



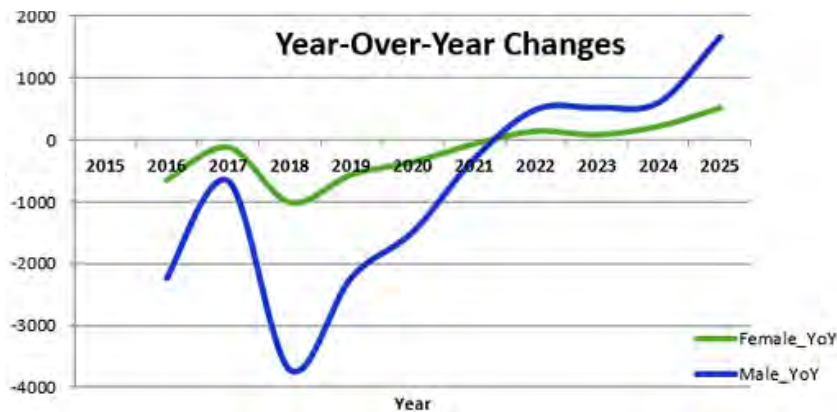
CJCC RESEARCH BRIEF

May 2026



JAIL POPULATION GENDER COMPARISONS

National Research partners have presented indicators that the number of Women in Jails are increasing at a higher rate than Men. In an independent review of local detention center data, the **Charleston County CJCC** compared ten years' worth of incarceration rates between 2015-2025.



STATISTICS

Paired t-tests on Year-over-Year (YOY) increases were conducted, along with OLS regression analysis paired with an estimator for standard errors.

FINDINGS

Paired t-test results found no statistically significant differences ($p = 0.179$) between Female and Male counts per year. Regression analysis did note some significance* in decline rates; however, this finding failed to remain significant when undergoing checks for standard robustness.

Summary: Charleston County Jail Population rate increases did not indicate that the number of Females increased at a higher rate than Males.

For more insights into Charleston County's justice system, visit the [CJCC website](https://www.charlestoncounty.org/cjcc).

*Model fit: $R^2 = 0.853$, Adj. $R^2 = 0.828$, $F(3,18) = 34.75$, $p < 0.001$