

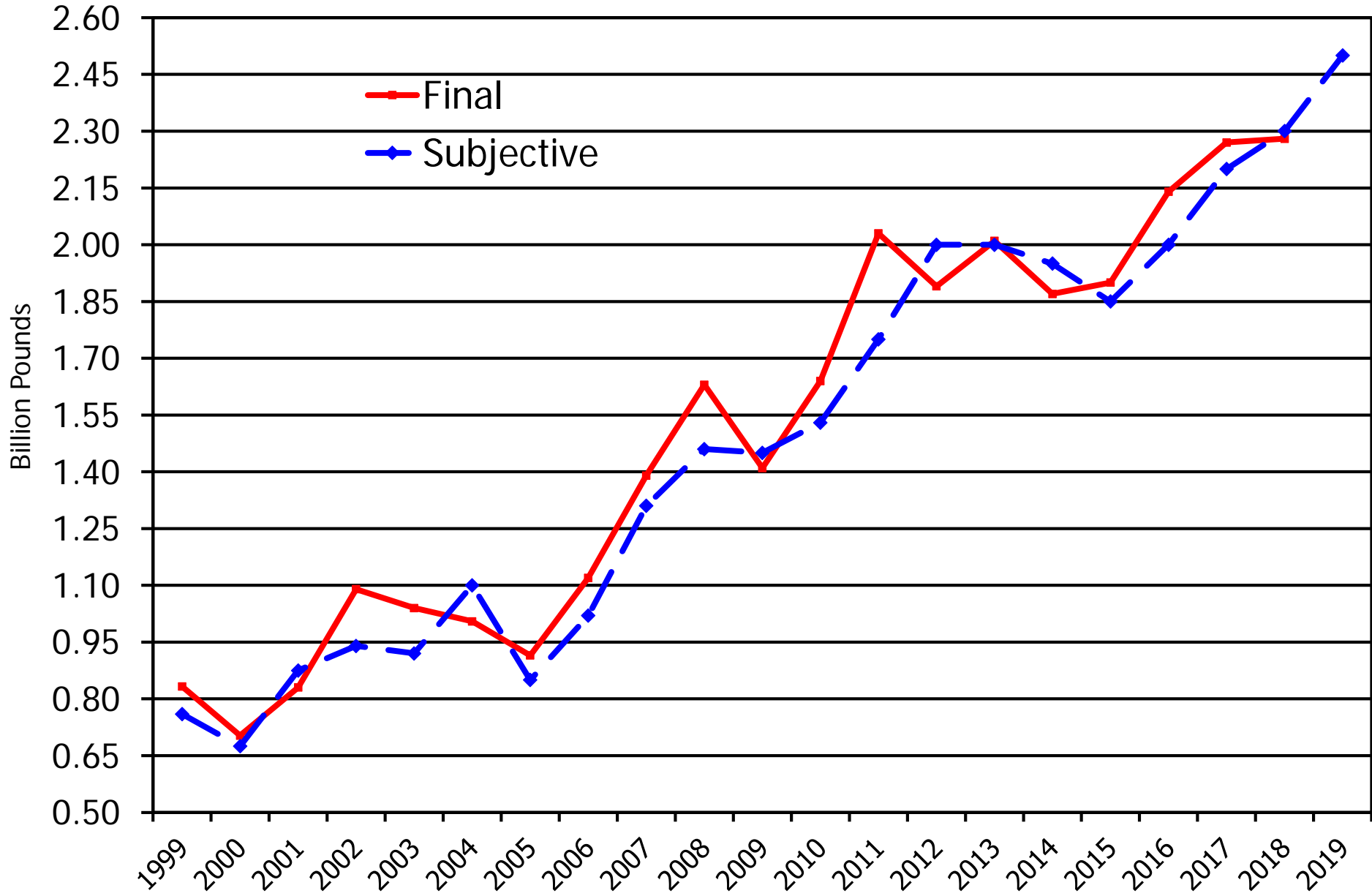
2019 Almond OM Forecast



Presented by Gary Keough, Director
USDA, NASS, Pacific Regional Office (PRO)
July 3, 2019

Almond Subjective Forecast vs. Final Production

1999-2019





Almond Objective Forecast



- **1,170,000 bearing acres in 2019**
 - * **80,000 new bearing acres this year.**
- **Sample: 817 orchard blocks, 2 trees per block.**
- **Sample represents the population**
- **Field Work: May 30 – June 27**
- **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

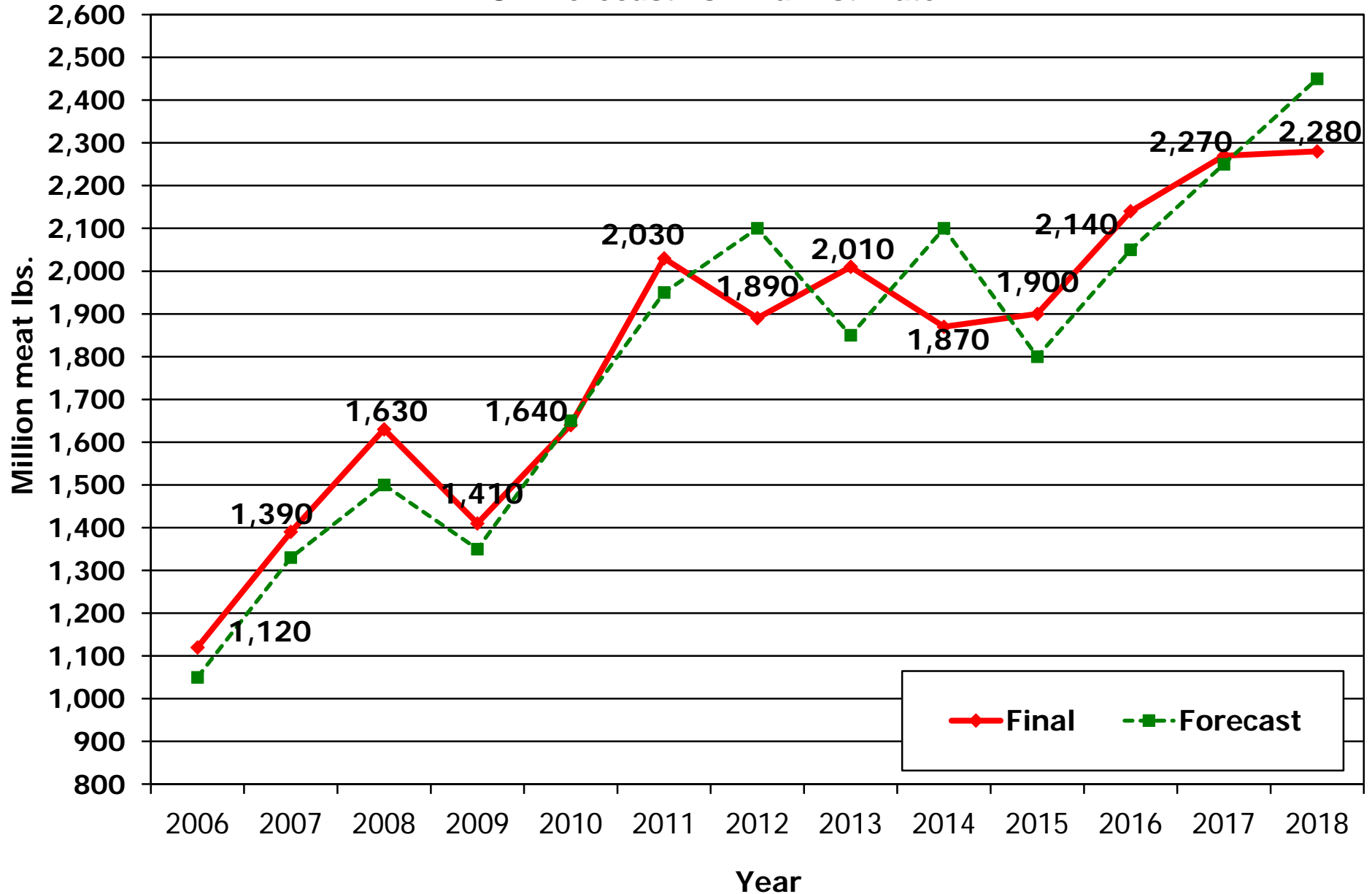


Sample & OM Models

- 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





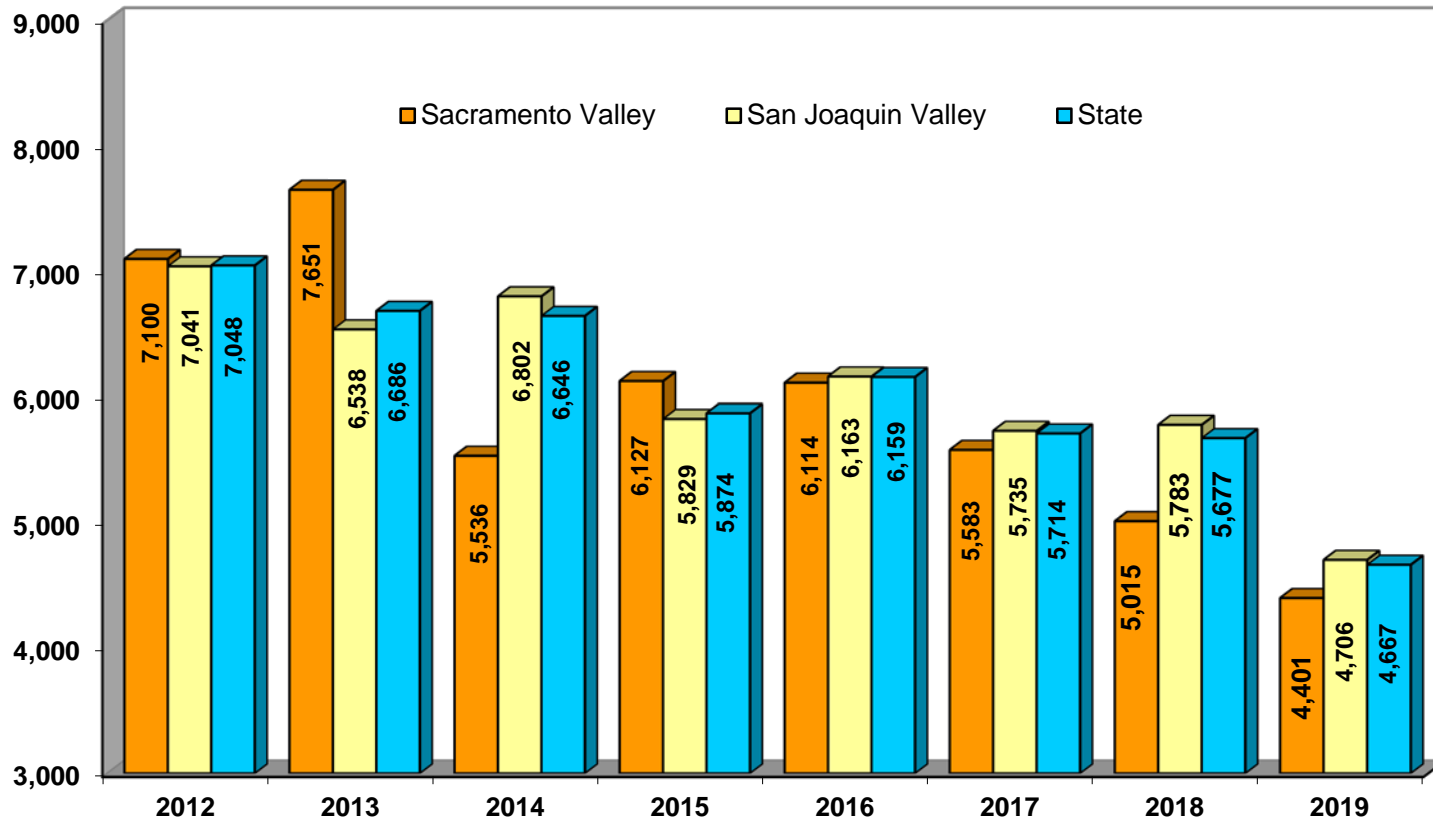
Almond Set 2017 – 2019

Average nuts per tree

	2017	2018	2019	% Change
California	5,714	5,677	4,667	-17.8%

ALMONDS

Nuts per Tree, by District

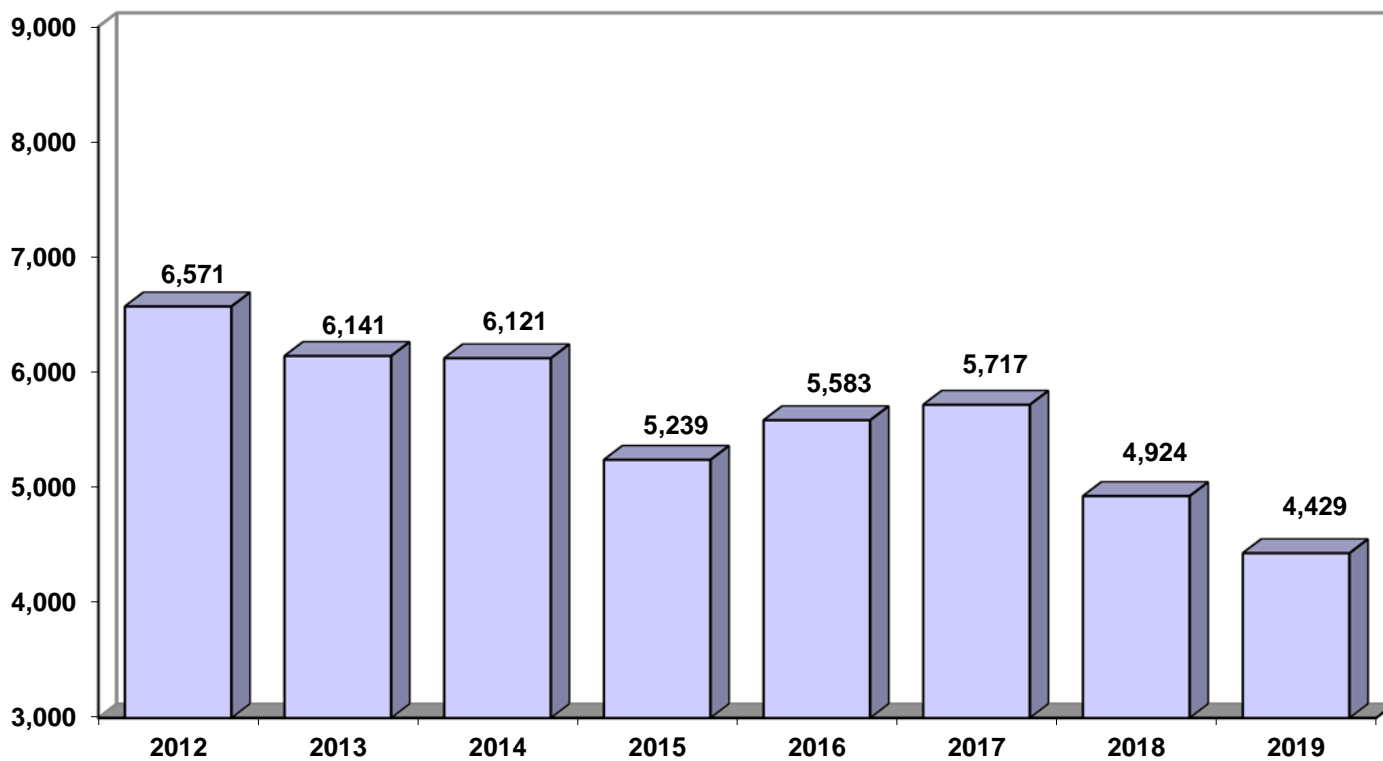




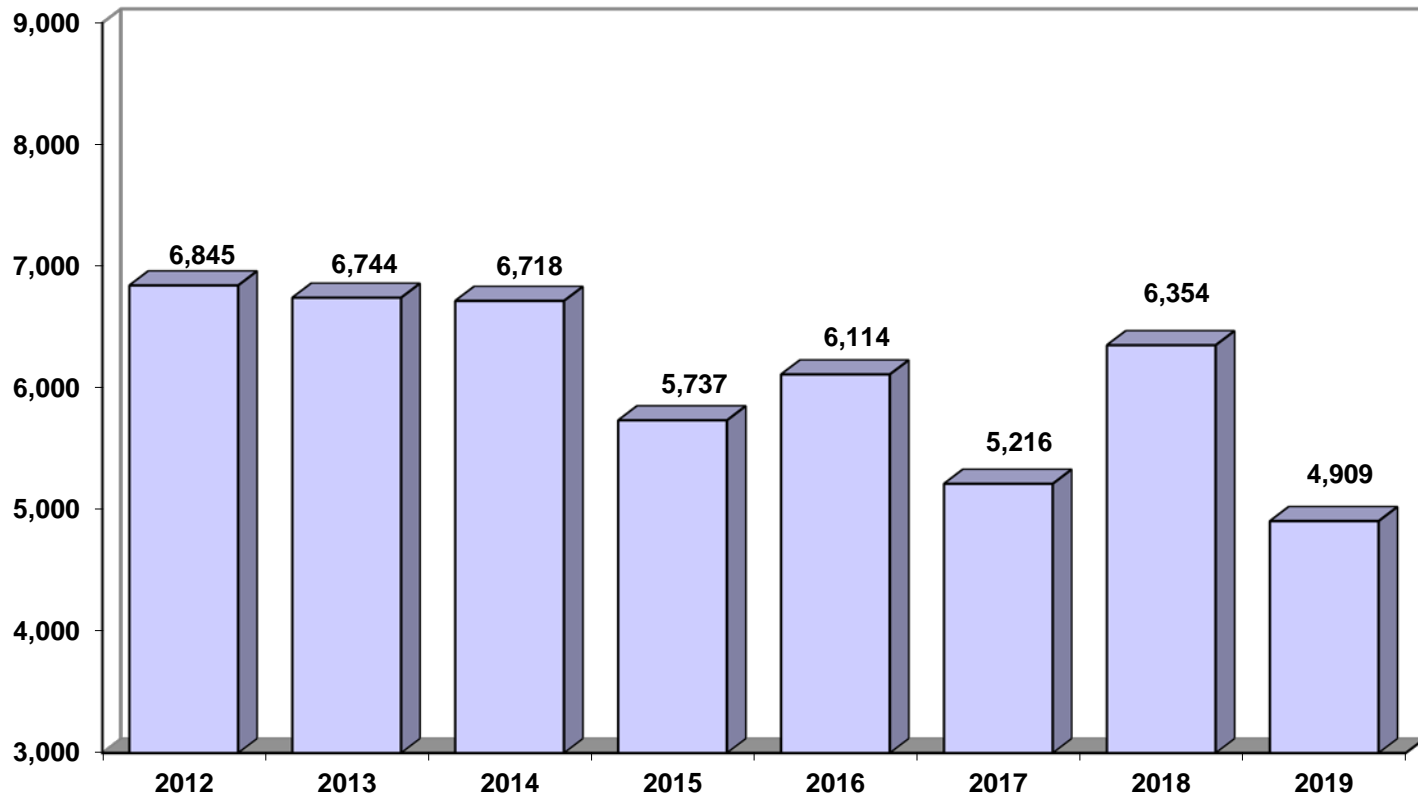
Almond Set per Tree by Variety, 2017 - 2019

	2017	2018	2019	% Change
Butte	6,574	5,989	5,261	-12.2
California Types	5,216	6,354	4,909	-22.7
Carmel	5,456	6,353	4,865	-23.4
Monterey	4,655	5,362	4,426	-17.5
Nonpareil	5,717	4,924	4,429	-10.1
Padre	7,168	6,732	4,928	-26.8

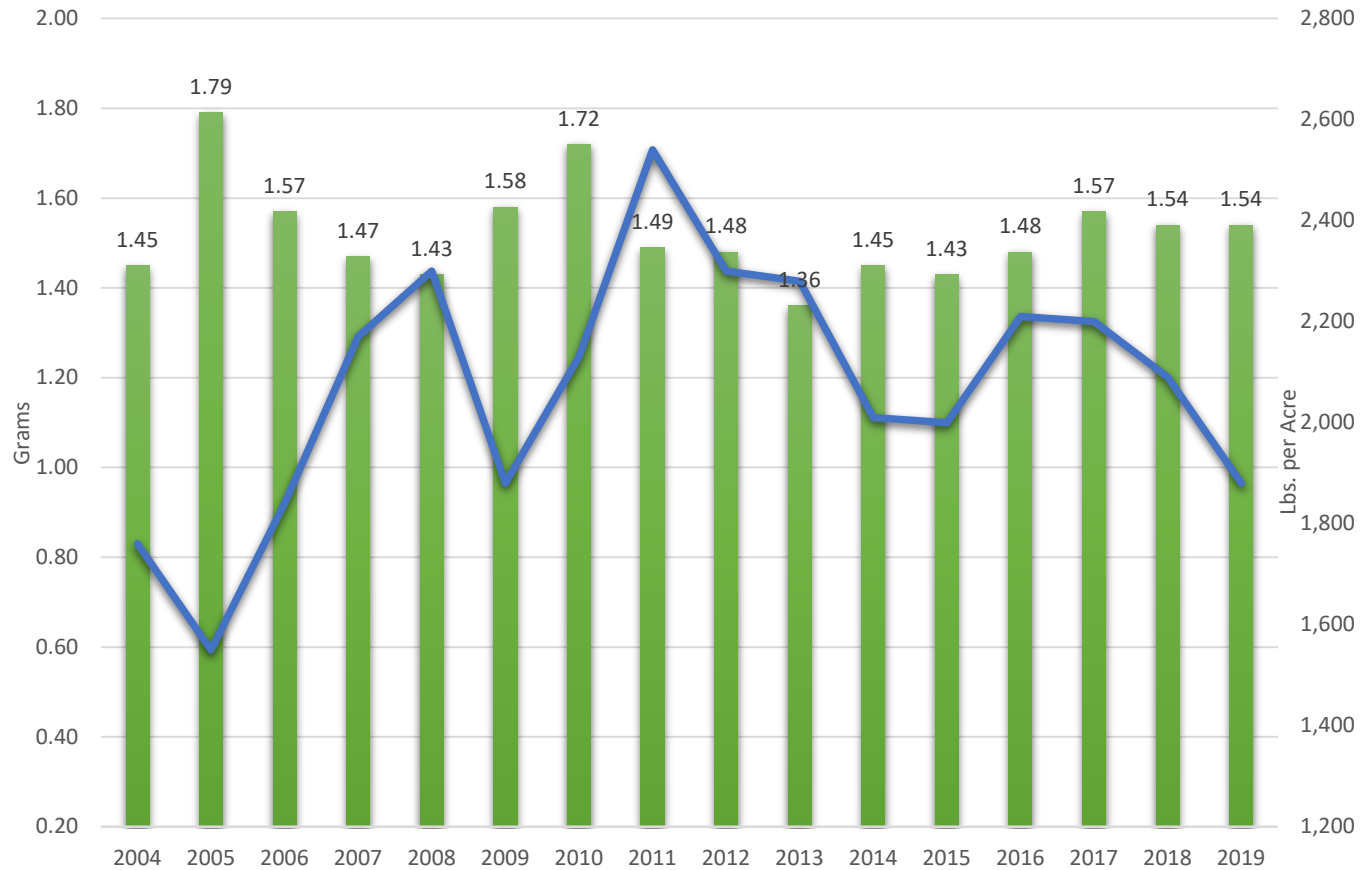
NONPAREIL TYPE Nuts per Tree



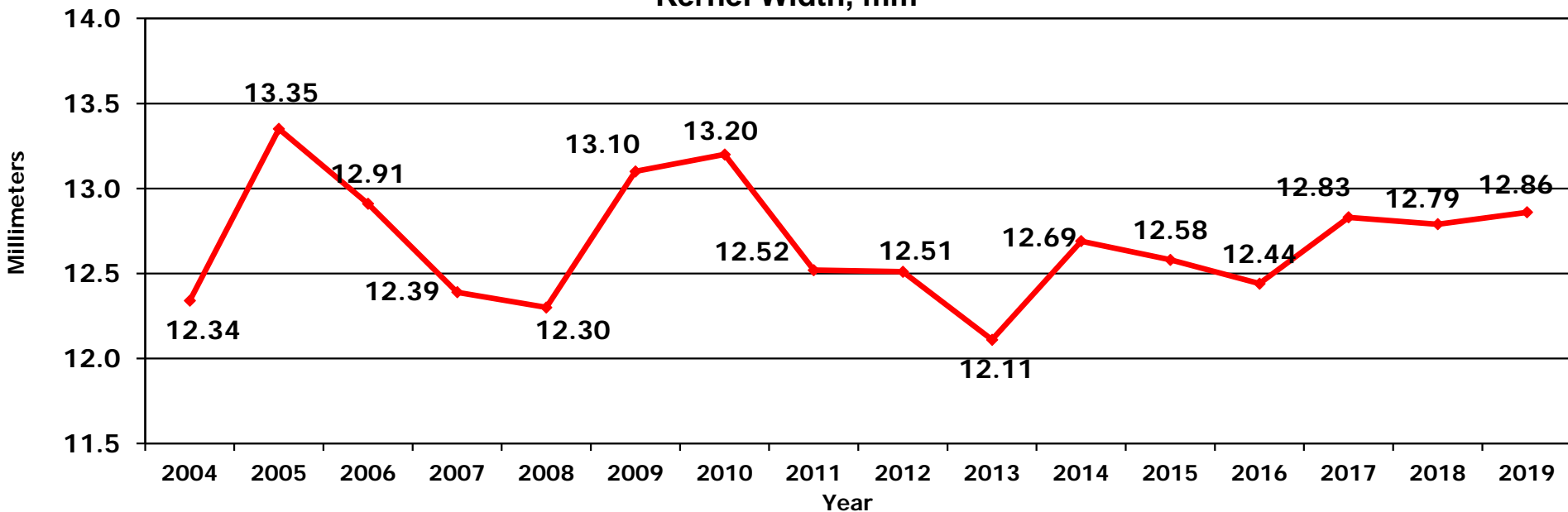
CALIFORNIA TYPE Nuts per Tree



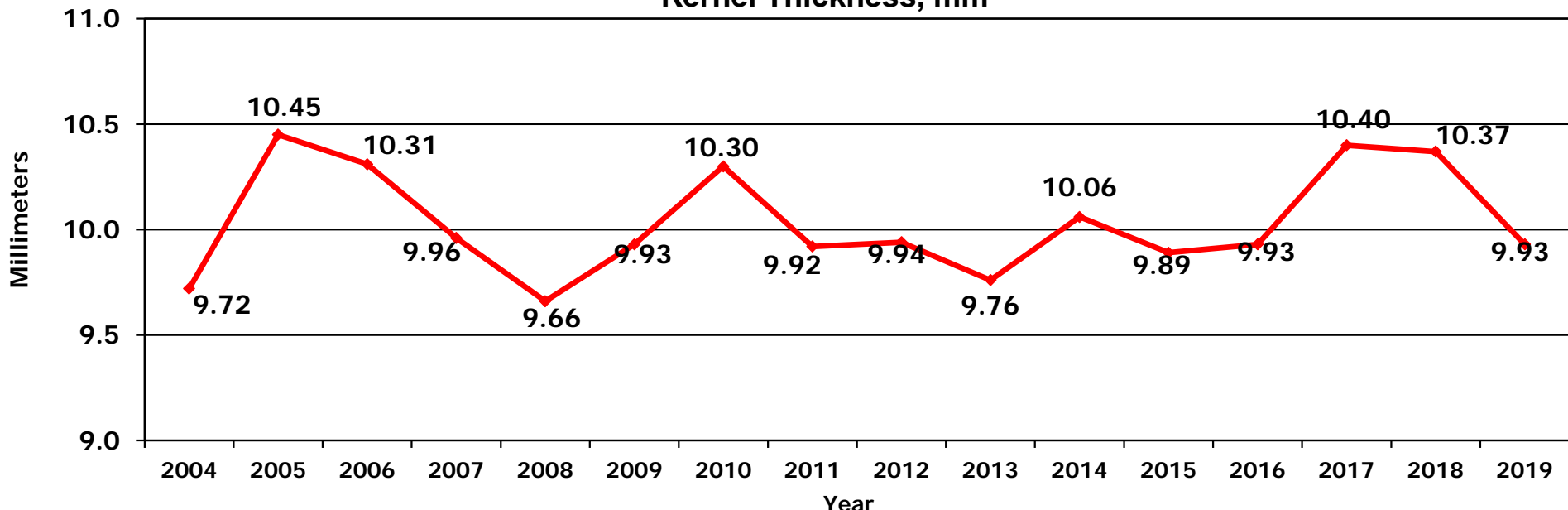
Average Nut Weight (grams) vs. Yield



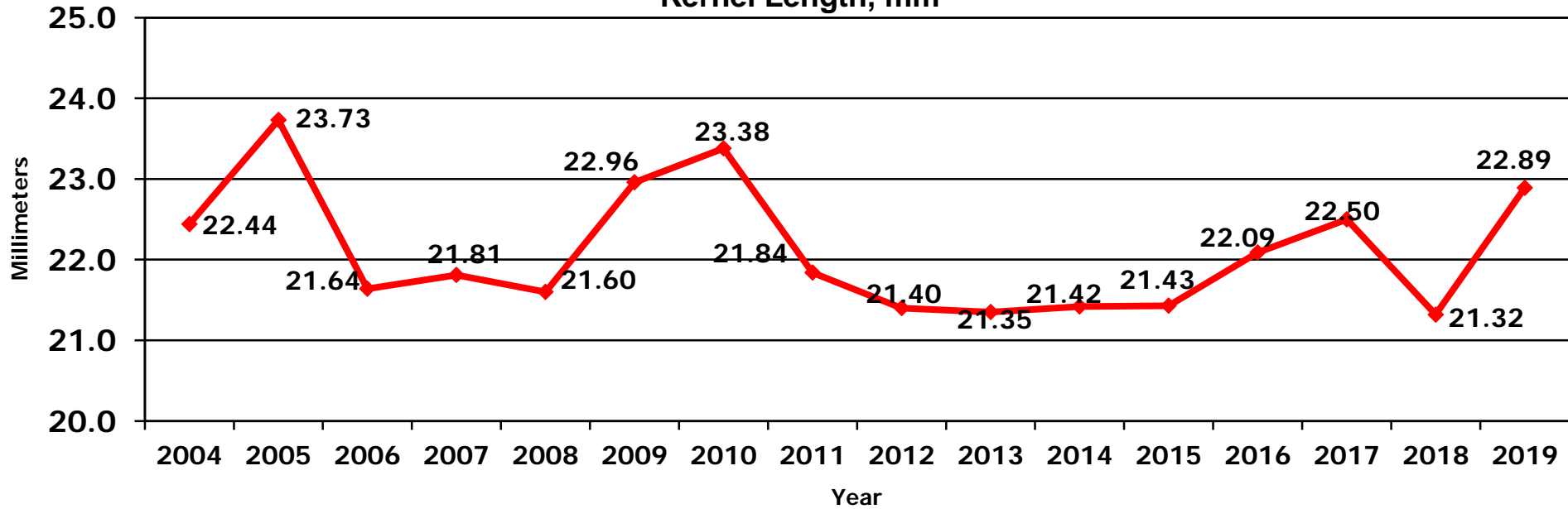
ALMONDS
Kernel Width, mm



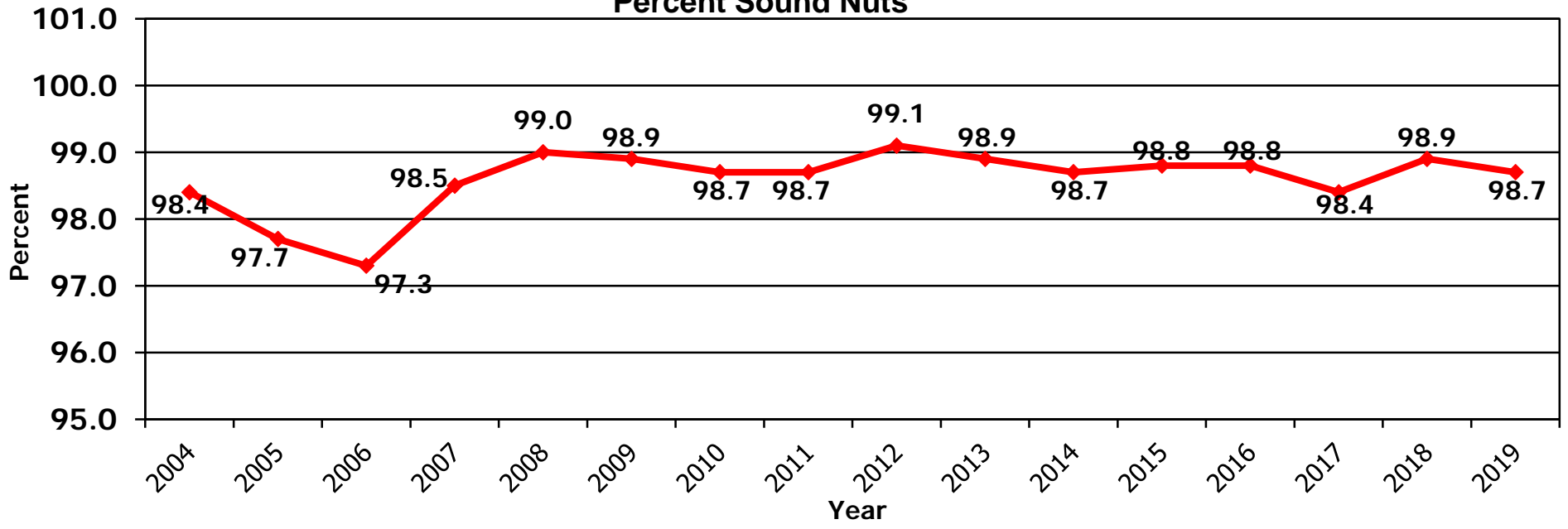
ALMONDS
Kernel Thickness, mm



ALMONDS Kernel Length, mm



ALMONDS Percent Sound Nuts



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



2019 OM Almond Forecast



2.20 Billion Meat Pounds
(-3.5 Percent)

Bearing Acres: 1,170,000
(Trees Planted 2016 and earlier)

Yield: 1,880 Pounds
(-10.0 % Percent)

2019 Almond OM Forecast



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