

# BEE AND HONEY PRODUCTION AND LOSS INQUIRY – December 2017

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**United States  
 Department of  
 Agriculture**

## Annual Survey for Operations with less than 5 colonies.



**NATIONAL  
 AGRICULTURAL  
 STATISTICS  
 SERVICE**

### USDA/NASS

National Operations Division  
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Please make corrections to name, address, and ZIP Code, if necessary.

The information you provide will be used for statistical purposes only. Your responses will be kept confidential and any person who willfully discloses ANY identifiable information about you or your operation is subject to a jail term, a fine, or both. This survey is conducted in accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107-347 and other applicable Federal laws. For more information on how we protect your information please visit: <https://www.nass.usda.gov/confidentiality>. Response is **voluntary**.

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State	POID	Tract	Subtr.
_____	_____	_____	_____

### SECTION 1 – APIARIES

1. During 2017, did this operation own or control any apiaries?

2701     **Yes** – Go to Section 2, Item 3                       **No** – Continue

2. Did this operation have any honey sales in 2017 from any production year?

2703     **Yes** – Go to Section 2, Item 6                       **No** – Go to Section 9, Item 25

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2701
2703
9921

**SECTION 2 – HONEY PRODUCTION, INCOME, AND EXPENSES**

**Please respond for all apiaries owned during 2017:**

**None**

**Colonies**

3. What was the largest number of colonies for all purposes that this operation had in 2017? (Include colonies for honey production, pollination, hobby, etc.) . . . . .

1851
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4. From how many of these colonies did you harvest or “pull off” honey? . . . . .

1852
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**Pounds**

5. How many total pounds of honey were harvested from these colonies? . . . . .

1853
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6. Did you **sell** any honey during 2017?

1854    1  **Yes** – Go to Item 6a            3  **No** – Go to Item 7

a. What was your total income from honey sales? . . . . .

1855
\$

7. During 2017, did this operation receive any income from contracting colonies as pollinators?

1856    1  **Yes** – Go to Item 7a            3  **No** – Go to Item 8

a. What was your total dollar amount received from contracting colonies for pollination? . . . . .

1857
\$

8. During 2017, did this operation receive any other income from honey bees? (Including sales of queen/queen cells, nucs and packages, beeswax, propolis, etc.)

1858    1  **Yes** – Go to Item 8a            3  **No** – Go to Item 9

a. What was your total other income from honey bees? . . . . .

1859
\$

**Queens**

9. During 2017, how many self-created queens were used on this operation for requeening or creating new colonies? (Exclude queens reared for sale.) . . . . .

1871
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10. In 2017, how many queens, packages, and nucs were purchased by this operation, and what was the amount spent on those items?

**None**

	<b>Number Purchased</b>	<b>Total Dollars Spent</b>
<input type="checkbox"/>	1872	1863 \$
<input type="checkbox"/>	1873	1864 \$
<input type="checkbox"/>	1874	1865 \$

a. Purchased queens/queen cells? (Exclude self-created queens.) . . . . .

b. Purchased packages? (with or without queen) . . . . .

c. Purchased nucs? . . . . .

**SECTION 2 – HONEY PRODUCTION, INCOME, AND EXPENSES (continued)**

11. In 2017, what were total expenditures for the following items on this operation:

None

Total Dollars Spent	
1860	\$
1861	\$
1862	\$
1866	\$
1867	\$

- a. Varroa control/treatment? .....
- b. Prevent/treat other colony health issues? (Including Nosema, tracheal mites, foulbrood, paralysis, Kashmir, cloudy wing, etc.) .....
- c. Feed? (Including syrup, sugar water, honey, pollen patties, and other feeds.) . . .
- d. New foundation for combs? (Exclude comb purchased with nucs.) .....
- e. New hives/woodenware? (Langstroth, top bar, other) .....

12. During 2017, did this operation pay any fees to winter colonies in a warehouse or on land?

1868     **Yes** – Go to Item 12a     **No** – Go to Item 13

a. What were your total fees/rent to winter your colonies? .....

1869	\$
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**Employees**

13. During 2017, including yourself, what was the peak number of people working on your apiaries? (Exclude employees that did not work with colonies, i.e. office staff, etc.) .....

1870
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**NOTES/COMMENTS**

**SECTION 3 – JANUARY THROUGH MARCH 2017**

14. On January 1, 2017, how many total colonies did this operation own, regardless of location?
15. Between January 1, 2017, and March 31, 2017, how many:
- a. Colonies were completely lost/dead out? .....
  - b. Of the colonies reported in Item 14, how many were requeened only? (Exclude colonies that were completely lost/dead out in Item 15a.) .....
  - c. Of the colonies reported in Item 14, how many received a nuc or package? (Exclude colonies that were completely lost/dead out in Item 15a.) .....
  - d. New colonies did you add? (Include splits, newly created, and replacements of lost/dead out colonies. Exclude colonies that were requeened and/or received nucs/packages in Item 15b.) .....

None	Colonies
<input type="checkbox"/>	2721
<input type="checkbox"/>	2722
<input type="checkbox"/>	2754
<input type="checkbox"/>	2755
<input type="checkbox"/>	2724

**SECTION 4 – APRIL THROUGH JUNE 2017**

16. On April 1, 2017, how many total colonies did this operation own, regardless of location?
17. Between April 1, 2017, and June 30, 2017, how many:
- a. Colonies were completely lost/dead out? .....
  - b. Of the colonies reported in Item 16, how many were requeened only? (Exclude colonies that were completely lost/dead out in Item 17a.) .....
  - c. Of the colonies reported in Item 16, how many received a nuc or package? (Exclude colonies that were completely lost/dead out in Item 17a.) .....
  - d. New colonies did you add? (Include splits, newly created, and replacements of lost/dead out colonies. Exclude colonies that were requeened and/or received nucs/packages in Item 17b.) .....

None	Colonies
<input type="checkbox"/>	2725
<input type="checkbox"/>	2726
<input type="checkbox"/>	2756
<input type="checkbox"/>	2757
<input type="checkbox"/>	2728

**SECTION 5 – JULY THROUGH SEPTEMBER 2017**

18. On July 1, 2017, how many total colonies did this operation own, regardless of location?
19. Between July 1, 2017, and September 30, 2017, how many:
- a. Colonies were completely lost/dead out? .....
  - b. Of the colonies reported in Item 18, how many were requeened only? (Exclude colonies that were completely lost/dead out in Item 19a.) .....
  - c. Of the colonies reported in Item 18, how many received a nuc or package? (Exclude colonies that were completely lost/dead out in Item 19a.) .....
  - d. New colonies did you add? (Include splits, newly created, and replacements of lost/dead out colonies. Exclude colonies that were requeened and/or received nucs/packages in Item 19b.) .....

None	Colonies
<input type="checkbox"/>	2729
<input type="checkbox"/>	2730
<input type="checkbox"/>	2758
<input type="checkbox"/>	2759
<input type="checkbox"/>	2732

**SECTION 6 – OCTOBER THROUGH DECEMBER 2017**

	None	Colonies
20. On October 1, 2017, how many total colonies did this operation own, regardless of location?	<input type="checkbox"/>	2733
21. Between October 1, 2017, and December 31, 2017, how many:		
a. Colonies were completely lost/dead out? .....	<input type="checkbox"/>	2734
b. Of the colonies reported in Item 20, how many were requeened only? (Exclude colonies that were completely lost/dead out in Item 21a.) .....	<input type="checkbox"/>	2766
c. Of the colonies reported in Item 20, how many received a nuc or package? (Exclude colonies that were completely lost/dead out in Item 21a.) .....	<input type="checkbox"/>	2768
d. New colonies did you add? (Include splits, newly created, and replacements of lost/dead out colonies. Exclude colonies that were requeened and/or received nucs/packages in Item 21b.) .....	<input type="checkbox"/>	2736

**SECTION 7 – LOSS IN 2017**

22. Of the total colonies **lost** between January 1, 2017, and December 31, 2017, did any colonies experience **all** of the following symptoms?

- Little to no build-up of dead bees in the hive or at the hive entrance
- Rapid loss of adult bee population despite the presence of queen, capped brood, and food reserves
- Absence or delayed robbing of the food reserves
- Loss not attributable to Varroa or Nosema loads

<sup>1</sup> **Yes** – Continue  
 <sup>3</sup> **No** – Go to Section 8  
 <sup>4</sup> **No Loss** – Go to Section 8  
 <sup>2</sup> **Don't Know** – Go to Section 8

2742

	Colonies
23. How many colonies did you lose that experienced <b>all</b> of the symptoms in Item 11? .....	2743

**SECTION 8 – COLONY HEALTH IN 2017**

24. Of the total colonies owned between January 1, 2017, and December 31, 2017, how many colonies were affected by the following, but not necessarily lost? **Note:** The total of rows a through f, may exceed the total number of colonies.

	None	Colonies
a. Varroa Mites .....	<input type="checkbox"/>	2744
b. Other Pests and Parasites <sup>1</sup> .....	<input type="checkbox"/>	2745
c. Diseases <sup>2</sup> .....	<input type="checkbox"/>	2746
d. Pesticides .....	<input type="checkbox"/>	2749
e. Other <sup>3</sup> (Specify) <sup>2750</sup> _____	<input type="checkbox"/>	2751
f. Unknown .....	<input type="checkbox"/>	2752

1/ Includes Tracheal Mites, Nosema, Hive beetle, Wax moths, etc.

2/ Includes American and European foulbrood, Chalkbrood and Stonebrood, Paralysis (acute and chronic), Kashmir, Deformed Wing, Sacbrood, IAPV, Lake Sinai II, etc.

3/ Includes weather, starvation, insufficient forage, queen failure, hive damage/destroyed, etc.

**NOTES/COMMENTS**

**SECTION 9 – CHANGE IN OPERATOR**

Complete Items 25, 26, and 27 only if the operation named on the label did NOT report for Items 1 and 2; otherwise, go to Item 28.

25. Will this operation own or control any apiaries in 2018?

2702       Yes                                       No

26. Has the operation named on the label been sold, rented, or turned over to someone else?

Yes – Continue                       No      **—————>**

27. What is the name and address of the new operation that has taken over the land or colonies?

Operation Name: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Will the land be used for any agricultural purpose by you (the operator), or anyone else in the next year, or will you control or own bee colonies in the future? (Include growing crops, grains, row crops, oilseeds, fruits, vegetables, or specialty crops, raising any livestock, poultry or bees).

Yes                       Don't Know                       No

(Regardless of answer to above, write a note to explain the situation.)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

28. **SURVEY RESULTS:** To receive the complete results of this survey on the release date, go to [http://www.nass.usda.gov/Surveys/Guide\\_to\\_NASS\\_Surveys/](http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/)

Would you rather have a brief summary mailed to you at a later date?    9990     Yes     No

**This completes the survey. Thank you for your help.**

**Comments:**

Respondent Name: _____	9911 Phone: (     )     -	9910      MM      DD      YY
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Response	9901	Respondent	9902	Mode	9903	Enum.	Eval.	Change	Office Use for POID			
1-Comp		1-Op/Mgr		1-PASI (Mail)		9998	9900	9985	9989			
2-R		2-Sp		2-PATI (Tel)					_____ - _____ - _____			
3-Inac		3-Acct/Bkpr		3-PAPI (Face-to-Face)								
4-Office Hold		4-Partner		6-E-mail					<b>Optional Use</b>			
5-R – Est		9-Oth		7-Fax					9907	9908	9906	9916
6-Inac – Est				19-Other								
7-Off Hold – Est												

S/E Name \_\_\_\_\_