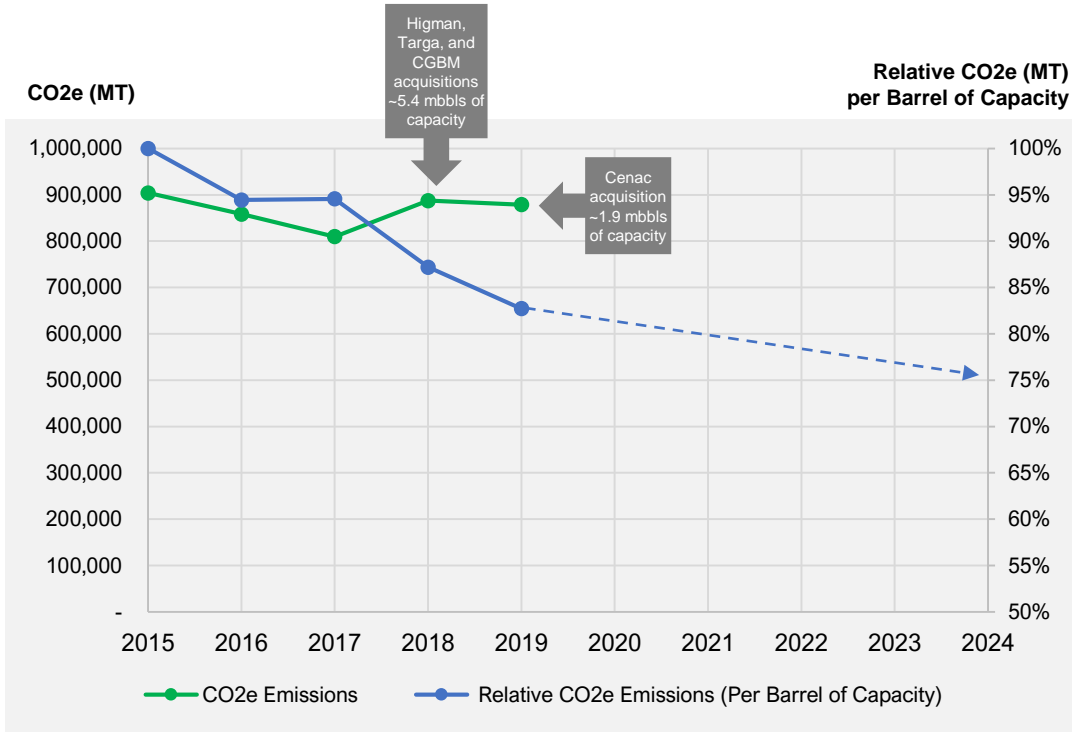


# Kirby GHG Emissions

~98% of Kirby's emissions are from the marine transportation fleet

## Scope 1: Marine Transportation Fleet CO2e (MT)



- Since 2015, total CO2e emissions have declined 3% despite significant growth in the fleet
  - Total barge capacity up 18%
  - Total boats operated up 8%
  - Result of inland acquisitions offset by offshore fleet retirements
- Fleet emissions per full-time marine employee down 6% since 2015
- Investments in newer boats and engines have improved overall fuel efficiencies and reduced emissions
- Average age of inland and offshore boats is down 12 years



**Relative CO2e Emissions per Barrel of Capacity** (since 2015) **↓ 17%**

**Target Reduction by 2024** (vs. 2015 base year) **↓ 25%**