

Characteristics of URMs in Risk Categories

July 2012

Revised August, 2012

The URM Policy Committee requested information on URMS in the Risk Categories that were suggested at the June 28, 2012. DPD Survey data was sorted to categorize each URM as Critical (C), High (H) or Medium (M) risk. Some basic building information was then collected for each category.

At the July URM Policy Committee Meeting a statement was made that the number of buildings in the High Category did not seem correct. DPD reviewed the sorting. It was determined that there were some sorting errors in the HIGH category; eleven (11) structures that should have had a MEDIUM ranking were included in the HIGH category, as well as some duplicate addresses. This report contains the updated and correct information.

The majority (84%) of the URMs were designated Medium risk. High Risk URMs constituted 8% of the structures and 8% were designated Critical Risk.

CRITICAL =

All buildings containing an "**E**" or "**S**" occupancy on DPD's survey (alone or with other occupancies)

- **FEMA: E= Emergency Service:** A facility that would likely be needed in a major catastrophe, such as police and fire stations, hospitals, and communications centers.
- **FEMA: S=School:** All public and private educational facilities from nursery school to university level

HIGH RISK = URM buildings > 3 stories on poor soil (liquefaction or known slides)

OR

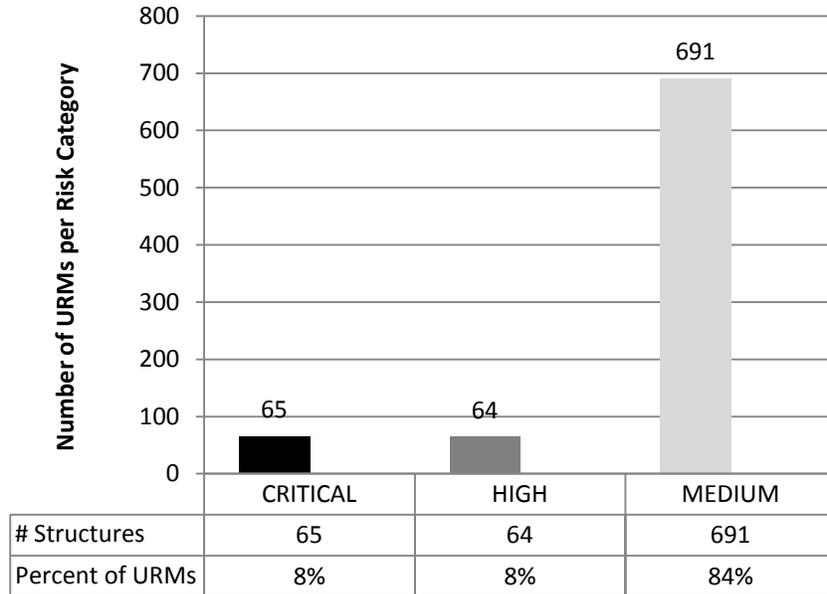
URM buildings > 100 occupants in assembly – excluding residential

- Note: FEMA occupancy ranges used for estimates include structures >100 occupants so that the recommendation of > 300 occupants is not attainable with current data
- Excludes Critical Risk structures and residential structures

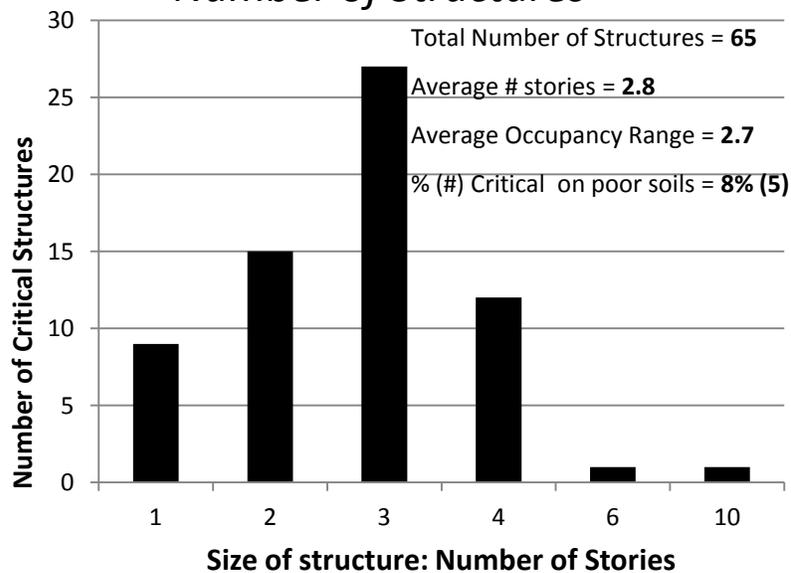
MEDIUM = Buildings not classified as CRITICAL or HIGH Risk

- All structures not in Critical or High Risk categories

Number of URM structures by Risk Category

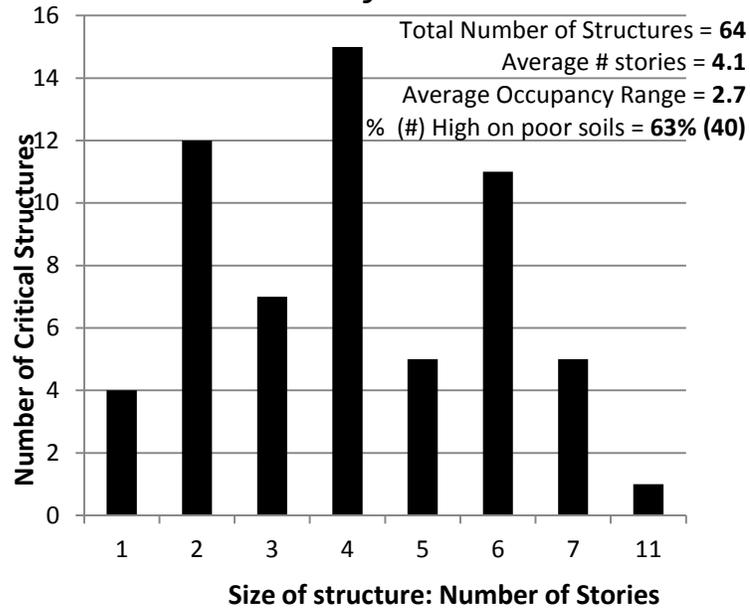


CRITICAL Risk Structures: *Size and Number of Structures*



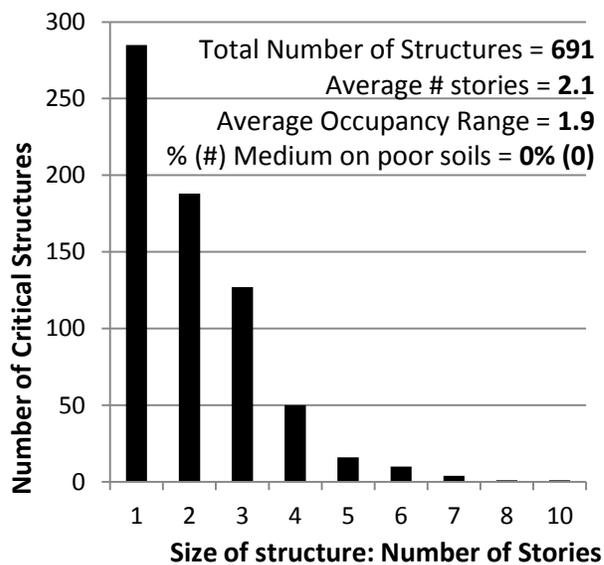
CRITICAL RISK: schools and critical facilities such as hospitals and fire stations

HIGH Risk Structures: *Size and Number of Structures*



HIGH RISK = URM buildings > 3 stories on poor soil (liquefaction or known slides)
 OR
 URM buildings > 100 occupants in assembly – excluding residential

MEDIUM Risk Structures: *Size and Number of Structures*



MEDIUM RISK = Buildings not classified as CRITICAL or HIGH Risk

| Characteristics of URM's with Child Care Uses * | | | | |
|--|---------------------|--------------------------|-----------------------|------------------------|
| Risk Category | Neighborhood | Number of Stories | Occupancy Type | Occupancy Range |
| C | Lk City | 2 | S | >100 |
| C | Greenwood/Greenlake | 3 | S | >100 |
| C | Ravenna | 2 | S | 11-100 |
| C | West Seattle | 3 | S | >100 |
| C | West Seattle | 2 | S | >100 |
| H | Greenwood/Greenlake | 3 | P | >100 |
| M | Columbia City | 2 | R/C | 11-100 |
| M | Columbia City | 2 | C | 11-100 |
| M | Crown Hill | 1 | C | 11-100 |
| M | PS/ID | 3 | C/O | 11-100 |
| M | Wallingford/Fremont | 1 | C | 11-100 |
| <p>* Note: Child-care uses were extracted from DPD permit records; no permit research was performed to determine if the child-care use is still present in these structures or if there are other existing child-care uses not captured in this estimate, or to determine the number of children in each building. The number of children can be estimated to be within the FEMA occupancy range noted.</p> | | | | |