

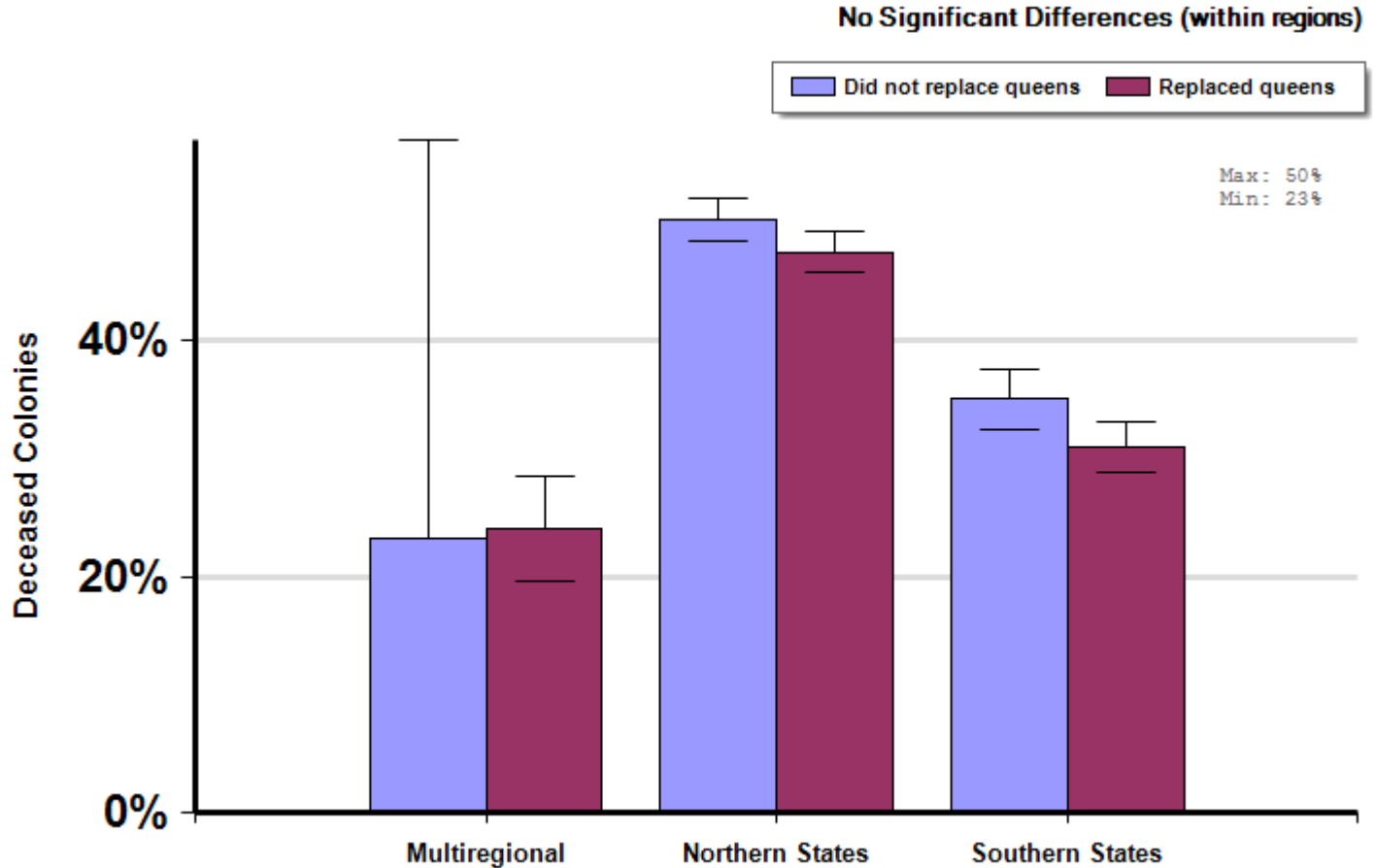


# Queen Replacement By Region

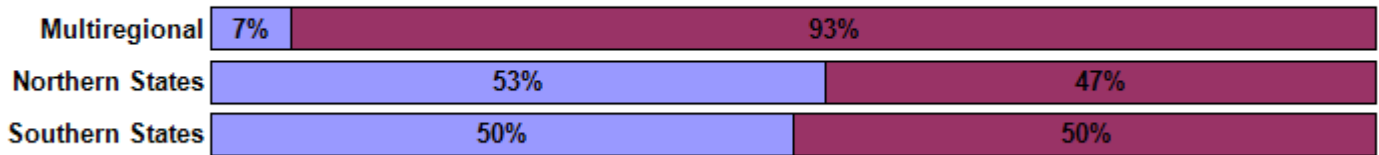
Average winter colony mortality suffered by beekeepers who indicated they did or did not replace any queens in their colonies between April and March by region of operation.

## Winter

Report ID: 221-2014



## Respondent Ratio



## Interpretation

There are no significant differences between the groups.

## Survey Question

Did you replace the queens in any of your colonies between April 1,2013 and April 1,2014?

		Total Number of Respondents Providing	Total Number of Colonies Managed	Average Number of Colonies Managed	Average Colony Loss

		Valid Responses				
				Mean	Standard Error	Mean(%) [Lower, Upper] CI
Multiregional	Did not replace queens	7	5,215	745.0	581.5	23.3 [0.0,56.9]
	Replaced queens	94	394,135	4192.9	825.4	24.0 [19.7,28.4]
Northern States	Did not replace queens	1,838	9,767	5.3	0.5	50.3 [48.4,52.1]
	Replaced queens	1,650	32,715	19.8	3.0	47.5 [45.7,49.2]
Southern States	Did not replace queens	853	12,861	15.1	5.5	35.0 [32.5,37.5]
	Replaced queens	851	55,785	65.6	22.9	31.0 [28.9,33.0]

## Comments About This Data

## Relevant Links, References, and Citations

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Department of  
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