

Development of Florida's Citrus Forecast

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Forecasting Model Direct Expansion (D.E.) =

$$\begin{array}{c} \text{Number} \\ \text{of} \\ \text{Bearing} \\ \text{Trees} \end{array} \times \frac{\text{Fruit per Tree} \times \text{Harvest Percent}}{\text{Number of Fruit per Box}}$$

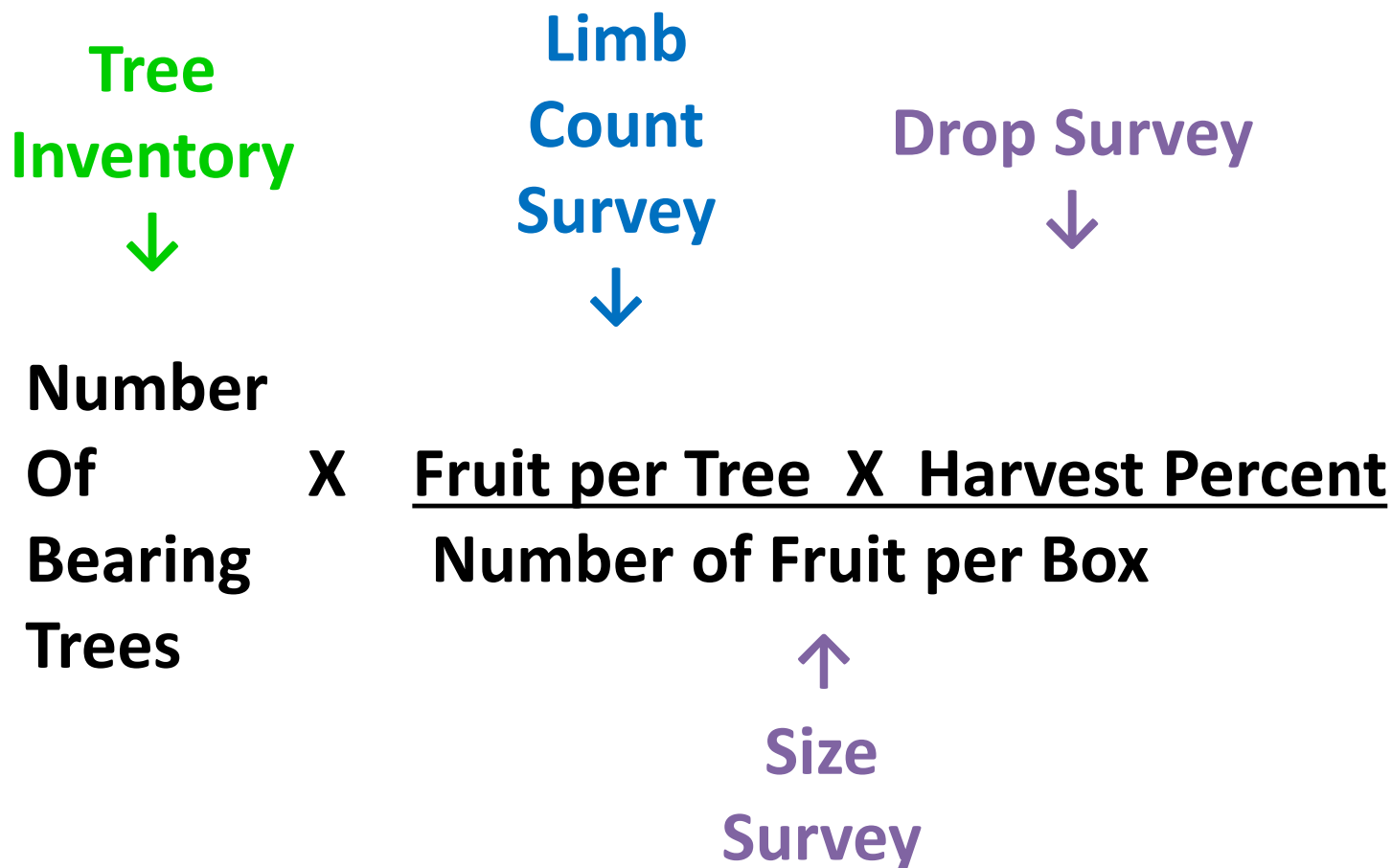
The forecasting model has 4 components.

Surveys are designed to represent the 5 growing areas and 5 age groups of Florida citrus.

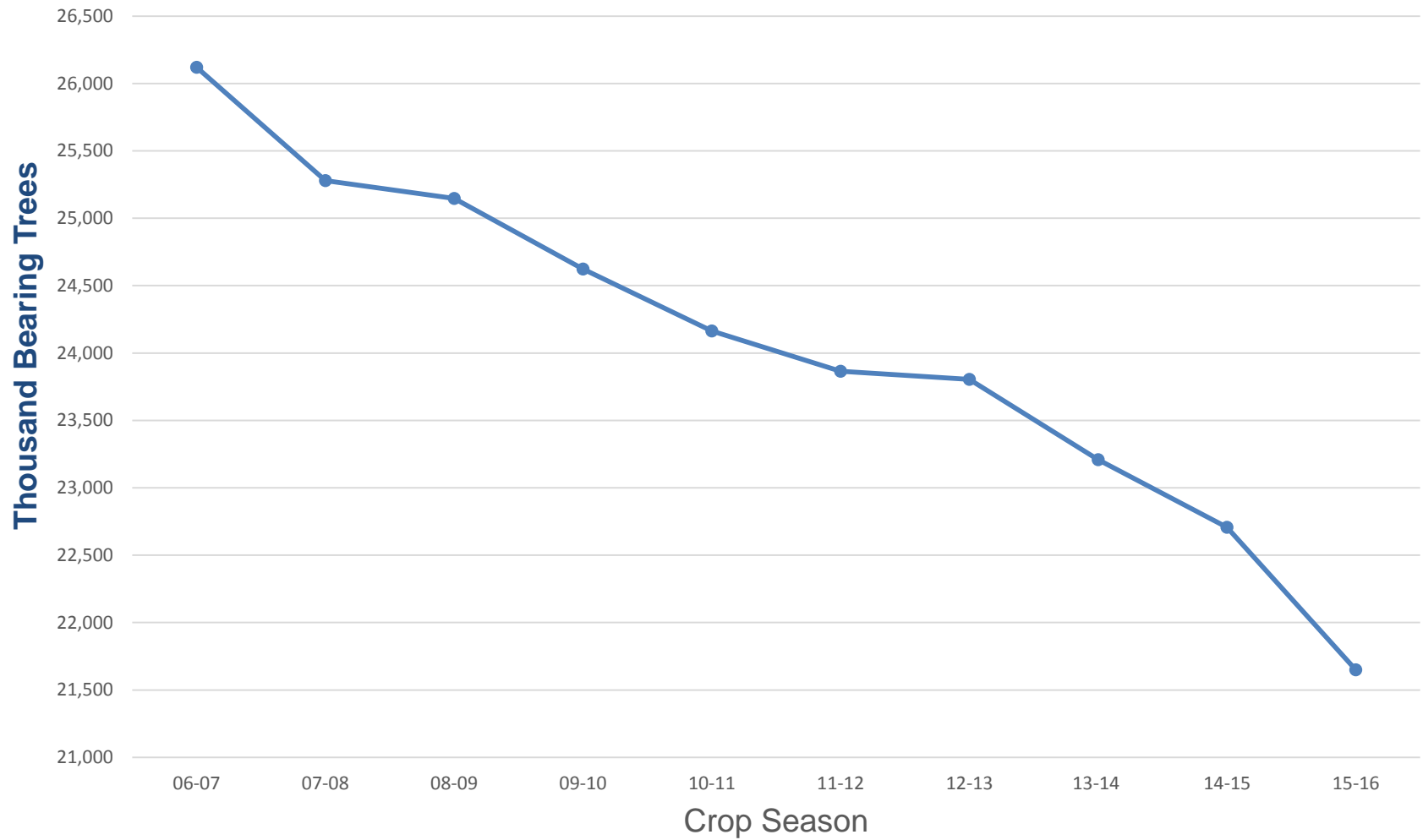
The number of samples required is determined by the desired confidence interval.

Full-time staff members, assisted by OPS employees, collect and update data year round.

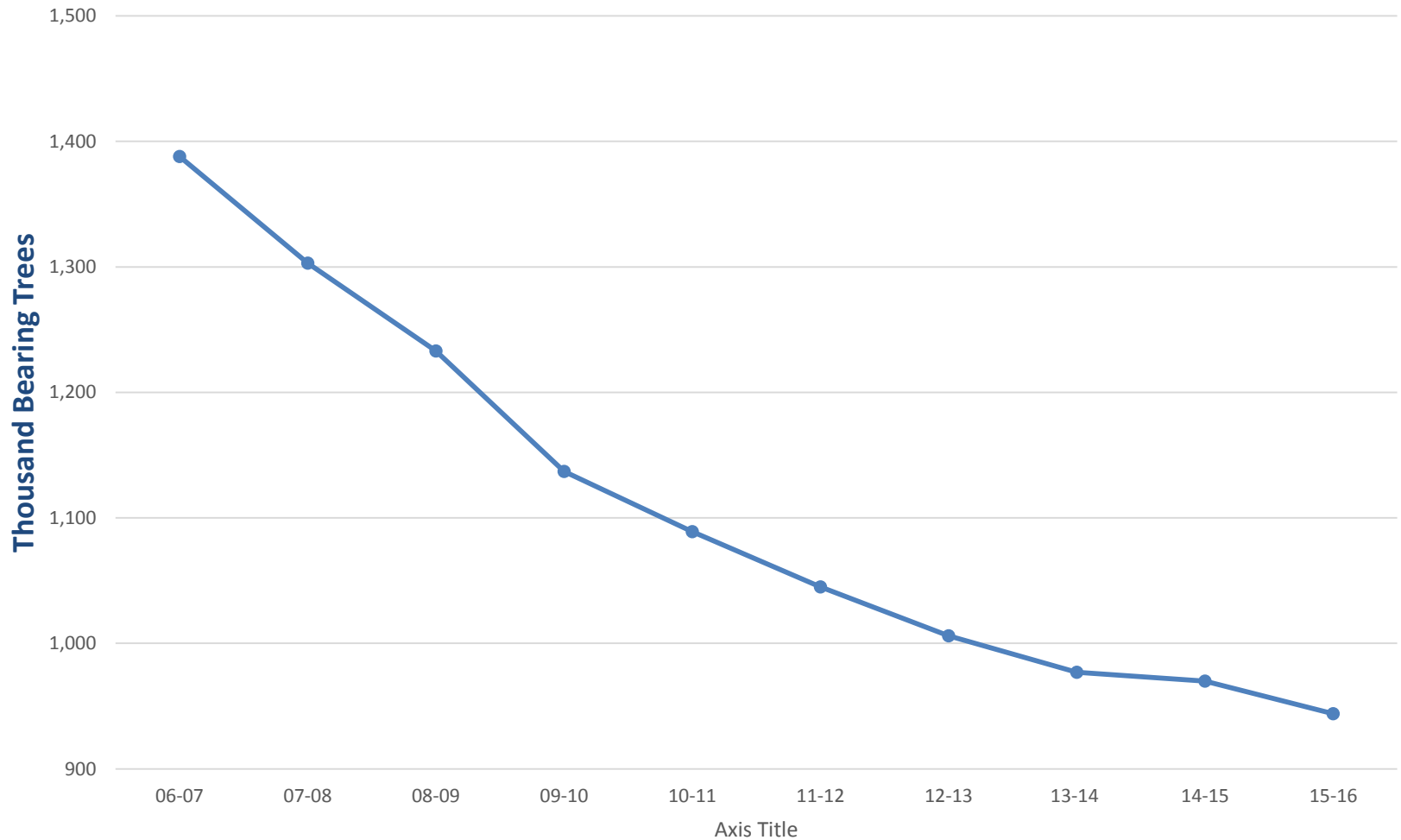
Forecasting Model Direct Expansion (D.E.) =



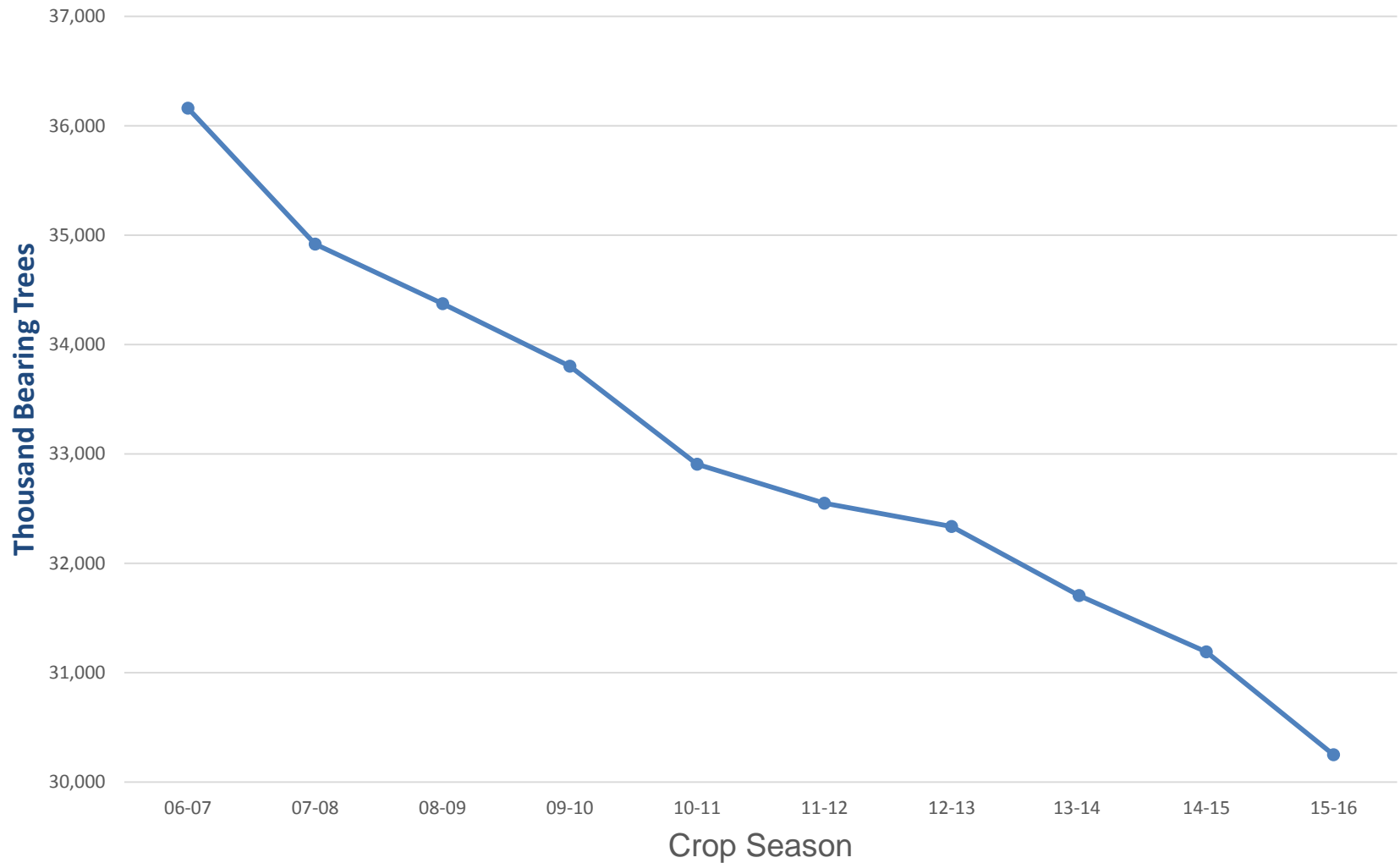
Early - Mid Oranges Thousand Bearing Trees



Navel Oranges in Thousand Bearing Trees

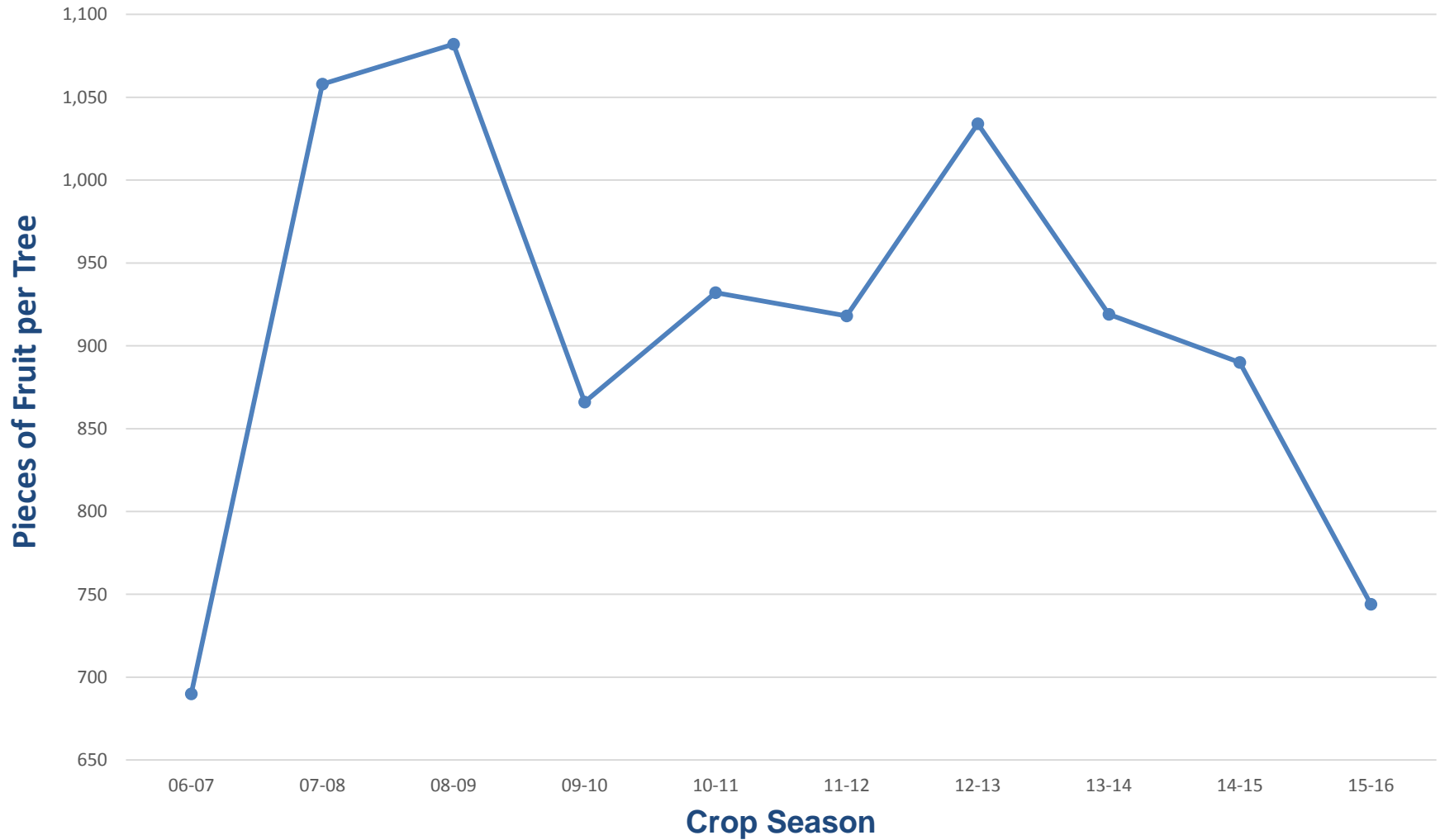


Valencia Oranges in Thousand Bearing Trees

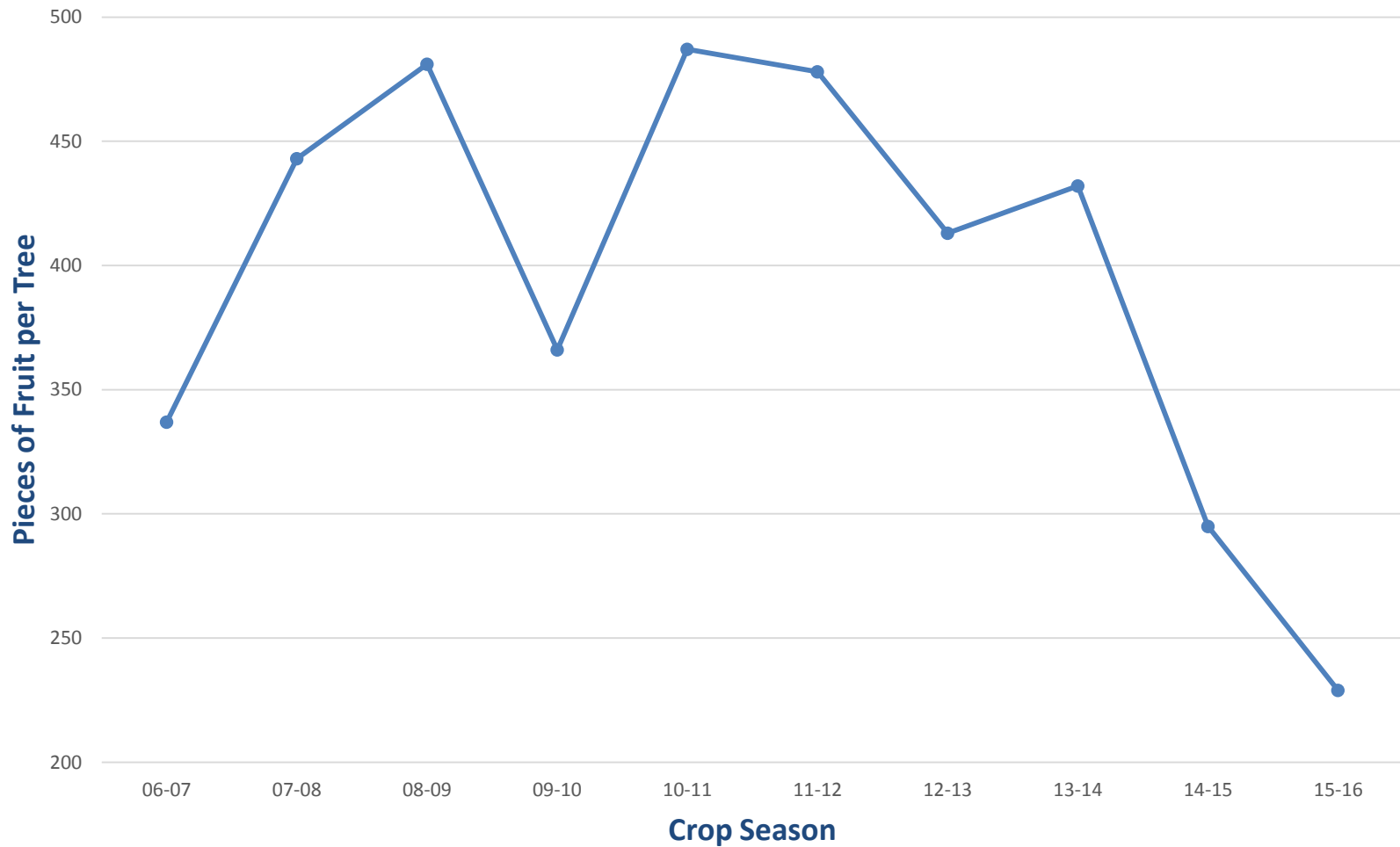




Early - Mid Oranges Fruit per Tree



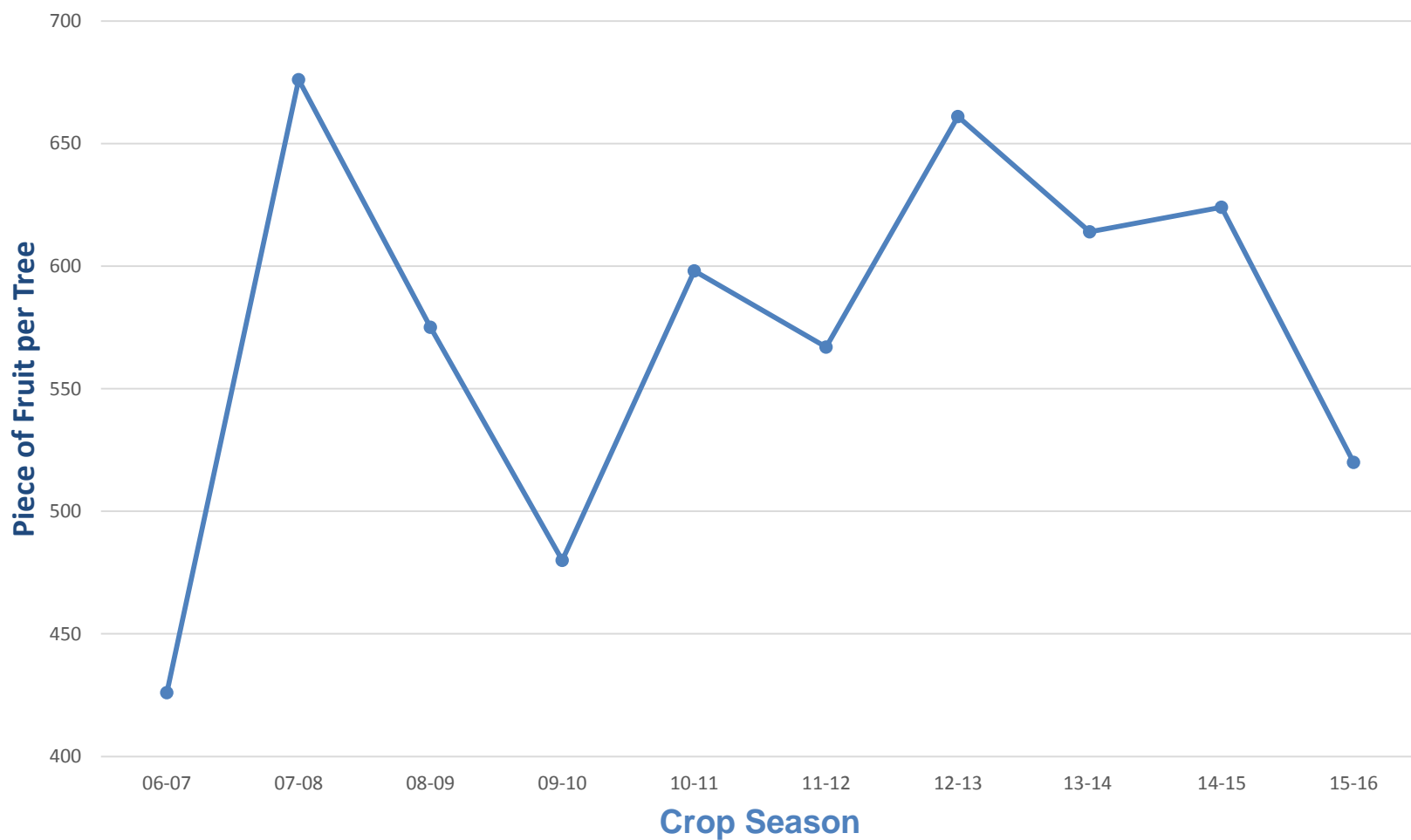
Navel Fruit per Tree



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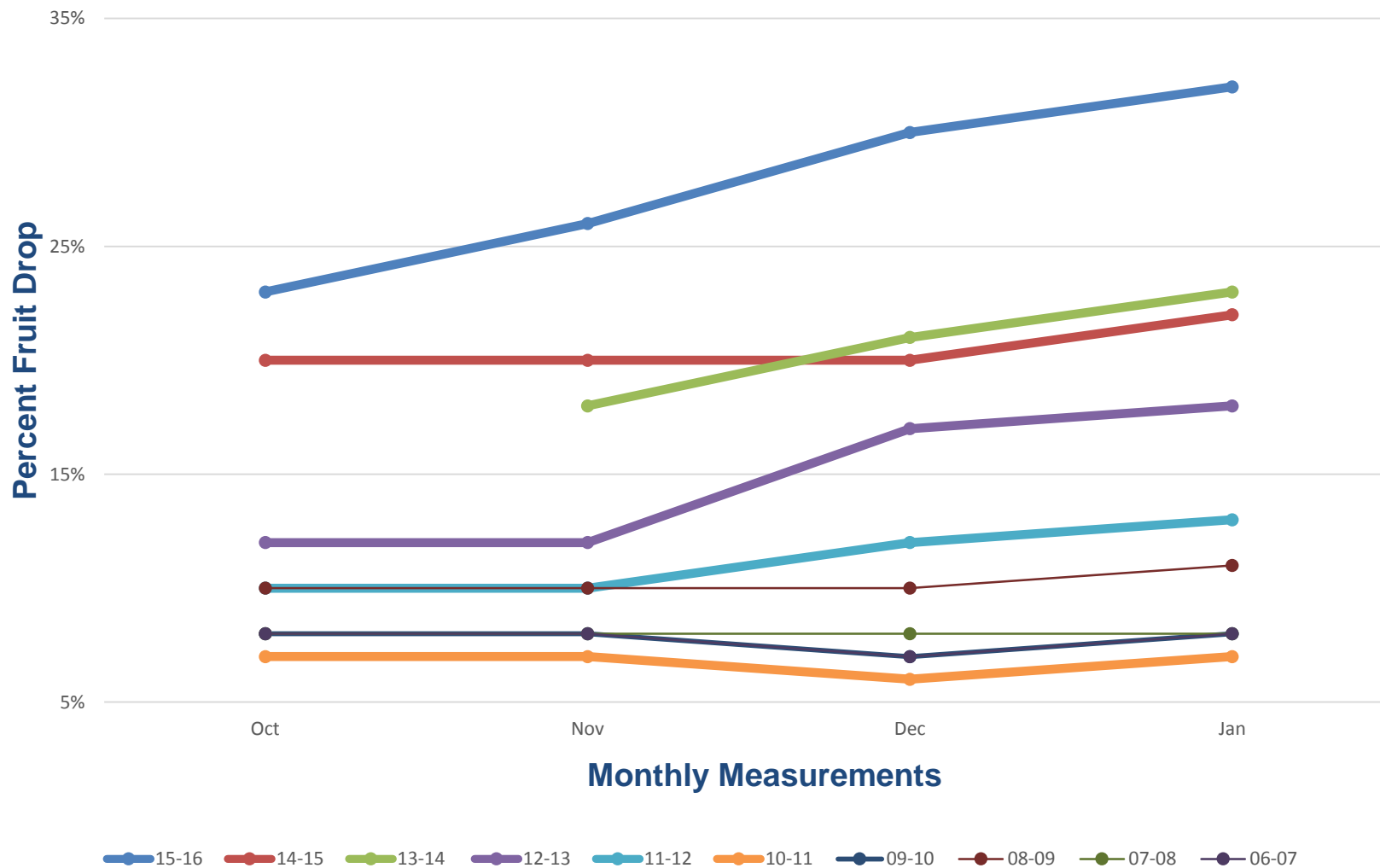
Valencia Orange Fruit per Tree



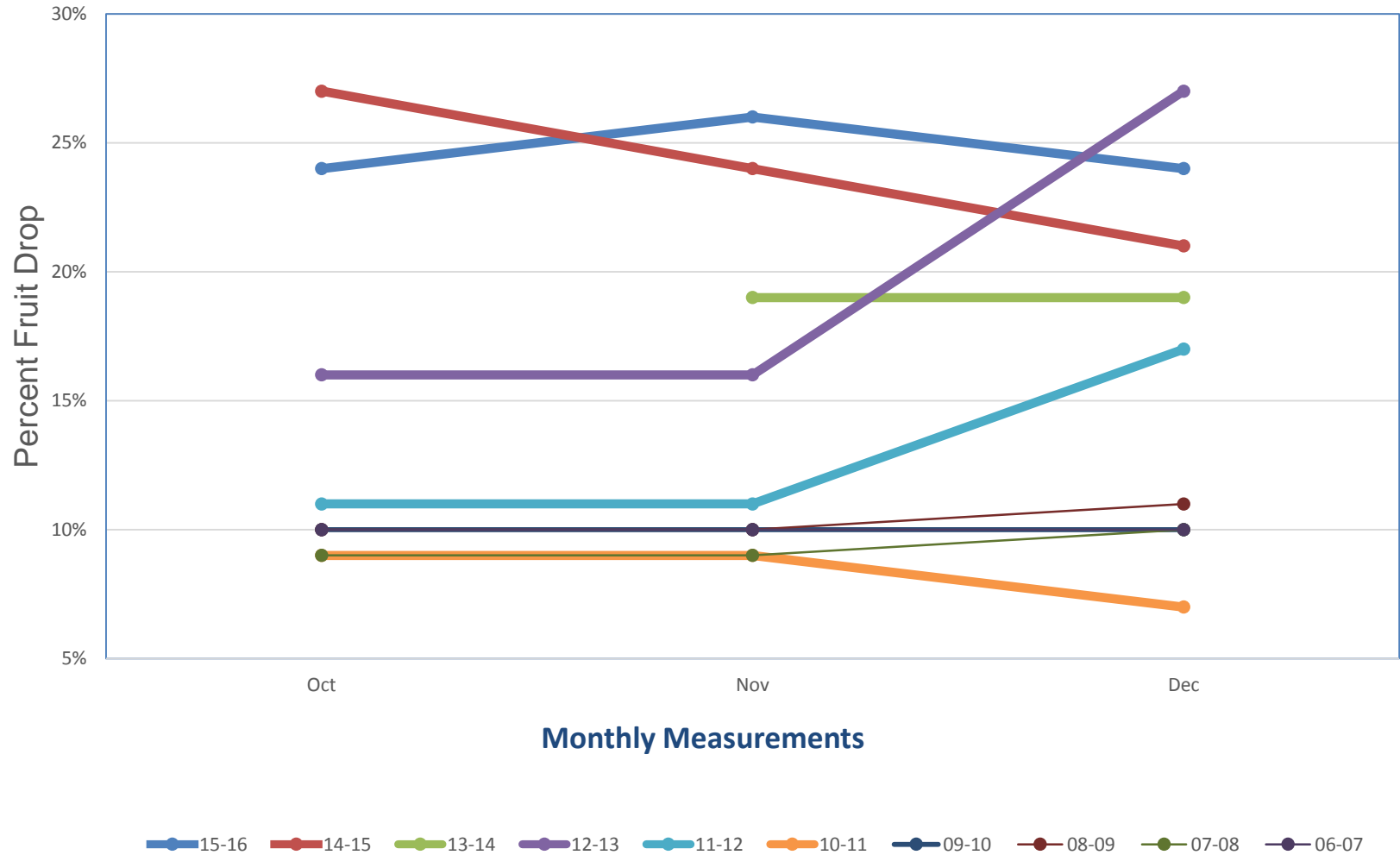
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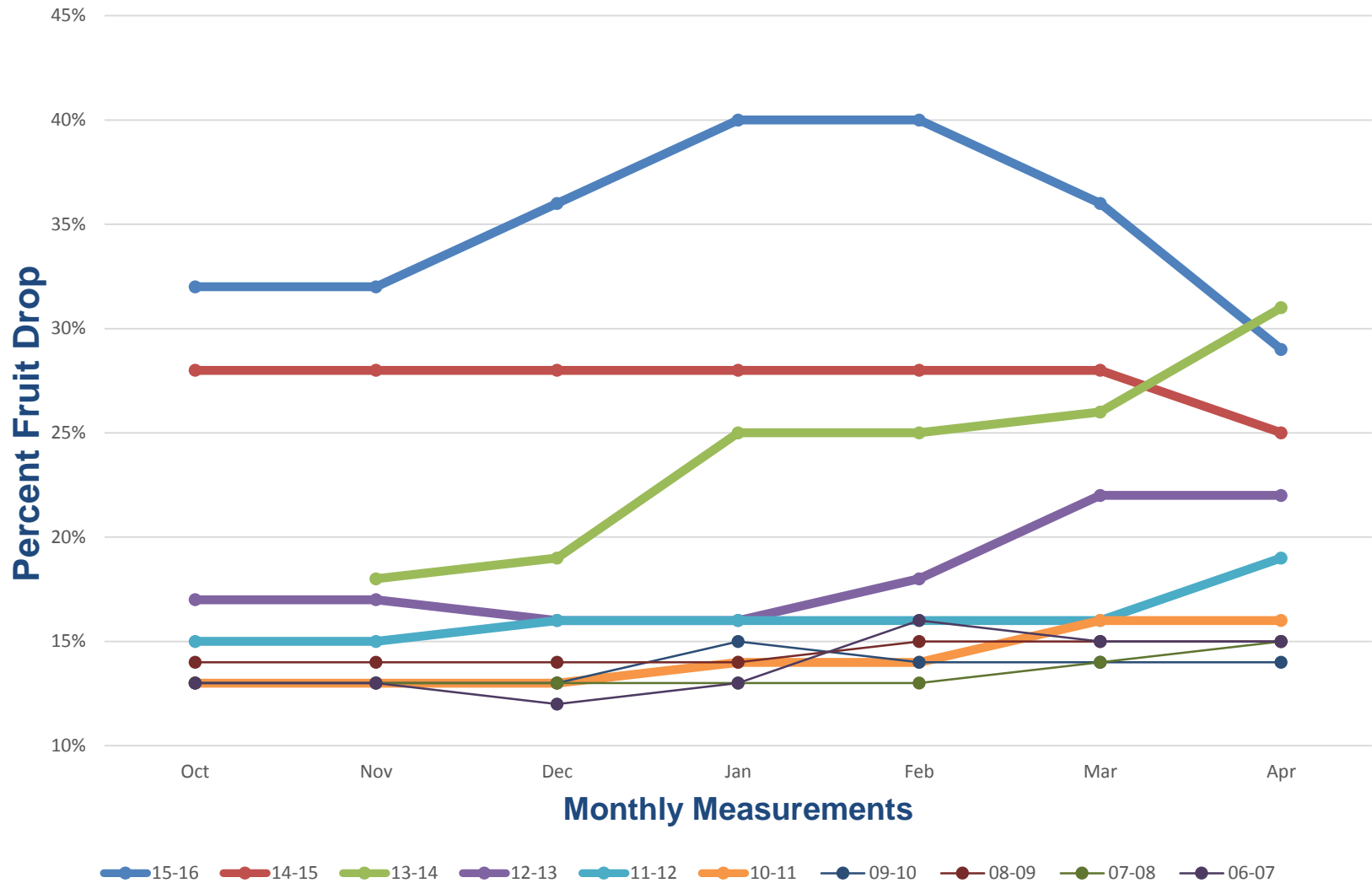
Non-Valencia Drop, Jan is Final



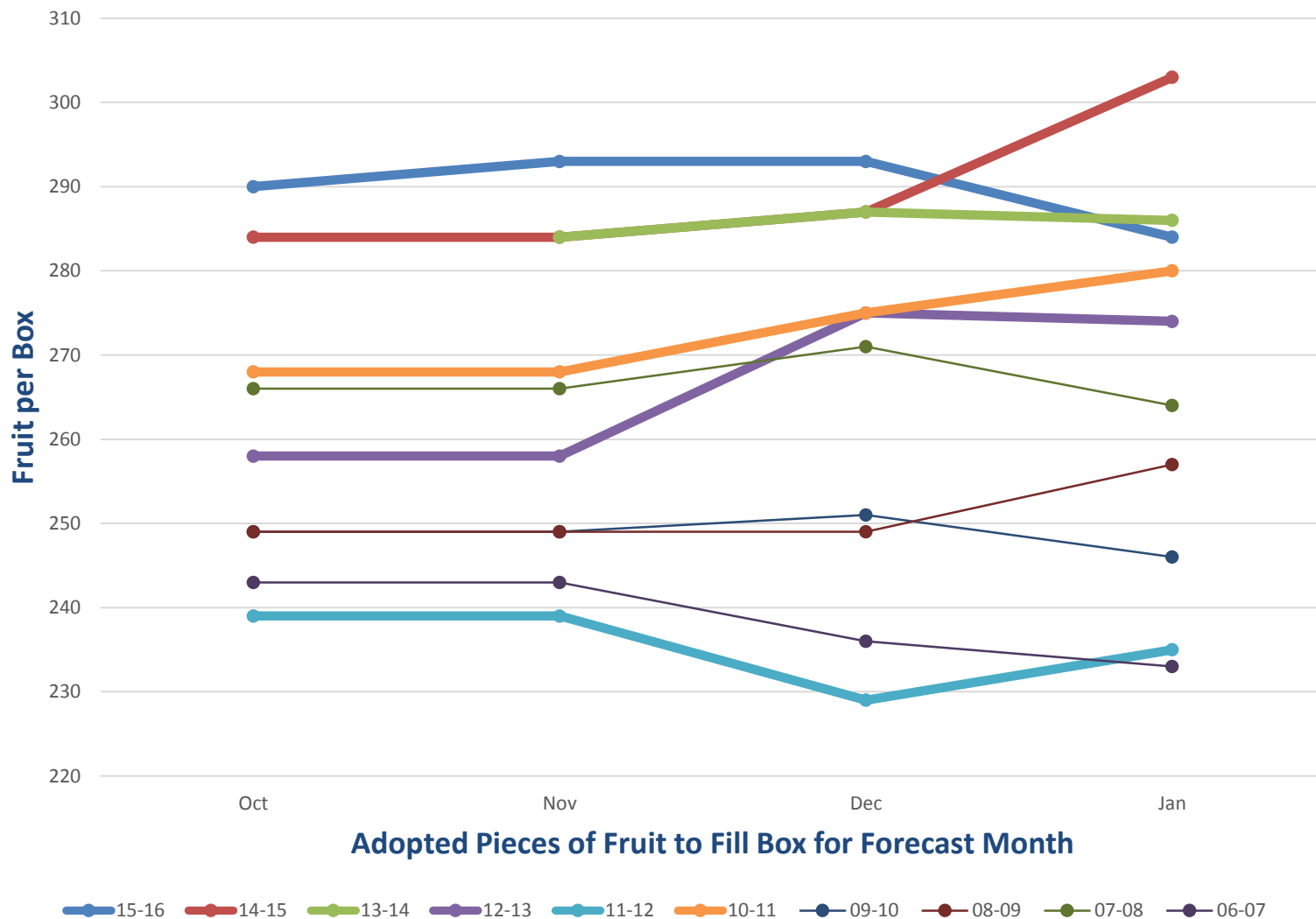
Navel Fruit Drop Percent, Dec is Final



Valencia Fruit Drop Percent, Apr is Final



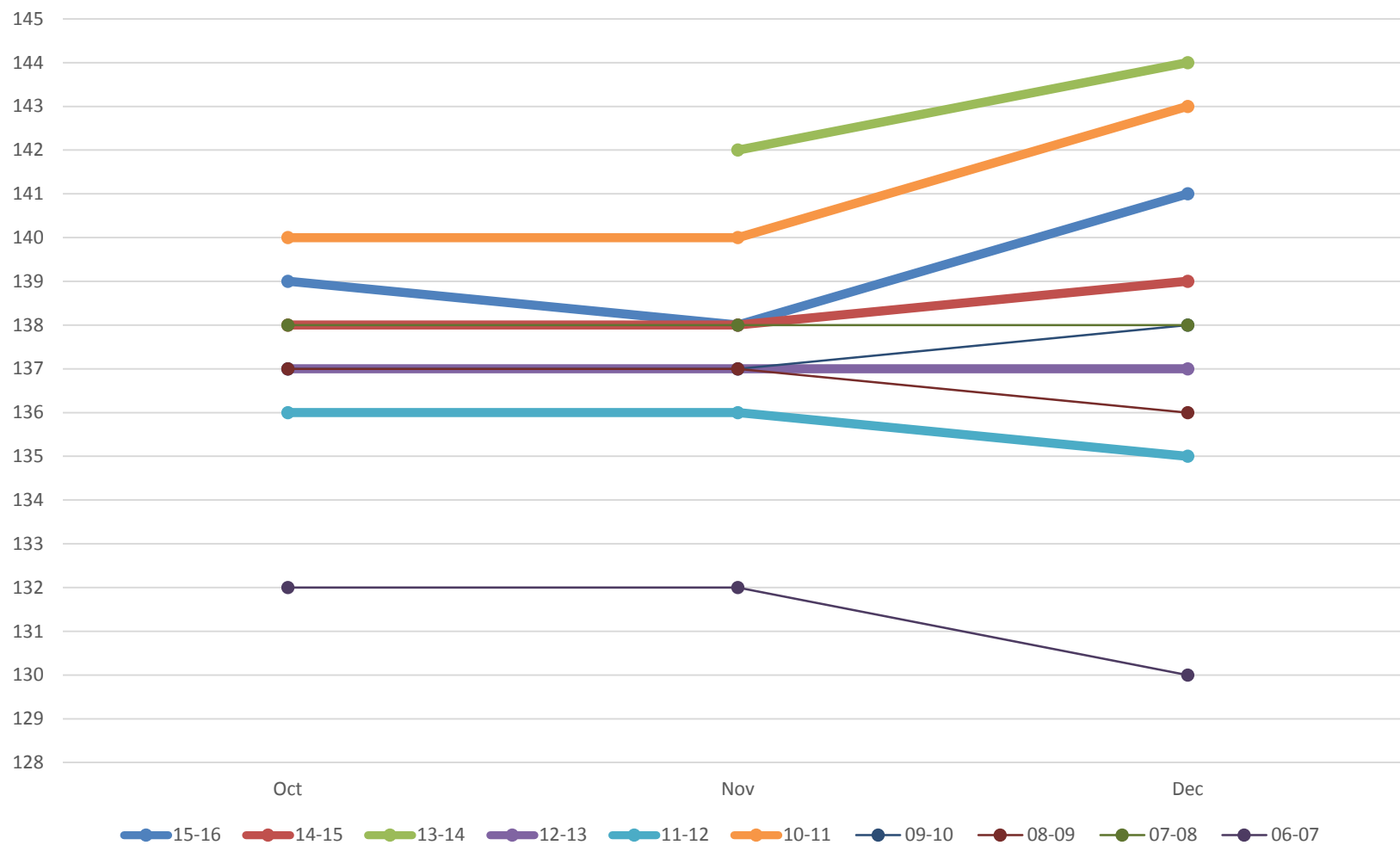
Pieces of Fruit per Box Non-Valencia Oranges, Jan is Final



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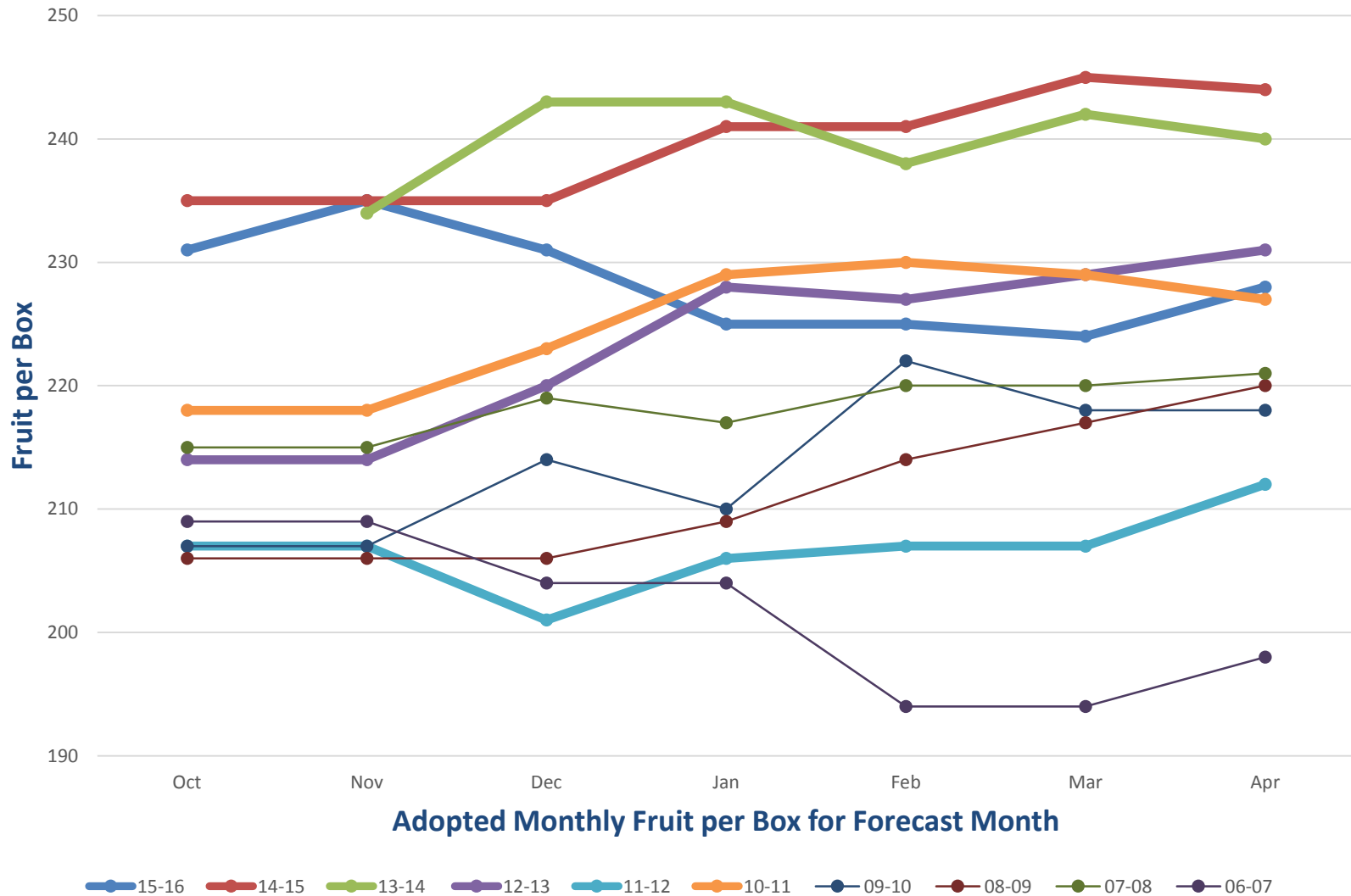
Pieces of Fruit per Box Navels, Dec is Final



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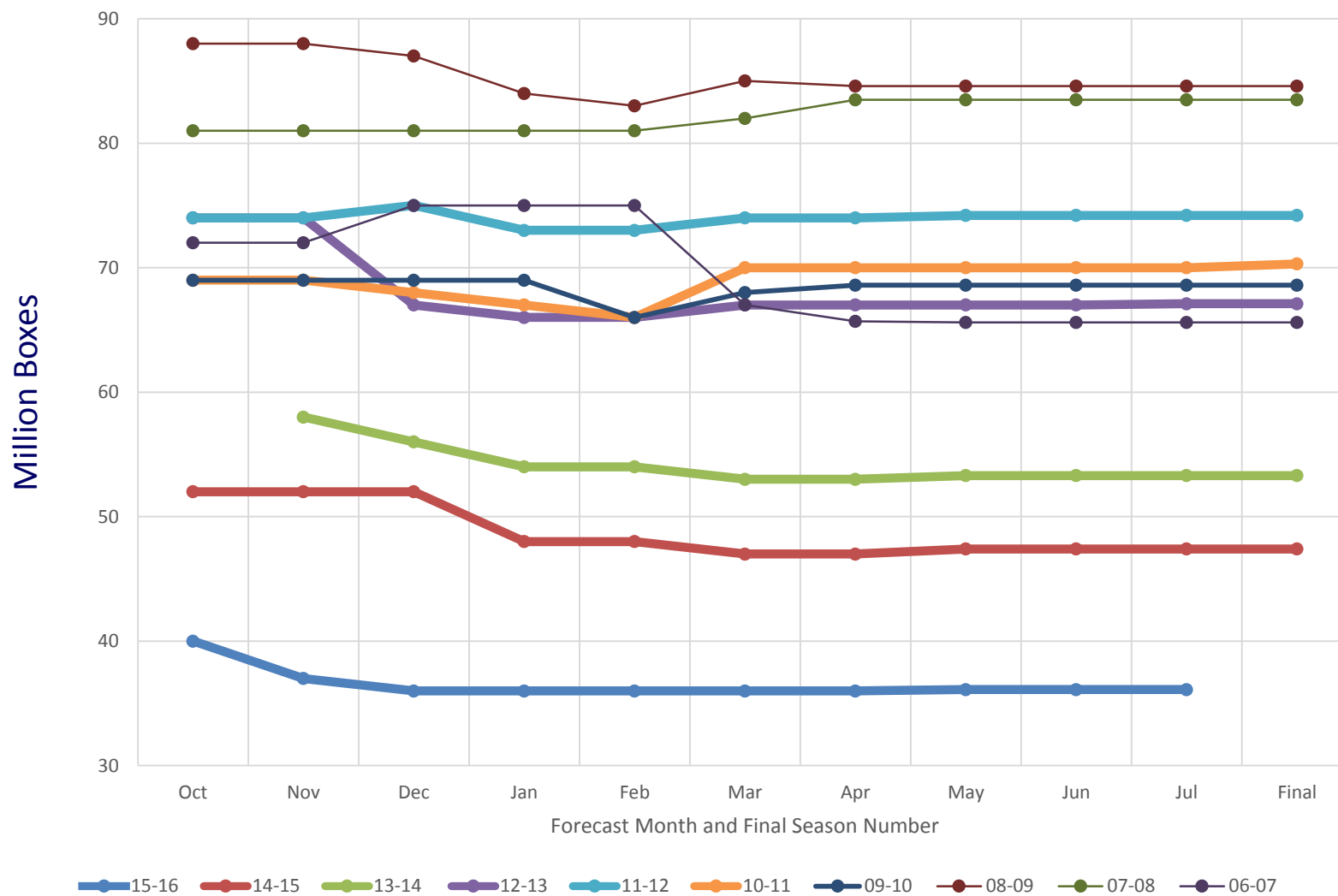
Pieces of Fruit per Box Valencias, April is Final



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Florida Non-Valencia Orange Forecasts



Florida Valencia Orange Forecasts

