



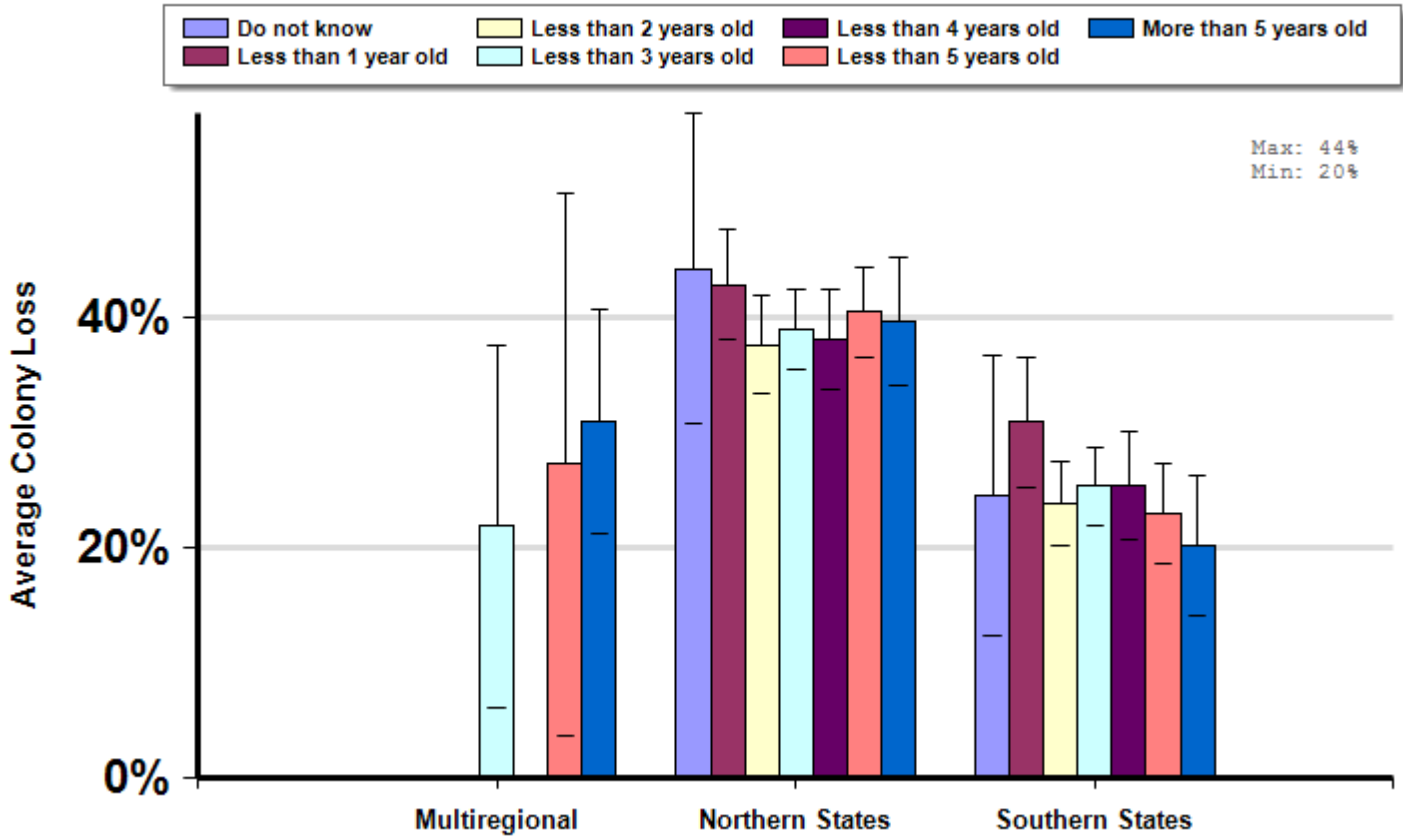
# Average Brood Comb Age By Region

Average winter colony mortality suffered by beekeepers who kept bees in colonies with brood comb of different ages by operations in different regions.

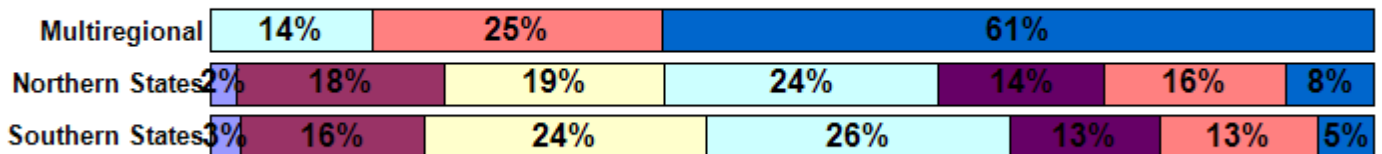
## Winter

Report ID: 146

No Significant Differences (within regions)



## Respondent Ratio



## Interpretation

No difference within groups

## Survey Question

30. On average, how old is the brood comb in your colonies?

- More than 5 years old
- Less than 5 years old
- Less than 4 years old
- Less than 3 years old
- Less than 2 years old
- Less than 1 year old

Don't know

		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
Multiregional	Less than 3 years old	5	17,484	3496.8	2911.9	21.8	6.0	37.6
	Less than 5 years old	9	12,369	1374.3	521.7	27.2	3.7	50.7
	More than 5 years old	22	159,572	7253.3	3770.0	30.9	21.2	40.6
Northern States	Do not know	39	117	3.0	0.5	44.1	30.7	57.6
	Less than 1 year old	312	1,006	3.2	0.3	42.8	38.0	47.6
	Less than 2 years old	330	1,835	5.6	0.5	37.5	33.3	41.8
	Less than 3 years old	411	3,498	8.5	1.0	38.9	35.4	42.3
	Less than 4 years old	246	2,370	9.6	0.8	38.0	33.6	42.3
	Less than 5 years old	273	5,095	18.7	3.7	40.4	36.5	44.3
	More than 5 years old	133	9,747	73.3	28.5	39.6	34.1	45.1
	Do not know	32	217	6.8	1.9	24.5	12.4	36.6
Southern States	Less than 1 year old	186	620	3.3	0.5	30.8	25.2	36.4
	Less than 2 years old	284	1,624	5.7	0.6	23.8	20.1	27.4
	Less than 3 years old	308	15,227	49.4	39.3	25.2	21.9	28.6
	Less than 4 years old	153	5,891	38.5	17.5	25.4	20.6	30.1
	Less than 5 years old	159	4,554	28.6	7.1	22.9	18.6	27.2
	More than 5 years old	58	14,762	254.5	74.2	20.1	14.0	26.1
	Do not know	32	217	6.8	1.9	24.5	12.4	36.6

### Comments About This Data

Confidence intervals for winter mortality figures are fairly high, indicating a large variation in the response. These confidence intervals would narrow if we had greater response.

## 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.