

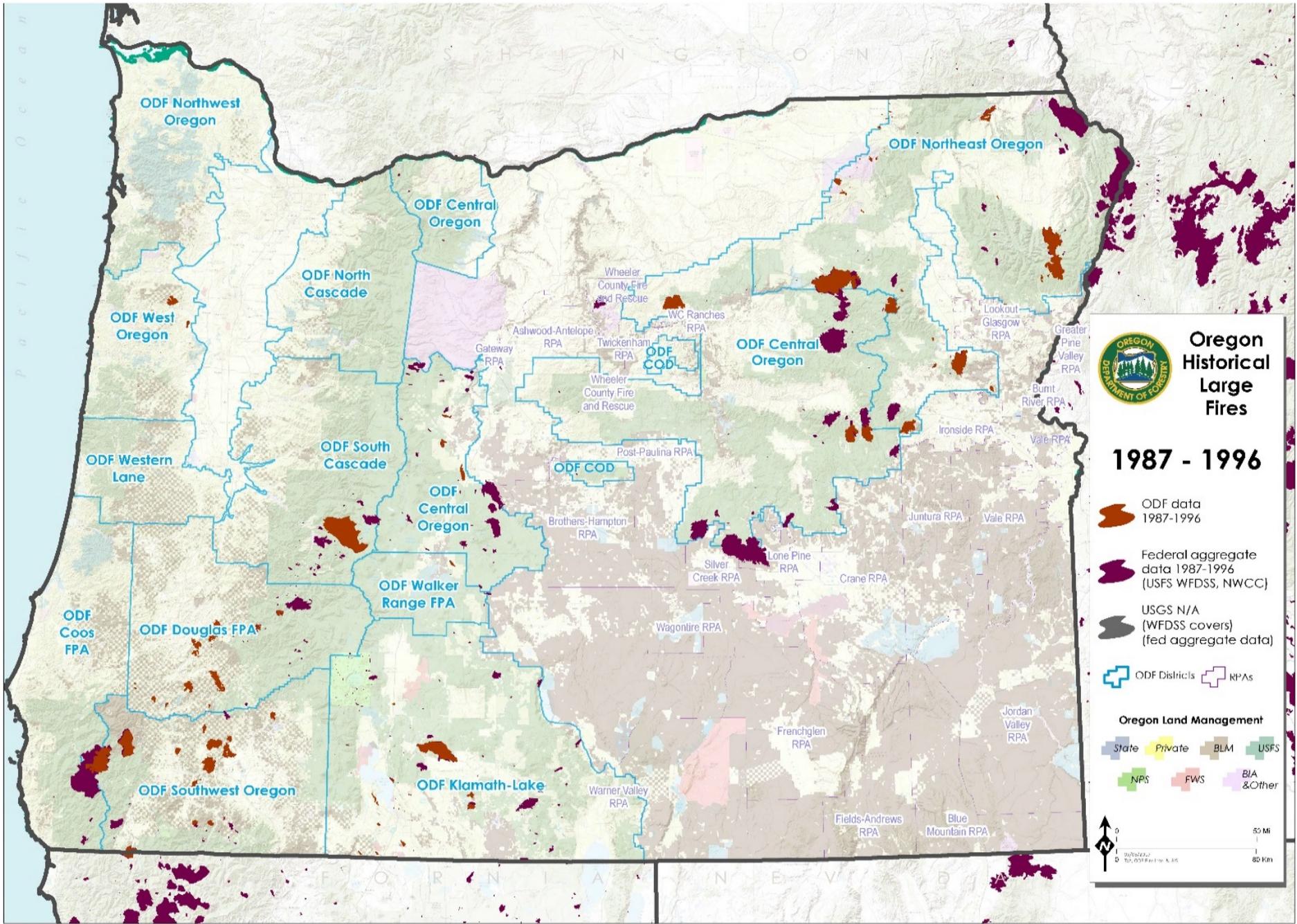
Oregon Board of Forestry



“Fire Program Review
and
“Secretary of State Audit”

April 26, 2017

Presented by
Doug Grafe – Chief, Fire Protection
Oregon Department of Forestry



Oregon Historical Large Fires

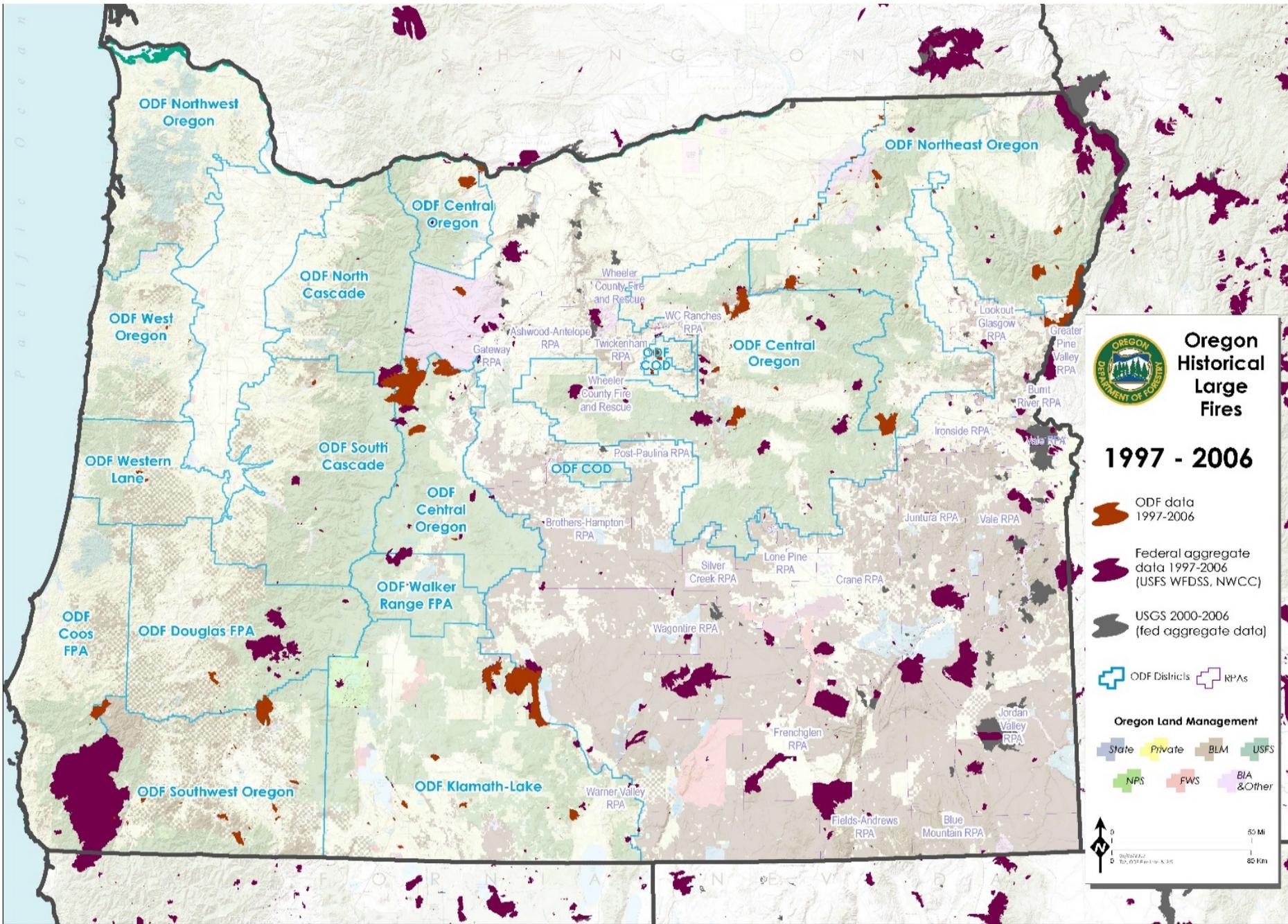
1987 - 1996

- ODF data 1987-1996
- Federal aggregate data 1987-1996 (USFS WFDSS, NWCC)
- USGS N/A (WFDSS covers) (fed aggregate data)
- ODF Districts
- RPAs

Oregon Land Management

- State
- Private
- BLM
- USFS
- NPS
- FWS
- BIA & Other





Oregon Historical Large Fires

1997 - 2006

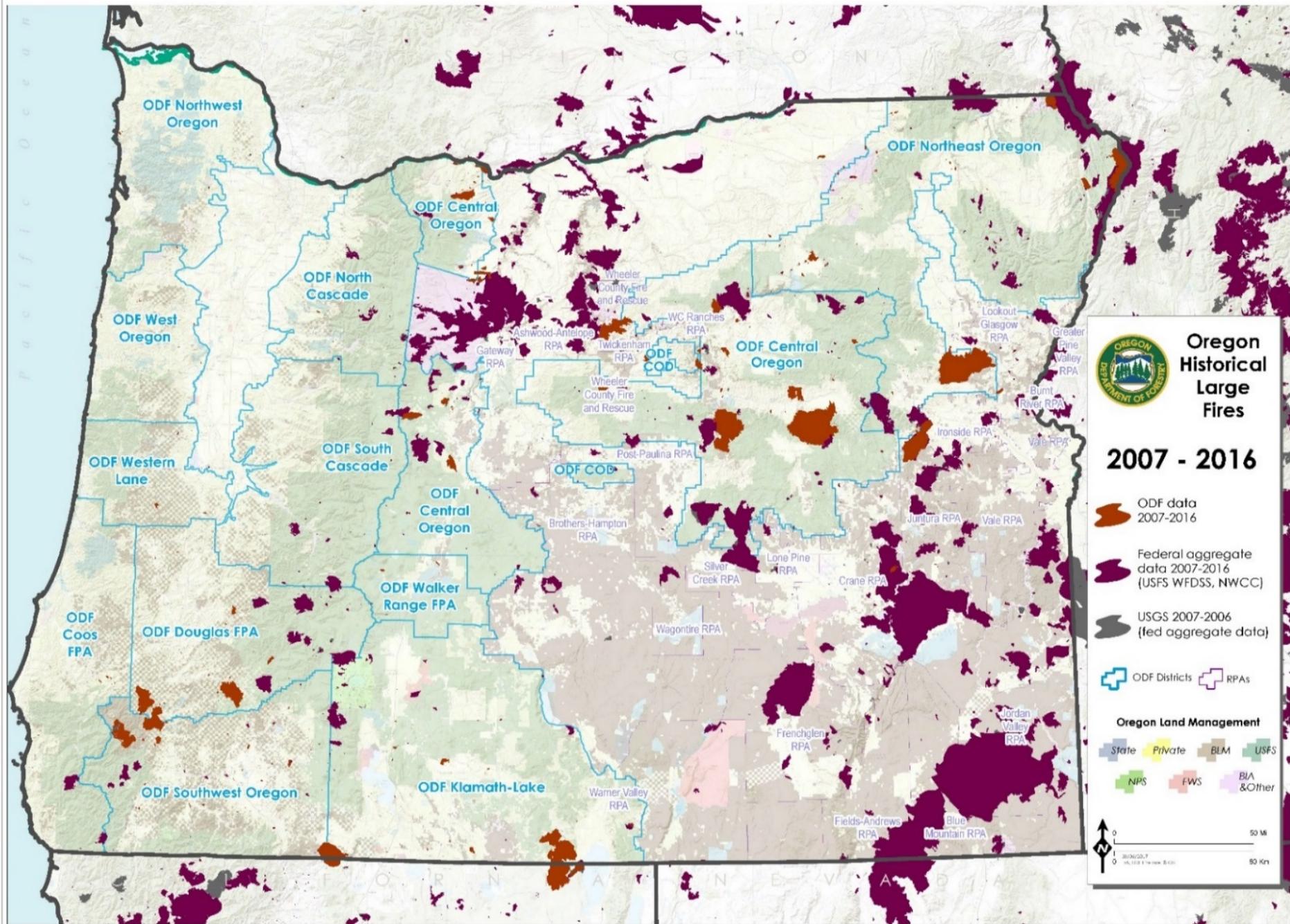
- ODF data 1997-2006
- Federal aggregate data 1997-2006 (USFS WFDSS, NWCC)
- USGS 2000-2006 (fed aggregate data)

ODF Districts RPA's

Oregon Land Management

- State
- Private
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- USFS
- NPS
- FWS
- BIA & Other





Oregon Historical Large Fires

2007 - 2016

- ODF data 2007-2016
- Federal aggregate data 2007-2016 (USFS WFDSS, NWCC)
- USGS 2007-2006 (fed aggregate data)

- ODF Districts
- RPA

Oregon Land Management

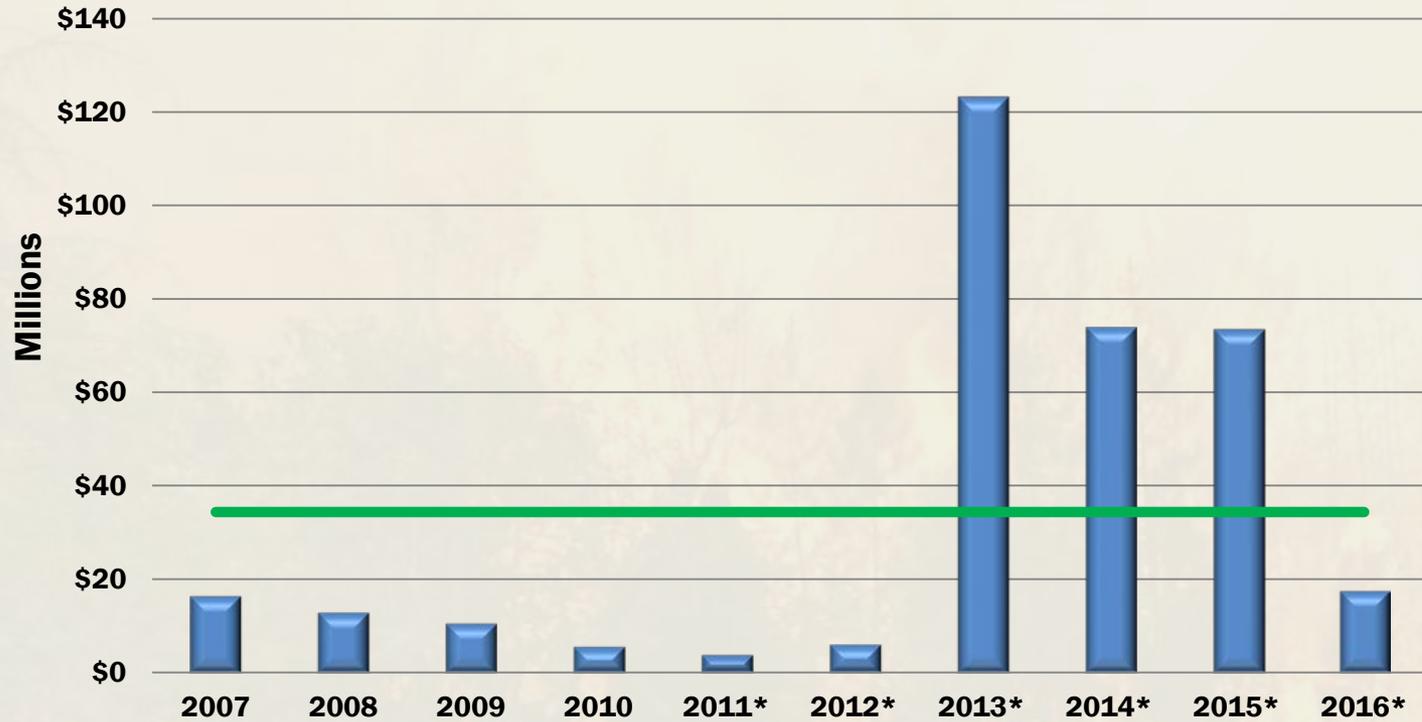
- State
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Large fire costs

**Actual Gross Costs. Values are by Calendar Year.
10-Yr Average 2007-2016: \$34.3M**



*includes draft claims figures

Fire Program Review Recommendations



Sustainable Large Wildfire Funding

- Trust Fund
- Catastrophic Fire Insurance Policy
- Bureau of Land Management Protection Study

Sustainable Wildfire Organization

- Severity
- Improvements to the Complete and Coordinated Wildfire Protection System

Wildfire Policy

- Landscape Resiliency and Fuels Management
- Smoke Management and Prescribed Burning
- Rangelands
- The Wildland/Urban Interface

Secretary of State Audit Recommendations



- Reduce the impacts of fire operations on personnel and programs
- Reduce the threat of wildfire through prevention, detection and mitigation strategies

100+ Year Fire History



Protected Acres Burned

400,000

350,000

300,000

250,000

200,000

150,000

100,000

50,000

0



ODF Fire History 1911-2015

Data from 1911-1998: Wolf, Gibson Archives
Data from 1999-2015: ODF FireDB
Other Large Fire Information: NIFC
PDO and Drought Data from: ODF Meteorology/Smoke Mgmt

- Acres Burned
- Acres Burned - Drought Year
- Human Fires
- Lightning Fires
- 30 Yr Moving Trend - Acres Burned
- 30 Yr Moving Trend - Number of Fires

Number of Fires

2,000

1,800

1,600

1,400

1,200

1,000

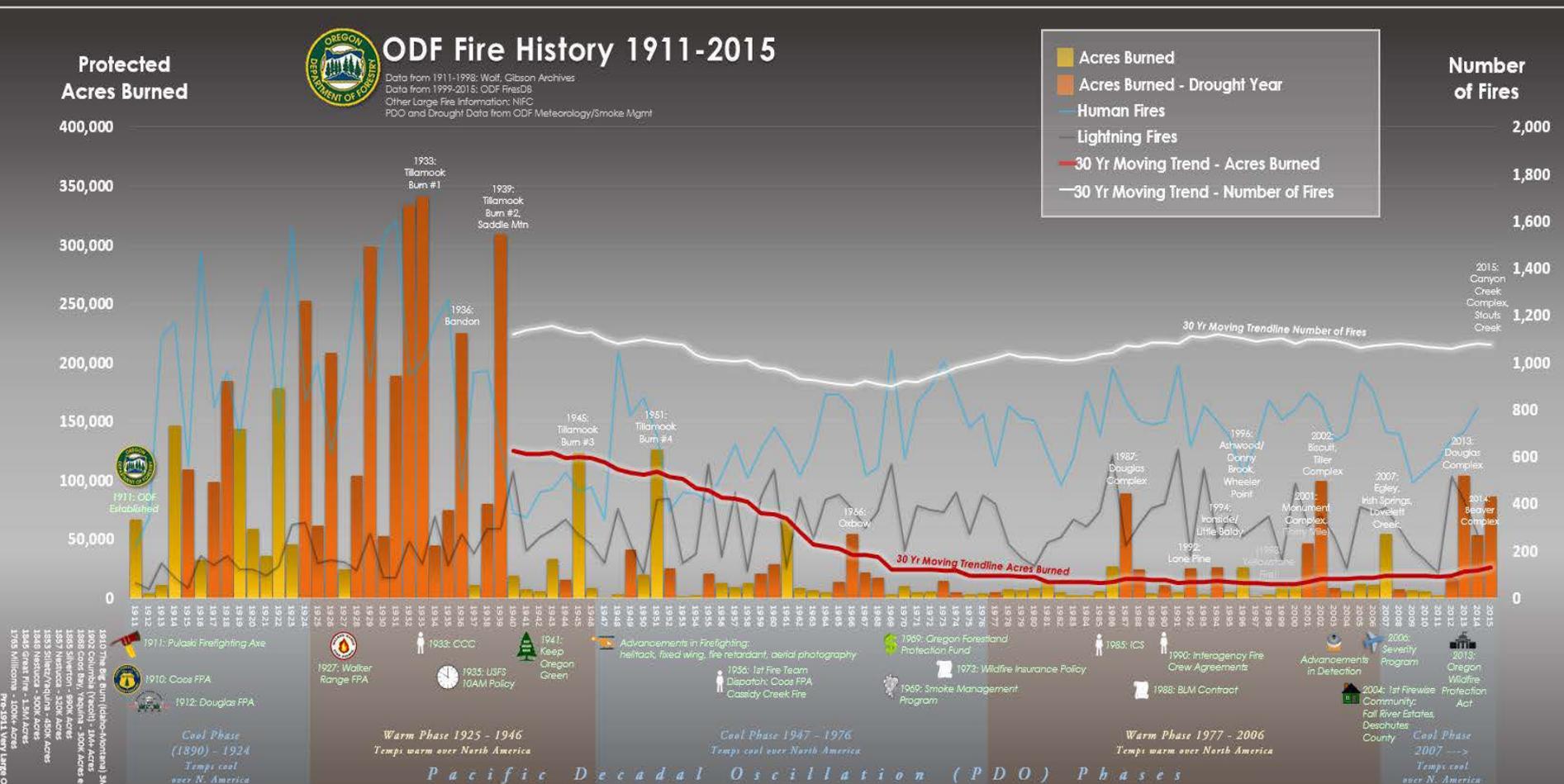
800

600

400

200

0



1911: ODF Established
1911: Pulaski Firefighting Axe
1910: Coos FPA
1912: Douglas FPA
1927: Walker Range FPA
1925: USFS 10AM Policy
1933: COC
1941: Keep Oregon Green
1945: Tillamook Bum #3
1946: Advances in Firefighting: heliack, fixed wing, fire retardant, aerial photography
1954: 1st Fire Team Dispatch: Coos FPA, Cassidy Creek Fire
1956: Oxbow
1959: Oregon Forestland Protection Fund
1969: Smoke Management Program
1973: Wildfire Insurance Policy
1985: ICS
1988: BLM Contract
1987: Douglas Complex
1994: Koroisaki/Little Soley
1996: Ashwood/Dority Brook/Wheeler Point
1999: Lone Pine
2001: Monument Complex, Tully Fire
2002: Biscuit, Tiller Complex
2004: Advances in Detection
2007: Eglee, Irish Springs, Lovellett Creek
2008: Severity Program
2013: Douglas Complex
2014: Beaver Complex

Drought determination is based on Palmer Hydrological Drought index of 2.0 (moderate drought) or greater in 3 or more of 9 Oregon sub-regions in any given year. Fire data shown are ODF-Protected Acres Burned from Statistical fires where ODF was the primary protection agency. Historical large Oregon fire names are shown for context above the year of occurrence. PDO: During a warm or "positive", phase, the west Pacific Ocean becomes cooler and part of the eastern ocean warms; temperatures warm over North America. During a cool or "negative" phase, the west Pacific Ocean becomes warmer and part of the eastern ocean cools; temperatures cool over North America.



THANK YOU QUESTIONS?

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