



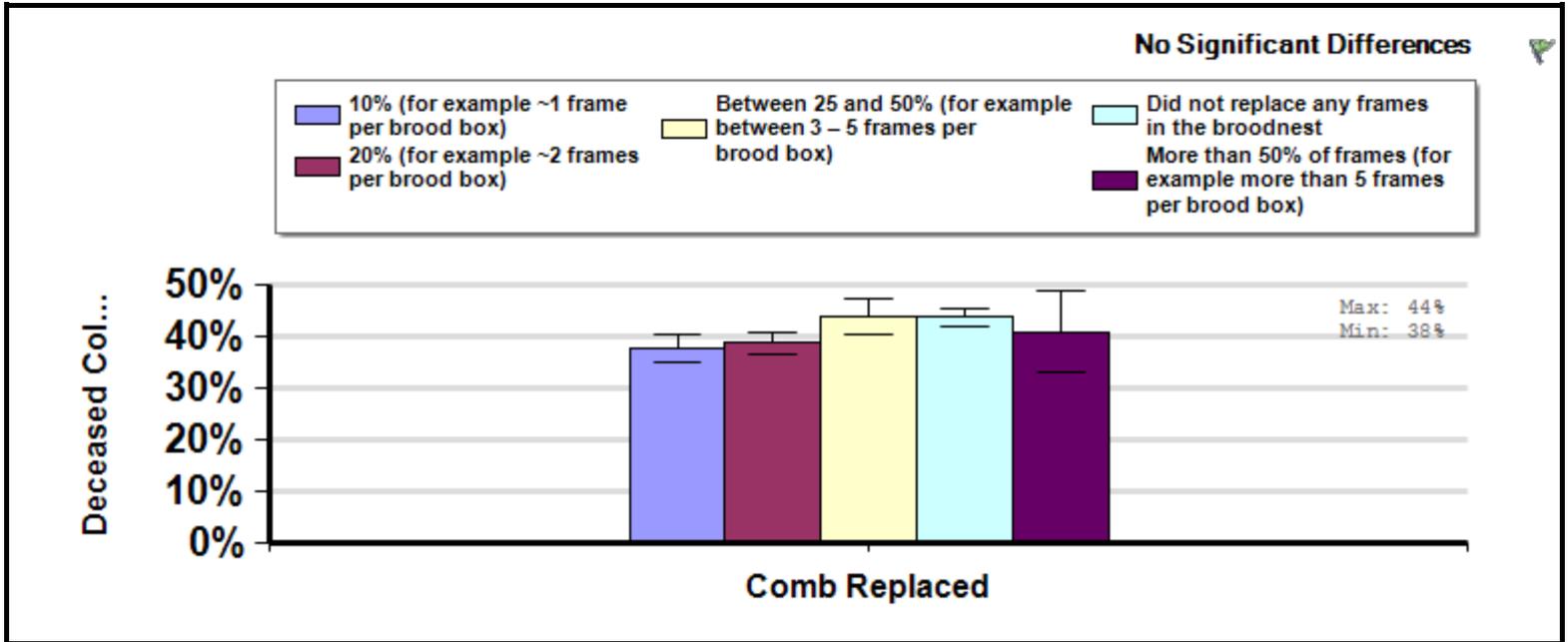
# Degree of Brood Comb Replacement

Management Survey 2015

Average winter colony mortality reported by beekeepers who replaced different percentages of their brood nest comb in April to March.

## Winter

Report ID: 149-2015



## Interpretation

Beekeepers who replaced 10% or 20% of brood frames in their colonies reported significantly less overwintering colony deaths than beekeepers who did not replace any brood frames.

## Survey Question

On average, how many frames from the brood nest of your colonies did you replace last year? Select one of the following.

- Did not replace any frames in the brood nest
- 10% (for example ~1 frame per brood box)
- 20% (for example ~2 frames per brood box)
- Between 25 and 50% (for example between 3 – 5 frames per brood box)
- More than 50% of frames (for example more than 5 frames per brood box)
- Don't know
- Other (please specify)

		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

Comb Replaced	10% (for example ~1 frame per brood box)	571	107,548	188.4	56.2	37.8 [35.0,40.5]
	20% (for example ~2 frames per brood box)	816	82,334	100.9	23.3	38.7 [36.5,41.0]
	Between 25 and 50% (for example between 3 – 5 frames per brood box)	394	45,023	114.3	55.7	44.0 [40.5,47.4]
	Did not replace any frames in the broodnest	1,782	9,957	5.6	0.5	43.7 [41.9,45.5]
	More than 50% of frames (for example more than 5 frames per brood box)	82	847	10.3	2.7	40.9 [33.0,48.7]

## Comments About This Data

### Relevant Links, References, and Citations

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Department of  
Agriculture

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