



# Queen Replacement By Queen Source Origin (East North Central)

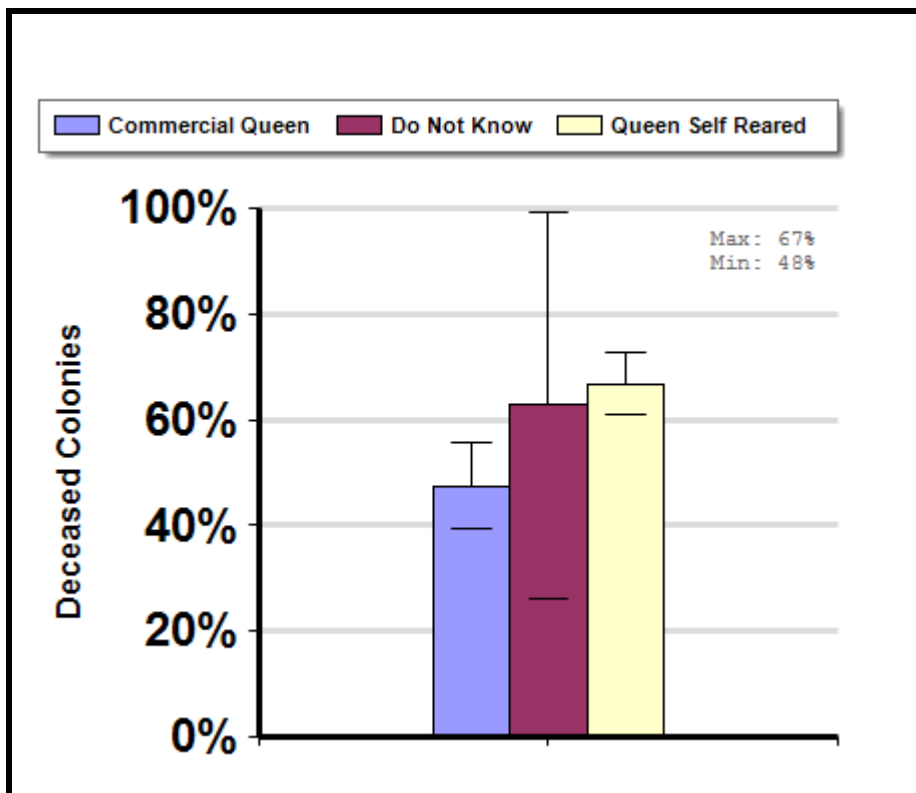
Management Survey 2013

( Filtered by: East North Central )

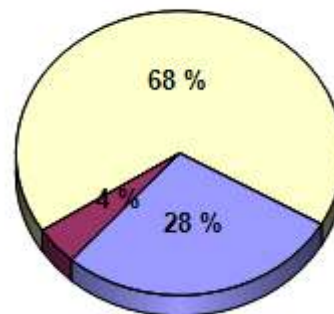
Average winter colony mortality suffered by beekeepers who reported replacing queens in their colonies between April and March by the source of the queens used for replacement.

## Winter

Report ID: 230-2013



## Participant Ratio



## 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	45	35,443	787.6	349.6	47.5 [39.2, 55.8]
	Do Not Know	7	157	22.4	9.9	62.8 [26.3, 99.3]
	Queen Self Reared	108	21,396	198.1	67.7	66.8 [60.9, 72.7]

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## Comments About This Data

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### Relevant Links, References, and Citations



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