

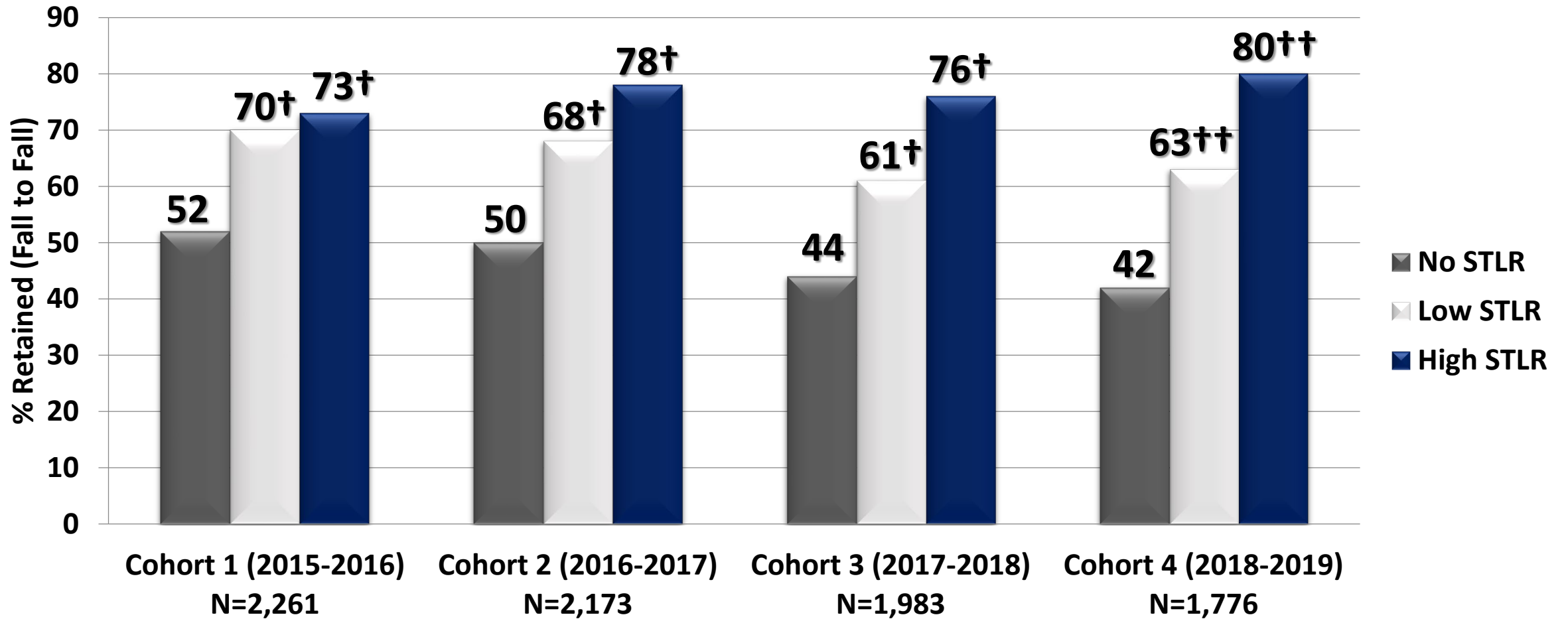
STLR Impact

2019 Q3 Report to the President's Cabinet

Jeff King, EdD | STLR Grant Project Director

November 19, 2019

UCO Retention by STLR Engagement* First-Time, Full-Time Freshman

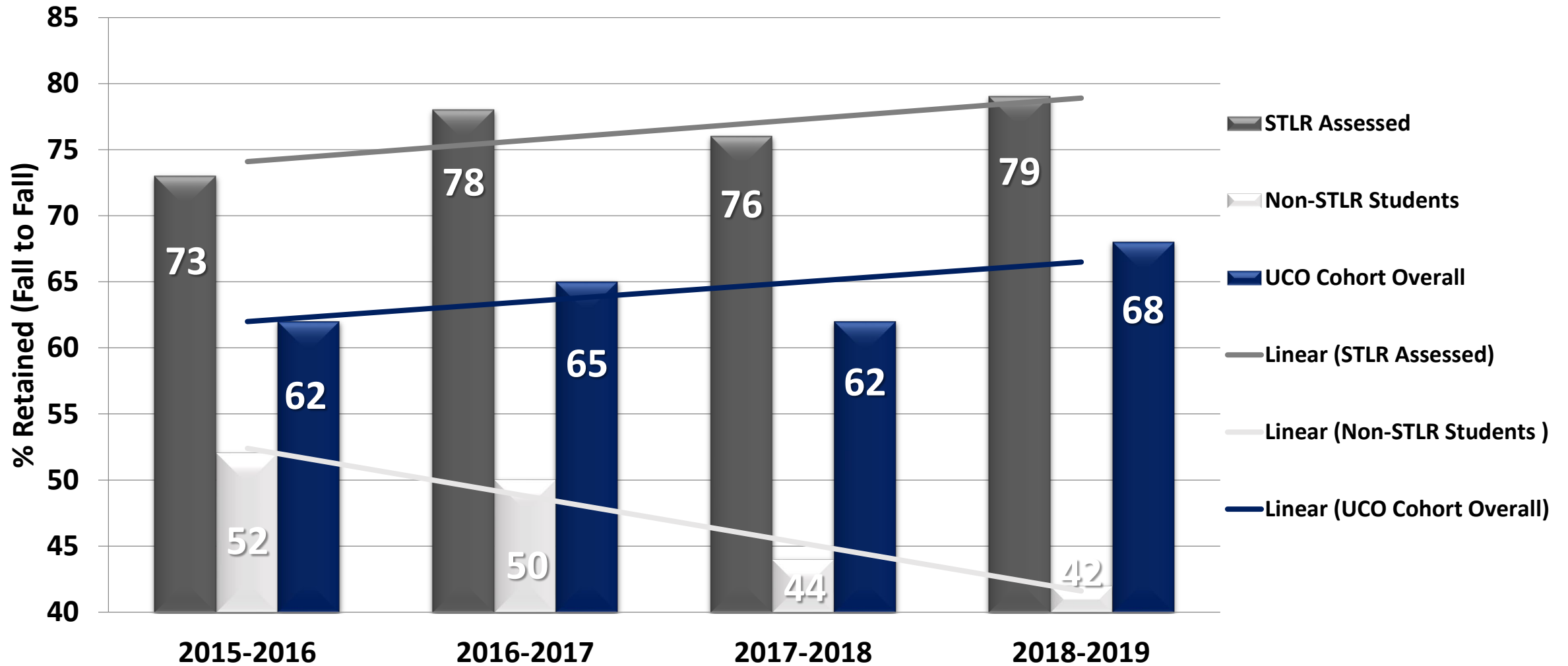


† Results are statistically significant at $p < .001$ | † † indicates High to Low STLR difference also significant

*Includes confidence intervals at 95%.

**Priority Population Definition: Low socio-economic status, first generation, underrepresented minorities. "Low STLR": Engaged only through attending STLR-tagged events and automatically assigned lowest level of achievement ("exposure"); "High STLR": Created a learning artifact assessed using STLR rubrics.

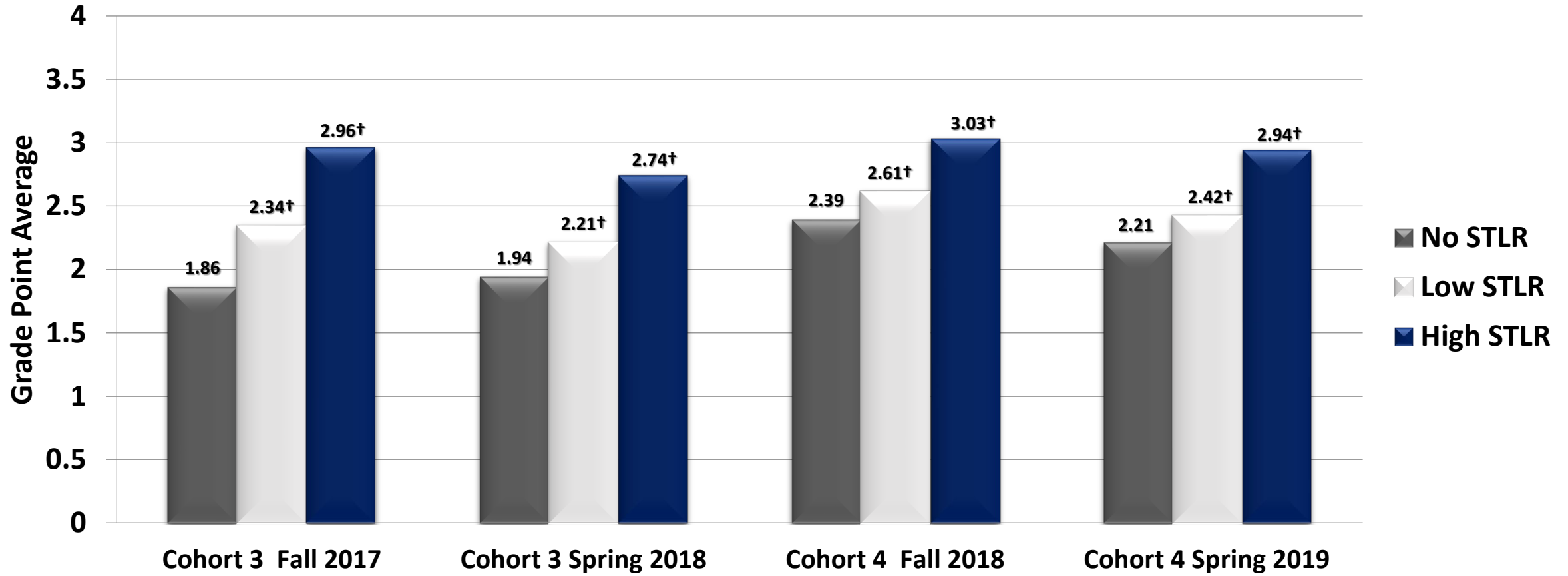
Overall STLR – UCO Retention Trends First-Time, Full-Time Freshman



Semester GPA* by STLR Engagement

Title III Priority Population** First-Time, Full-Time Freshman

N = Cohort 3 (1,387) Cohort 4 (920)

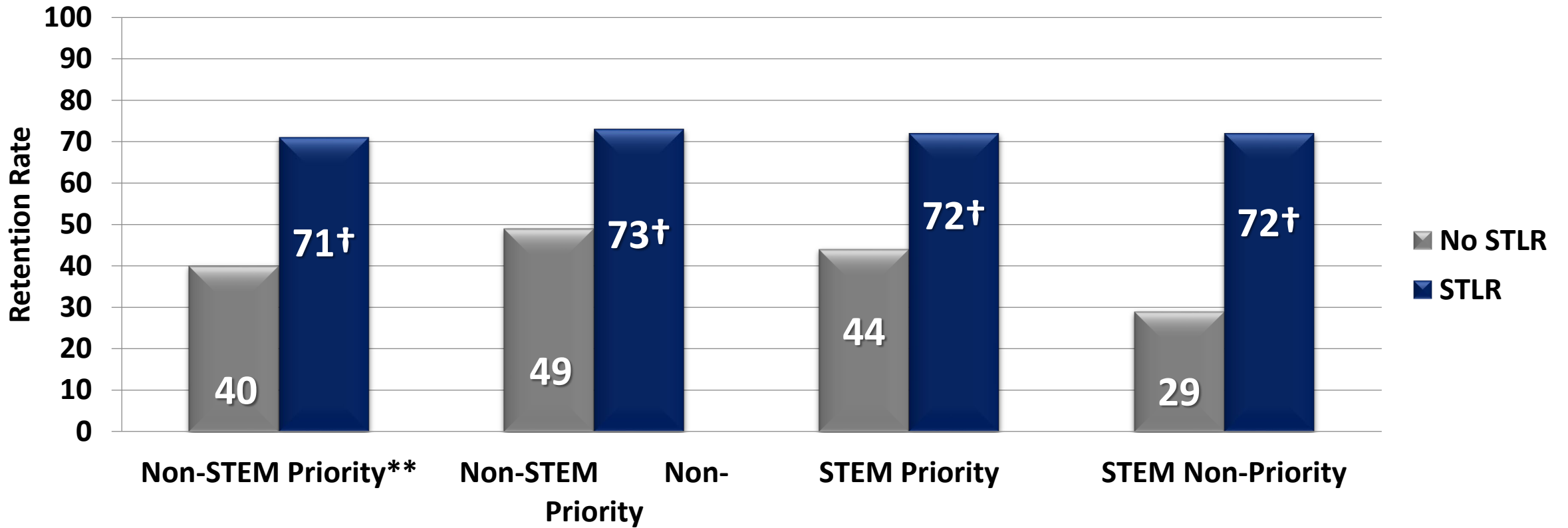


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Cohort 4
STEM vs. Non-STEM UCO Retention*
First-Time, Full-Time Freshman
N=1,776



† Indicates results are statistically significant at $p < .01$

*STEM status as defined through the National Science Foundation (NSF).

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STLR-tagged Assignment: *Why Bees Are Disappearing* TED Talk with reflective prompt

“... I began constructing a garden with my sister, and also purchased some bee-friendly seeds with the idea of planting them ...”

“... I feel that making this garden was a breakthrough, because I had never been the type of individual who liked gardening ...”

“... understanding the condition of bees persuaded me into changing my views and consequently motivated me into taking action ...”

“... I immediately began to research the types of food products which were common to Oklahoma, and I discovered that there were many types of local farms and grocery stores near my home, which all grew crops to sell. I then promised myself that I would shop for my food locally, simply because this was a way for me to support the health food production as well as a health ecosystem. Lastly, I had a long discussion about this with my family ...”

“Just the transformation in the students. I mean, this is what you live for, you know? And to see that you can actually flag it and demonstrate it, note it, get your hands on it. It was amazing to me . . .”

— Business Professor explaining her STLR experience