

# FDNY CREW SIZE STUDY CONCLUSIONS:

## Comparing Time It Takes for a **4-vs-5** Firefighter Engine Company To Begin Getting Water on a Fire in New York City.

*(Study Conducted at the FDNY Fire Academy April, 1987 by Chief Vincent Dunn)*



**FDNY Test #1 – 4 Firefighter Company to 5th Floor Fire**  
Length of Time Following  
Arrival on Scene / FDNY Response Time: **10:23**



**FDNY Test #2 – 5 Firefighter Company to 5th Floor Fire**  
Length of Time Following  
Arrival on Scene / FDNY Response Time: **5:50**



**FDNY Test #3 – 4 Firefighter Company to 6th Floor Fire**  
Length of Time Following  
Arrival on Scene / FDNY Response Time: **11:59**



**FDNY Test #4 – 5 Firefighter Company to 6th Floor Fire**  
Length of Time Following  
Arrival on Scene / FDNY Response Time: **7:55**

### QUOTES FROM FDNY CHIEF VINCENT DUNN:

“At these 4 tests when the hose stretch team was reduced 20 percent, the hose stretch time was increased approximately 75 percent.”

“Comparing a 4 and 5 crew engine company stretch, the hose stretch time of a 4 crew engine company was increased 75%, when compared to the hose stretch of a 5 crew engine company.”

“Two five man engines operating independently can place two lines in operation faster than three four member engines operating collectively.”