

# FLEET STATUS REPORT

## EMERGENCY MEDICAL SERVICES

V. Graig Temple, M.S., LP, MPO  
Chief of EMS



- ▶ Mobile Intensive Care Unit (MICU) -
  - ▶ Dodge 3500 Diesel Chassis
  - ▶ Type I Module (box)
  - ▶ Custom built by local manufacturer in Houston; Frazer, Ltd.
  - ▶ Specialized vehicles, individually licensed by the Texas DSHS
  - ▶ Total cost per unit, fully stocked and equipped - \$245,522.00



- ▶ FBCEMS currently staffs and operates 16 Mobile Intensive Care Units (MICUs) daily.
- ▶ Seven (7) of eight (8) Reserve MICUs are in Reserve Status.
  - ▶ One (1) Reserve Unit is in long term Front Line use due to a fleet.
- ▶ Typical MICU service life is three (3) years front-line and two-three (2-3) years as Reserve dependent upon mileage and maintenance issues.
- ▶ Current vehicle mileage average:
  - ▶ Reserve Units – 123,714
  - ▶ Front Line Units – 75,562
- ▶ Rely on Vehicle Maintenance, Dealerships and Manufacturer for repairs
  - ▶ Priority v. Parts v. Warranty v. Repairs (fleet)

## CURRENT STATE



- ▶ Purchasing new MICUs take 12-14 months before delivery and being placed in service.
- ▶ County does not cover the cost of the vehicle.
- ▶ Example: FY21 chassis being sent to the manufacturer.
- ▶ Delivery is typically in the summer months.
- ▶ Vehicle must still be in good condition to be placed in service.



Final Up-fitting  
Reg & Toll Tag  
In service

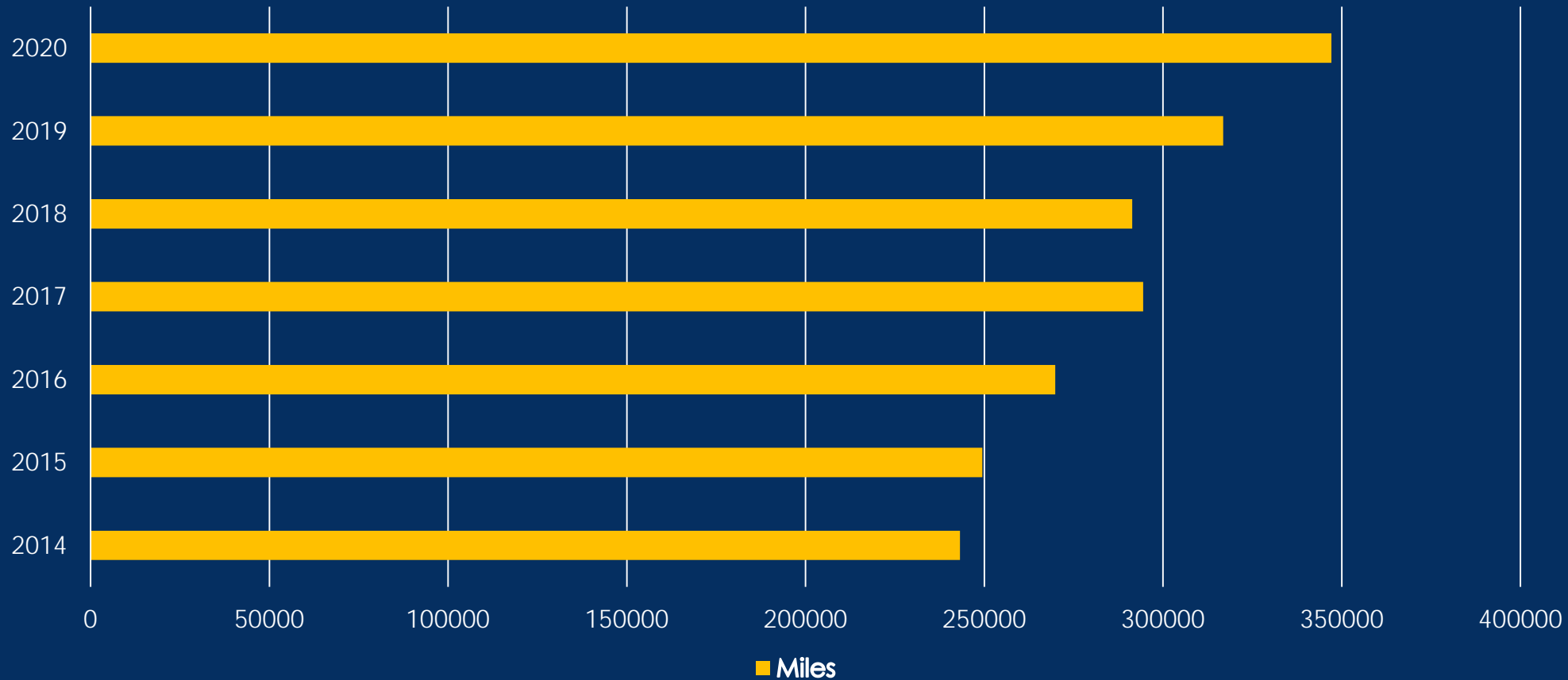
FY Start  
Order  
Placed  
Chassis  
delivery

Chassis Depreciation

October January July September 30th November

CURRENT STATE





# RESPONSE AND TRANSPORT MILES

\*DOES NOT INCLUDE NORMAL DRIVING MILES





- ▶ 2021 – Four (4) MICU replacements – One (1) Addition to Fleet (Reserve) -  
In progress by November 2021
  - ▶ Re-Mounted MICU for Vehicle Y121 due to Fleet
  - ▶ Add additional two (2) Reserves Units – immediately available
  - ▶ Fully equipped at 16 Front Line and 9 Reserve MICUs
- ▶ 2022 – Four (4) MICU replacements & one (1) New MICU Medic 617
- ▶ 2023 – Four (4) MICU replacements & one (1) New MICU Medic 618
- ▶ 2024 – Four (4) MICU replacements & one (1) New MICU Medic 619
  - ▶ Need an Additional Reserve MICU
- ▶ 2025 – Four (4) MICU replacements & one (1) New MICU Medic 620
  - ▶ Need an Additional Reserve MICU

# STRATEGIC MASTER PLAN



- ▶ Maintain a reliable fleet of one-half of the total in-service MICUs as Reserve units
- ▶ Have the ability to address call volume surges, special event coverage, and other assignments (Vaccine Sites) with Reserve MICUs
- ▶ Add Reserve Units in fiscal year planning as needed to maintain the above standard
- ▶ Approve the immediate purchase of two (2) stock MICUs from Frazer Ltd.
  - ▶ Department will take immediate delivery
  - ▶ Vehicle and specifications are similar to current fleet
  - ▶ Provide for the immediate ability to address surge capabilities

DESIRED STATE

