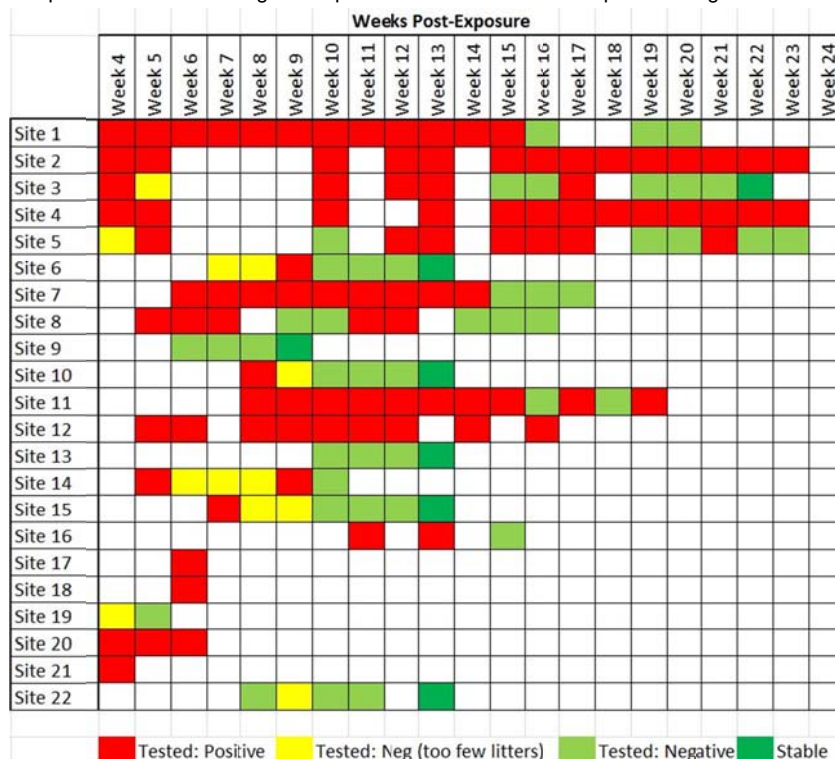


## PEDv Time-to-Stability Study Update

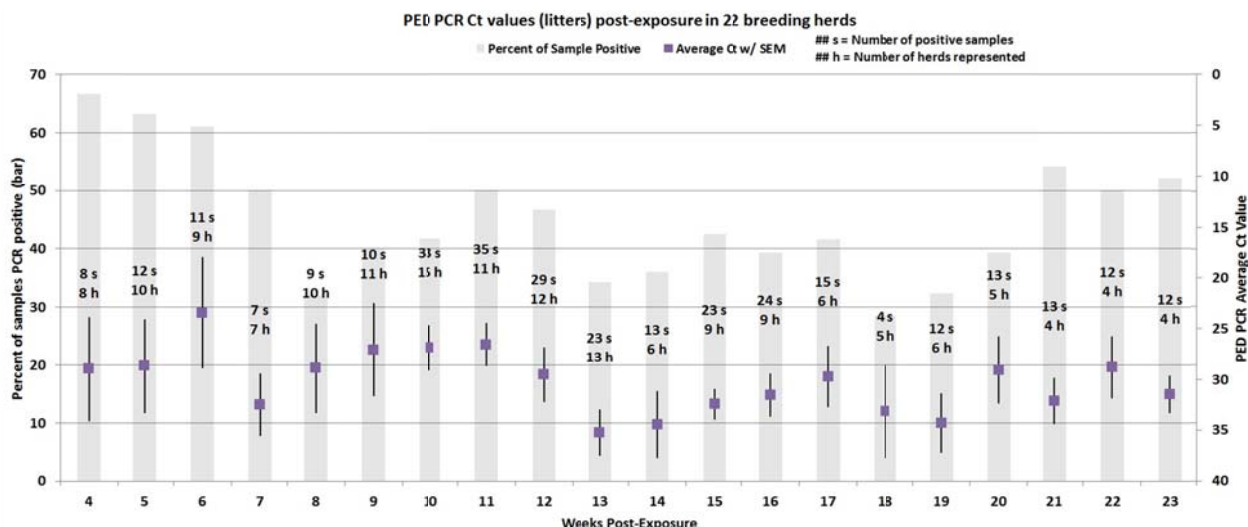
Depicted is an update to our PEDv time-to-stability (TTS) study. There are 26 herds currently enrolled, 22 that are far enough after last purposeful exposure to contribute testing results. As is shown by the darker green squares, there are 7 sites that have achieved stability as defined by 4 consecutive rounds of sampling each representing at least 30 litters. Before week 9 post-last-exposure, litters were not required to be sampled. Instead, environmental sampling at each of 6 locations including young piglet mats, weaned piglet mats, load out chutes, farrowing hallways, door knobs, and boot areas were usually requested from weeks 4-9 post-last-exposure in order to gauge environmental hygiene. Since some of the environmental sampling represents 1-2 litters (not enough to provide us with confidence of detection desired for low shedding prevalence), we have included that data in the tracking chart [right] as yellow squares rather than the green squares which denote an adequate testing of at least 30 litters.



Please note also the bottom chart representing our aggregate litter samples. Many of the later weeks over-represent herds having trouble achieving stability which may skew the results towards lower Ct values.

We are gathering data to answer important questions about exposure method, herd management, and hygiene. A total of 40 herds is needed to analyze these factors.

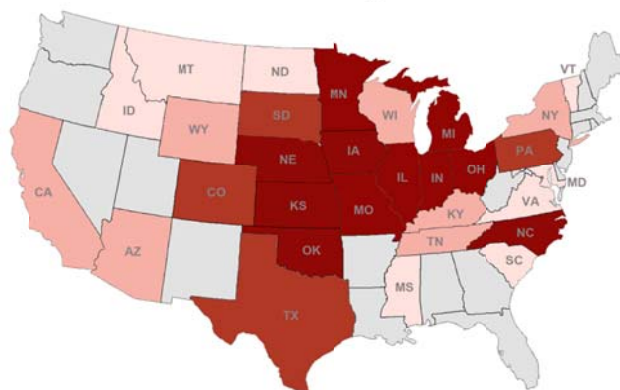
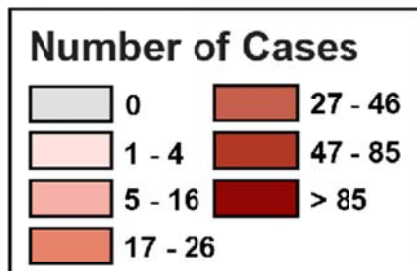
**We encourage all recently infected breeding herds to join immediately after infection (within 4-6 weeks). We need 14 more participating herds to achieve our goal of 40 and complete analysis.**



## Porcine Epidemic Diarrhea Virus Reporting

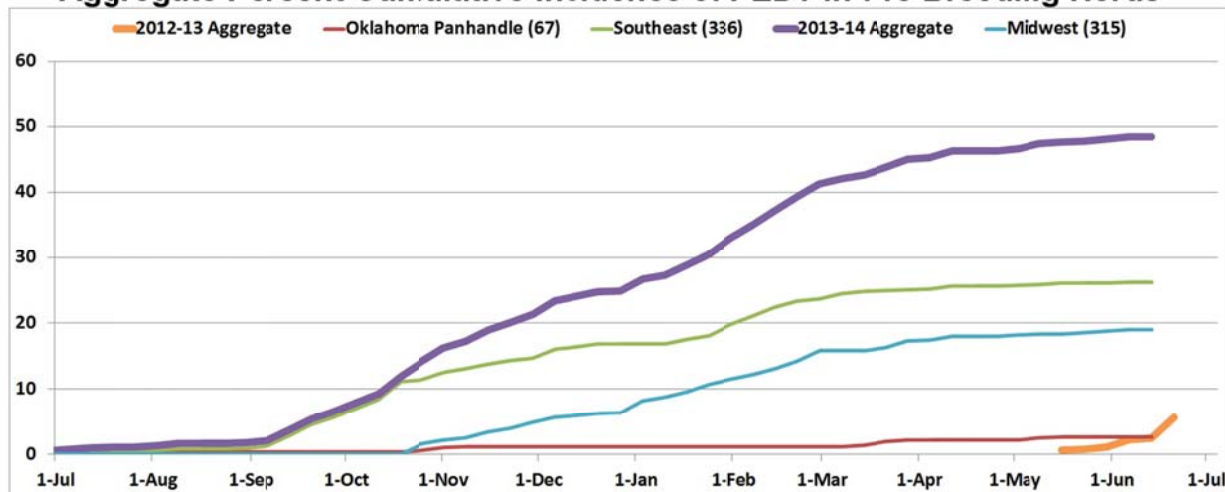
Collated by APHIS, VS, NVSL, National Animal Health Laboratory Network & Univ of MN VDL. Reporting Laboratories include: ISU, KSU, OH Department of Agriculture ADDL, SDSU, Univ of MN, Univ. of GA, NE VDC, Purdue, MSU. Data through 5/17/2014

### Updated Number of Positive Lab Accessions by State

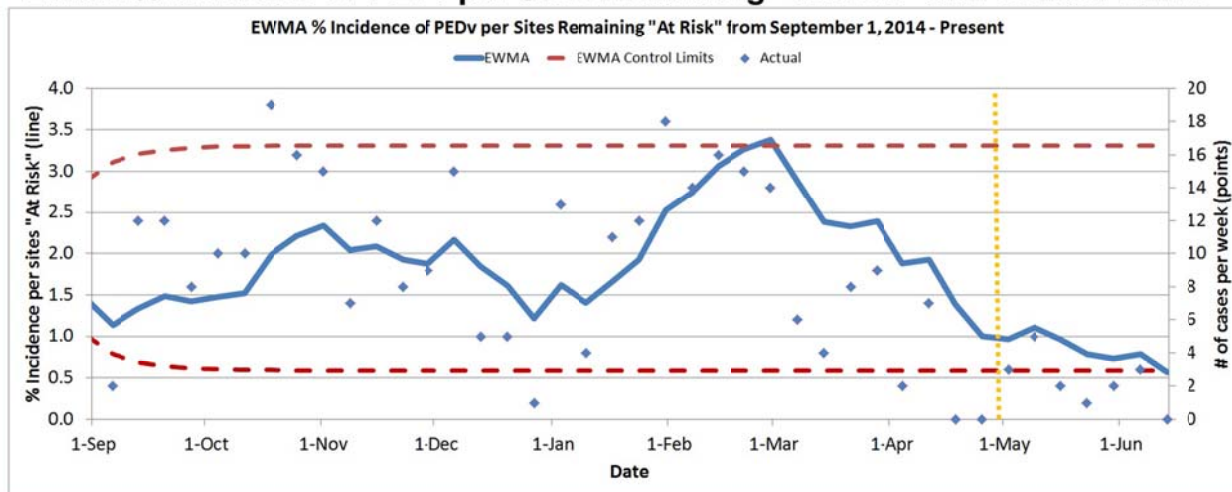


STATE	IA	OK	MN	IN	CO	KS	OH	NY	WI	MD	CA	SC	MT	ND	VT
CASES	2002	388	1123	367	83	260	313	5	15	1	11	2	1	1	1
CASES	PA	MI	KY	IL	MO	SD	NC	TX	TN	NE	WY	ID	AZ	MS	VA
	86	165	16	696	183	80	629	79	13	119	9	4	5	1	1

### Aggregate Percent Cumulative Incidence of PEDv in 718 Breeding Herds



### EWMA % Incidence of PEDv per Sites Remaining "at Risk" with Control Limits



*Editor's note - Our total is now up to 718 sow farms accounting for approximately 2.5 million sows. The vets from the 16 participating systems report only new infections out of a known number of sow herds at risk and therefore, we can report % incidence.*