

**Improving Swine Production and  
Profitability  
via Regional Control of the PRRS  
Virus**

PA Soybean Board R2012-02 Final Report

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# Progress

- Started with 368 sites in the database all with unknown PRRS status
- Currently we have 497 sites with 30 sites of unknown PRRS status
- We have established a PRRS Taskforce that meets every other month
- We have a web portal for information sharing and an interactive map accessible to program participants
- We have done outreach events at tradeshow and meetings to engage small producers

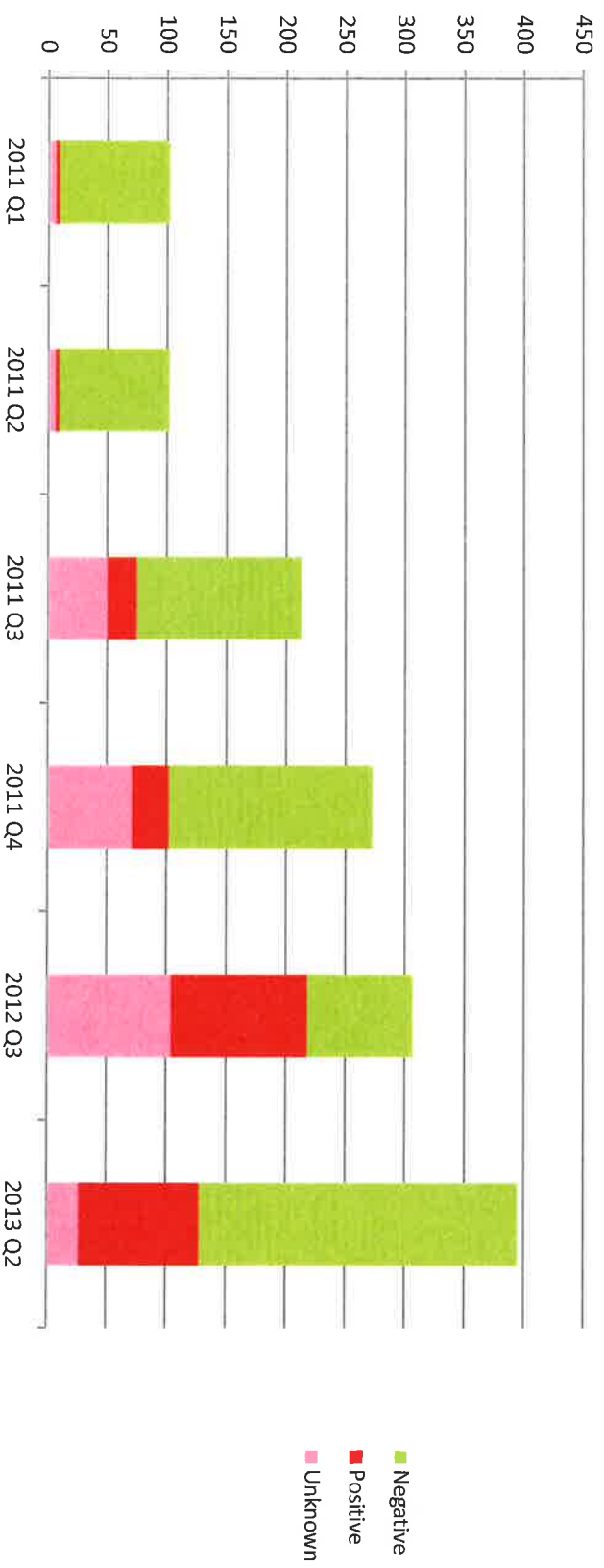
# Sow Farm Progress

Sow herd status

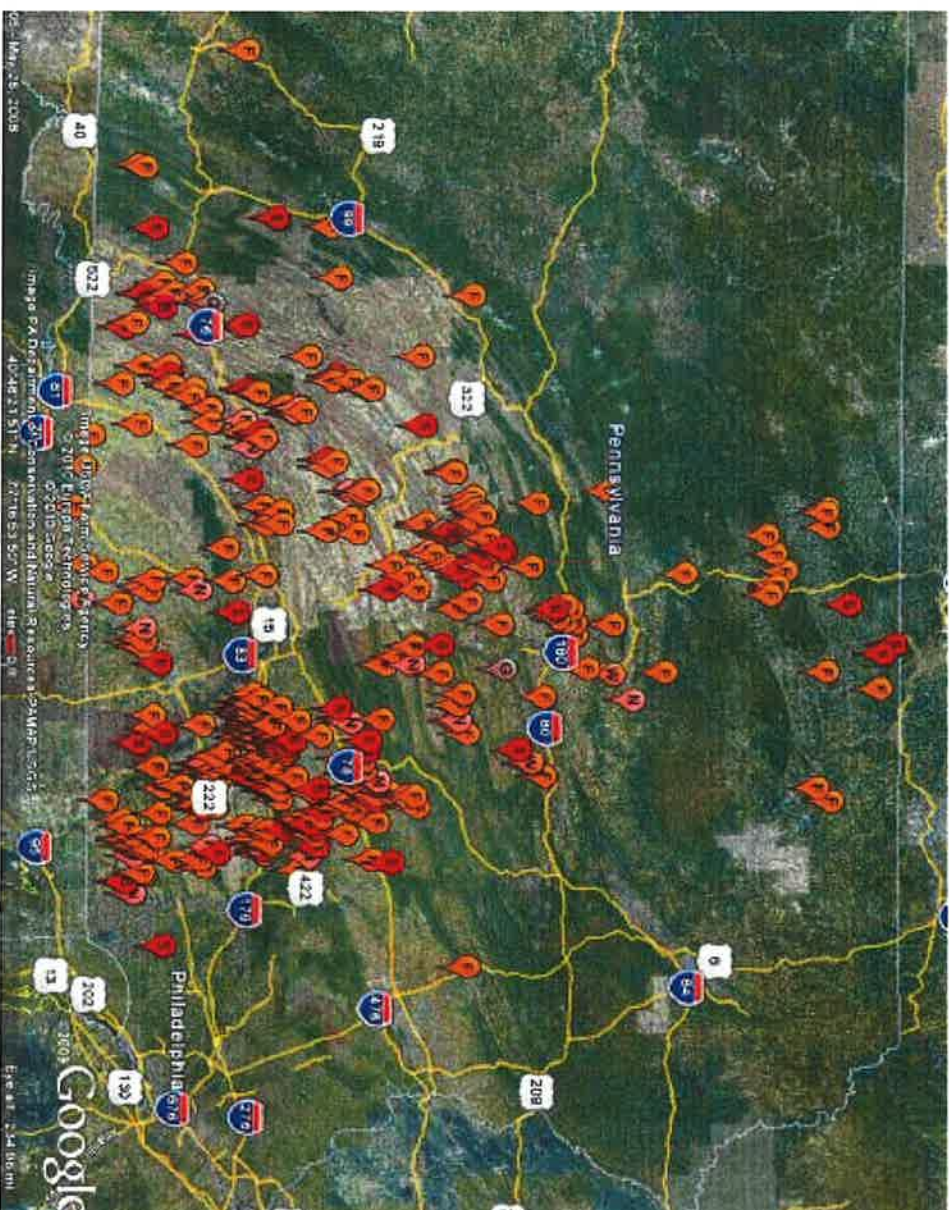


# Growing Pigs Progress

Status of sites with growing pigs



# Original map

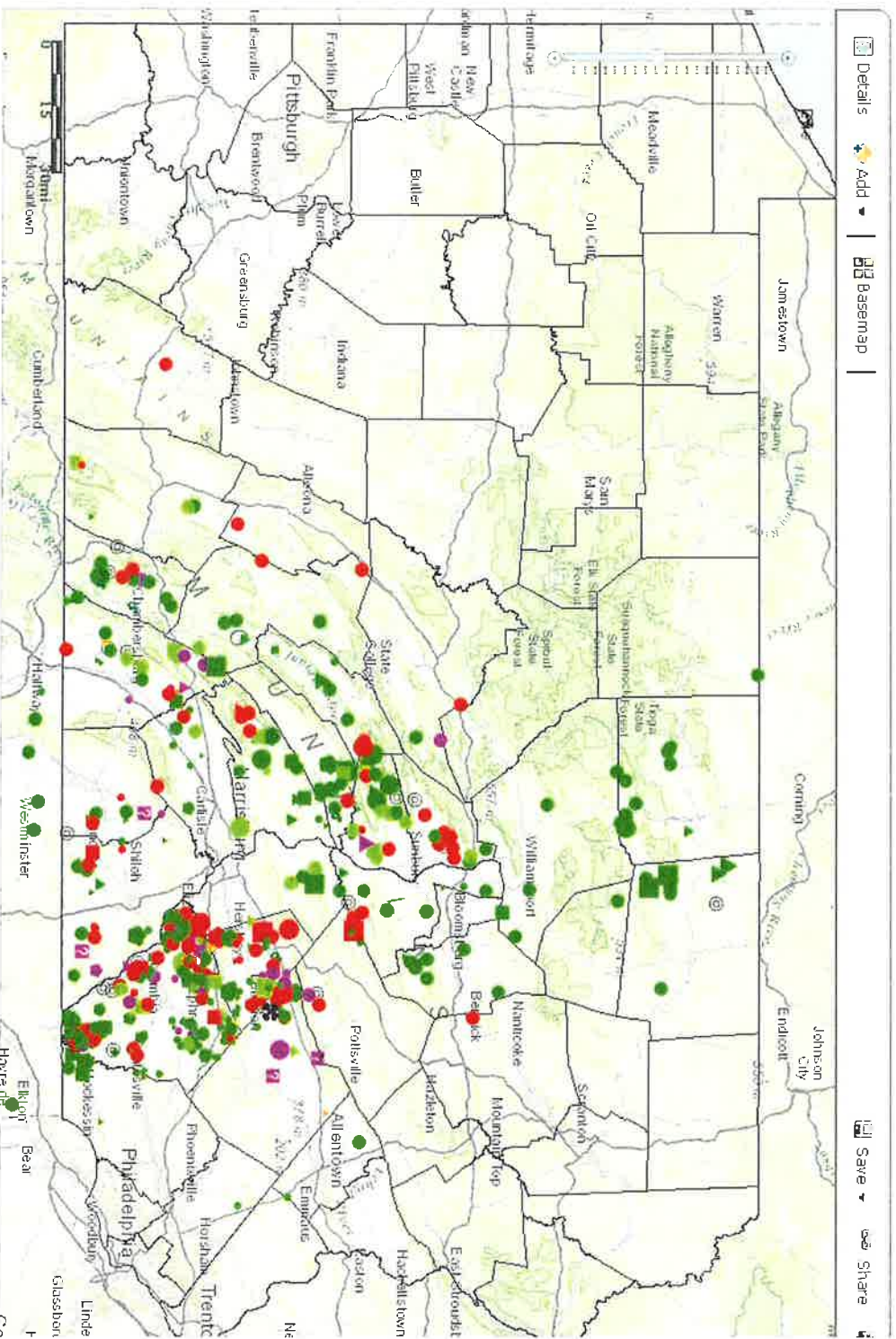




# Current Map

ArcGIS - University of Minnesota - PA PRRS Tracking & Reporting

ArcGIS University of Minnesota - PA PRRS Tracking & Reporting



# What did we learn

- Database updates are critical and must happen at least quarterly. With our biggest system we update the database monthly.
- Establishing a system, via website and fax machine, to disseminate information allows all stake holders to receive information in a timely manner
- Meeting every other month has created engaged producers who contribute good ideas, recruit others and share information
- Transparency, through agreeing to share all location information, has reduced misunderstandings and built trust
- Producers that do not use the internet can still be brought into the group by using the fax machine and mail

# What are plans for the future?

- We plan to continue seek funding from the Pennsylvania Pork Producers council and the PA Soybean board
- If funded we have several goals
  - Establish a PRRS sequence database accessible to those that sign confidentiality agreements
  - Work to get more small producers to participate in the program
  - Work to achieve the individual goals for each of the PRRS control regions



# Publications & National Presentations

- **Martell, A., Pierdon, M.K., T.D. Parsons**, Oral Fluids Collection in Loose Housed Gestating Sows Amer Assc of Swine Vet (2013)
- **Parsons, T.D.** Area Control of PRRS in Pennsylvania: Delineating optimal strategies for different geographic regions. World Pork Expo Satellite Meeting on Area Control of PRRS – Des Moines, IA (2012)