



19

TOTAL GROWERS*



67

TOTAL FARMS*



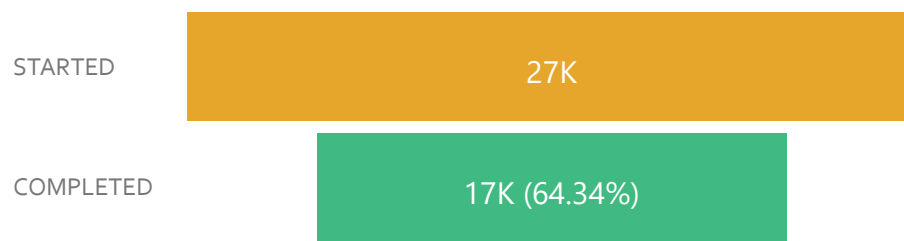
221

TOTAL FIELDS*

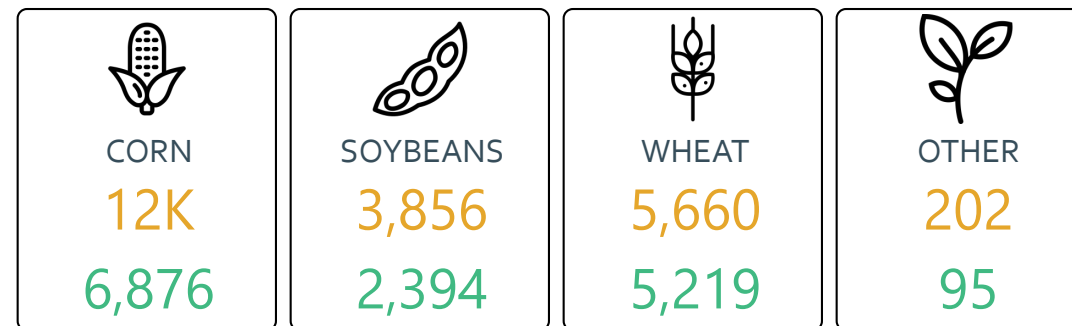
*with current or prior year acres started

CURRENT YEAR 2018

PROGRESS BY ACRES (% COMPLETED)

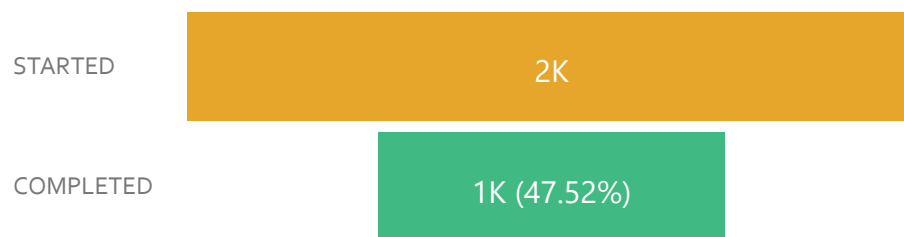


ACRES BY CROP STARTED & COMPLETED

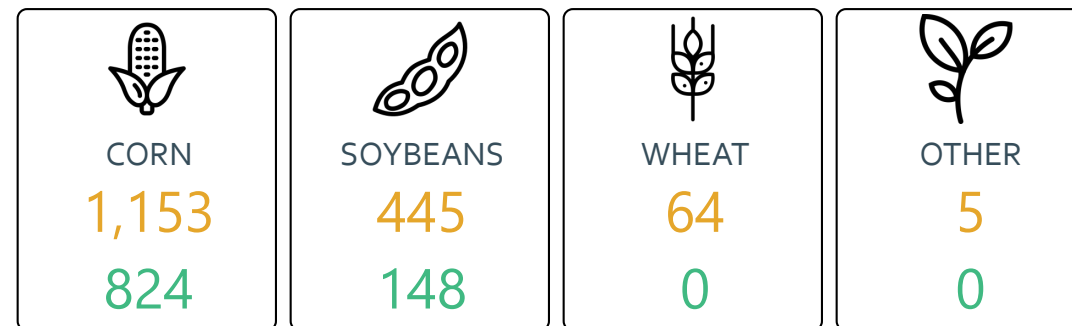


PRIOR YEAR 2017

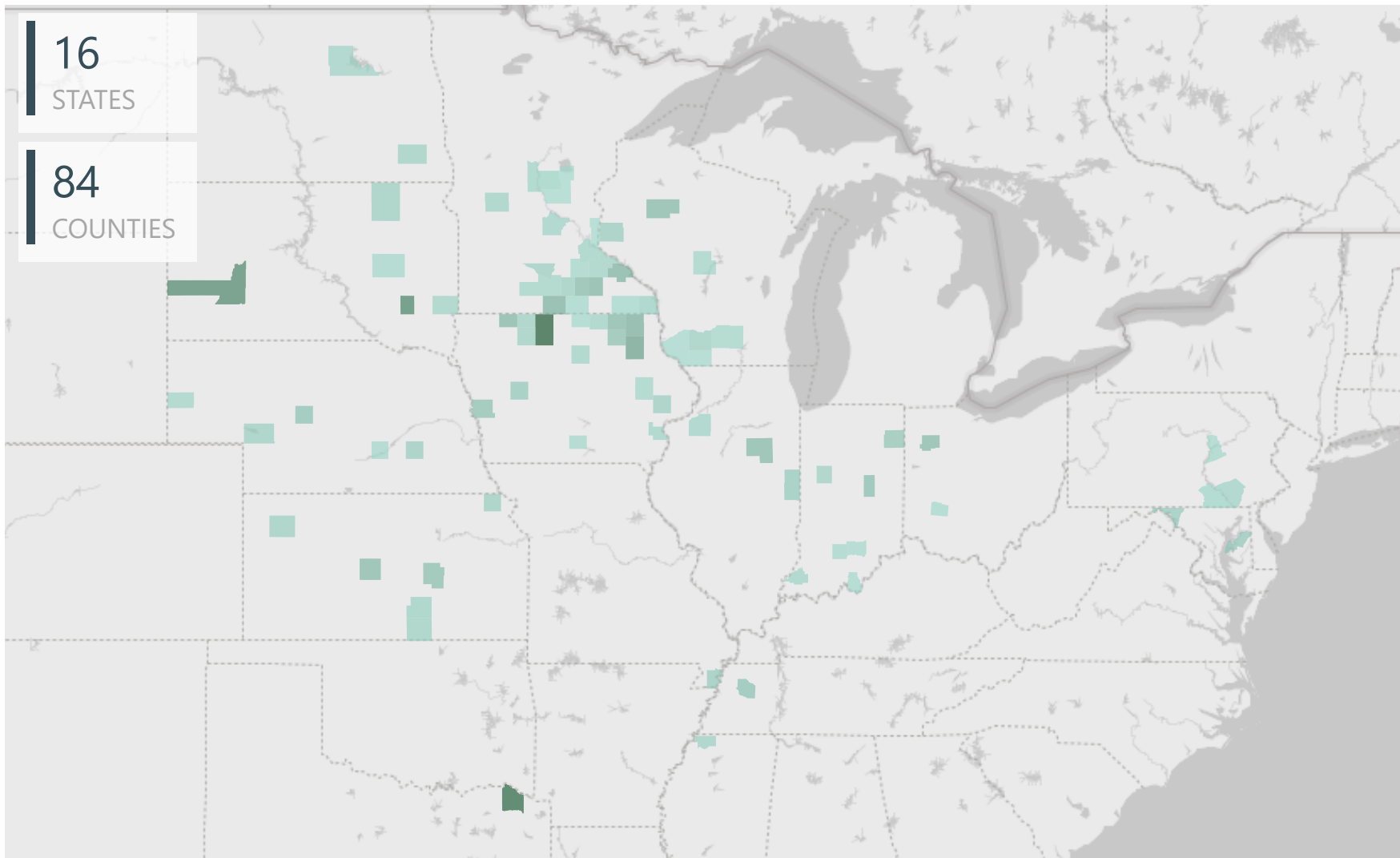
PROGRESS BY ACRES (% COMPLETED)



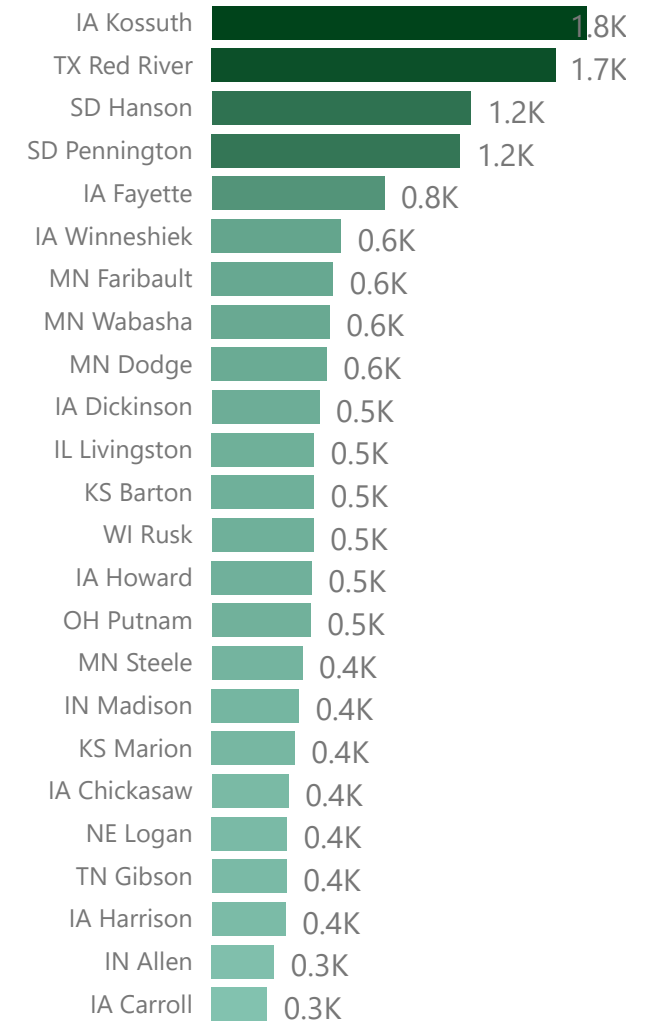
ACRES BY CROP STARTED & COMPLETED



ACRES BY COUNTY



TOP COUNTIES BY ACRES

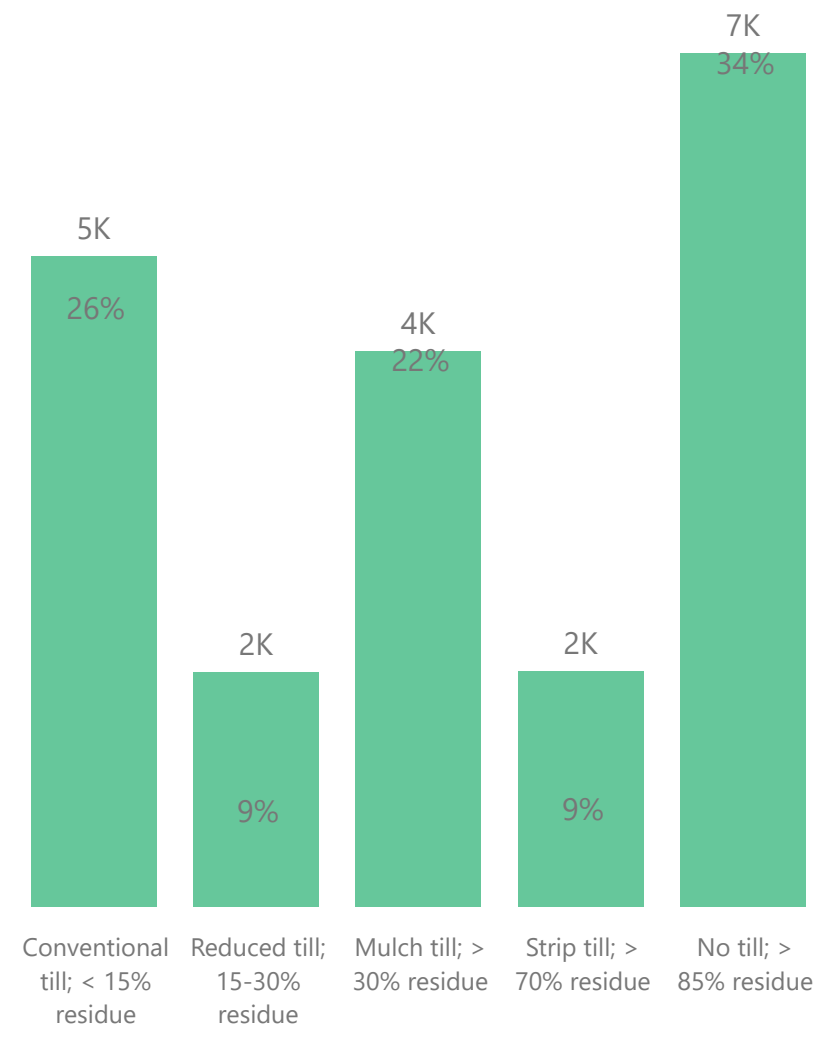
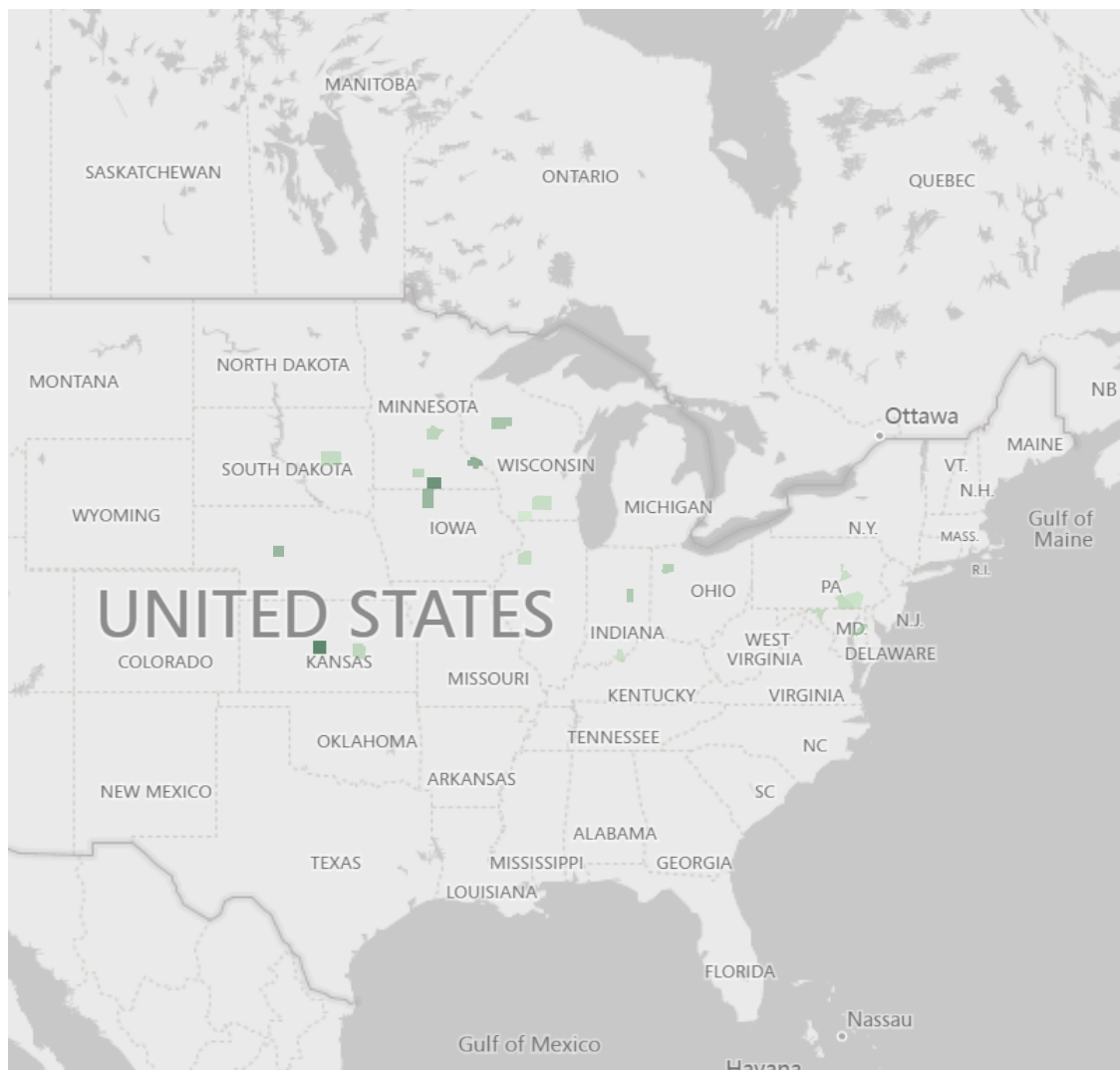


COVER CROPS

ACRES USING COVER CROPS

ACRES BY TILLAGE MANAGEMENT TYPE

● False ● True



NUTRIENT MANAGEMENT PLAN

A plan used to guide the application of fertilizers, developed by an agronomist, crop consultant, or conservation planner

31%
OF ACRES USE A NUTRIENT PLAN

VARIABLE RATE TECHNOLOGY

Applying the primary nutrient source for N, P, or K using variable rate technology

28%
OF ACRES USE VARIABLE RATE TECHNOLOGY

Nutrients Applied Using Variable Rate Technology	% of Total Acres
Flat Rate	72%
K, N, P	14%
K, P	5%
K, N	4%
N	4%
N, P	1%
K	0%

NUTRIENT MODELING TOOLS

Applicable nutrient models include; Field Forecasting Tool®, Climate®, AdaptN®, Encirca®

24%
OF ACRES USE NUTRIENT MODELING TOOLS

SAMPLING METHODS

Sampling methods used for decision making and monitoring (e.g. Soil Nitrate, Stalk Nitrate, Tissue Sampling)

24%
OF ACRES USE SAMPLING METHODS

Sampling Methods Used	% of Total Acres
No sampling method	76%
Tissue sampling	15%
Stalk nitrate, Tissue sampling	3%
Soil nitrate	2%
Soil nitrate, Tissue sampling	2%
Soil nitrate, Stalk nitrate, Tissue sampling	1%
Stalk nitrate	1%

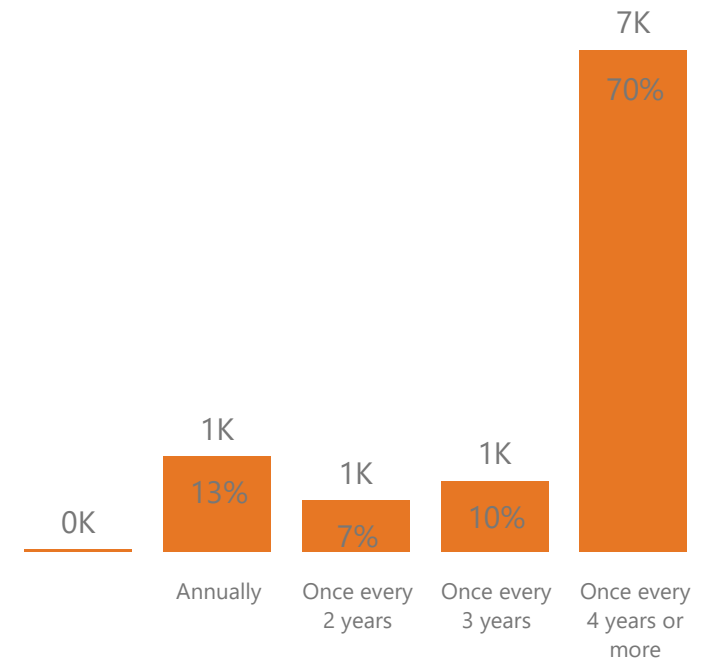
SOIL SAMPLING

Have conducted soil sampling / soil testing on the field

38%
OF ACRES USE SOIL SAMPLING

28%
OF ACRES USE GRID OR ZONE SAMPLING

ACRES BY SOIL SAMPLING FREQUENCY

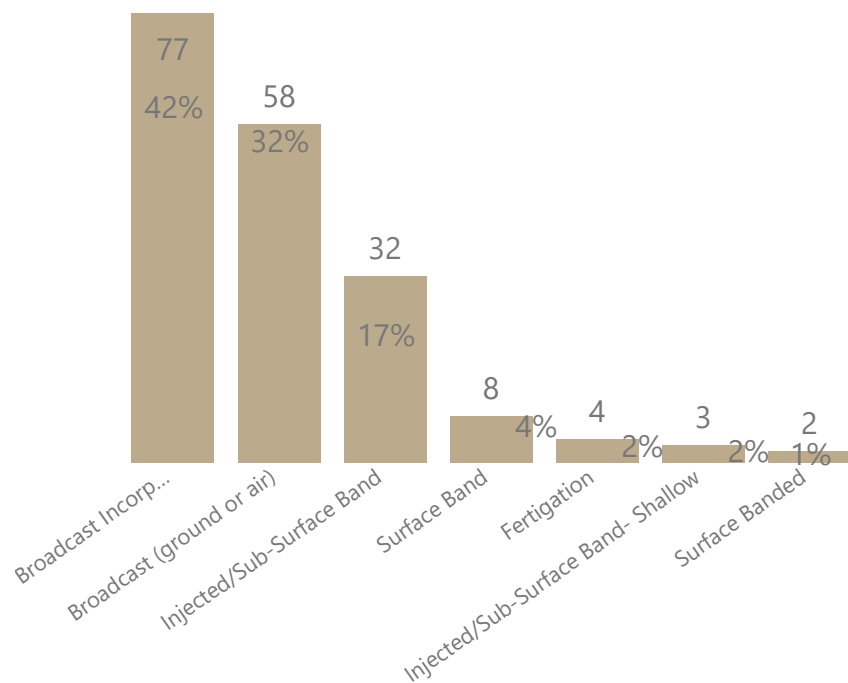


SIDE DRESS APPLICATIONS

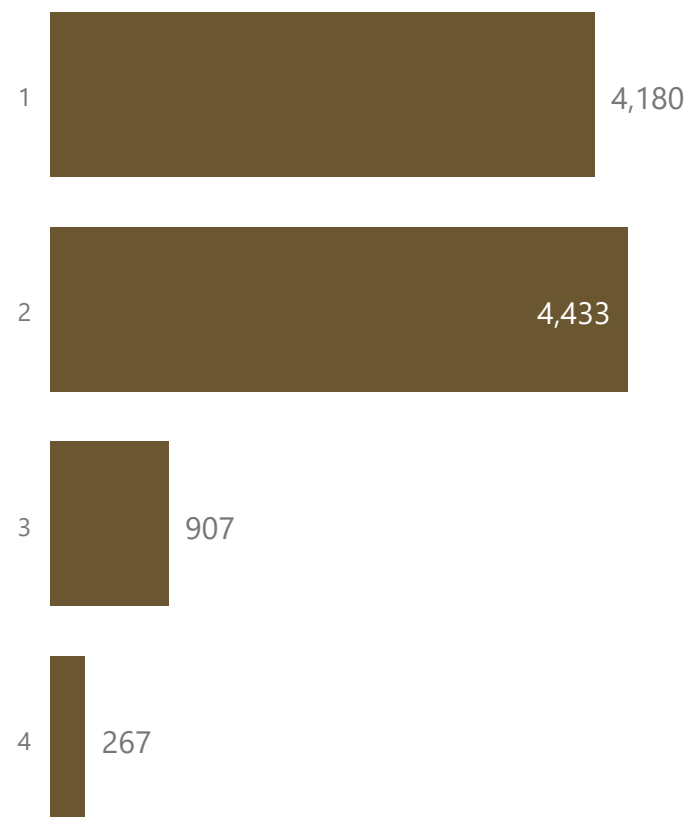
7%

OF ACRES HAD SIDE DRESS APPLICATIONS

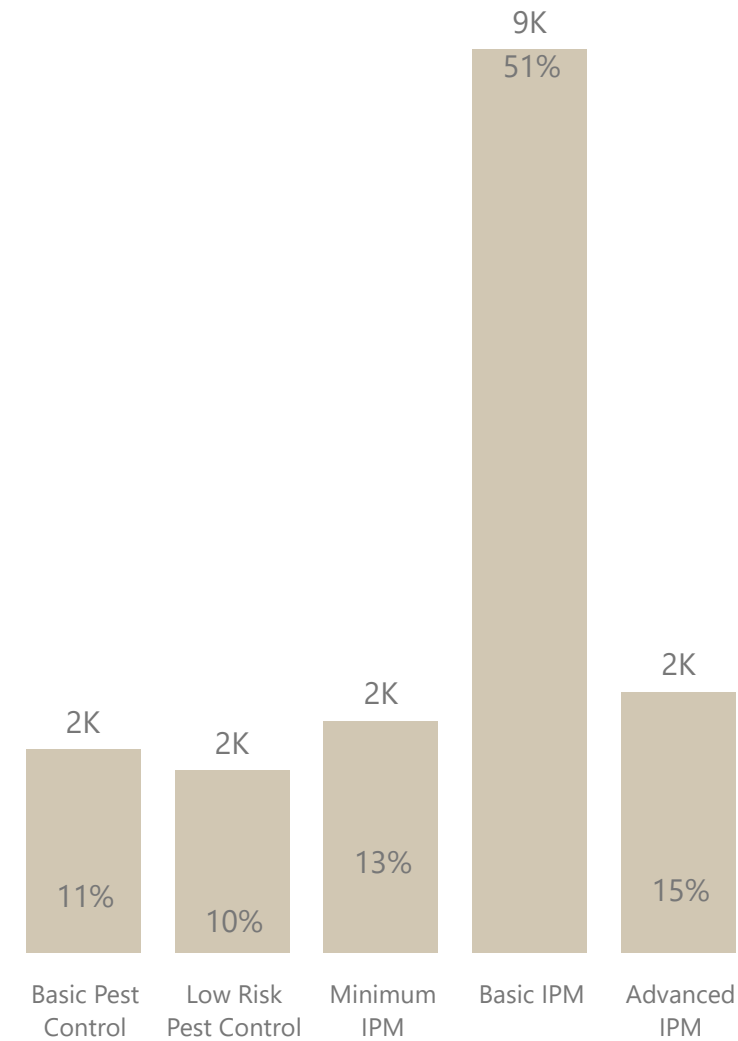
COMMERCIAL FERTILIZER APPLICATION METHOD BY PASS



CORN & WHEAT ACRES BY NUMBER OF N APPLICATIONS



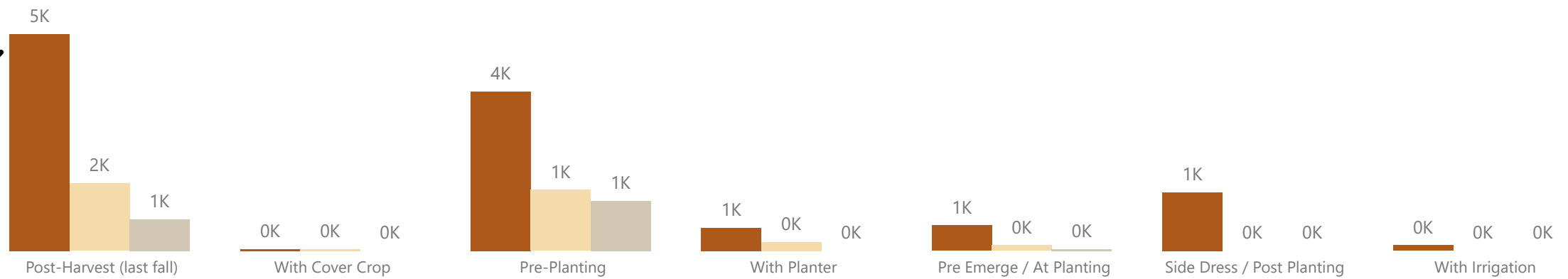
ACRES BY PEST MANAGEMENT TYPE



TOTAL NUTRIENTS APPLIED BY TIMING (LBS/ACRE)

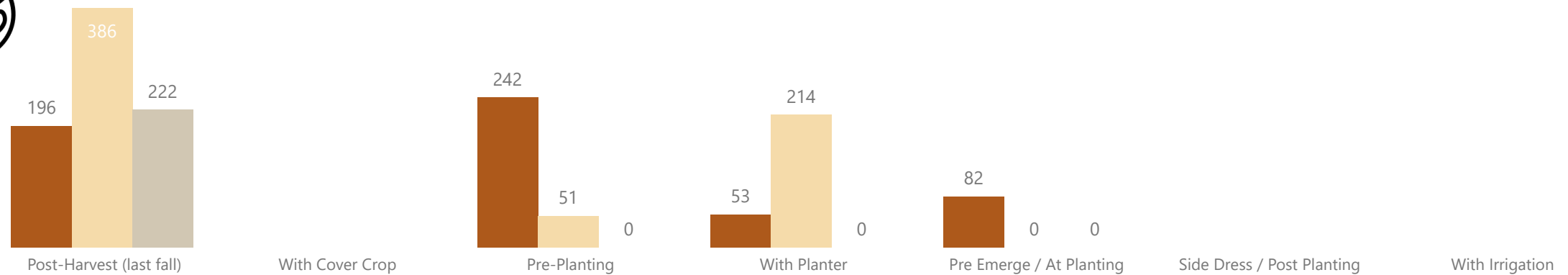
CORN

● N ● P ● K



SOYBEANS

● N ● P ● K



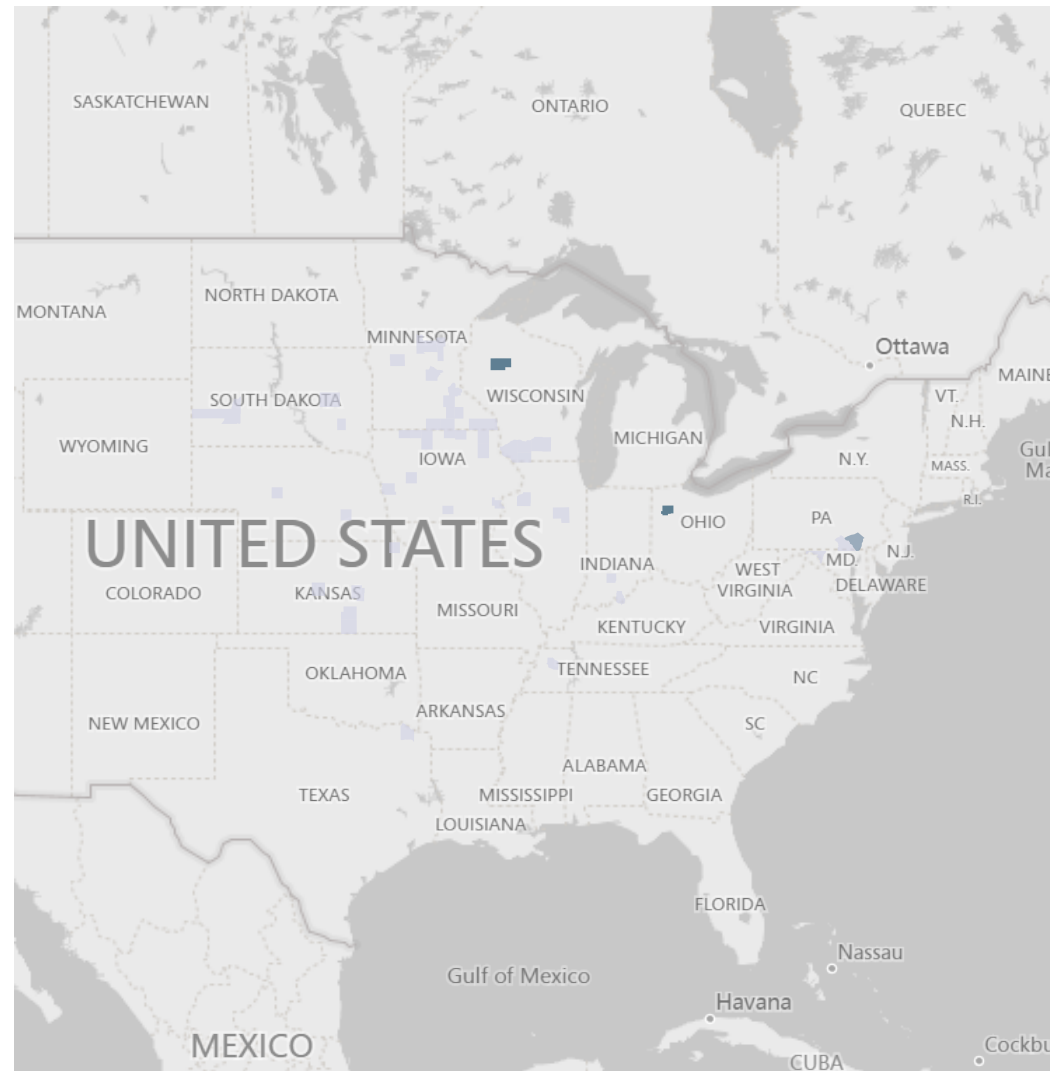
27 OF 26 PRACTICES IN USE

TOTAL PRACTICES IN USE BY COUNTY

TOP COUNTIES BY TOTAL PRACTICES

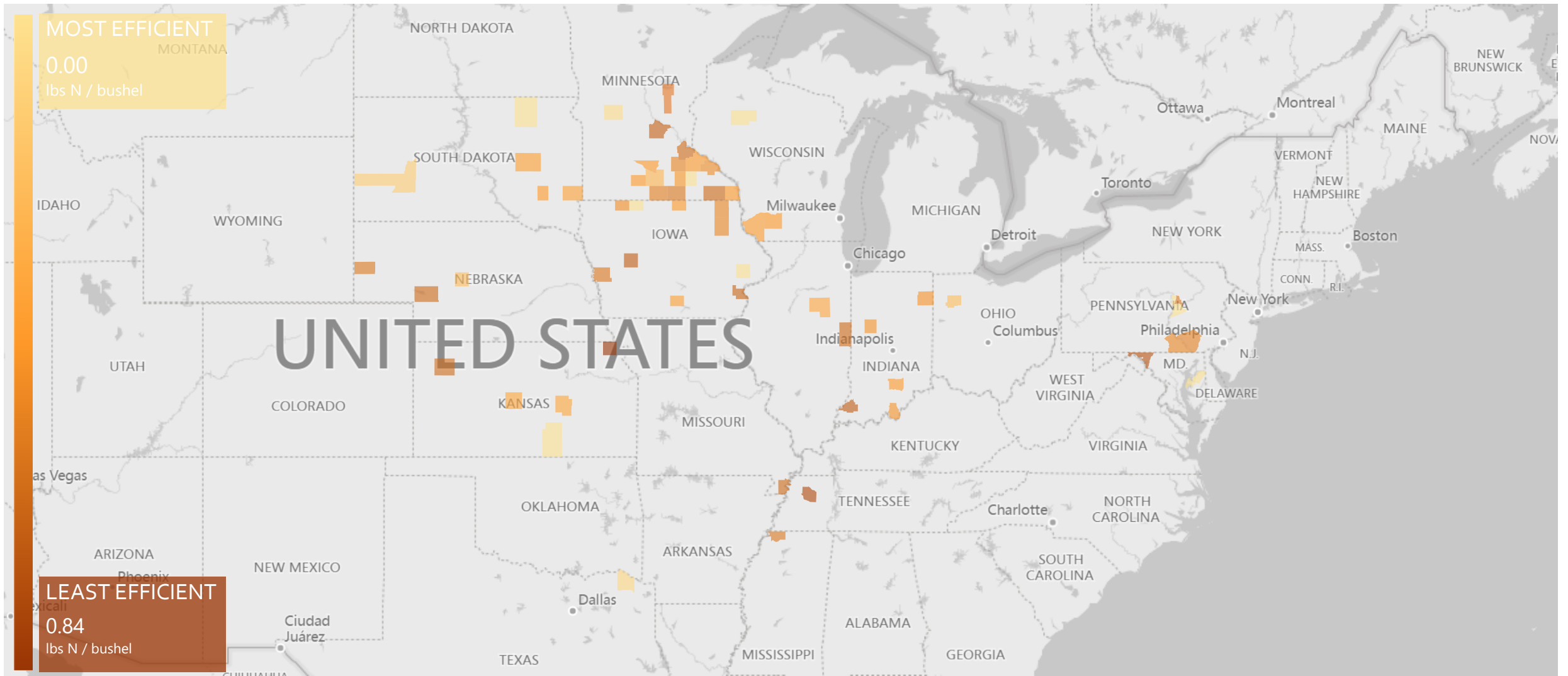
TOP PRACTICE SUMMARY

Practice	Count	% of Fields
Conservation Cover	28	2.9%
Grassed Waterway	27	2.7%
Contour Buffer Strips	26	2.5%
Amending Soil Propert...	23	2.2%
Terrace	19	1.9%
Contour Farming	16	1.6%
Controlled Traffic Farm...	16	1.6%
Field Border	15	1.5%
Filter Strip	15	1.5%
Bioreactor	10	1.0%
Constructed Wetland	10	1.0%
Riparian Forest Buffer	10	1.0%
Mulching	9	0.8%
Pond	9	0.8%
Windbreak/Shelterbelt...	9	0.8%
Grade Stabilization Str...	8	0.7%
Sediment Basin	8	0.7%
Cross Wind Trap Strips	7	0.6%



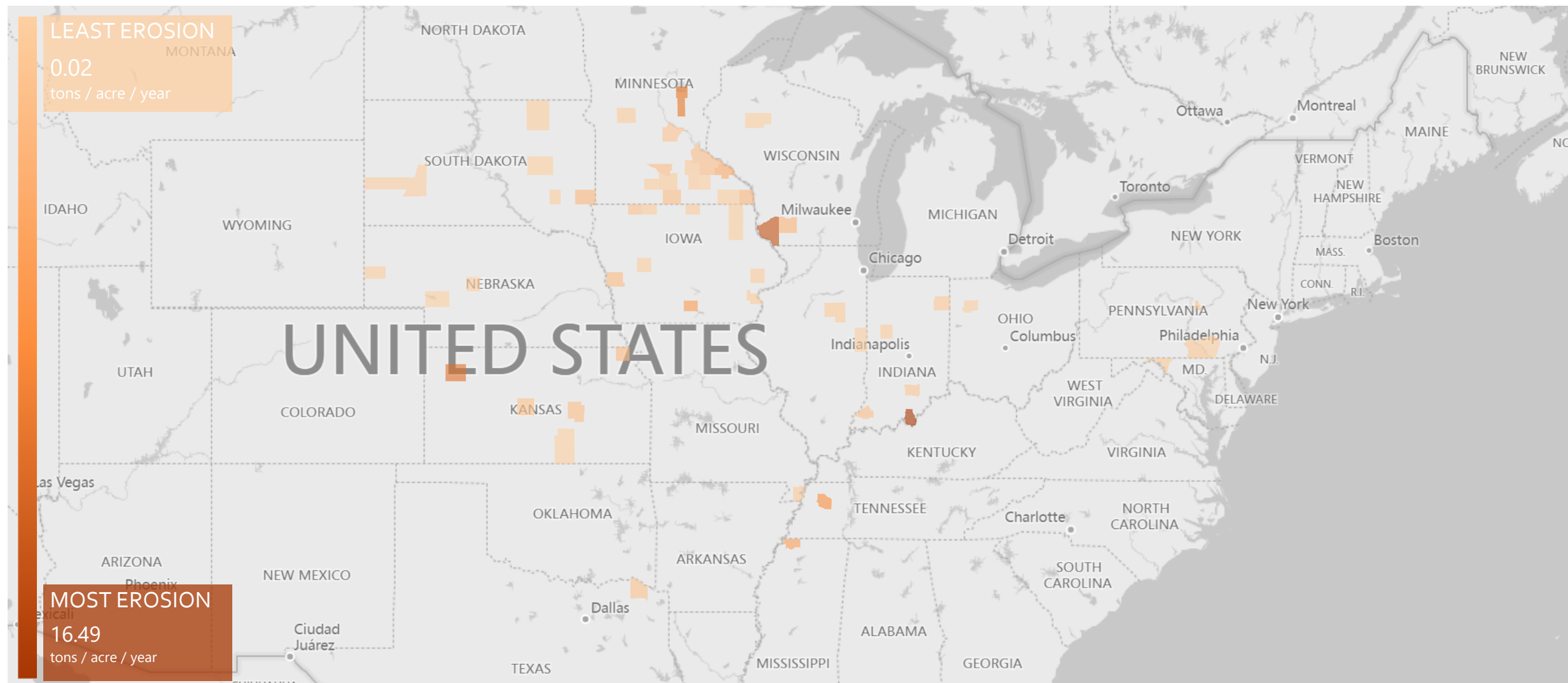


AVERAGE NITROGEN USE EFFICIENCY BY COUNTY

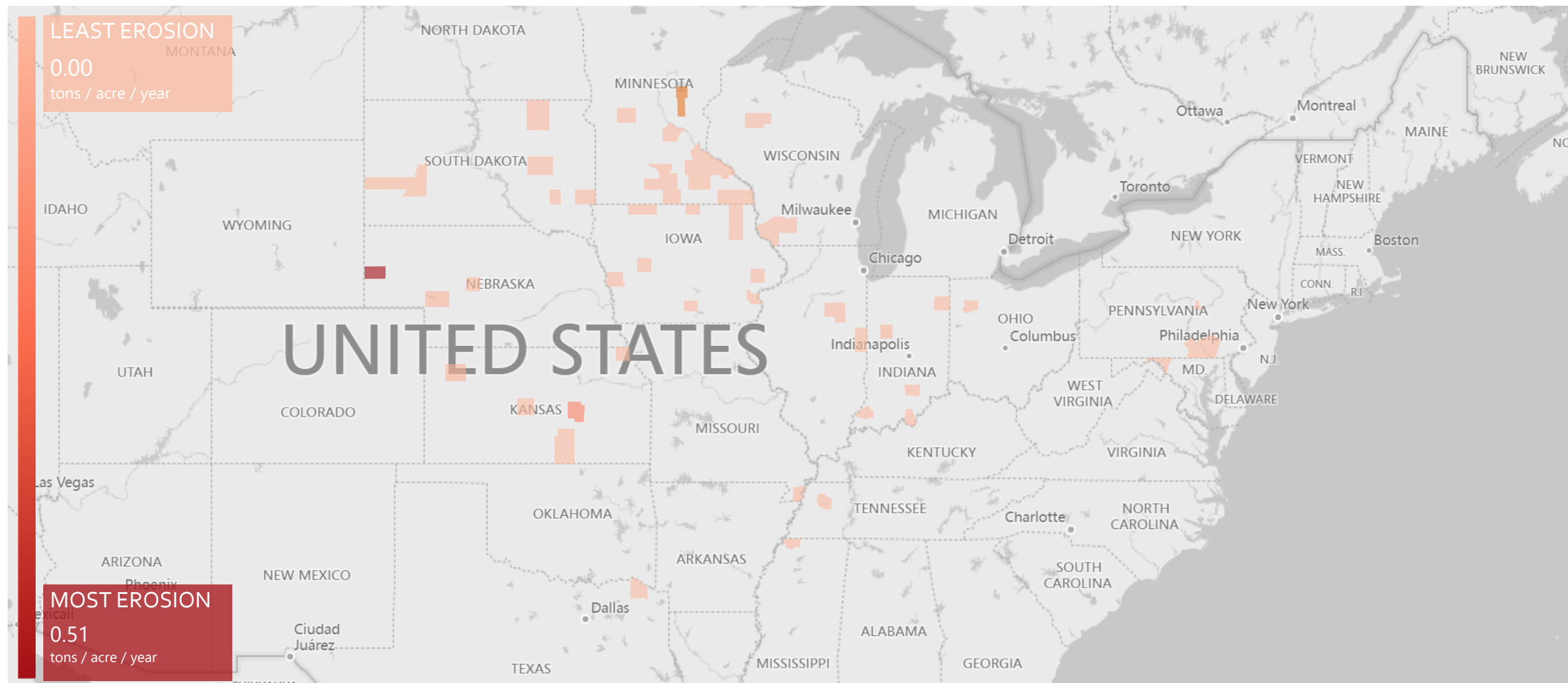




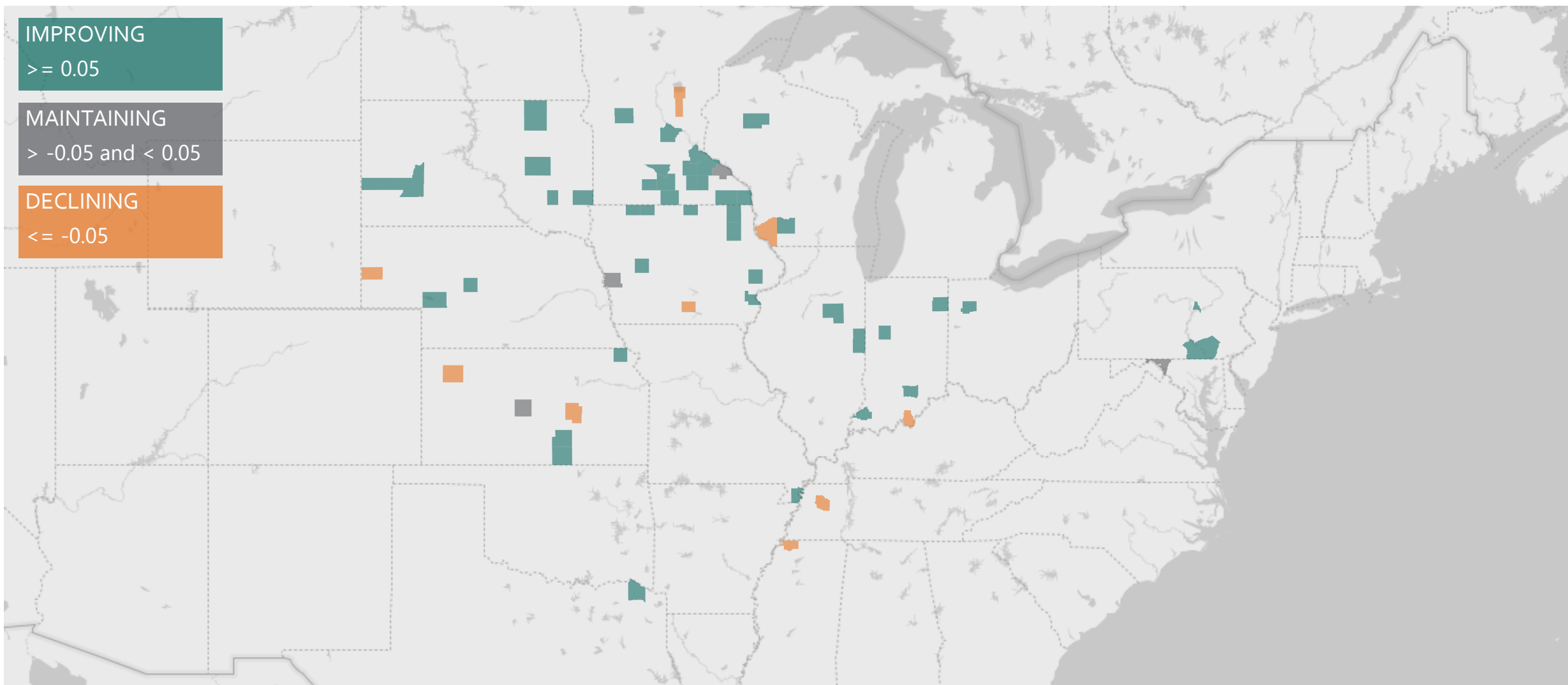
AVERAGE SHEET & RILL EROSION BY COUNTY



AVERAGE WIND EROSION BY COUNTY



AVERAGE SOIL CONDITIONING INDEX BY COUNTY





AVERAGE GHG EMISSIONS BY COUNTY

