



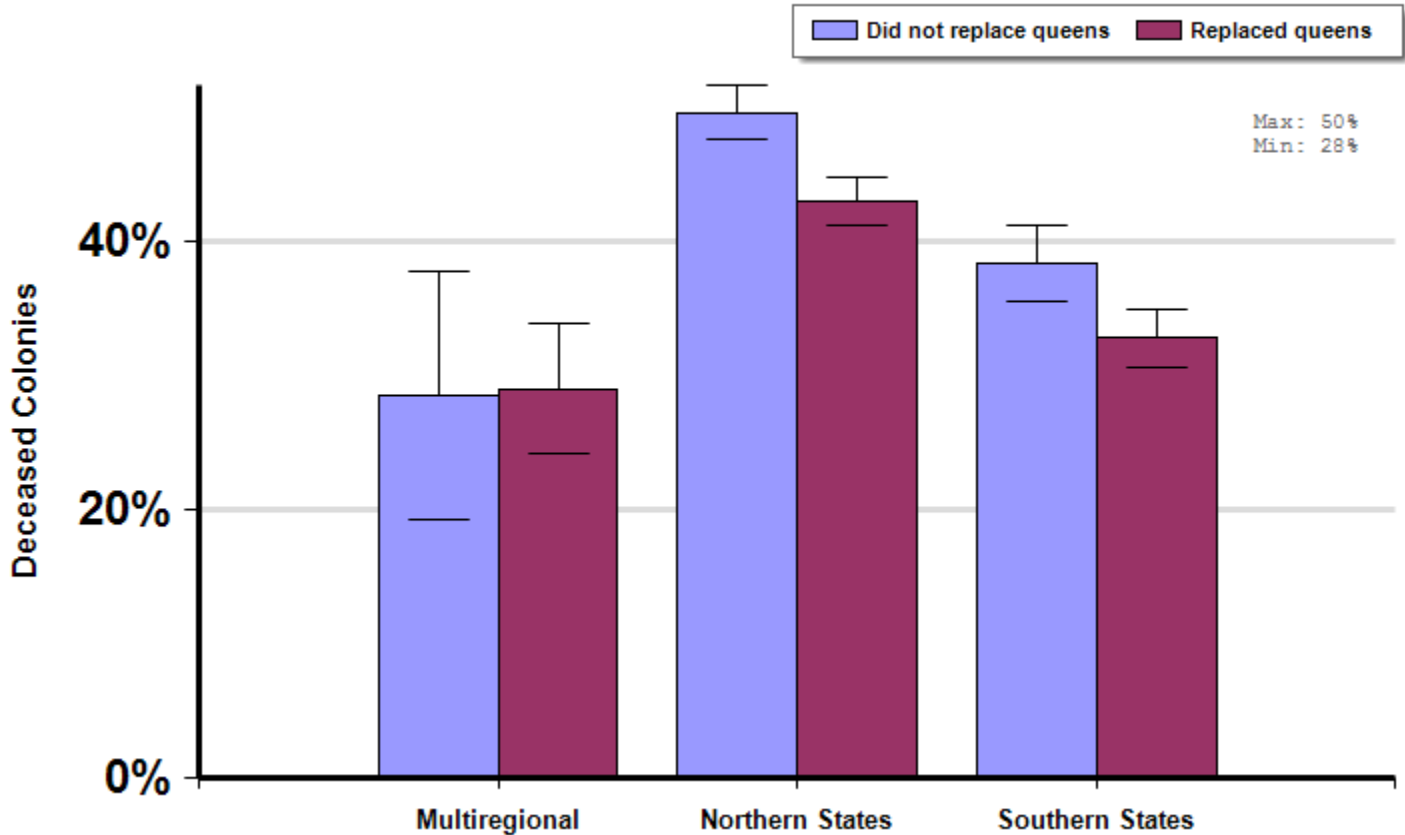
Queen Replacement By Region

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: 221-2015

Some Significant Differences (within regions)



Respondent Ratio



Interpretation

Northern beekeepers who replaced queens in their colonies reported 6.6 fewer overwintering colony deaths out of 100 managed colonies (13.3% fewer losses) than northern beekeepers who did not replace queens. Also, southern beekeepers who replaced queens saw 5.6 fewer overwintering colony deaths out of 100 managed colonies (14.6% fewer losses) than those who did not replace queens.

Survey Question

Did you replace the queens in any of your colonies between April 1, 2014 and April 1, 2015?

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

		Providing Valid Responses				Mean(%) [Lower, Upper] CI
				Mean	Standard Error	
Multiregional	Did not replace queens	47	5,571	118.5	80.5	28.4 [19.2, 37.7]
	Replaced queens	93	241,438	2596.1	754.0	29.0 [24.1, 33.9]
Northern States	Did not replace queens	1,461	8,650	5.9	0.7	49.6 [47.6, 51.5]
	Replaced queens	1,407	39,695	28.2	7.9	43.0 [41.2, 44.8]
Southern States	Did not replace queens	698	4,437	6.4	0.8	38.3 [35.6, 41.1]
	Replaced queens	747	52,179	69.9	27.1	32.7 [30.5, 34.9]

Comments About This Data

Relevant Links, References, and Citations

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