

# Los Angeles Fire Department

Standards of Cover Analysis





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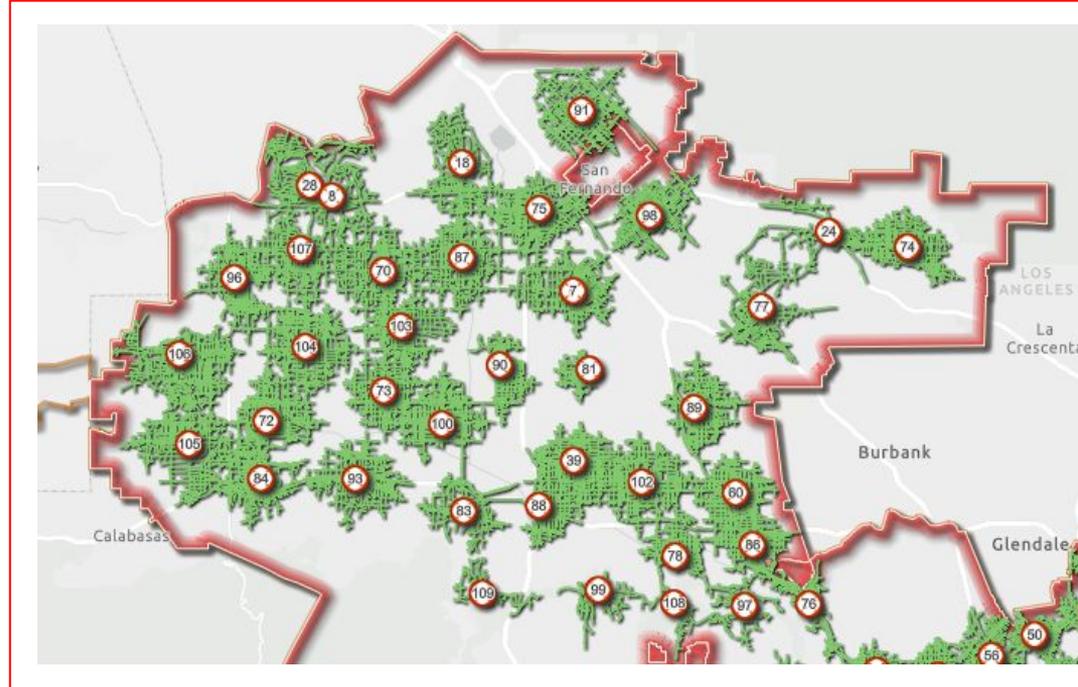
## **|04** Infrastructure Recommendations

Bond proposal to fully right size the Fire Department to meet the needs of the customers

# 01

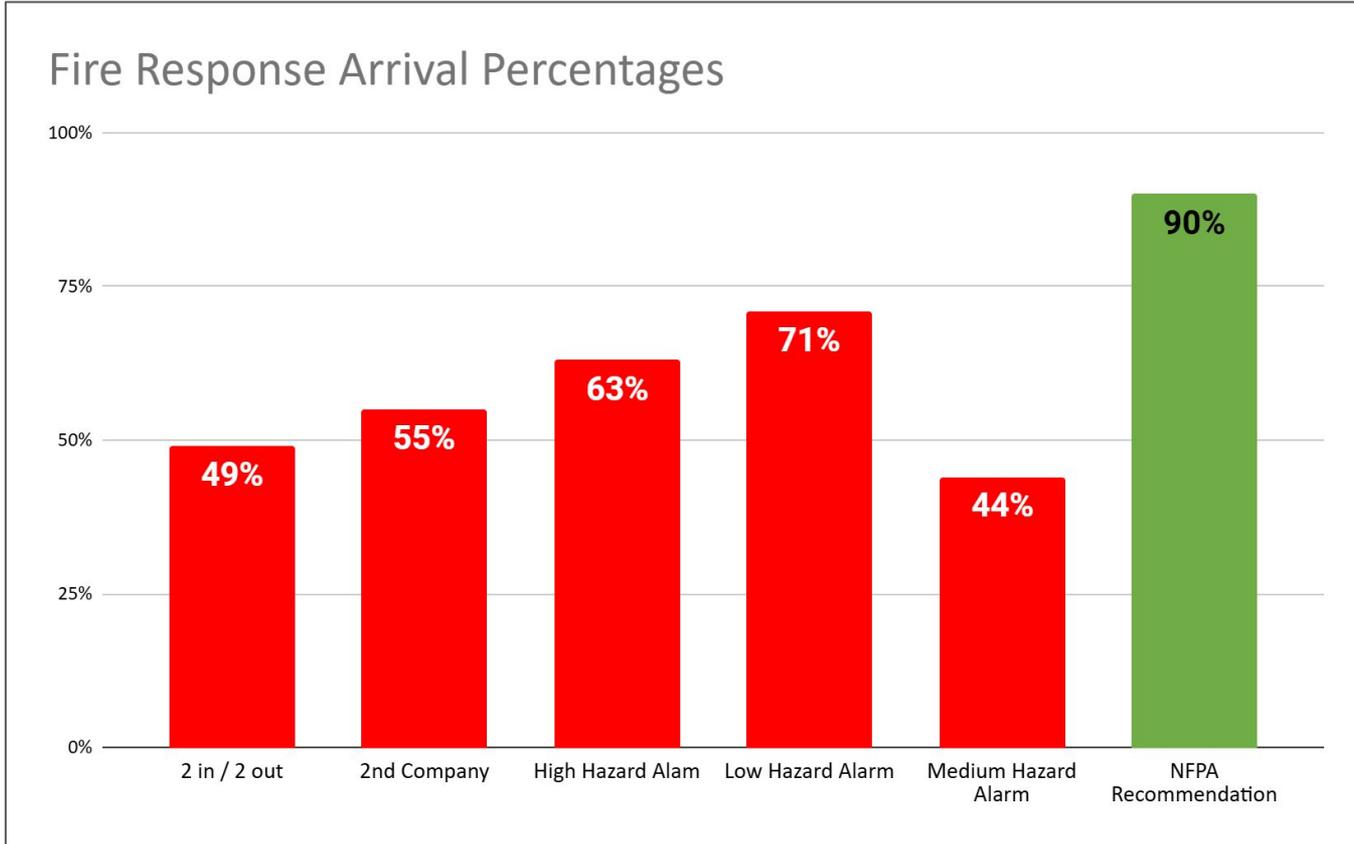
## Fire Station Location

Based on its current fire station locations, LAFD is only able to respond to 49.2% of roads within its response area within 4 minutes of travel.



# 01

## Fire Station Location

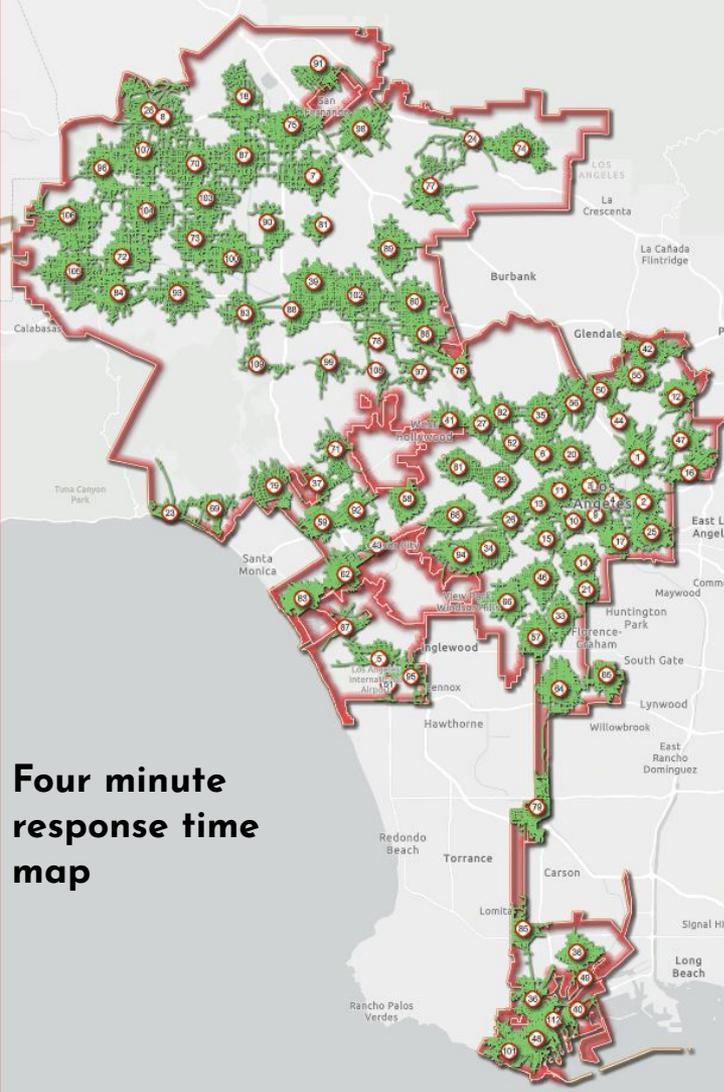


# 01

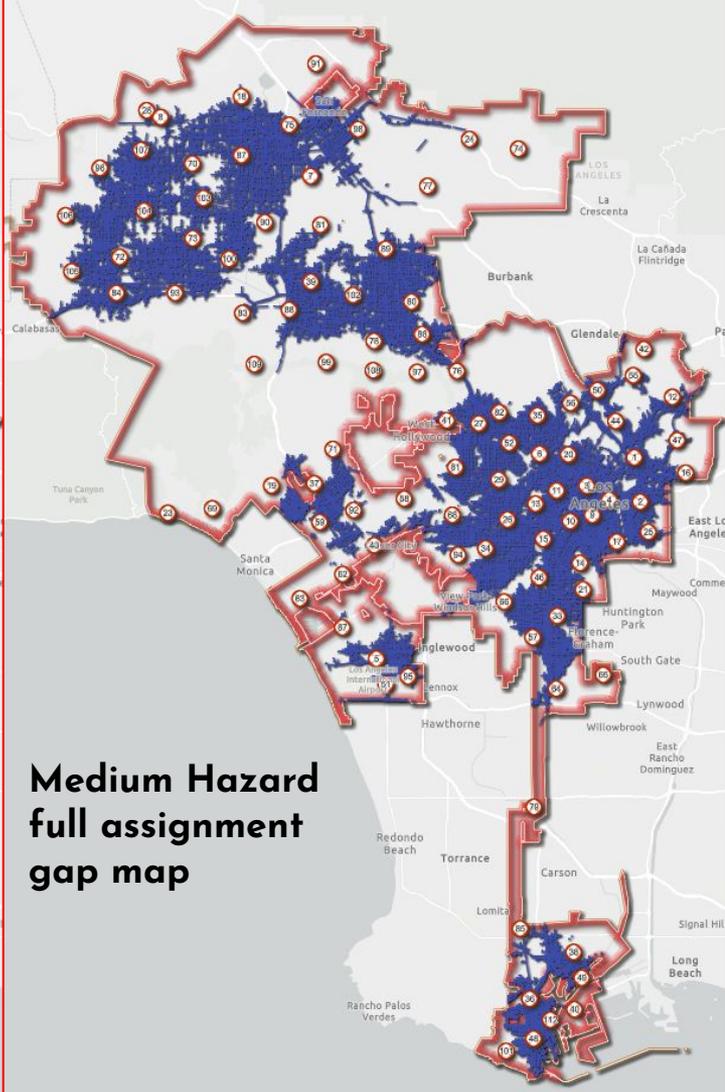
These two maps demonstrate the gaps in coverage that causes resources to arrive four minutes 49% of the time (green map).

The blue map demonstrates the areas of a the City were a medium hazard alarm cannot arrive in the 8 minutes recommended.

**Four minute response time map**



**Medium Hazard full assignment gap map**



# 02 Fire & EMS Service Response

1. Overall, for the 5 years, LAFD did not meet the 4-minute travel time standard for **55%** of emergency medical incidents.
2. During the 5 years, the percentage of emergency medical incidents where the first-arriving unit had a travel time greater than 4 minutes increased from **49%** in 2018 to **61%** in 2022.
3. The problem is getting worse. The LAFD's 90th percentile travel time for the first-arriving unit at an emergency medical incident exceeded the 4-minute NFPA 1710 travel time objectives each year from 2018 to 2022, worsening as the years progressed. It was 6:51 in 2018 and grew to **7:53** in 2022.

# 03 Broad Staffing Recommendations

## Short Term

(1-3 years)

FULLY STAFF ALL 200 HUNDRED SERIES APPARATUS WITH FOUR (4) MEMBERS.

- i. 378 additional Firefighters
- PURSUE 32 ADDITIONAL AMBULANCES
- i. To be staffed during peak hours
- ii. 192 additional Firefighters

## Medium Term

(3-6 years)

ADD SEVEN (7) BATTALIONS

- i. 42 additional Firefighters

ADD ONE (1) EMS SUBSTATION PER BUREAU THAT HOUSES AMBULANCES

## Long Term

(6 years & beyond)

ACHIEVE DISPATCH ACCREDITATION TO IMPROVE DISPATCH TIMES

- i. 60 additional Firefighters
- ii. 40 positions for administrative needs



**Additional Firefighters**

**1.54 - 1.81**

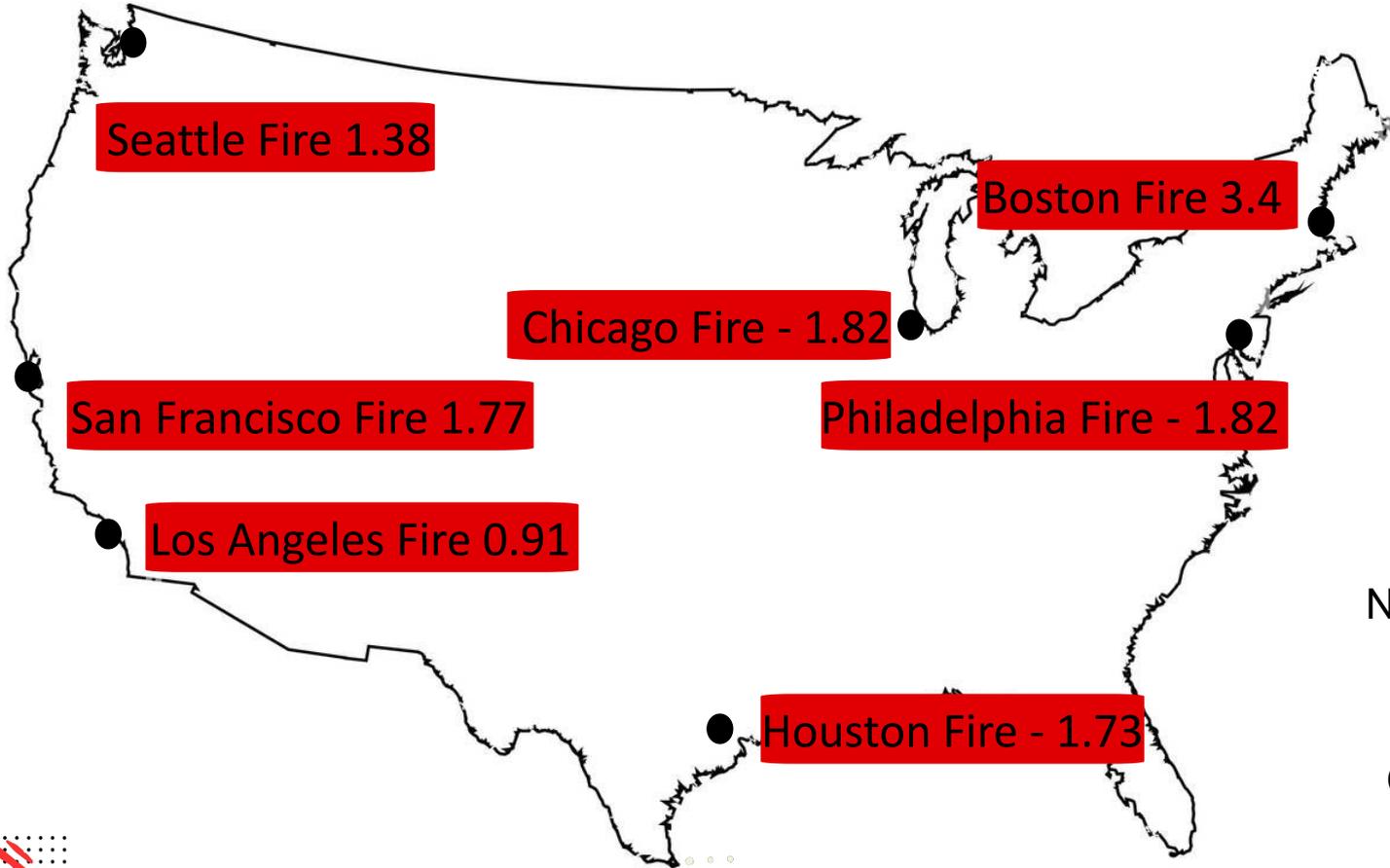
National Best Practice

**0.91**

Current LAFD Ratio

# 03

## Staffing Comparison



**1.54 - 1.81**

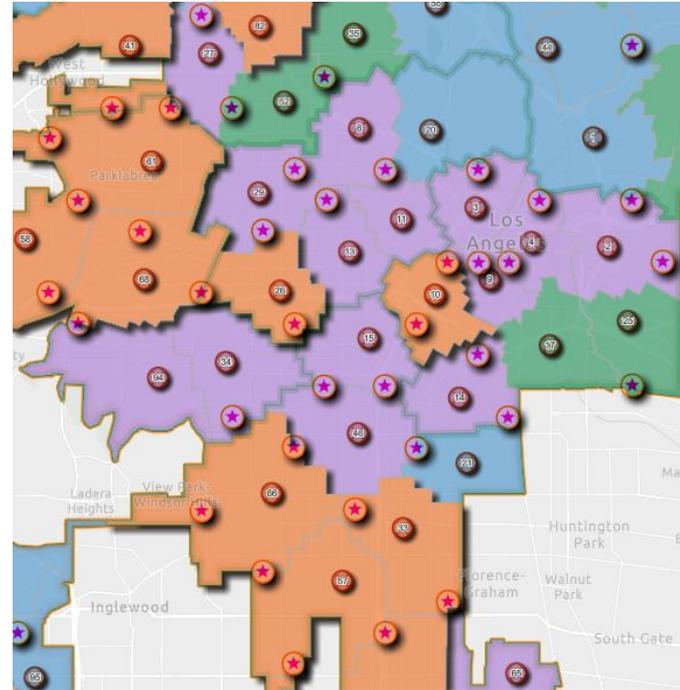
National Best Practice

**0.91**

Current LAFD Ratio

# 04 Infrastructure Recommendations

	OCB	OVB	OSB	OWB	Totals
Short Term	3	14	14	2	33
Medium Term	12	2	6	2	22
Long Term	2	12	5	10	29
Totals	17	28	25	14	84



**62\*** Additional Fire Stations

# LOS ANGELES *CITY* FIRE DEPARTMENT SERVICES

CHALLENGE

## Fire Station Location



Fire Stations built over 50 years ago are not ideally located and can only arrive on time less than 50% of the time.



SOLUTION

## More Fire Stations



Standard of Cover recommends 62 additional stations.

## Fire Responses



An analysis of responses to fires and EMS shows that the resources arrive on time half of the time.



## More Firefighters



NFPA recommends: 1.81 Firefighters per 1,000 citizens.  
LAFD has: 0.91 per 1,000 citizens.

## Medical Responses



The problem is getting worse, the total average response time has grown to nearly eight minutes (7:53).



## More Resources



More resources will reduce response times.