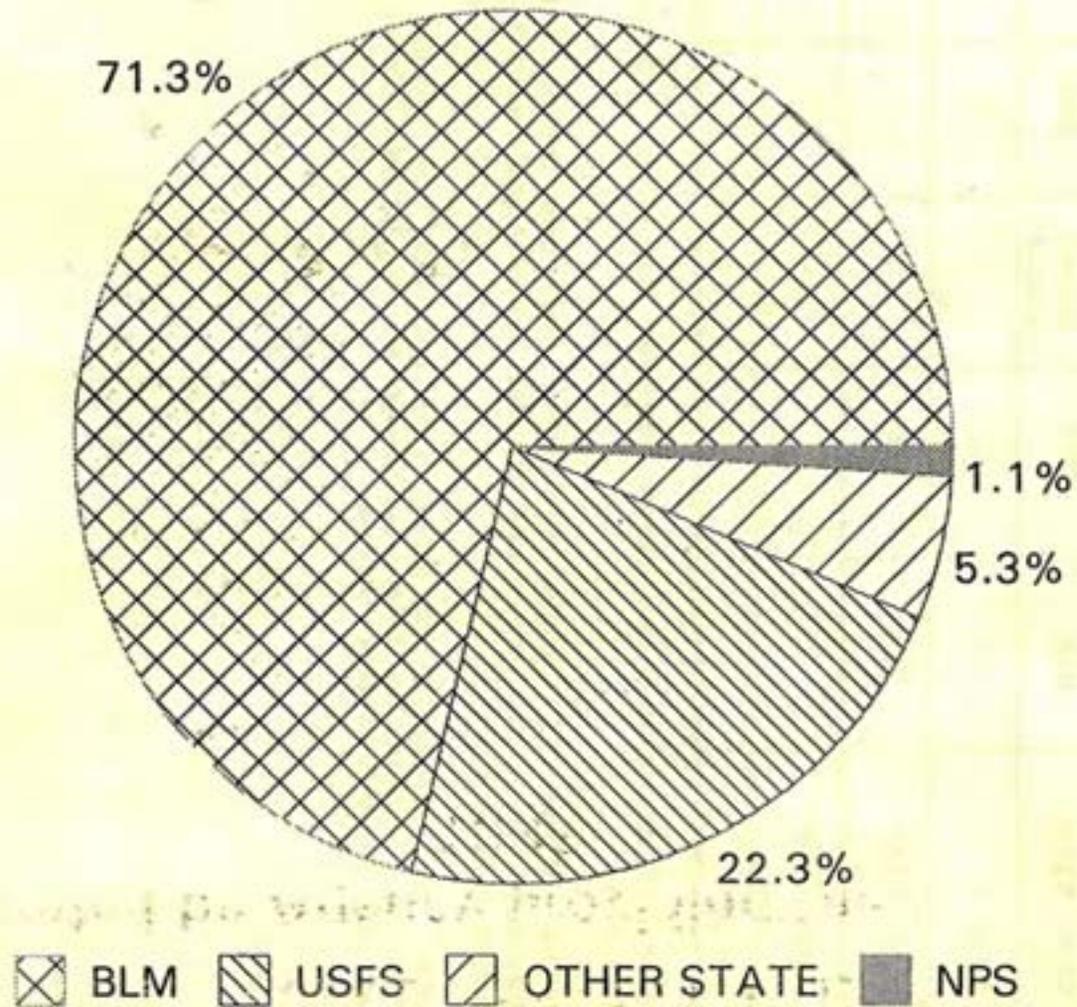
*NDF did not order any crews through the WGBCC this year; neither did BIA.

**The "Type II" crew category includes both individual NDF Conservation Camp crews and strike teams, and Falcon crews; strike teams count as 1.

NOTE: Data indicate the agency that initiated the request, regardless of location. Example: USFS data includes orders generated by Nevada USFS units and National Forests in other states.

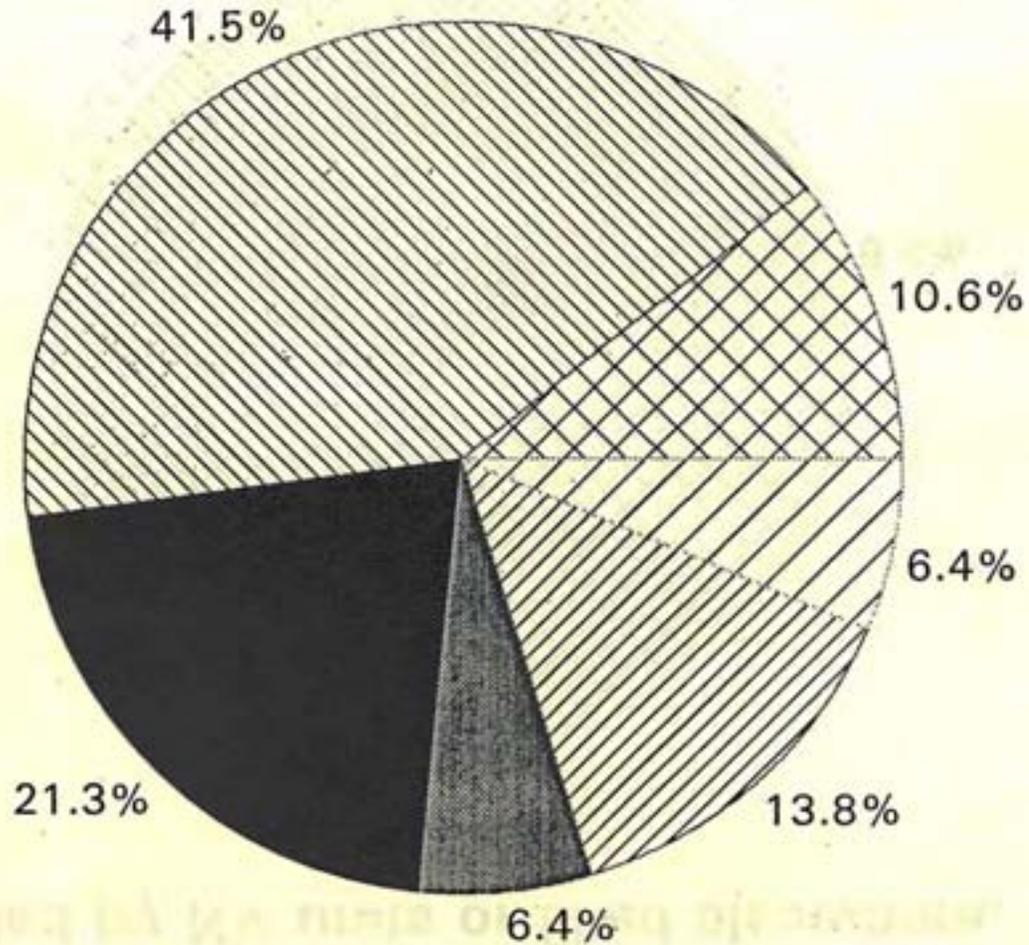
CREW REQUESTS INITIATED

Separated by agency generating the request
WGBCC, 1993



CREW REQUESTS FILLED

Separated by Agency providing the resource
1993

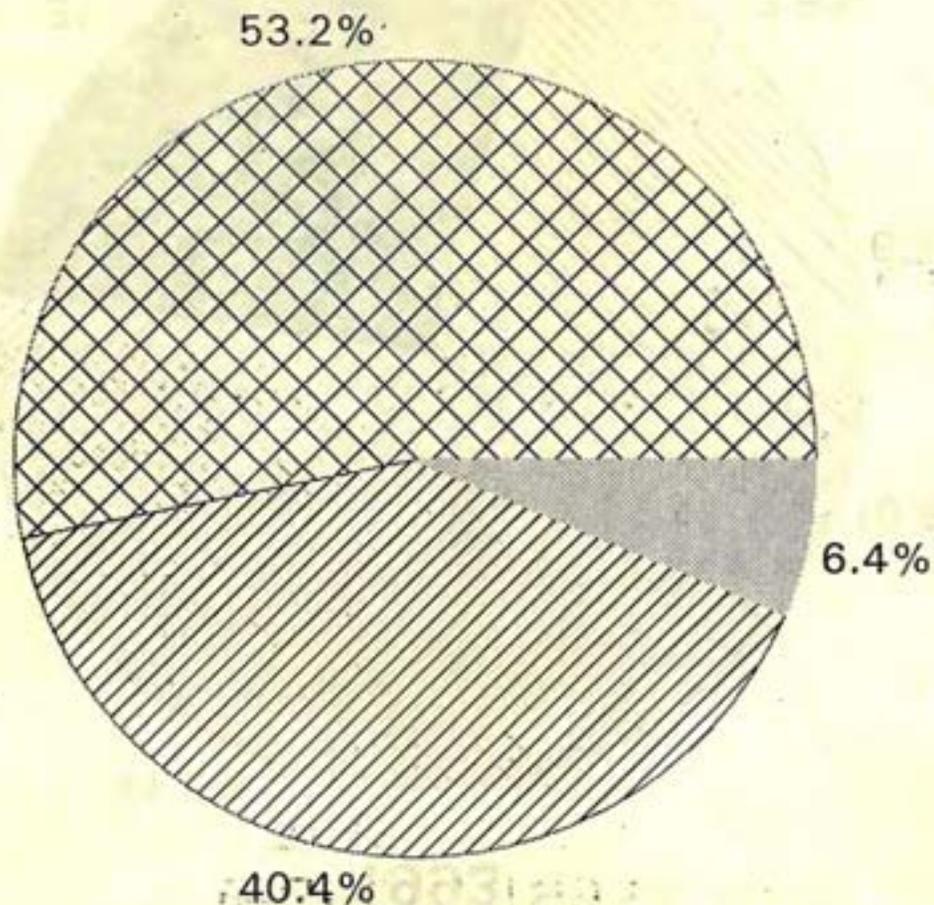


Legend: BLM (diagonal lines), USFS (diagonal lines), NDF (solid black), OTHER STATE (solid grey), BIA (diagonal lines), CANCELLED (diagonal lines)

CREW REQUESTS PROCESSED

Filled by NV units or filled elsewhere

1993



NV UNITS



ELSEWHERE

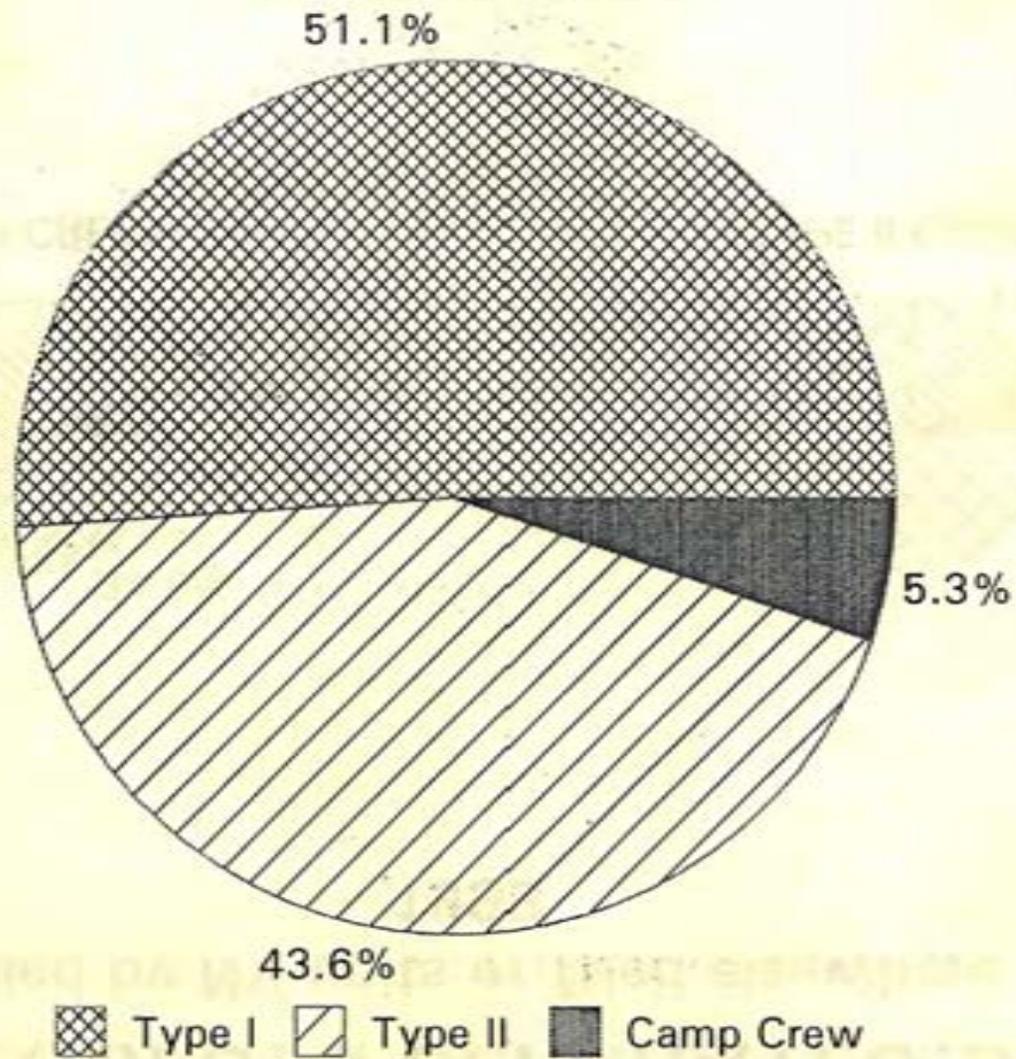


CANCEL OR CAN'T FILL

NOTE: 2 Great Basin Smokejumper Type I crews are included under "Nevada units"

CREW REQUESTS PROCESSED

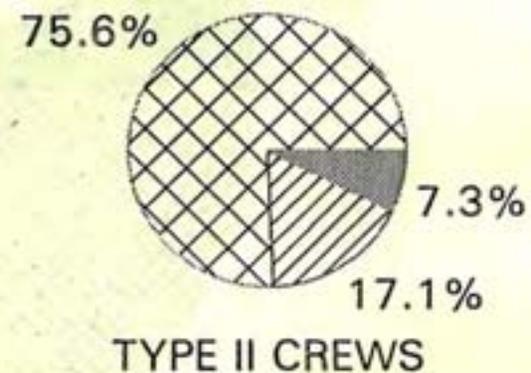
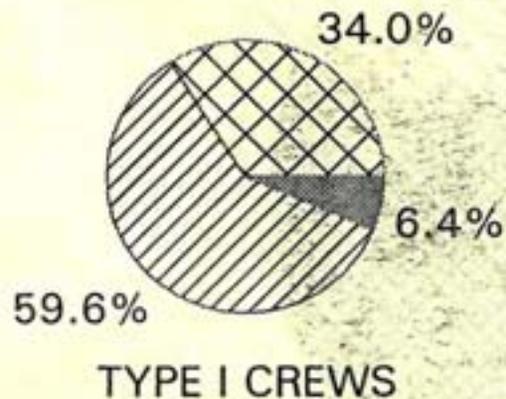
Separated by Type
WGBCC, 1993



CREW REQUESTS SEPARATED BY TYPE

Filled by NV units or filled elsewhere

1993



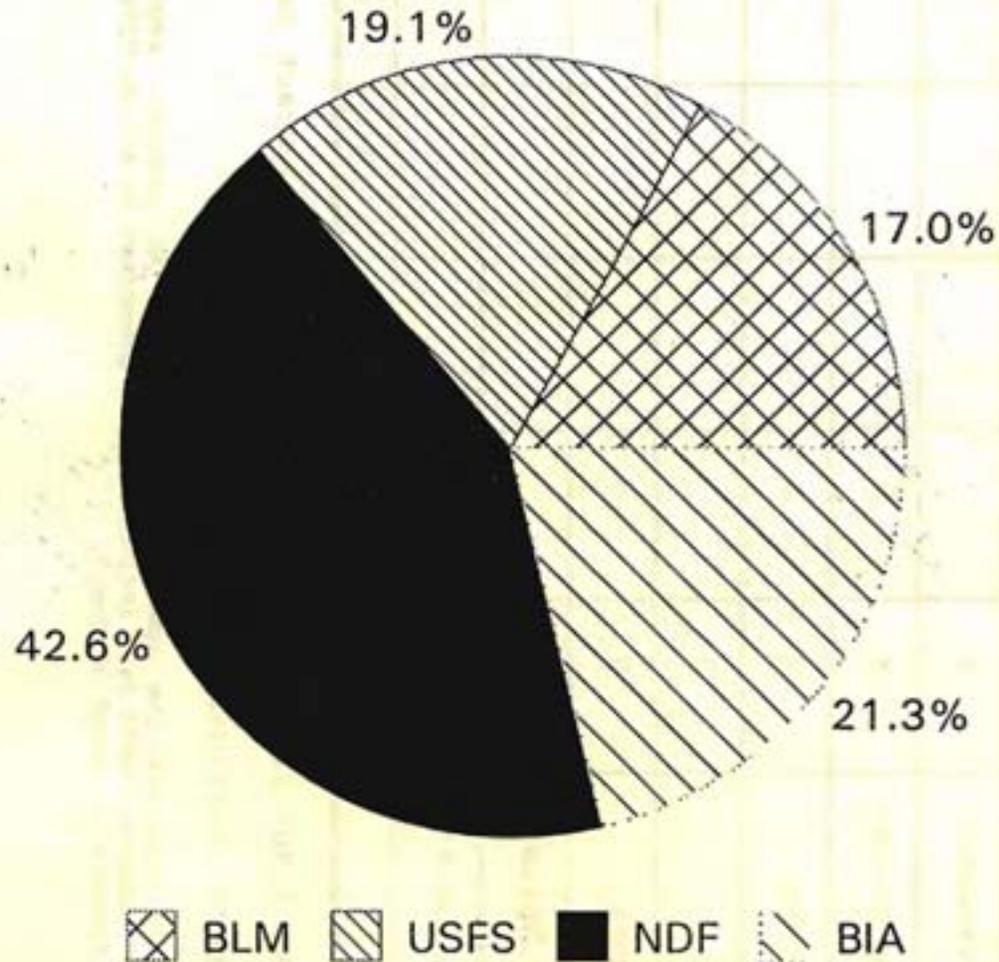
 NV UNITS  ELSEWHERE  CANCEL OR CAN'T FILL

NOTE: 2 Great Basin Smokejumper Type I crews are included under the "NV Units" category

CREW REQUESTS FILLED BY NEVADA AGENCIES

Separated by Agency providing the resource

1993



NOTE: "State" crews include inmate crews and strike teams, and Falcon crews; "BLM" crews include 1 LVD regular crew + 2 jumper crews

EQUIPMENT REQUESTS

TOTAL REQUESTS PROCESSED

SEPARATED BY TYPE, AND AGENCY INITIATING REQUEST

| Equipment Type | BLM | USFS | Other State | NPS | Total |
|----------------|-----|------|-------------|-----|-------|
| Engines | 70 | 19 | 5 | 5 | 99 |
| Water Tenders | 8 | | | | 8 |
| Potable Trucks | 3 | 1 | | | 4 |
| Cache Vans | 9 | 1 | | | 10 |
| Radios | 7 | | | | 7 |
| Caterers* | 5 | | | | 5 |
| Shower Units | 2 | | | | 2 |
| Misc. Other** | 5 | | | | 5 |
| Total | 109 | 21 | 5 | 5 | 140 |

*Includes 2 NDF field kitchens and 3 National contract caterers

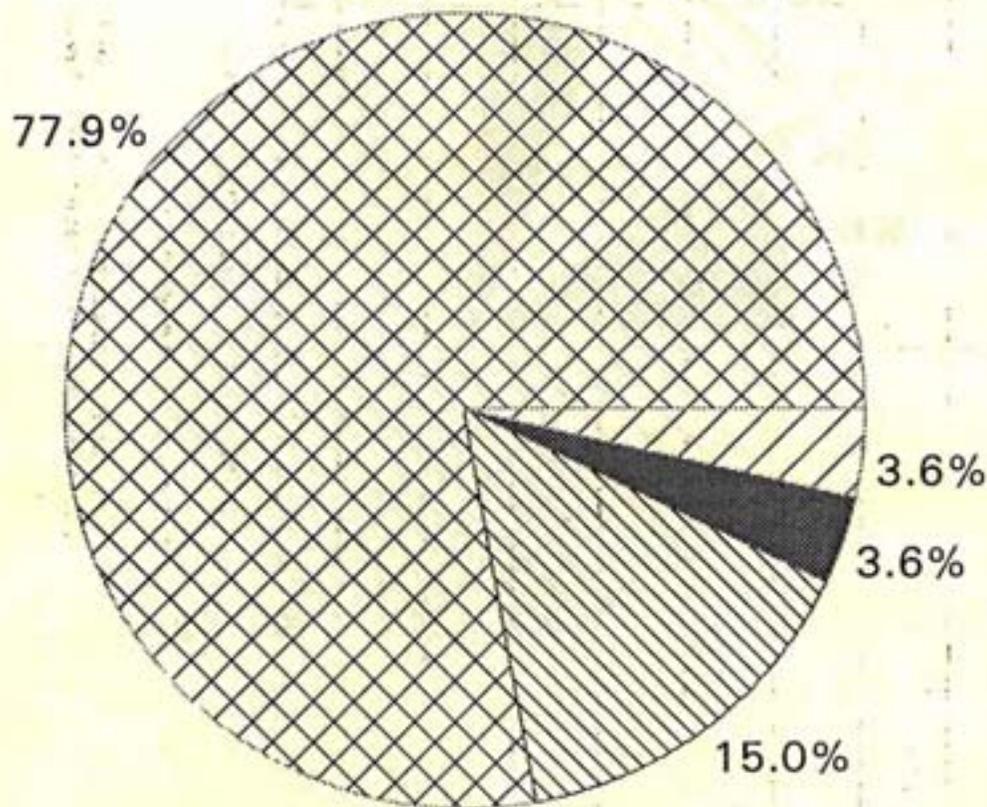
**Dumpsters, refrigerator trucks, tractors

NOTE: Data indicate the agency that initiated the request, regardless of location. Example: USFS data includes orders generated by Nevada USFS units and National Forests in other states.

EQUIPMENT REQUESTS INITIATED

Separated by Agency generating request

1993

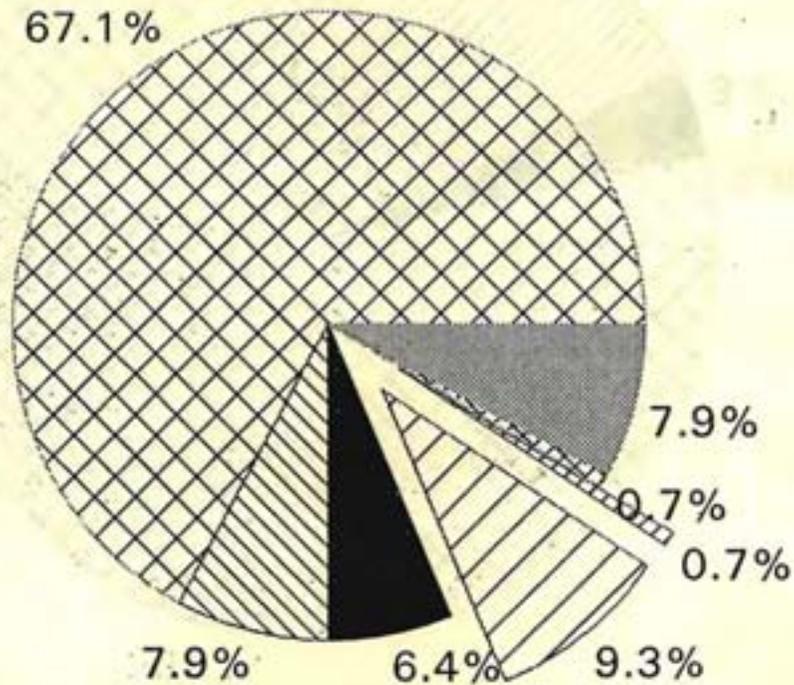


Legend: BLM USFS OTHER STATE NPS

Neither NDF nor BIA generated any Equipment orders in 1993

EQUIPMENT REQUESTS FILLED

Separated by Agency providing the resource
1993



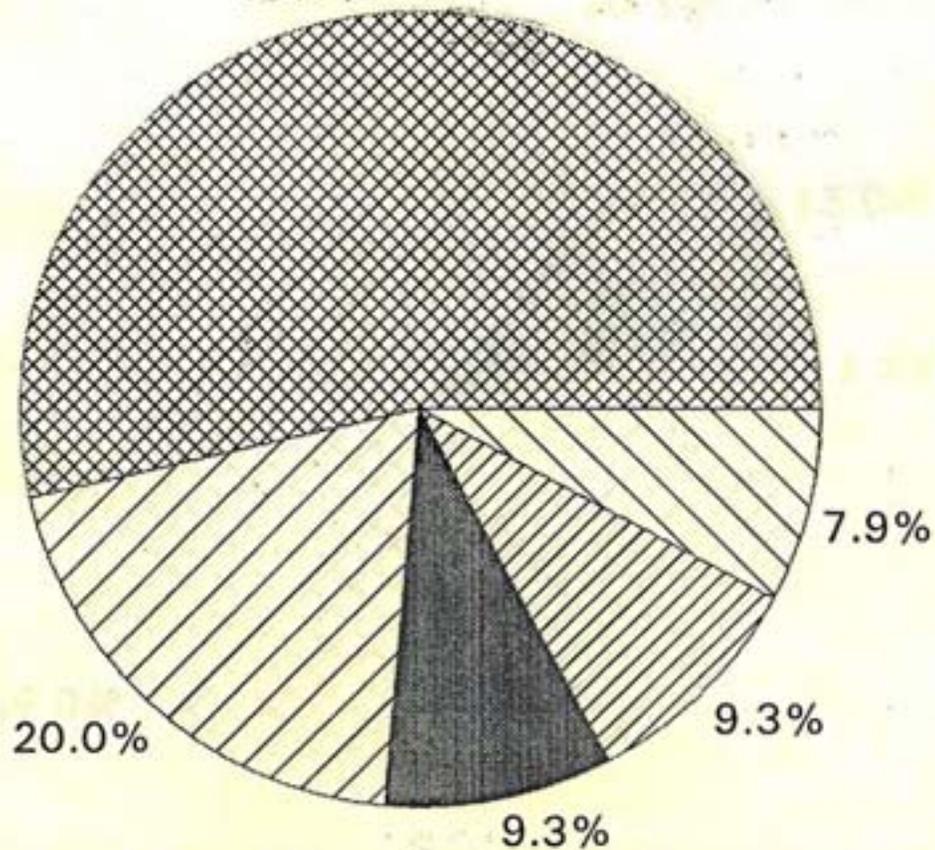
Legend: BLM USFS NDF PRIVATE NPS BIA CANCELLED

EQUIPMENT REQUESTS PROCESSED

Filled by Nevada units or filled elsewhere

WGBCC, 1993

53.6%

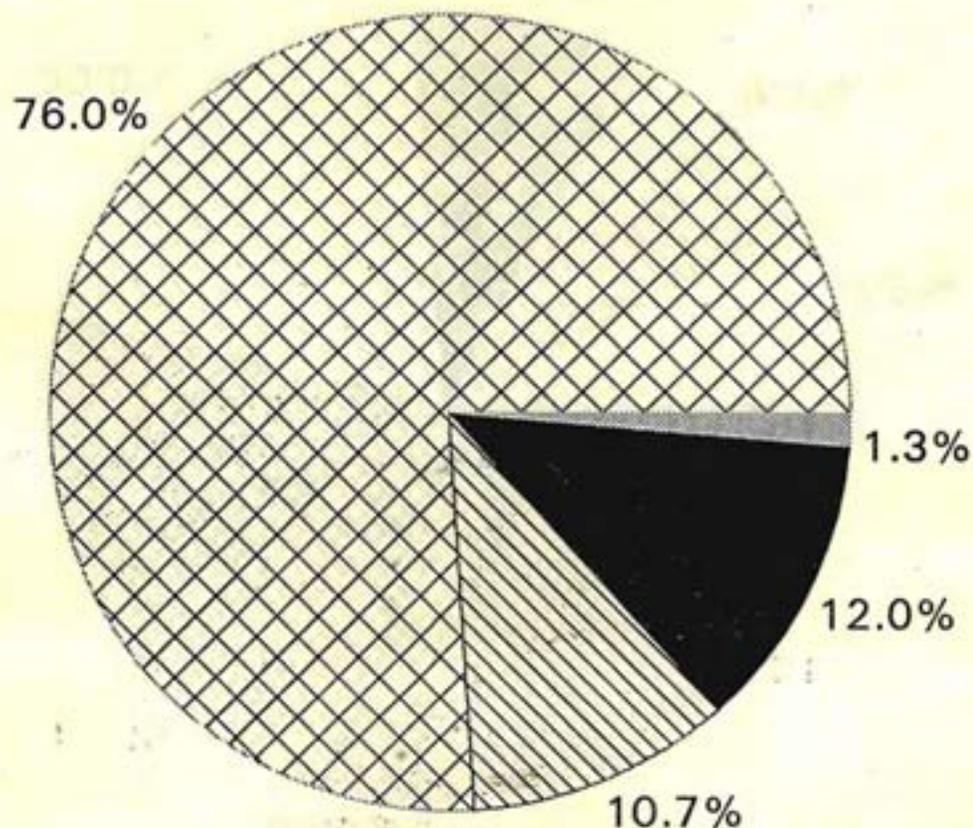


- NEVADA AGENCIES
- ELSEWHERE
- PRIVATE VENDORS
- NIFC
- CANCELLED

EQUIPMENT REQUESTS FILLED BY NEVADA AGENCIES

(53.6% of Equipment requests filled thru WGBCC)

1993



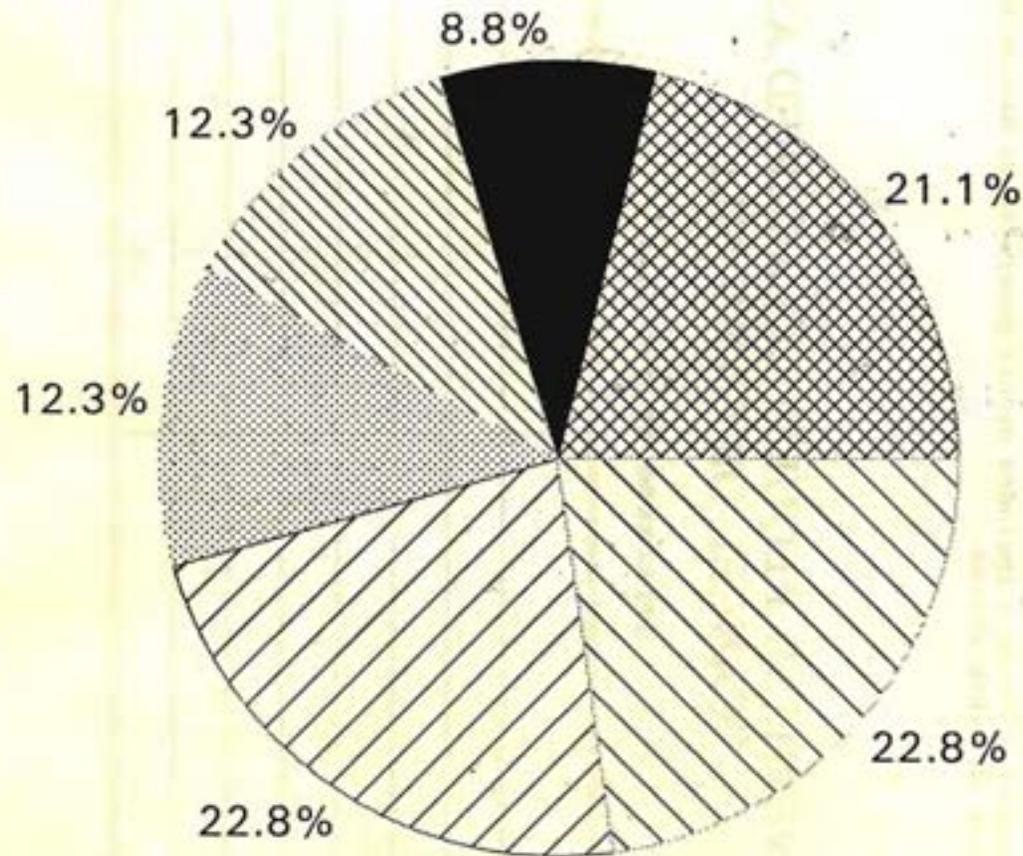
☒ BLM ☒ USFS ■ NDF ■ BIA

NOTE: Equipment requests are all for engines and water tenders, except for 1 LVD cache van and 2 NDF field kitchens

EQUIPMENT REQUESTS FILLED

By Nevada BLM Districts

1993



Legend: EKD (cross-hatch), WID (solid black), CCD (diagonal lines), ELD (dotted), LVD (diagonal lines), BMD (diagonal lines)

NOTE: All requests involved engines or water tenders, except for 1 LVD cache van request

OVERHEAD REQUESTS

TOTAL REQUESTS PROCESSED

SEPARATED BY AGENCY INITIATING REQUEST

| Resource Type | BLM | USFS | NDF | Other State | NPS | Total |
|---------------|-----|------|-----|-------------|-----|-------|
| Overhead | 181 | 75 | 1 | 17 | 1 | 275 |

NOTE: Data indicate the agency that initiated the request, regardless of location. Example: USFS data includes orders generated by Nevada USFS units and National Forests in other states.

OVERHEAD REQUESTS CLASSIFIED AS "CANCEL OR CAN'T FILL"

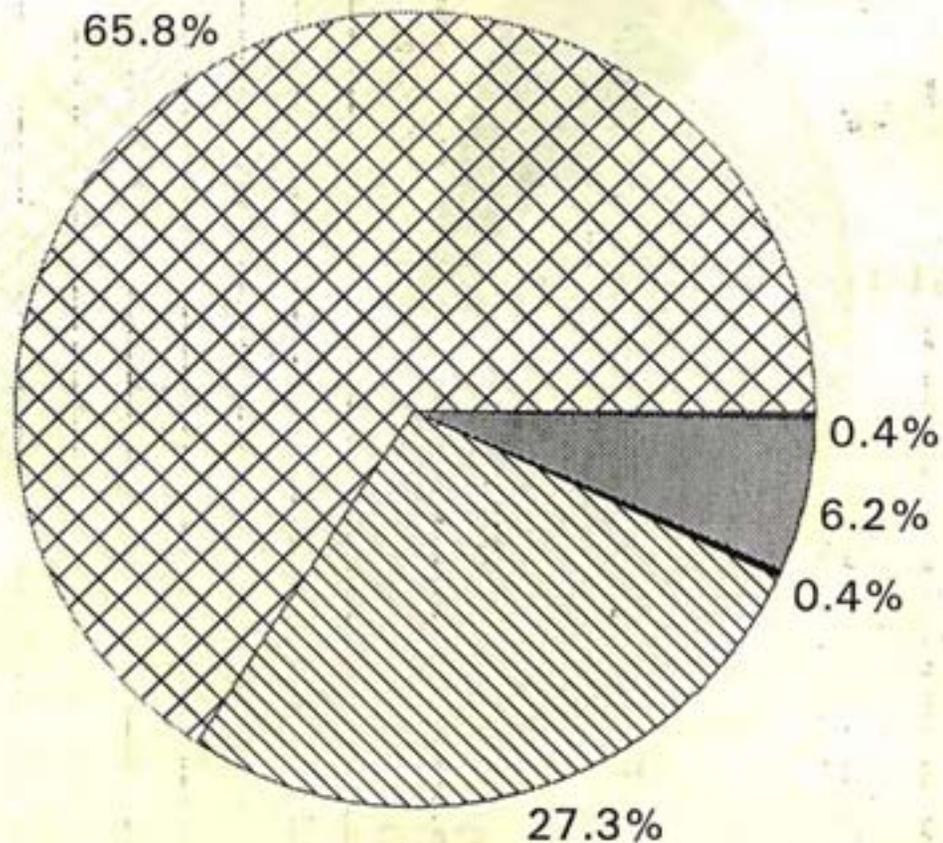
Separated by Function

| FUNCTION | NUMBER OF REQUESTS |
|------------|--------------------|
| Operations | 11 |
| Logistics | 6 |
| Planning | 5 |
| Dispatch | 3 |
| Finance | 2 |
| Command | 1 |
| Total | 28 |

OVERHEAD REQUESTS INITIATED

Separated by Agency generating request

1993



☒ BLM - 65.8%

▨ USFS - 27.3%

■ NDF - 0.4%

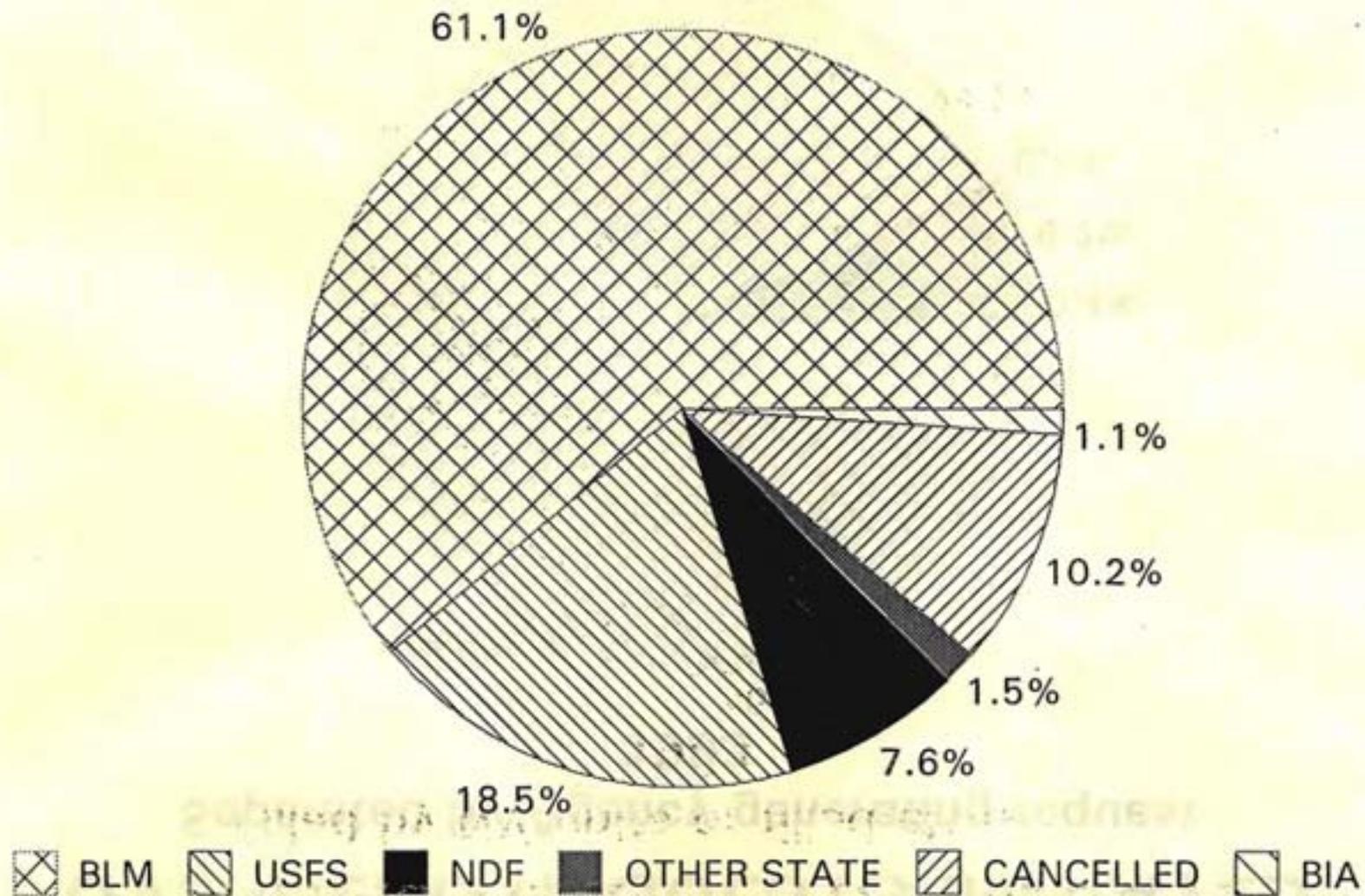
■ OTHER STATE - 6.2%

■ NPS - 0.4%

OVERHEAD REQUESTS FILLED

Separated by Agency providing the resource

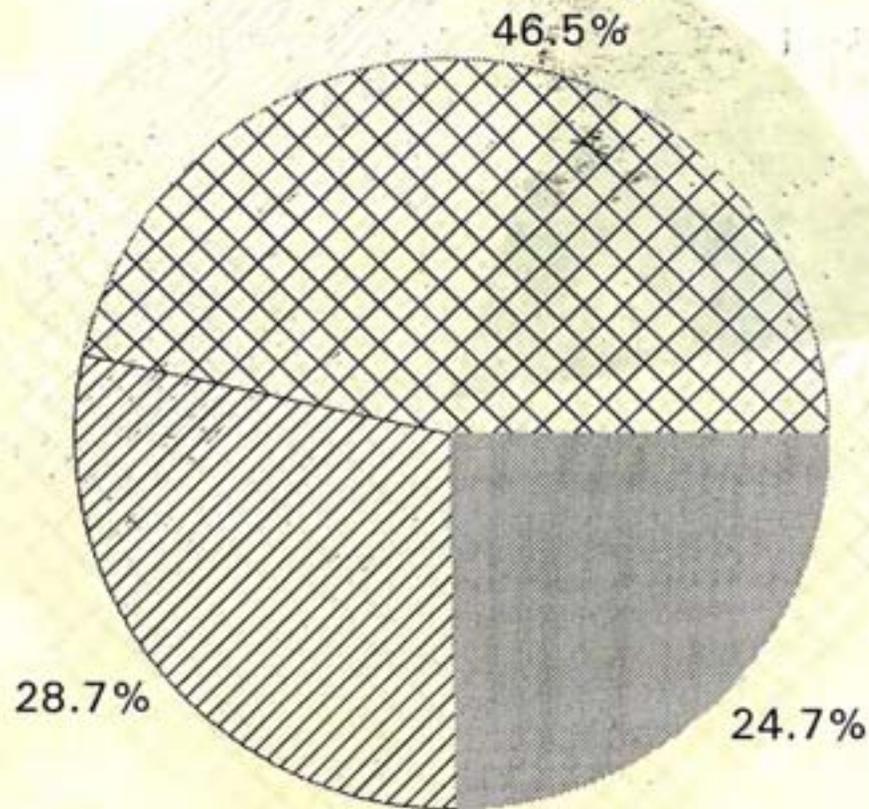
1993



OVERHEAD REQUESTS PROCESSED

Filled by NV units or filled elsewhere

1993



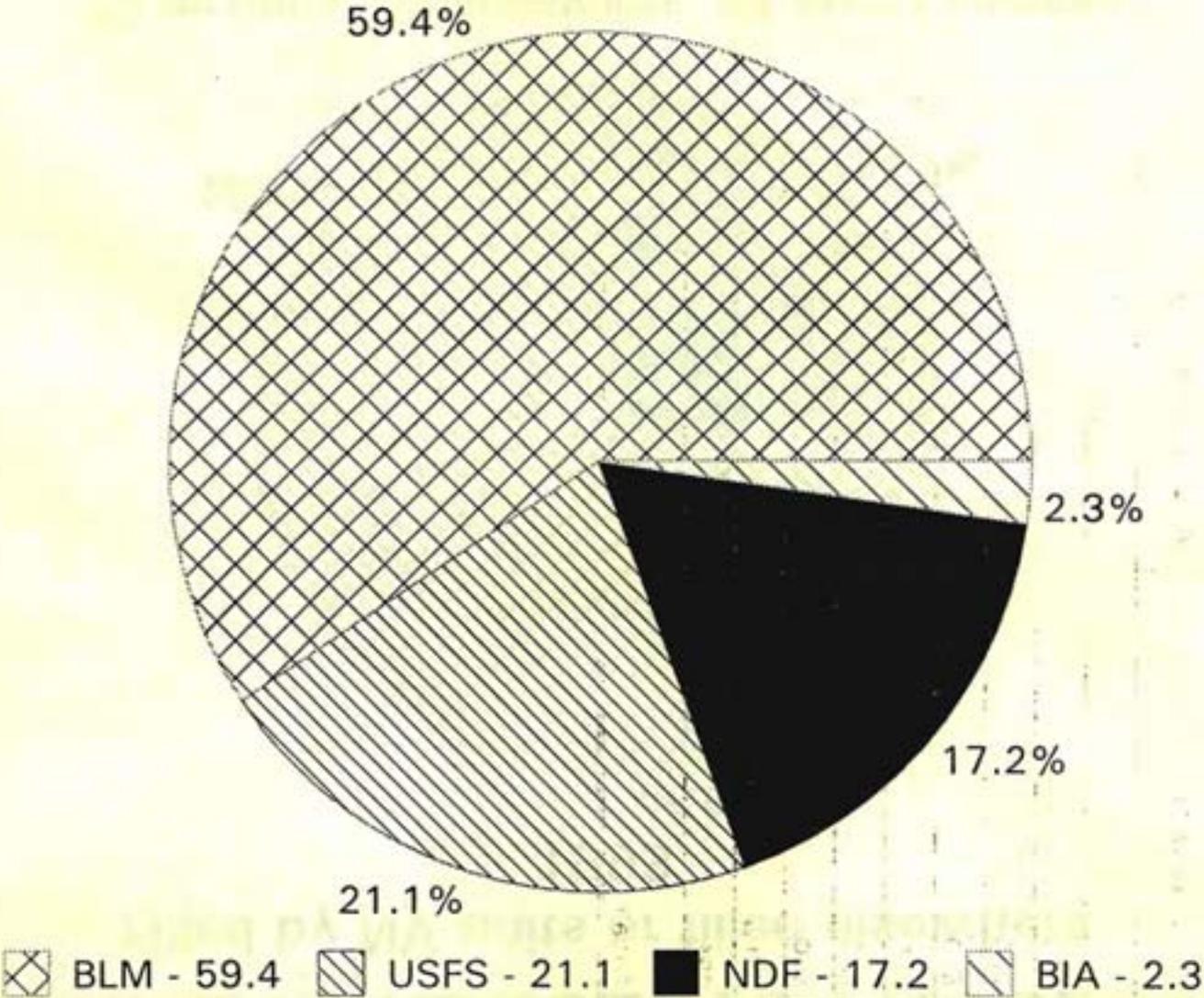
☒ NV UNITS ☒ ELSEWHERE ■ SMOKEJUMPERS

NOTE: "Filled elsewhere" includes orders that were filled by agencies in other states, PLUS orders categorized as "cancelled or can't fill"

OVERHEAD REQUESTS FILLED BY NEVADA AGENCIES

(46.5% of Overhead requests filled thru WGBCC)

1993



SUPPLY ORDERS

SEPARATED BY BLM DISTRICT OR AGENCY GENERATING THE ORDER

| UNIT/AGENCY | NUMBER OF ORDERS |
|-------------|------------------|
| EKD | 2 |
| WID | 7 |
| CCD | 10 |
| ELD | 7 |
| LVD | 35 |
| BMD | 0 |
| NSO | 9 |
| USFS | 2 |
| NPS | 1 |
| Total | 73 |

10-24-1982