

# 2015 Almond OM Forecast



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# Almond Acreage

- **2014 Bearing acreage 870,000**
- **2015 Bearing acreage 890,000**
- **20,000 acres \* 2000 lbs/acre = 40,000,000 lbs of production**

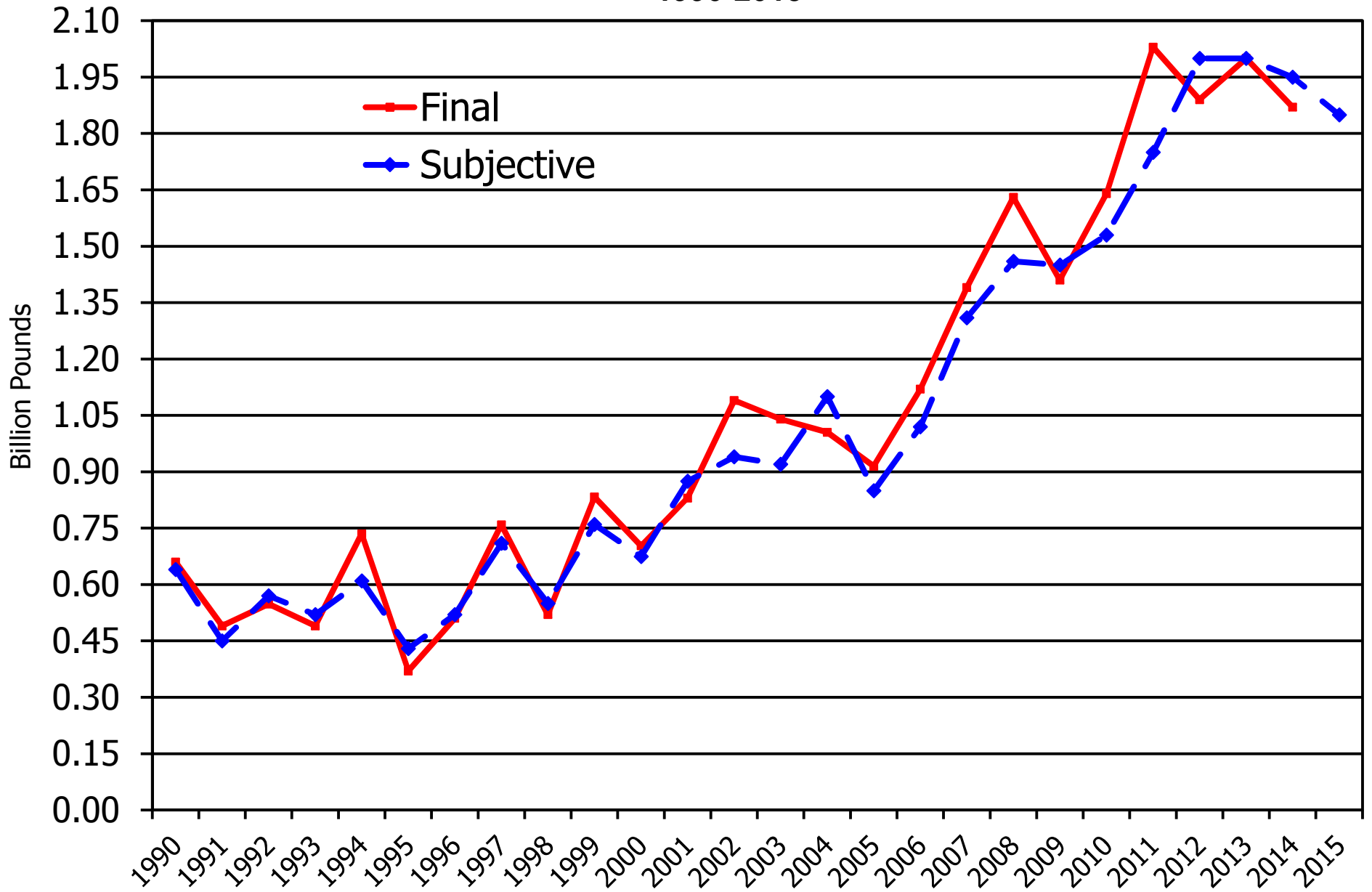
# Almond Acreage

- **Peak Maturity for trees: age 7 to 25 years**
- **Trees aging past maturity**
- **Bearing acreage change 1990 – 1995: 7,000 acres (411,000 to 418,000 bearing acres)**
- **Trees coming into maturity**
- **Bearing acreage change 2010 – 2015: 120,000 acres (770,000 to 890,000 bearing acres)**



# Almond Subjective Forecast vs Final Production

1990-2015



# Almond Objective Forecast

- **Sample: 862 Orchard Blocks**
- **2 trees per orchard**
- **Sample represents the population**
- **Field Work: May 22 – June 19**
- **Use 50+ Enumerators**
- **Random Path Method**
- **Sample of Nuts taken and sent to lab**
- **Measure kernel weight, length, width, thickness and grade**

# Almond Objective Survey

## Measure trunks & limbs





# Count Nuts





# Pick Nuts





# Weigh At Sizing Station





# Measure with Caliper





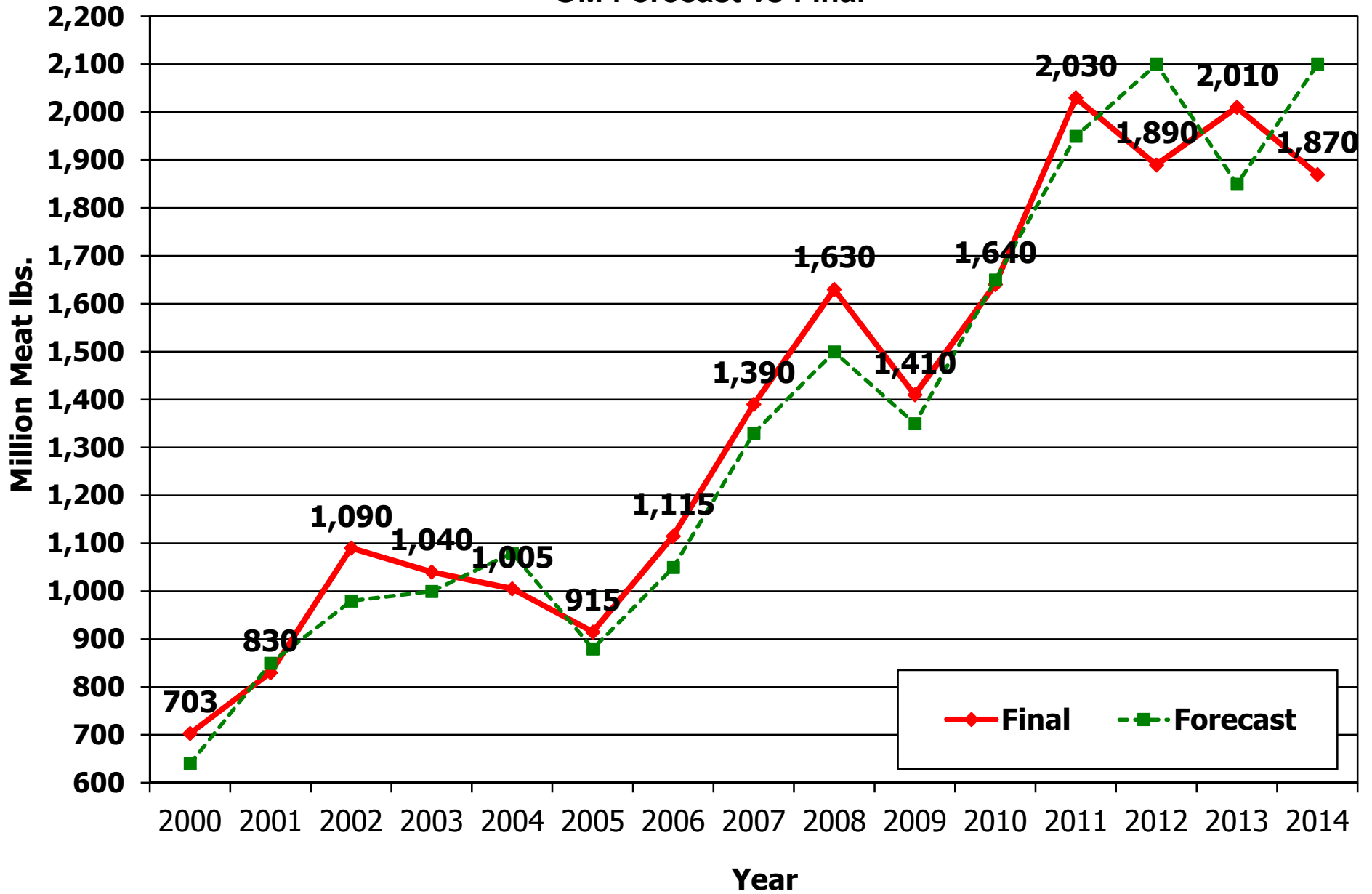


# Sample & OM Models

- Samples are very specific, taking into account variety, location, and age of planting
- Models are designed to produce forecast of all almond production at the state level from the sample data
- Models do not forecast production by variety. Since there is a large number of Nonpareil samples, PRO does use NP sample data to forecast this variety

# ALMOND PRODUCTION - CALIFORNIA

## OM Forecast vs Final





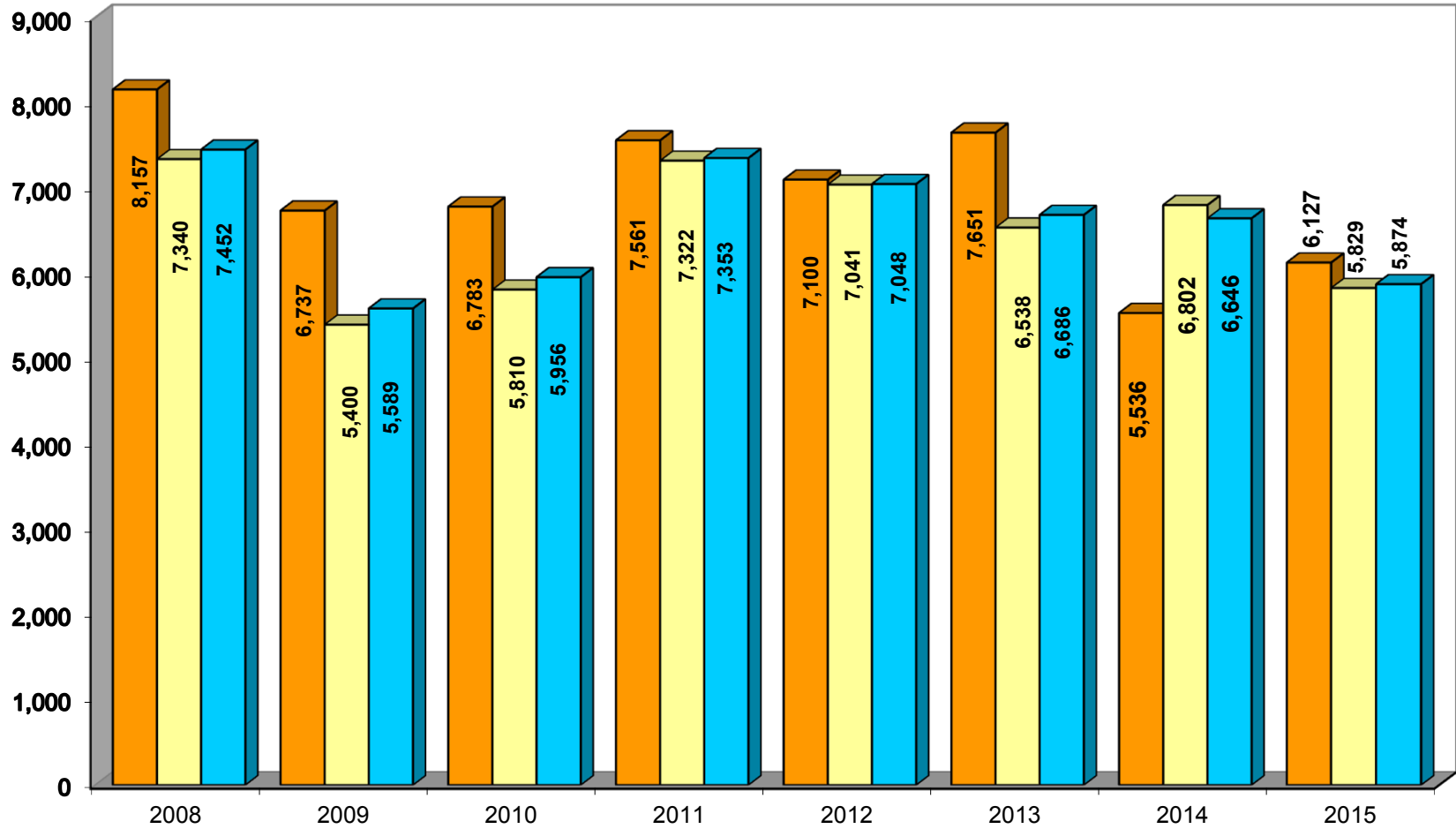
# Almond set 2013 – 2015

State	2013	2014	2015	% Change
	6,686	6,646	5,874	-12

# CALIFORNIA ALMONDS

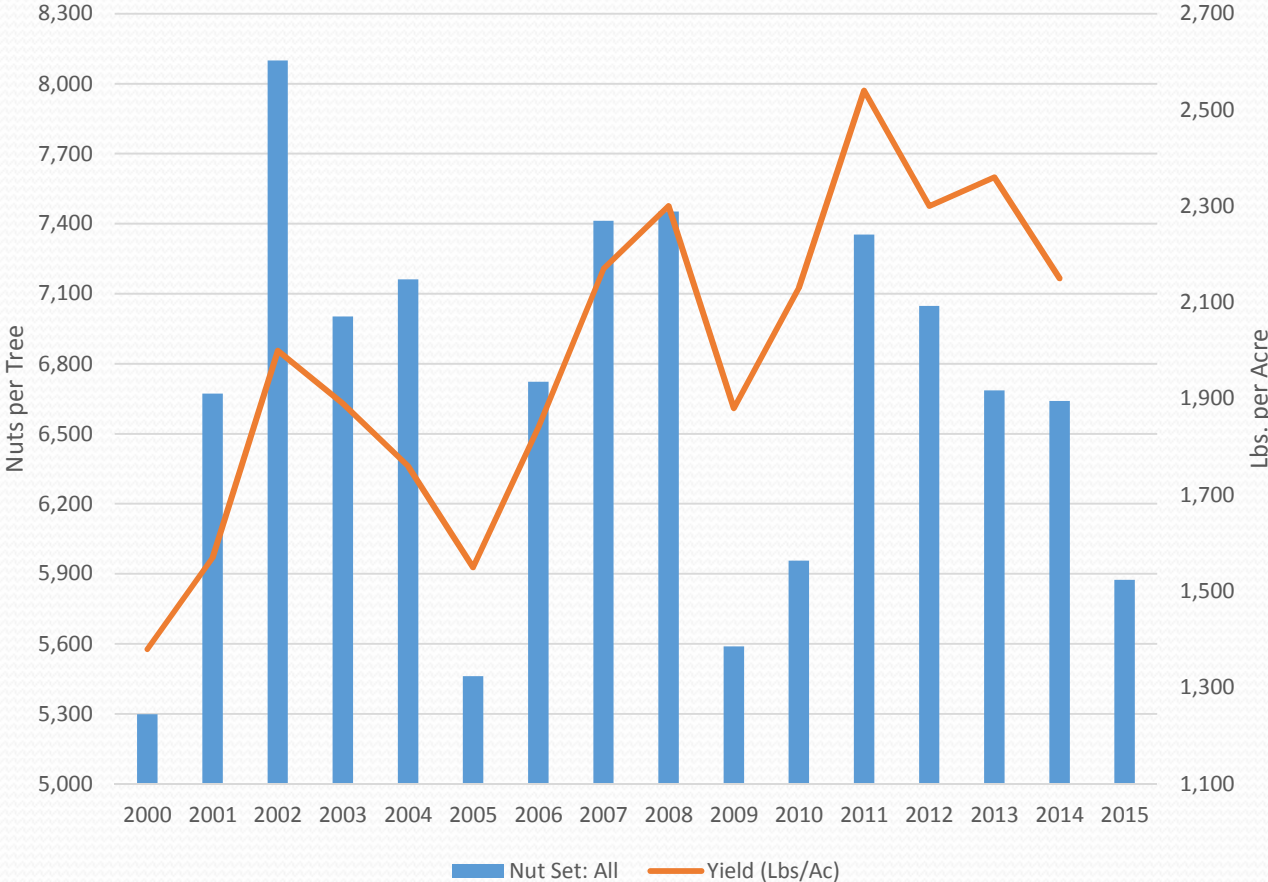
## Nuts per Tree, by District

■ Sacramento Valley ■ San Joaquin Valley ■ State





All Nut Set vs. Yield

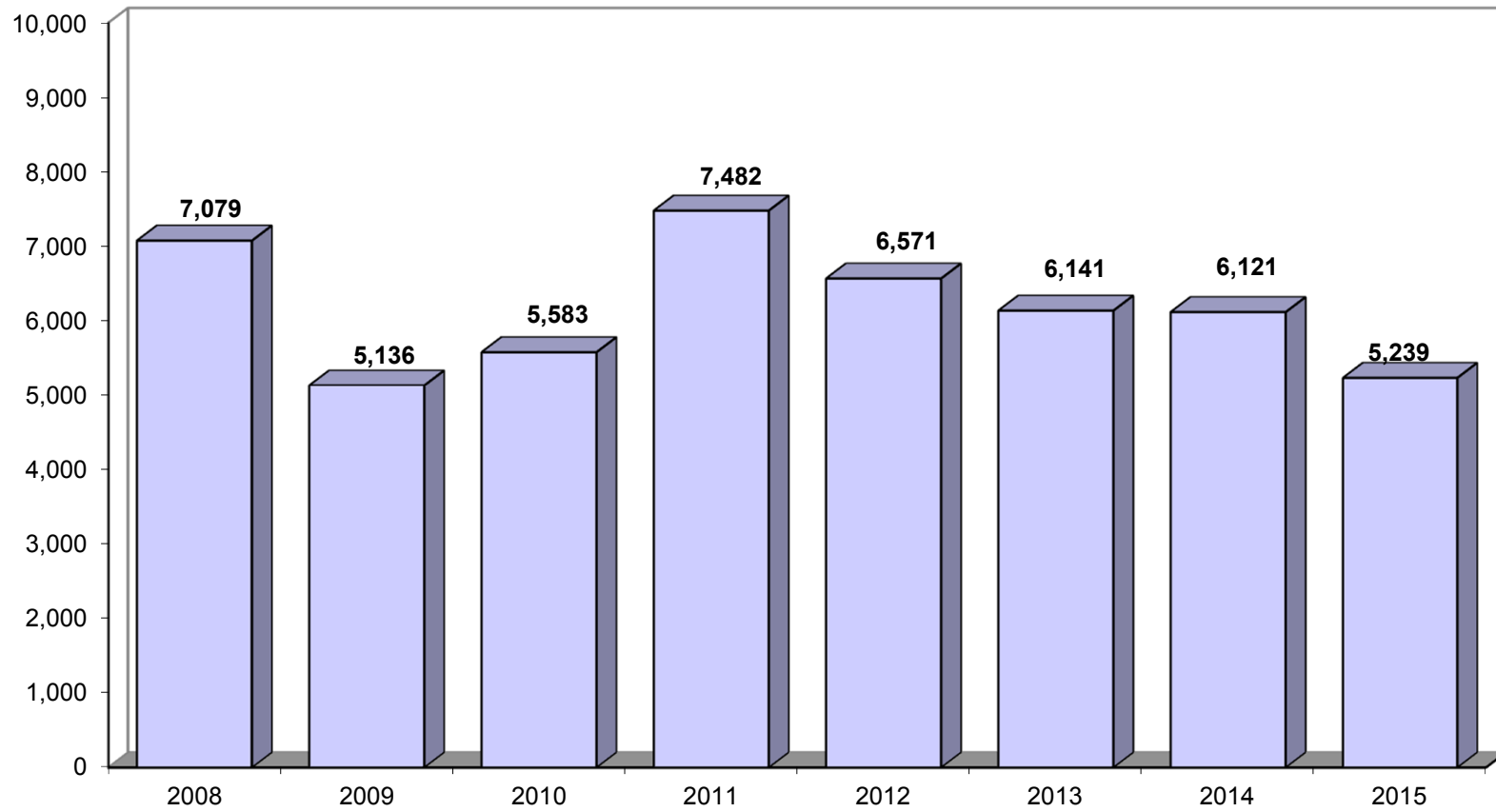


## Almond Set per Tree by Variety, 2013-2015 and % Change

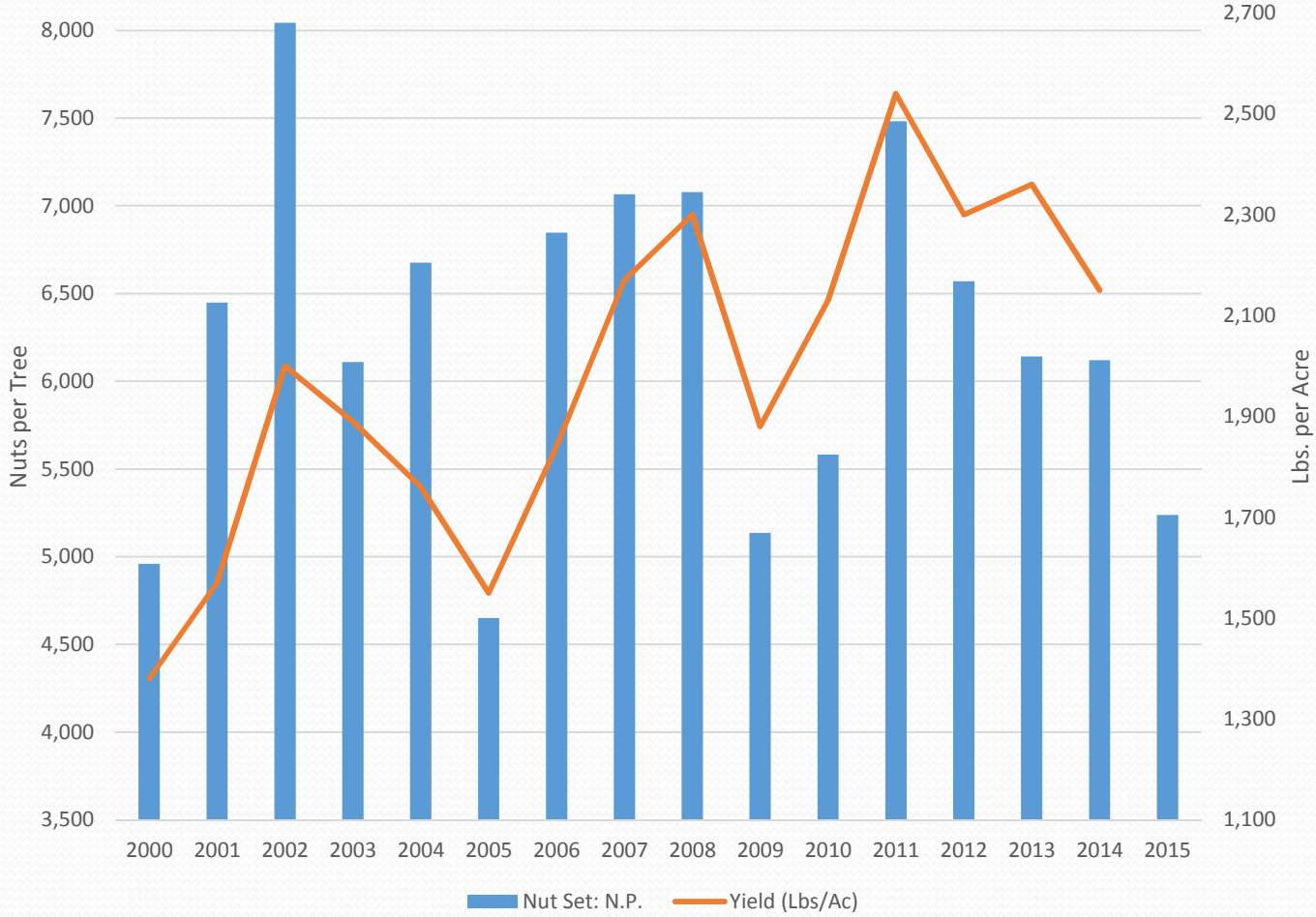
	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>% Change</b>
Butte	7,535	7,443	7,034	<b>-5</b>
California Types	6,744	6,718	5,737	<b>-15</b>
Carmel	6,571	6,962	5,714	<b>-18</b>
Monterey	6,311	5,910	5,333	<b>-10</b>
Nonpareil	6,141	6,121	5,239	<b>-14</b>
Padre	8,119	7,989	9,037	<b>+13</b>



## NONPAREIL TYPE Nuts per Tree

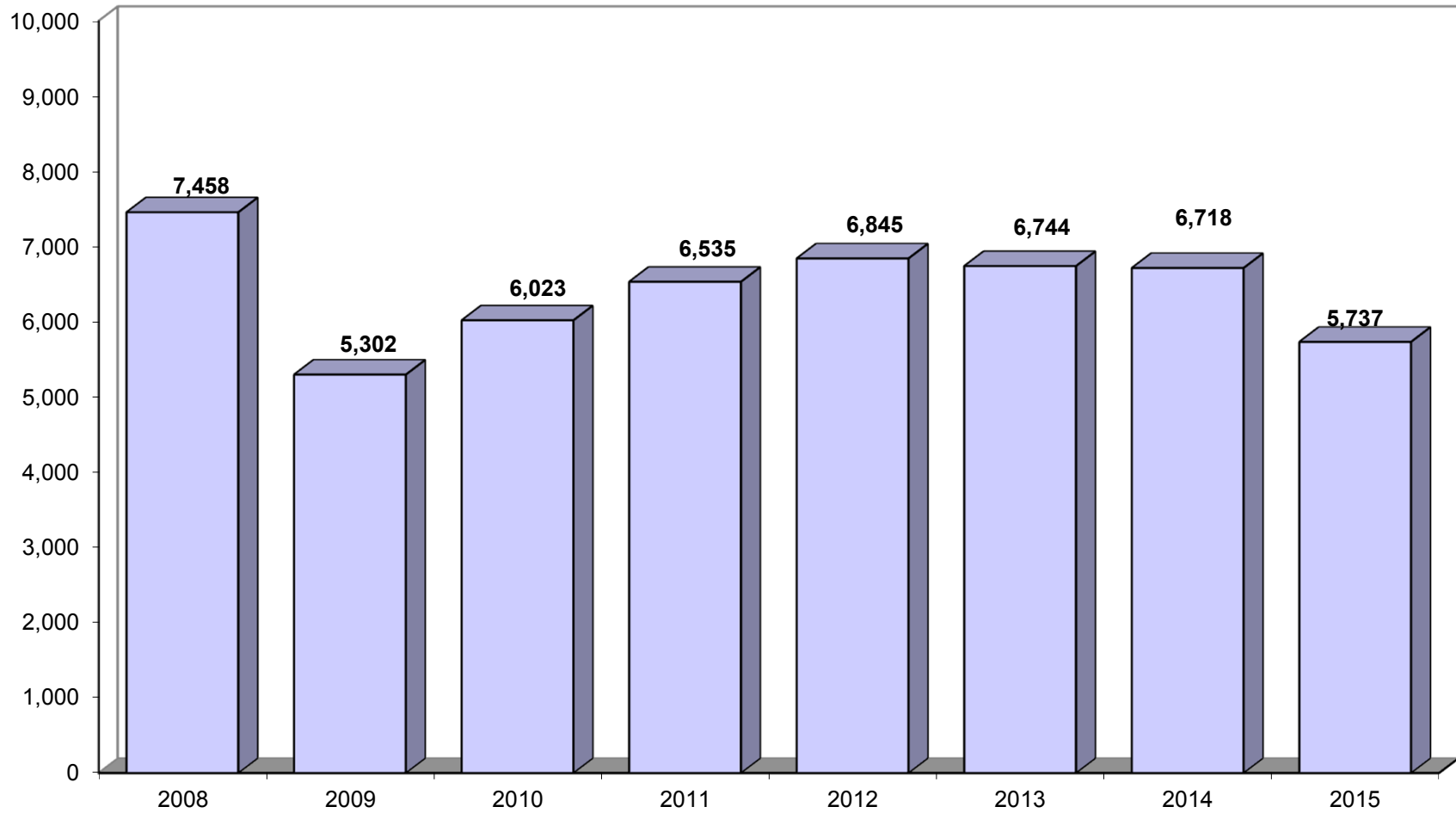


N.P. Nut Set vs. Yield

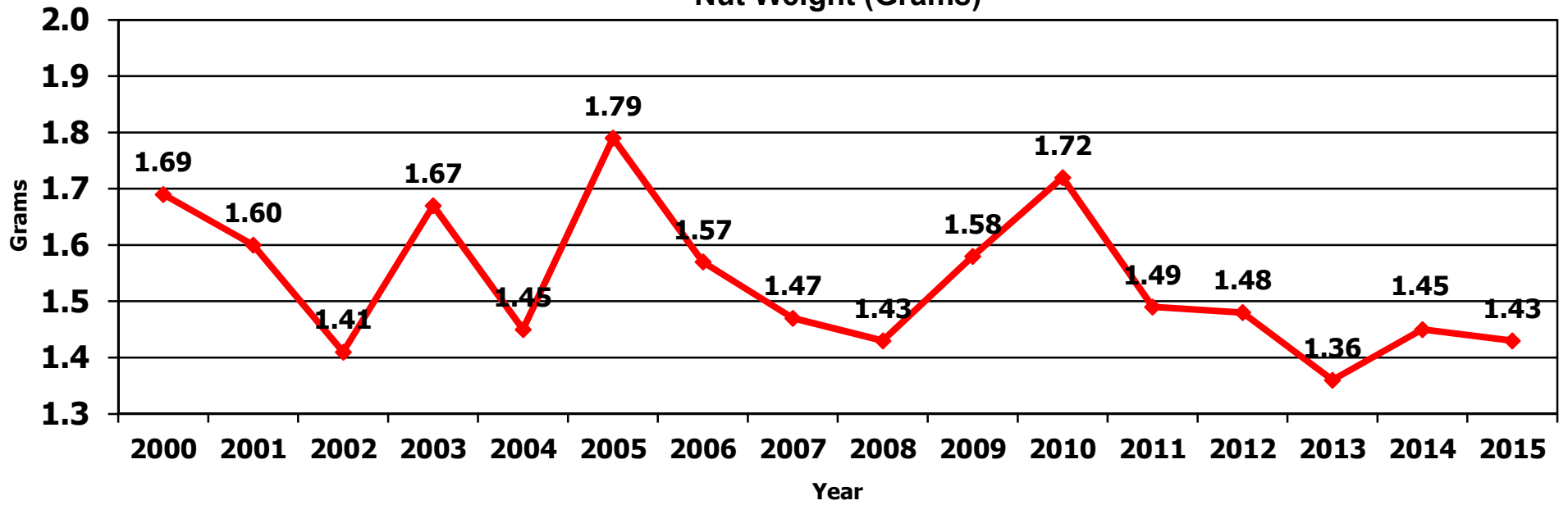




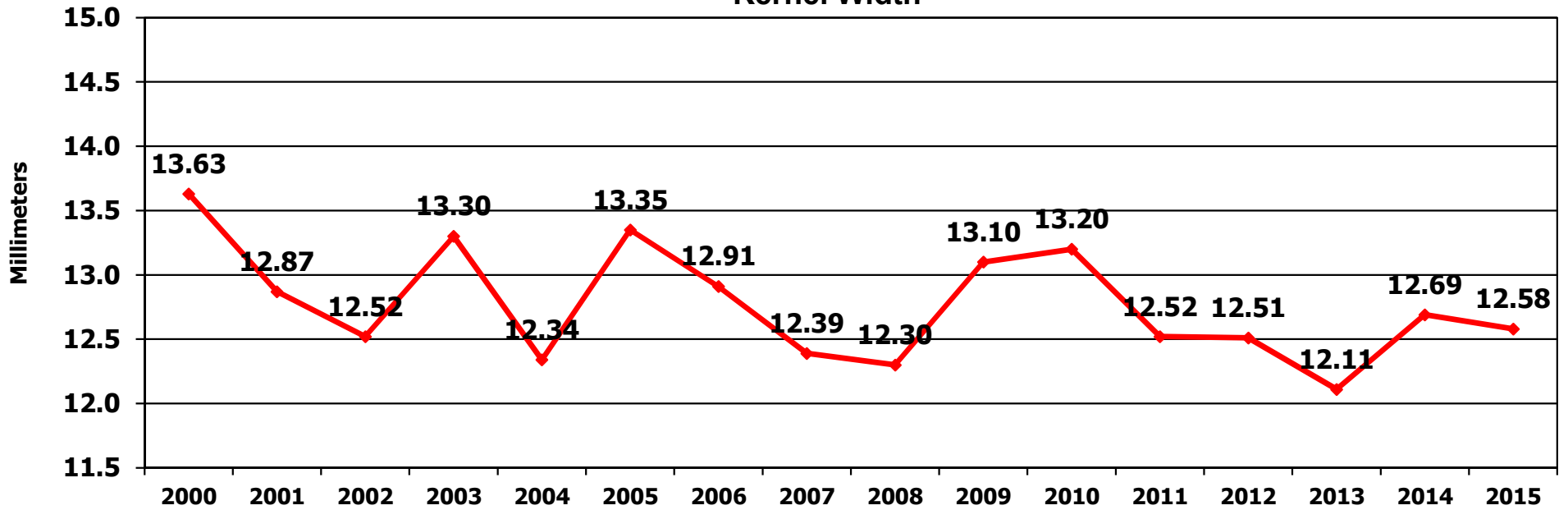
## CALIFORNIA TYPE Nuts per Tree



### CALIFORNIA ALMONDS Nut Weight (Grams)



### CALIFORNIA ALMONDS Kernel Width

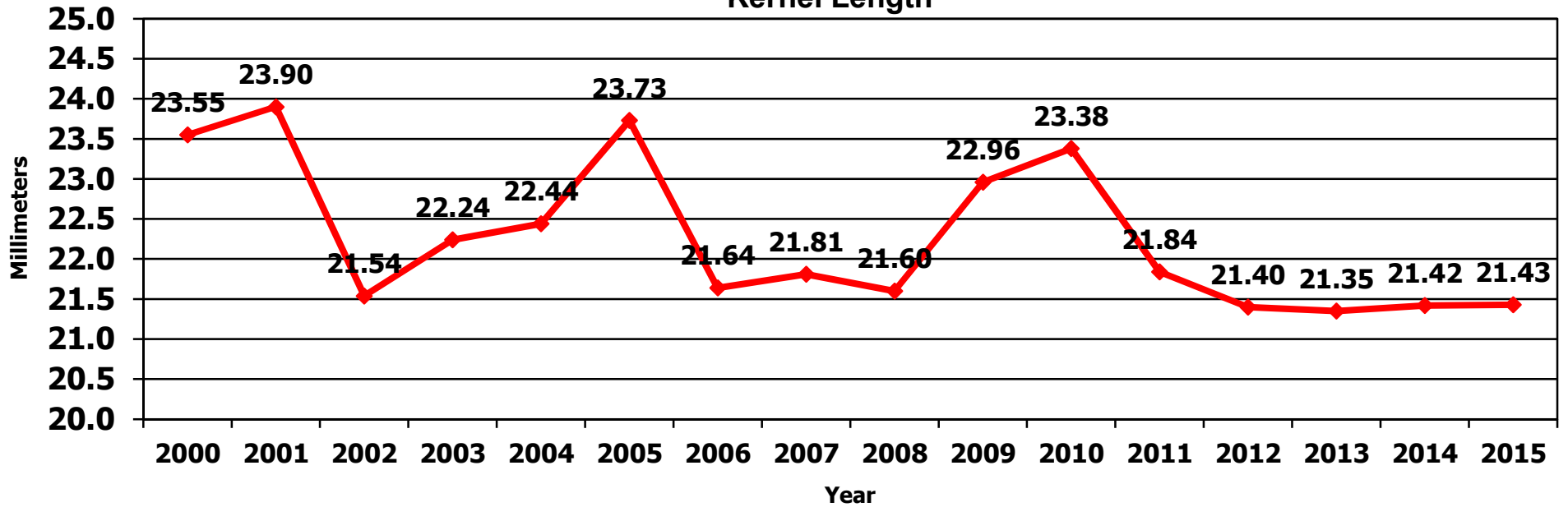




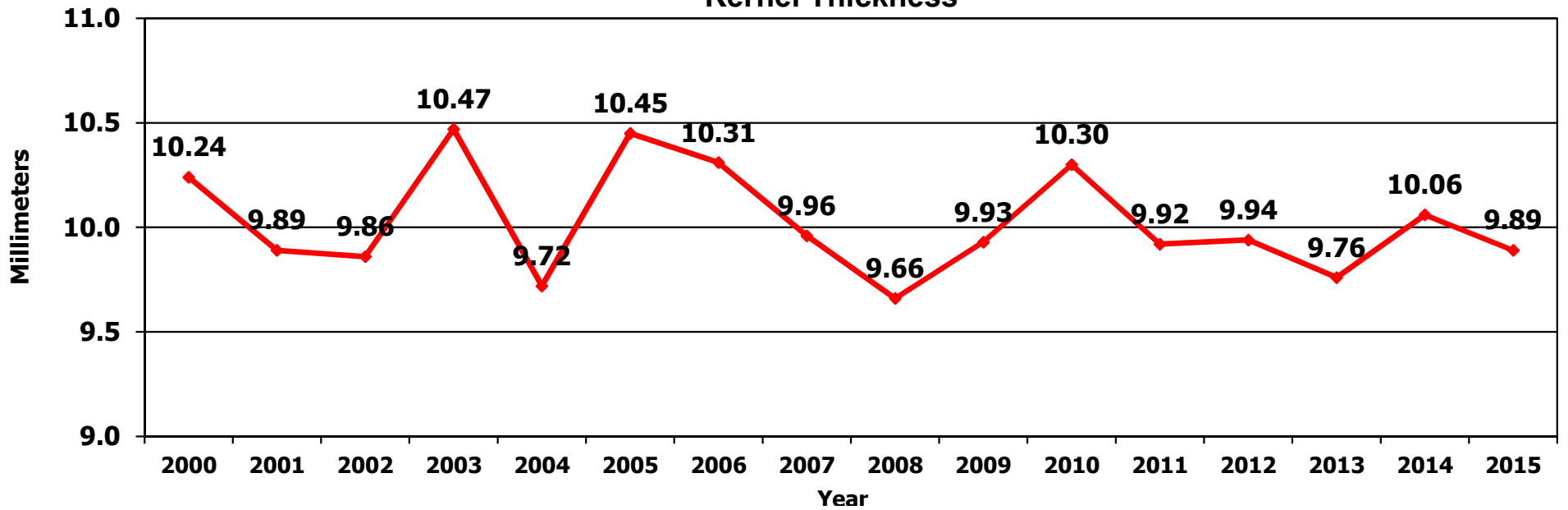
## All Kernel Weight vs. Yield



### CALIFORNIA ALMONDS Kernel Length

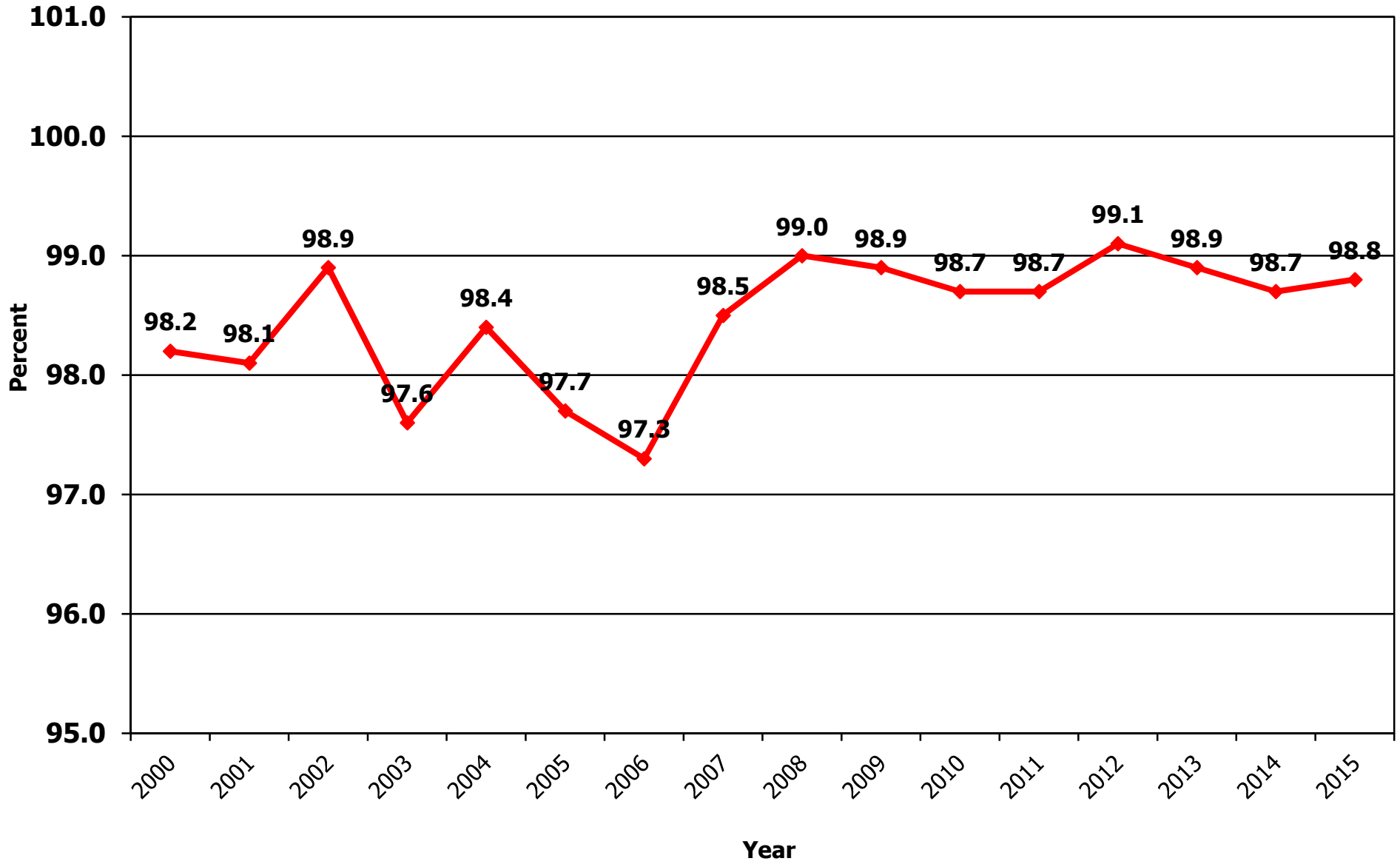


### CALIFORNIA ALMONDS Kernel Thickness





# ALMONDS PERCENT SOUND NUTS 2000-2015





# Forecast and all Statistics Available On-line

- PRO Web: [www.nass.usda.gov/ca](http://www.nass.usda.gov/ca)
- NASS Web: [www.nass.usda.gov](http://www.nass.usda.gov)
- PRO Contact: (916) 498-5161





# 2015 Crop Condition

- **Almond bloom started early this year similar to last year**
- **Crop is developing quickly and harvest is expected to be ahead of normal and possibly ahead of last year's early start**
- **First hull split around June 6th**
- **Pest and disease pressure is currently low**
- **Water allotments are severely low again this year, trees stressed last year are facing more stress this year.**



## 2015 OM Almond Forecast

**1.80 Billion Meat Pounds**  
**(-4 Percent)**

**Bearing Acres: 890,000**  
(Trees Planted 2013 and earlier)

**Yield: 2,020 Pounds**  
**(- 6 Percent)**

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