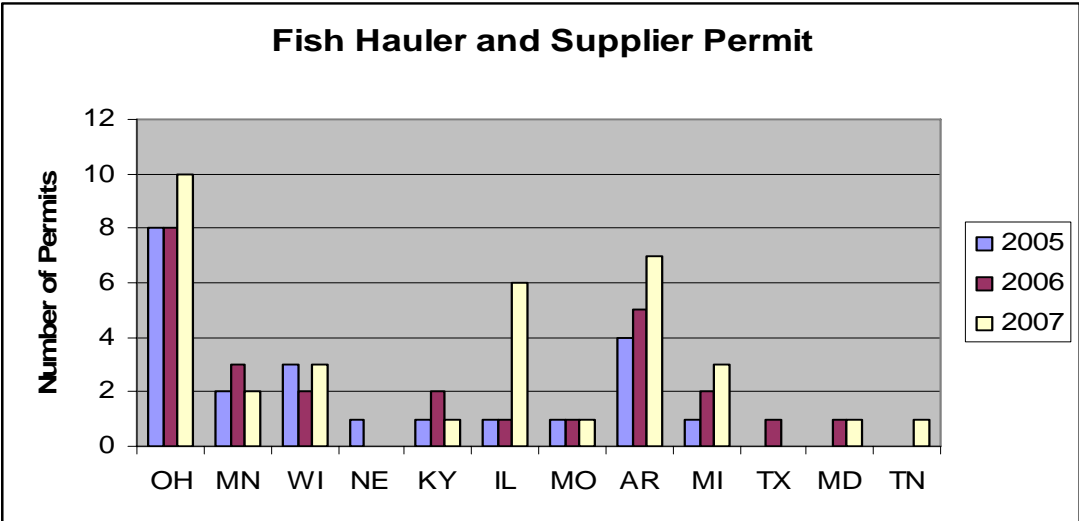
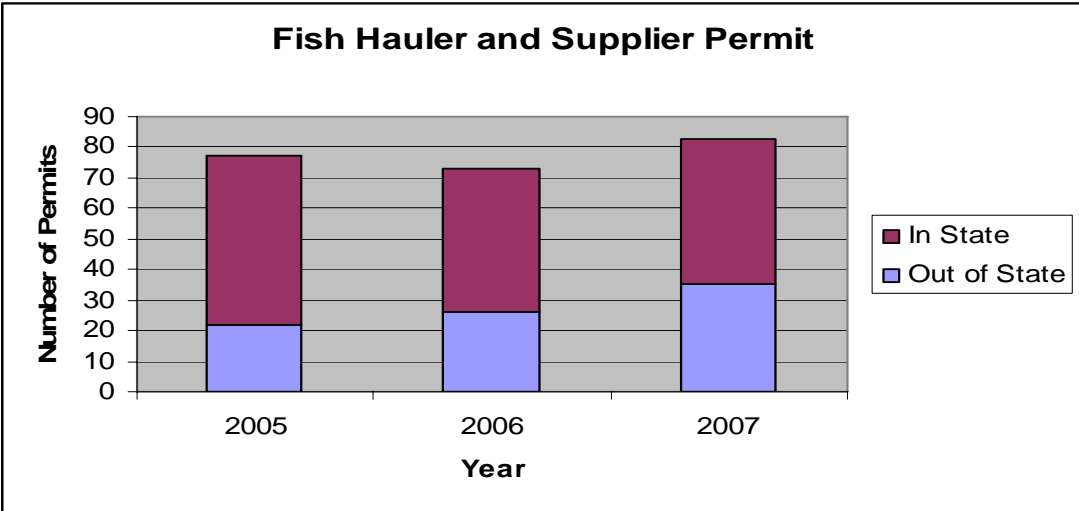
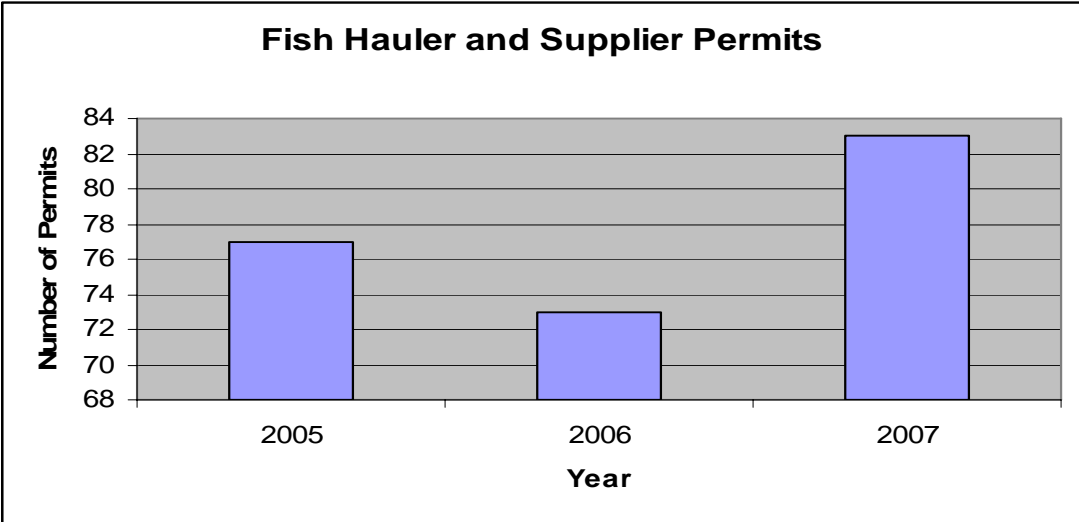


**INDIANA DNR VHS UPDATE  
2008 MIDWEST F&W CONFERENCE**



## 2007 VHS Sampling Indiana DNR

Hatchery fish sampled = 2248

Wild fish sampled =  $\frac{370}{2618}$

### 22 species or strains tested

**13 Hatchery species:** coho salmon, chinook salmon, steelhead trout (2), rainbow trout, muskellunge, walleye, striped bass, hybrid striped bass, channel catfish, bluegill, redear sunfish, largemouth bass

**13 Wild species:** coho salmon, chinook salmon, steelhead trout, lake whitefish, round goby, spottail shiner, shovelnose sturgeon, largemouth bass, alewife, yellow perch, white sucker, gizzard shad, lake trout

### Sampling locations

All 8 state fish hatcheries  
3 wild broodstock populations used by Indiana DNR  
Lake Michigan  
Trail Creek, Lake Michigan tributary  
St. Joseph River, Lake Michigan tributary  
Wabash River  
Dogwood Lake (Daviess County, SW Indiana)  
Brookville Reservoir (Franklin County, SE Indiana)  
Webster Lake

## Indiana Regulatory Changes for VHS

- Indiana DNR and State Board of Animal Health (BOAH) share authority for VHS management and regulation
- BOAH has authority for the health of all animals in Indiana except humans, focus on livestock
- DNR has authority for protection and use of wild animals (fish)

Compliance with the federal order occurred by procedure and policy changes in Indiana. Existing authorities within BOAH and DNR allowed for the following changes:

1. A new permit (Aquaculture Pre-Entry Permit) was developed to review and approve requests for fish importations from Great Lakes states. This permit process, and the procedures used for approval of an application, resemble importation protocols already established for other captive livestock. Conditions of the federal order are met with this procedure.
2. Limitations for the use an Approved Aquaculture Pre-Entry Permit are:
  - Specific to a single facility, an owner is identified
  - Time limits on how long the importation is allowed
  - Specific to species and certain lots of fish
  - Declare destination of fish
  - VHS free certification required for susceptible species
  - Reporting requirements to document all importations that were not declared when the Pre-Entry Permit was approved (i.e. multiple shipments from an approved VHS free certified source)
3. Conditions or restrictions were placed on existing aquaculture permits to compliment requirements in the Pre-Entry Permit and for consistency with the federal order.
4. No new administrative rule or statutory changes were needed to implement the federal order in Indiana.

## Aquaculture Pre-entry Permit Summary

### 28 Pre-Entry Permits issued in 2007

MI	8
IL	7
WI	3
OH	2
MN	1

Two inspections performed in Indiana to export fish compared to 28 Pre-Entry Permits to import fish. Indiana's aquaculture industry imports more fish than exports. Does not appear VHS inspection and certification requirements have slowed importations or negatively affected the aquaculture industry. More aquaculture permits issued in Indiana in 2007 than any previous year. Most of the increased was from out of state producers in the Great Lakes.

## Indiana Outreach

Indiana is using the Protect Your Waters information and coordinated efforts through the Great Lakes Panel on Aquatic Nuisance Species to establish and maintain a steady campaign against invasive species. We're using this unified effort for consistency and continuity for long term public information.

- Installed new aquatic hitchhiker signs at all Division of Fish and Wildlife ((DFW) sites (approximately 350 sites) and most ramps on Army Corps of Engineer reservoirs in Indiana
- Made presentations to a wide range of groups including fishing clubs, the 2008 bass fishing tournament draw, FWCC (Fish and Wildlife Conservation Committee – approximately 16 sportsmen groups that service as an advisory group to DFW), Feb. 2007 Indiana Aquaculture Association meeting, many of these groups have spin off presentations of articles in their respective newsletters
- VHS will be highlighted in the 2008 Fishing Guide with aquatic hitchhiking action items
- Approximately 300,000 plus visitors visit the fish display at Indiana's State Fair each year. In 2007 we created an interactive tank display with a handout that compared what two populations might look like, one with and one without VHS.
- BOAH sponsored a clinic for aquaculture and veterinarians regarding VHS and fish disease inspection procedures.
- Several articles have been written for publication in a wide range of print media