



Atlanta Fire Rescue Department's

Public Safety Presentation

October 2, 2023

Roderick M. Smith, Fire Chief





Presentation

- Calls for Service
- AFRD Service Model
- Fleet Purchases





Calls For Service

Calls for service:

- Downtown: 54,716
- Aviation: 8,357
- **TOTAL: 63,073**

What does AFRD respond to?:

- Fire
- EMS
- Hazmat
- Technical Rescue
- Other Services

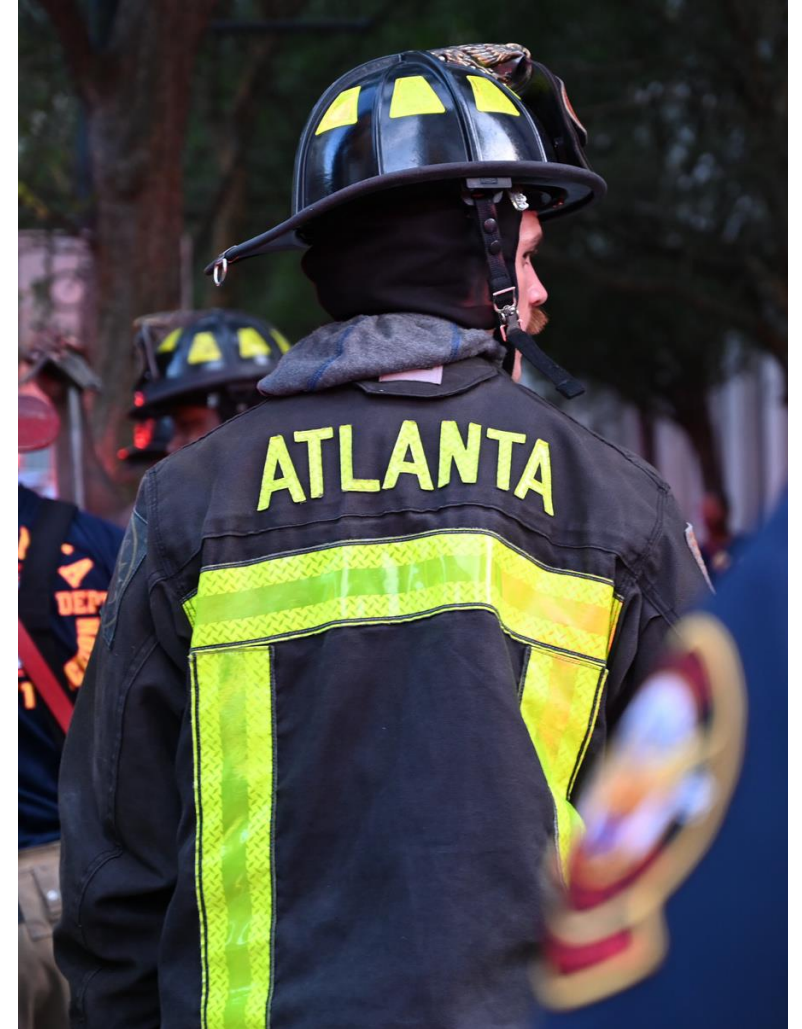
Downtown Situation Found 01/01/2023 - 09/26/2023		
Situation Found Category	Number of Incidents	%
EMS	21,636	39.64%
Structure Fire	459	.84%
Non -Structure Fire	1,059	1.94%
HazMat	1,215	2.22%
Technical Rescue	59	.10%
Other Services	30,151	55.24%
Total Responses	54,579	100%



How Do We Provide Service?

Atlanta Fire Rescue Service Model:

- E911
- Station Location
- Available Equipment
- Automatic & Mutual Aide Agreements
- Staffing 24/7
- Specialized Teams
- Training
- Community Engagement





Fleet Purchases

Date Ordered	Fleet Order	Initial Delivery Date	Projected Delivery Date
10-15-2022	Frontline Engine (1)	9-6-2023	December 2023
10-27-2022	Reserve Engine (3)	7-4-2023	October 2023
3-25-2023	Frontline TDA (1)	4-24-2024	August 2024
4-10-2023	Service Trucks (3)	7-3-2024	7-3-2024
5-23-2023	Reserve Engine (3)	12-29-2023	Early Fall 2024
-----	Service Truck (2)	-----	Pending Vendor Complaint

- **Legislation 22-O-1164**

- FY2022: 1 Frontline Engine/ 1 Frontline Truck

- **Legislation 21-R-3662**

- FY2022: 3 Reserve Engines/ 3 Reserve Trucks
- FY2023: 3 Reserve Engines / 2 Reserve Trucks

- **FY-24 Commitment**



DPW

DEPARTMENT OF PUBLIC WORKS

OFFICE OF FLEET SERVICES

ATLANTA FIRE RESCUE DEPARTMENT
APPARATUS FLEET MANAGEMENT

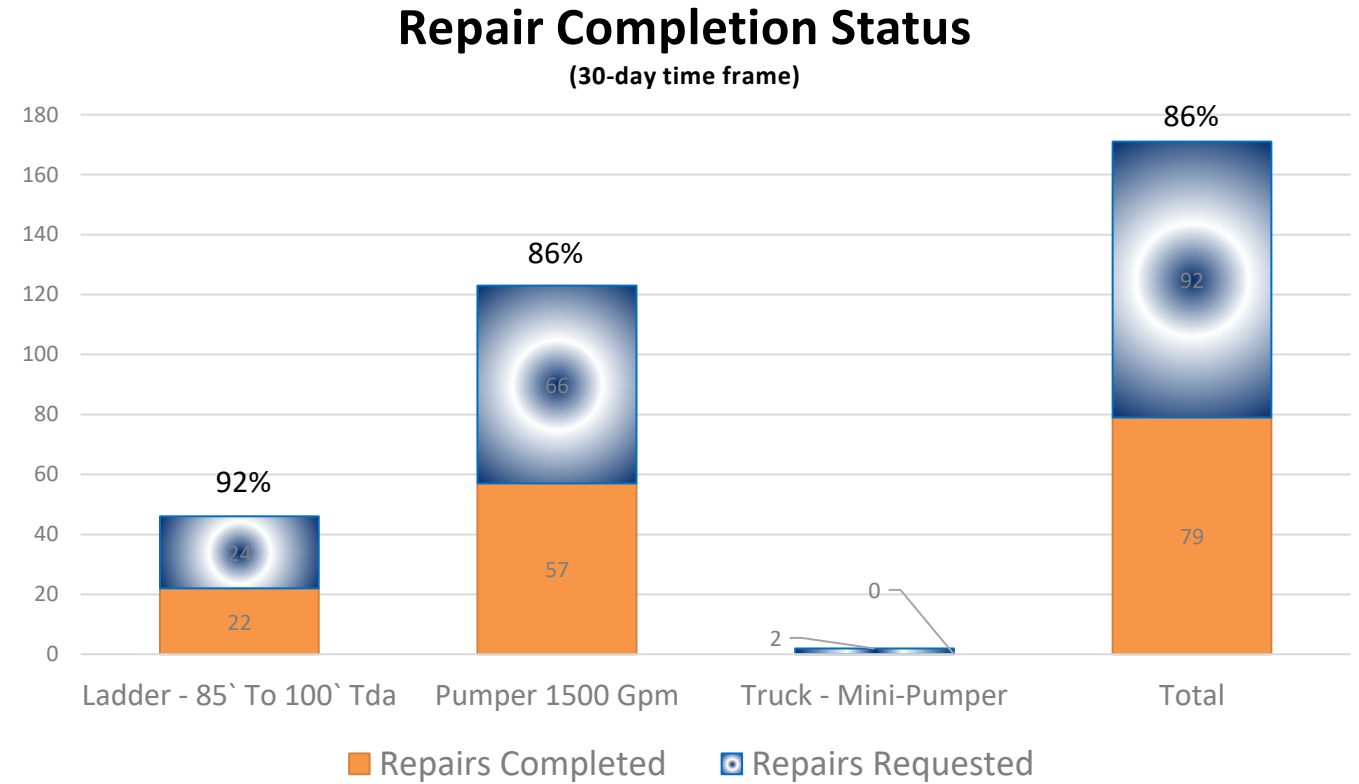
October 2, 2023

MAYOR ANDRE DICKENS | COMMISSIONER AL WIGGINS, JR.



AFRD APPARATUS REPAIRS

Apparatus Type	Repair Requests
Ladder	24
Pumper	66
Mini-Pumper	2
Total	92



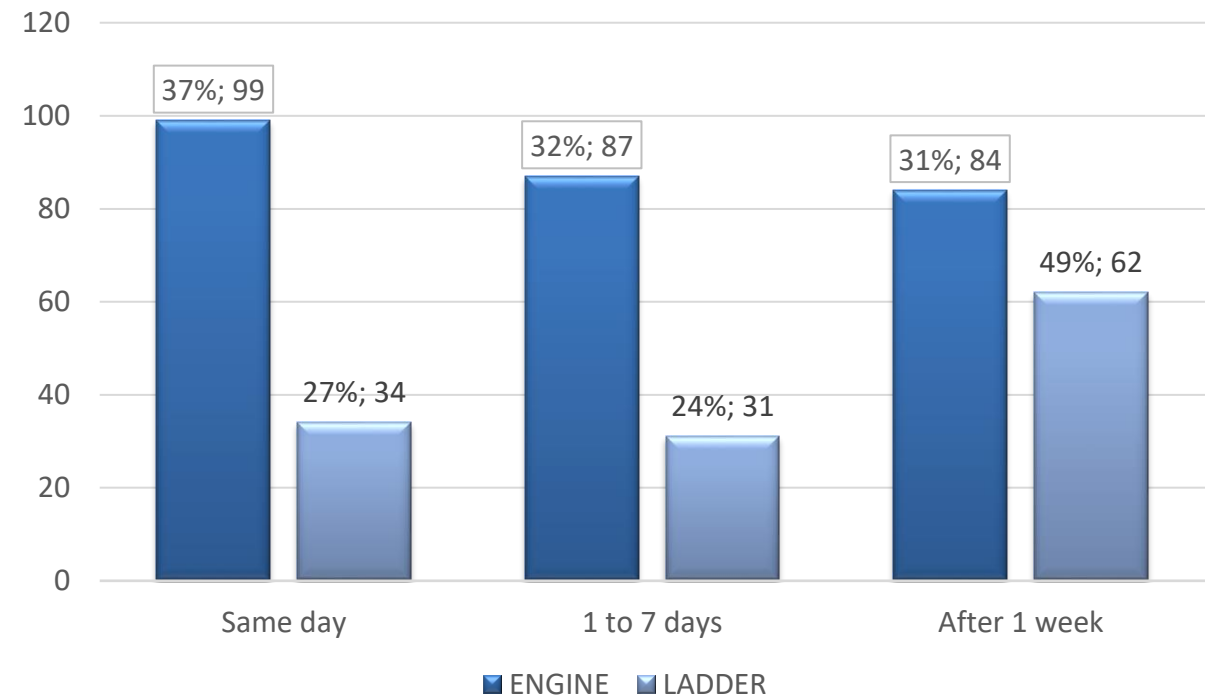
AFRD APPARATUS TURNAROUND TIME

DPW – OFFICE OF FLEET SERVICES

Repair Shop Productivity

- **Engine** Apparatus Serviced for Repairs
 - 270 Workorders created
 - 69% Completed within 7 days
- **Ladder** Apparatus Serviced for Repairs
 - 127 Workorders created
 - 51% Completed within 7 days

Repair Turnaround (90 Days)



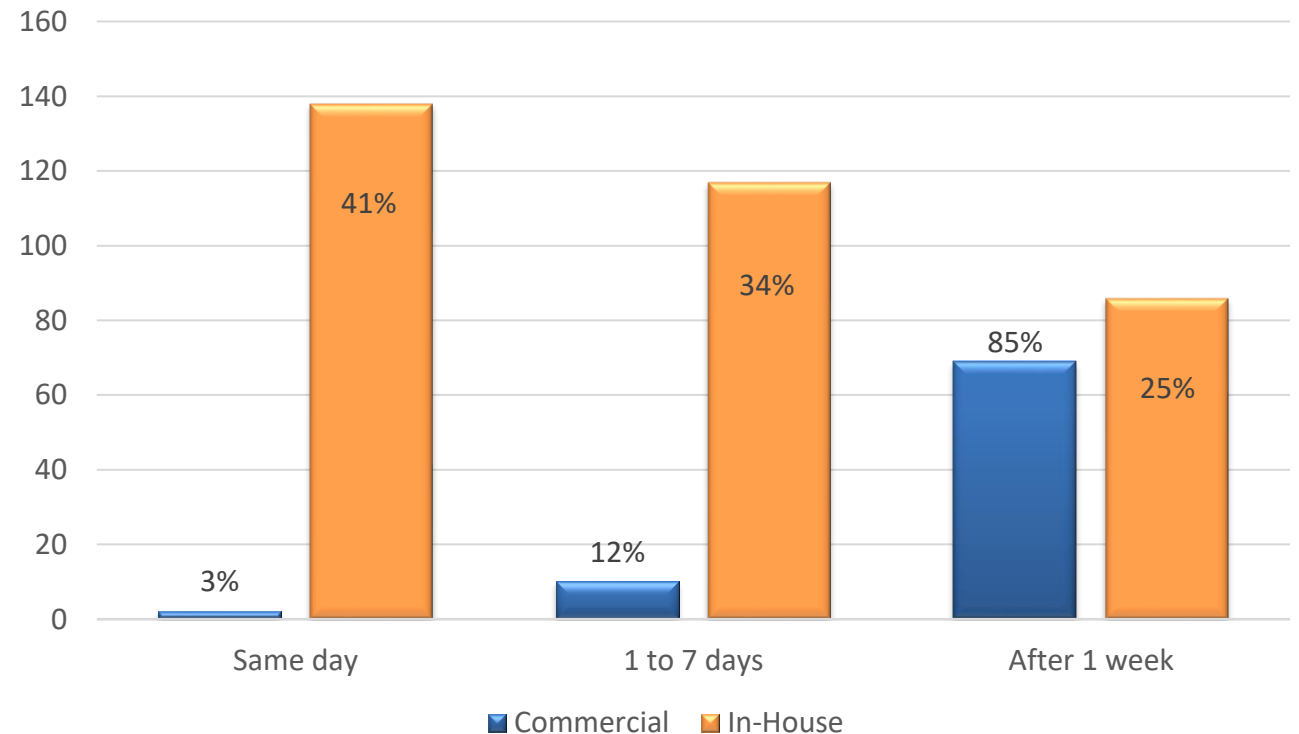
DPW OFFICE OF FLEET SERVICES COMPARISON

DPW – OFFICE OF FLEET SERVICES

Repair Shop Comparison

- OFS In-House Repairs
 - 75% Completed within 7 days
- Commercial Vendor Repairs
 - 15% Completed within 7 days

Commercial vs. In-House (90 Days)



AFRD APPARATUS FLEET INVENTORY

AFRD FLEET INVENTORY

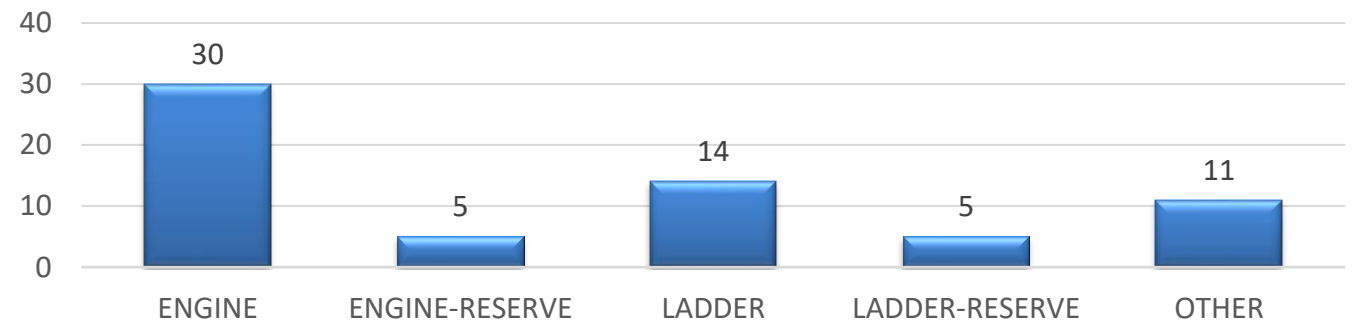
30 Frontline Engines

- Average age 8 years
- Average miles 105,506
- Average maintenance cost \$288,161

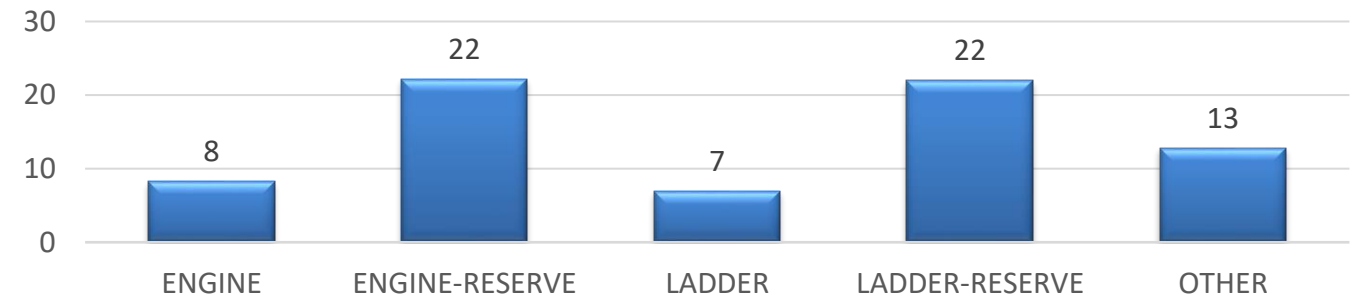
14 Frontline Ladder Trucks

- Average age 7 years
- Average miles 145,779
- Average maintenance cost \$365,119

Fire Trucks Inventory by Category



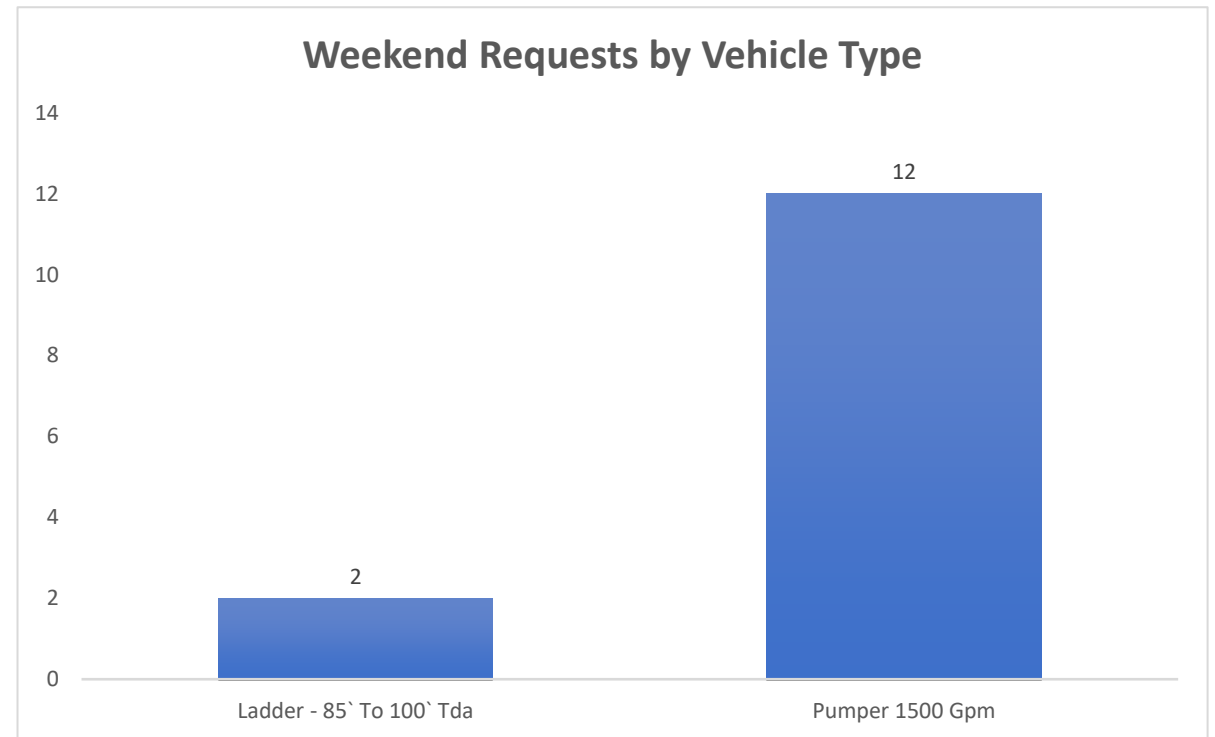
Fire Trucks Average Age by Category



AFRD APPARATUS WEEKEND MAINTENANCE REQUESTS

Weekend requests received 8/28/2023 through 9/28/2023

Weekend Requests	Over Last 30 Days
Repair Requests during Weekend	14
Vehicles with Multiple Requests during Weekend	3
Weekend Repairs Completed within 30 Days	12
Vehicles Repaired over Weekend	0
Vehicles Awaiting Repairs	2



APPARATUS UNITS IN FOR REPAIRS

Type	Equipment Type	Date Arrived at Shop	Mileage	Model Year	Repair(s) Required	Timeframe to Complete Repairs once parts are in acquired	Awaiting Parts	Comments
Squad4	Hazmat Rescue Truck	9/26/2023	31,365	2017	Driveshaft replacement	Estimate of 4 Days	Y	Vendor inspecting Damage caused by driveshaft. ETC 10/13/2023
Squad4	Rescue Truck	8/10/2023	108,829	2006	Power Steering Gear box/Cab motor/ King pin and Cab mount	Estimate of 4 Days	N	ETC 10/13/2023
Truck29	Ladder Truck	9/24/2023	5,025	2020	Accident damaged to exhaust due to operator error	Estimate of 3 Days	Y	Taken to vendor on 9/25/2023. ETA 11/10/2023
Truck10	Ladder Truck	9/24/2023	63,205	2015	Valve Body Rebuild	Estimate of 5 Days	N	ETC 10/4/2023
Engine15	Pumper	9/20/2023	113,150	2014	DEF sending unit ran low by operator causing damage to fuel lines and wiring harness	Estimate of 5 Days	Y	Received incorrect part on 9/29/2023 Replacement part ETA of 10/05/2023
Engine11	Pumper	9/16/2023	55,292	2009	Accident	Estimate of 7 days	Y	Estimated ETC 11/28/2023. ETC may change if additional damages are found while accident repairs are performed.
Tower11	Ladder Truck	9/13/2023	111,066	2009	Ladder and outrigger controls	Estimate of 5 Days	Y	TBD. Ladder control screen discontinued. Attempting to source part.
Engine2	Street Flusher	9/1/2023	186,808	2011	Fan Clutch	Estimate of 2 Days	Y	Part ETA 10/13/2023. Special order
Truck16	Ladder Truck	8/31/2023	102,563	2014	Leaking fifth wheel pistons	Estimate of 20 Days	Y	Specialty part on backorder - Lead time on parts is 10 months
Engine21	Pumper	8/31/2023	55,321	2017	Transmission	Estimate of 5 Days	N	Multiple repairs currently underway ETC is 10/7
Truck12	Ladder Truck	8/28/2023	39,278	2017	Damaged Wiring harness	Estimate of 10 Days	Y	Part ETA 11/24/2023
Truck1	Ladder Truck	8/16/2023	65,366	2014	Motor Replacement	Estimate of 7 Days	N	Repairs are underway with vendor ETC is 10/6/2023
Engine31	Pumper	7/17/2023	99,370	2017	Circuit Board Inop	Estimate of 3 Days	Y	11/5/2023 for parts: 11/12/2023 for ETC
Truck14	Ladder Truck	7/7/2023	20,055	2014	Hydraulic Component Inop	Estimate of 4 Days	Y	Part ETA 11/24/2023

STEPS TAKEN TO REDUCE DOWNTIME

Critical apparatus repairs are immediately escalated to the Fleet Manager for evaluation

Technicians performing lower-priority repairs are immediately reassigned to critically needed equipment

Secured additional vendors to assist with after-hour and weekend repairs

Extended overtime and weekend hours for emergency repairs

Revaluated inventory of available parts to reduce downtime

Partnering with recruiting firm to on-board technicians skilled to perform repairs on specialized fire apparatus

THANK YOU

