



Animal and Plant  
Health Inspection  
Service

Veterinary  
Services

# Swine Enteric Coronavirus Disease (SECD) Situation Report – Oct 9, 2014

*Information current as of 4:30 pm CST, Oct 8, 2014*

In response to the significant impact swine enteric coronavirus diseases (SECD) are having on the U.S. pork industry, USDA issued a Federal Order for *Reporting, Herd Monitoring, and Management of Novel Swine Enteric Coronavirus Diseases*, effective June 5, 2014. This Situation Report provides current and cumulative information only on SECD-infected premises that have been entered into the Emergency Management Response System (EMRS). These SECD-infected premises have been verified by field personnel, according to the accepted case definition. Veterinary Services and State personnel work with submitting veterinarians to verify the locations sampled and the presence of clinical signs, since issuance of the Federal Order.

General information about the SECD monitoring and control program is provided on the USDA web site at:

[www.aphis.usda.gov/animal-health/secd](http://www.aphis.usda.gov/animal-health/secd)

## Confirmed Positive Premises

Since the Federal Order was initiated on June 5, 2014, 408 SECD-positive premises have been identified, including 376 premises confirmed positive for porcine epidemic diarrhea virus (PEDV); 18 premises confirmed positive for porcine deltacoronavirus (PDCoV); and 14 premises confirmed for both PEDV and PDCoV. SECD-positive premises have been identified in 21 States.

## Status of Laboratory Accessions in EMRS

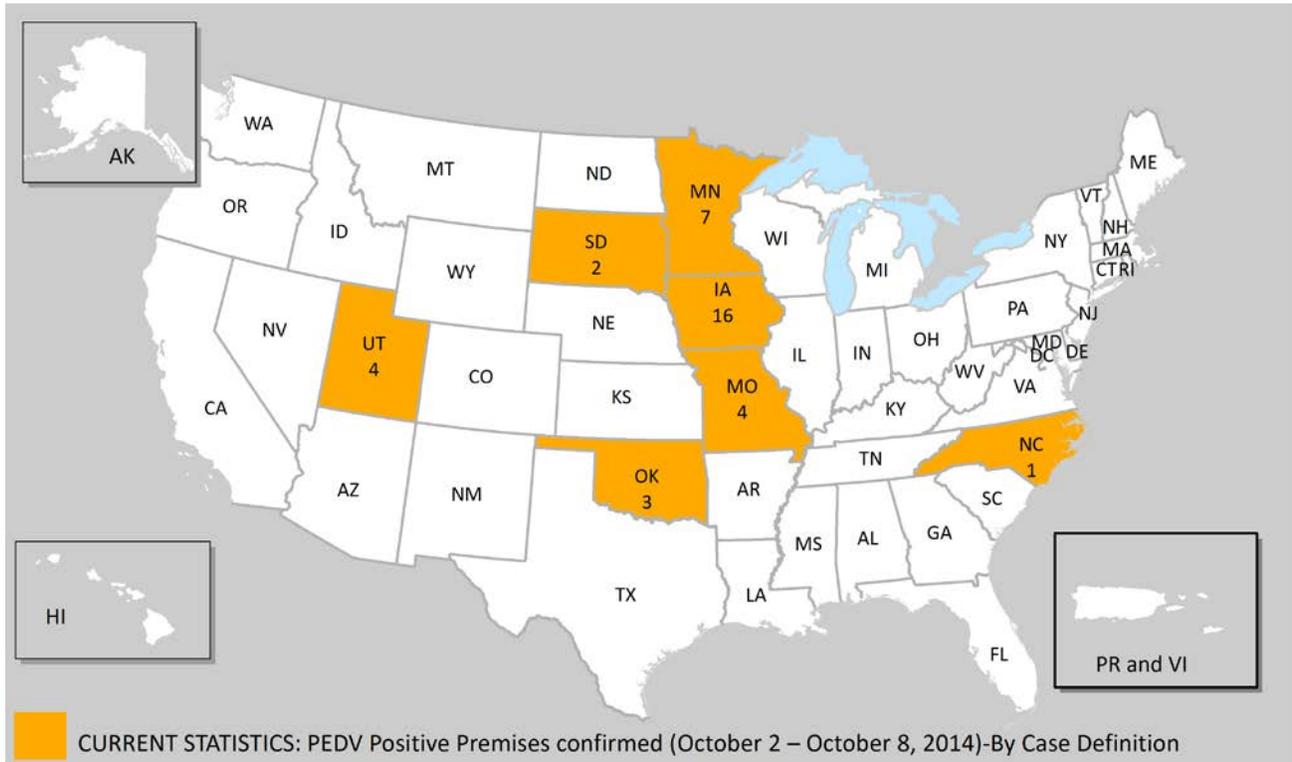
Cumulative since June 5<sup>th</sup>, 2014: These accessions are listed only as an indication of the positive lab accessions that have been received and processed in EMRS, reflecting the workload for State and Federal personnel. These accession data do not equate to verified positive premises; multiple accessions are being submitted for single, positive, premises which results in a much larger number of positive accessions than actual positive premises.

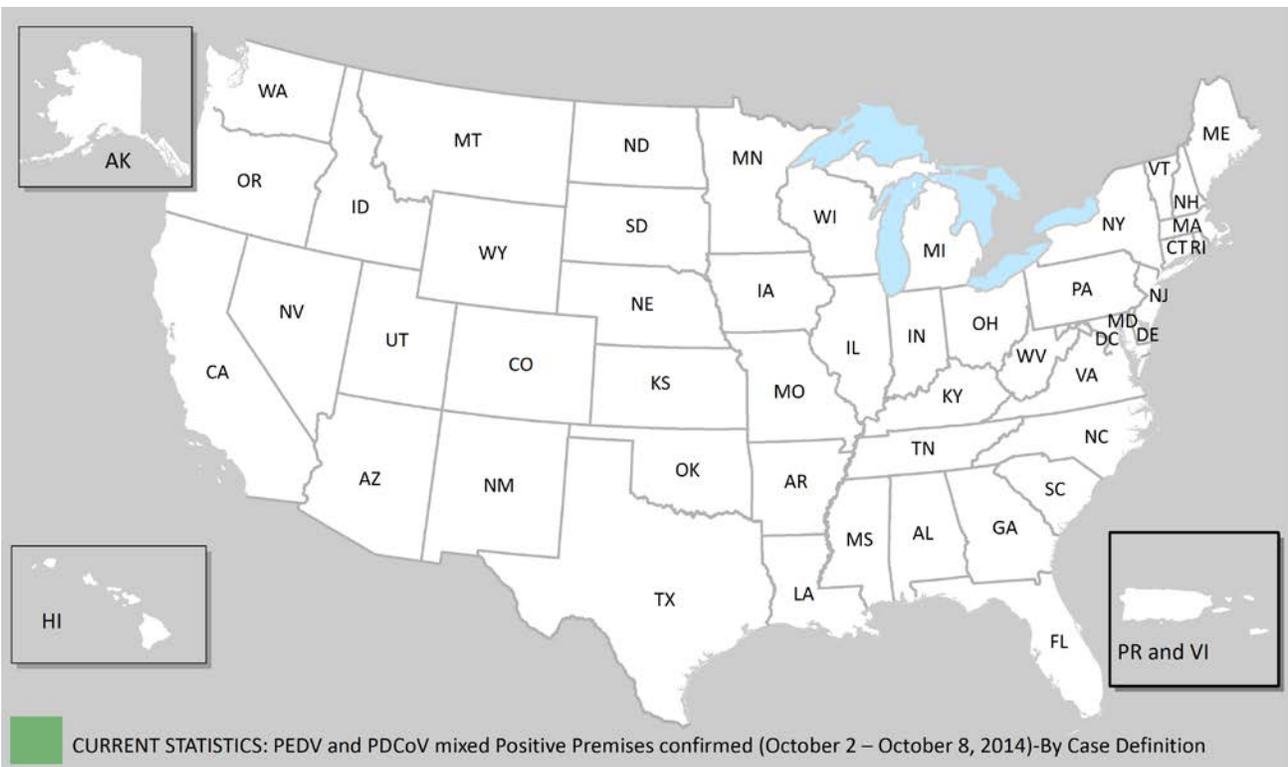
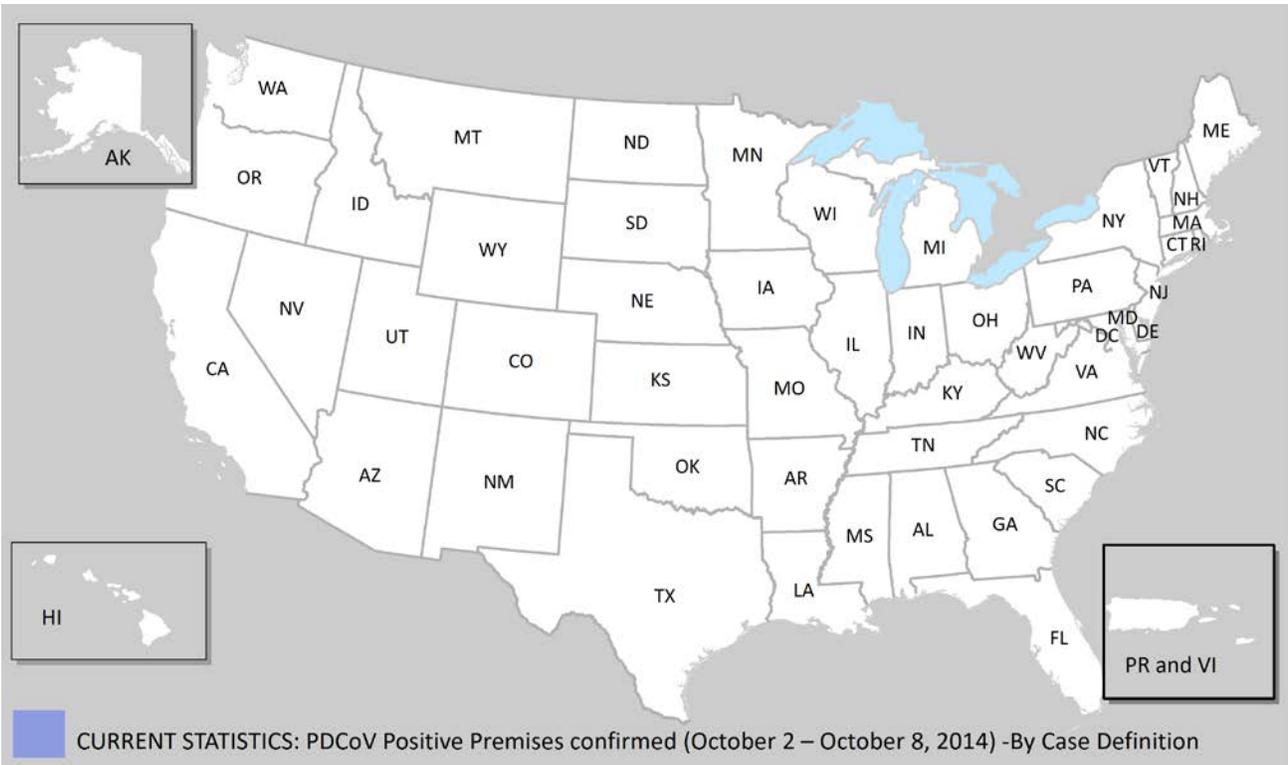
<u># Positive accessions</u> <i>Total received in EMRS.</i>	<u>Received-pending</u> <i>Not yet assigned due to lack of information.</i>	<u>Assigned for follow-up</u> <i>Field personnel contacting submitters.</i>	<u>Verified</u> <i>Matched to premises where sampled.</i>
1359	13	78	1268

Notes:

CURRENT STATISTICS: SECD Positive Premises Confirmed (Oct 2 – Oct 8, 2014) by Case Definition					
State	PEDV Confirmed Positive Premise	PDCoV Confirmed Positive Premises	PEDV and PDCoV Mixed infection Confirmed Positive Premises	SECD Confirmed Positive Premises Totals	SECD Confirmed Positive Premises with Active Herd Plans Added This Period
CA	0	0	0	0	1
IA	16	0	0	16	9
MN	7	0	0	7	1
MO	4	0	0	4	6
NC	1	0	0	1	
OK	3	0	0	3	3
SD	2	0	0	2	
UT	4	0	0	4	4
<b>Totals</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>37</b>	<b>24</b>

**MAPS – Current Statistics**

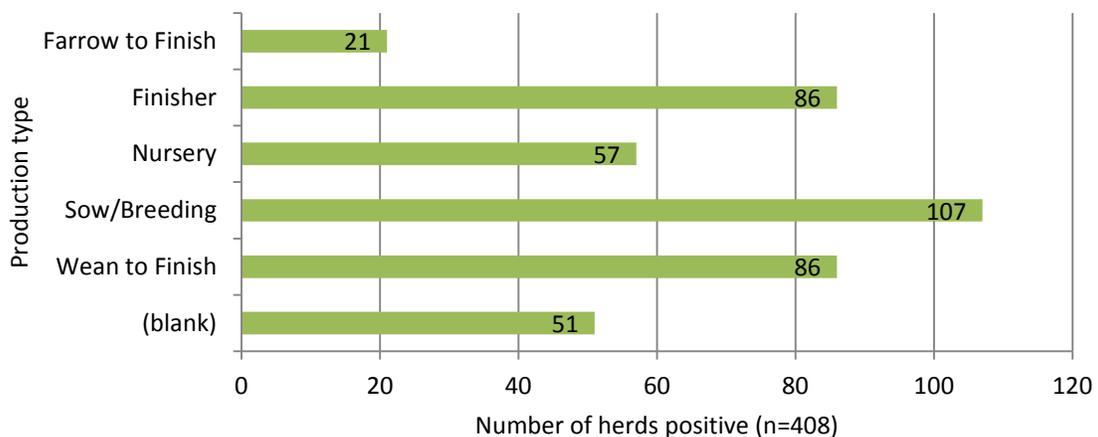




**CUMULATIVE STATISTICS: SECD Positive Premises Confirmed (June 5 – Oct 8, 2014) by Case Definition**

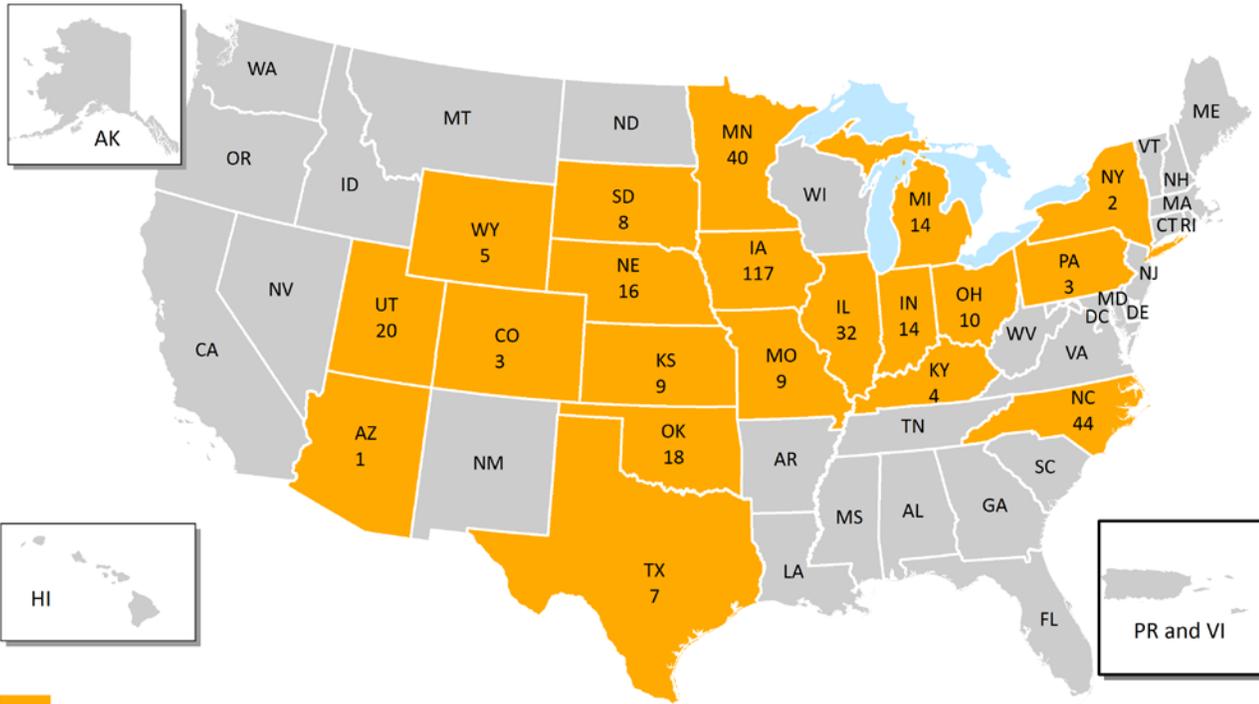
State	PEDV Confirmed Positive Premises	PDCoV Confirmed Positive Premises	PEDV and PDCoV mixed infection Confirmed Positive Premises	SECD Confirmed Positive Premises Totals	SECD Confirmed Positive Premises with Active Herd Plans
AZ	1	0	0	1	1
CA	0	0	1	1	1
CO	3	0	0	3	3
IA	117	8	2	127	64
IL	32	1	0	33	31
IN	14	0	1	15	9
KS	9	0	0	9	7
KY	4	0	0	4	5
MI	14	0	2	16	6
MN	40	3	6	49	22
MO	9	0	0	9	9
NC	44	0	0	44	36
NE	16	1	0	16	9
NY	2	0	0	2	2
OH	10	1	2	13	12
OK	18	0	0	18	18
PA	3	4	0	7	7
SD	8	0	0	8	3
TX	7	0	0	7	6
UT	20	0	0	20	20
WY	5	0	0	5	5
<b>Totals</b>	<b>376</b>	<b>18</b>	<b>14</b>	<b>408</b>	<b>276</b>

**Cumulative Positive Premises by Production Type**

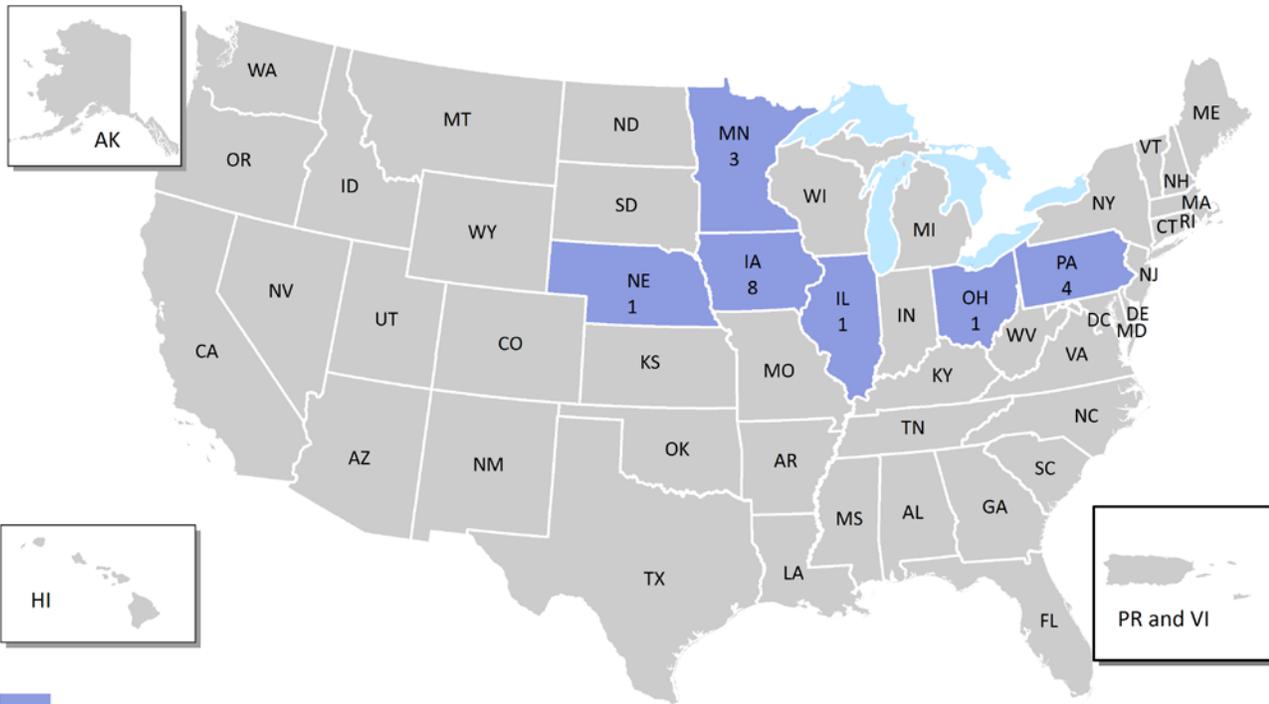


Note: "(blank)" indicates some submitters have not yet provided information on positive premises production type

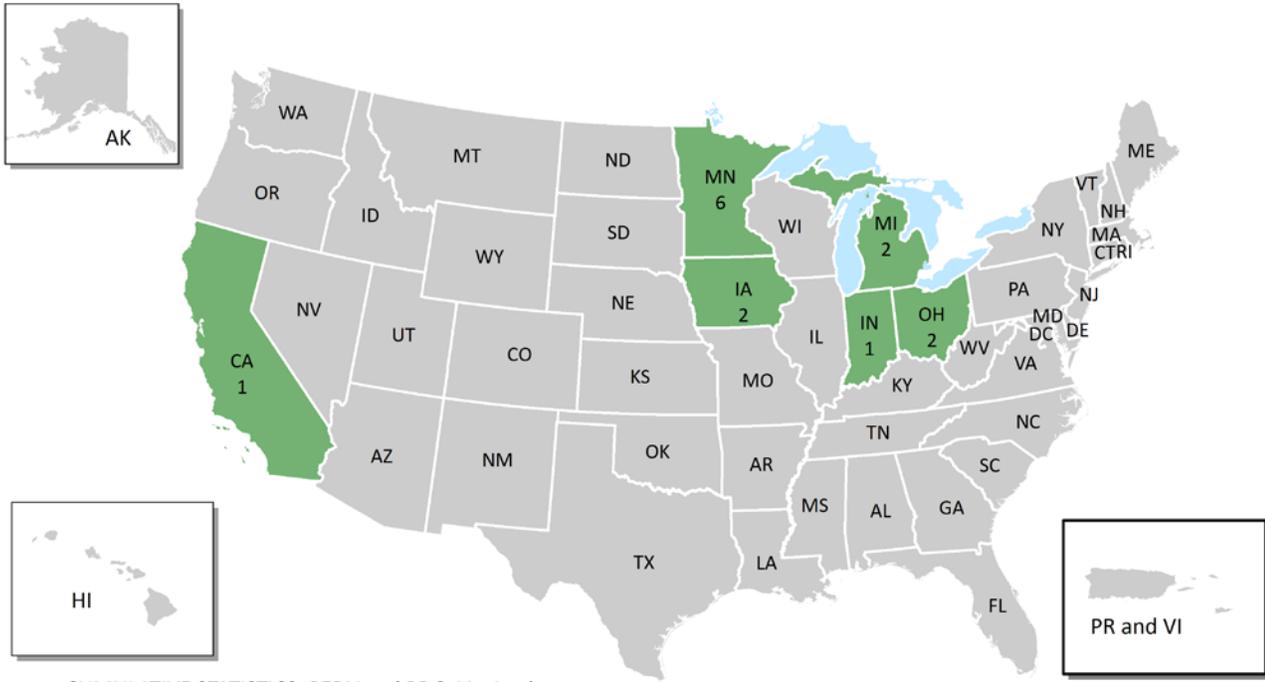
## MAPS – Cumulative Statistics



CUMULATIVE STATISTICS: PEDV Positive Premises confirmed (June 5, – October 8, 2014) -By Case Definition



CUMULATIVE STATISTICS: PDCoV Positive Premises confirmed (June 5, – October 8, 2014) -By Case Definition



CUMULATIVE STATISTICS: PEDV and PDCoV mixed  
 Positive Premises confirmed (June 5, – October 8, 2014) -By Case Definition