

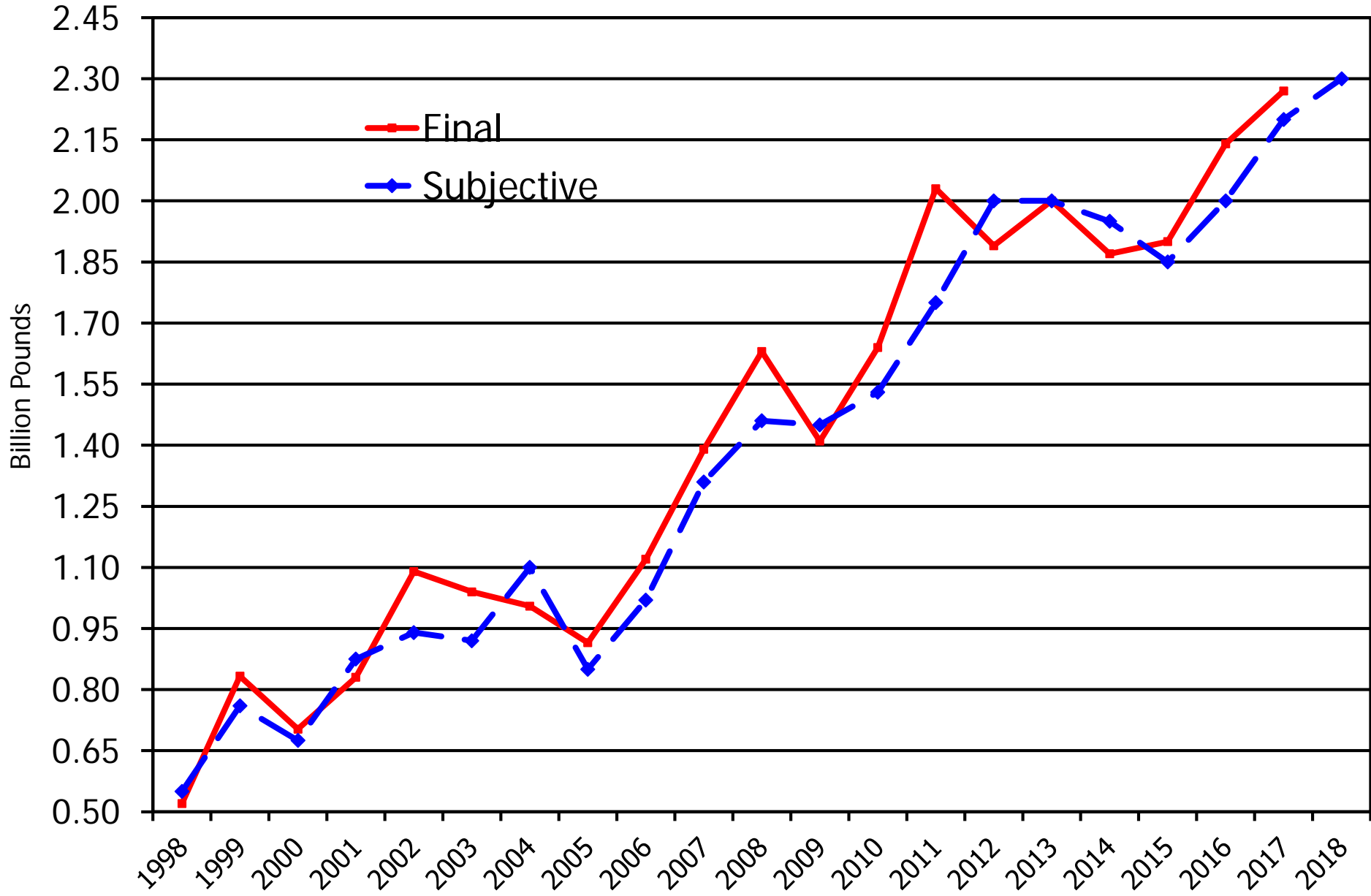
2018 Almond OM Forecast



Presented by Brenda Hill, Deputy Director
USDA, NASS, Pacific Regional Office (PRO)
July 5, 2018

Almond Subjective Forecast vs. Final Production

1998-2018



Almond Objective Forecast

- **1,070,000 bearing acres in 2018**
- **Sample: 853 orchard blocks**
- **2 trees per orchard block**
- **Sample represents the population**
- **Field Work: May 29 – June 26**
- **Use 50+ Enumerators**
- **Random Path Method**
- **Sample of Nuts taken and sent to sizing station**
- **Sizers measure kernel weight, length, width, thickness and grade**

Nuts being weighed at a sizing station

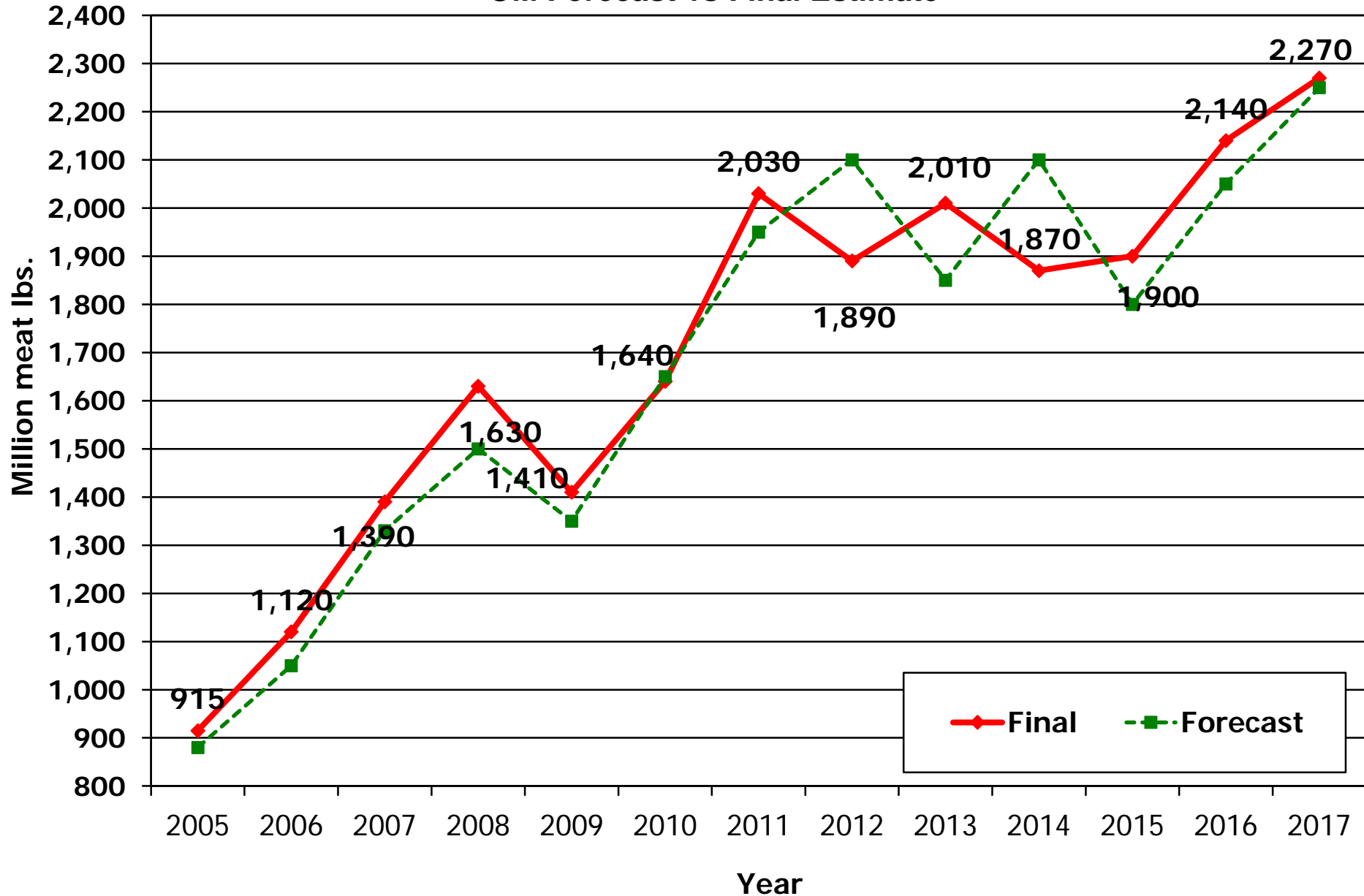


Sample & OM Models

- Samples are designed to take into account variety, location, and age of planting
- Models are designed to produce a forecast of all almond production at the state level from the sample data
- Models do not forecast production by variety. Separate models are run for Nonpareil since there are a significant number of samples.

ALMOND PRODUCTION - CALIFORNIA

OM Forecast vs Final Estimate

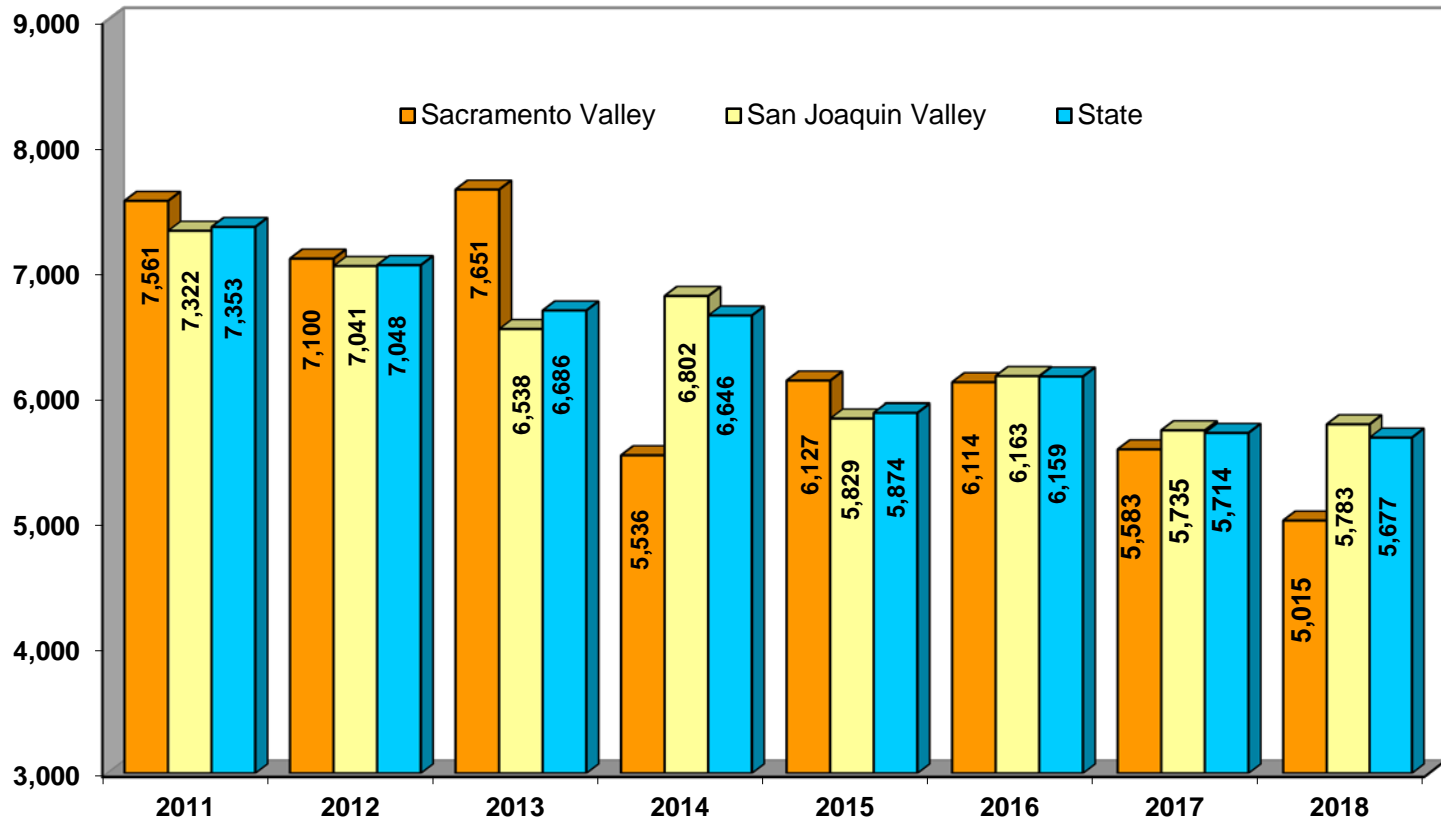


Almond Set 2016 – 2018

Average nuts per tree

	2016	2017	2018	% Change
California	6,159	5,714	5,677	-.6%

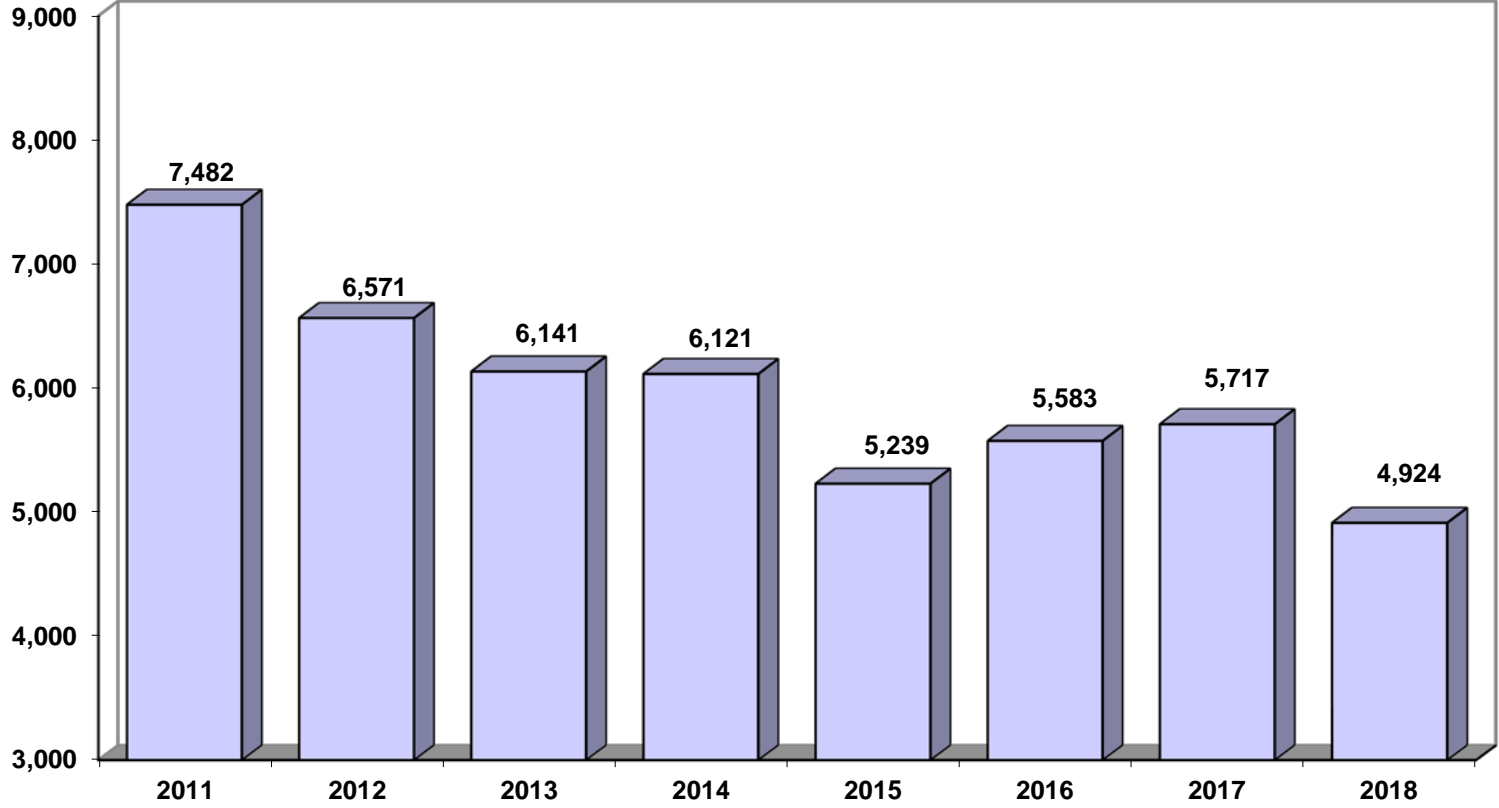
ALMONDS Nuts per Tree, by District



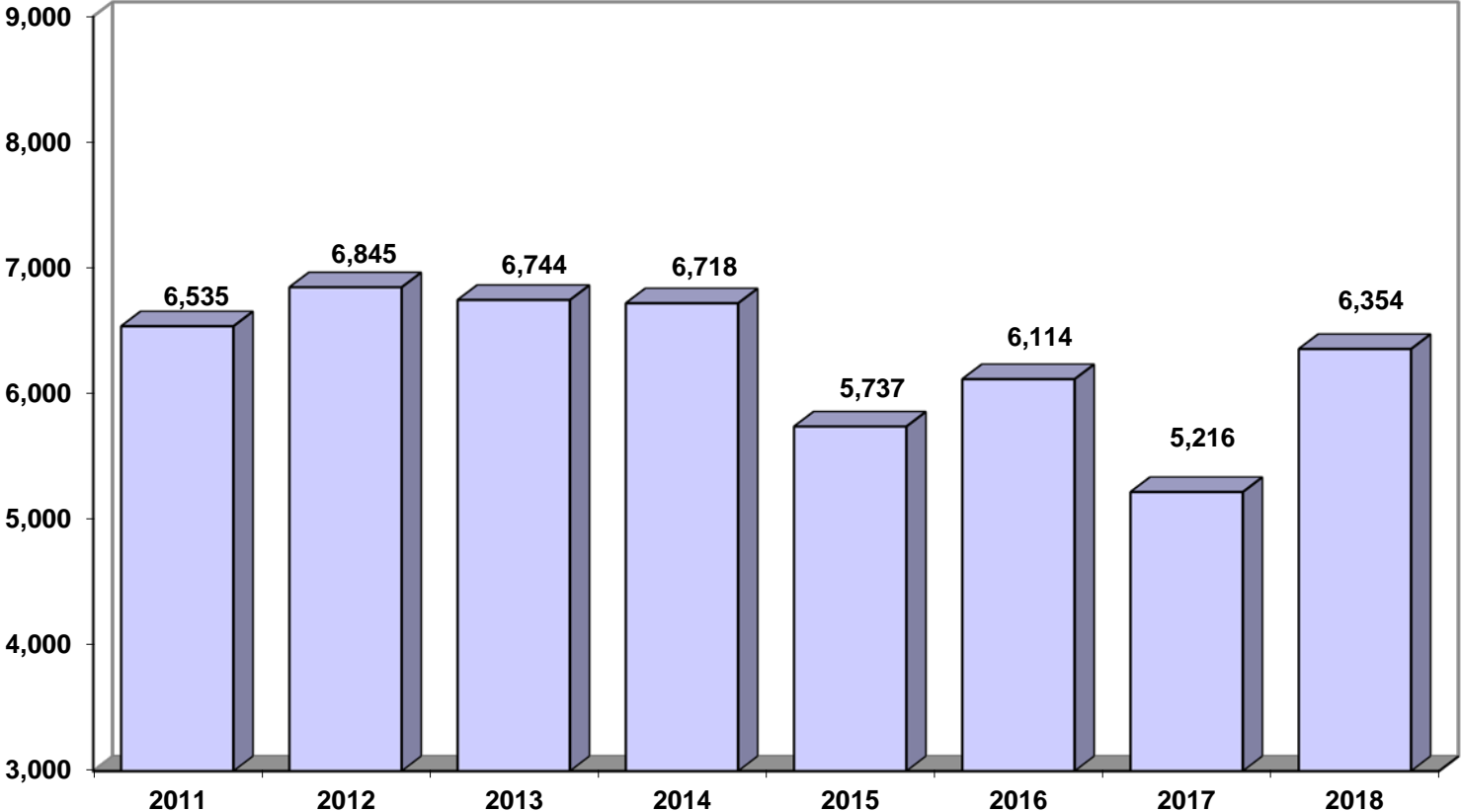
Almond Set per Tree by Variety, 2016-2018

	2016	2017	2018	% Change
Butte	7,051	6,574	5,989	-8.9
California Types	6,114	5,216	6,354	+21.8
Carmel	5,849	5,456	6,353	+16.4
Monterey	5,739	4,655	5,362	+15.2
Nonpareil	5,583	5,717	4,924	-13.9
Padre	7,788	7,168	6,732	-6.1

**NONPAREIL TYPE
Nuts per Tree**



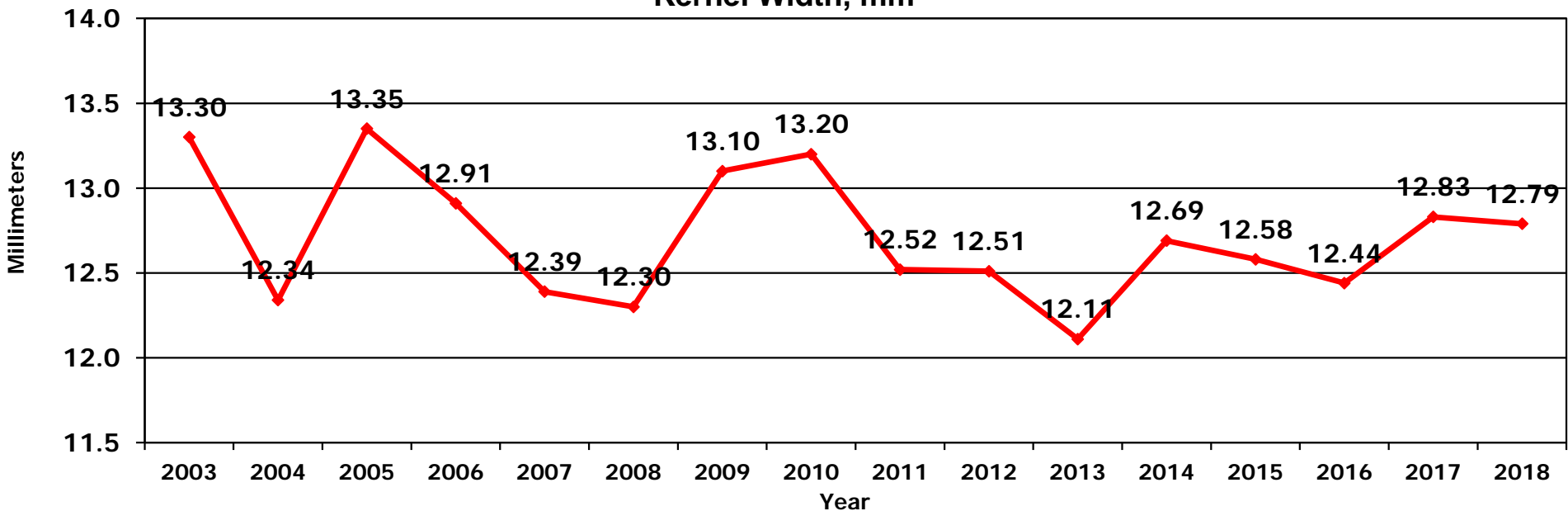
CALIFORNIA TYPE Nuts per Tree



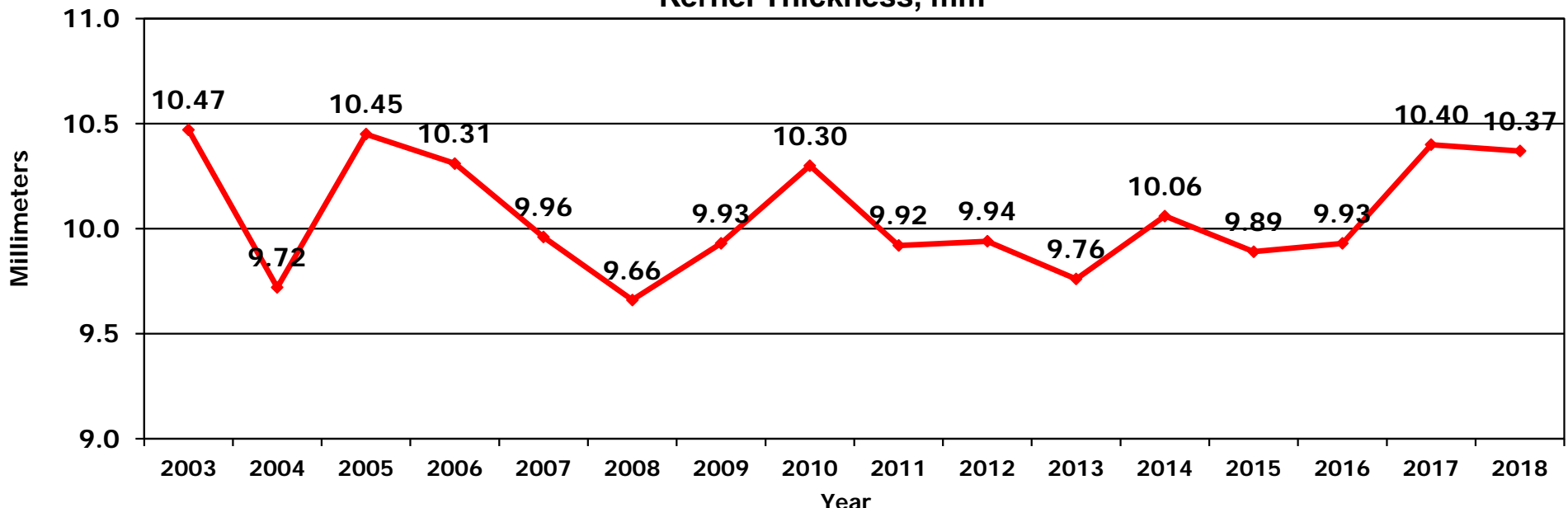
Average Nut Weight (grams) vs. Yield



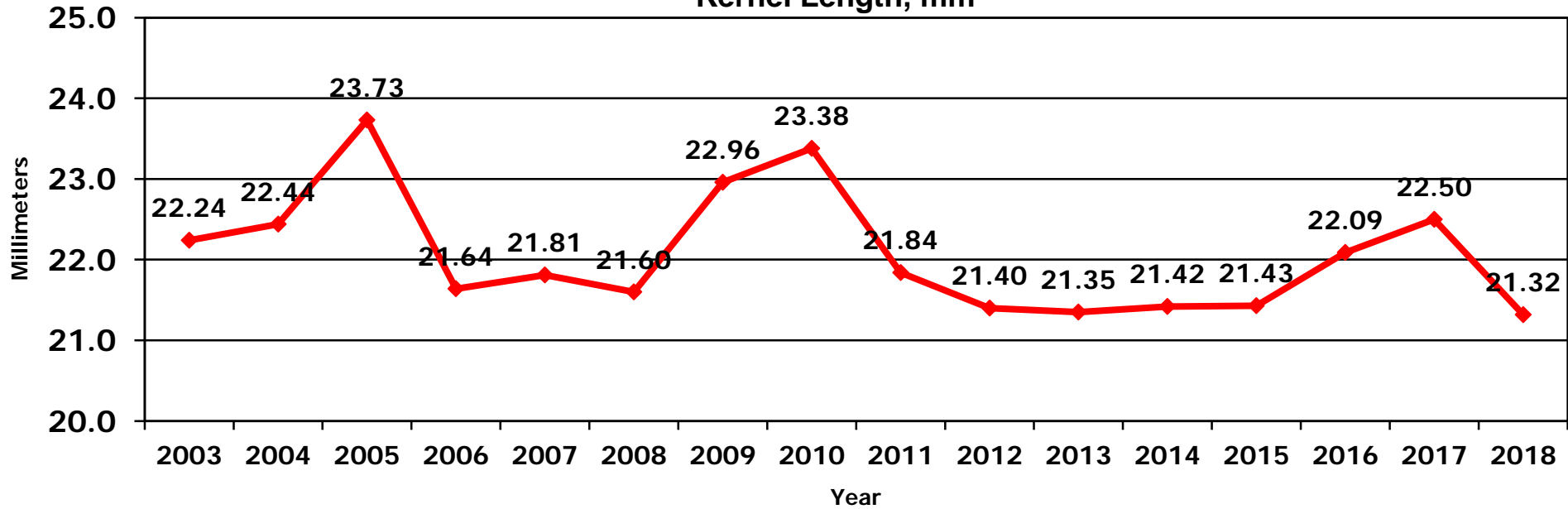
ALMONDS
Kernel Width, mm



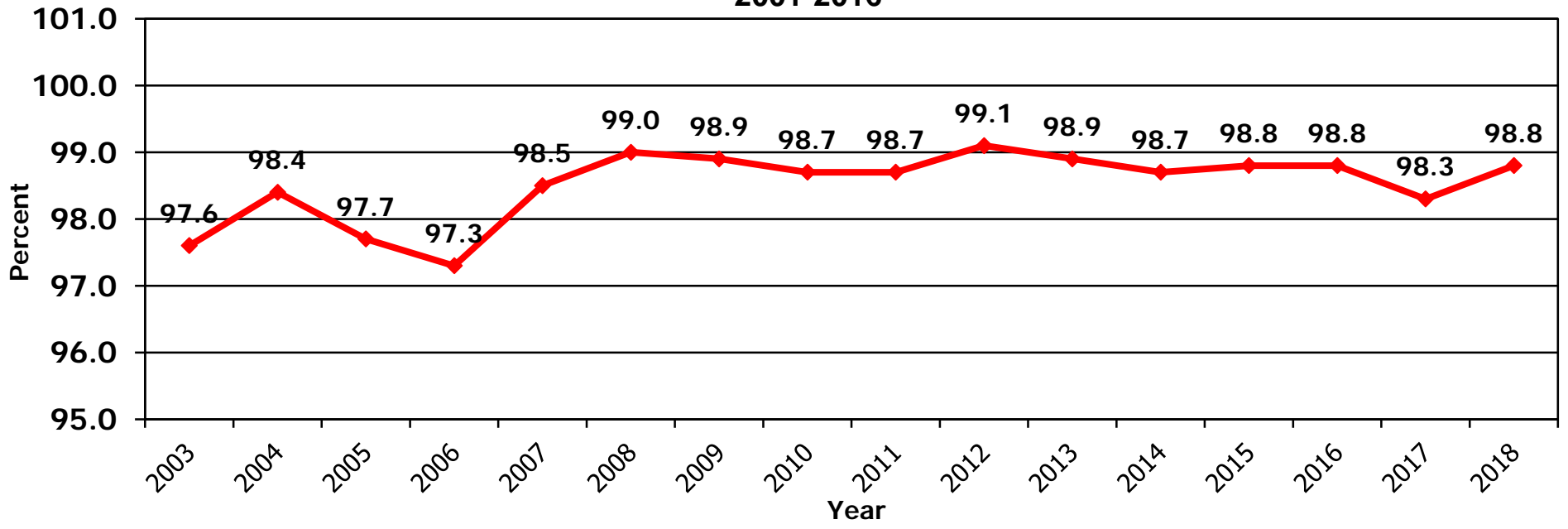
ALMONDS
Kernel Thickness, mm



CALIFORNIA ALMONDS Kernel Length, mm



ALMONDS PERCENT SOUND NUTS 2001-2016



Forecast and all Statistics Available On-line

- PRO Web: www.nass.usda.gov/ca
- NASS Web: www.nass.usda.gov
- PRO Contact: (916) 738-6600

2018 OM Almond Forecast

2.45 Billion Meat Pounds

(+ 7.9 Percent)

Bearing Acres: 1,070,000

(Trees Planted 2015 and earlier)

Yield: 2,290 Pounds

(+.9% Percent)

2018 Almond OM Forecast



Thank you to the producers who allowed us to conduct this survey in their orchards.