

# State Research Data State Provided and TRID Results

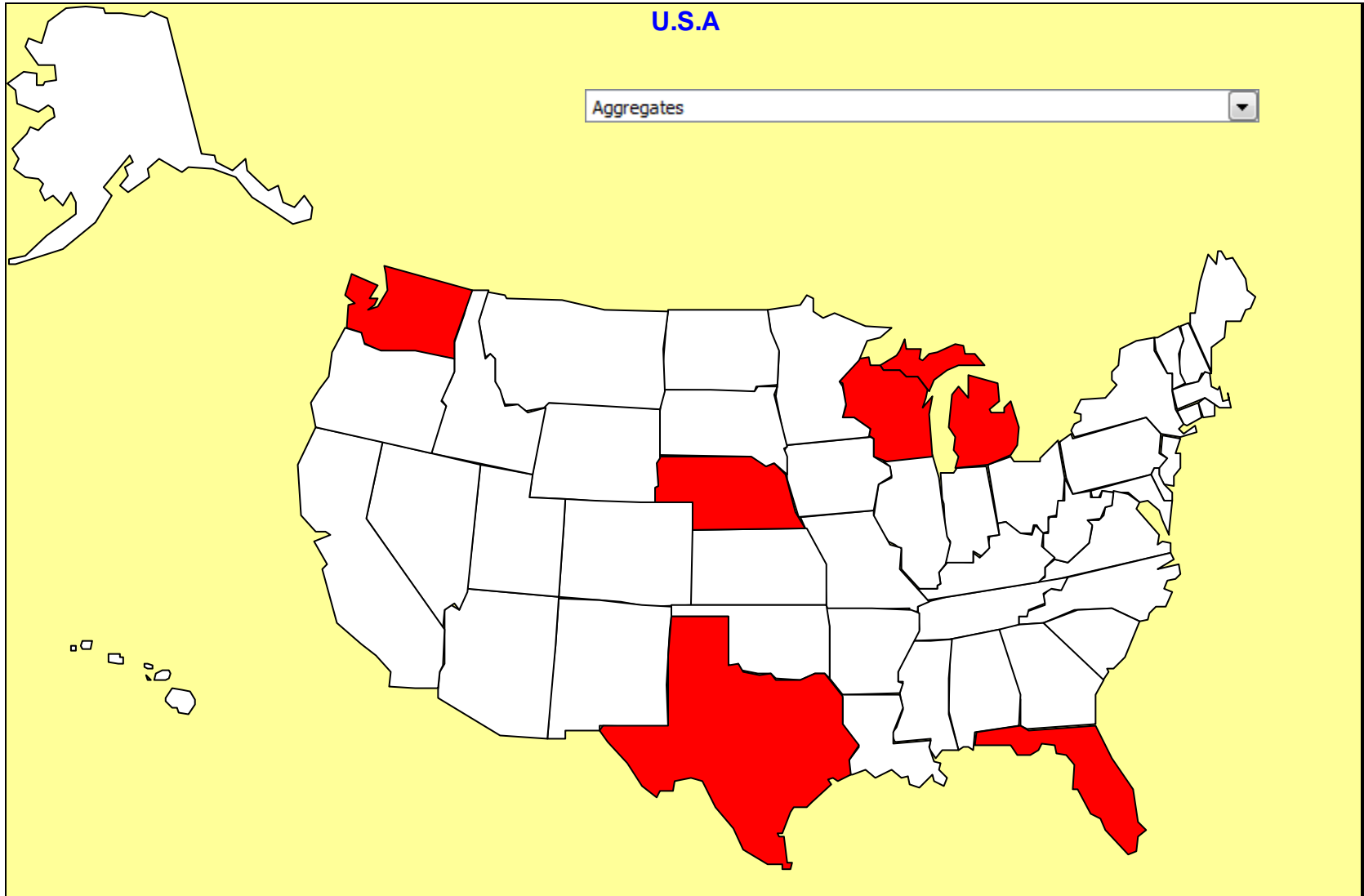
Spring 2014 NCC Meeting  
Jacksonville, FL

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Senior Concrete Research Engineer  
Louisiana Transportation Research Center

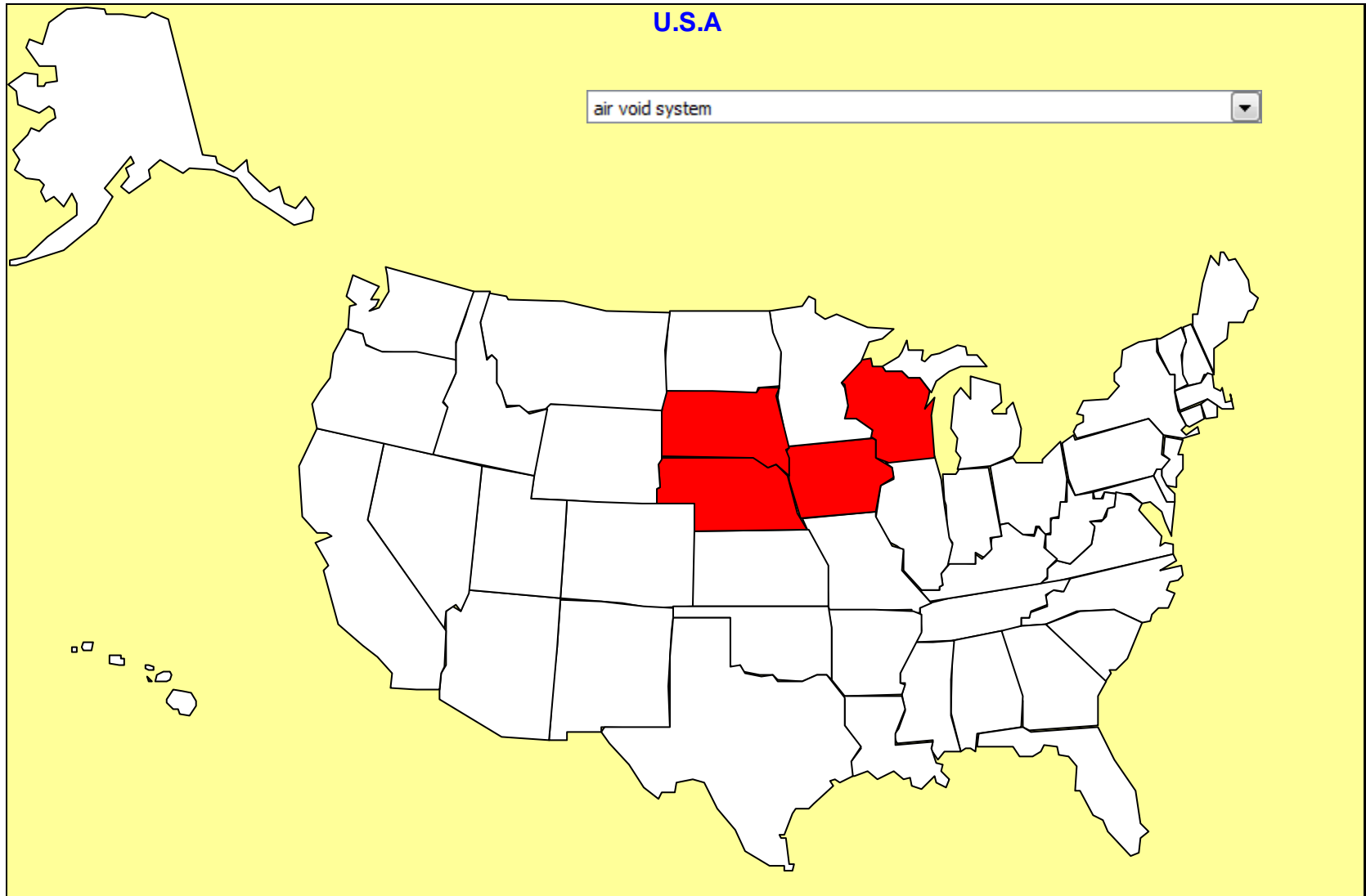
# Research Projects

- 20 states sent in information
- Over 300 research projects
- Over **700 DIFFERENT** keywords
- Developed a database and sorted accordingly with an excel macro
  - Thanks to Patrick Icenogle

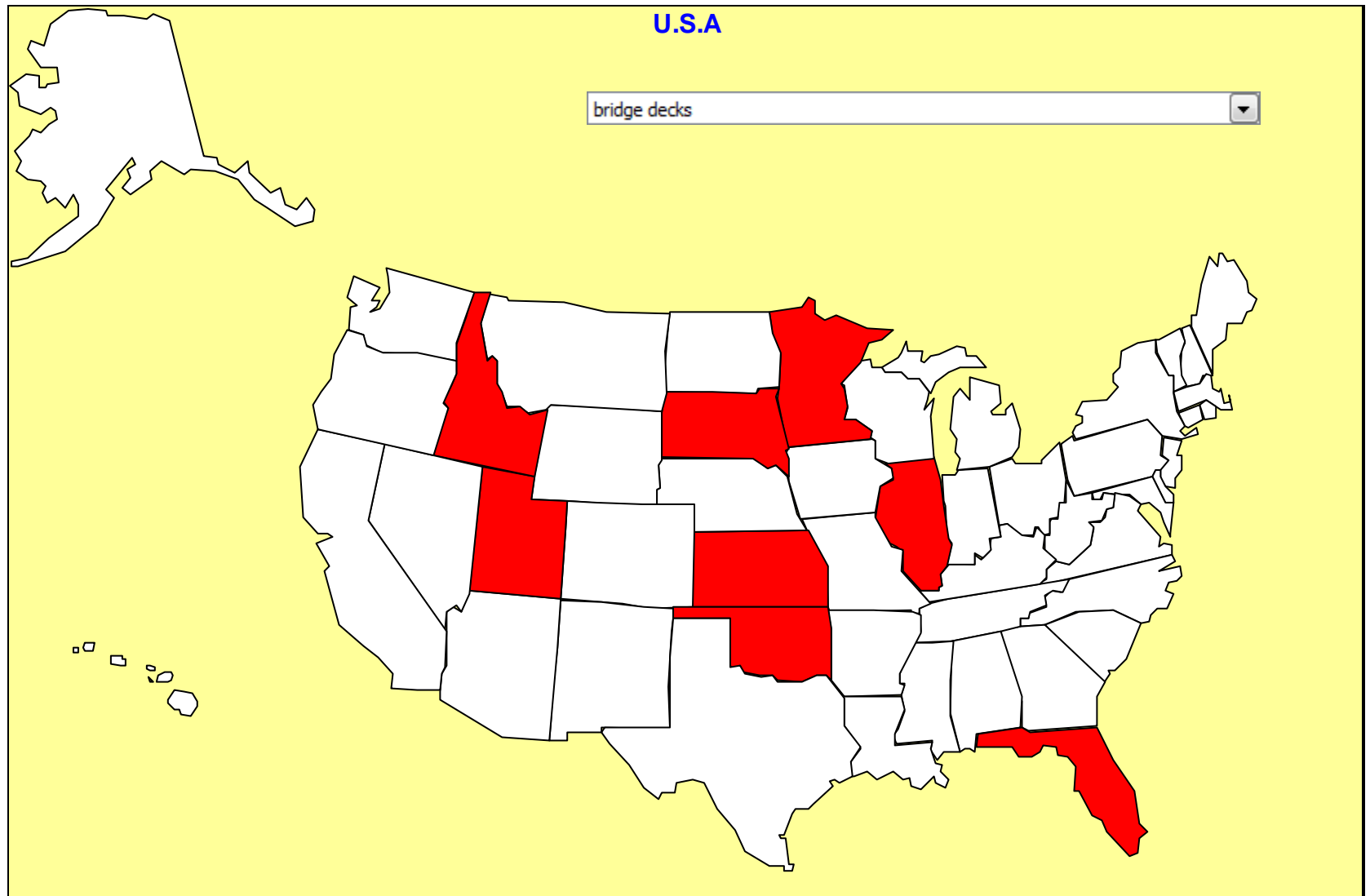
# Aggregates



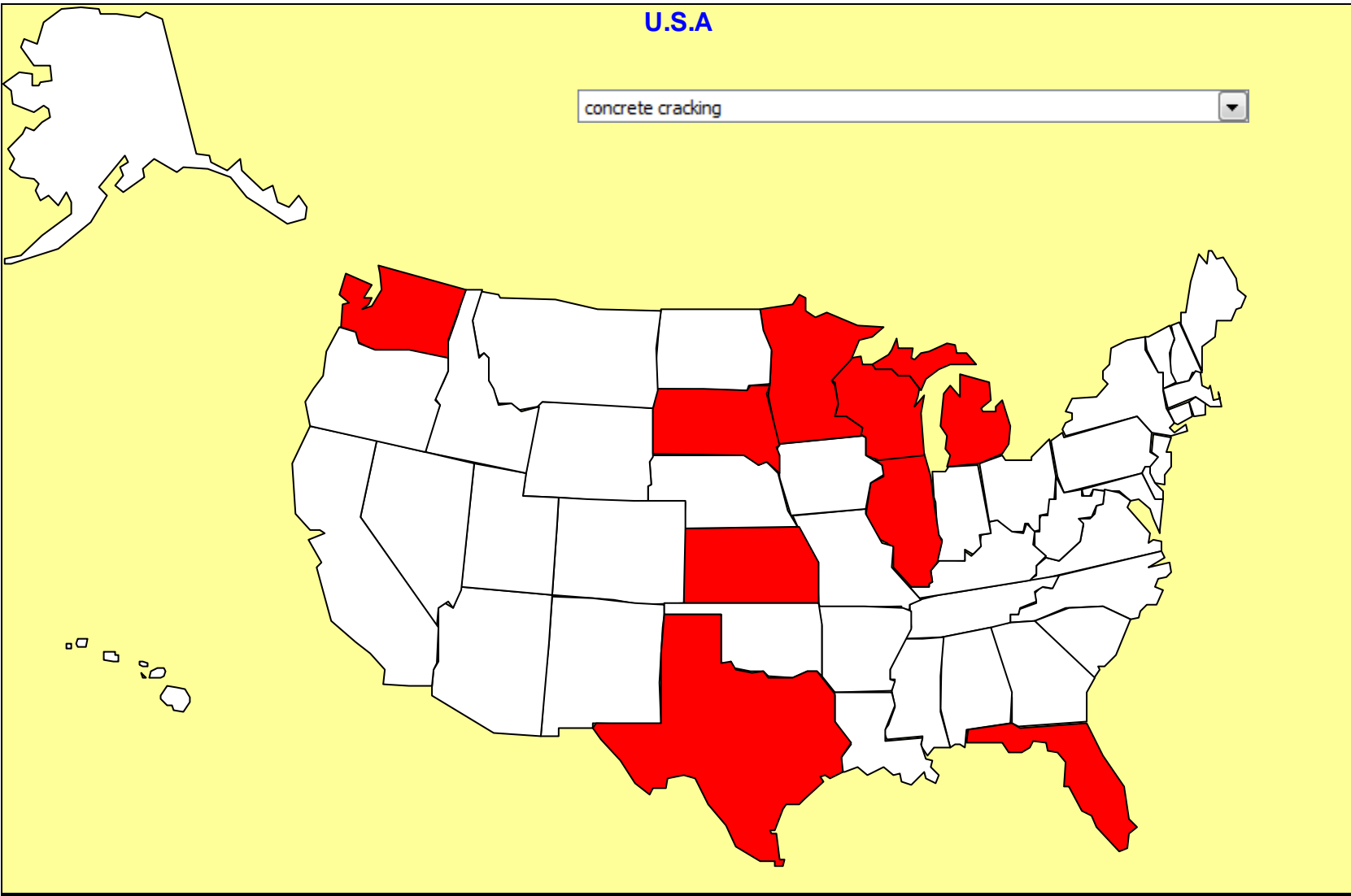
# Air Void System



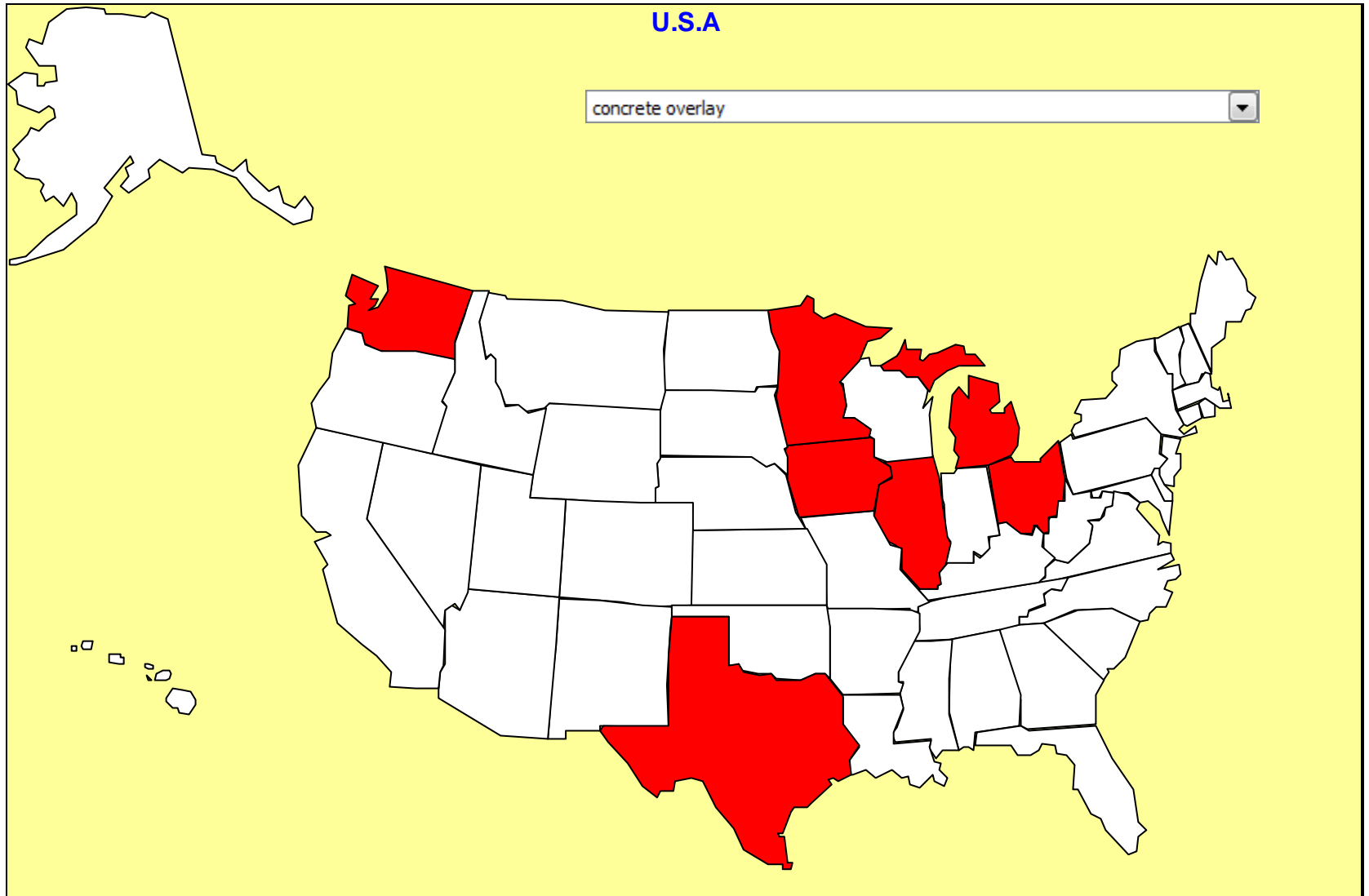
# Bridge Decks



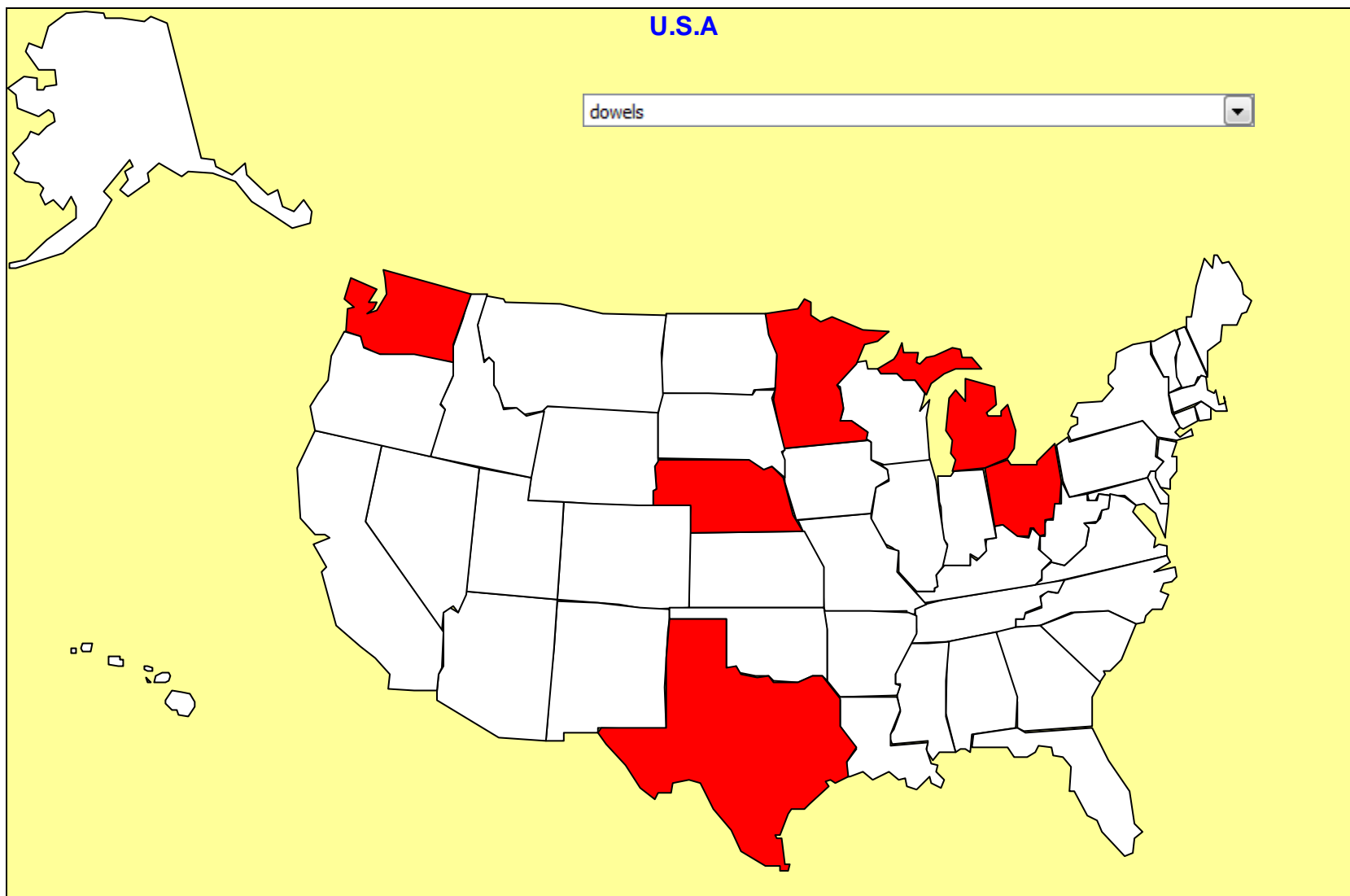
# Concrete Cracking



# Concrete Overlay

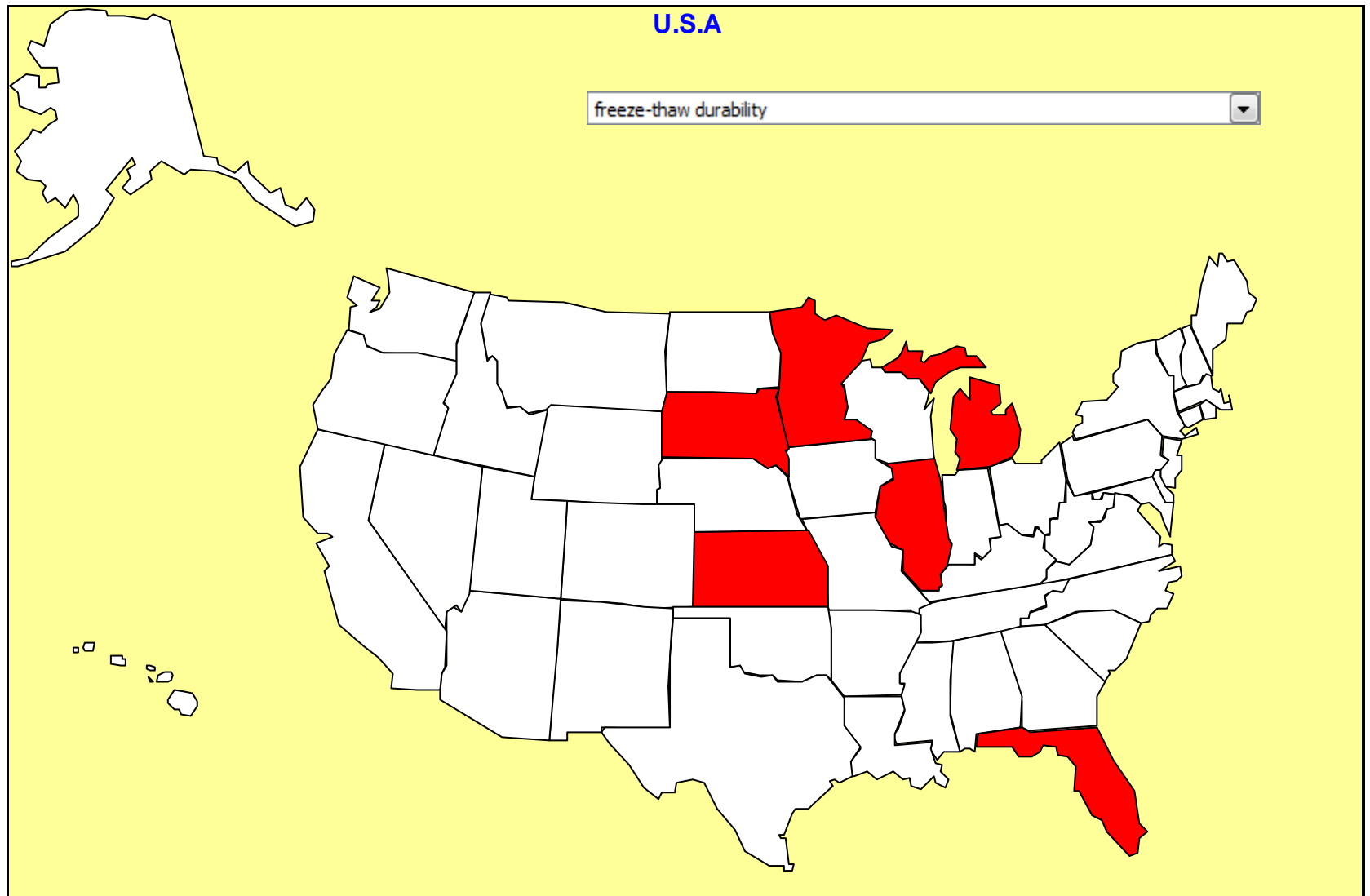


# Dowels

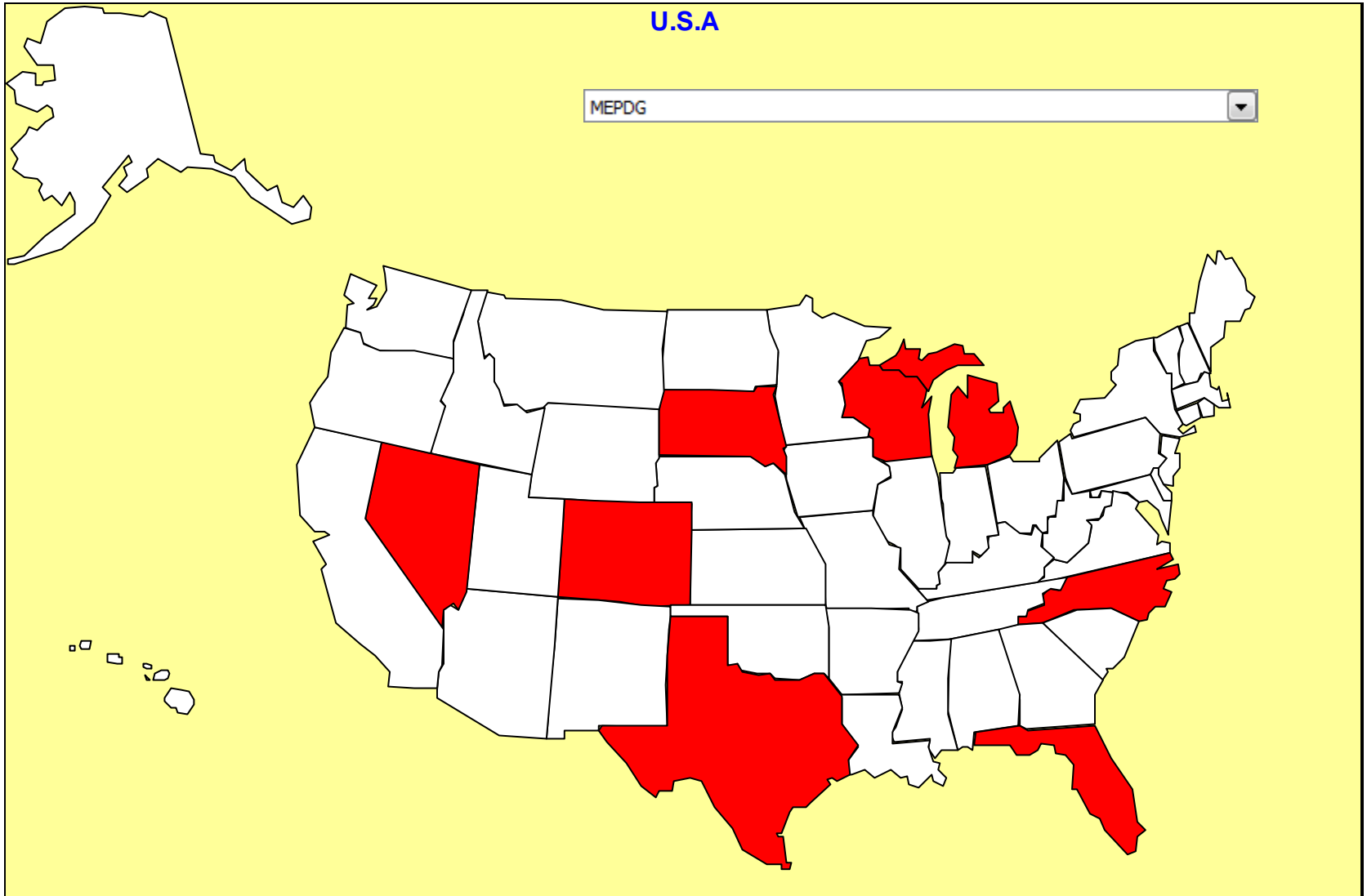




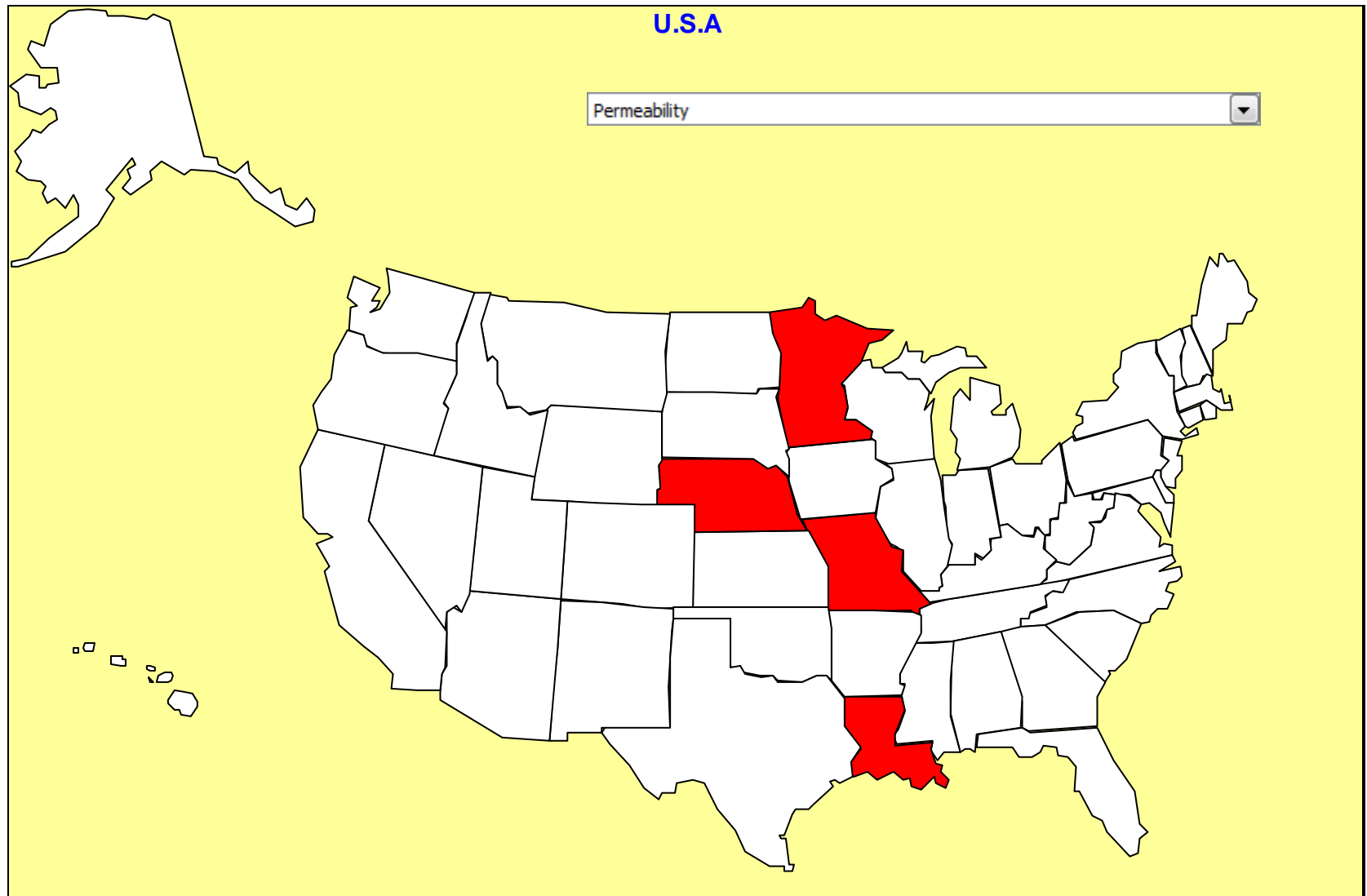
# F-T Durability



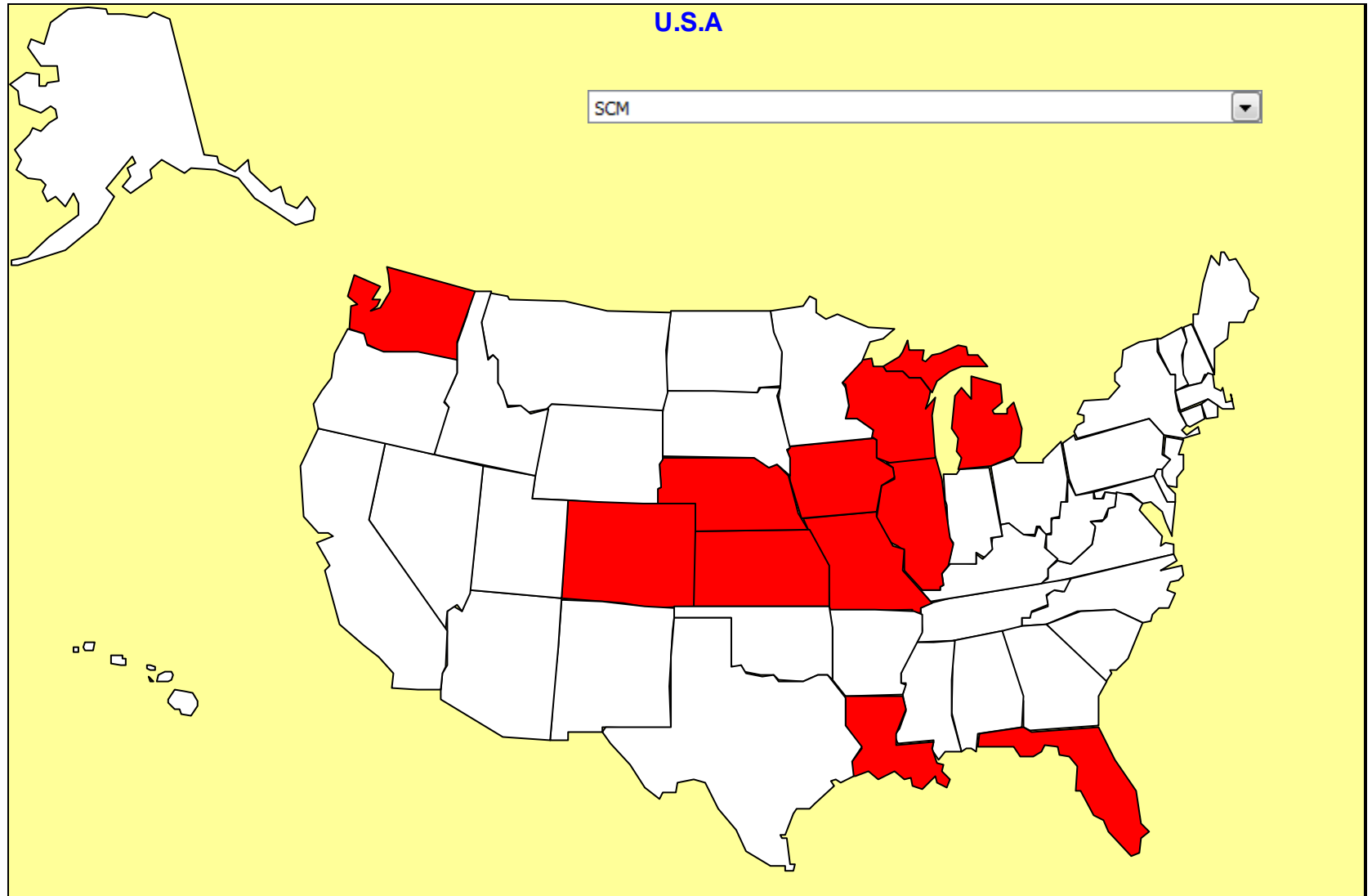
# MEPDG



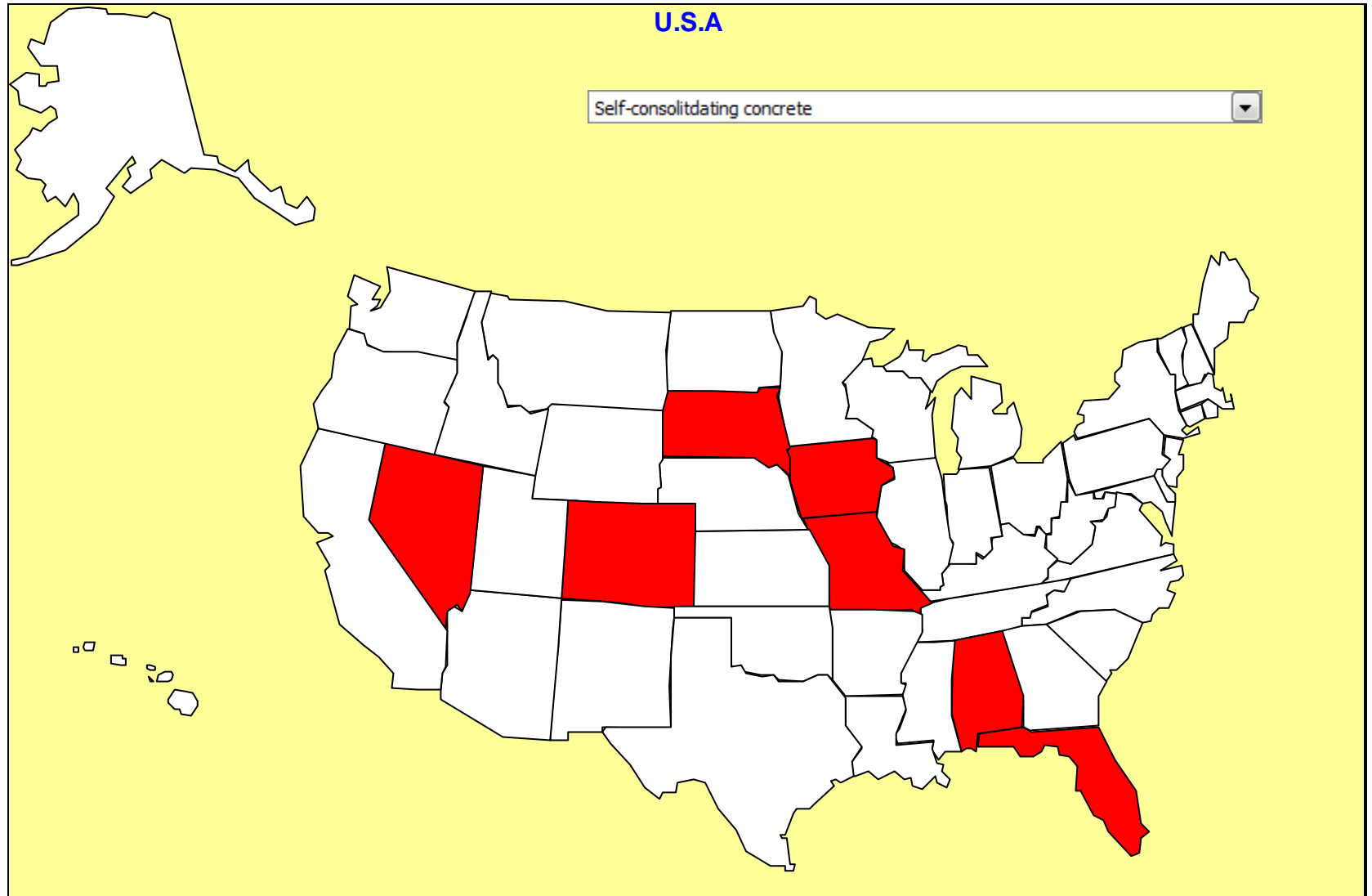
# Permeability



# Supplementary Cementitious Materials



# SCC



# State Research Conclusions

- 150 keywords still a lot
- Research is scattered among states with a fair amount of duplication efforts
- Research is localized as expected with certain parameters such as F-T durability, etc.

# Other Databases

- Transportation Research Information Database
- RITA– National Transportation Library
- Science.gov
- TLCat – Transportation Libraries Catalog
- National Technical Information Service Database

# Transportation Research Information Database (TRID)

- Over 1 million citations
- Research in progress
- Research needs statements
- Searchable by index terms, author, year, RIP, and RNS
- <http://trid.trb.org>

## Search

Enter search terms below or click [Advanced Search](#) for more options.

Keywords

In

Exclude research in progress

Limit results to free or fee-based full-text links

Languages  *English*  *German*

*French*  *Spanish*

[Advanced Search](#)



# RITA

- Research and Innovative Technology Administration – National Transportation Library
  - <http://ntlsearch.bts.gov/repository/index.do>

# Science.gov

- Database that holds federal science and technology resources
- Includes nearly all disciplines from agriculture to engineering
- [www.science.gov](http://www.science.gov)

# Transportation Libraries Catalog

- TLCat
- Transportation related books and other materials held in government, university, and other transportation libraries
- Holds a lot of State Research not otherwise publically available
- <http://tlcat.worldcat.org/>

# National Technical Information Service Database

- Contains nearly all government funded documents published since 1990
- <http://www.ntis.gov/search/index.aspx>

# Observations on Other Databases

- TRID is by far the best
  - Gives both RIP and completed reports
  - Customize search very easily
  - Many of the results will come up with PDF links directly to the reports as I am a DOT employee
- TLCat is generally the next best search for harder to find information as it searches university and DOT libraries
- RITA is nice, but nearly all info on RITA is searchable through TRID

# Questions

