



Animal and Plant
Health Inspection
Service

Veterinary
Services

Swine Enteric Coronavirus Disease (SECD) Situation Report – Sep 04, 2014

Information current as of 4:30 pm CST, Sep 03, 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

Confirmed Positive Premises

Since the Federal Order was initiated on June 5, 2014, 248 SECD-positive premises have been identified, including 216 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 18 States.

Status of Laboratory Accessions in EMRS

Cumulative since June 5th, 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>
1140	68	267	805

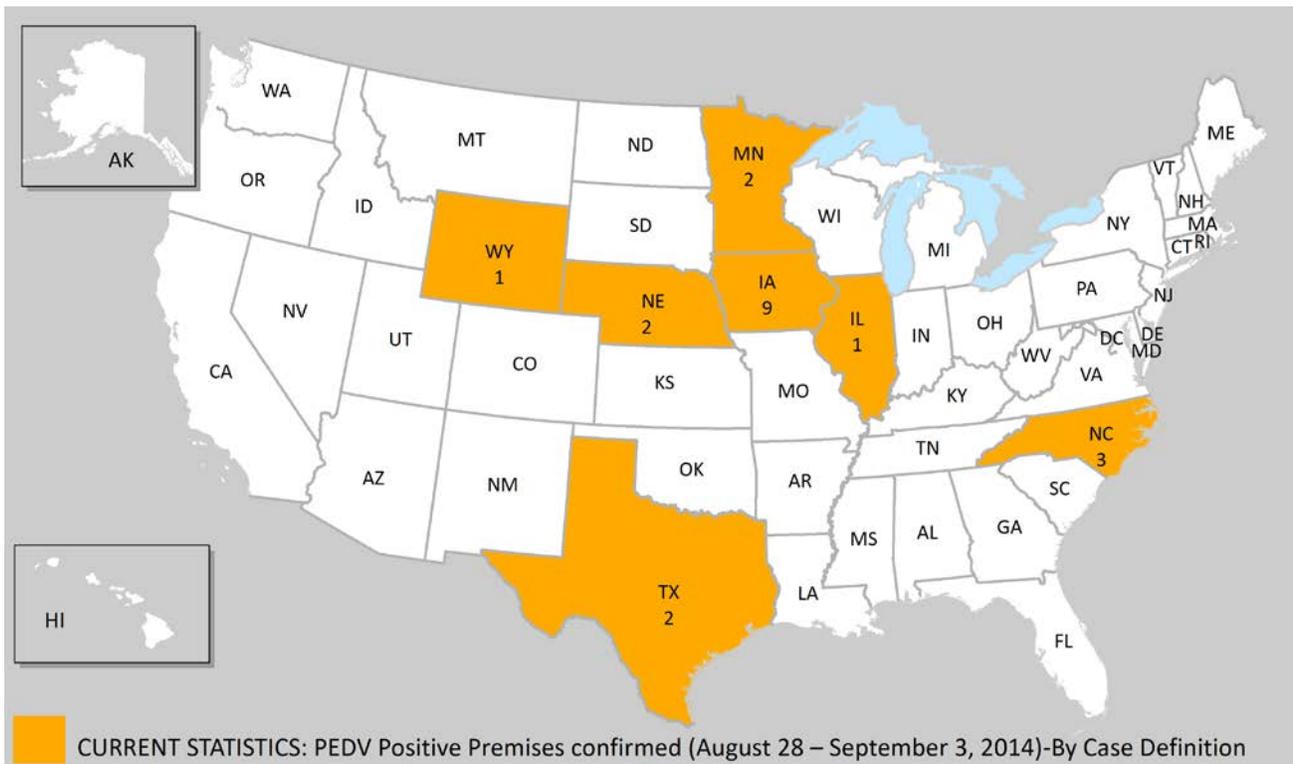
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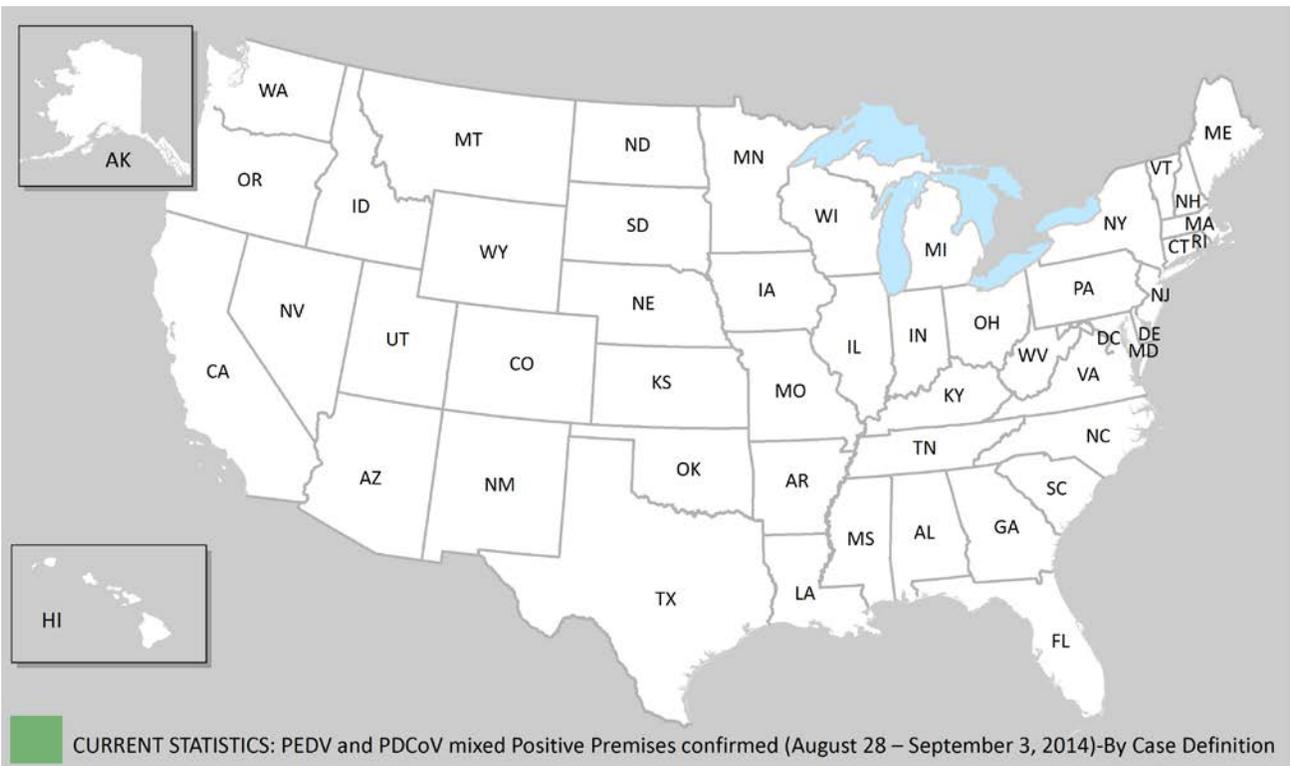
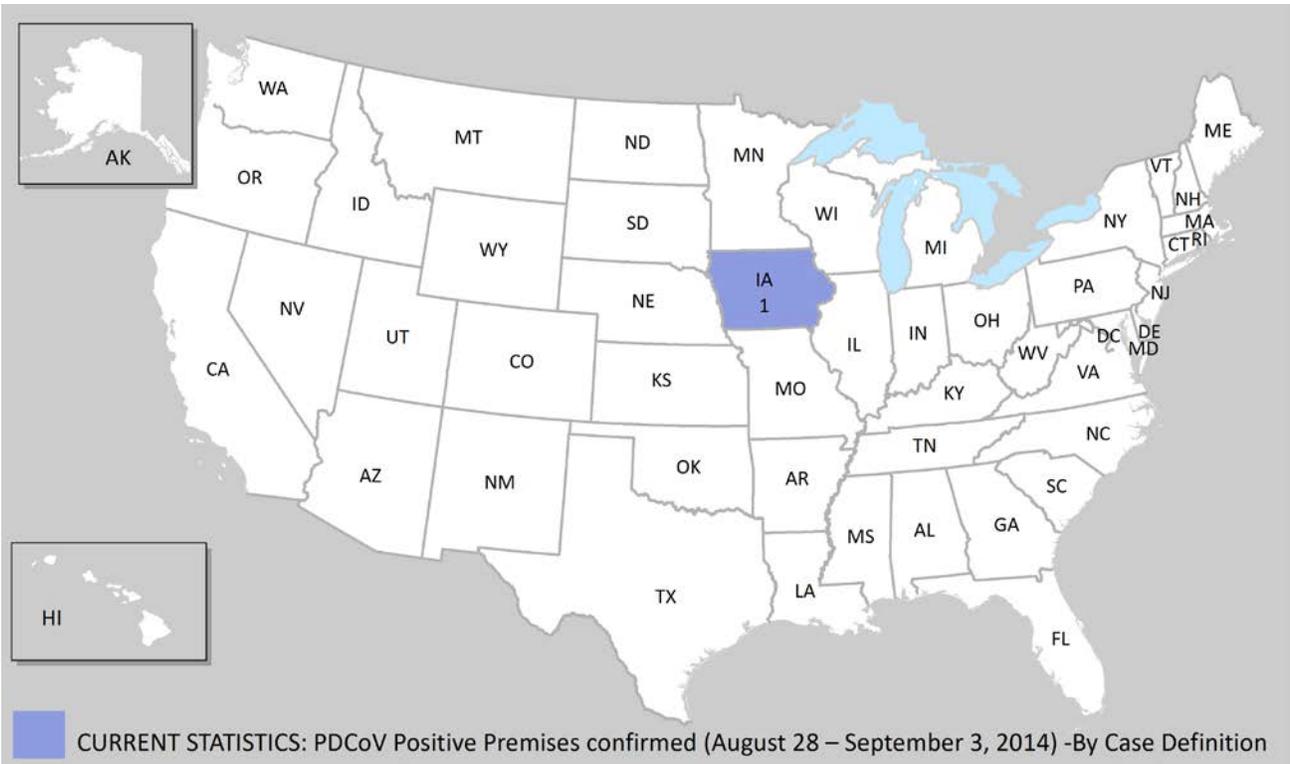
- 1) While verification procedures are providing an accurate location of positive premises, this step can be challenging and is quite different than gathering voluntary surveillance data. For instance, we have identified a number of accessions with an incorrect State of origin listed on the lab submission/LMS result. These are reflected in Assigned LMS accessions and have been sent to submitters for verification. We continue to improve communications and processes with submitters and animal health officials to reduce the verification turnaround time.

CURRENT STATISTICS: SECD Positive Premises Confirmed (Aug 28 – Sep 03, 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
IA	9	1	0	10	7
IL	1	0	0	1	0
IN	0	0	0	0	1
MI	0	0	0	0	6
MN	2	0	0	2	2
NC	3	0	0	3	4
NE	2	0	0	2	0
OH	0	0	0	0	3
OK	0	0	0	0	4
TX	2	0	0	2	2
WY	1	0	0	1	0
Totals	20	1	0	21	29

MAPS – Current Statistics



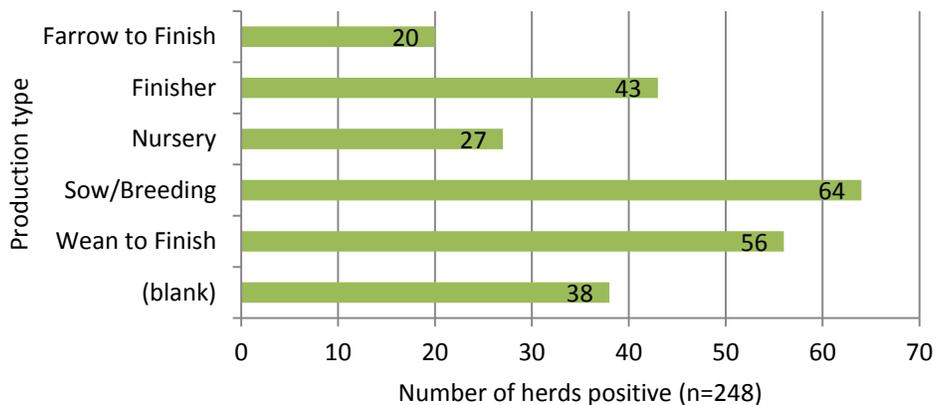


CUMULATIVE STATISTICS: SECD Positive Premises Confirmed (June 5 – Sep 03, 2014) by Case Definition

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	0
CA	0	0	1	1	0
IA	70	8	2	80	33
IL	26	1	0	27	20
IN	2	0	1	3	3
KS	8	0	0	8	6
KY	4	0	0	4	2
*MI	6	0	1	7	9
MN	27	3	7	37	13
NC	17	0	0	17	16
NE	12	1	0	13	7
NY	2	0	0	2	2
OH	10	1	2	13	10
OK	13	0	0	13	13
PA	3	4	0	7	7
SD	6	0	0	6	1
TX	4	0	0	4	3
WY	5	0	0	5	1
Totals	216	18	14	248	146

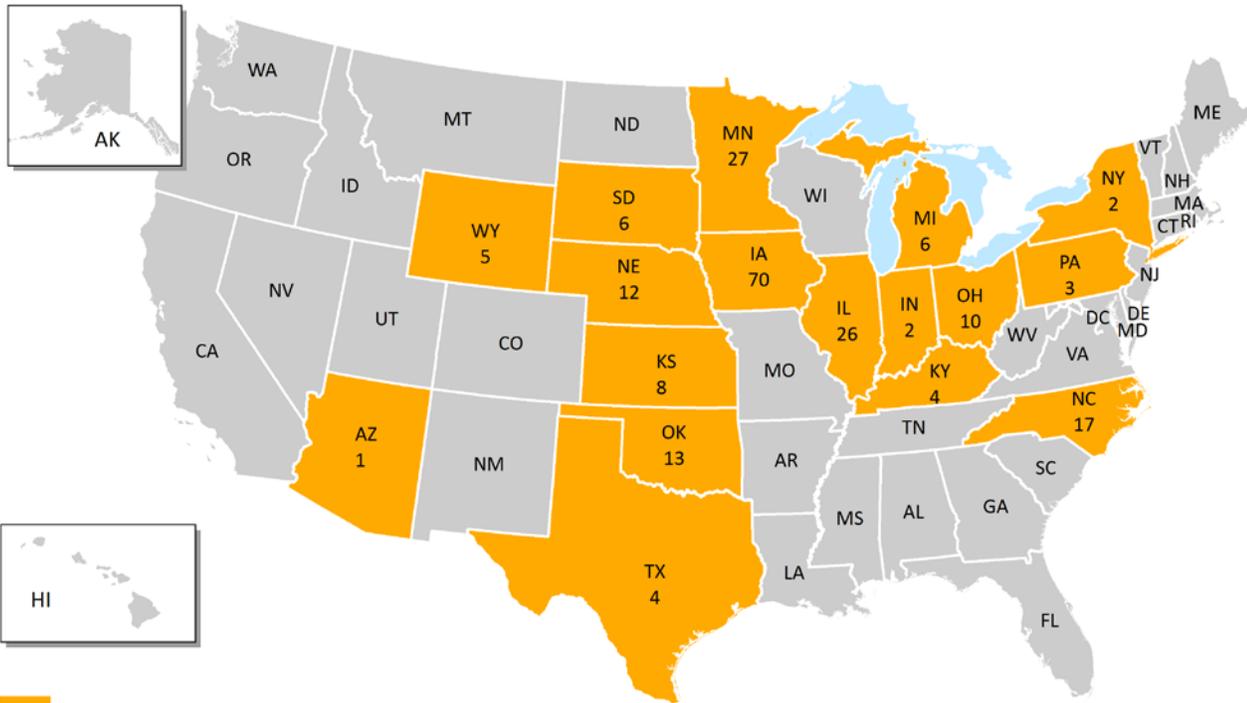
*Note: Three premises in Michigan (one PEDV, two mixed PED+PDCoV) were reported in last week's cumulative statistics as Confirmed Positive; however, upon further investigation these premises did not meet the case definition. These premises were updated to Presumptive Positive status; therefore, this week's report reflects corrected information.

Cumulative Positive Premises by Production Type

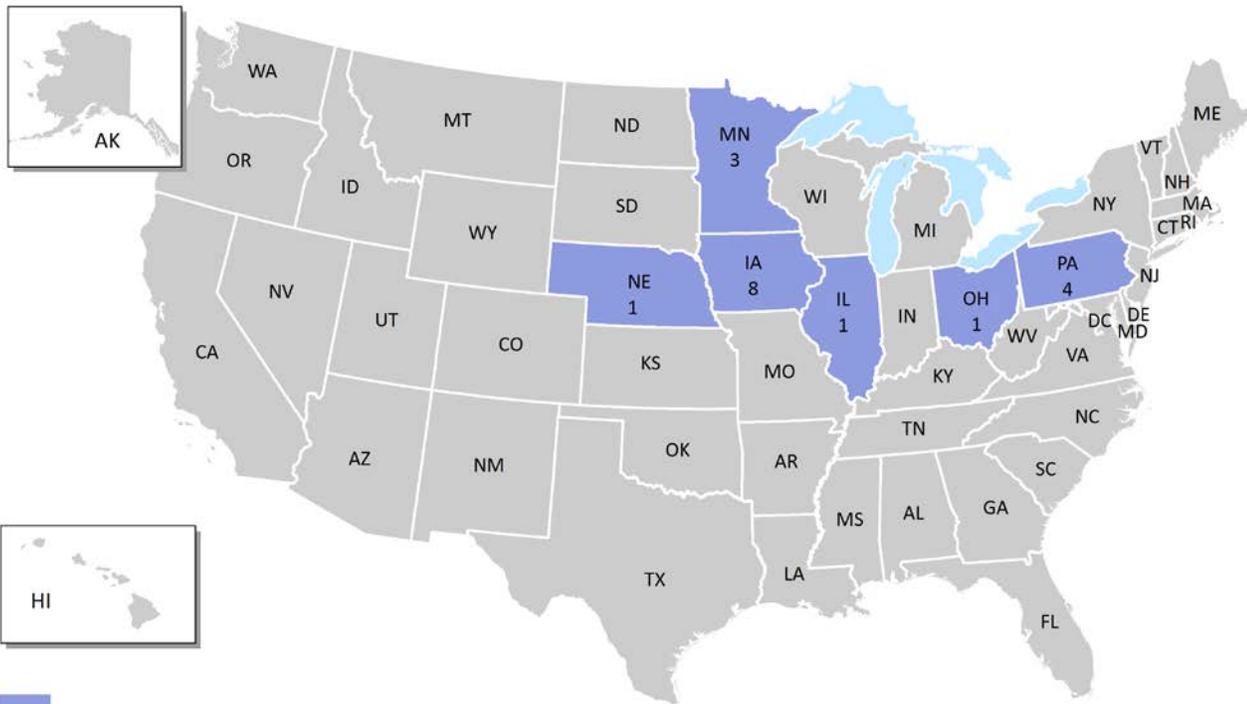


Note: "(blank)" indicates some submitters have not yet provided information on positive premises production type

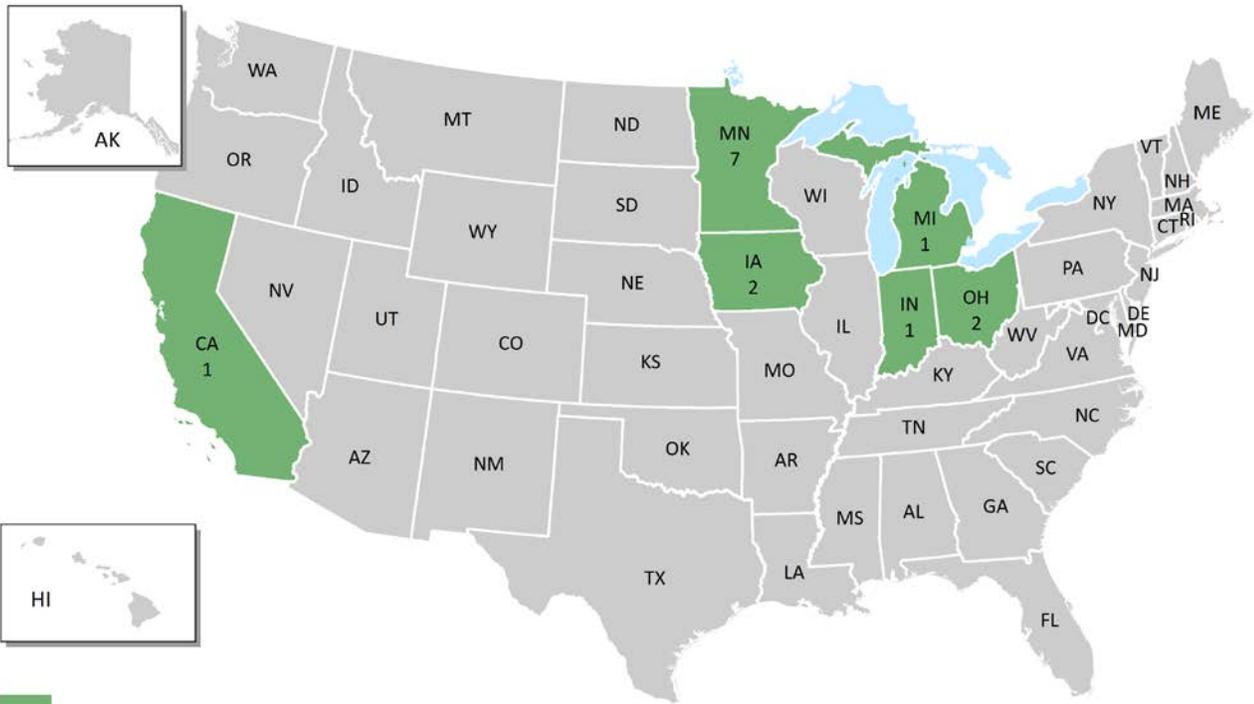
MAPS – Cumulative Statistics



CUMULATIVE STATISTICS: PEDV Positive Premises confirmed (June 5, – September 3, 2014) -By Case Definition



CUMULATIVE STATISTICS: PDCoV Positive Premises confirmed (June 5, – September 3, 2014) -By Case Definition



CUMULATIVE STATISTICS: PEDV and PDCoV mixed Positive Premises confirmed (June 5, – September 3, 2014) -By Case Definition