

# Los Angeles Fire Department

Standards of Cover Analysis





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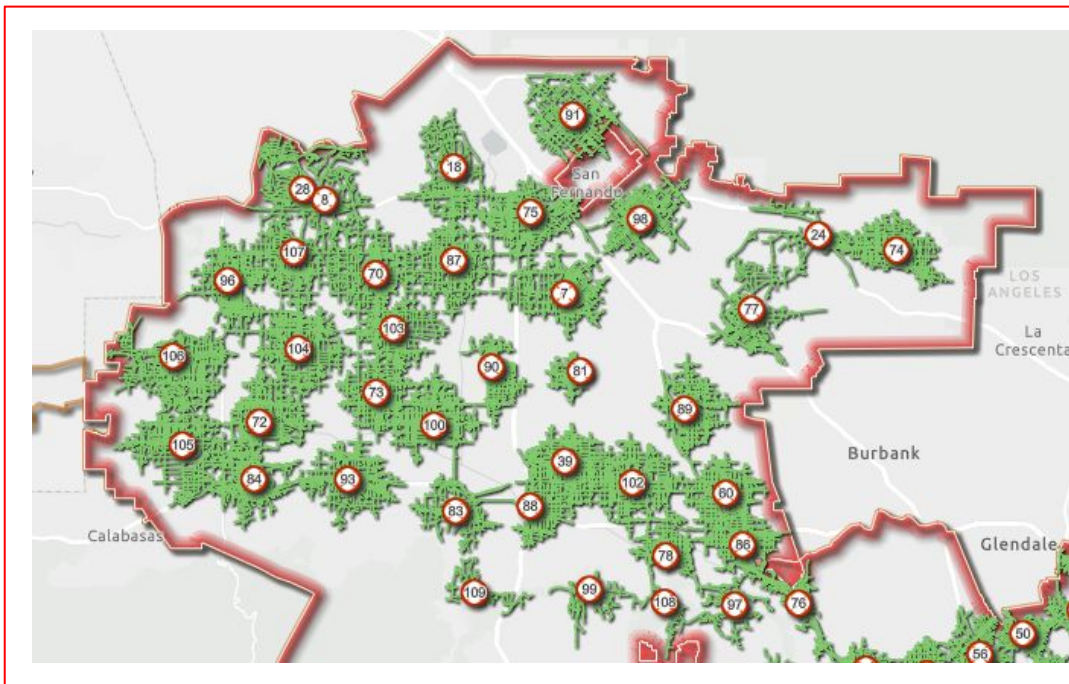
## **|04** Infrastructure Recommendations

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

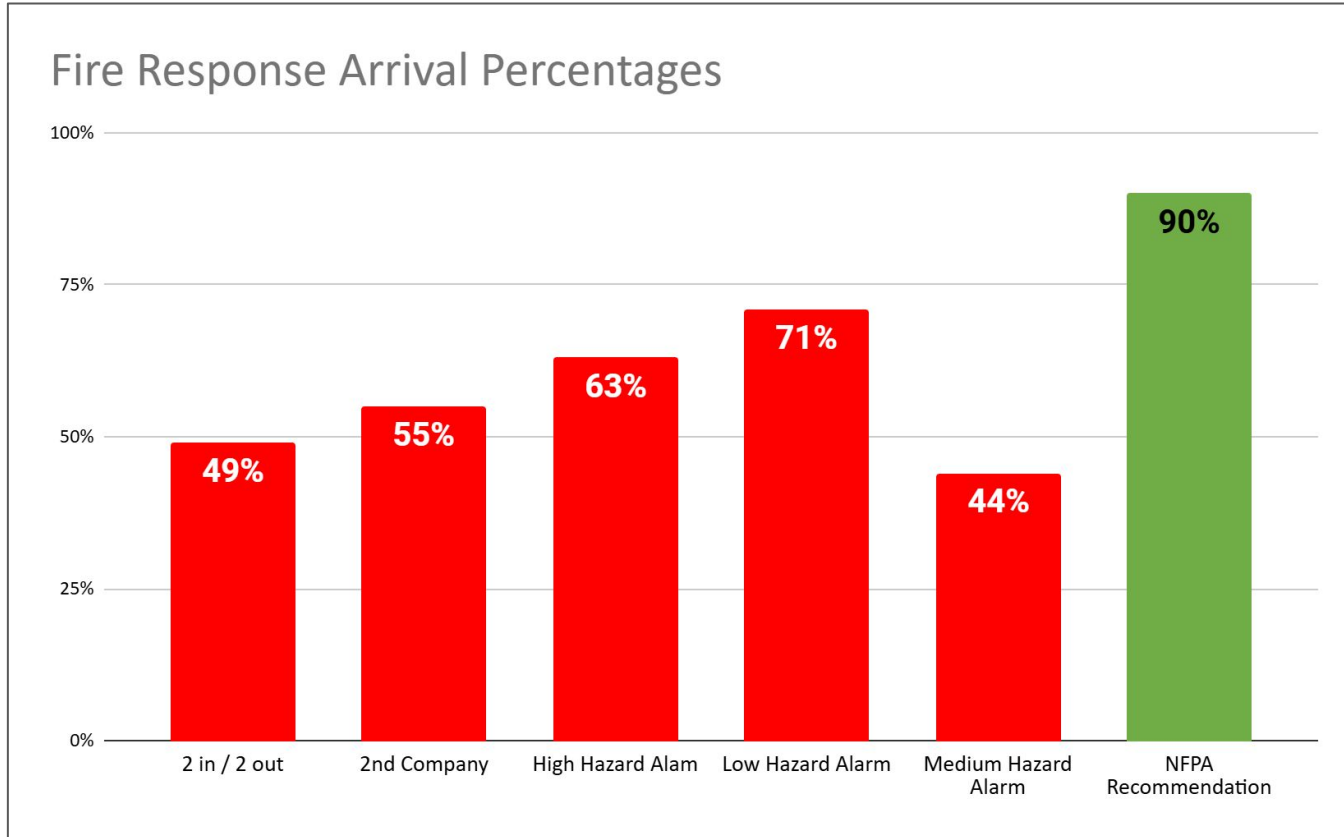
# 01

## 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

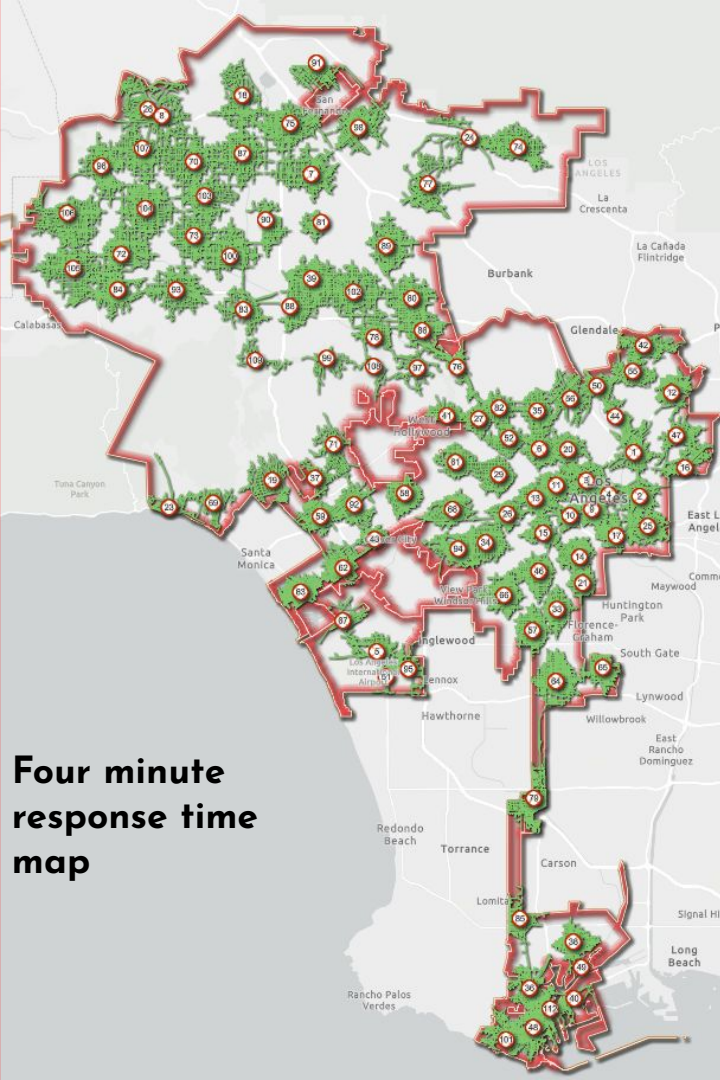


# 01

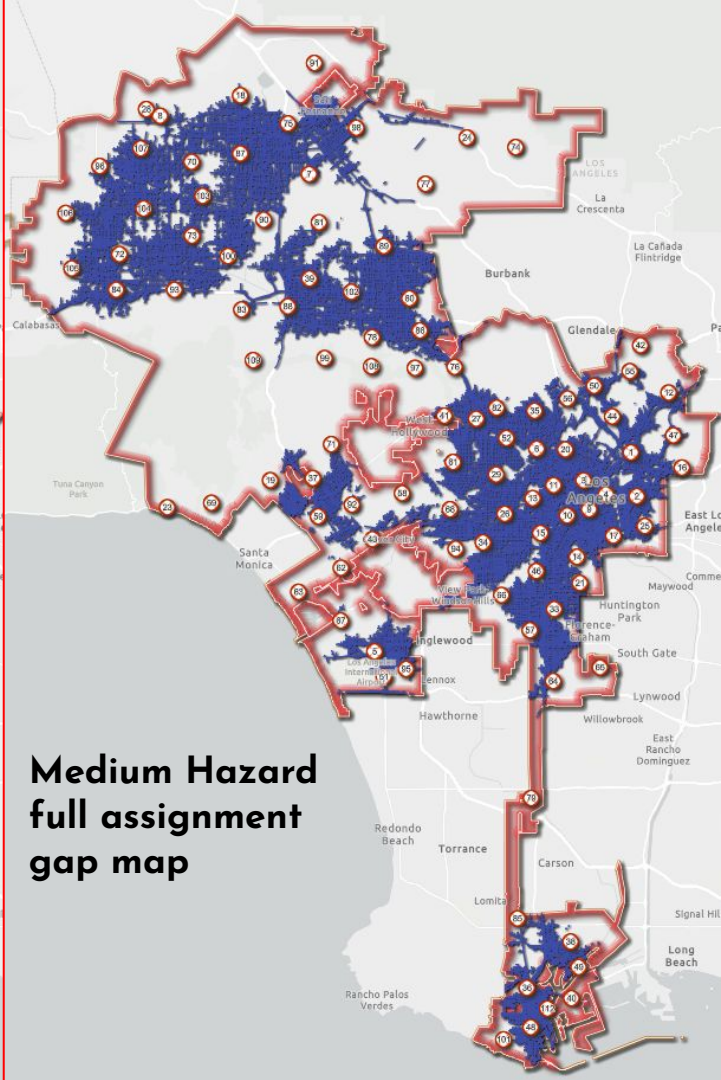
These two maps demonstrate the gaps in coverage that causes resources to arrive four minutes 49% of the time (green map).

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**

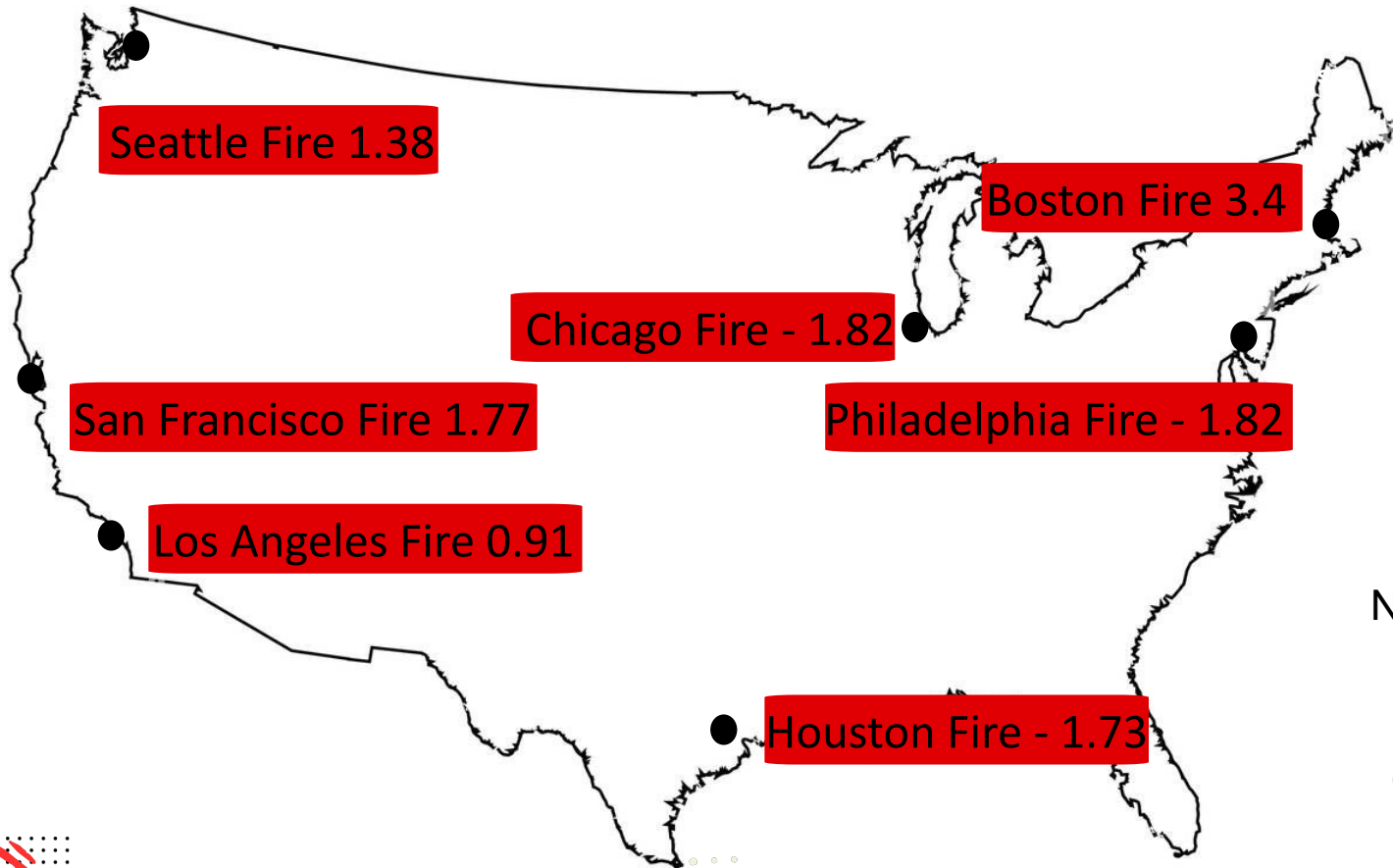
National Best Practice

**0.91**

Current LAFD Ratio

03

## Staffing Comparison



**1.54 - 1.81**

National Best Practice

**0.91**

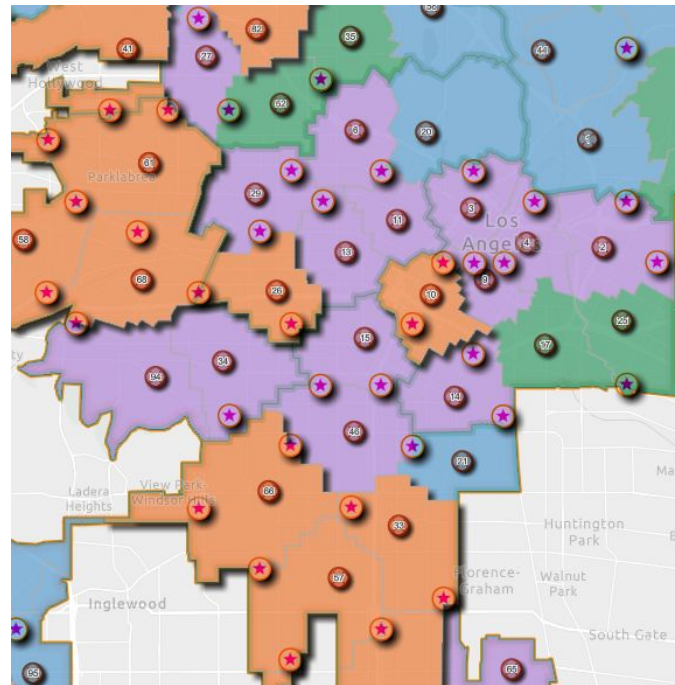
Current LAFD Ratio



# 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.

