MISSOURI
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NATURAL RESOURCES

Drinking Water Non-compliance

Lance Dorsey

Public Drinking Water Branch

Water Protection Program

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Background

- Safe Drinking Water Act
- Missouri Safe Drinking Water Law
- 640.100 – 640.140, RSMo
- 10 CSR 60 Chapters 1 - 16

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Background

Public Water System:

15 or more connections OR serving an average of 25 people per day, 60 or more days of the year.

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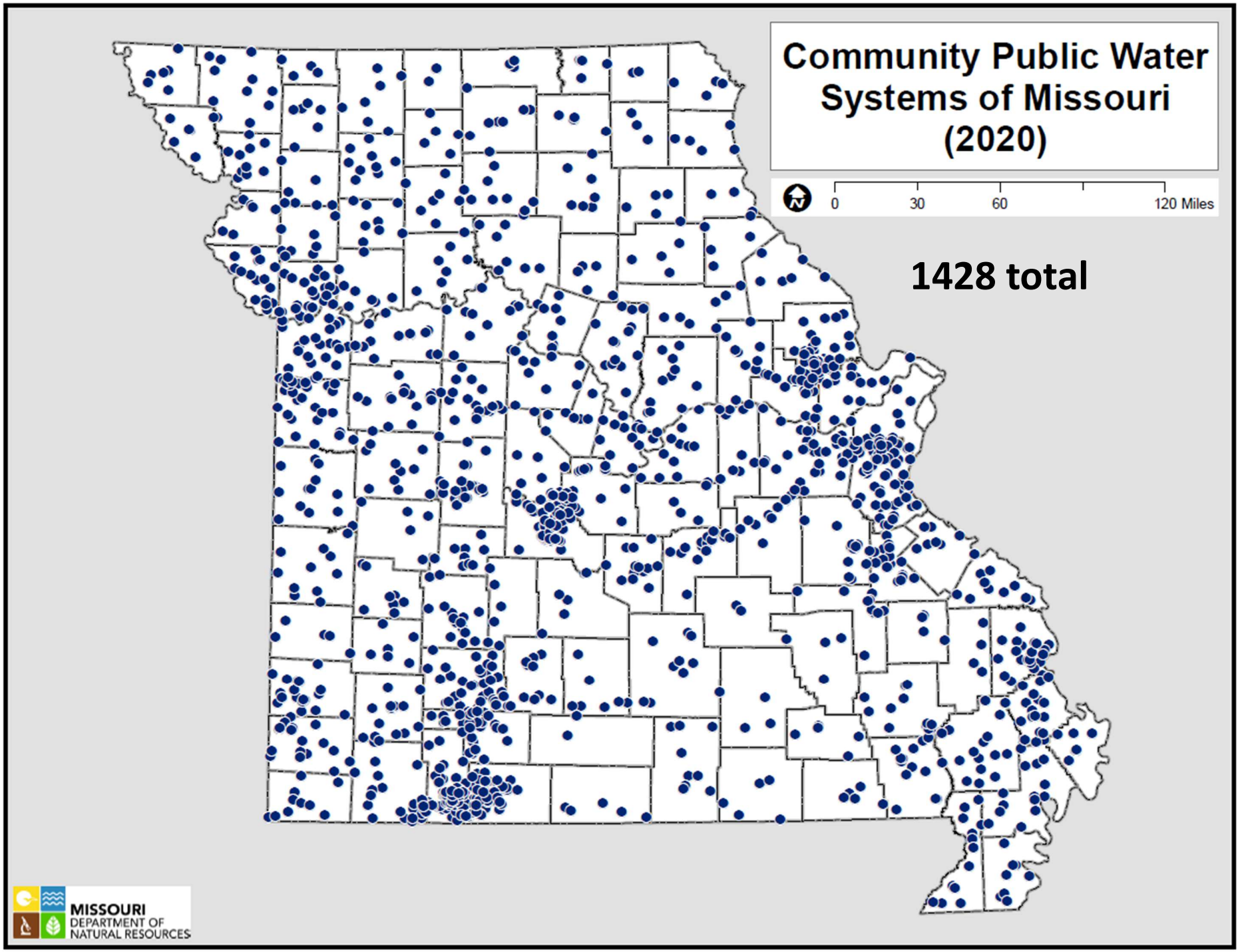
2740 Public Water Systems

- 1428 Community
- 219 Nontransient Noncommunity
- 1093 Transient Noncommunity


Community Public Water Systems of Missouri (2020)
0
30
60
120 Miles
1428 total
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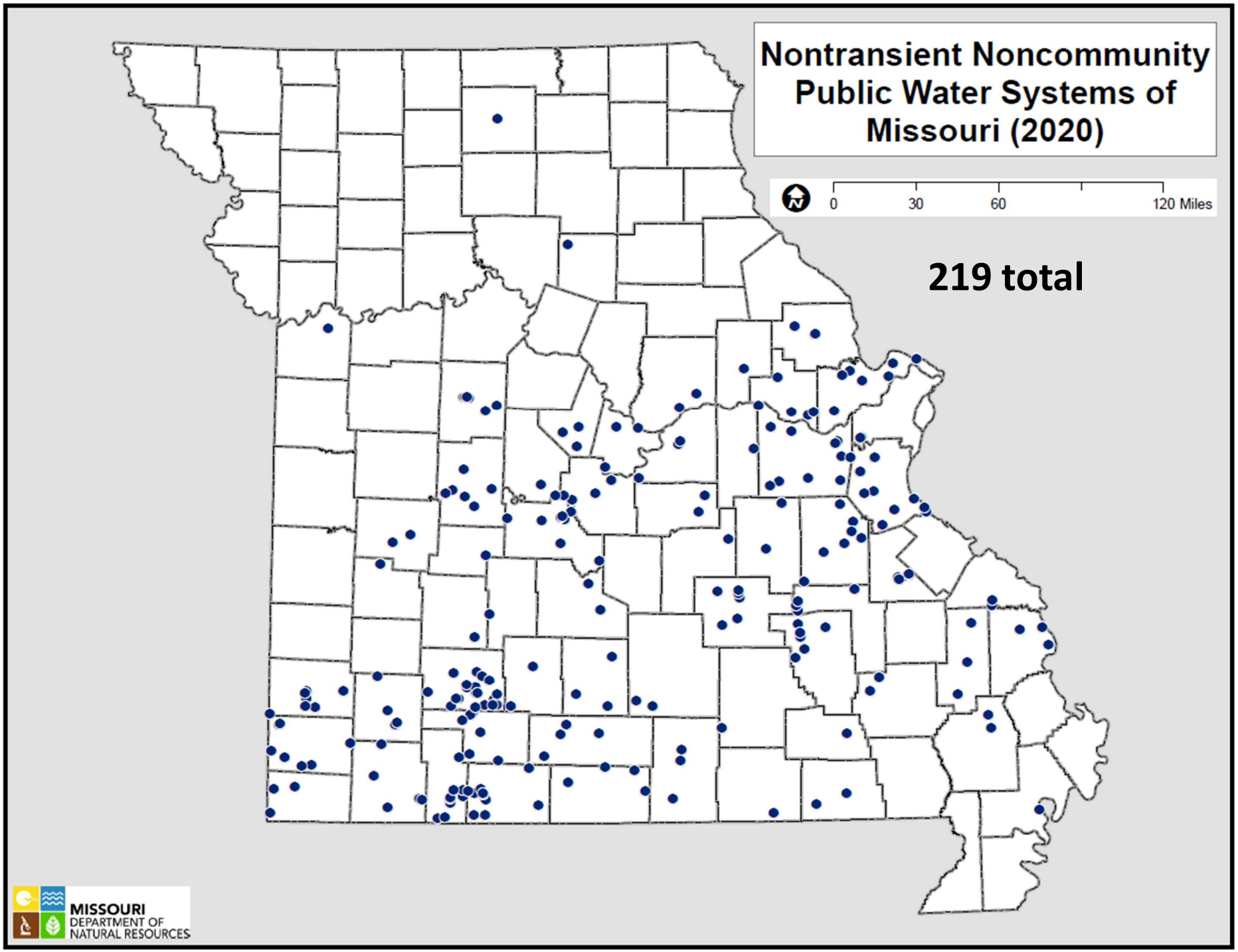
Nontransient Noncommunity Public Water Systems of Missouri (2020)
0
30
60
120 Miles
219 total
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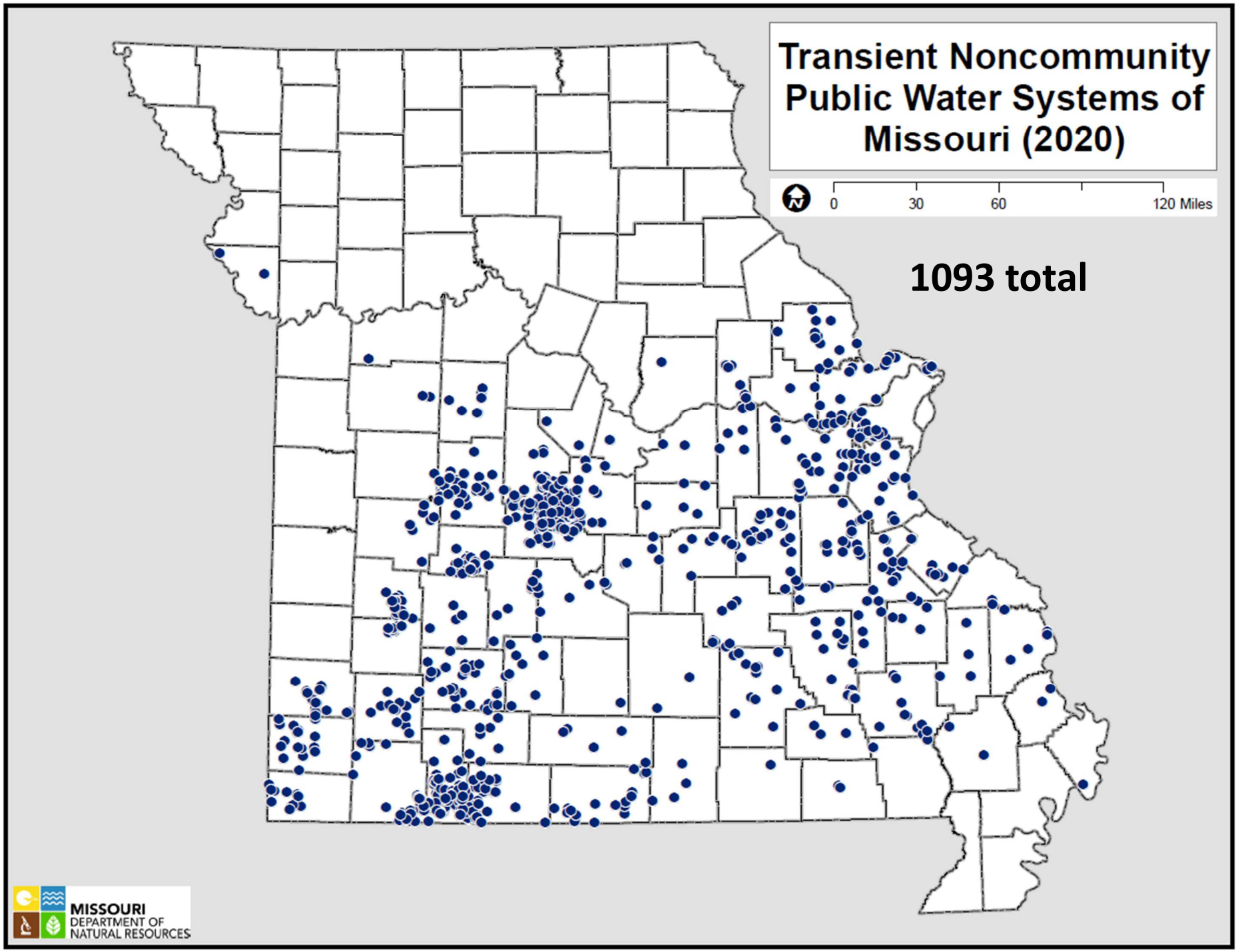
Transient Noncommunity Public Water Systems of Missouri (2020)
0
30
60
120 Miles
1093 total
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Compliance Assistance

- Beginning to end sampling assistance
  - ✓ Sample schedules
  - ✓ Bottles & kits
  - ✓ Courier service
  - ✓ Analysis

- Create and host the Consumer Confidence Reports (CCR)

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Compliance Assistance

- Public Notice assistance
- TMF assistance

- Loans & grants through DWSRF
  - ✓ Administrative compliance assistance

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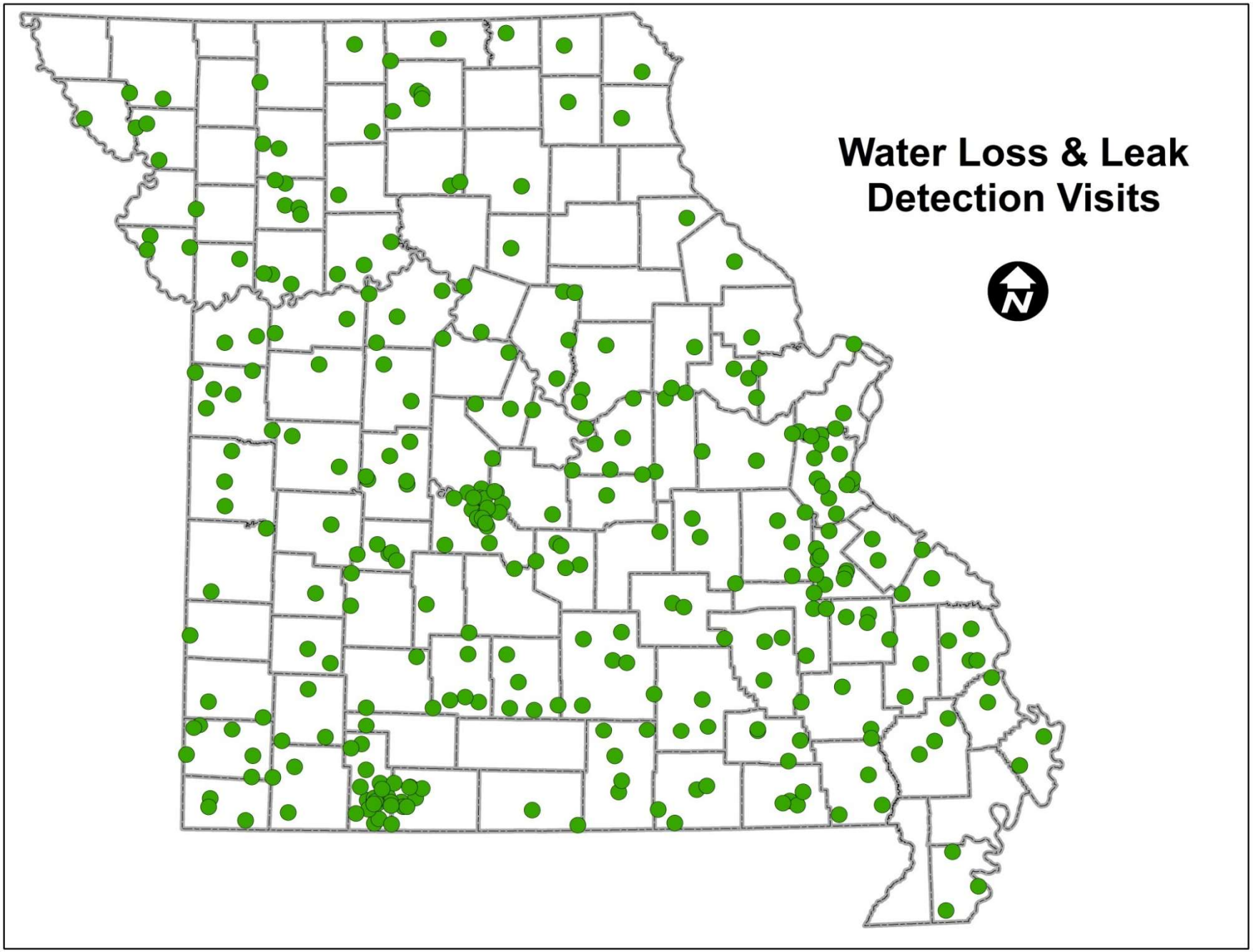
Compliance Assistance

- Engineering assistance
- Operational evaluation level (OEL) reports

- Technical assistance through MRWA
  - ✓ Circuit riders
  - ✓ Water loss & leak detection
  - ✓ Rate studies & administrative assistance


Water Loss & Leak
Detection Visits
N

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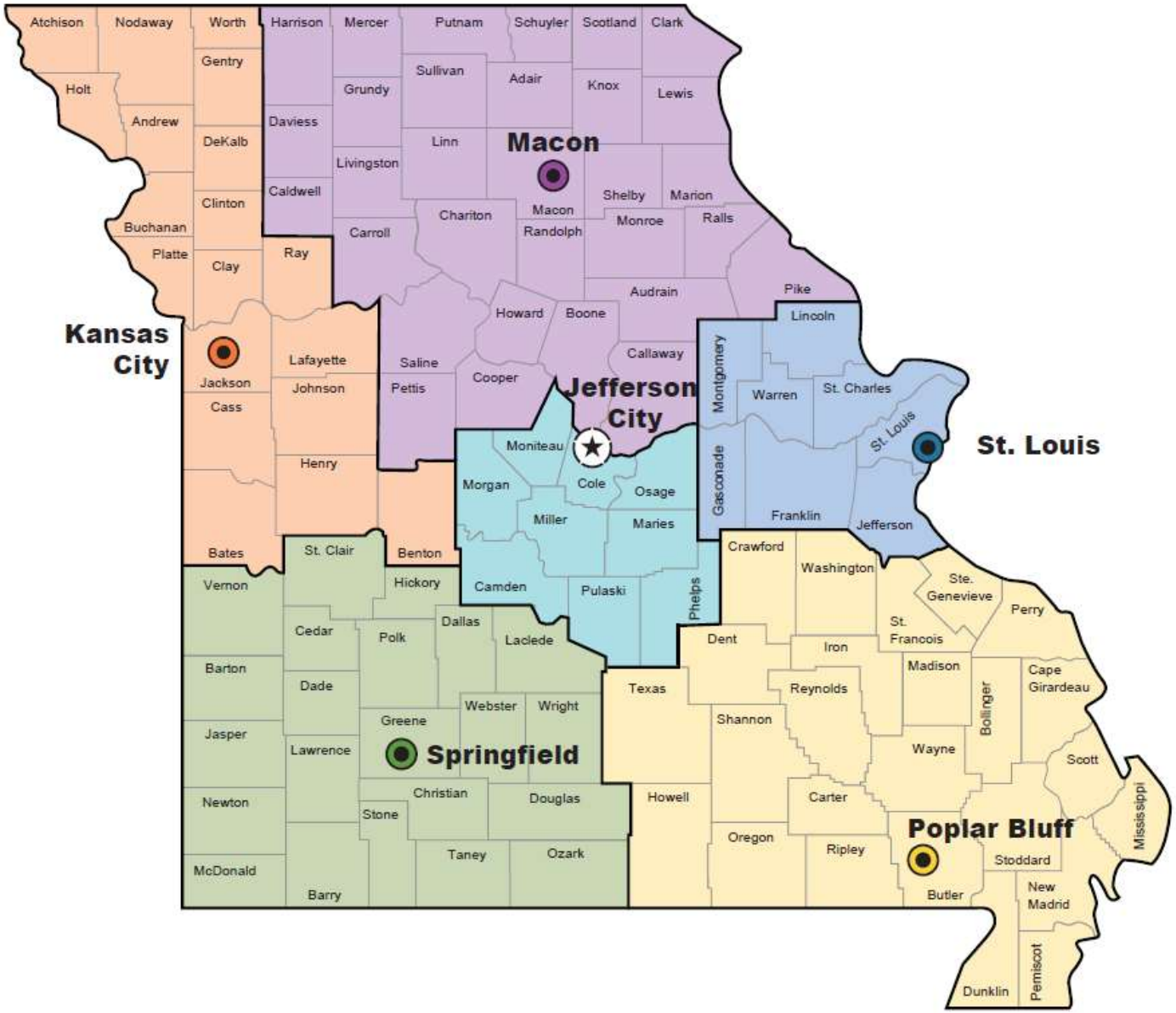

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Public Drinking Water

- National standards
  - ✓ Public health
  - ✓ Limits are not in the permit
  - ✓ Monitoring periods (daily to 9 years)
  - ✓ Limits the same for every community system (15 unit mobile home park to the City of Kansas City)

- National Compliance Initiative
  - ✓ PWS in compliance with Health Based Standards

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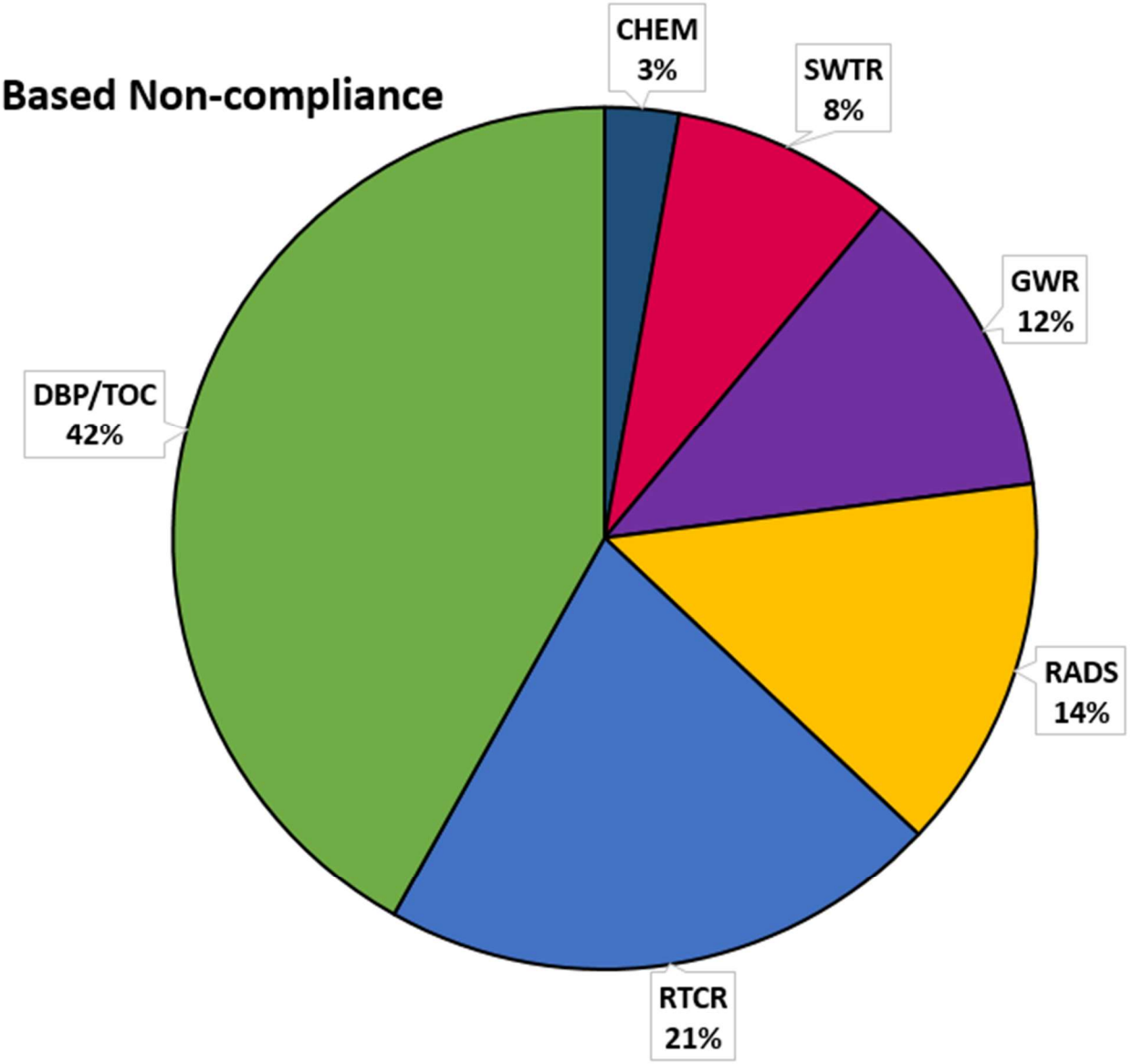
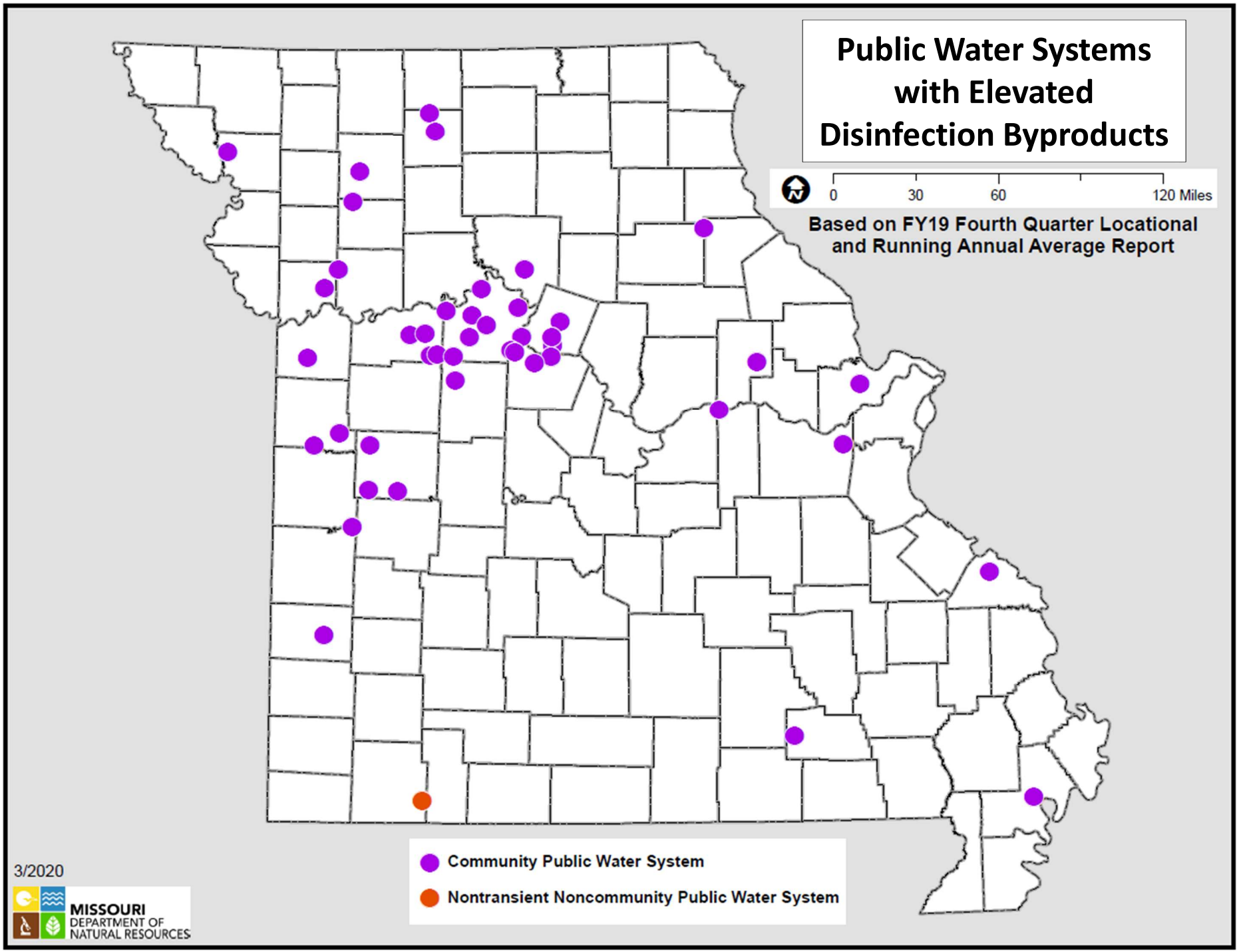
Health Based Non-compliance




Public Water Systems with Elevated Disinfection Byproducts
0
30
60
120 Miles
Based on FY19 Fourth Quarter Locational and Running Annual Average Report
Community Public Water System
Nontransient Noncommunity Public Water System
3/2020
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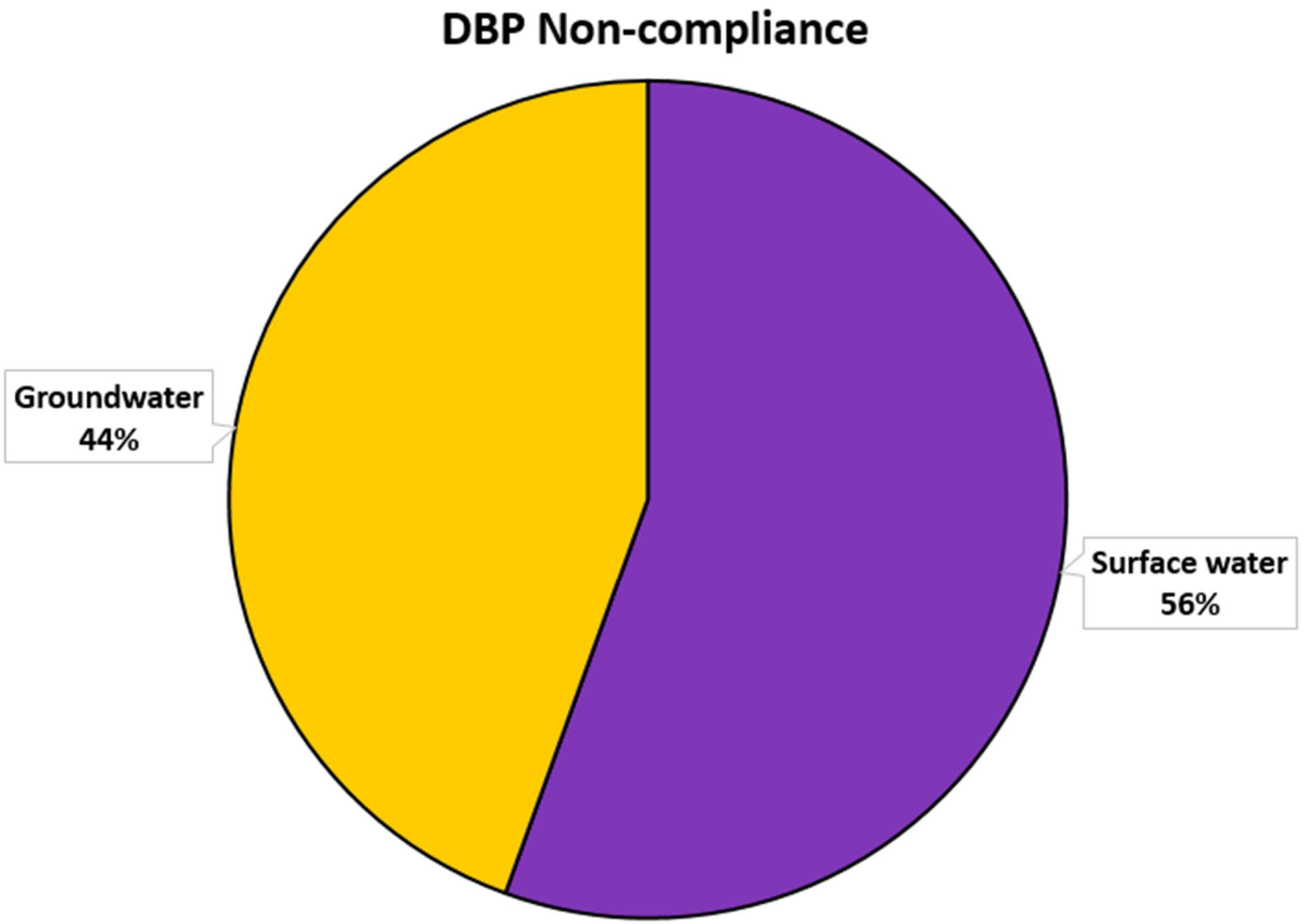

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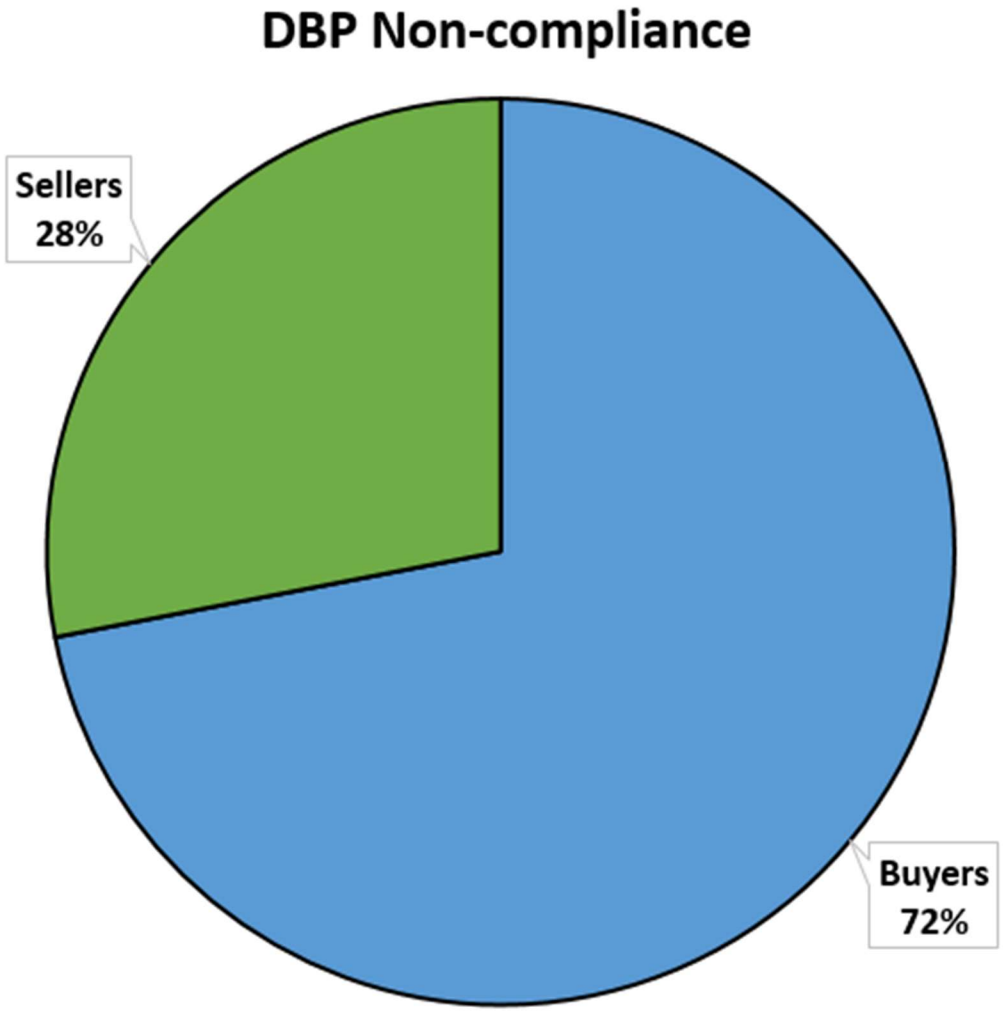

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Questions?