



# Winter Preparation By Region

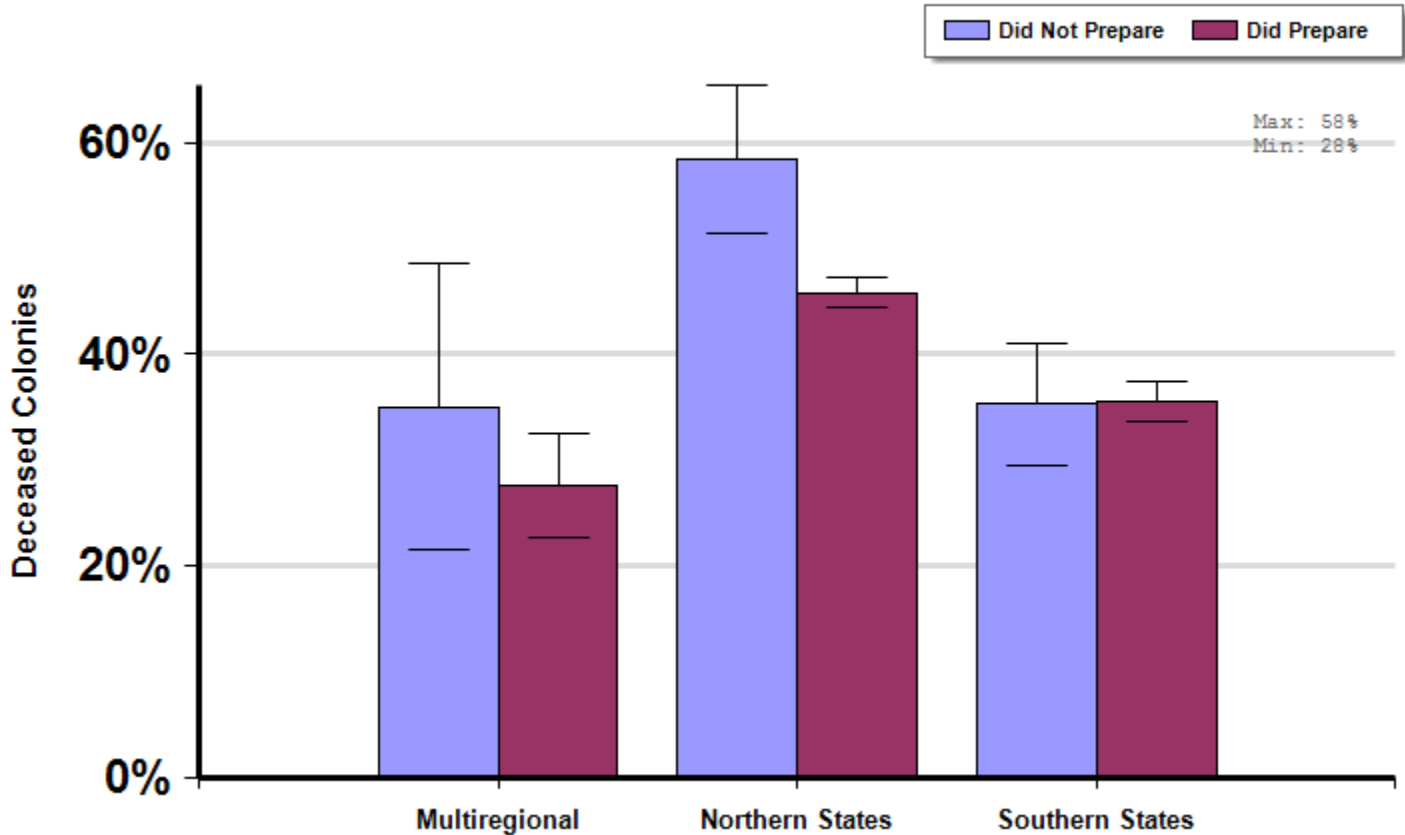
Management Survey 2015

Average losses suffered by beekeepers who did and did not prepare their colonies between April and March for winter by region.

## Winter

Report ID: 203-2015

**Some Significant Differences (within regions)**



## Respondent Ratio



## Interpretation

Northern beekeepers who prepared their operations for winter lost 12.6 fewer overwintering colonies per 100 managed colonies (21.6% fewer losses) than beekeepers who did not prepare their colonies for winter.

## Survey Question

Did you do any of the following to prepare for this last winter (2013-2014)?

- Create or engage an upper entrance
- Wrap colonies with insulation
- Wrap colonies with tar paper or wintering sleeve
- Place extra insulation on top of colony

- Equalize colony strength
- Move colonies to southern location
- Move colonies to inside wintering buildings
- I do not prepare my colonies for winter

		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
Multiregional	Did Not Prepare	22	1,649	75.0	39.8	<b>35.1 [21.5, 48.6]</b>
	Did Prepare	111	234,535	2112.9	638.6	<b>27.6 [22.8, 32.5]</b>
Northern States	Did Not Prepare	124	758	6.1	1.2	<b>58.4 [51.4, 65.4]</b>
	Did Prepare	2,717	47,323	17.4	4.1	<b>45.8 [44.5, 47.2]</b>
Southern States	Did Not Prepare	154	1,911	12.4	3.9	<b>35.3 [29.5, 41.0]</b>
	Did Prepare	1,254	53,947	43.0	16.2	<b>35.5 [33.7, 37.4]</b>

## Comments About This Data

### Relevant Links, References, and Citations

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