



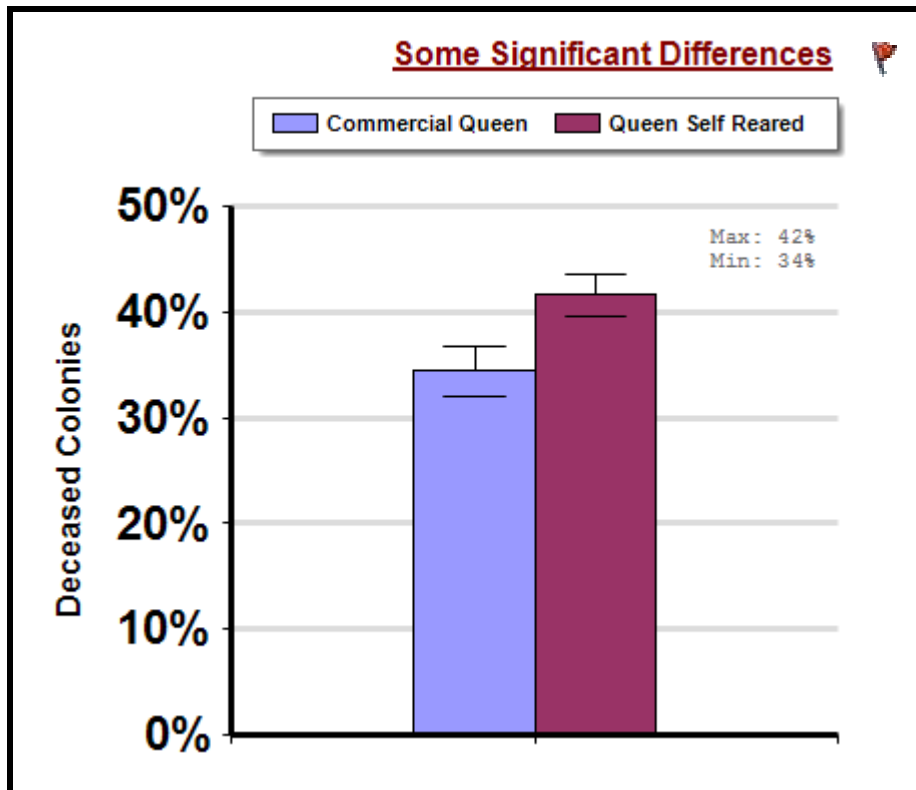
# Queen Replacement By Queen Source Origin

Management Survey 2015

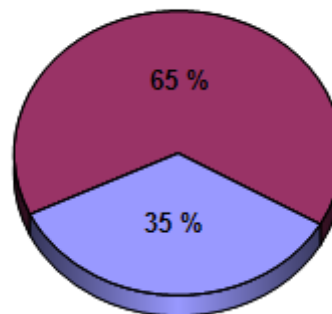
Average winter colony mortality suffered by beekeepers who reported replacing queens in their colonies between April and March by the source of the queens used for replacement.

## Winter

Report ID: 230-2015



## Participant Ratio



## Interpretation

Beekeepers who purchased their queens from a commercial queen breeder reported 7.2 fewer overwintering colony deaths out of 100 managed colonies (17.3% fewer losses) than beekeepers who reared queens themselves.

## Survey Question

If you introduced mated or virgin queens and/or queen cells, where did you get the majority of these queens?

- Not applicable
- Do not know
- Queen self reared
- Commercial queen

|  |                   | Total Number of Respondents Providing Valid Responses | Total Number of Colonies Managed | Average Number of Colonies Managed |                | Average Colony Loss       |
|--|-------------------|---|----------------------------------|------------------------------------|----------------|---------------------------|
|  |                   |   |                                  | Mean                               | Standard Error | Mean(%) [Lower, Upper] CI |
|  | Commercial Queen  | 563   | 169,531                          | 301.1                              | 121.7          | 34.5 [32.1, 36.8]         |
|  | Queen Self Reared | 1,065   | 171,541                          | 161.1                              | 34.0           | 41.7 [39.7, 43.7]         |

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## Comments About This Data

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### Relevant Links, References, and Citations

Funded By:



United States  
Department of  
Agriculture

National Institute  
of Food  
and Agriculture

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