



January Hatchery Capacity Report Training Materials

Below you will find links to a video, PowerPoint presentation, survey information sheet, and practice interviews for NASS's January Hatchery Capacity Report. The practice interviews can be used to enter data in CATI or CAPI to get familiar with those data collection instruments.

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Strategic Planning and Business Services Division
Strategic Planning Branch
Workforce Performance and Staff Development Section

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Hatchery Capacity Report; January 1

(HATCHERY CAPACITY)



**United States Department of Agriculture
National Agricultural Statistics Service**

Workforce Performance and Staff Development Section



Survey Overview

- Project Code: **158 - Poultry Survey**
- Questionnaires: Mail out around Dec. 20-22
 - Contacting all operations with a hatchery capacity of 1,000 or more chicken or turkey eggs.
- Release:
 - *Hatchery Production; early April – 3:00 p.m. ET*

NASS website: www.nass.usda.gov/



Terms To Know

- Chick – a young bird, especially one newly hatched.
- Poult – a young turkey before its sex can be determined.
- Incubator – an apparatus or chamber which provides favorable environmental conditions for the hatching of eggs.
- Setter – part of the incubator where eggs are frequently turned and spend the majority of the time during the incubating process.
- Hatcher – incubator where eggs typically spend the last three days of the incubating process and are left stationary.



Incubating Eggs



Chicks



Hatching Chicks

Hatchery Information

- Capacity of chicken hatcheries on January 1, 2023 was 971 million eggs (down 1%)
- Capacity of turkey hatcheries on January 1 was 34.7 million eggs (up slightly from 2022)
- During 2022, those hatcheries had:
 - 9.78 billion broiler-type chicks hatched
 - Up 1% from 2021
 - 631 million egg-type chicks hatched
 - Up slightly from 2021
 - 272 million turkey poults hatched
 - Up 3% from 2021



Data Collected

- **Chickens**

- Any equipment and facilities that can be used to hatch chicks?
- Capacity for hatching chicks as of January 1 for each hatchery
 - Capacity of all SETTERS + Capacity of all HATCHERS = Total
 - For up to 3 hatcheries
- Were any chicks hatched on this operation?
 - If “NO”, Got to Turkeys
- Number of broiler-type chicks hatched during the year
- Livability between the hatchery and processor for your flocks raised for meat production?
 - 5% mortality equals 95% livability

Data Collected

- **Chickens**

- Number of egg-type chicks hatched during the year
- Average price of chicks sold
 - Asked for Broiler-type and Egg-type
 - In dollars per 100 chicks
- Average price paid for fertile eggs
 - Dollars per Dozen



Data Collected

- **Turkeys**

- Any equipment and facilities that can be used to hatch poults?
- Capacity for hatching poults as of January 1 for each hatchery
 - Capacity of all SETTERS + Capacity of all HATCHERS = Total
 - For up to 3 hatcheries
- If any poults hatched on this operation during the year
 - How many were hatched





Poults Incubating and Hatching



Poults



Things to Watch Out For

- Setter capacity is usually much higher than hatcher capacity
- Large changes in number hatched from previously reported data.
- Livability being too high/low

Conclusion



- If Out of Business:
 - Verify that they are OOB
 - No capacity, chicks/poults, will they have any in the future?
 - Any ag activity?
 - Collect new operator's information
- Leave notes to explain unusual data or large changes from previous year's data
- Thank you and have a great survey!

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January Hatchery Capacity Report Information

Overview:

- Project Code: **158 - Poultry Survey**
- Questionnaire mail out around December 22nd each year
- Release: *Hatchery Production*: late April
- Note: Over 90% of the sample is also selected for monthly and/or weekly poultry hatchery surveys
- Contacting all operations with a hatchery capacity of 1,000 or more chicken or turkey eggs.
- Capacity questions will be first asked for Chicken and then Turkey
- Looking for any equipment and facilities for hatching
- Capacity for up to three locations for capacity of:
 - Setters
 - Hatchers
 - Total = Setter + Hatchers
- Did they hatch any chicks/poults on their operation
- What is the livability between the hatchery and the processor
- Type of chicks/poults sold or moved and average price received

Terms:

- **Chick** – a young bird, especially one newly hatched
- **Poult** – a young turkey before its sex can be determined
- **Incubator** – an apparatus or chamber which provides favorable environmental conditions for the hatching of eggs
- **Setter** – part of the incubator where eggs are frequently turned and spend the majority of the time during the incubating process
- **Hatcher** – incubator where eggs typically spend the last three days of the incubating process and are left stationary
- **Hatching** – a young bird emerges from its egg
- **Livability** – the sum of the factors that add up to quality of life. For example, if a producer had a 5% mortality rate, then that equals a 95% livability rate.

Tidbits:

- Setter capacity is typically 75% to 95% of total incubating capacity and so then hatcher capacity is typically then 5% to 25% of the total incubating
- Some operations may track mortality rate (death rate) as opposed to livability. If this is the case, you can subtract the mortality rate they give you from 100 to get the livability rate.
- It takes about 28 days to hatch a turkey egg in an incubator. Typically, in setter for 25 days and hatcher for last 3 days. Eggs turn in the setter then are still in the hatcher.
- It takes 21 days to hatch a chicken egg. Typically, 18 days inside setter and 3 days in hatcher. Eggs turn in setter then are still in the hatcher.

January Hatchery Capacity Report Practice Interviews

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Practice Interview 1:

Who is responding? **Operator**

Let me verify the name, address, and phone number that I have for this operation. Is this information correct? **Yes**

Does this operation currently have the equipment and facilities that can be used to hatch chicks? **Yes**

As of January 1, how many chicken hatchery locations did this operation maintain in [STATE]? **1**

For which chicken hatching location are you reporting? **CKN Nuggets**

What is the maximum number of chicken eggs this location's setters can hold at one time? **40,000**

What is the maximum number of chicken eggs this location's hatchers can hold at one time? **13,000**

The operation's total chicken incubating capacity in [STATE] is: 53,000 chicks. Is this correct? **Yes**

During 20XX, were any chicks hatched on this operation? **Yes**

During 20XX, how many broiler-type chicks were hatched on this operation? **68,000**



In the previous 12 months, for your flocks raised for meat production in [STATE], what was the average livability percent, to the nearest tenth of a percent, between the hatchery and the processor for broiler-type chicks? **96%**

During 20XX, how many egg-type chicks were hatched on this operation? **72,000**

During 20XX, for all chicks sold or moved, what was the average price received in dollars and cents for the broiler-type chicks? **\$15.75**

During 20XX, for all chick sold or moved, what was the average price received in dollars and cents for 100 egg-type chicks? **\$50.25**

During 20XX, what was the average price paid to the producer in dollars and cents for one dozen fertile broiler-type and egg-type eggs? **\$4.00**

Does this operation currently have the equipment and facilities that can be used to hatch poults? **No**

During 20XX, were any poults hatched on this operation? **No**

Do you make any day-to-day decisions for another farm or ranch? **No**

Would you rather have a brief summary emailed to you at a later date? **No**

Practice Interview 2:

Does this operation currently have the equipment and facilities that can be used to hatch chicks? **Yes**

As of January 1, how many chicken hatchery locations did this operation maintain in [STATE]? **1**

For which chicken hatching location are you reporting? **Chickadee Hatchery**

What is the maximum number of chicken eggs this location's setters can hold at one time? **50,000**

What is the maximum number of chicken eggs this location's hatchers can hold at one time? **12,000**

The operation's total chicken incubating capacity in [STATE] is: 62,000 chicks. Is this correct? **Yes**

During 20XX, were any chicks hatched on this operation? **Yes**

During 20XX, how many broiler-type chicks hatched on this operation? **100,000**

In the previous 12 months, for your flocks raised for meat production in [STATE], what was the average livability percent, to the nearest tenth of a percent, between the hatchery and the processor for broiler-type chicks? **96%**

During 20XX, how many egg-type chicks were hatched on this operation? **0**

During 20XX, for all chicks sold or moved, what was the average price received in dollars and cents for 100 broiler-type chicks? **\$24.00**

During 20XX, what was the average price paid for one dozen fertile broiler-type and egg-type eggs?

\$4.00



Does this operation currently have the equipment and facilities that can be used to hatch poults? **Yes**

As of January 1, how many turkey hatchery locations did this operation maintain in [STATE]? **1** For which turkey hatchery location are you reporting? **Eggz Crackin**

What is the maximum number of turkey eggs this location's setters can hold at one time? **5,000**

What is the maximum number of turkey eggs this location's hachers can hold at one time? **1,000**

This operation's total turkey incubating capacity in [STATE] is: 6,000 poults. Is this correct? **Yes**

During 20XX, were any poults hatched on this operation? **Yes**

During 20XX, how many poults were hatched on this operation? **25,000**

Do you make any day-to-day decisions for another farm or ranch? **No**

Would you rather have a brief summary emailed to you at a later date? **No**

Practice Interview 3:

Who is responding? **Spouse, Sara Farmer**

Let me verify the name, address, and phone number that I have for this operation. Is this information correct? **Yes**

Does this operation currently have the equipment and facilities that can be used to hatch chicks?

No

During 20XX, where any chicks hatched on this operation? **No**

Does this operation currently have the equipment and facilities that can be used to hatch poults?

Yes

As of January 1, how many turkey hatchery locations did this operation maintain in [STATE]? **2**

For which turkey hatching location are you reporting? **Hill Top Gobblers**

What is the maximum number of turkey eggs this location's setters can hold at one time? **100,000**

What is the maximum number of turkey eggs this location's hatchers can hold at one time?

25,000

For which turkey hatching location are you reporting? **Turkeys a Hatching**

What is the maximum number of turkey eggs this location's setters can hold at one time? **80,000**

What is the maximum number of turkey eggs this location's hatchers can hold at one time?

16,800

The operation's total turkey incubating capacity in [STATE] is: 221,800 poults. Is this correct? **Yes**

During 20XX, were any poults hatched on this operation? **Yes**

During 20XX, how many poults were hatched on this operation? **138,000,200**

Do you make any day-to-day decisions for another farm or ranch? **No**

Would you rather have a brief summary emailed to you at a later date? **No**

Practice Interview 4:

Who is responding? **Operator**

Let me verify the name, address, and phone number that I have for this operation. Is this information correct? **Yes**

Does this operation currently have the equipment and facilities that can be used to hatch chicks? **Yes**

As of January 1, how many chicken hatchery locations did this operation maintain in [STATE]?

1

For which chicken hatching location are you reporting? **Hens All About**

What is the maximum number of chicken eggs this location's setters can hold at one time?

20,000

What is the maximum number of chicken eggs this location's hatchers can hold at one time?

5,000

The operation's total chicken incubating capacity in [STATE] is: 25,000 chicks. Is this correct?

Yes

During 20XX, were any chicks hatched on this operation? **Yes**

During 20XX, how many broiler-type chicks were hatched on this operation? **15,000**

In the previous 12 months, for your flocks raised for meat production in [STATE], what was the average livability percent, to the nearest tenth of a percent, between the hatchery and the processor for broiler-type chicks? **98%**

During 20XX, how many egg-type chicks were hatched on this operation? **25,800**



During 20XX, for all chicks sold or move, what was the average price received in dollars and cents for 100 broiler-type chicks? **\$39.89**

During 20XX, for all chicks sold or moved, what was the average price received in dollars and cents for 100 egg-type chicks? **\$42.79**

During 20XX, what was the average price paid for one dozen fertile broiler-type and egg-type eggs? **\$2.73**

Does this operation currently have the equipment and facilities that can be used to hatch poult? **No**

During 20XX, were any poults hatched on this operation? **No**

Do you make any day-to-day decisions for another farm or ranch? **No**

Would you rather have a brief summary emailed to you at a later date? **No**

