



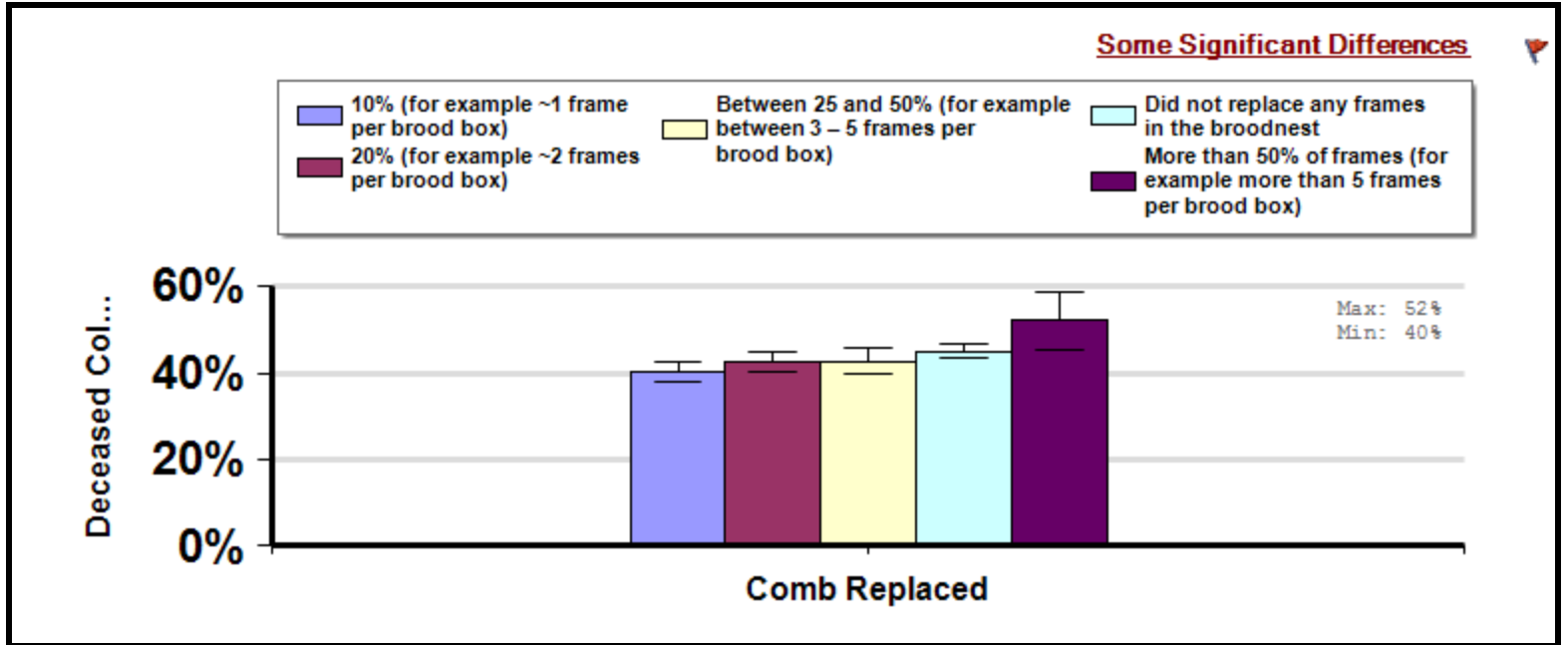
Degree of Brood Comb Replacement

Management Survey 2013

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

Winter

Report ID: 149-2013



Interpretation

Beekeepers who replaced 50% or more of the comb in their colonies lost 11.9 more colonies per 100 managed colonies, or an average of 22.9% more colonies than those who only replaced 10% of the brood comb in their colonies. Similarly, beekeepers who replaced 50% or more of the comb in their colonies lost 9.5 more colonies per 100 managed colonies, or an average of 18.3% more colonies than those who only replaced 20% of the brood comb in their colonies.

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 broodnest
- 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)	669	181,164	270.8	58.8	40.1 [37.7,42.5]
	20% (for example ~2 frames per brood box)	794	172,205	216.9	97.1	42.5 [40.2,44.7]
	Between 25 and 50% (for example between 3 – 5 frames per brood box)	452	91,664	202.8	71.4	42.7 [39.6,45.9]
	Did not replace any frames in the broodnest	1,809	63,544	35.1	10.7	45.0 [43.3,46.8]
	More than 50% of frames (for example more than 5 frames per brood box)	109	16,255	149.1	124.2	52.0 [45.3,58.7]

Comments About This Data

Relevant Links, References, and Citations

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