



Degree of Brood Comb Replacement By Region

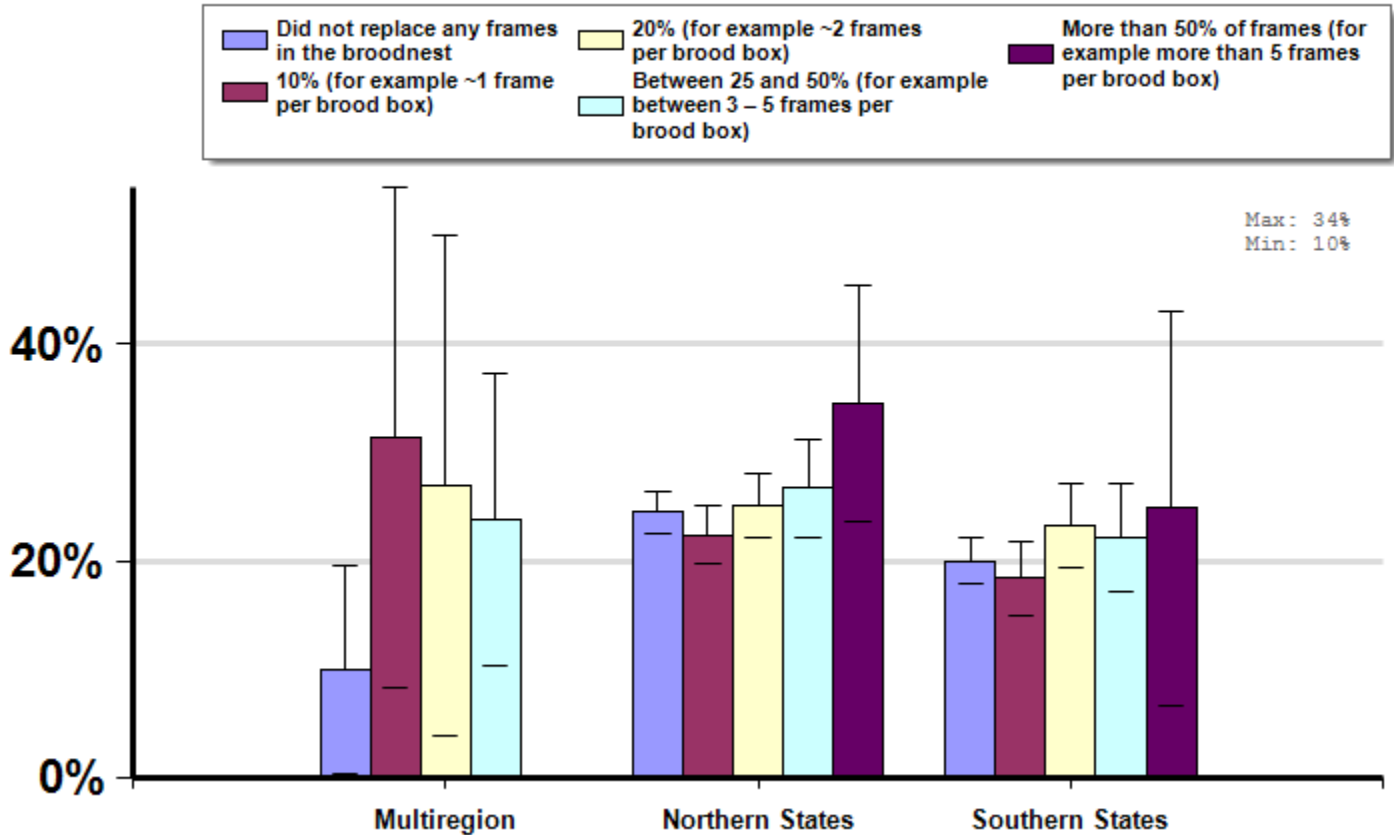
Management Survey 2012

Average winter colony mortality suffered by beekeepers who replaced different percentages of their brood nest comb the previous year by region of operation.

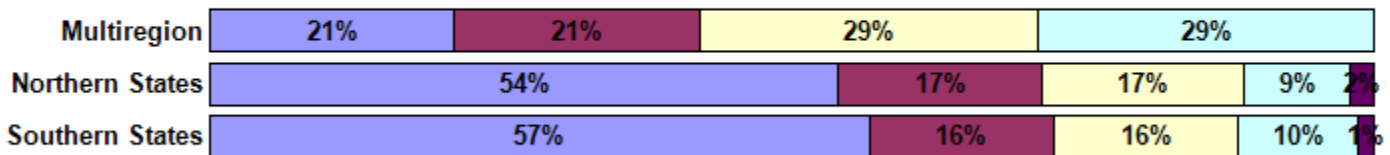
Winter

Report ID: 152-2012

No Significant Differences (within regions)



Respondent Ratio



Interpretation

No differences between regions.

Survey Question

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

- Did not replace any frames in the brood nest
- 10% (for example ~1 frame per box)
- 20% (for example ~2 frames per brood box)
- Between 25 and 50% (for example ~3-5 frames per brood box)
- More than 50% of frames (for example more than 5 frames per brood box)

		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 95% CI	Upper 95% CI
Multiregion	Did not replace any frames in the broodnest	8	769	96.1	83.5	9.9	0.3	19.5
	10% (for example ~1 frame per brood box)	8	6,261	782.6	533.1	31.4	8.3	54.5
	20% (for example ~2 frames per brood box)	11	15,360	1396.4	1360.5	27.0	3.9	50.1
	Between 25 and 50% (for example between 3 – 5 frames per brood box)	11	7,372	670.2	533.5	23.8	10.2	37.3
Northern States	Did not replace any frames in the broodnest	1,090	10,366	9.5	2.0	24.5	22.5	26.5
	10% (for example ~1 frame per brood box)	352	33,553	95.3	39.6	22.4	19.7	25.1
	20% (for example ~2 frames per brood box)	351	45,230	128.9	69.0	25.1	22.1	28.1
	Between 25 and 50% (for example between 3 – 5 frames per brood box)	183	7,360	40.2	20.7	26.7	22.2	31.2
	More than 50% of frames (for example more than 5 frames per brood box)	42	220	5.2	0.9	34.5	23.6	45.4
Southern States	Did not replace any frames in the	674	8,475	12.6	4.2	20.0	17.9	22.1

broodnest								
10% (for example ~1 frame per brood box)	188	3,455	18.4	2.8	18.4	15.0	21.8	
20% (for example ~2 frames per brood box)	189	6,213	32.9	8.9	23.2	19.3	27.1	
Between 25 and 50% (for example between 3 – 5 frames per brood box)	122	6,697	54.9	35.5	22.1	17.1	27.2	
More than 50% of frames (for example more than 5 frames per brood box)	17	7,768	456.9	440.3	24.9	6.7	43.1	

Comments About This Data

Relevant Links, References, and Citations

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