

# Midwest Region Forest Development Program

**Partners In Action Conference  
Potawatomi Casino and Hotel**

**Milwaukee, WI**

**July 17-19, 2018**

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- **§ 163.32 Forest development.**

Forest development pertains to forest land management activities undertaken to improve the sustainable productivity of commercial Indian forest land.

The program shall consist of reforestation, timber stand improvement projects, and related investments to enhance productivity of commercial forest land with emphasis on accomplishing on-the-ground projects.

Forest development funds will be used to re-establish, maintain, and/or improve growth of commercial timber species and control stocking levels on commercial forest land.

Forest development activities will be planned and executed using benefit/cost analyses as one of the determinants in establishing priorities for project funding.



# FD Projects

- **3.1 General.** Forest Development (FD) program activities are composed of silvicultural treatments and program support activities. Following is a list of activities included within FD silvicultural treatments, other FD program activities, and FD program support; followed by the activities that are allowed by each funding source.
- **3.2 Silvicultural Treatment Activities.** Site preparation; reforestation; and commercial forest stand improvement (CFSI).
- **A. Site Preparation.** These methods are further divided into: mechanical methods (mechanized and hand treatments); prescribed fire; and chemical methods of site preparation.
- **B. Reforestation.** Developing the reforestation prescription; the many activities surrounding the promotion of natural regeneration includes seed collection, direct seeding, seedling production and care, and tree planting methods; regeneration methods; regeneration evaluation and monitoring, including survey methods; plantation maintenance; and limited access road repair.
- **C. CFSI.** Silvicultural evaluations for; stand selection; project development; the types of projects, e.g., pre-commercial thinning, understory sanitation, prescribed burning, pruning, release cuttings, and fertilization; and the coordination of projects with other facets of the program, e.g., timber sales, fuels management, and other natural resources.

[Forest Development Handbook September 2006idc008870.pdf](#)

[2006 Forest Development Manual Part 53 Chapter 5.pdf](#)



# FD Projects

- **4.3 Methods of Site Preparation.** For the purposes of this handbook, site preparation methods will be grouped into three principle categories: mechanical, prescribed fire, and chemical.
  - 1. Mechanized Site Preparation
  - 2 Hand Site Preparation
  - 3. Prescribed Fire:
- **N. Can hazardous fuels funding be used for treating FD project slash?** It is possible, with some advance planning, to cost-share thinning projects and their resulting slash/fuel treatment with the hazardous fuels reduction programs (both wildland urban interface (WUI) and Non-WUI) that are managed by the BIA National Interagency Fire Center (NIFC). **It should be NOTED that these programs cannot be used exclusively for the treatment of activity fuels.** Activity fuels, in general, are fuels that result from silvicultural or other cultural treatments implemented to improve site productivity and result in the extraction of commercial forest, woodland, or other products and biomass. However, the use of hazardous fuel reduction program funding does not prevent the combining of natural fuels project treatments with treatments for activity fuels when this is a cost efficient and/or biologically sound way of doing business. Refer to *Chapter 6.6C* of this *Handbook Volume* for more information on this.



# Reporting

- Memos for Forestry Reporting typically are sent to the Regions in Late August or early September from Central Office for annual reporting deadlines.
- New for FY 18
  - Second Year for reporting in FIRST
  - New FD Spreadsheets
    - Updated Instructions
    - Formulas are protected
    - All values are reported in lowest value: i.e. Dollars
    - The Accomplishment Spreadsheet has drop down lists for Type and Metrics
  - [Draft Updated 9-28-17 Illustration 1 - FD Planned projects.xls](#)
  - [Draft Updated 10-4-17 Illustration 2a Accomplishment and 2b - Inventory.xls](#)



# Forest Development Program

Planned and Accomplishments & Inventory Spreadsheets are still required, even with the new Reporting Application Forest Information Statistics & Tracking (FIRST).

The new spreadsheets have improved instructions and protected calculations. Also All funding is in actual dollars instead of Thousands of dollars. This will match what is in FIRST, <https://firstapp.bofrp.solutions/Account/Login>

Final Fixes and enhancements for FIRST should be ready by reporting time.

The following slides show FD funding and Carry Over Trends for 2007-2017.



# Forest Development Program

Funding for 2018 has, because of Budget issues, been delayed. We received 19% and another slice to bring us up to 50% of funding in April.

2018 FD Funding Requests and Distributions		
Request	Distribution 1	Distribution 2
\$2,181,023.80	\$361,190.00	



# Forest Development Program

The spreadsheet below is the Commercial Timber sales accomplishments that was created by the region in 2009 . In 2009 Regional FD Addendum was written to address collecting Commercial Timber Sales Activity ([Link](#)). The Addendum serves to clarify the National Handbook on proper use of FD Non-Recurring Funds.

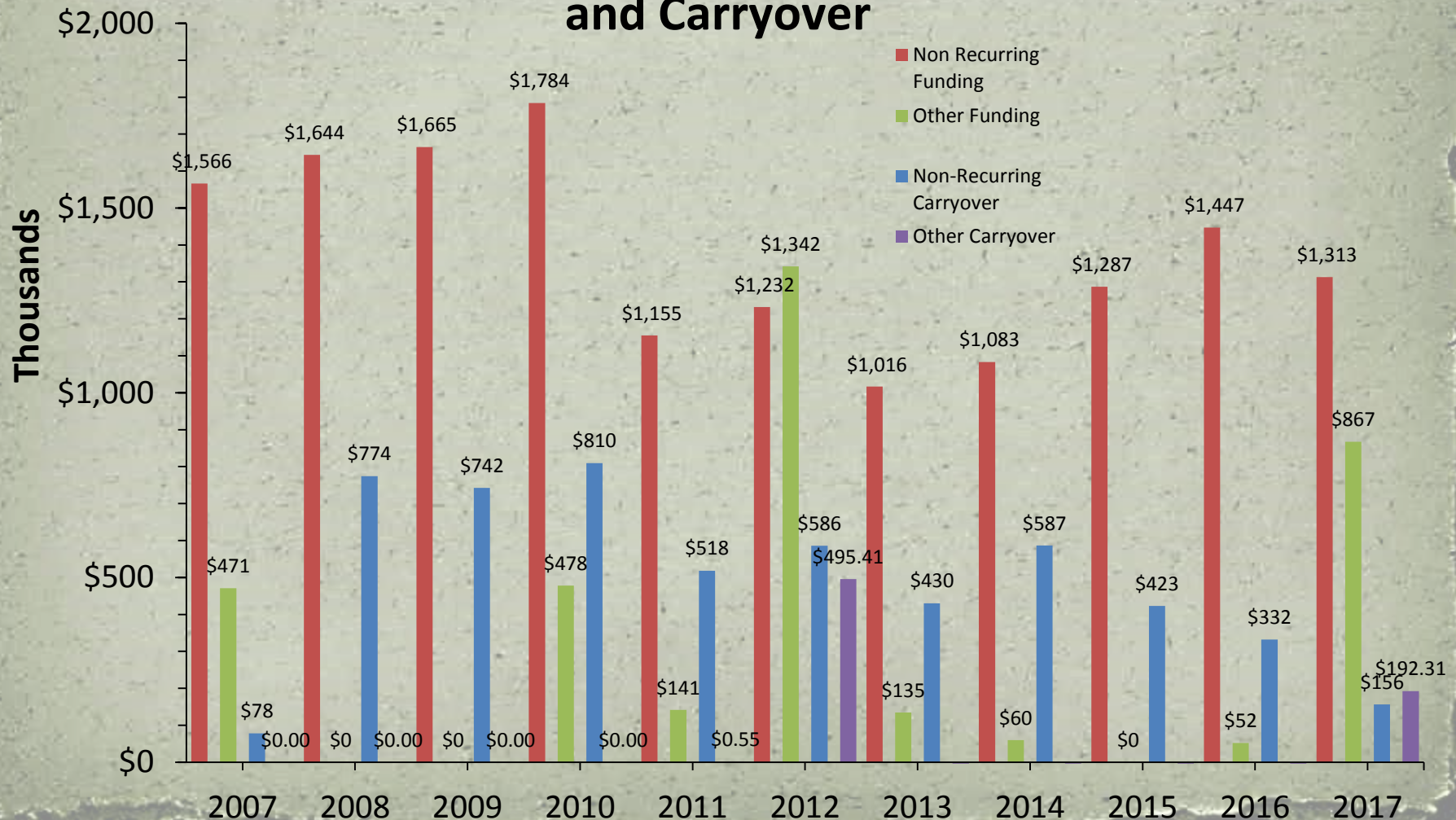
Since 2014 very few Agencies have used this spreadsheet. We will no longer require this information.

[illegible]



# FD Funding Trends

## 2007-2017 Forest Development Non Recurring , Other Funding and Carryover

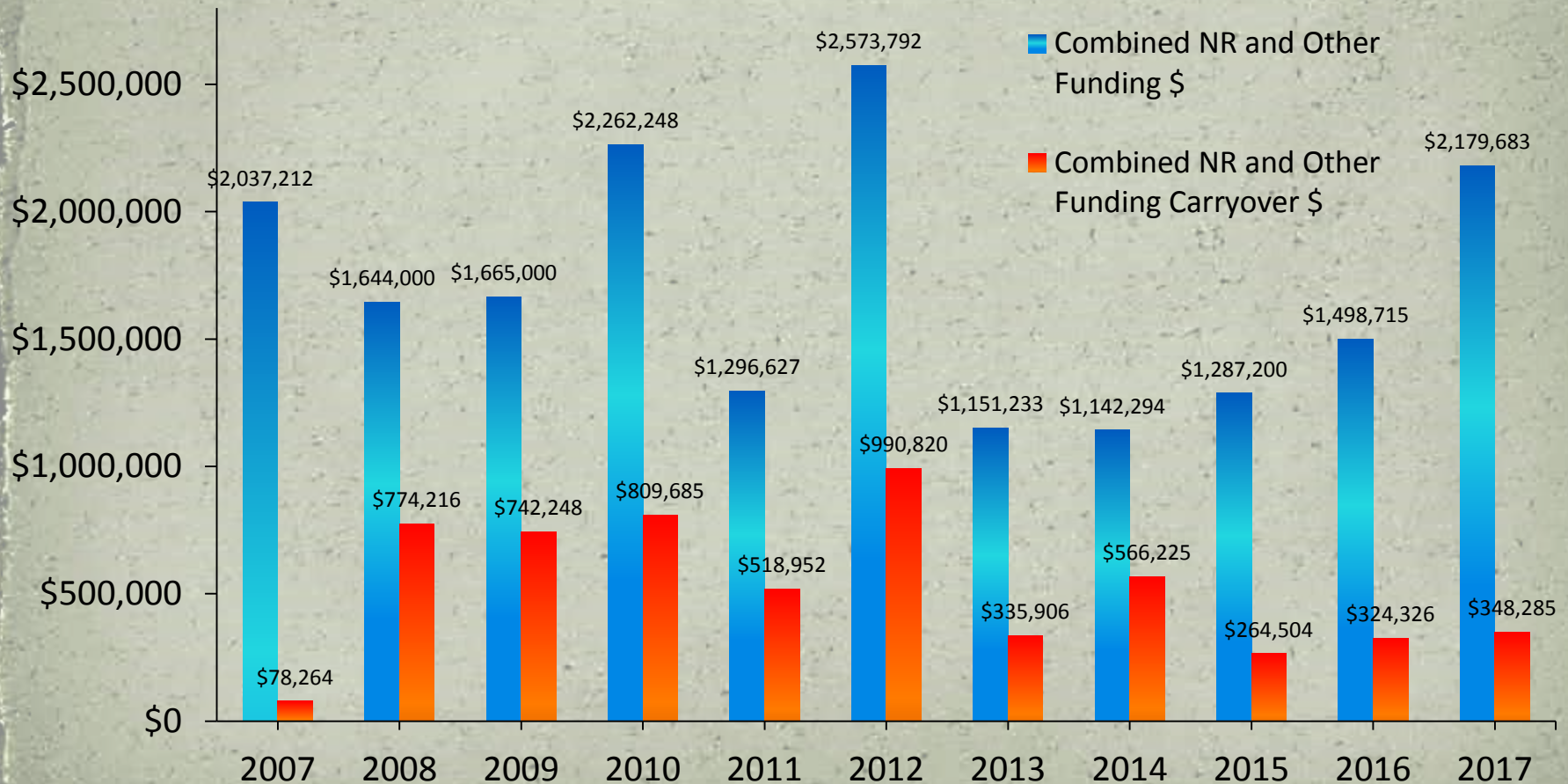




# FD Funding Trends continued

2007-2017

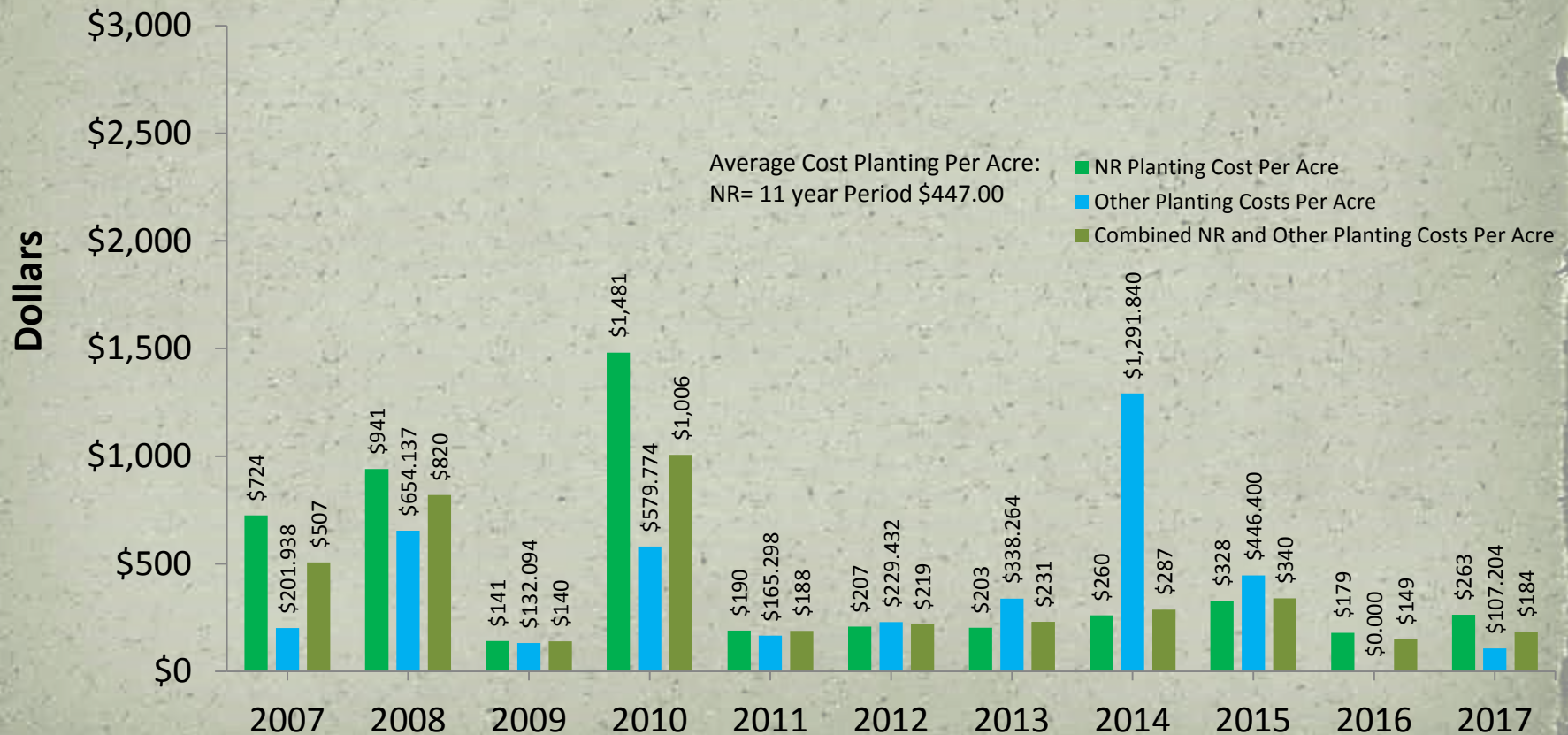
## Combined Forest Development Non-Recurring & Other Funding





# FD Funding Trends continued

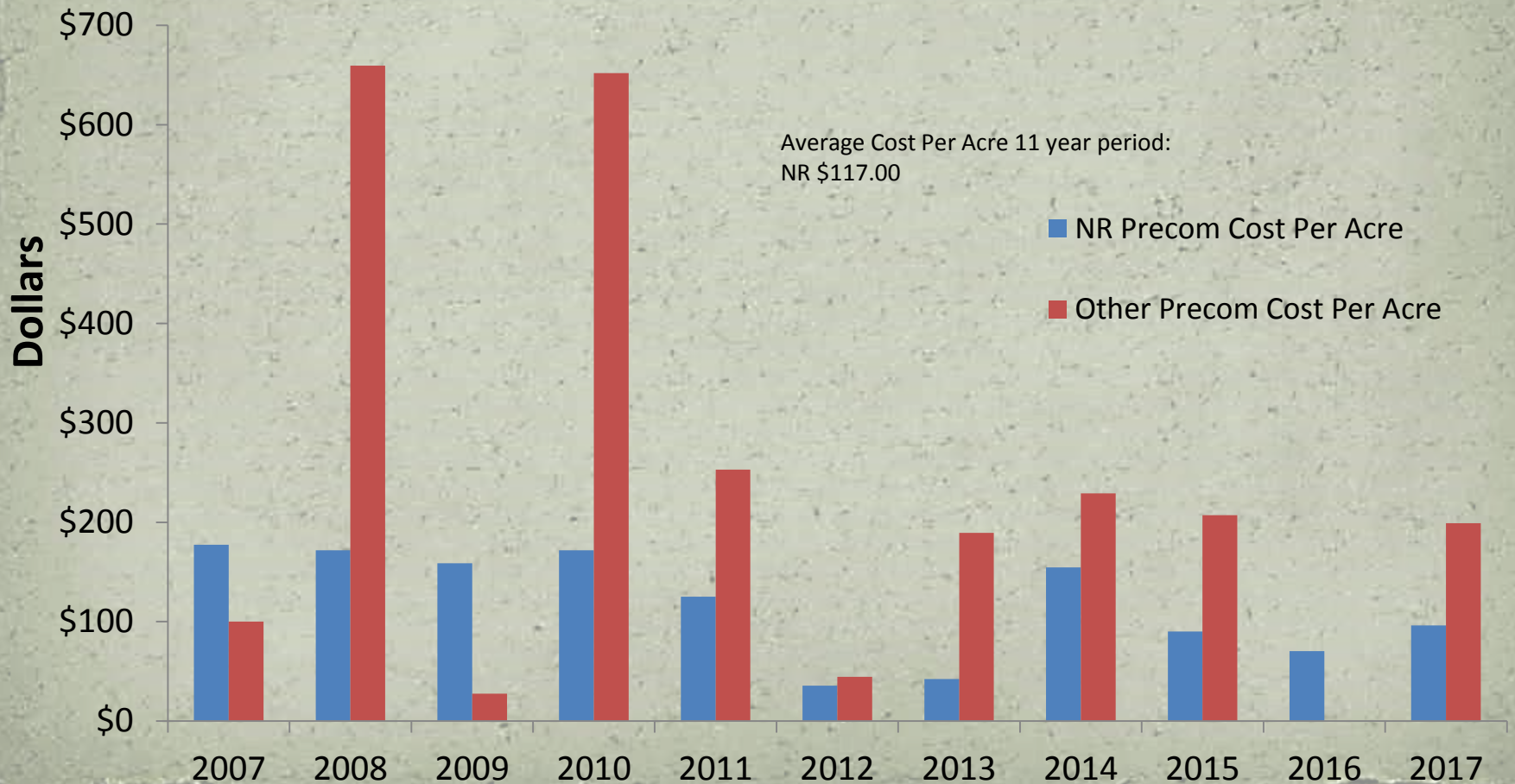
## 2007-2017 Planting Cost Per Acre Non-Recurring & Other Funding and Combined Costs Per Acre





# FD Funding Trends continued

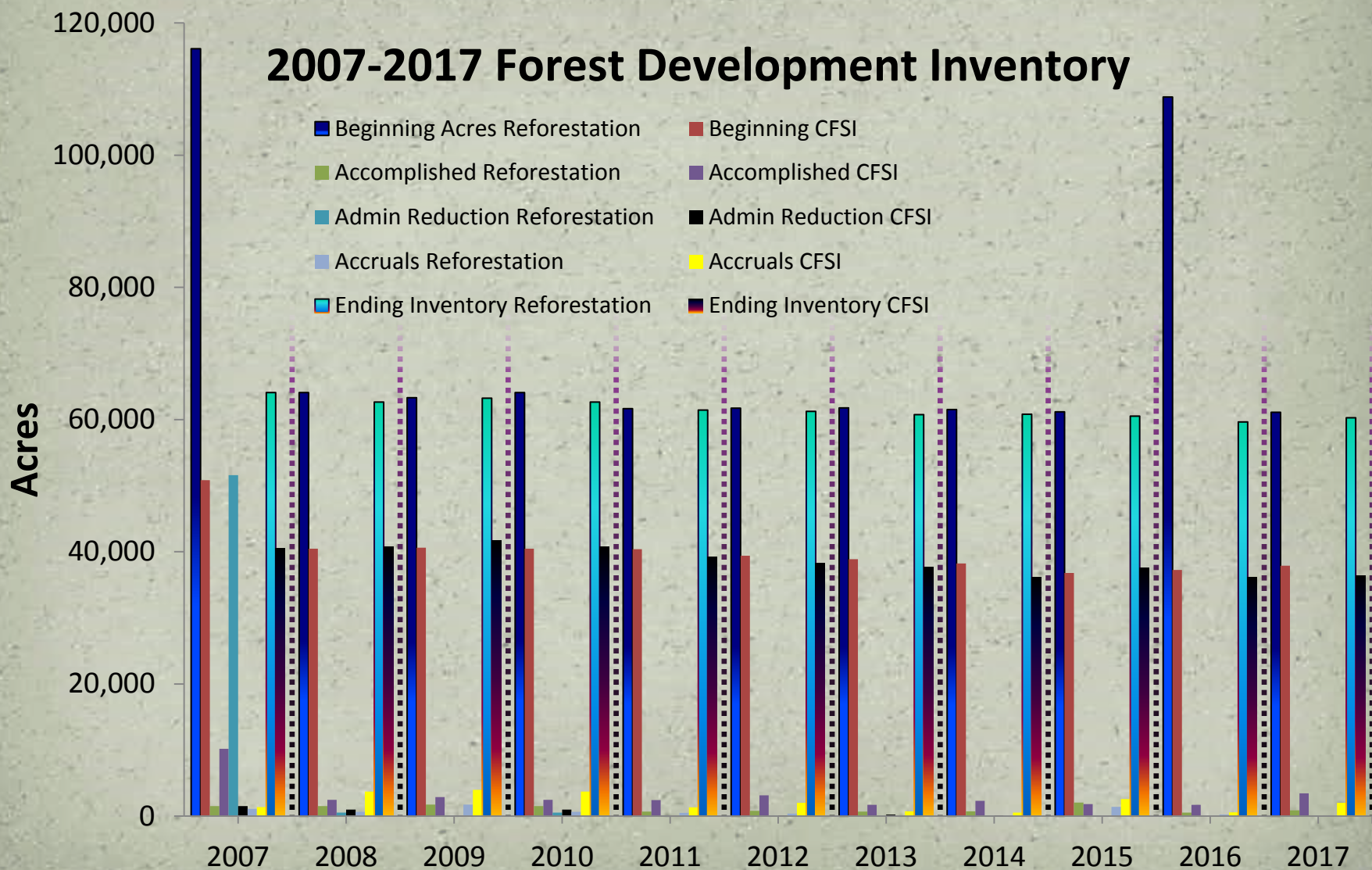
## 2007-2017 Non-Recurring & Other Pre-Commercial Thinning Cost Per Acre





# FD Inventory

## 2007-2017 Forest Development Inventory





# FD Terms

**Beginning Inventory** of Reforestation and CFSI is the ending inventory from the Previous Fiscal Year with Accruals

**Accomplishments for Reforestation and CFSI** are for the current Fiscal Year

**Administrative reductions** occur when acres are removed from the inventory backlog

for reasons other than the work being accomplished. Some of the more common reasons are: change in tribal objectives and/or land use classification; land exchanges; and adjustments based on new or revised data.

**Accruals** happen when acres are added to the beginning inventory. Reforestation

accruals occur as a result of: planned regeneration harvest; insect/disease outbreak; wildland fire or other natural catastrophic event; forest trespass; change in objectives and/or land use classification; land purchase or exchange; and correction for previous inventory error. CFSI accruals occur as a result of: forest in-growth; forest health concerns due to overstocking, parasitic infections (dwarf mistletoe), etc; change in objectives and/or land use classification; land purchase or exchange; and correction for previous inventory error.



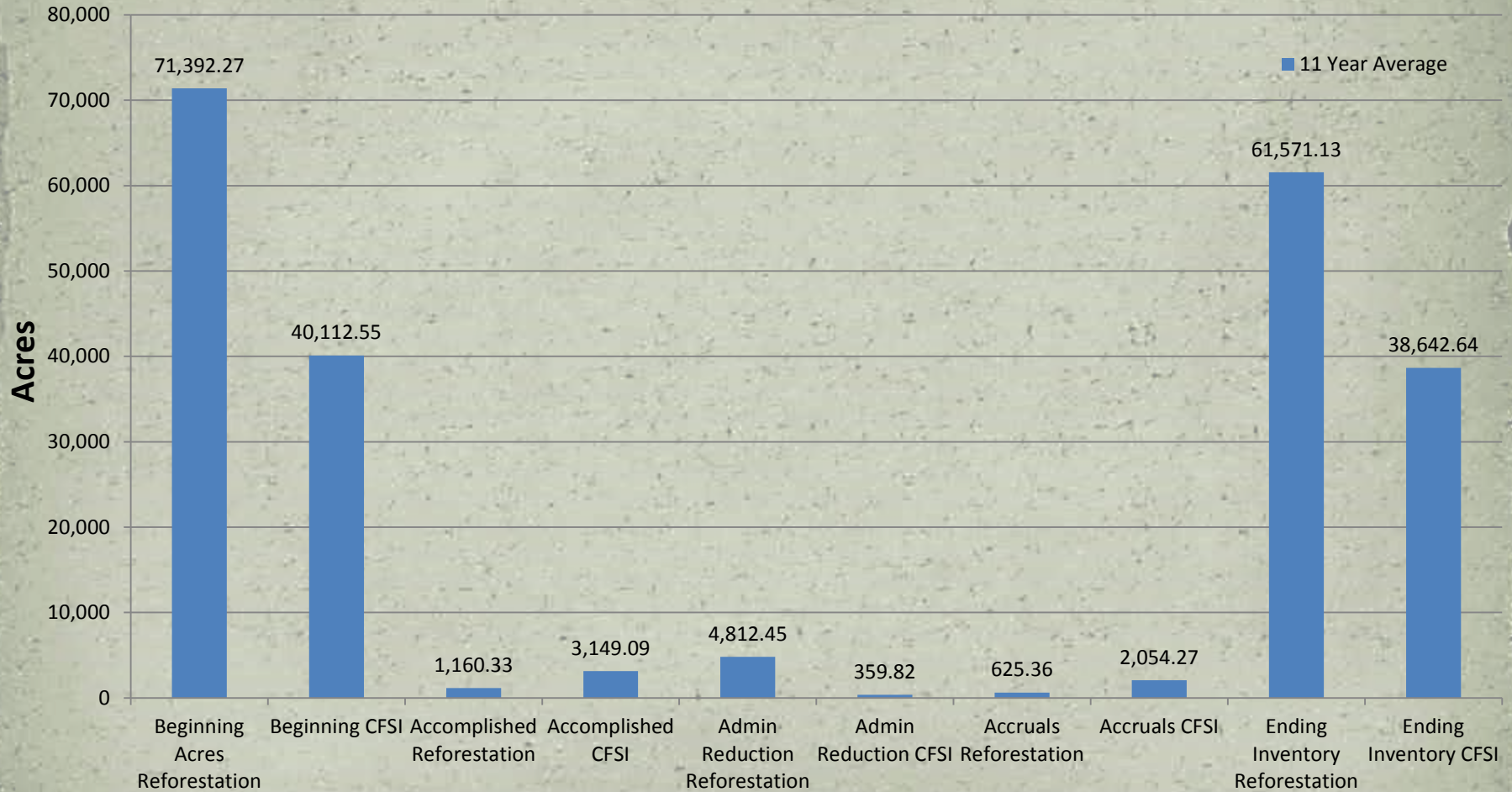
# FD Inventory

FY	Inventory Beginning		Accomplishments		Administrative Reductions		Accruals		Inventory Ending	
	(beginning of fiscal year acres)		(minus acres)		(minus acres)		(plus acres)		(equals) (end of fiscal year)	
	Beginning Acres Reforestation	Beginning CFSI	Accomplished Reforestation	Accomplished CFSI	Admin Reduction Reforestation	Admin Reduction CFSI	Accruals Reforestation	Accruals CFSI	Ending Inventory Reforestation	Ending Inventory CFSI
2007	116,104	50,832	1,537	10,172	51,586	1,525	1,104	1,377	64,085	40,512
2008	64,085	40,472	1,516	2,466	558	1,006	639	3,702	62,650	40,702
2009	63,309	40,611	1,757	2,888	60	45	1,743	3,993	63,235	41,671
2010	64,085	40,472	1,516	2,466	558	1,006	639	3,702	62,650	40,702
2011	61,652	40,395	690	2,445	36	0	512	1,326	61,438	39,276
2012	61,727	39,411	821	3,147	63	68	396	2,019	61,239	38,219
2013	61,766	38,866	708	1,707	31	233	60	743	60,746	37,669
2014	61,515	38,226	736	2,331	31	75	61	550	60,809	36,123
2015	61,170	36,810	2,068	1,826	7	0	1,424	2,597	60,519	37,563
2016	108,800	37,240	522	1,722	0	0	233	583	59,641	36,194
2017	61,102	37,903	893	3,470	7	0	68	2,005	60,270	36,438
Total	785,315	441,238	12,764	34,640	52,937	3,958	6,879	22,597	677,282	425,069



# FD Inventory

## 2007-2017 Inventory 11 Year Average Inventory





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