



Average Queen Age By Region

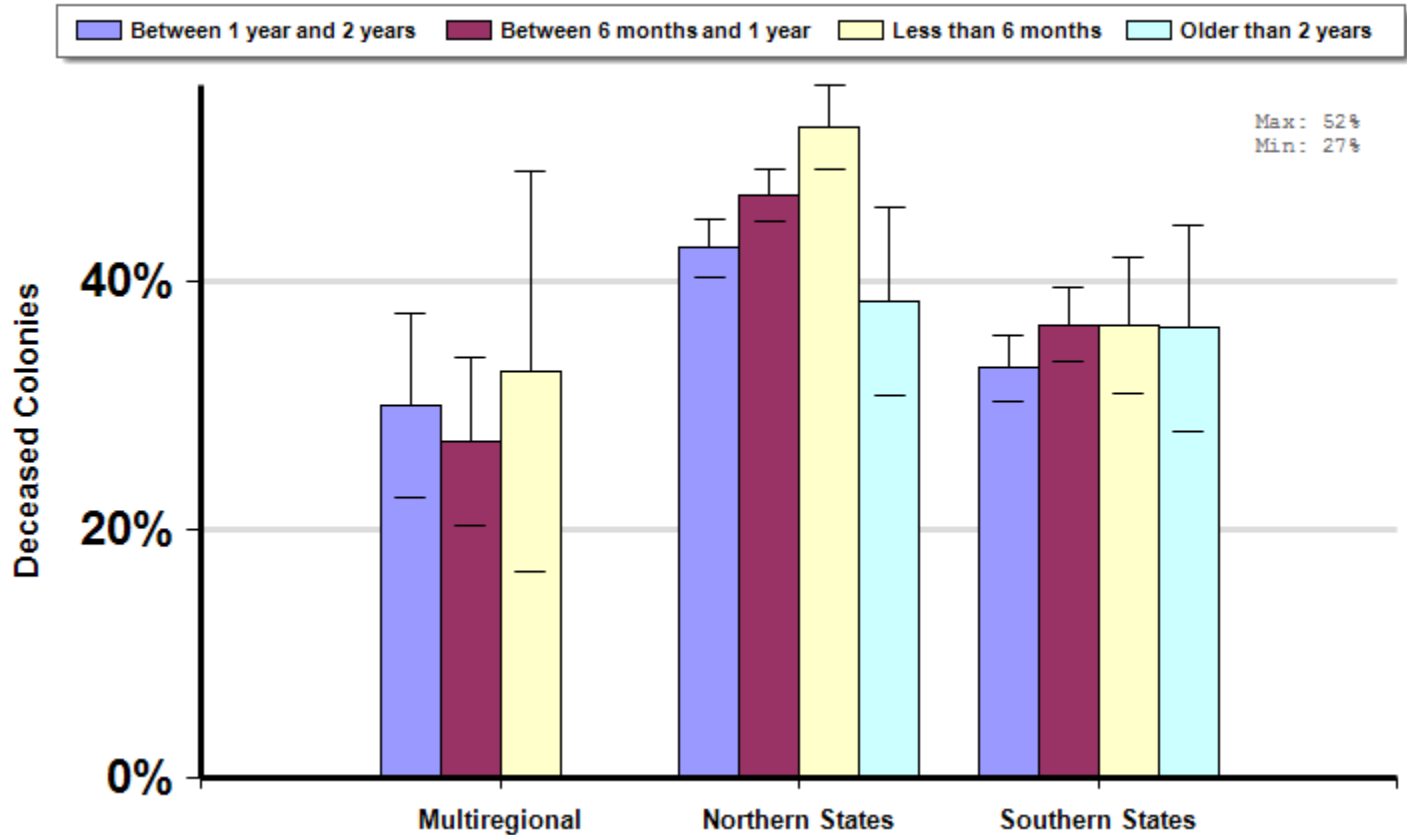
Management Survey 2015

Average winter colony mortality suffered by beekeepers grouped by the average age of queens in their colonies as of April and March.

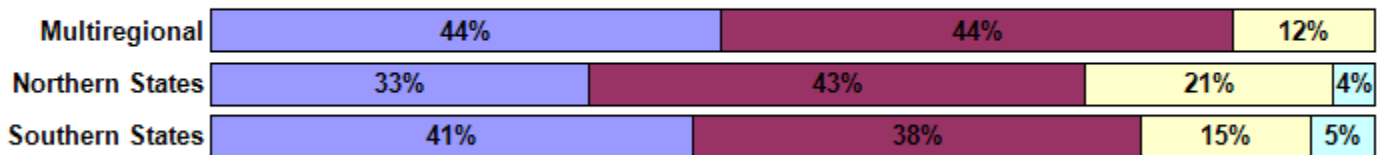
Winter

Report ID: 215-2015

Some Significant Differences (within regions)



Respondent Ratio



Interpretation

Northern beekeepers who had queens less than 6 months old lost significantly more overwintering colonies than beekeepers whose queens were aged between 6 months and 2 years, or had queens older than 2 years. There were no significant differences within the multiregional or southern groups.

Survey Question

On average how old were the queens that headed a majority of your colonies on April, 2014?

- Less than 6 months
- Between 6 months and 1 year

- Between 1 and 2 years
- Older than 2 years
- 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, Upper] CI
Multiregional	Between 1 year and 2 years	57	68,884	1208.5	457.1	29.9 [22.5, 37.3]
	Between 6 months and 1 year	57	152,286	2671.7	1149.8	27.0 [20.2, 33.8]
	Less than 6 months	16	23,647	1477.9	613.2	32.7 [16.5, 48.8]
Northern States	Between 1 year and 2 years	832	8,793	10.6	1.3	42.6 [40.3, 44.9]
	Between 6 months and 1 year	1,086	32,469	29.9	10.2	46.9 [44.7, 49.0]
	Less than 6 months	543	4,165	7.7	0.7	52.4 [49.0, 55.7]
	Older than 2 years	94	1,499	15.9	10.1	38.3 [30.8, 45.8]
Southern States	Between 1 year and 2 years	527	7,098	13.5	2.1	33.0 [30.3, 35.6]
	Between 6 months and 1 year	490	28,362	57.9	27.2	36.5 [33.5, 39.5]
	Less than 6 months	186	19,743	106.1	82.0	36.3 [30.9, 41.8]
	Older than 2 years	70	308	4.4	0.5	36.2 [27.9, 44.5]

Comments About This Data

Relevant Links, References, and Citations

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