



# The Bee Informed Partnership Management Survey Results (2014-2015) Winter Preparation

[BeeInformed.org](http://BeeInformed.org)

Funded by:



United States  
Department of  
Agriculture

National Institute  
of Food  
and Agriculture

Release Date: September 24, 2015

This information is for educational purposes only. References to commercial products or trade names do not imply endorsement by the Bee Informed Partnership or its members. The results presented here are the summary of the population who responded. The sample may not be representative of the beekeeping population at large. These results simply highlight differences in the sample population. The results cannot be considered conclusive, causative, protective, or attest to product efficacy or lack of efficacy.

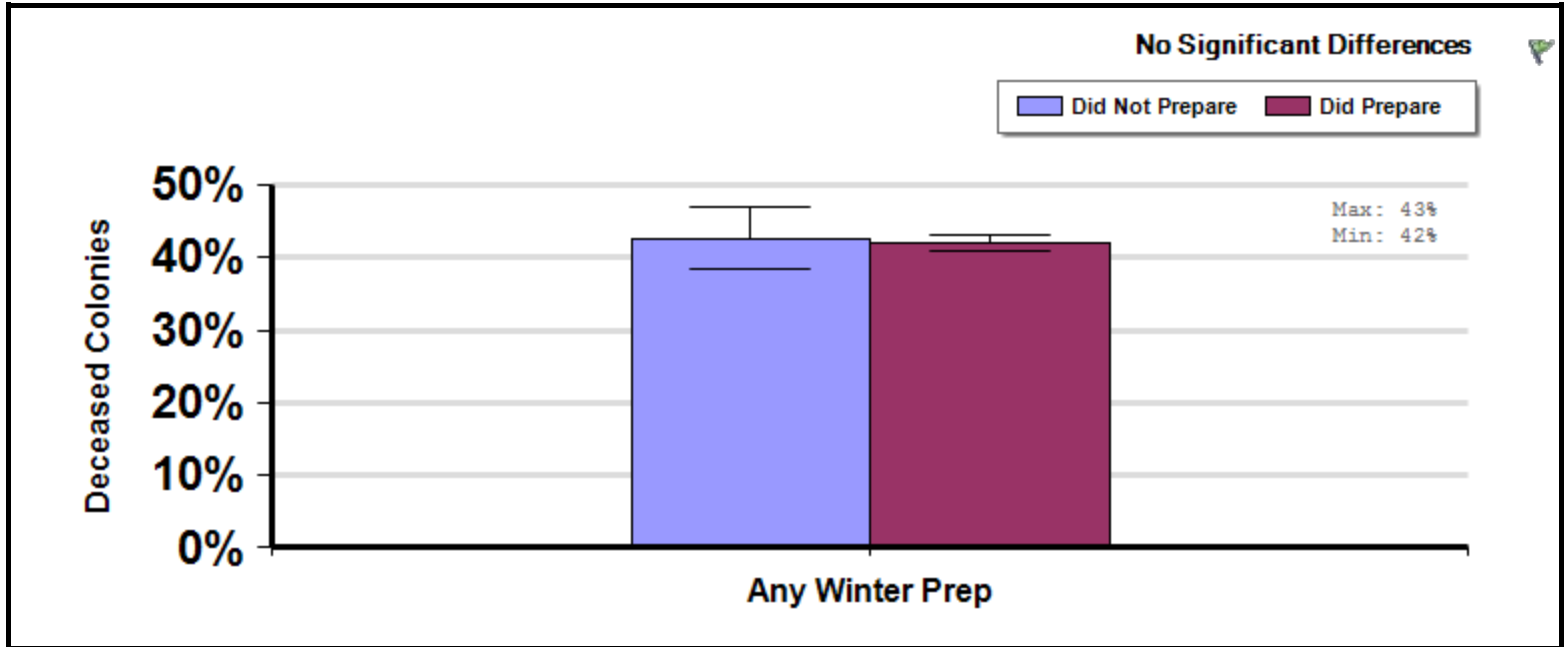


# Winter Preparation

Average loss suffered by beekeepers in the United States who did and did not prepare their colonies for winter between April and March.

## Winter

Report ID: 200-2015



### Interpretation

Beekeepers who prepared their colonies for winter did not report losing more or less colonies than beekeepers who did not prepare their colonies for winter. In other words, there was not a significant difference.

### 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

Any Winter Prep	Did Not Prepare	319	6,904	21.6	7.7	42.7 [38.4,47.0]
	Did Prepare	4,112	337,672	82.1	18.8	42.0 [40.9,43.1]

---

## Comments About This Data

---

## Relevant Links, References, and Citations

Funded By:



United States  
Department of  
Agriculture

National Institute  
of Food  
and Agriculture

This information is for educational purposes only. References to commercial products or trade names do not imply endorsement by the Bee Informed Partnership or its members. The results presented here are the summary of the population who responded. The sample may not be representative of the beekeeping population at large. These results simply highlight differences in the sample population. The results cannot be considered conclusive, causative, protective, or attest to product efficacy or lack of efficacy.



# Winter Preparation By Region

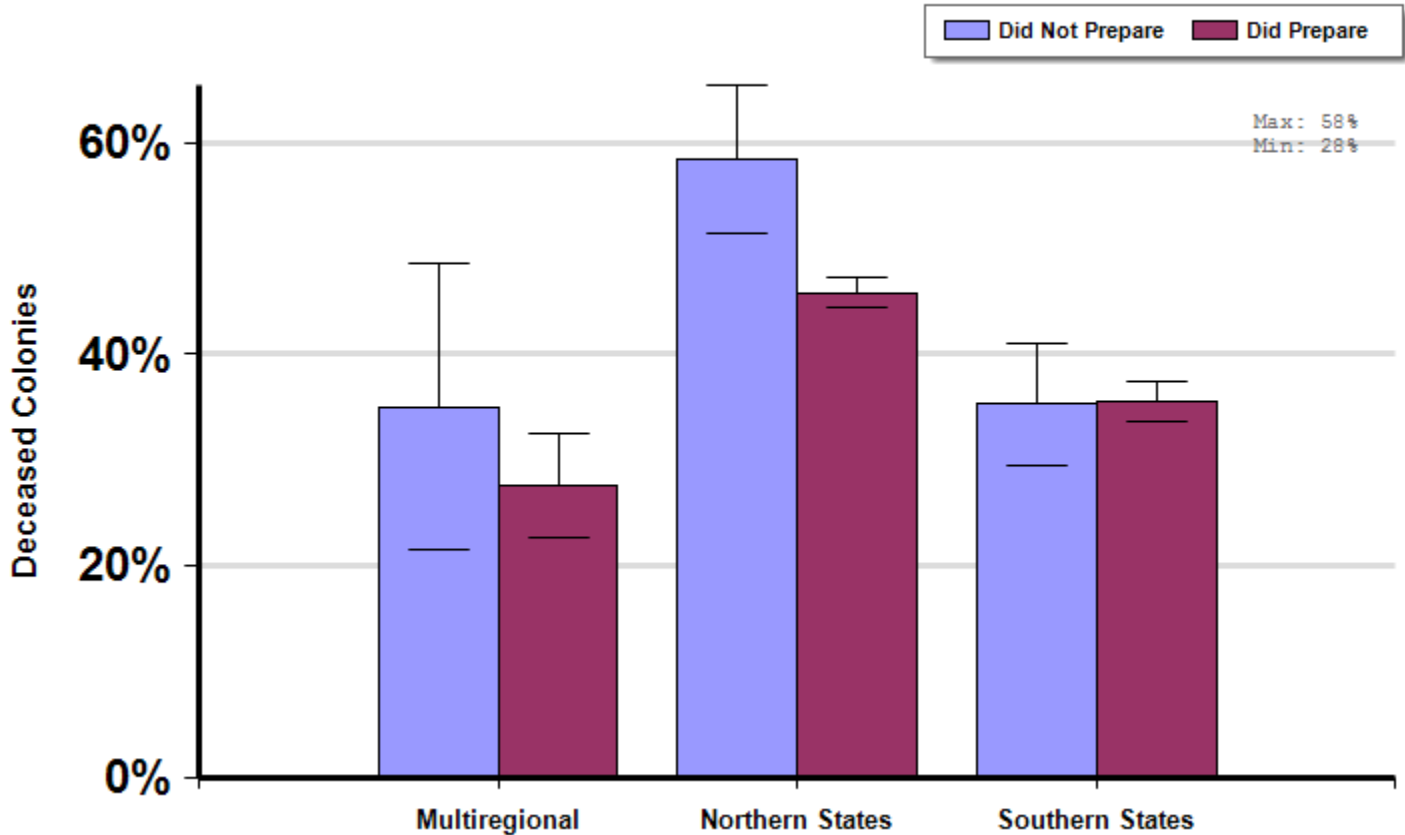
Management Survey 2015

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

## Comments About This Data

### Relevant Links, References, and Citations

Funded By:



United States  
Department of  
Agriculture

National Institute  
of Food  
and Agriculture

This information is for educational purposes only. References to commercial products or trade names do not imply endorsement by the Bee Informed Partnership or its members. The results presented here are the summary of the population who responded. The sample may not be representative of the beekeeping population at large. These results simply highlight differences in the sample population. The results cannot be considered conclusive, causative, protective, or attest to product efficacy or lack of efficacy.