



United States Department of Agriculture

GENERAL SWINE FARM QUESTIONNAIRE (CATI) Swine 2012 July 2012



Animal and Plant Health Inspection Service
2150 Centre Ave, Bldg. B
Fort Collins, CO 80526-8117

Form Approved
O.M.B. Number 0579-0315
EXP. DATE XX/XXXX
NAHMS 289
Project Code

SECTION 1: SAMPLE UNIT DEFINITION

I would like to determine the number of distinct production sites on which you raise hogs or pigs. For the purposes of this study a site may consist of facilities in proximity to one another and operated as one unit while separate sites might consist of facilities at different physical locations.

1. Do you raise hogs at **more than** one production site?
 Yes [Enter code 1 and continue] **NO** [Enter code 3 and go to Section 2].....0101

2. On how many separate production sites were your hogs **raised** on **June 1, 2012**?
(Contractee locations where hogs are raised for you as a contractor should be **included**.).....0102

3. Of these sites, how many had:
a. **Only** sows and gilts for breeding?.....0103
b. **Only** other hogs and pigs? (no sows or gilts for breeding).....0104
c. **Both** sows and gilts for breeding **and** other hogs and pigs **together**?.....0105

[NOTE: The total of 3a + 3b + 3c should equal the number in the box for Item 2.]

Now I would like to select a maximum of three to ten sites for further questions. [Go to the Site Selection Form and use the random-number table to select the sites and complete a questionnaire for each selected site.]

SECTION 2: SWINE INVENTORY [Site and/or Operation]

[NOTE: If only one production site, complete column for operation inventory and leave column for site inventory blank. If multiple sites, complete both the operation and site inventory columns.]

1. Of the total hogs and pigs on hand June 1, 2012 (including those raised by someone else for you on contract), how many were:

	Site		Operation
a. Sows and bred gilts for breeding?.....	0106+	0115
b. Unmated gilts in the breeding herd? (replacements).....	0107+	0116
c. Unmated gilts for breeding not yet in the breeding herd? (replacements).....	0108+	0117
d. Suckling pigs?.....	0109+	0118
e. Boars and young males for breeding?.....	0110+	0119
f. Cull boars, sows and gilts?	0111+	0120
g. Weaned market hogs under 60 pounds?.....	0112+	0121
h. Market hogs 60 pounds and over (excluding cull sows, gilts and boars)?.....	0113+	0122
i. Then the total number of hogs and pigs on this site/operation June 1, 2012 , was =	0114=	0123

[NOTE: If both columns of Item 1 equal ZERO, go to Section 9.]

2. During the 6-month period of **December 1, 2011, through May 31, 2012**:
a. Did any sows or gilts farrow?.....
 Yes₁ No₃

b. Were any sows or gilts bred?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃
[NOTE: If both Items 2a and 2b are NO, SKIP to Section 3, Item 20; otherwise, CONTINUE.]	

SECTION 3:	BREEDING AND PREWEANING ANIMAL MANAGEMENT	1	2
1. Which management approach best describes how the majority of animals in the Gestation and Farrowing phases on your site are managed? [Enter code from List 1 below, and see Note.].....		GESTATION	FARROWING
2. What type of facility is used for the most animals in the [read column heading] phase? [Enter code from List 2 below.].....			
3. How are the majority of sows and gilts in the [read column heading] facility housed? [Enter code 1=INDIVIDUAL STALL, 2=GROUP HOUSING (e.g., PENS), 3=OTHER.]... a. If Item 3 is coded 3 (other) please write a brief description in box:.....			
4. What is the average # animals in the housing unit indicated in Item 3?.....		#animals	#animals
5. What is the typical size of the holding unit indicated in Item 3 (sq. ft.)?.....		sq. ft.	sq. ft.
[NOTE: All-in, all-out management means that every single animal is removed from a pen, room, building, or site, and the swine areas are then cleaned and disinfected before any new animals arrive. If a facility is never completely empty of pigs, the management approach is referred to as continual flow.]			
LIST 1 - Management		LIST 2 - Facility	
1. Continual flow 2. All swine removed, but swine pen/areas not cleaned and disinfected 3. All in, all out by room , with room cleaned and disinfected 4. All in, all out by building , with building cleaned and disinfected 5. All in, all out by site , with site cleaned and disinfected 6. Not applicable (e.g., no housing)	1. Total confinement (with mechanical ventilation) 2. Open building with no outside access 3. Open building with outside access 4. Lot with hut or no building 5. Pasture with hut or no building		
6. How many replacement gilts were introduced into the breeding herd between Dec. 1, 2011, and May 31, 2012?			Total Gilts
[NOTE: If Item 6 is ZERO (no replacement gilts were introduced into the breeding herd between Dec. 1, 2011, and May 31, 2012), SKIP to Item 9.]			
7. Between Dec. 1, 2011, and May 31, 2012 , how many GROUPS of replacement gilts were introduced into the sow herd as breeding animals?.....			# of Groups
10. 8. What is the average age of replacement gilts, in weeks, when they are: a. Designated as part of the breeding herd?..... b. Introduced into the breeding herd (commingled with sows)?.....			Age in Weeks
9. Typically, is newly arriving , new breeding stock always, sometimes or never put through an isolation or quarantine process when being introduced to the site [enter Code number from below in the Code Number box]? And if done ALWAYS or SOMETIMES , how many days does it last [enter number in Number of Days box]? ALWAYS1 <input type="checkbox"/>			Code Number

a. Breeding Females?	SOMETIMES.....2	}	→	# of Days
	NEVER.....3			
	NO NEW ARRIVALS.....4			
b. Breeding Males?	ALWAYS.....1	}	→	Code Number
	SOMETIMES.....2			
	NEVER.....3			# of Days
	NO NEW ARRIVALS.....4			

[NOTE: If BOTH Items 9a and 9b are code 4 (no new arrivals), SKIP to Item 11.]

SECTION 3: BREEDING AND PREWEANING ANIMAL MANAGEMENT (continued)

10. Of the **newly arriving** breeding stock, are **all of them, some of them, or none of them** typically tested for disease before being introduced to the breeding herd? *[leave code box blank if not applicable]*

a. Breeding Females?	ALL.....1	}	→	Code
	SOME.....2			
	NONE.....3			
a. Breeding Males?	ALL.....1	}	→	Code
	SOME.....2			
	NONE.....3			

[NOTE: A service is one or more matings in the same heat cycle/estrous period.]

11. How many <i>[read column heading]</i> on this site were serviced between Dec. 1, 2011, and May 31, 2012?	Sows	Gilts

12. During the 6-month period of **Dec. 1, 2011,** through **May 31, 2012:**

a. How many sows and gilts farrowed (counting each time a sow farrowed separately)?.....	Head
b. How many pigs were born (including stillborns and mummies)?.....	
c. How many of the (Item 12b) pigs were born alive ?.....	
d. Of the (Item 12c) pigs born alive , how many have been or will be weaned ?.....	

13. Then, the number of preweaning deaths that occurred (between **Dec. 1, 2011,** and **May 31, 2012**) was: *[Subtract Item 12d from 12c, and enter result.]*.....

Head

14. What was the **average age**, in number of days, of pigs at **weaning** on **this site** for the period **Dec. 1, 2011,** through **May 31, 2012?**.....

of Days

15. Are **weaned pigs** moved from the farrowing facility/area to a "**separate-site**" nursery facility/area?.....

Yes₁ No₃

16. What was the average number of litters per sow in the last year?.....

Avg. # of Litters

17. What was the **average parity** of breeding age females on this site?.....

Avg. Parity

18. During the 6-month period of Dec. 1, 2011 , through May 31, 2012 , how many breeding-age females :	Head
a. Died?.....	
b. Were culled?.....	
19. During the 6-month period of Dec. 1, 2011 , through May 31, 2012 , on this site , did you regularly give piglets (before or at weaning) Oral Vitamin D?	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄
20. During the 6-month period of December 1, 2011 , through May 31, 2012 , did this site raise weaned market pigs ?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃
[NOTE: If Item 20 equals NO, SKIP to Section 7.]	
21. During the 6-month period of December 1, 2011 , through May 31, 2012 , did this site place all weaned market pigs in a Wean-to-Finish unit ?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃
[NOTE: If Item 21 equals YES, SKIP to Section 6. Otherwise, continue with Section 4.]	

SECTION 4: NURSERY PIG MANAGEMENT	
1. Which management approach best describes how the majority of animals in the Nursery phase on your site are managed? [<i>Enter code from List 1 below, and see Note.</i>].....	
2. How many distinct age groups typically exist at one time in the Nursery phase?.....	
3. What type of facility is used for the most animals in this Nursery production phase? [<i>Enter code from List 2 below.</i>].....	
4. What is the average # of Nursery Pigs per pen or other holding unit?.....	#animals
5. What is the average size of pens or other holding units that contain Nursery pigs (sq. ft.)?.....	sq. ft.
[NOTE: All-in, all-out management means that every single animal is removed from a pen, room, building, or site, and the swine areas are then cleaned and disinfected before any new animals arrive. If a facility is never completely empty of pigs, the management approach is referred to as continual flow.]	
LIST 1 - Management	LIST 2 - Facility
1. Continual flow 2. All swine removed, but swine pen/areas not cleaned and disinfected 3. All in, all out by room , with room cleaned and disinfected 4. All in, all out by building , with building cleaned and disinfected 5. All in, all out by site , with site cleaned and disinfected 6. Not applicable (e.g., no housing)	1. Total confinement (with mechanical ventilation) 2. Open building with no outside access 3. Open building with outside access 4. Lot with hut or no building 5. Pasture with hut or no building
6. During the 6-month period of Dec. 1, 2011 , through May 31, 2012 , how many pigs entered the Nursery Phase on this site (Include pigs weaned, purchases, and movements from other facilities.)?.....	Head
7. Were the Nursery pigs above, if from different sources (on-site or off-site), commingled in the same facility?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄

[NOTE: Items 8 and 9 refer to pigs that entered the Nursery phase (Item 6) on this site during the period of Dec. 1, 2011, through May 31, 2012.]

8. How many pigs **died** during the **Nursery phase** on **this site** of those that entered?.....

Head

9. What was the **average age** of pigs, in number of days, when:

Age in Days

a. They entered the nursery units?.....

b. They left the nursery units?.....

10. Did you **regularly give** Oral Vitamin D to Nursery pigs on **this site**?.....

Yes₁ No₃ D/K₄

[NOTE: .IF No Grower/Finisher phase, *SKIP TO* Section 7. Otherwise, *CONTINUE.*]

SECTION 5:**GROWER/FINISHER MANAGEMENT**

1. Which management approach best describes how the majority of animals in the Grower/Finisher phase on your site are managed? [Enter code from List 1 below, and see <i>Note</i> .].....	
2. How many distinct age groups typically exist at one time in the Grower/Finisher phase?.....	
3. What type of facility is used for the most animals in this Grower/Finisher production phase? [Enter code from List 2 below.].....	
4. What is the average # of Grower/Finisher Pigs per pen or other holding unit?.....	#animals
5. What is the average size of pens or other holding units that contain Grower/Finisher pigs (sq. ft.)?.....	sq. ft.

[NOTE: All-in, all-out management means that every single animal is removed from a pen, room, building, or site, and the swine areas are then cleaned and disinfected before any new animals arrive. If a facility is never completely empty of pigs, the management approach is referred to as continual flow.]

LIST 1 - Management	LIST 2 - Facility
1. Continual flow 2. All swine removed, but swine pen/areas not cleaned and disinfected 3. All in, all out by room , with room cleaned and disinfected 4. All in, all out by building , with building cleaned and disinfected 5. All in, all out by site , with site cleaned and disinfected 6. Not applicable (e.g., no housing)	1. Total confinement (with mechanical ventilation) 2. Open building with no outside access 3. Open building with outside access 4. Lot with hut or no building 5. Pasture with hut or no building

6. During the 6-month period of Dec. 1, 2011 , through May 31, 2012 , how many pigs entered the Grower/Finisher Phase on this site (Include those that came from the nursery phase, purchases, and movements from other facilities.)?.....	Head
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7. Were Grower/ Finisher pigs above, if from different sources (on-site or off-site), commingled in the same facility?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄
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[NOTE: Items 8 and 9 refer to pigs that entered the Grower/Finisher phase (Item 9) on this site during the period of Dec. 1, 2011, through May 31, 2012.]

8. How many pigs died during the Grower/Finisher phase on this site of those that entered?.....	Head
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9. What was the average age of pigs, in number of days, when:	Age in Days
a. They entered the Grower/Finisher units?.....	
b. They left the Grower/Finisher units?.....	

[NOTE: If NO Wean-to-Finish phase, SKIP TO Section 7. Otherwise, CONTINUE.]

SECTION 6: WEAN-TO-FINISH MANAGEMENT	
1. Which management approach best describes how the majority of animals in Wean-to-Finish phase on your site are managed? [Enter code from List 1 below, and see Note.].....	
2. How many distinct age groups typically exist at one time in the Wean-to-Finish phase?.....	
3. What type of facility is used for the most animals in this Wean-to-Finish production phase? [Enter code List 2 below.].....	
[NOTE: All-in, all-out management means that every single animal is removed from a pen, room, building, or site , and the swine areas are then cleaned and disinfected before any new animals arrive. If a facility is never completely empty of pigs, the management approach is referred to as continual flow .]	
LIST 1 - Management	LIST 2 - Facility
1. Continual flow 2. All swine removed, but swine pen/areas not cleaned and disinfected 3. All in, all out by room , with room cleaned and disinfected 4. All in, all out by building , with building cleaned and disinfected 5. All in, all out by site , with site cleaned and disinfected 6. Not applicable (e.g., no housing)	1. Total confinement (with mechanical ventilation) 2. Open building with no outside access 3. Open building with outside access 4. Lot with hut or no building 5. Pasture with hut or no building
4. During the 6-month period of Dec. 1, 2011 , through May 31, 2012 , how many pigs entered the Wean-to-Finish phase or the Wean-to-Finish units on this site (Include pigs weaned, purchases, and movements from other facilities.)?.....	Head
5. Were the Wean-to-Finish pigs above, if from different sources (on-site or off-site), commingled in the same facility?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄
6. During the 6-month period of Dec. 1, 2011 , through May 31, 2012 , what was the average age of pigs, in number of days, when: a. They entered the Wean-to-Finish units?..... b. They left the Wean-to-Finish units (excluding those that left because of the Split (below) if applicable)?...	Age in Days
7. Did you regularly give Oral Vitamin D (as young pigs) to Wean-to-Finish pigs on this site ?	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄
[NOTE: In a wean-to-finish building, overstocking means to fill a pen with weaned pigs and then move some of them to another pen to provide more space at a certain size/age. This is called a Split .]	
8. How often are buildings or units overstocked when they are first filled with	<input type="checkbox"/> Always ₁ <input type="checkbox"/> Sometimes ₂ <input type="checkbox"/> Never ₃ <input type="checkbox"/> D/K ₄
[NOTE: If Item 8 is NEVER or Don't Know . SKIP to Item 14.]	
9. What percentage do you overstock by when first filling Wean-to-Finish buildings or units?.....	<input type="checkbox"/> 150% (1.5X) ₁ <input type="checkbox"/> 200% (2X) ₂ <input type="checkbox"/> 300% (3X) ₃ <input type="checkbox"/> Other (write in percent)..... ₄
10. What is the average age of pigs when you remove the excess ("Split")?.....	Age in Days
[NOTE: Items 11-13 refer to all pigs that entered the Wean-to-Finish phase on this site during the period of Dec. 1, 2011, through May 31, 2012 and were in the Wean-to-Finish phase <u>BEFORE</u> the Split.	

11. What is the average # of Wean-to-Finish Pigs per pen or other holding	#animals
12. What is the average size of pens or other holding units that contain Wean-to-Finish pigs (sq. ft.)?.....	sq. ft.
13. Of all pigs that entered the Wean-to-Finish phase on this site, how many <u>died BEFORE</u> the	Head

[NOTE: Items 14-16 refer to pigs that entered the Wean-to-Finish phase on this site from Dec. 1, 2011, through May 31, 2012, and remained AFTER the split OR were there throughout the WHOLE phase if NO split (skipped from Item 8).

14. What is the average # of Wean-to-Finish Pigs per pen or other holding unit?.....	#animals
15. What is the average size of pens or other holding units that contain Wean-to-Finish pigs (sq. ft.)?.....	sq. ft.
16. Of all pigs that entered the Wean-to-Finish phase on this site, how many died <u>AFTER</u> the Split or <u>during the WHOLE phase</u> if NO Split?.....	Head

SECTION 7: BIOSECURITY

1. What percentage of [read column headings] that were reported as having died on this site were disposed of by: [<i>If column heading N/A, enter zero.</i>]	Pigs Not Yet Weaned	Weaned Pigs and Older
a. Burial ON this site?.....+	%	%
b. Burning ON this site?.....+	%	%
c. Renderer pickup ON this site?.....+	%	%
d. Renderer pickup OUTSIDE of this site?.....+	%	%
e. Composting ON this site?.....+	%	%
f. Composting OUTSIDE of this site?.....+	%	%
g. Some other means? (Specify _____).....+	%	%
Total [Items 1a - 1g MUST EQUAL 100%]=	100%	100%

2. Do you allow trucks and trailers from commercial livestock transporters or animal haulers to enter your hog and pig site area? (Livestock includes cattle, poultry, and sheep, not just swine.).....

Yes₁ No₃

3. Before bringing livestock trucks and trailers on site to pick up pigs, do you require that the:

a. Animal area inside of truck be cleaned?..... Yes₁ No₃

b. Animal area inside of truck be disinfected?..... Yes₁ No₃

c. Outside of truck be cleaned?..... Yes₁ No₃

d. Outside of truck be disinfected?..... Yes₁ No₃

4. For **rodent control** on **this site**, do you use:

a. Cats?..... Yes₁ No₃

b. Dogs?..... Yes₁ No₃

c. Traps?..... Yes₁ No₃

d. Bait or poison?.....

<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃
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e. Professional exterminator?.....

<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃
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f. Anything else? (Specify _____).....

<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃
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5. To the nearest **quarter mile**, how many miles is it from **this site** to the nearest site with any swine?.....

Miles
. _ _

6. How many **sites with swine** are within **three miles** of this site?.....

of Sites

7. Are there feral pigs in this county (including pigs on hunting clubs or captive on farms)?.....

<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃	<input type="checkbox"/> D/K ₄
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8. How many times in the last 12 months have feral/wild pigs been seen **on** this operation?

of Times

[NOTE: If Item 9 is ZERO, SKIP to Section 8.]

10. For any of the times that feral/wild pigs were seen **on** this operation, was there any evidence that the feral swine entered or gained access to facilities used to house swine or store feed?.....

<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃
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SECTION 8: OVERALL SWINE FARM MANAGEMENT

<p>1. During the 6-month period of Dec. 1, 2011, through May 31, 2012, how many hogs and pigs were sold or permanently moved off this site? (Include those sold or moved off under a contract arrangement. Include hogs and pigs sold for all uses: market hogs, feeder pigs, replacement stock, cull breeding stock, etc.).....</p>	Head
<p>2. During the past 3 years, on this site, how many times did anyone test:</p> <p>a. Ground water (such as for nitrates or pathogens)?.....</p> <p>b. Nutrient content of manure (such as nitrogen level)?.....</p> <p>c. Air quality (such as ammonia or hydrogen sulfide levels)?.....</p>	# Times/3 yrs

[NOTE: For Item 4, each veterinary visitor must be classified into one role.]

<p>4. The next two questions are about veterinary visits to this site during the past 12 months for any purpose. How many times was your site visited by a person who was a:</p> <p>a. Local veterinary practitioner?.....</p> <p>b. Consulting or second-opinion veterinarian?.....</p> <p>c. On-staff veterinarian ("company vet")?.....</p> <p>d. State or Federal veterinarian?.....</p> <p>e. Other type of veterinarian? (Specify _____).....</p>	# Visits/ 12 months
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SECTION 9: CONCLUSION

Thank you for your time. Please return this Questionnaire in the enclosed envelope.

Respondent Name: _____	Date: _____
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OFFICE USE

	9910 Date ____ MM ____ DD ____ YYYY
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Response	Respondent	Mode	Enum.	Eval.	Office Use for POID
1-Comp 2-R	9901 1-Op/Mgr 2-Sp	9902 1-Mail 2-Tel	9903 098	100	789

3-Inac 4-Office Hold 5-R – Est 6-Inac – Est 7-Off Hold – Est 8-Known Zero		3-Acct/Bkpr 4-Partner 9-Oth	3-Face-to-Face 4-CATI 5-Web 6-e-mail 7-Fax 8-CAPI 19-Other				407	408
<p>According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0315. The time required to complete this information collection is estimated to average .33 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.</p>								<p>NAHMS-289 July 2012</p>