



# **Private Forests Monitoring Unit: Compliance Audit**

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# Outline – Compliance Audit



- **Introduction**
- **2016 report**
- **Next steps:**
  - **2017 work**
  - **Complete the contract**
  - **New implementation study: reforestation**



# FPA Compliance Audit

- **Goal: Determine state-wide FPA compliance**
- **Objectives:**
  - **Statistically-valid sampling**
  - **Compliance rates:**
    - **For industrial/non-industrial/other ownership**
    - **By Area (NWO/SOA/EOA)**



# Monitoring of compliance with FPA standards - ongoing study 2013 - 2018: 57 specific rules in 6 rule divisions.



# ***RULE DIVISIONS ON THE LANDSCAPE***



**DIVISION 630 – The Harvested Area**

**DIVISION 640 – The RMA**

**DIVISION 625**

**–**

**The Roads**



## Division 655 Water Protection Rules: Protection Measures for “Other Wetlands, Seeps and Springs”



## Division 660 Water Protection Rules for Operations near Waters of the State



# External Review Team



**Perspectives represented**

**Purpose: provide technical advice**

**Work completed in 2017, input on:**

- **Team charter**
- **Select rule for closer examination**
- **Outreach and education plan**
- **2016 annual report**
- **Next phase of compliance audit**

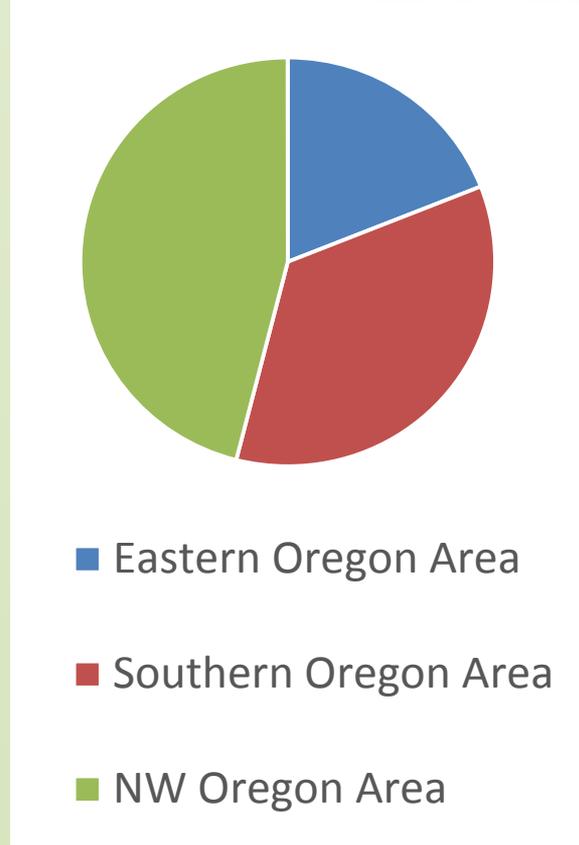
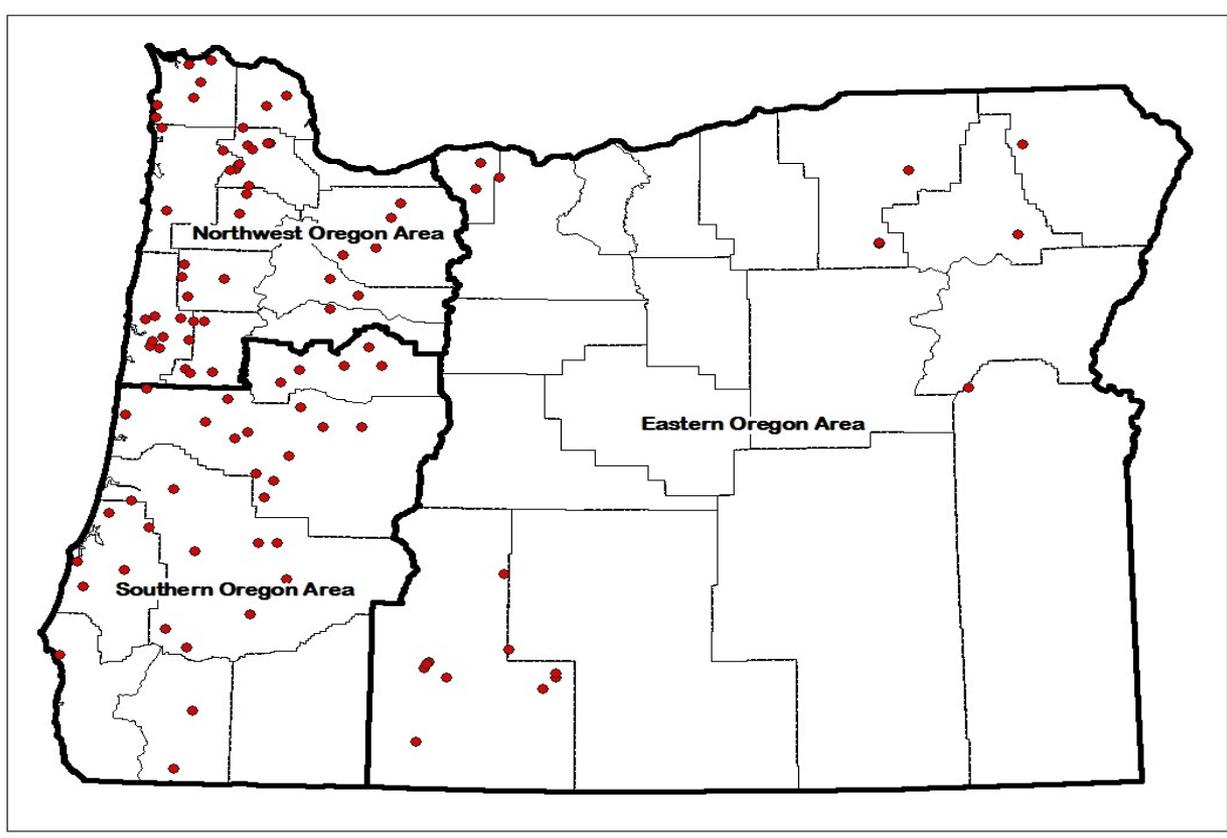
# *Landowner Permissions is a “Big Lift”*



Oregon folks don't take forests for granted .

# 2016 Compliance Audit





**2016: 100 sites statewide, stratified based on ODF Area, Ownership Class**



**2016: 24,838 sample points on 100 sites.**

**Non-Compliance means:**

- a) Rule was pertinent,**
- b) Rule not followed, and**
- c) Sediment deposition to waters observed**





**2016 Results**  
**100 sites, 57 rules**  
**Overall compliance: 97 %**

| <b><u>AREA</u></b>           | <b><u>COMPLIANCE</u></b> |
|------------------------------|--------------------------|
| Eastern Oregon               | 96%                      |
| Northwest Oregon             | 98%                      |
| Southern Oregon              | 97%                      |
| <b><u>LANDOWNER TYPE</u></b> |                          |
| Private Non-Industrial       | 96%                      |
| Private Industrial           | 98%                      |
| Other                        | 97%                      |

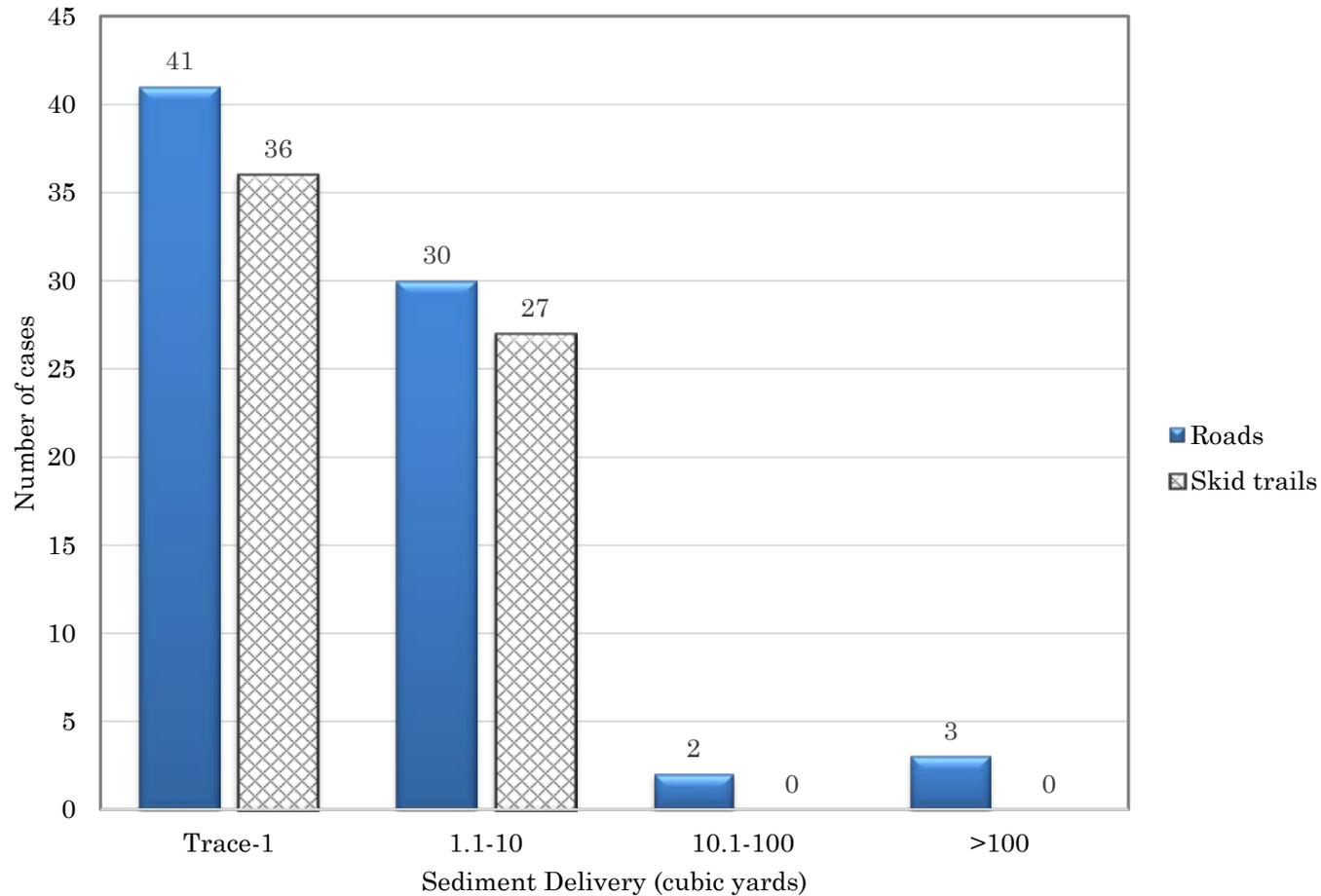


# Compliance rates

- For ODF Areas, similar rates in 2013, 2014, and 2016 (96-98%)
- By ownership, similar rates in 2013, 2014, and 2016 (94-98%)
- By Rule Division:

| Rule Division | Description                         | 2013 | 2014 | 2016 |
|---------------|-------------------------------------|------|------|------|
| Several       | Written plans                       | 75%  | 83%  | 92%  |
| 625           | Road Construction and Maintenance   | 97%  | 98%  | 98%  |
| 630           | Harvesting                          | 95%  | 93%  | 96%  |
| 640           | Vegetation Retention Along Streams  | 98%  | 99%  | 99%  |
| 655           | Protection for Other Wetlands       | 72%  | 83%  | 98%  |
| 660           | Operations Near Waters of the State | 99%  | 98%  | 99%  |

# Sediment delivery by source



# Needs attention



- **Small water bodies:**
  - **Small Type N: 71% of instances of sediment delivery**
  - **Small wetlands: improvements over time (72%, 83%, 98%)**
- **Properly removing temporary stream crossings**
- **Treating skid trails (BMPs)**
- **Road drainage & filtration near stream crossings**

# Needs attention (cont.)



- Road maintenance on steep terrain (landslides)
- Road maintenance: gullies & blocked drains
- Culverts: 50 year flows
- Sediment delivery

# Compliance Audit – Next steps



## 2017

- Contractor nearly done
- 2017 annual report
- Analysis of all contract data (2013-2017)

## Outreach and education plan

## 2018 and beyond

Small addition – reforestation rules (Division 610)

# Compliance Audit: Values Created



- **Focused training (internally and externally)**
- **Key Performance Measure for legislature**
- **Forest certification process**
  - **Useful for periodic review of management measures on timber source lands**

# Questions?



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