



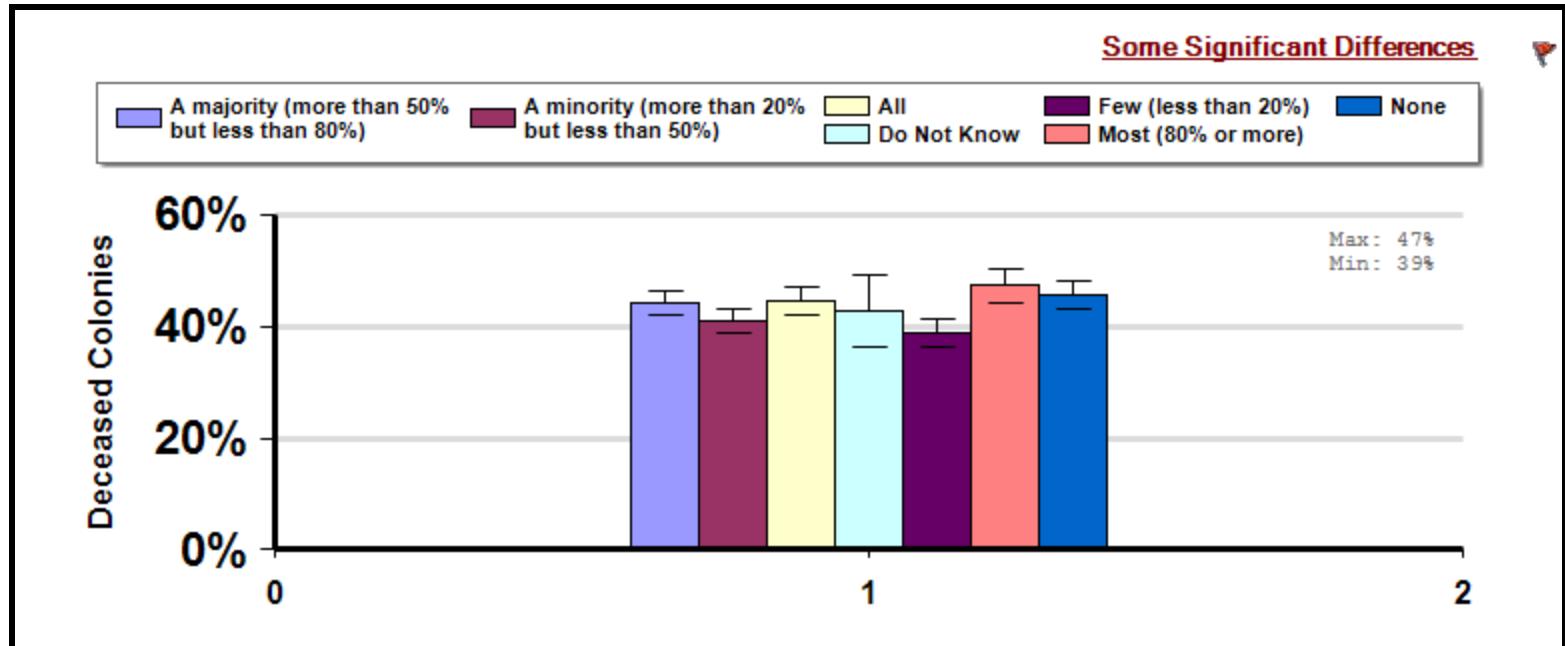
## Proportion of Operation Derived from Packages

Management  
Survey 2013

### Winter

Report ID: 239-  
2013

Average winter colony mortality reported by beekeepers starting new colonies with packages, between April and March by the proportion of their colonies that were alive on March of the following year and which had originated as packages earlier in the year.



### Interpretation

Beekeepers who started a few (less than 20%) new colonies with packages reported less overwintering colony deaths than those who started 50% or greater of their new colonies with packages. Beekeepers who started a few (less than 20%) new colonies with packages reported less overwintering colony deaths than those who started none of their new colonies with packages.

### Survey Question

What proportion (percentage) of the colonies in your operation that were alive on October 1, 2012 came from splits, increases, or packages established or made the previous spring and summer, after April 1, 2012?

- None
- All
- Most (80% or more)
- A majority (more than 50% but less than 80%)
- A minority (less than 50% but more than 20%)
- Few (less than 20%)
- Don't know
- Don't want to answer

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

		Responses				
			Mean	Standard Error	Mean(%) [Lower, Upper] CI	
A majority (more than 50% but less than 80%)	713	64,248	90.1	17.9	44.2	[41.9, 46.5]
A minority (more than 20% but less than 50%)	888	164,297	185.0	45.7	41.0	[39.0, 43.0]
All	1,077	77,537	72.0	24.0	44.6	[42.1, 47.0]
Do Not Know	115	4,161	36.2	10.2	42.8	[36.3, 49.3]
Few (less than 20%)	533	70,029	131.4	40.3	38.8	[36.2, 41.5]
Most (80% or more)	393	152,477	388.0	192.7	47.3	[44.2, 50.5]
None	999	17,522	17.5	11.1	45.8	[43.3, 48.3]

## Comments About This Data

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### Relevant Links, References, and Citations

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