



## Wisconsin's Longitudinal Data System Sample Queries for MDAT

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### MDAT General Guiding Questions:

- Are local populations of interest performing better than similar populations at the state level? What are possible explanations for differences in performance?
- Do MDAT change scores provide some evidence for the success of school/district strategies? Were these school/district strategies focused on improving the same knowledge and skills as are measured by WKCE during the November to November time period between the WKCE tests?
- Is there evidence that strategies were more successful for some students or student groups than other groups? If so, what are some possible explanations?

### Specific sample queries:

- What is the performance of ELL students by ACCESS level in Reading and Math?
- What is the performance of Students with Disabilities for both boys and girls in reading or math in grades [\_\_]?
- What is the performance of males identified as EBD in all grades in reading and math enrolled for FAY?
- What is the one-year change in WKCE scale scores in reading for students with disabilities in the district who were disciplined with an out-of-school suspension or expulsion during the year?
  - What is the one-year change in WKCE scale scores in mathematics for the same group?
- What was the change in performance for economically disadvantaged vs. non-economically disadvantaged students in grade [\_\_] in reading or math? (Tiers One, Two, and Four only)
  - What was the change in performance for economically disadvantaged vs. non-economically disadvantaged students in grade [\_\_] that were enrolled FAY in reading or math?
- What achievement gaps exist in grade six reading performance?
- How did fifth grade students with disabilities perform in mathematics?
  - How do these scores compare to prior years?