Quarterly Colony Loss

Project Code: 115

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• Bee diseases and death loss have become a significant issue over the last few years

– Some of the loss is due to unknown causes

- NASS doesn't measure losses and diseases on our annual Bee and Honey survey
- You'll be collecting important information on the extent and causes of loss and disease





Data Collection and Due Dates

- Mail Date
 - December 20
- Data Collection Begins
 - December 31
- Data Collection Ends
 - January 16
- Released in the Honey Bee Colonies Report
 - August 1 at 2:00 pm







Beginning of Quarter	End of Quarter
October 1	December 31

• The Quarterly Colony Loss survey includes questions on the following:

- The number of bee colonies owned by an operation
- The number of colonies within each state that experienced a variety of specific symptoms

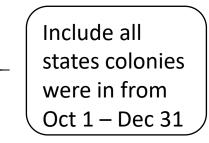




• The Quarterly Colony Loss survey includes questions on the following:

 All states the colonies were located in between Oct 1 and Dec 31

- Total colonies in each state on Oct 1 or when they were first moved into the state after Oct 1
- Number of colonies that were lost / dead out
- Number of colonies that were requeened
- Number of colonies that received nucs or packages
- Number of colonies added (including splits, newly created, and replacement colonies)







- The Quarterly Colony Loss survey includes questions on the following:
 - Colony health (by state)
 - Varroa Mites
 - Other Pests and Parasites
 - Diseases
 - Pesticides
 - Other
 - Unknown

Include all states reported in colony loss table

Colonies affected by these health stressors can include those that were or were not ultimately lost

• Note: The combined total of these numbers may exceed the total number of colonies in a state





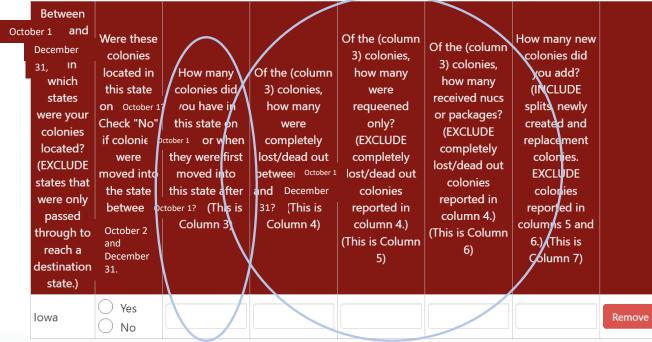
• Attempt to make sure that survey results are consistent across the entire survey

 Ideally, the number of colonies that an operation owned on October 1 should be consistent with the reported sums of colonies that an operator had on October 1 within all reported states





Ideally, for each individual state, the sum of the values within columns 4, 5, and
 6 within the table below should not exceed the value within column 3







 Ideally, the number of colonies lost that experienced all four of the specified symptoms (left) should not exceed the sum of the total colonies completely lost/dead for all reported states (right).

 1. Of the total colonies owned between 0ctober 1, 2024, and December 31, 2024, did any lost colonies experience all of the following symptoms? a. Little to no build-up of dead bees in the hive or at the hive entrance B. Rapid loss of adult honey bee population despite the presence of queen, capped brood, and food reserves Absence or delayed robbing of the food reserves B. Loss not attributable to Varroa or Nosema loads Image: Ves Image: No Image: No Image: Don't Know 	Between ber 1 and December 31, IN which states were your colonies located? (EXCLUDE states that were only passed through to reach a destination state.)	Check "No" if colonie o were moved into the state betwee oc October 2 and December	How many colonies did ? 'ou have in this state or ctober 1 or when they were first moved intc	Of the (column 3) colonies, how many were completely lost/dead out betwee October and December 31? (This is Column 4)	3) colonies, how many were requeened only? (EXCLUDE completely	Of the (column 3) colonies, how many received nucs or packages? (EXCLUDE completely lost/dead out colonies reported in column 4.) (This is Column 6)	colonies did you add? (INCLUDE splits, newly created and replacement colonies. EXCLUDE colonies reported in columps 5 and	
	lowa	YesNo						Remove





Beginning Colonies (top left) – Lost Colonies (right) + Added Colonies (right) – Sold Colonies (bottom left) = End Colonies (top left)

 On October 1, 2024, how many total colonies did this operation own, regardless of location? Colonies On December 31, 2024, how many total colonies did this operation own, regardless of location? Colonies Between October 1, 2024 and December 31, 2024, did this operation sell or give away any of the colonies in column 3? EXCLUDE packages and nucs created specifically for sale. Image: Yes No	Between per 1 and December 31, IN which states were your colonies located? (EXCLUDE states that were only passed through to	this statecolonies didorOctober 1?you have inCheck "No"this state onif colonicOctober 1or whenwerethey were firstmoved intomoved intothe statethis state afterbetweerOctober 1?'his isOctober 2Column 3)	Of the (column 3) colonies, how many were completely lost/dead out betwee October 1 and December 31? (This is Column 4)	3) colonies, how many were requeened only? (EXCLUDE completely lost/dead out colonies reported in column 4.)	Of the (column 3) colonies how many received rucs or packages? (EXCLUDE completely lost/dead out colories reported in column 4.) (This is Column	vou add? (INCLUDE splits, newly created and replacement colonies. EXCLUDE colonies reported in columns 5 and
i. How many colonies from those reported in column 3 were sold or given away?	reach a destination state.)	December		(This is Column 5)	6)	6.) (This is Column 7)
	lowa	Ves No				Remove



