

County Regulation of Confined Feeding Operations in Indiana: 2017 Progress Report

MARCH 2017

BACKGROUND:

- The majority of Indiana counties (81 of 92) have adopted planning and zoning and 64 Indiana counties currently operate under zoning ordinances that contain regulations or standards specifically for confined feeding operations (CFO).
- We are currently using the data collected from our previous research on Indiana county zoning ordinances as they relate to CFOs in attempt to identify CFO standards or provisions that are effective at reducing conflict between CFOs and other land uses.

WHAT WE DID:

- We characterized publically available data regarding enforcements (Indiana Department of Environmental Management) and violations (Office of the Indiana State Chemist) related to CFOs in Indiana as well as the level of discourse in Indiana counties regarding CFOs.
- We cross-referenced those data with characteristics of different provisions and standards for CFOs found in Indiana zoning ordinances to identify correlations.

OUR MARCH 2017 REPORT:

- The March 2017 report explains our procedures and provides data and results (e.g., Table 1) regarding:
 - IDEM enforcements to CFOs over a five-year period;
 - OISC violations related to manure over a three-year period; and
 - Any correlations (positive or negative) we identified between these measurements and different standards for CFOs found in Indiana zoning ordinances.

Table 1. Correlations Identified at Time of Report

<i>Independent Variable</i>	<i>Dependent Variable</i>	<i>Relationship</i>
Number of permitted farms	• Average IDEM enforcements/OISC violations per permitted farm in the county	Negative
	• OISC investigations resulting from anonymous/residential complaints per permitted farm in the county	Negative
CFO Ordinance	• OISC investigations resulting from anonymous/ residential complaints per permitted farm in the county	Negative
Number of Buffer Categories	• OISC investigations resulting from anonymous/residential complaints per permitted farm in the county	Negative
Residential Use Setback Beyond IDEM Requirement	• OISC investigations resulting from anonymous/ residential complaints per permitted farm in the county	Negative
Approval Process	• OISC Violations per permitted farm in the county	Negative
Difficulty of CFO Siting	• "Tone" of Discourse	Positive

For more info, please contact:

Paul Ebner, pebner@purdue.edu, 765-494-4820
 Yingying Hong, hong115@purdue.edu, 765-494-6799
 Tamara Ogle, togle@purdue.edu, 317-523-8804