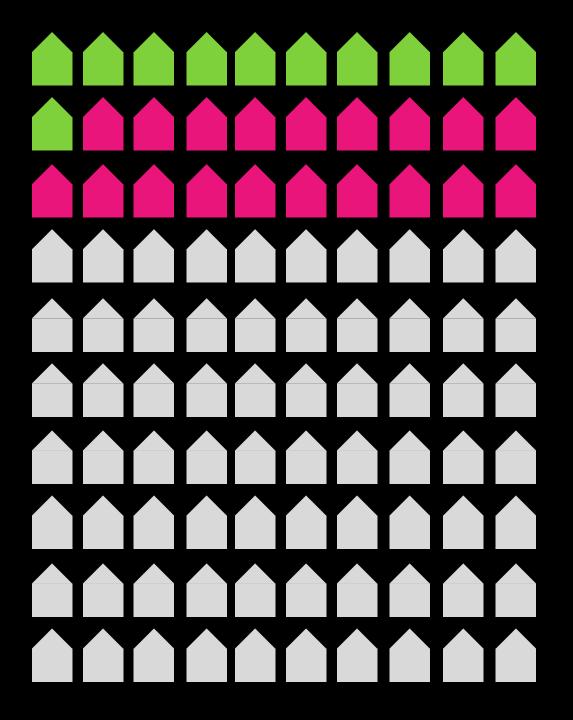


Housing Units in Sandy's Surge Area in New York City

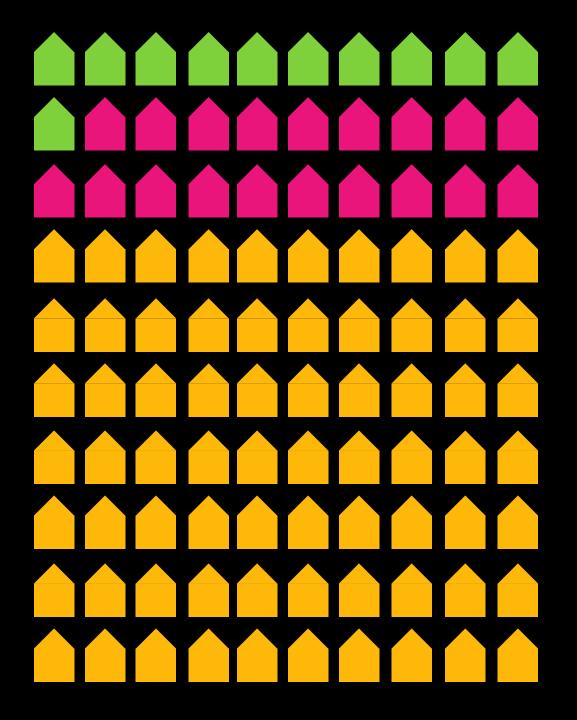
Single family – 11%



Housing Units in Sandy's Surge Area in New York City

Single family - 11%

2 – 4 family – 19%



Housing Units in Sandy's Surge Area in New York City

Single family - 11%

2 – 4 family – 19%

Multifamily - 70%

up to \$31,900 from FEMA for each household

up to \$31,900 from FEMA for each household

temporary housing

personal property damage

moving and storage

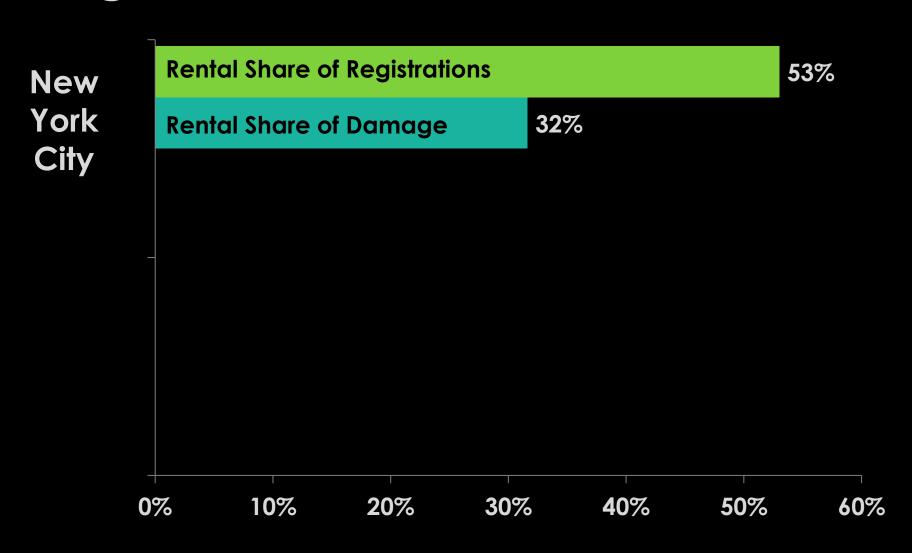
medical expenses

home repairs

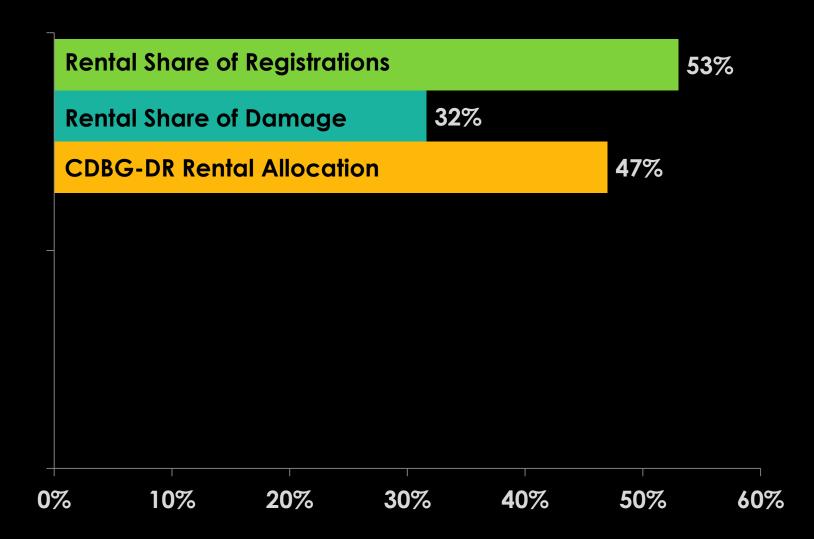
owners only

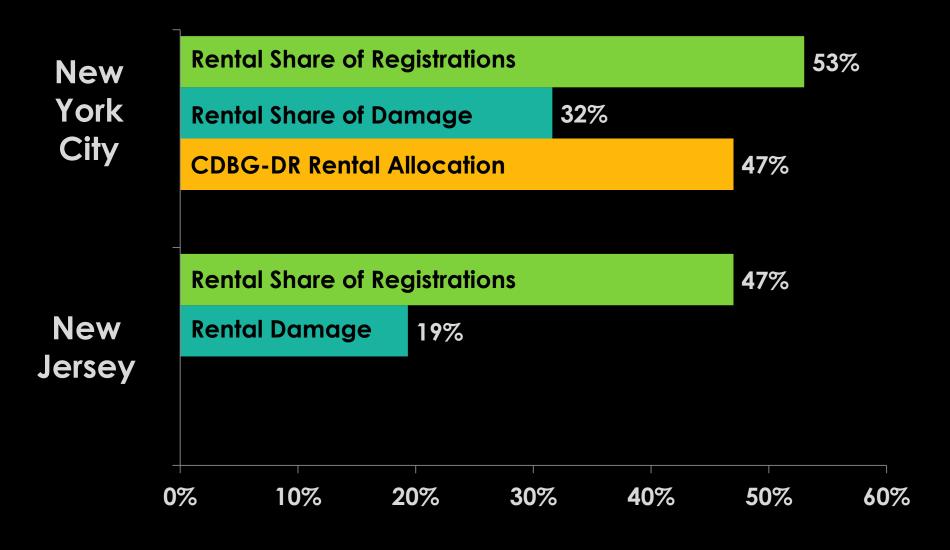
Data

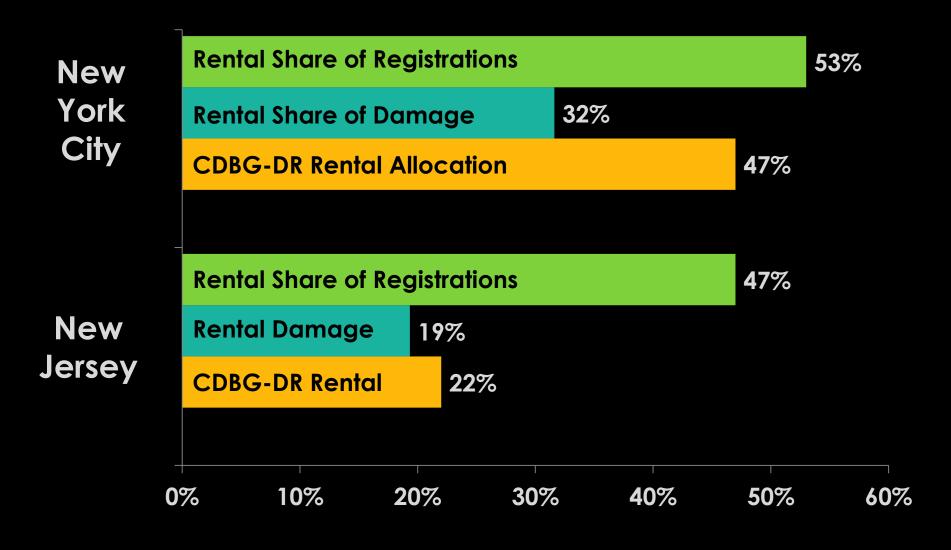
- FEMA Individual Assistance Registrations (HUD)
 - Block group level
 - Total number of individual assistance registrations
 - Renters
 - Owners
 - Total number of damage assessments
 - Renters
 - Owners



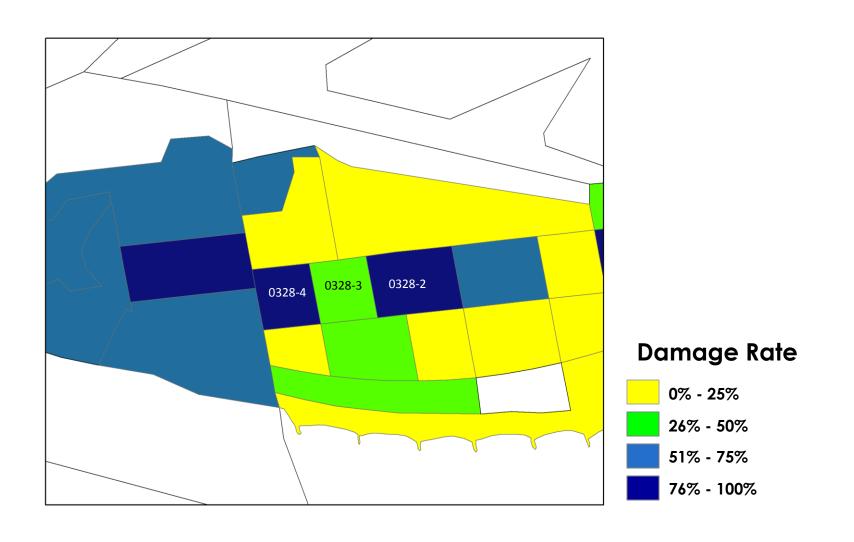
New York City



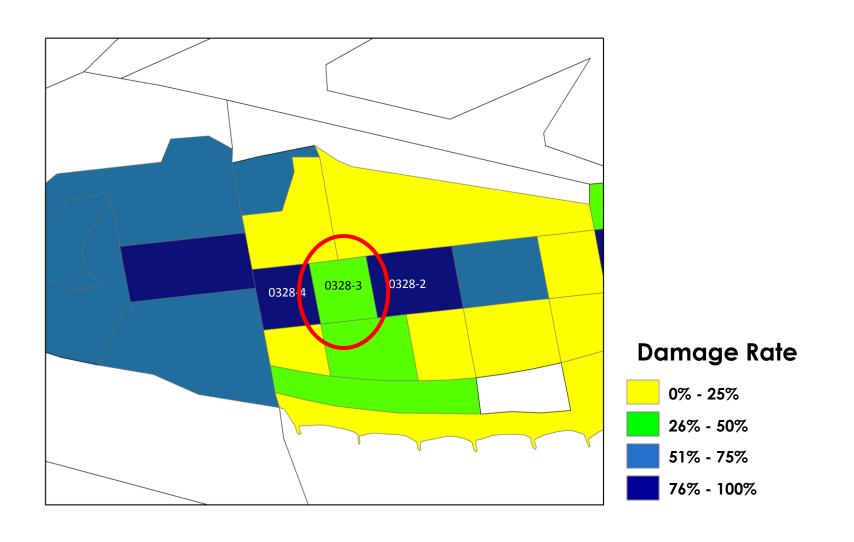




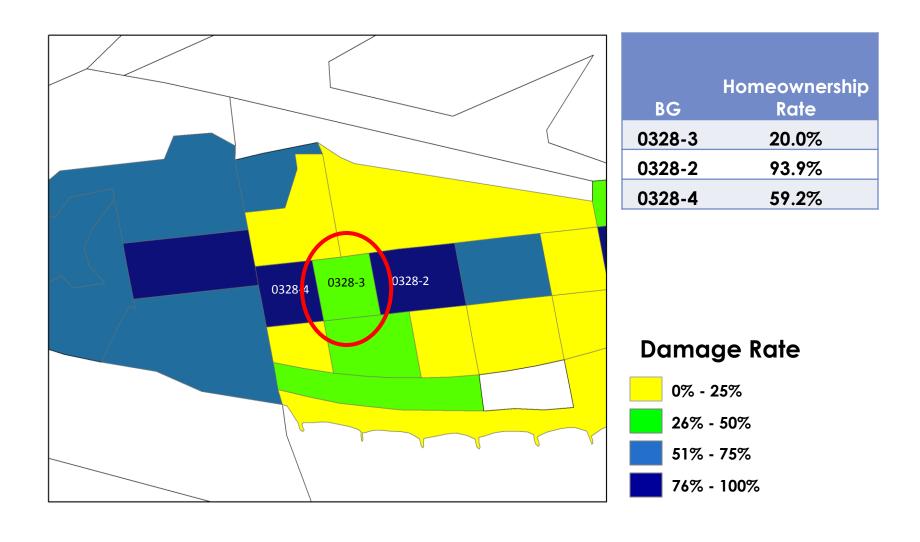
NY – Coney Island, Brooklyn



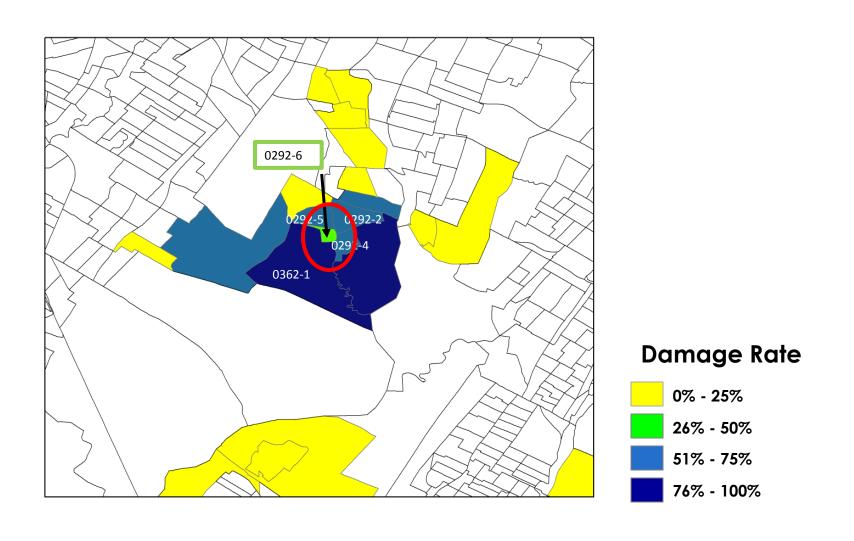
NY – Coney Island, Brooklyn



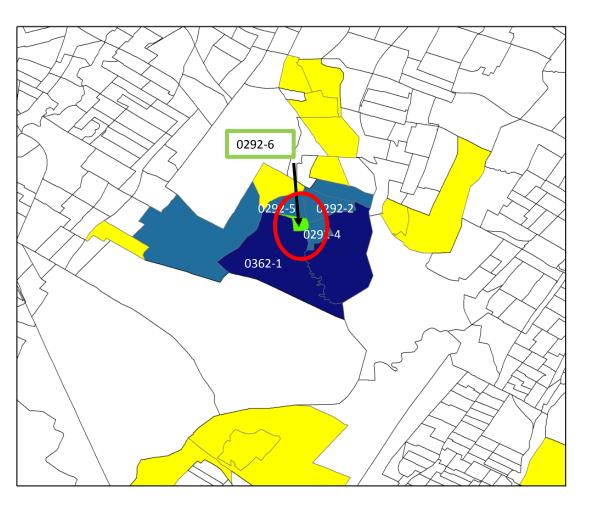
NY – Coney Island, Brooklyn



NJ – Bergen County

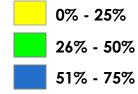


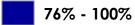
NJ – Bergen County



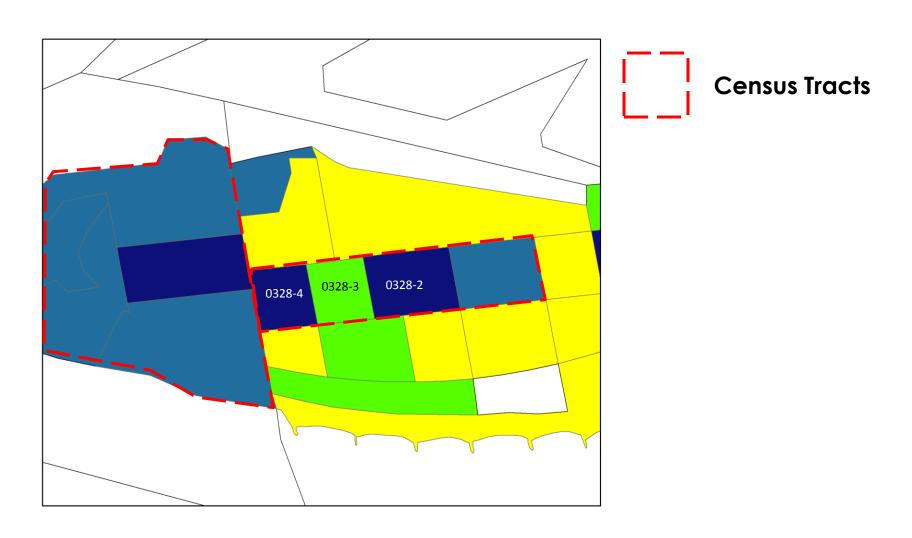
BG	Homeownership Rate
0292-6	23.0%
0292-2	52.5%
0292-4	78.9%
0292-5	53.2%
0362-1	85.2%

Damage Rate





Compare Census Block Groups within Census Tracts



Data

- FEMA Individual Assistance Registrations (HUD)
 - Block group level
 - Total number of individual assistance registrations
 - Renters
 - Owners
 - Total number of damage assessments
 - Renters
 - Owners

Data

- FEMA Individual Assistance Registrations (HUD)
- ACS 2007 2011
 - Homeownership Rate
 - Multifamily Share (5+ Units)
 - Tenure by Units in Building

Dependent Variable: Share of Households with FEMA Assessed Damage

	(1)	(2)	
Homeownership Rate	0.2364***		
	(0.0459)		
Multifamily Share		-0.3319***	
		(0.0372)	

Census Tract Fixed Effects X X
Observations 1,617 1,617

Clustered standard errors in parentheses. *** p<0.01, ** p<0.05, * p<0.1.

Dependent Variable: Share of Households with FEMA Assessed Damage

	(1)	(2)	(3)
Homeownership Rate	0.2364***		0.0787*
	(0.0459)		(0.0429)
Multifamily Share		-0.3319***	-0.2967***
		(0.0372)	(0.0382)

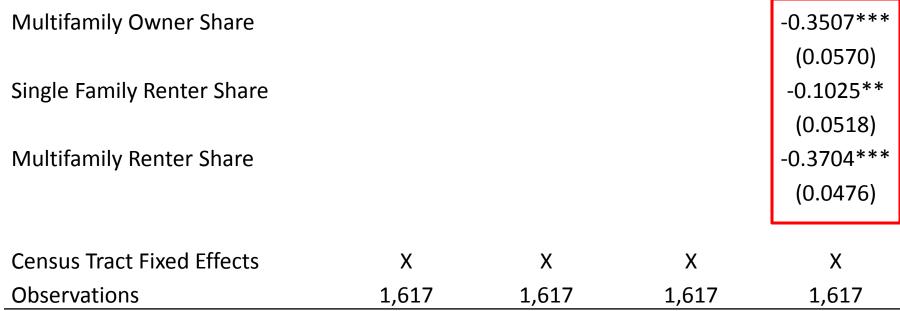
Census Tract Fixed Effects	X	X	X	
Observations	1,617	1,617	1,617	

Clustered standard errors in parentheses. *** p<0.01, ** p<0.05, * p<0.1.

Dependent Variable: Share of Households with FEMA Assessed Damage

	(1)	(2)	(3)	(4)
Homeownership Rate	0.2364***		0.0787*	
	(0.0459)		(0.0429)	
Multifamily Share		-0.3319***	-0.2967***	
,		(0.0372)	(0.0382)	

Detailed Tenure (Omitted Category: Single Family Homeowners)



Clustered standard errors in parentheses. *** p<0.01, ** p<0.05, * p<0.1.

