



United States
Department of
Agriculture

NAHMS Swine 2021 Study Timeline

The Swine 2021 Large Enterprise study is designed to provide participants and industry stakeholders with benchmarking information on the U.S. swine industry. Information collected will contribute to critically important epidemiologic surveillance that will inform disease management and preparedness strategies to safeguard the swine industry.

PHASE I: NASS VISIT

JULY-AUGUST 2021
NATIONAL AGRICULTURAL STATISTICS
SERVICE (NASS)

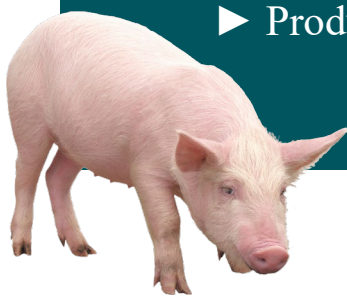
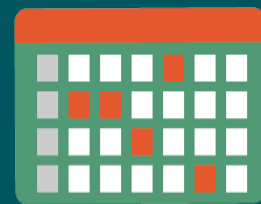
- **General Swine Operation Questionnaire**

- ▶ Operations with multiple sites subselect up to 3 breeding sites and 6 nonbreeding sites to represent their operation

- **General Swine Farm (Site) Management Questionnaire**

- **Consent Form for Phase II**

- ▶ Producer consent for contact from Veterinary Services (VS)



PHASE II: VS VISIT

SEPT 2021-JANUARY 2022
VETERINARY SERVICES (VS)

- **Producer Agreement**

- ▶ Producer consents to participation in questionnaires and each biologic test

- **VS Questionnaire (Health and management data collection)**

- **Biologic Testing**

- ▶ *Enteric Microbe Tests*: Detection, serotyping/speciation and susceptibility testing for *Salmonella*, *E. coli*, *Campylobacter* and *Enterococcus* for finisher pigs aged 20 weeks or more
- ▶ *Oral Fluids Virus Tests*: Detection of Nucleic acid presence for Seneca Valley virus



PHASE III: REPORTS

JAN 2022-Onward

- **Producer Reports**

- ▶ Operation- specific biologic test results mailed to producers in a sealed envelope

- **Descriptive Reports**

- ▶ Reference guides for benchmarking and analyzing trends in the industry

- **Information Sheets**

- ▶ Focused analyses on important issues to the industry





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NAHMS Swine 2021 Study Producer Benefits

SEPTEMBER 2021- JANUARY 2022

Safeguarding the U.S. Swine Industry

Collectively, swine producers like you will play an important role in safeguarding the U.S. swine industry. Information provided in the Swine 2021 study will:

- Provide transparent, credible information on U.S. swine industry practices to help counter misinformation and ultimately protect U.S. swine production.
- Aid in preparedness strategies for foreign animal diseases such as African Swine Fever.
- Facilitate trade negotiations by providing trading partners with a summary of the structure and health status of the U.S. swine industry.
- Assist policymakers and industry stakeholders in making more informed decisions affecting the swine industry.

Free Enteric Microbe Tests a \$3,225 Value*

- Detection, serotyping and susceptibility testing of *Salmonella*
- Detection and susceptibility testing of *E. coli*
- Detection, speciation and susceptibility testing of *Enterococcus*



Oral Fluids Virus Tests a \$200 Value*

- Detection of Nucleic acid presence of Seneca Valley virus



■ Biological testing costs include:

- ▶ Diagnostic testing
- ▶ Confidential, descriptive report of results

* Values based on estimated average cost at diagnostic laboratories for testing 8 ropes for oral fluids and 30 fecal samples per farm