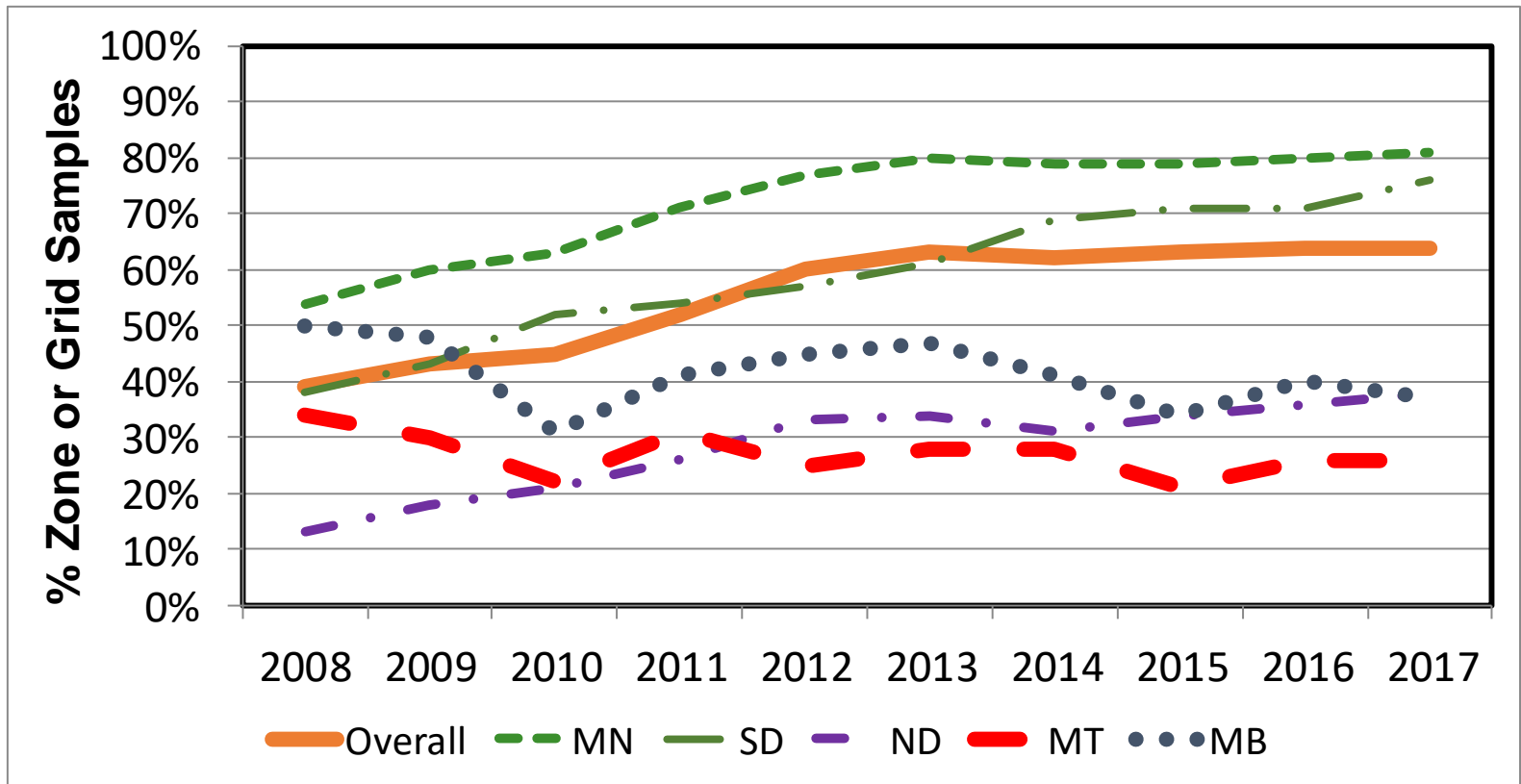


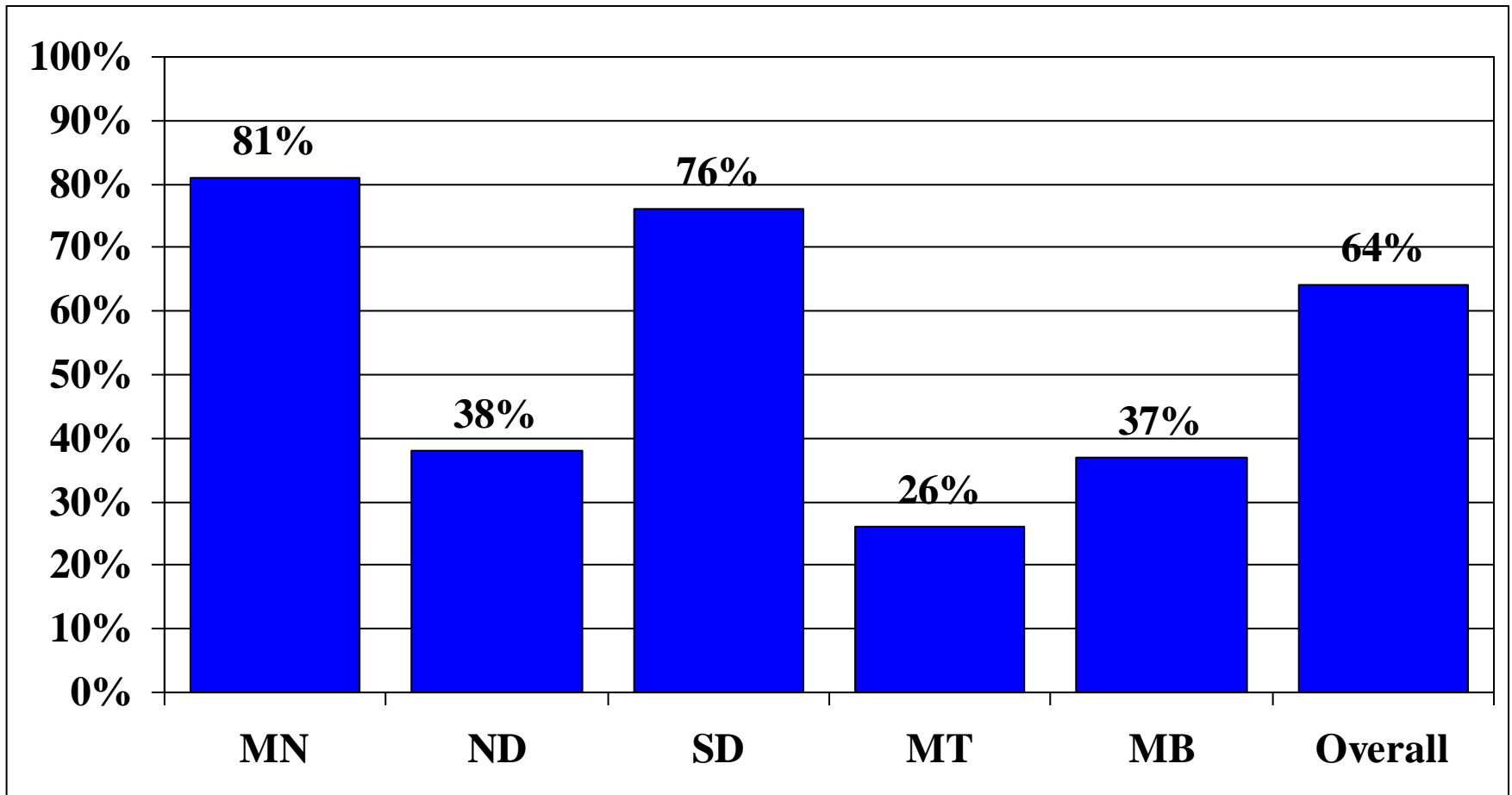
# Trend for Precision Soil Testing

## % Zone or Grid Samples Tested compared to Total Samples



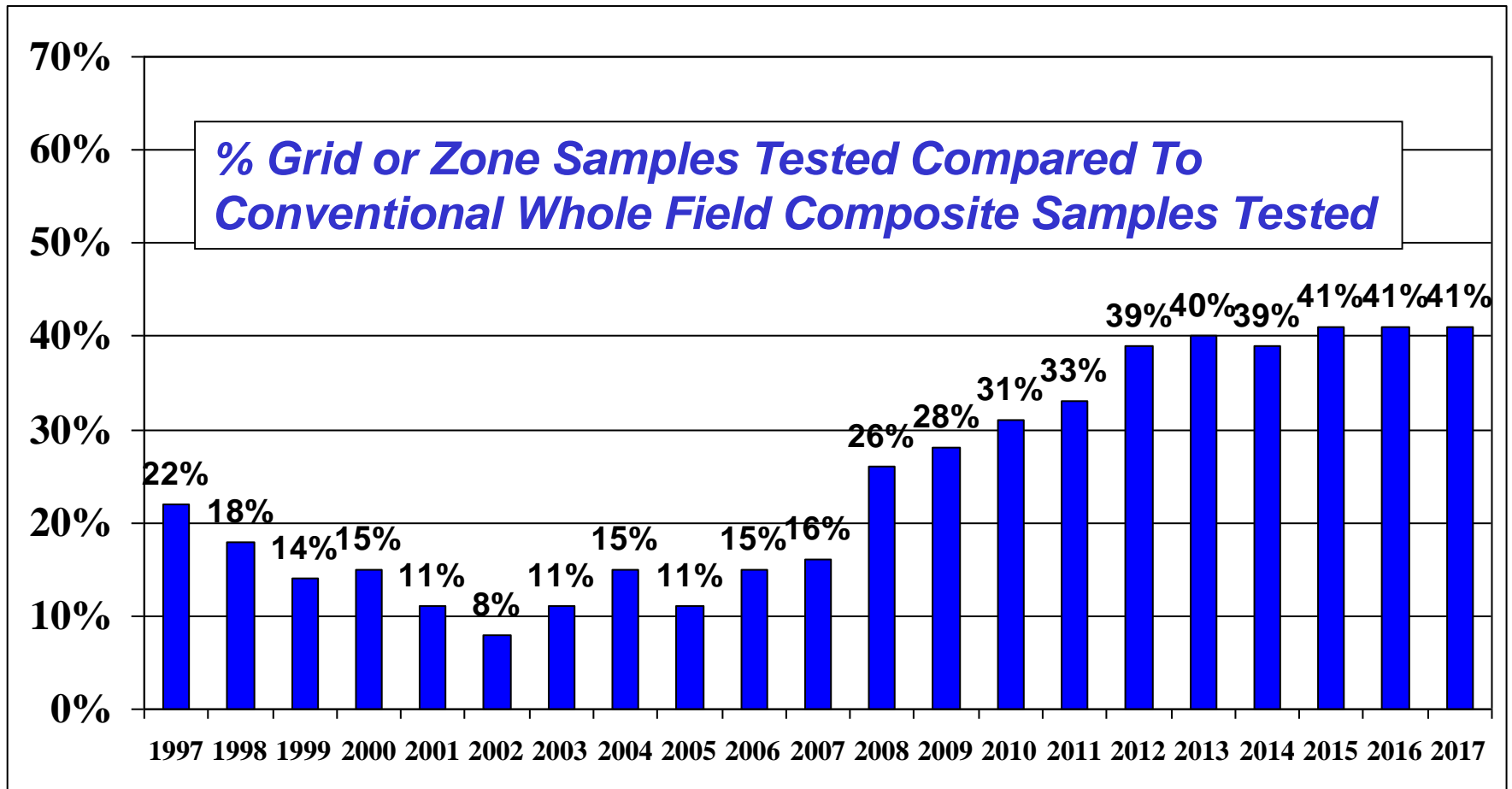


***%Zone or Grid Samples Tested Compared to  
Conventional Whole Field Composite Samples in 2017***



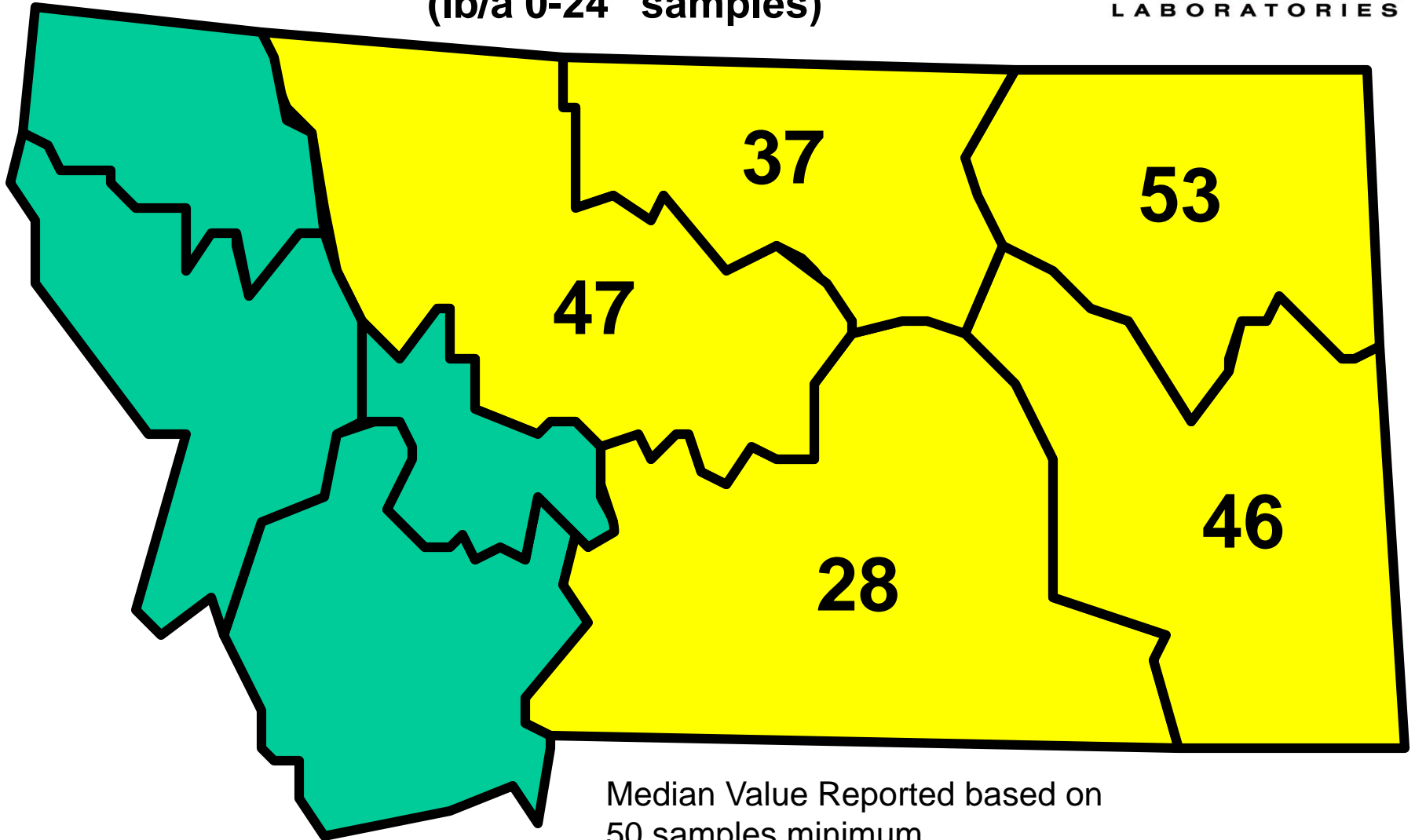
# ***AGVISE Laboratories***

***%Zone or Grid Samples – Northwood laboratory  
1997 - 2017***



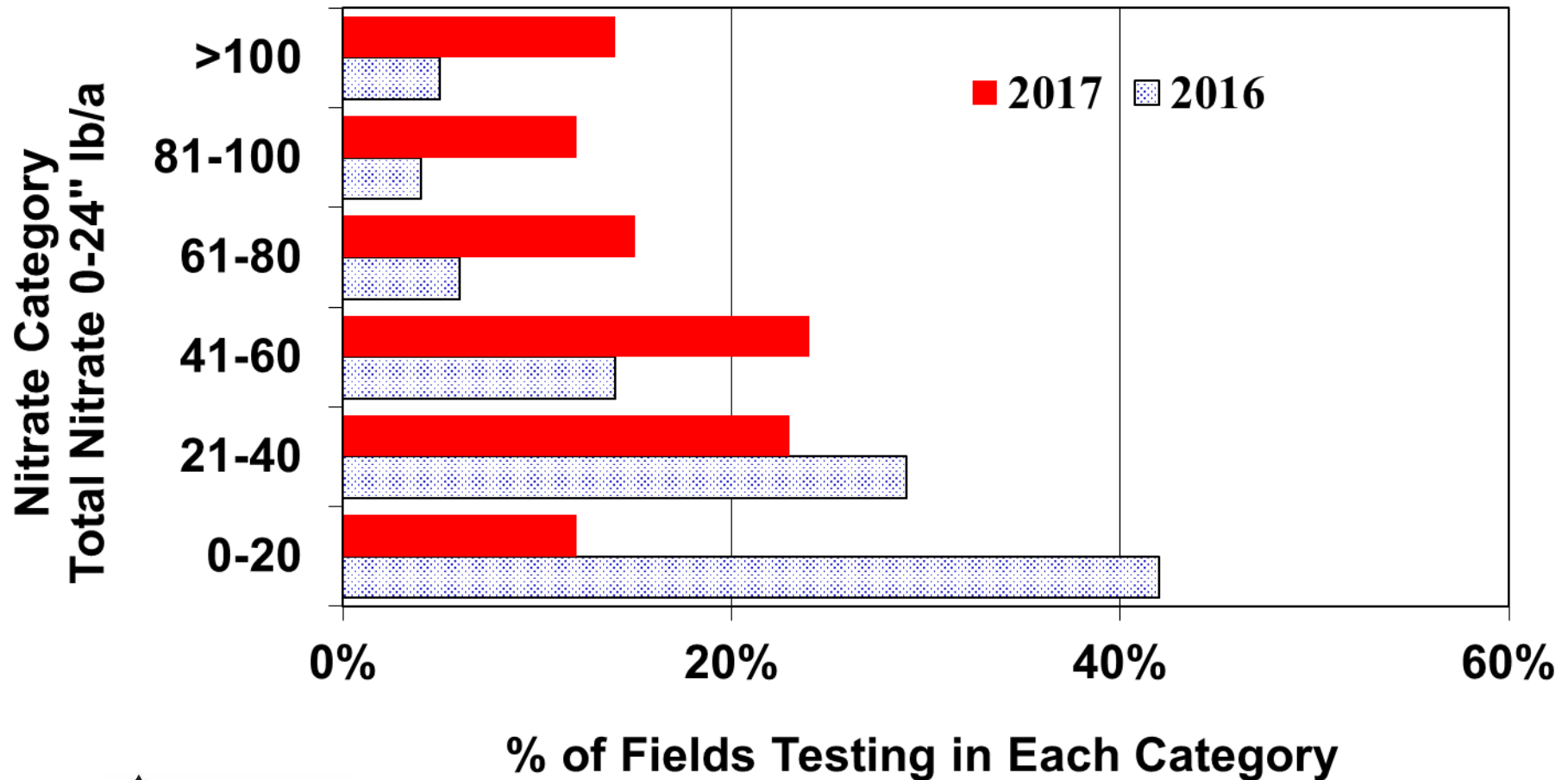
# Median Soil Nitrate following Wheat in 2017

Fall 2017 samples  
(lb/a 0-24" samples)

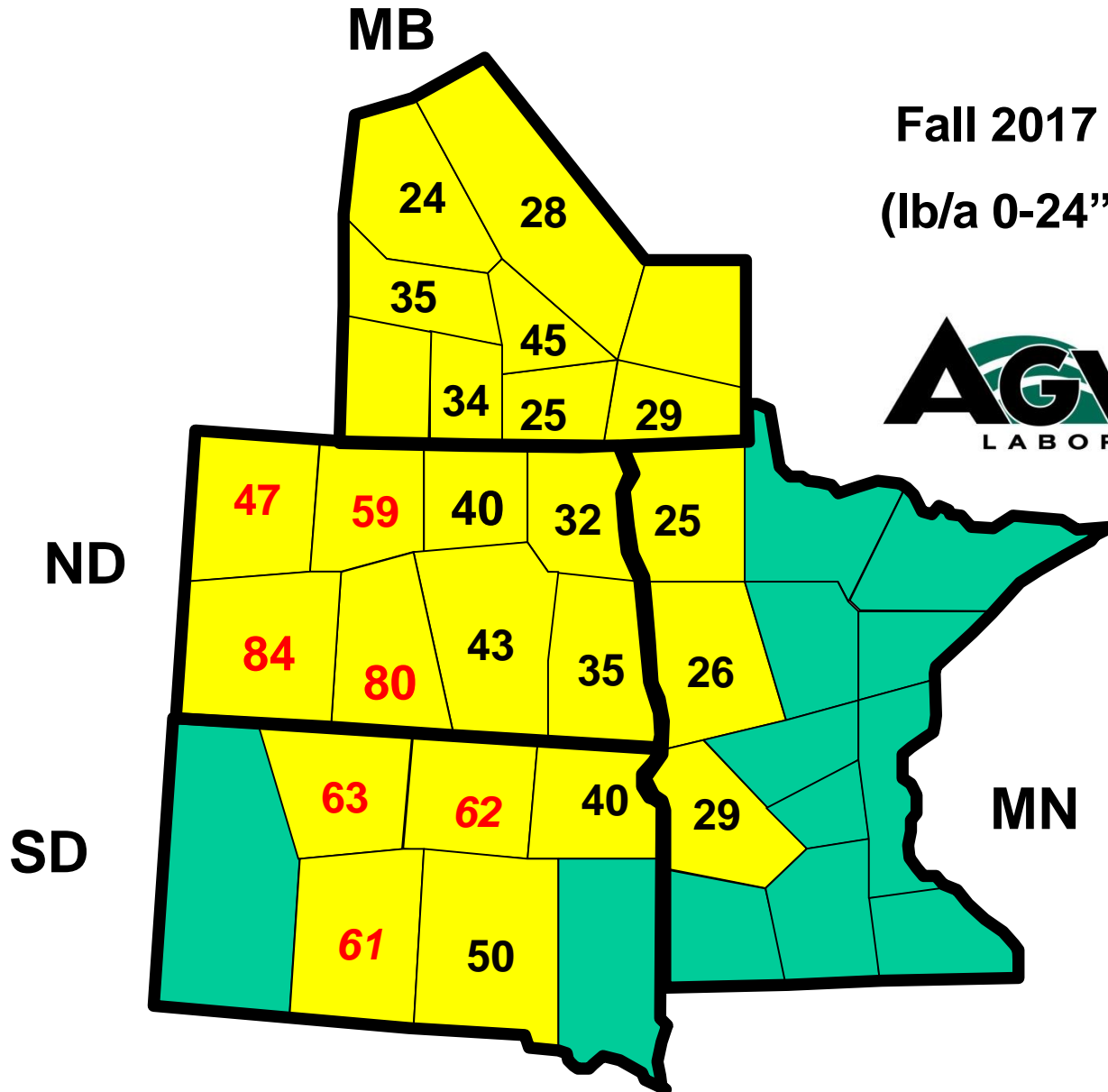


Median Value Reported based on  
50 samples minimum

# Soil Nitrate Variability Between Fields Following "WHEAT" in Montana 2016 & 2017



# Median Soil Nitrate following Wheat in 2017

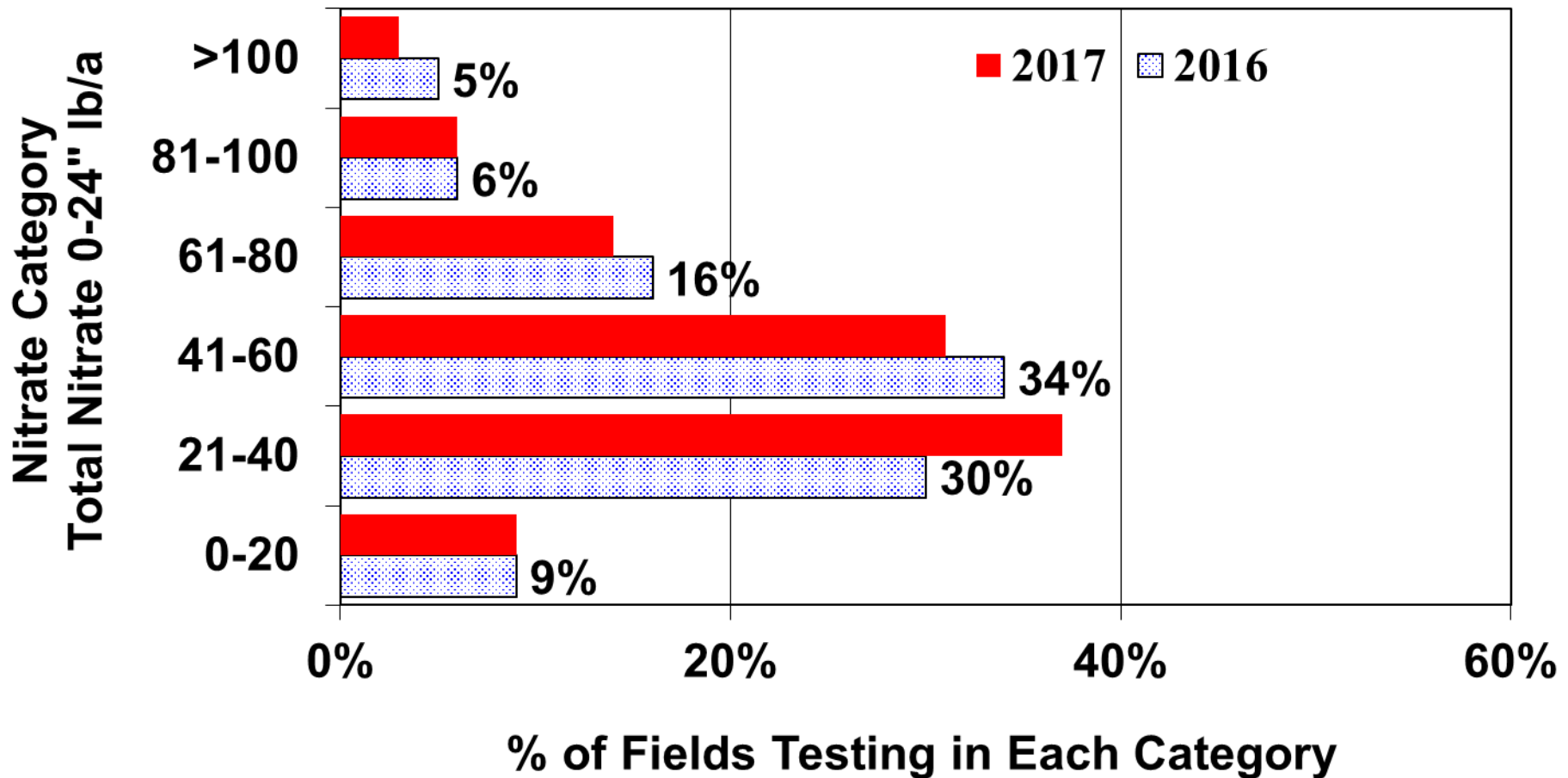


Fall 2017 Samples  
(lb/a 0-24" samples)





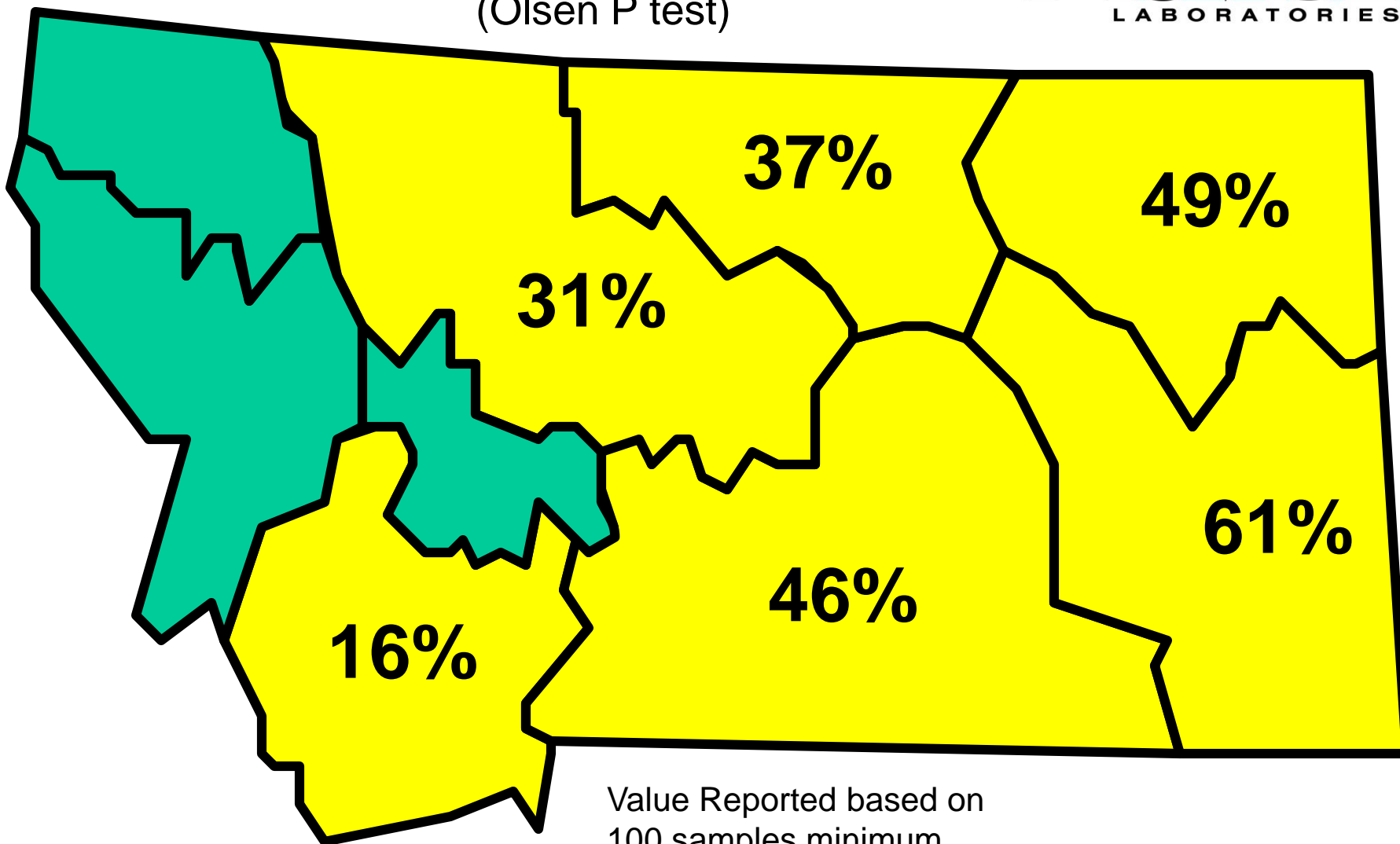
# Soil Nitrate Variability Between Fields Following “Fallow” in Montana 2016 & 2017





# *% Soil Samples with Phosphorus less than 10 ppm*

Fall 2017 samples (0-6")  
(Olsen P test)

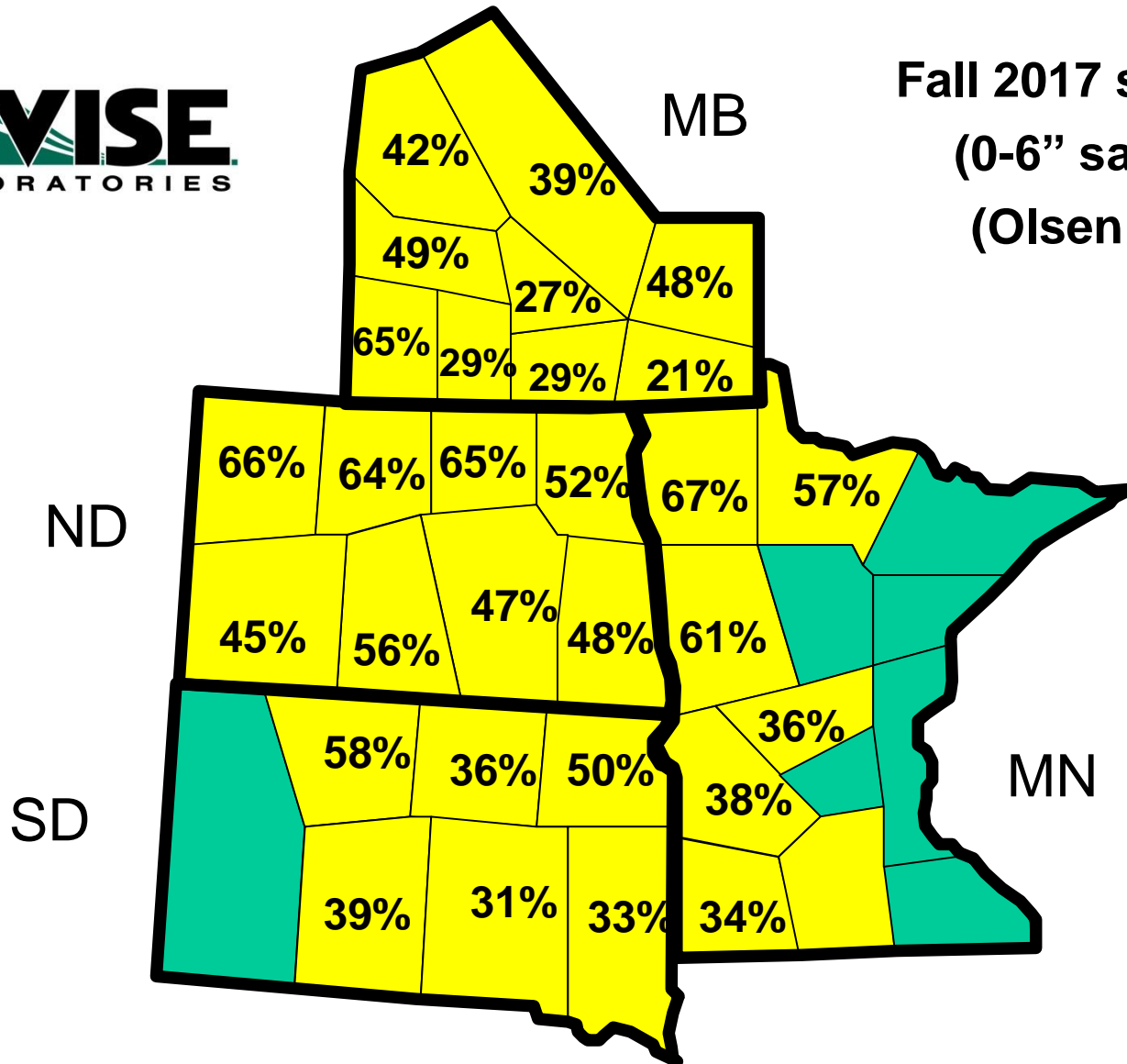


Value Reported based on  
100 samples minimum

# *% Soil Samples with Phosphorus less than 10 ppm*

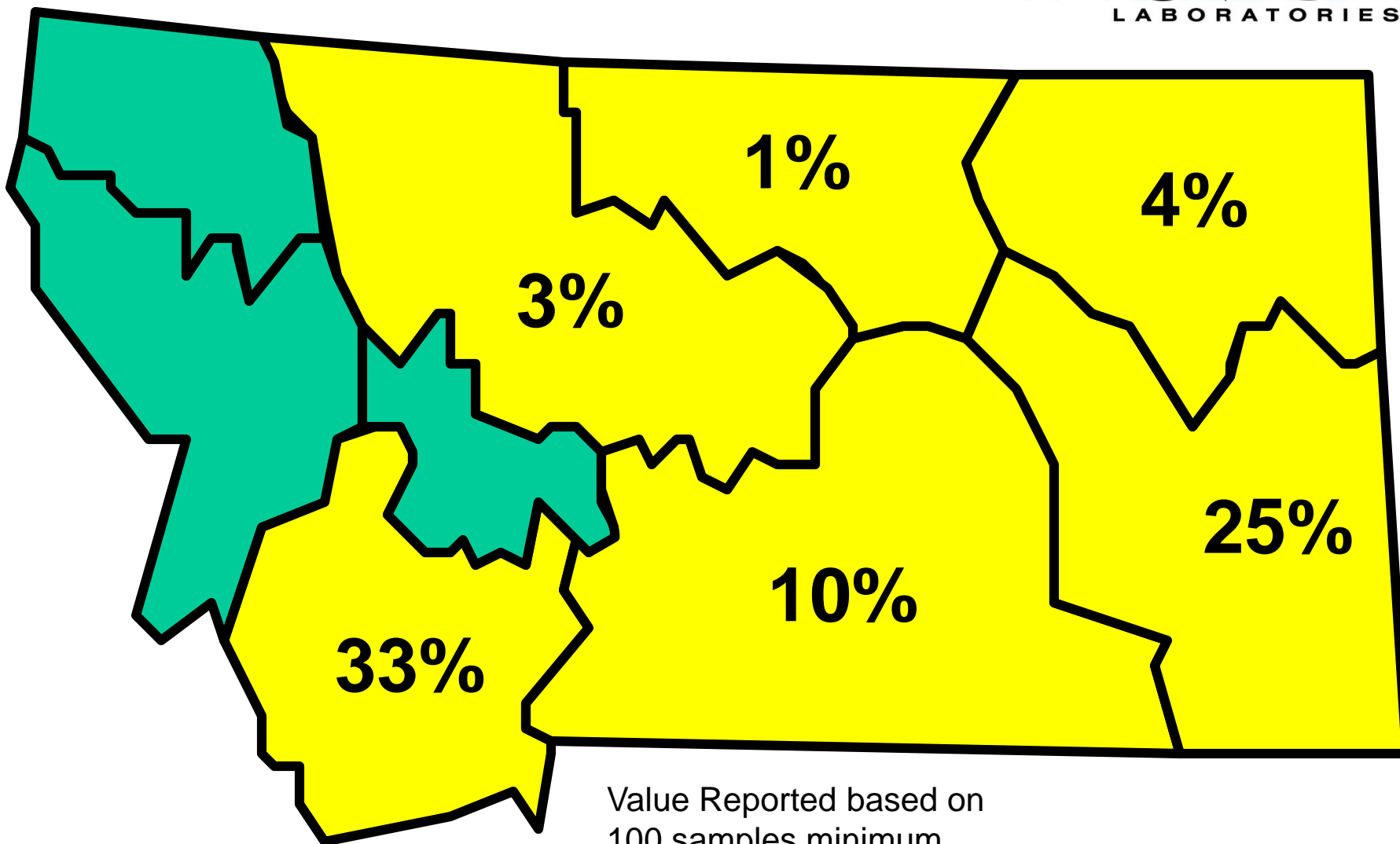


Fall 2017 samples  
(0-6" samples)  
(Olsen P test)



# *% Soil Samples with Potassium less than 150 ppm*

Fall 2017 samples (0-6")

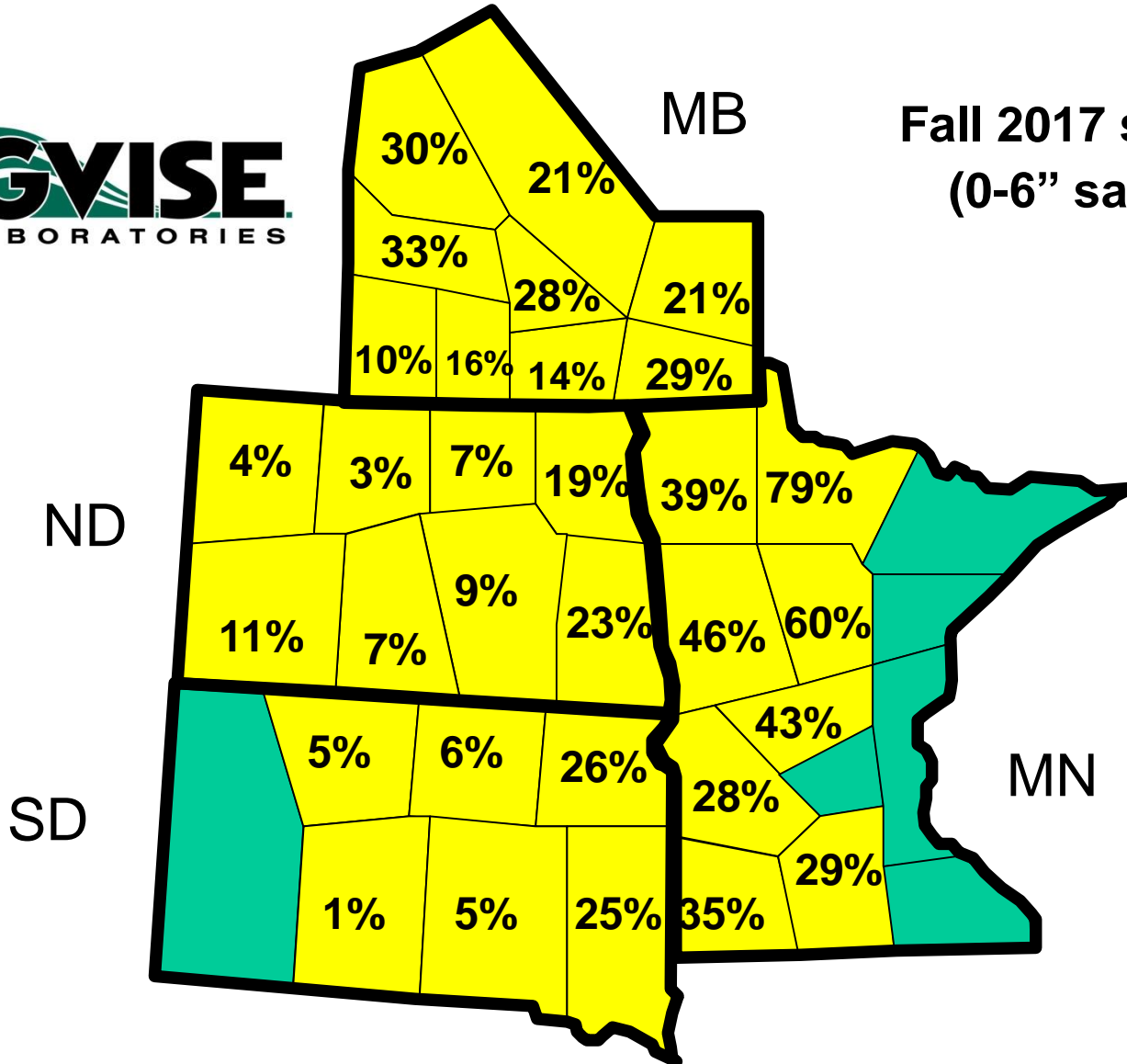


Value Reported based on  
100 samples minimum

# *% Soil Samples with Potassium less than 150 ppm*

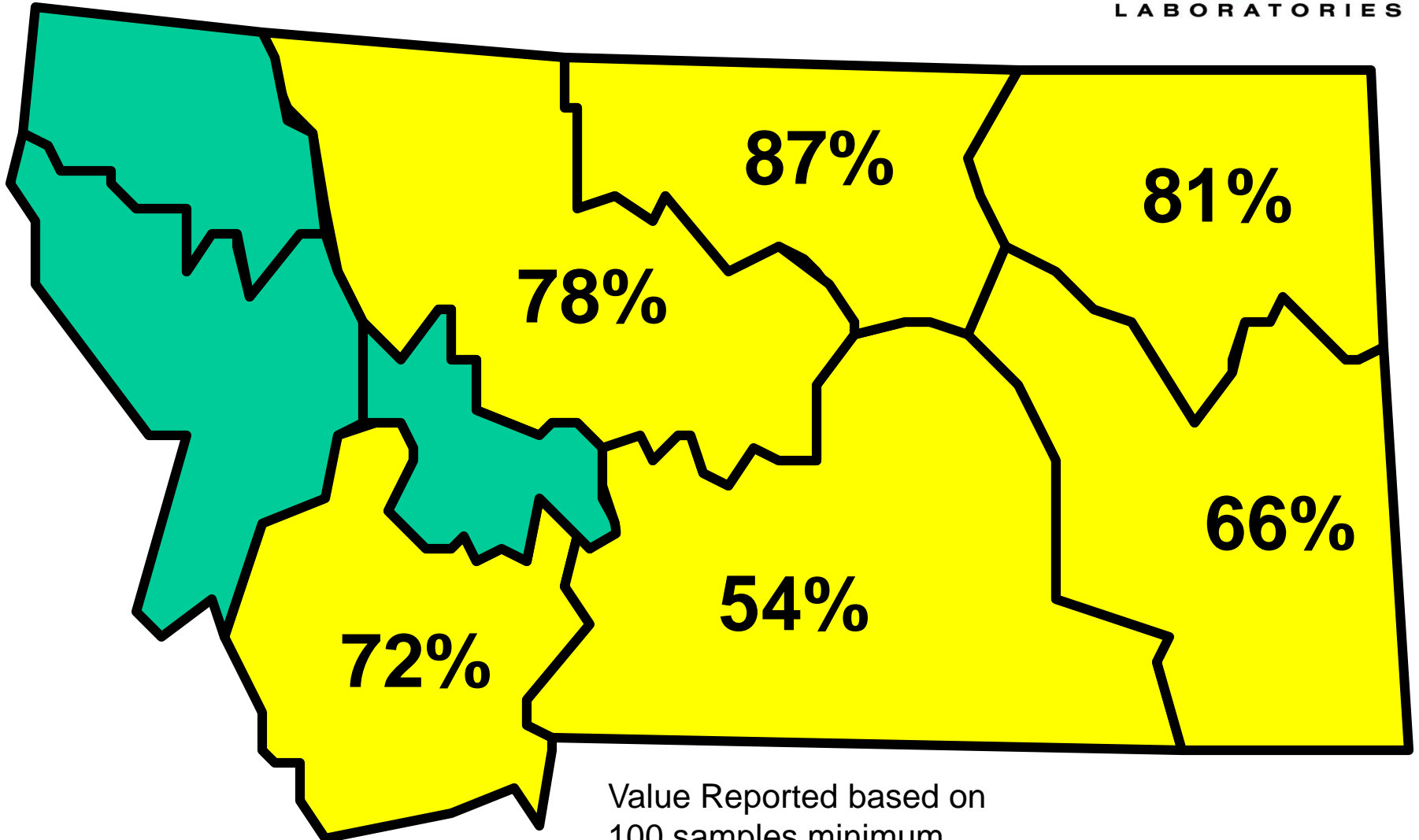


Fall 2017 samples  
(0-6" samples)



# *% Soil Samples with Zinc less than 1.0 ppm*

Fall 2017 samples (0-6")

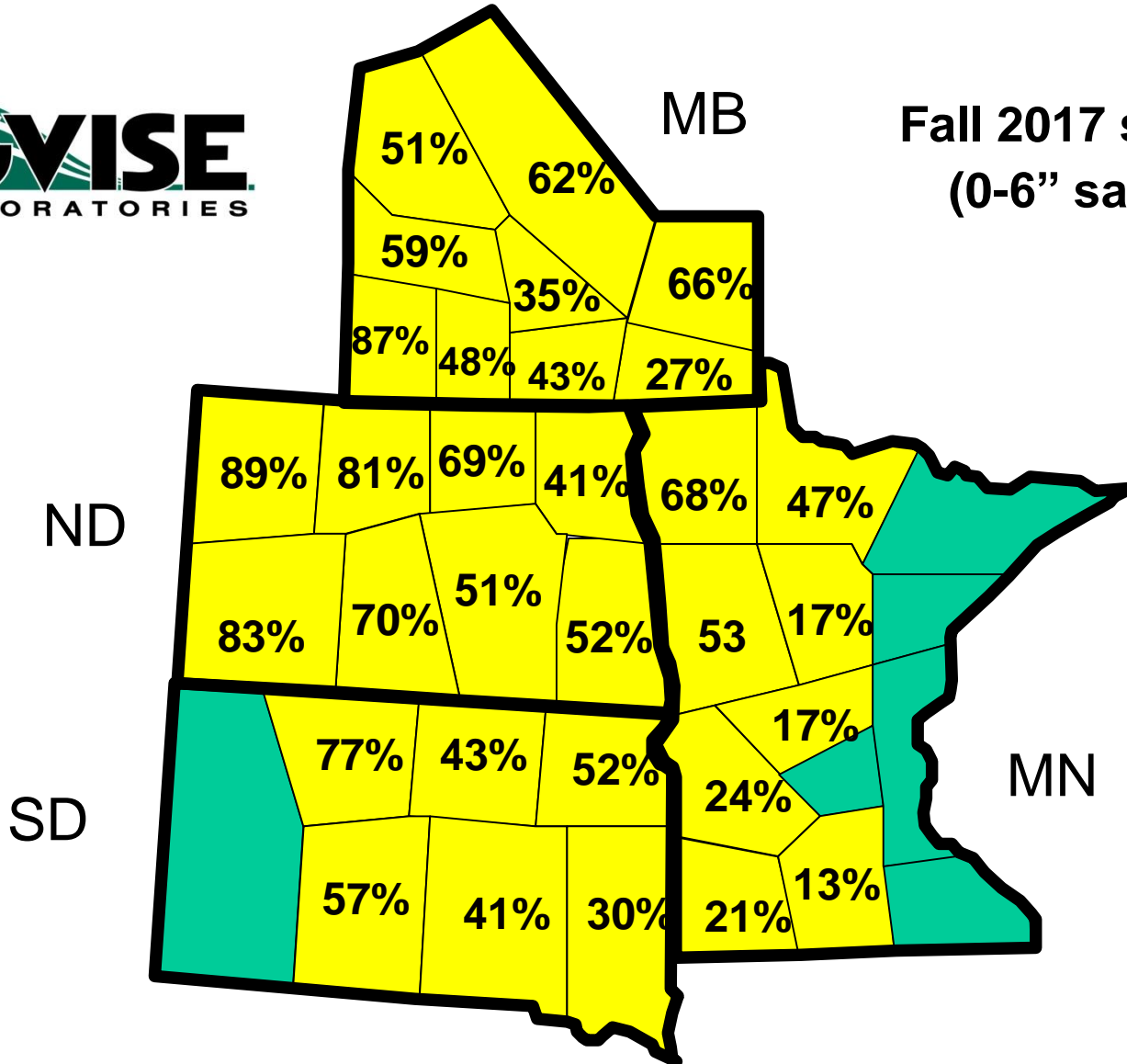


Value Reported based on 100 samples minimum

# *% Soil Samples with Zinc less than 1.0 ppm*

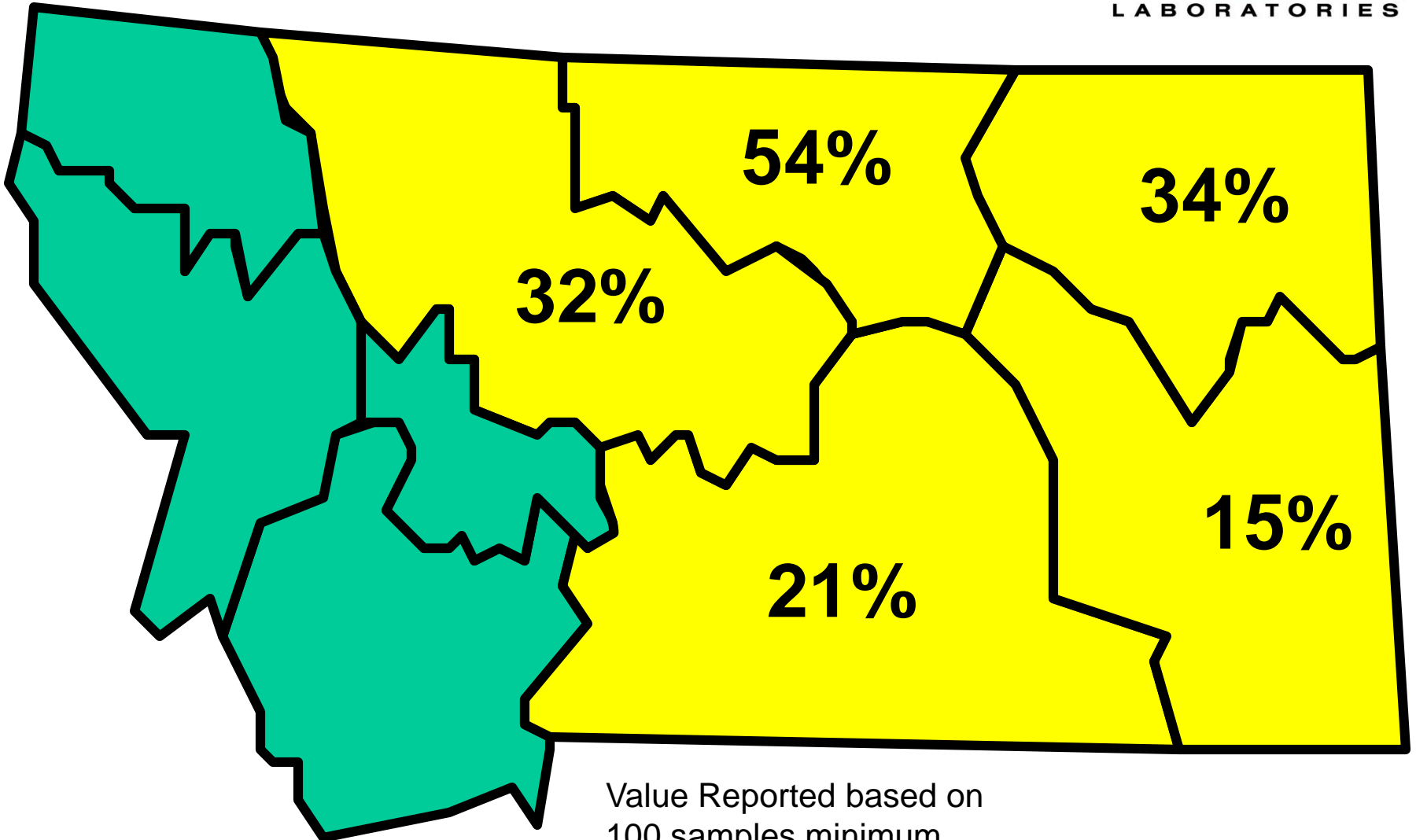


Fall 2017 samples  
(0-6" samples)



# *% Soil Samples with Sulfur less than 15 lb/a*

Fall 2017 samples (0-6")

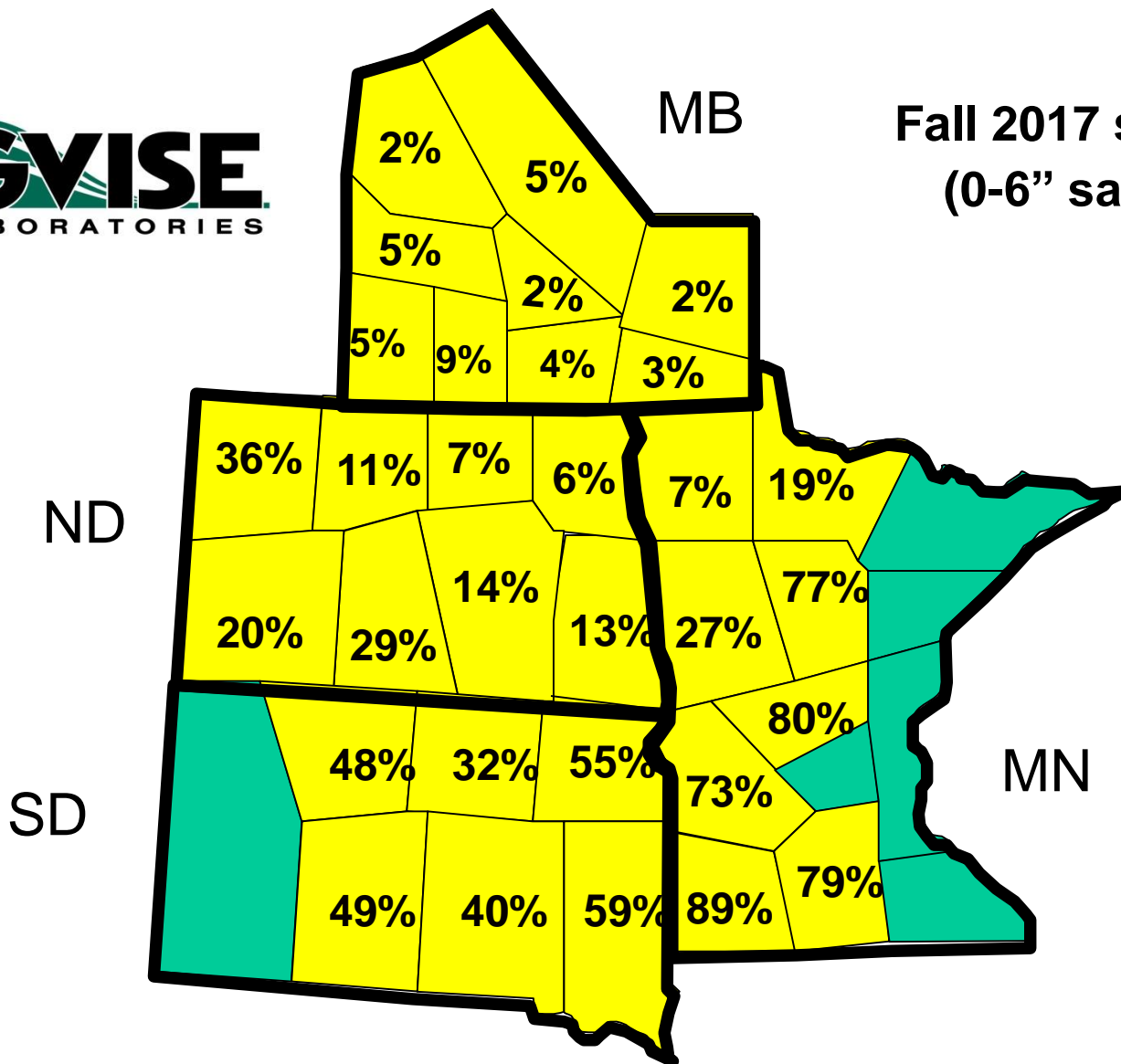


Value Reported based on  
100 samples minimum

# *% Soil Samples with Sulfur less than 15 lb/a*



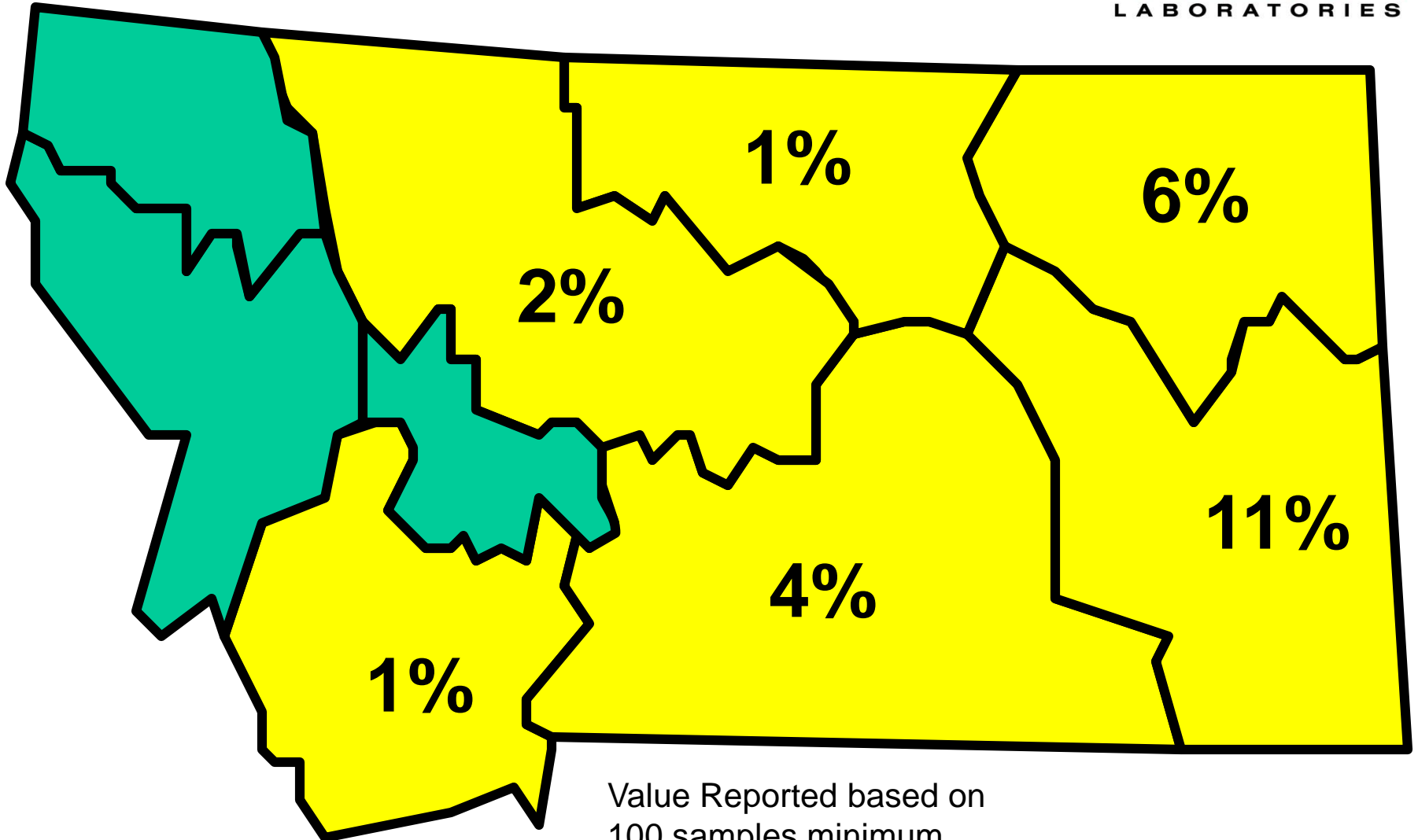
Fall 2017 samples  
(0-6" samples)





# *% Soil Samples with Copper less than 0.5 ppm*

Fall 2017 samples (0-6")

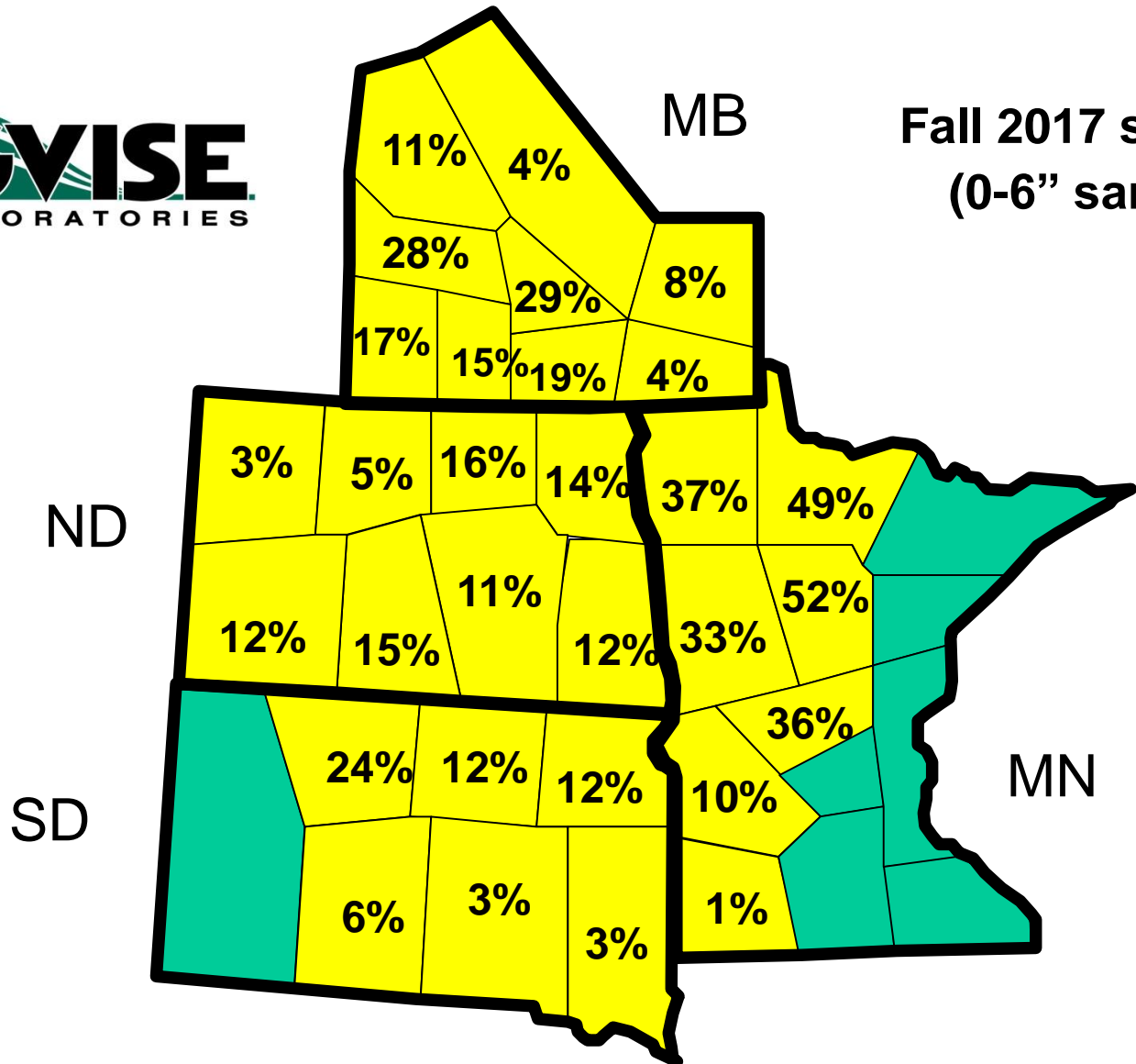


Value Reported based on  
100 samples minimum

# *% Soil Samples with Copper less than 0.5 ppm*

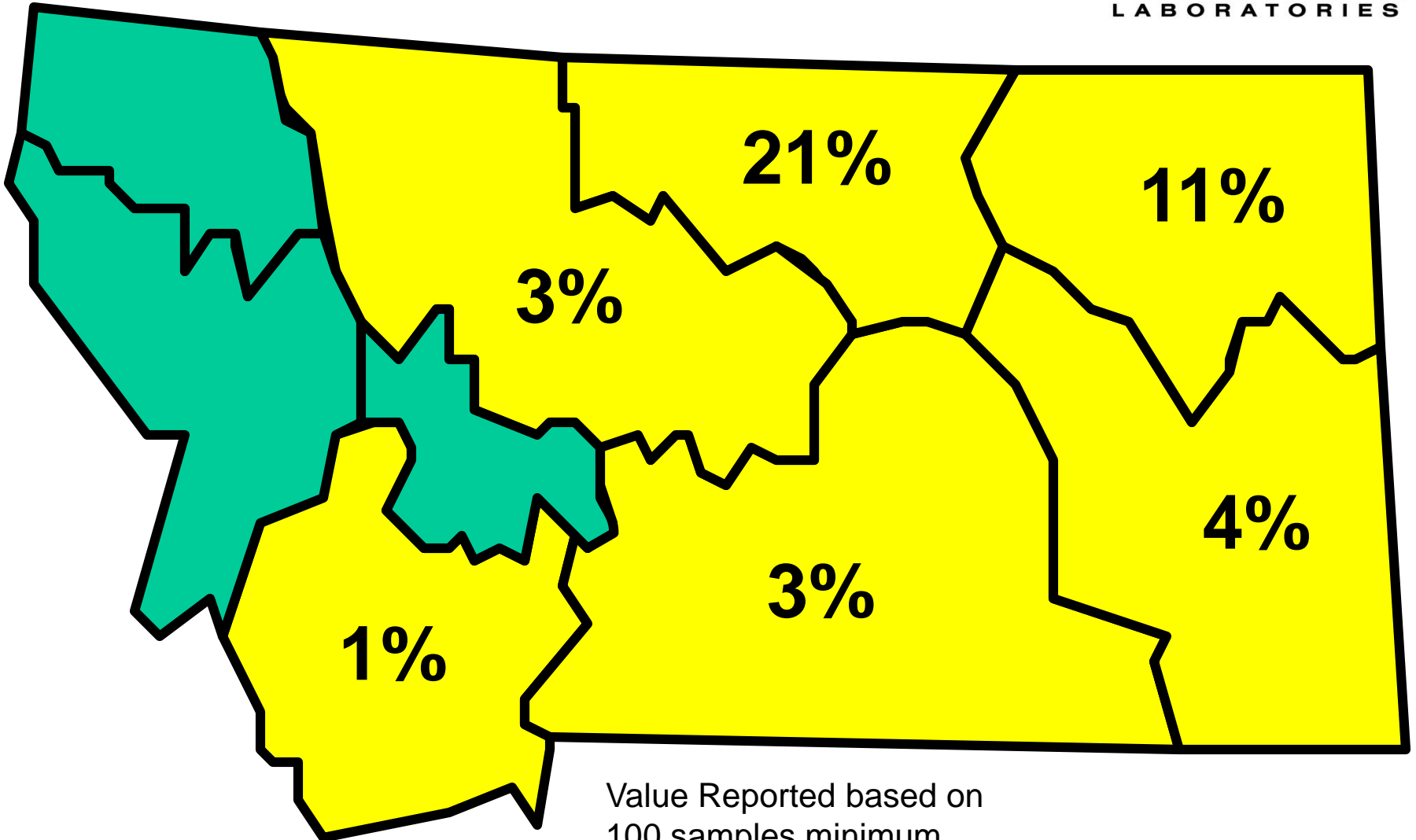


Fall 2017 samples  
(0-6" samples)



# *% Soil Samples with Boron less than 0.4 ppm*

Fall 2017 samples (0-6")

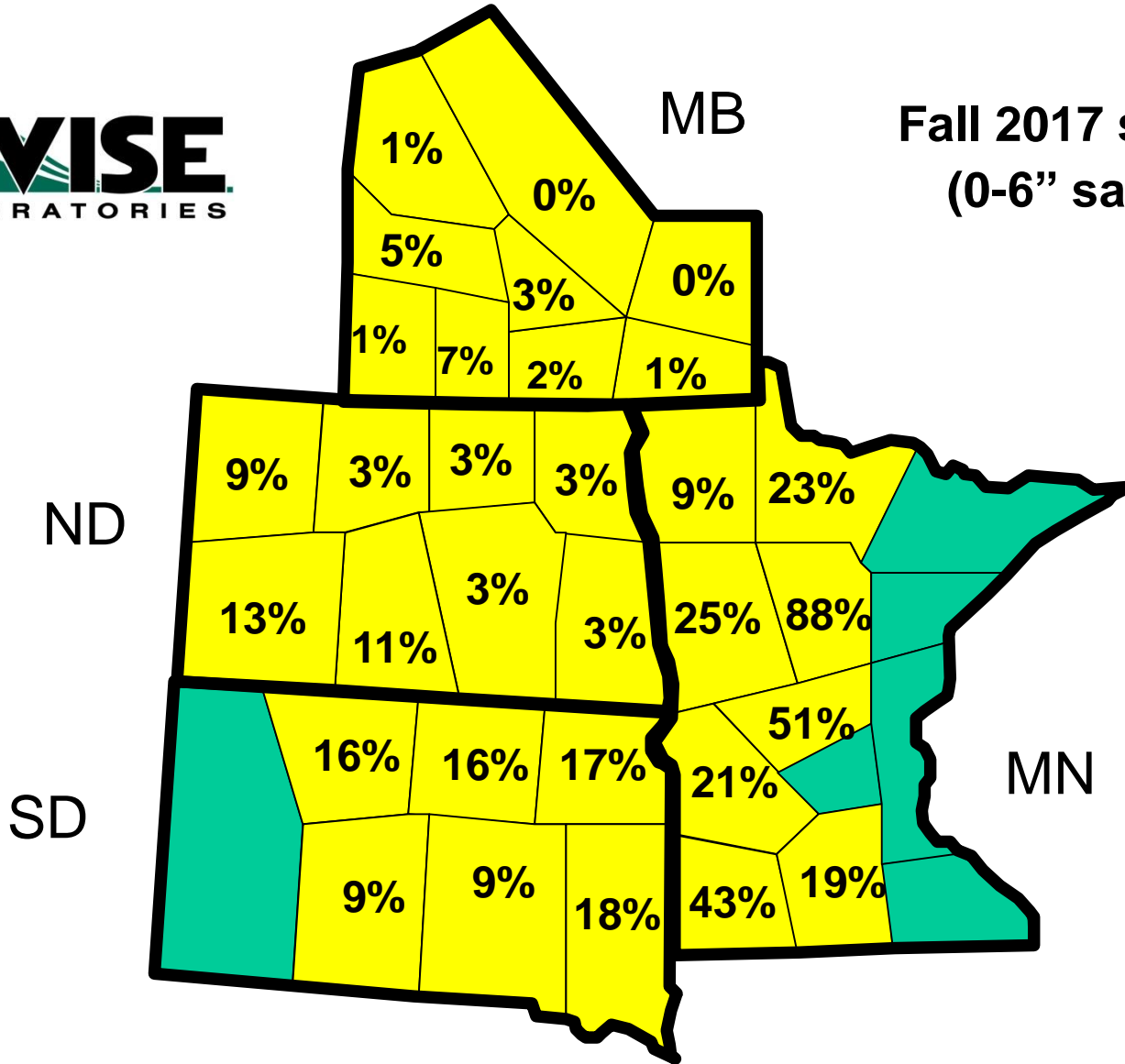


Value Reported based on  
100 samples minimum

# *% Soil Samples with Boron less than 0.4 ppm*

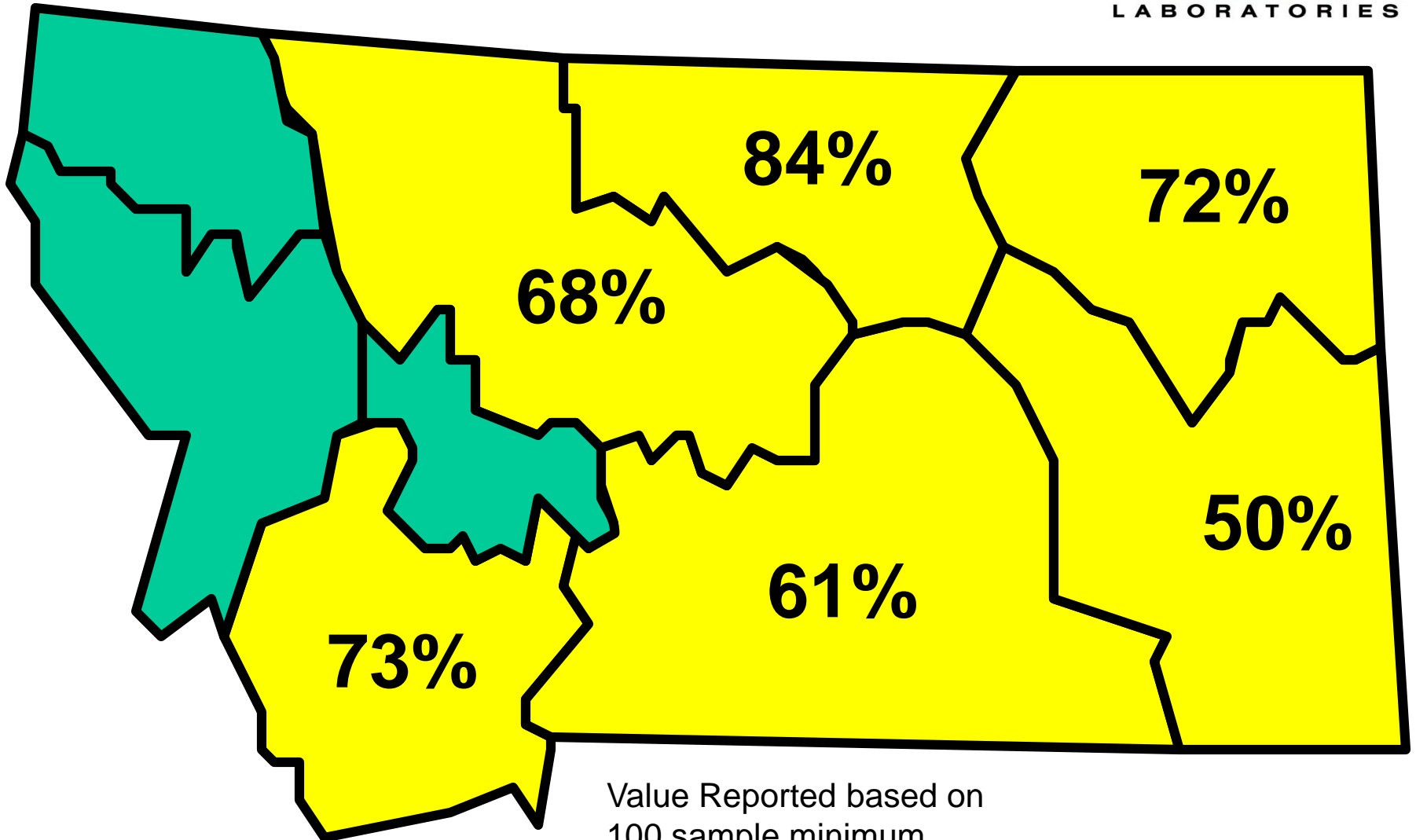


Fall 2017 samples  
(0-6" samples)



# *% Soil Samples with Chloride less than 40 lb/a*

Fall 2017 samples (0-6")

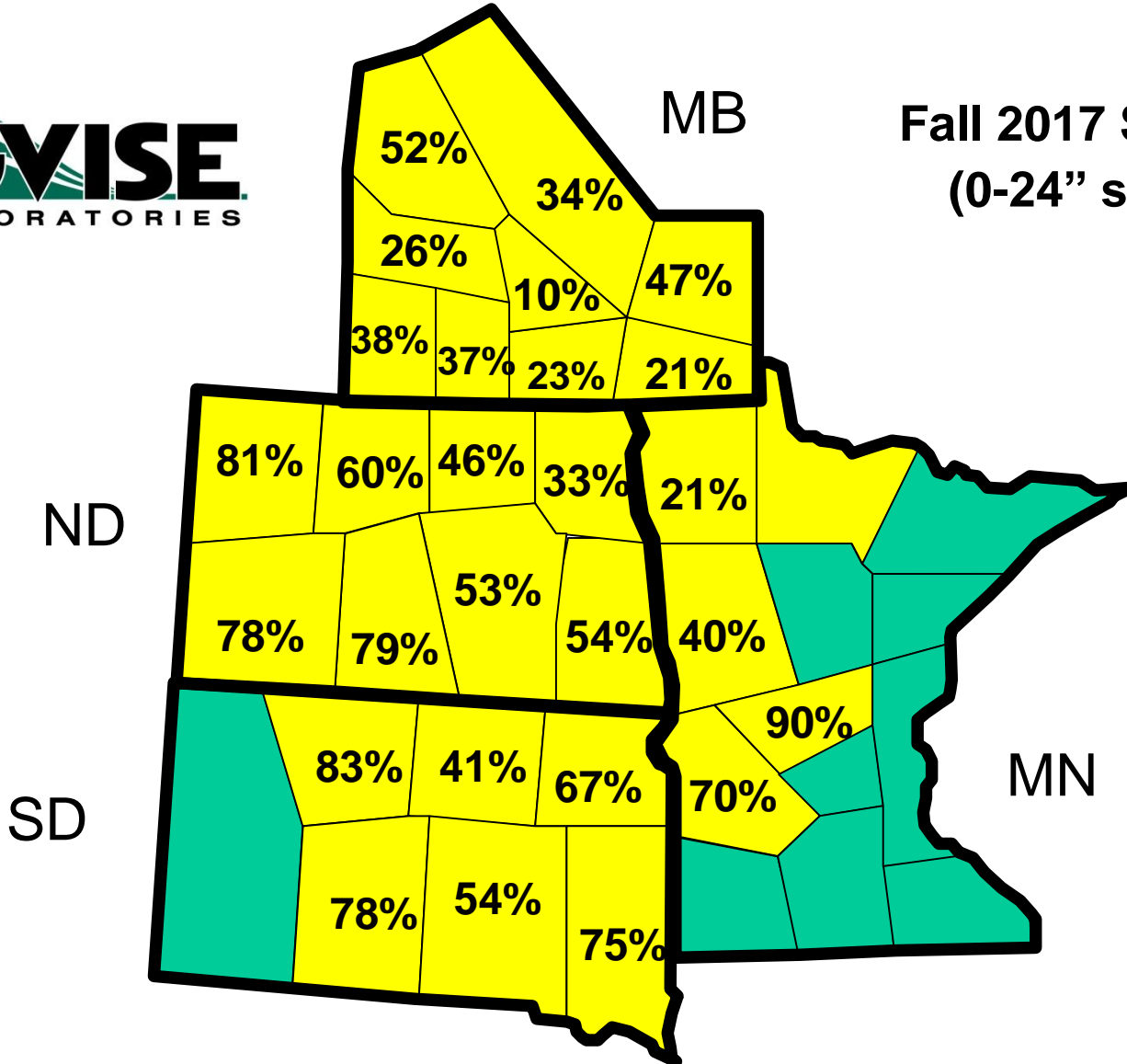


Value Reported based on  
100 sample minimum

# *% Soil Samples with Chloride less than 40 lb/a*

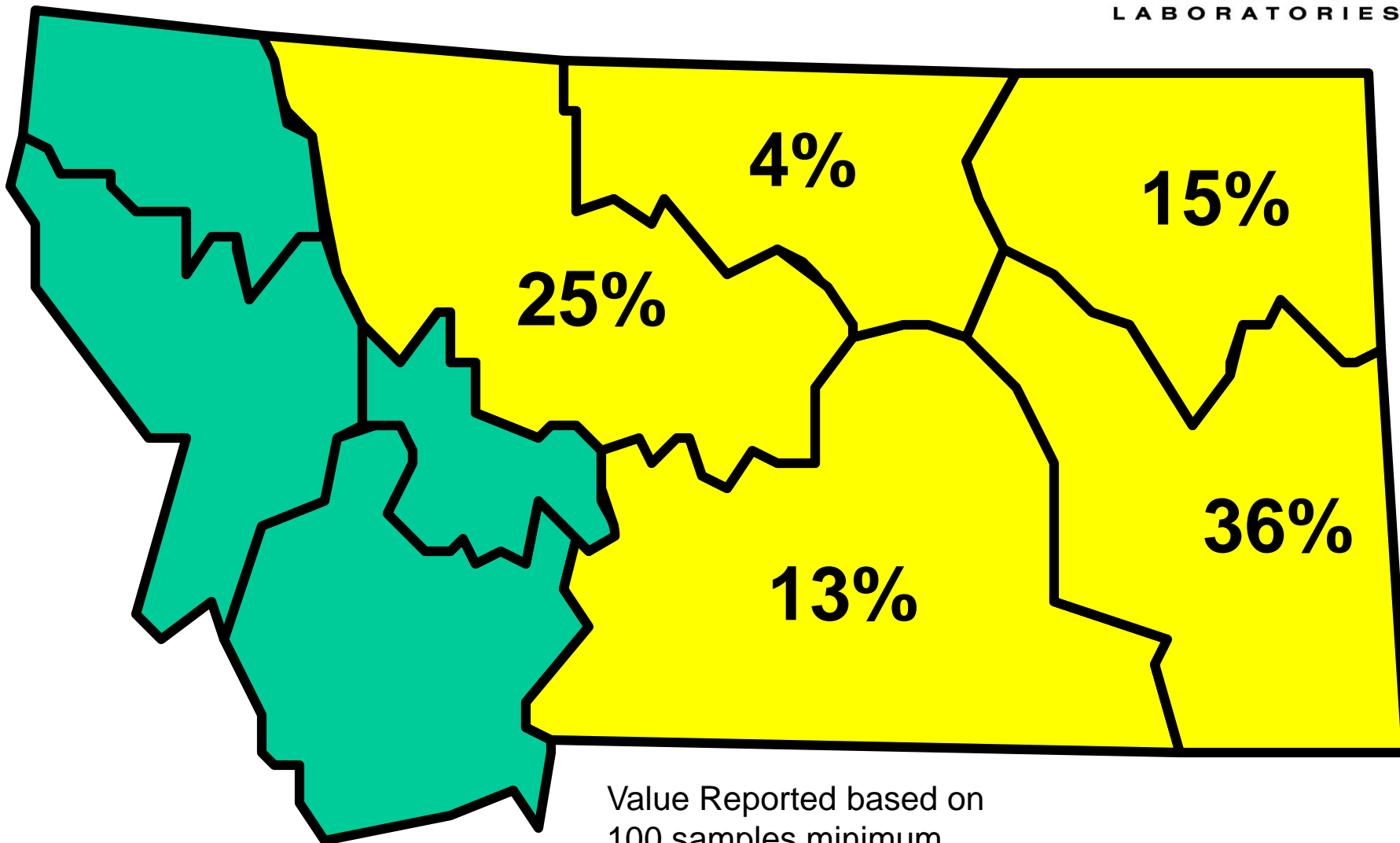


Fall 2017 Samples  
(0-24" samples)



# ***% Soil Samples with Carbonate greater than 5.0%***

Fall 2017 samples (0-6")

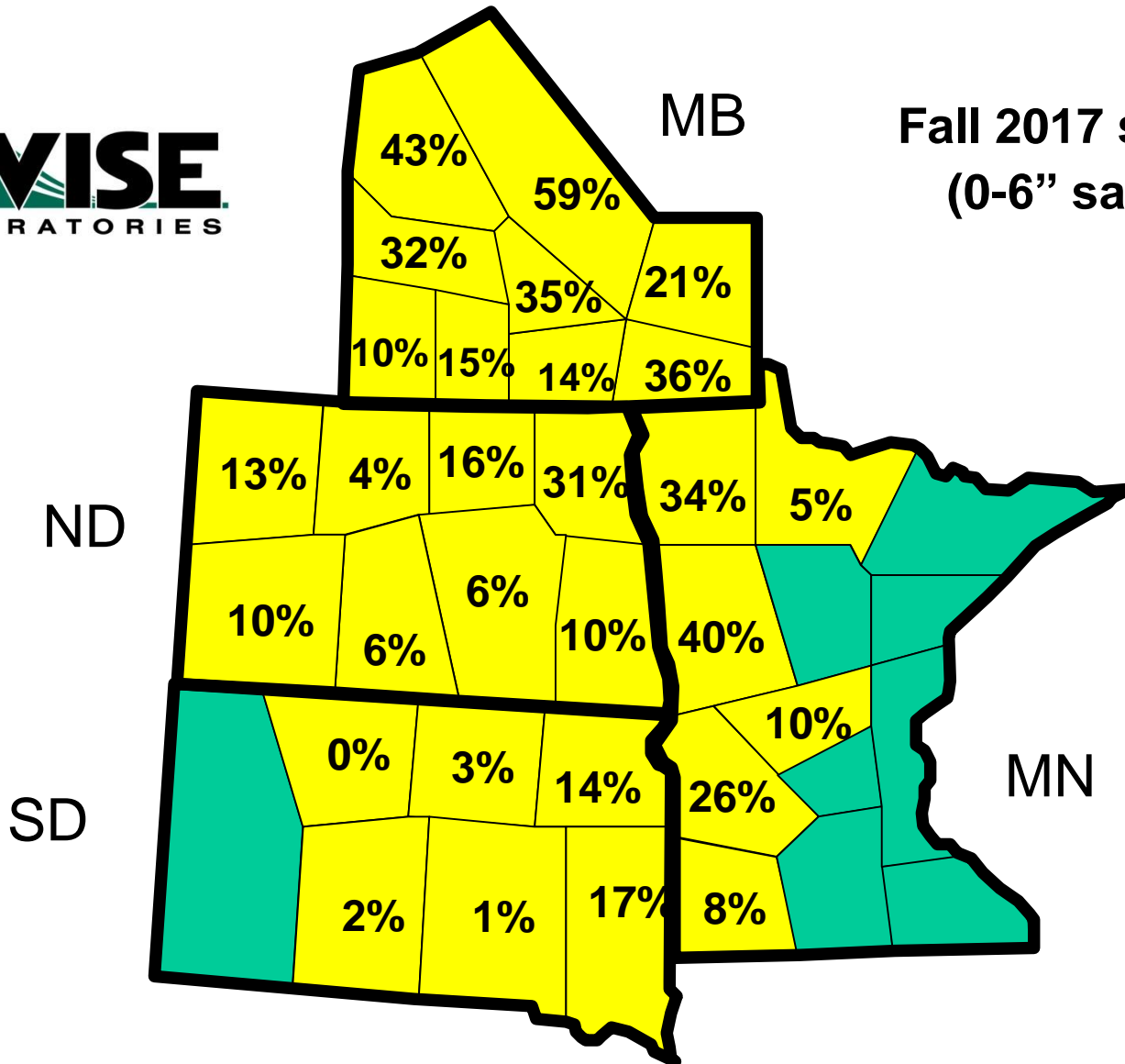


Value Reported based on  
100 samples minimum

# *% Soil Samples with Carbonate greater than 5.0%*



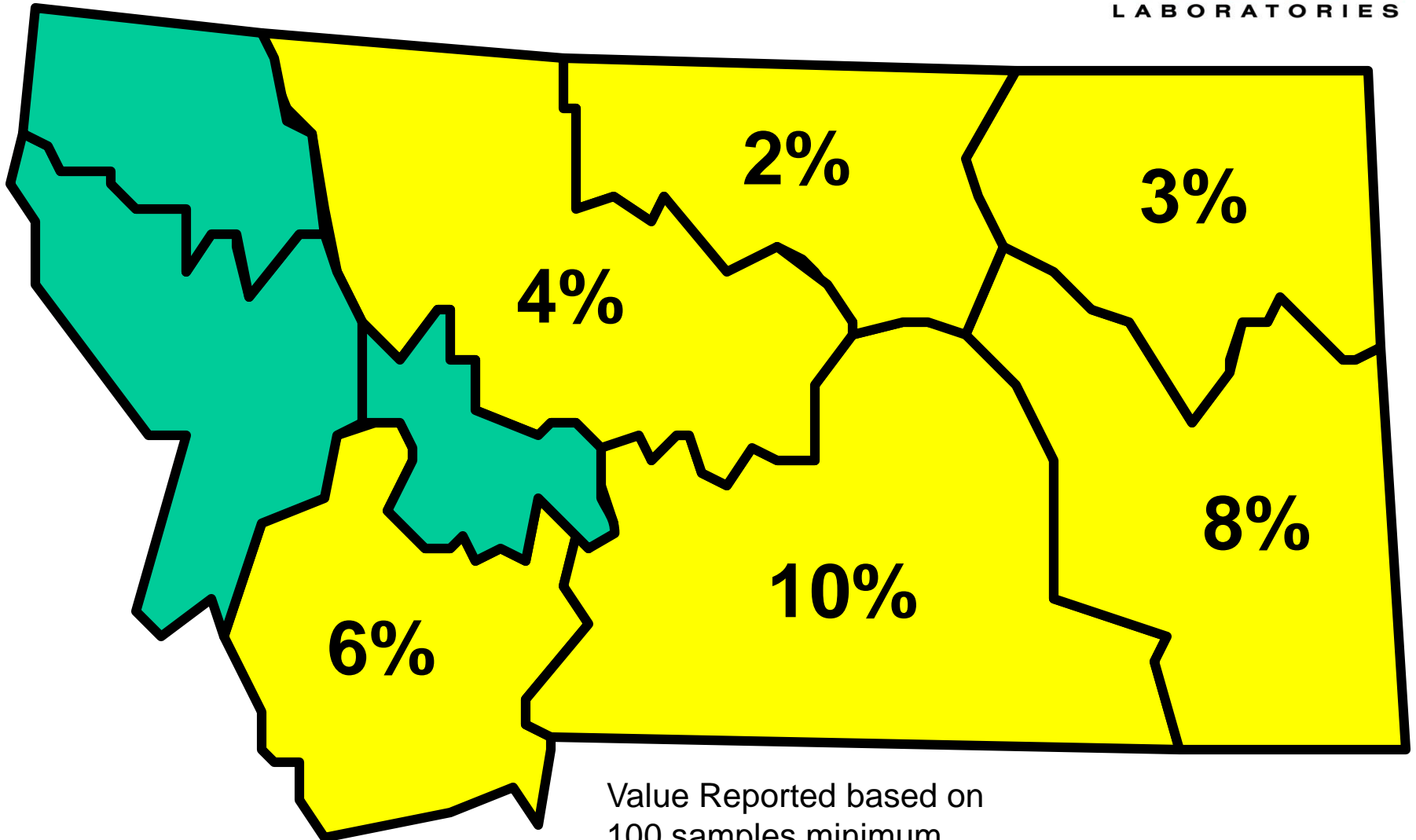
Fall 2017 samples  
(0-6" samples)





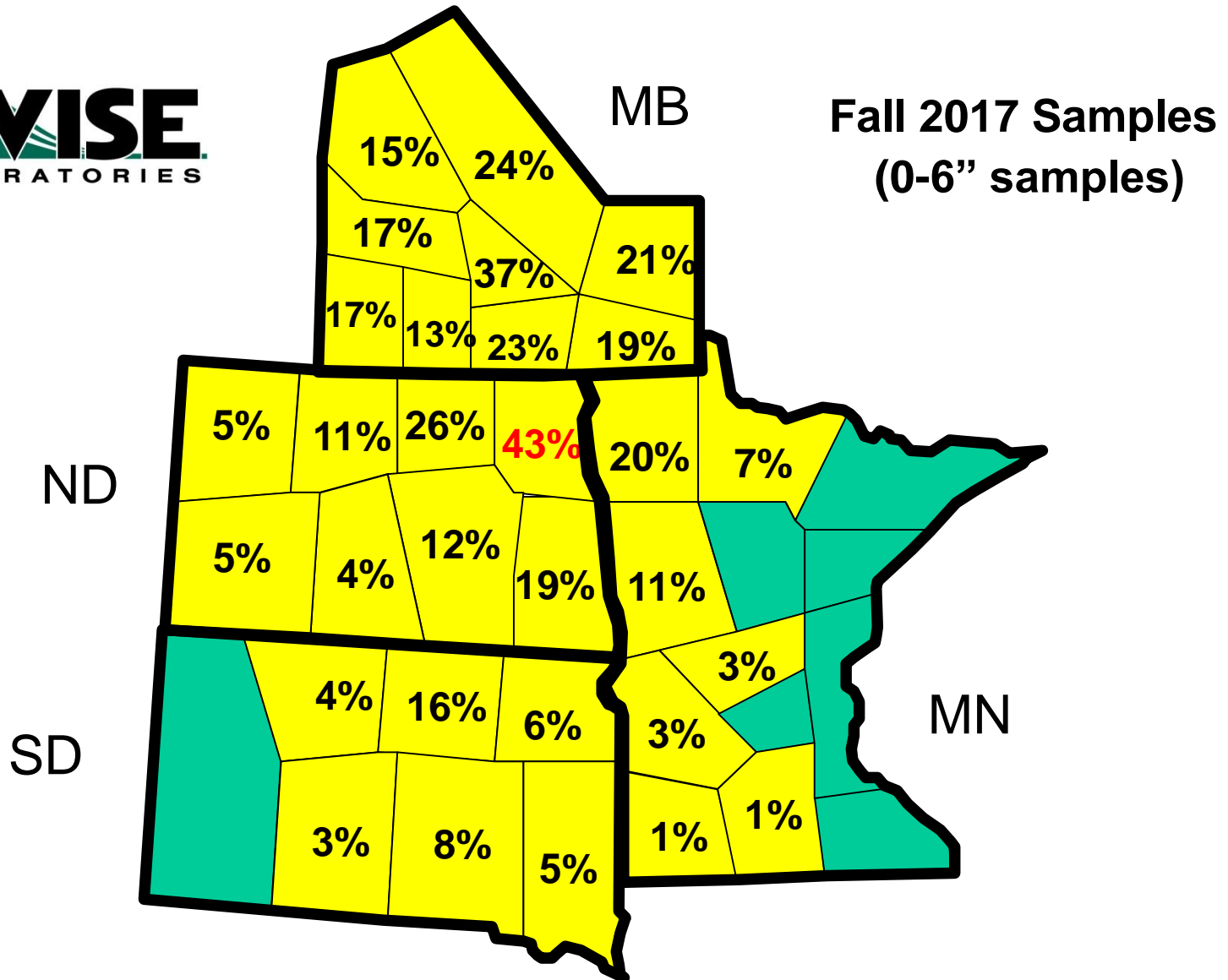
# **% Soil Samples with Salts greater than 1.0 mmhos/cm**

Fall 2017 samples (0-6")



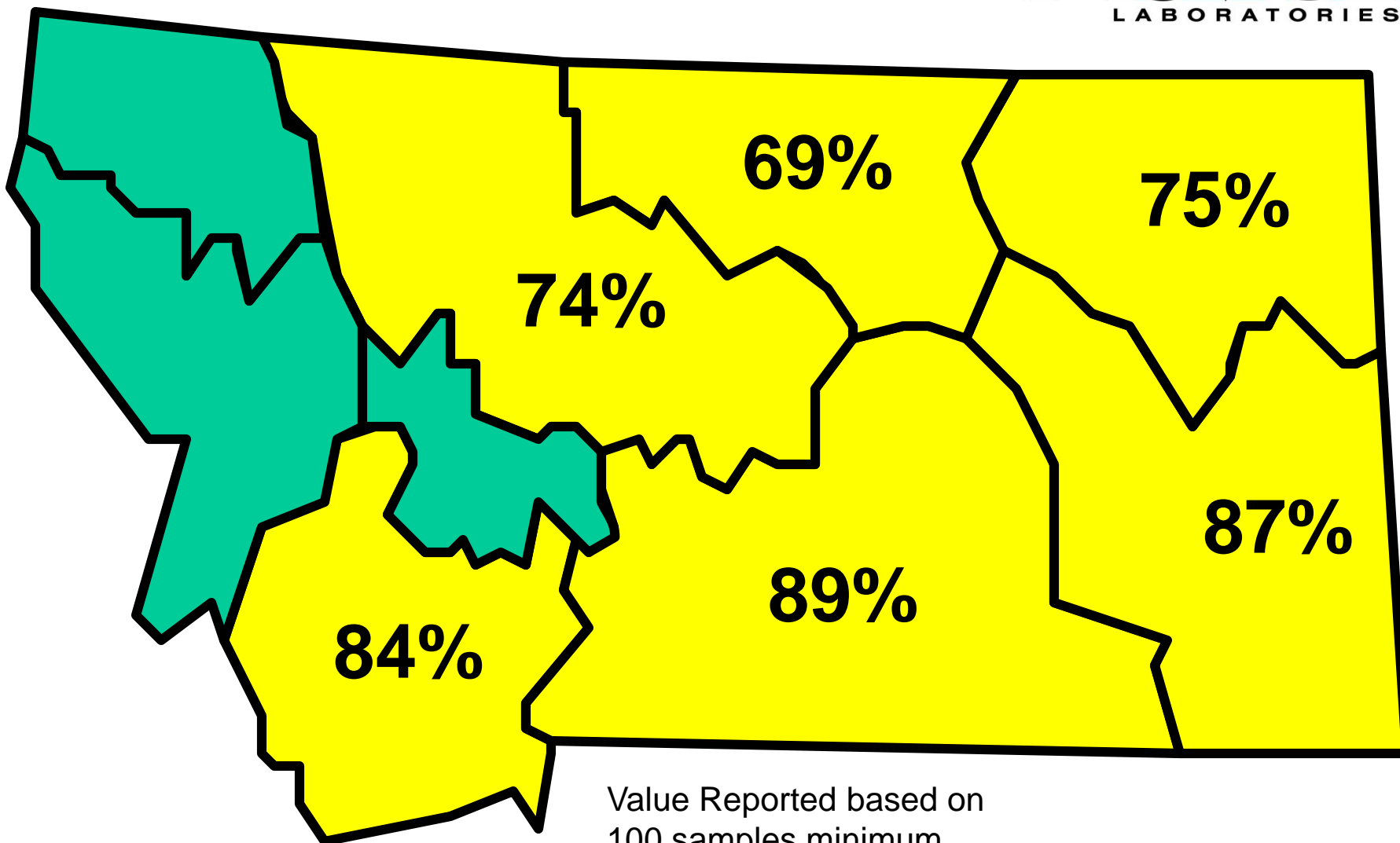
Value Reported based on 100 samples minimum

# *% Soil Samples with Salts greater than 1.0*



# ***% Soil Samples with soil pH greater than 7.3***

Fall 2017 samples (0-6")

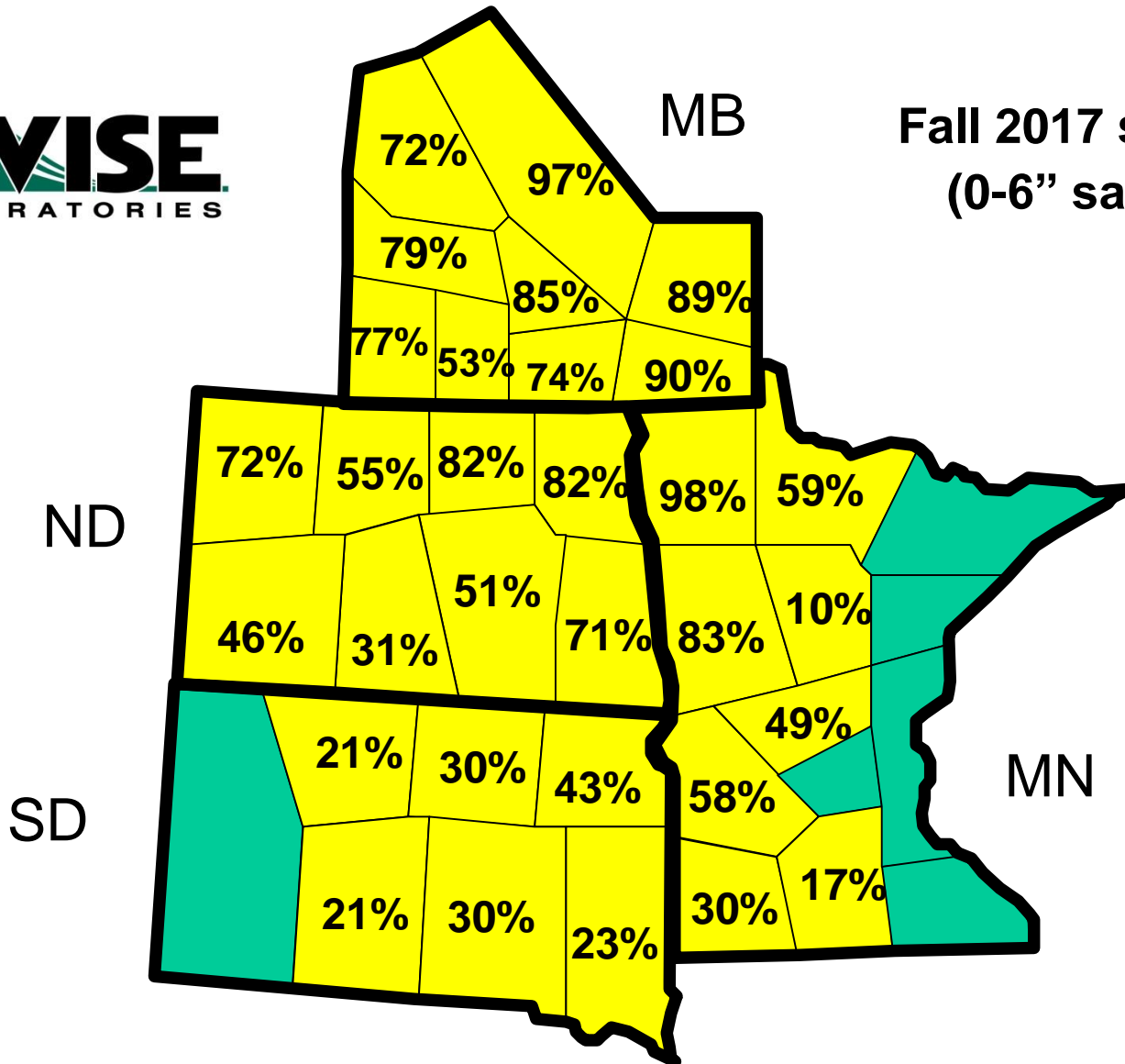


Value Reported based on 100 samples minimum

# *% Soil Samples with Soil pH greater than 7.3*

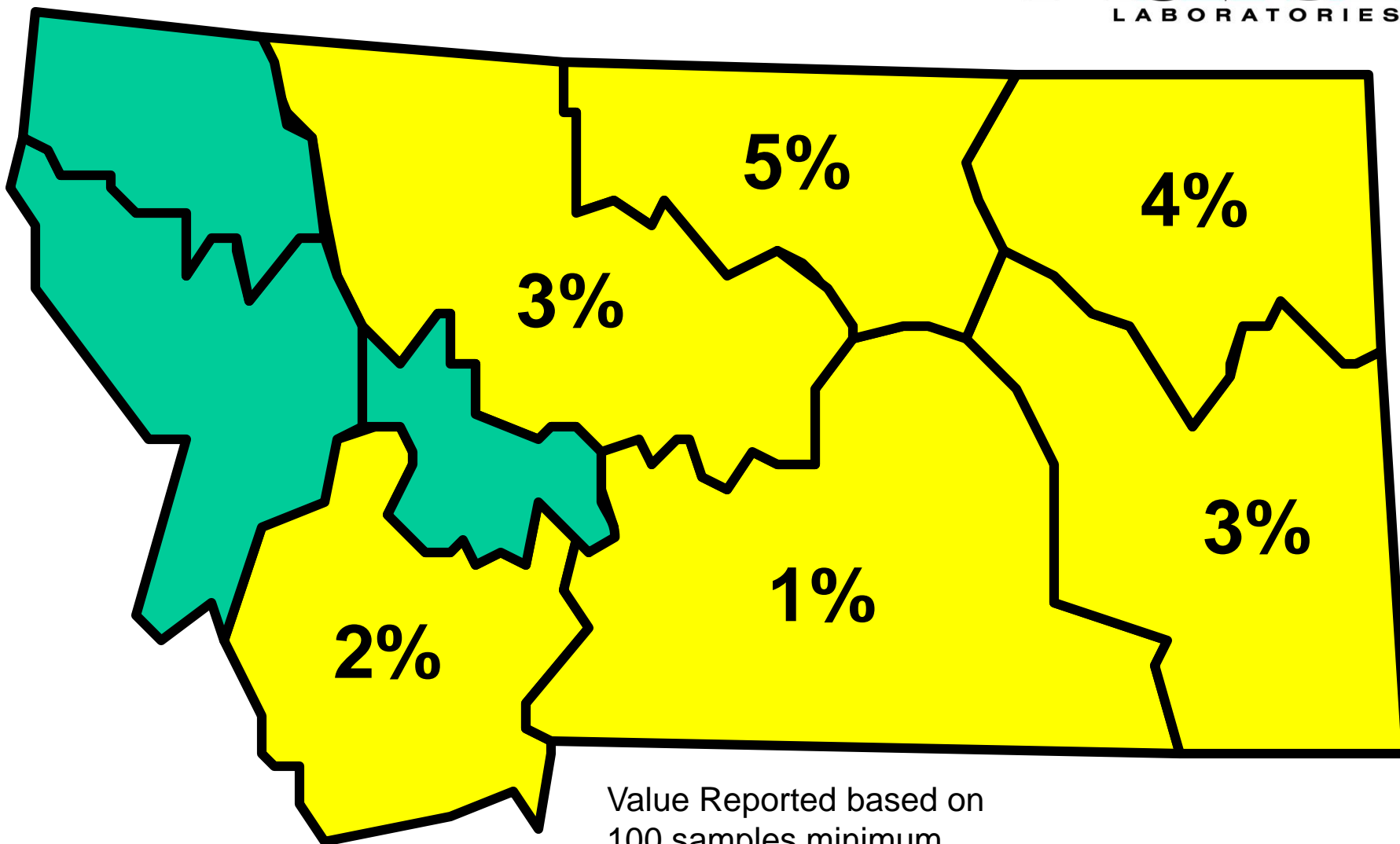


Fall 2017 samples  
(0-6" samples)



# *% Soil Samples with soil pH less than 6.0*

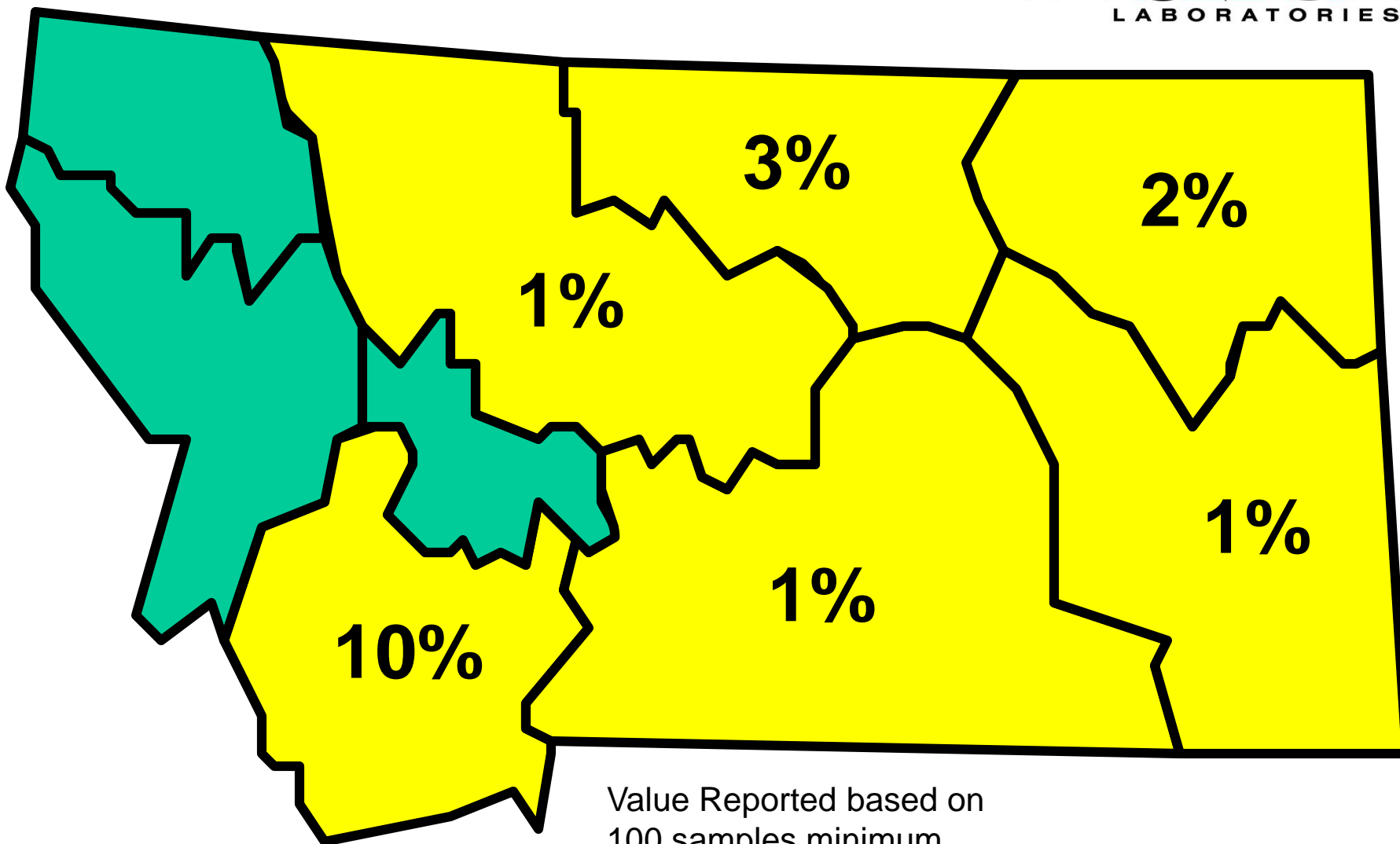
Fall 2017 samples (0-6")



Value Reported based on 100 samples minimum

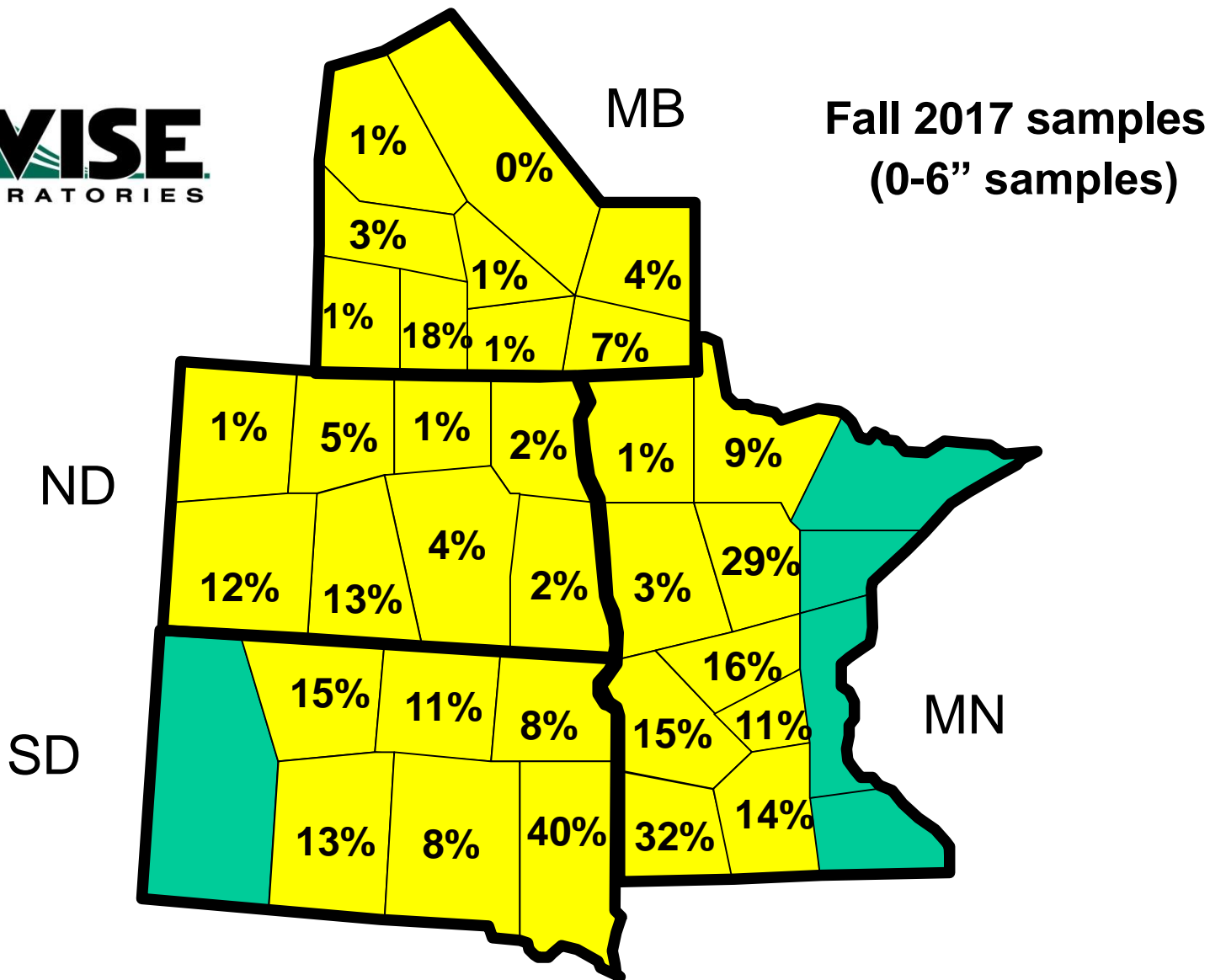
# **% Soil Samples with Subsoil pH less than 7.0**

Fall 2017 samples (0-6")



Value Reported based on  
100 samples minimum

# *% Soil Samples with Soil pH less than 6.0*



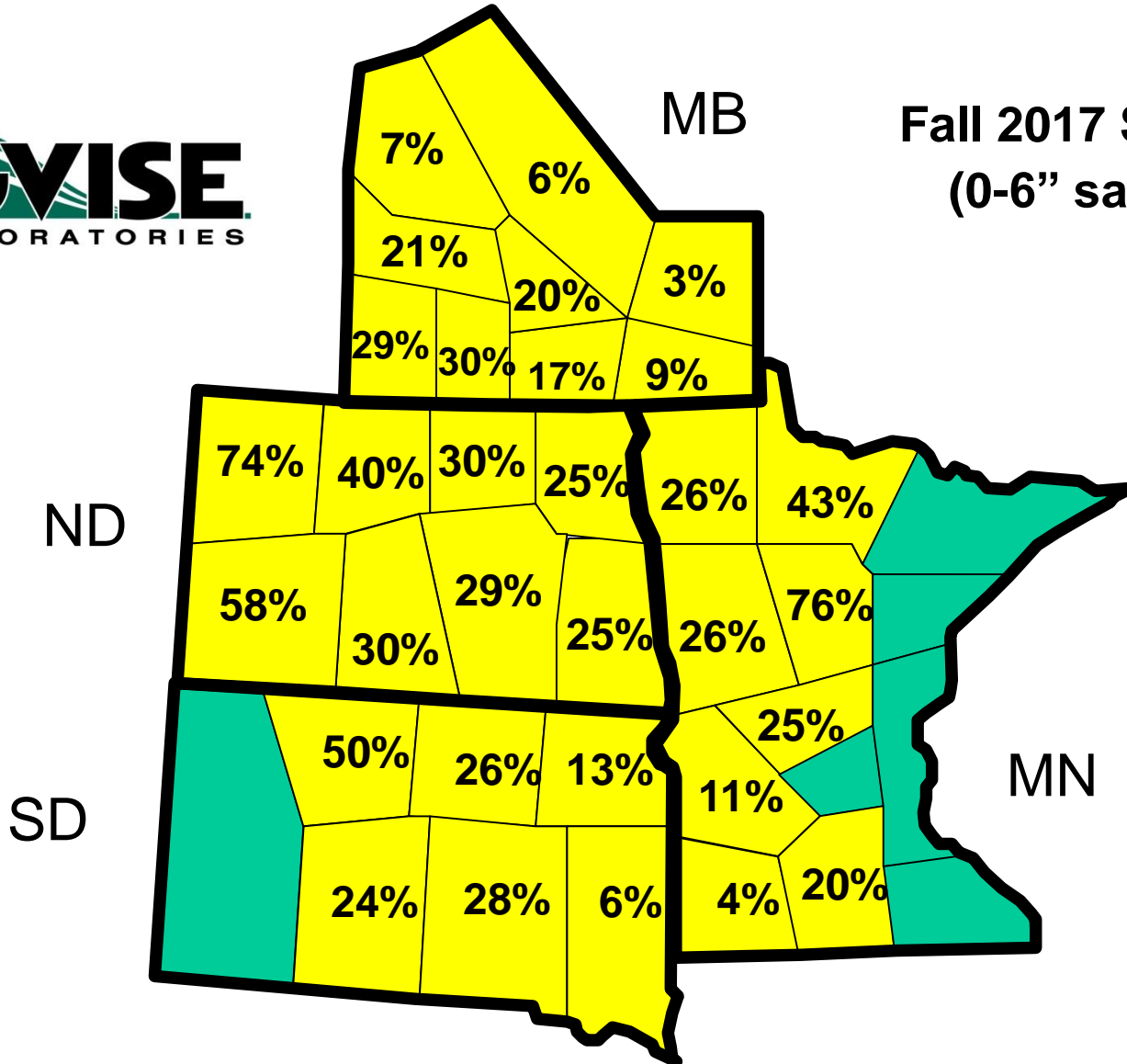




# *% Soil Samples with %OM less than 3.0%*



Fall 2017 Samples  
(0-6" samples)



# *Zip codes for Montana*

