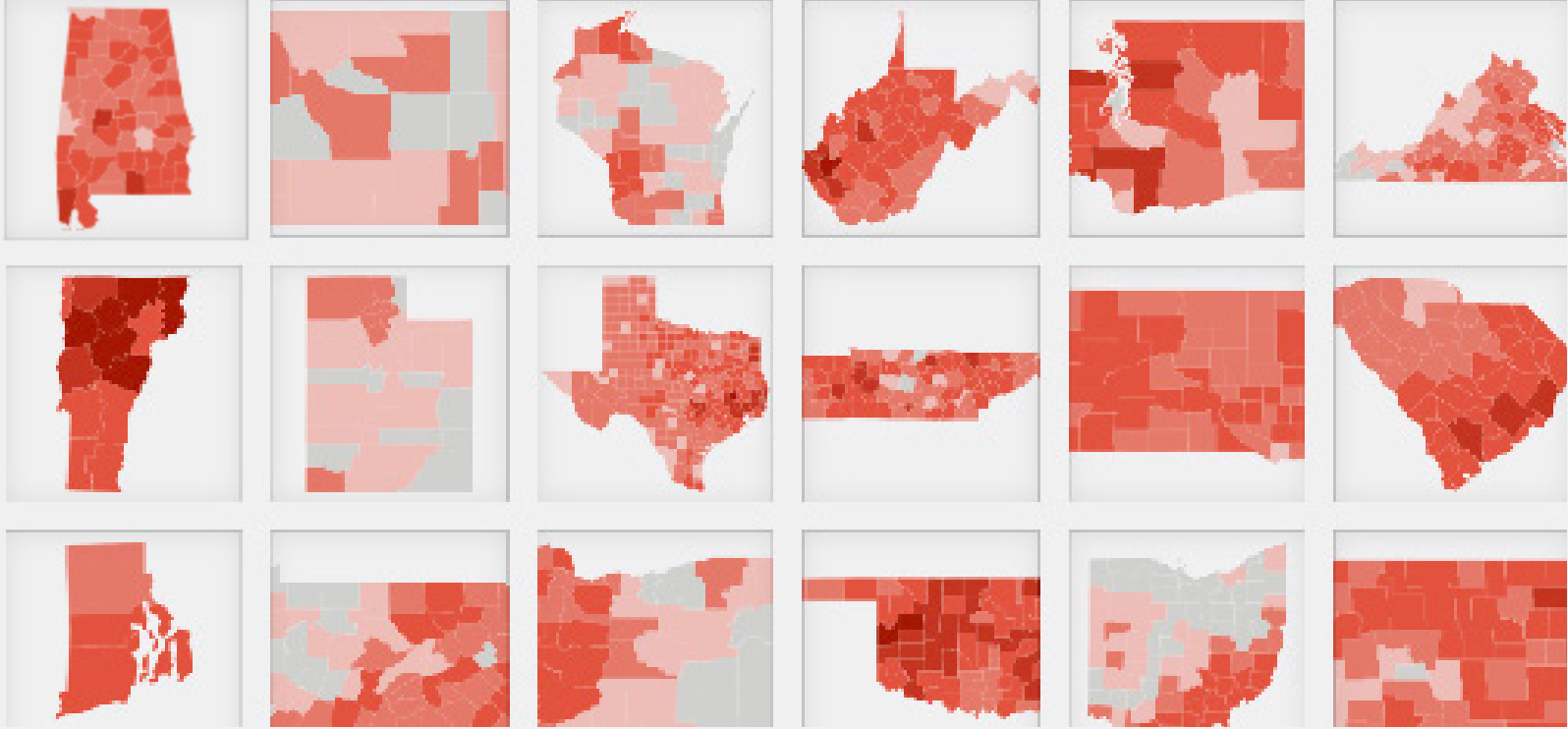
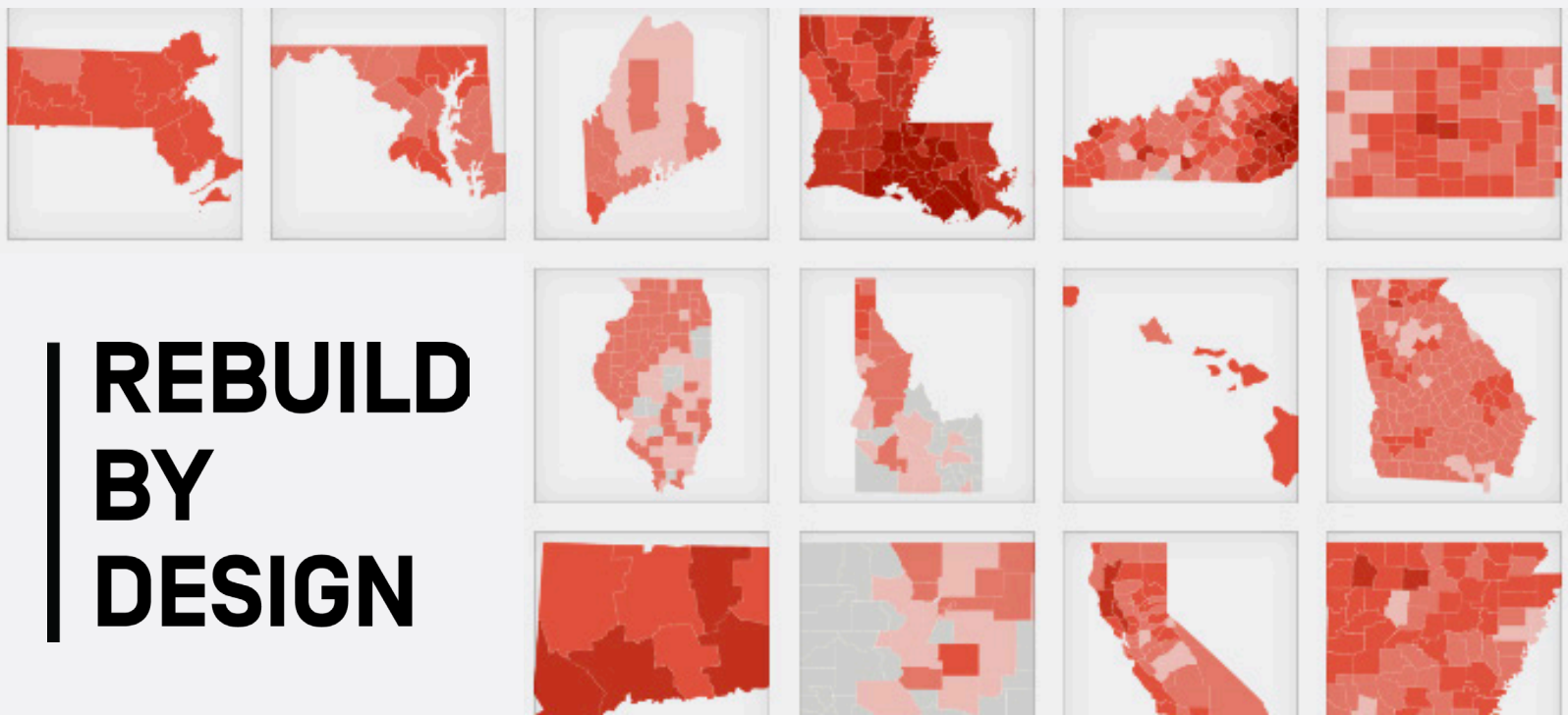




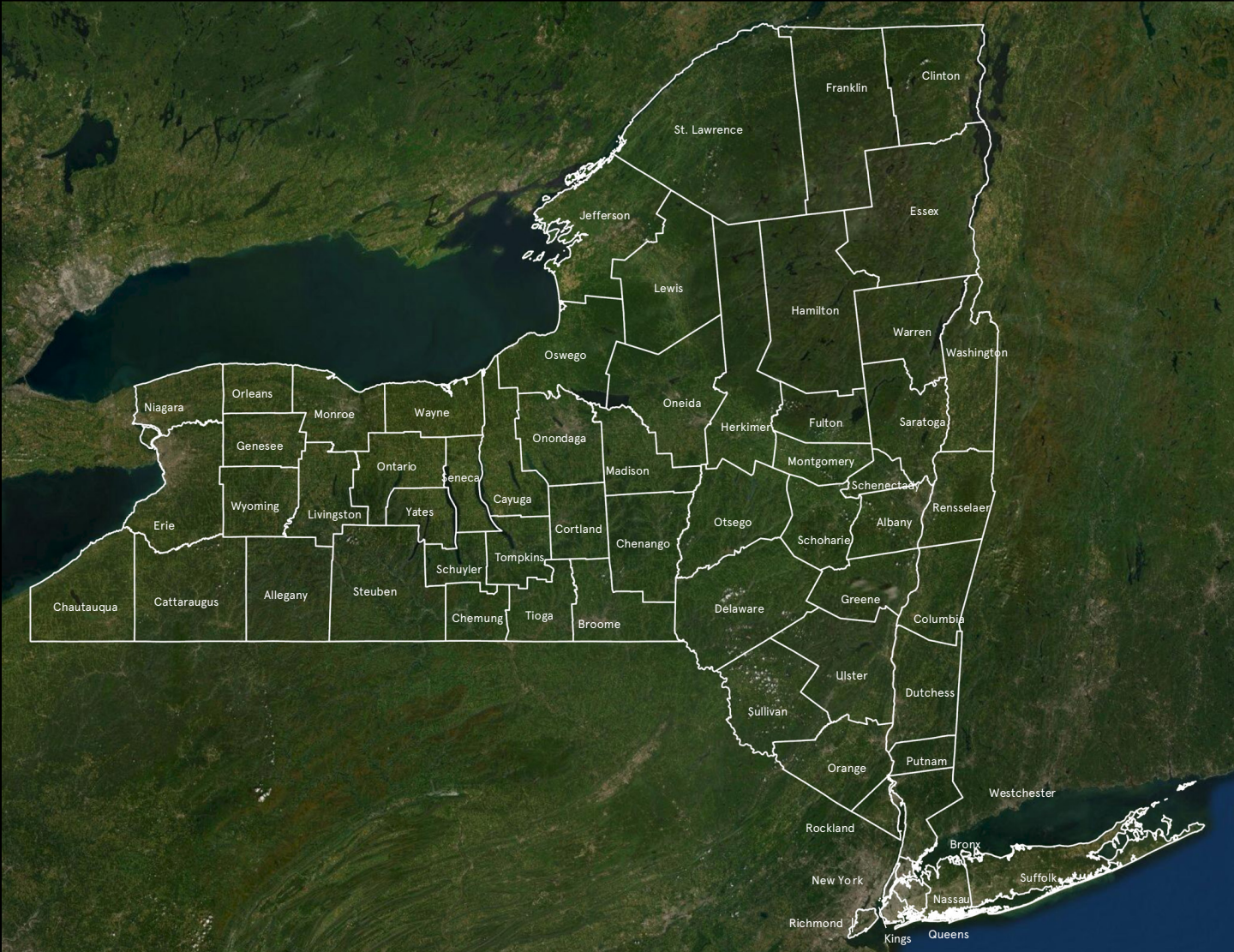
NEW YORK

ATLAS OF DISASTER



**REBUILD
BY
DESIGN**

NEW YORK



NEW YORK STATISTICS SUMMARY (2011 - 2024)

23	CLIMATE DISASTER DECLARATIONS
\$27.8 BILLION	FEMA + HUD POST-DISASTER FUNDING
20.1 MILLION PEOPLE	POPULATION TOTAL
\$1,385	PER CAPITA SPENDING ON CLIMATE DISASTERS
NASSAU & SUFFOLK (9 DISASTERS)	COUNTY WITH THE HIGHEST DISASTER OCCURRENCES
30	COUNTIES HAVE HAD FIVE OR MORE DISASTERS
6.9 MILLION PEOPLE	LIVE IN AREAS WITH VERY HIGH SOCIAL VULNERABILITY (SVI > 0.75)
3.4 HOURS	TOTAL OUTAGE DURATION (HOURS PER CUSTOMER PER YEAR)
C (2022)	ASCE INFRASTRUCTURE REPORT CARD GRADE
122	SUPERFUND SITES
\$19.3 BILLION	CLIMATE INFRASTRUCTURE SUPPORTED THROUGH SMALL INSURANCE SURCHARGE
9TH HIGHEST	RANK IN TOP 10 STATES WITH HIGHEST NUMBER OF DISASTER DECLARATIONS

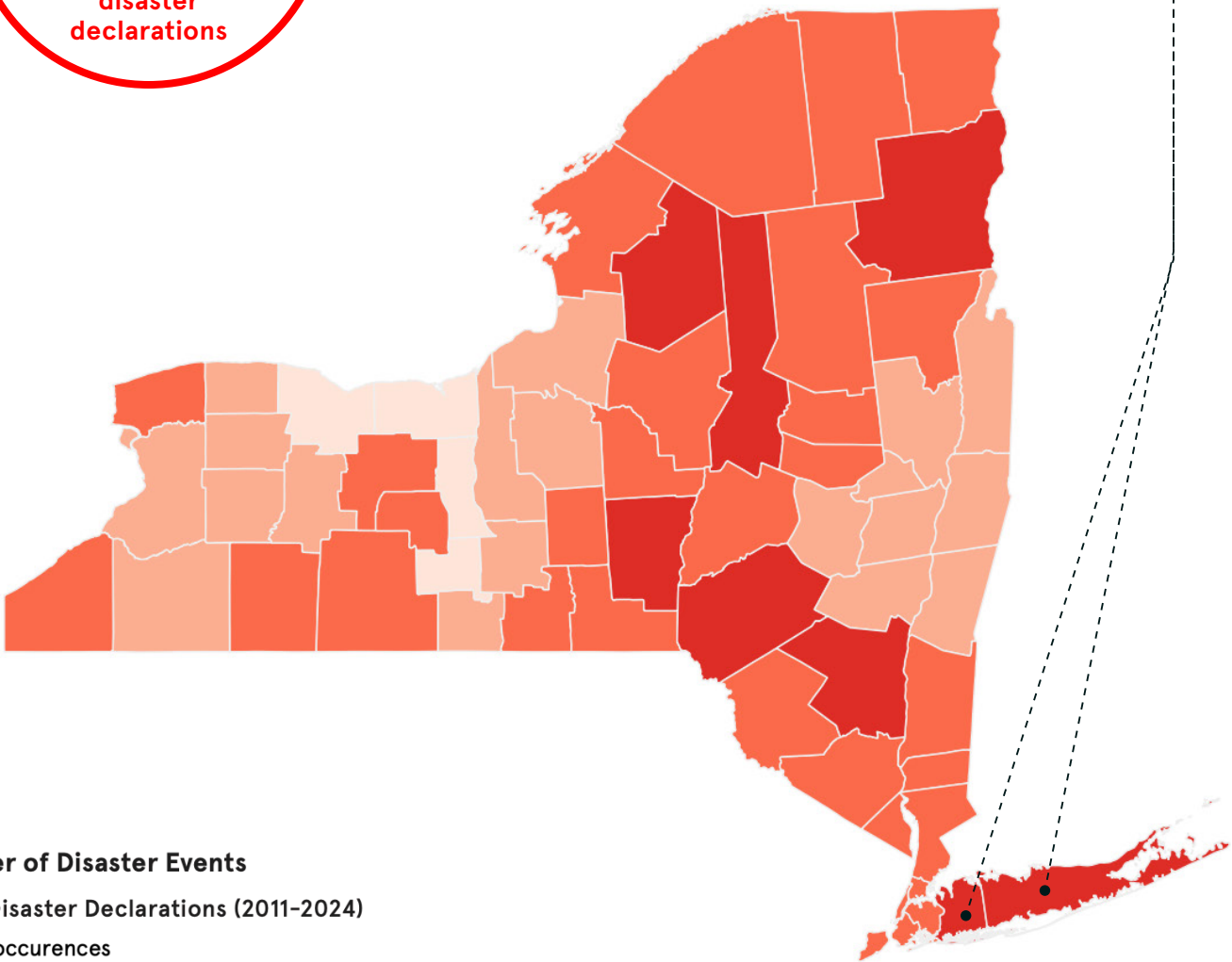
DISASTER OCCURRENCES 2011-2024

FEDERALLY DECLARED CLIMATE DISASTERS BY COUNTY

23
disaster
declarations

48% of counties in New York have had 5 or more recent disasters.

Nassau and Suffolk counties have each had 9 recent disasters.



MAP MADE BY REBUILD BY DESIGN
FEMA DATA COURTESY OF IPARAMETRICS

FEDERAL ASSISTANCE 2011-2024

POST-DISASTER PUBLIC ASSISTANCE AND HAZARD MITIGATION FUNDS
OBLIGATED BY COUNTY FOR CLIMATE DISASTERS

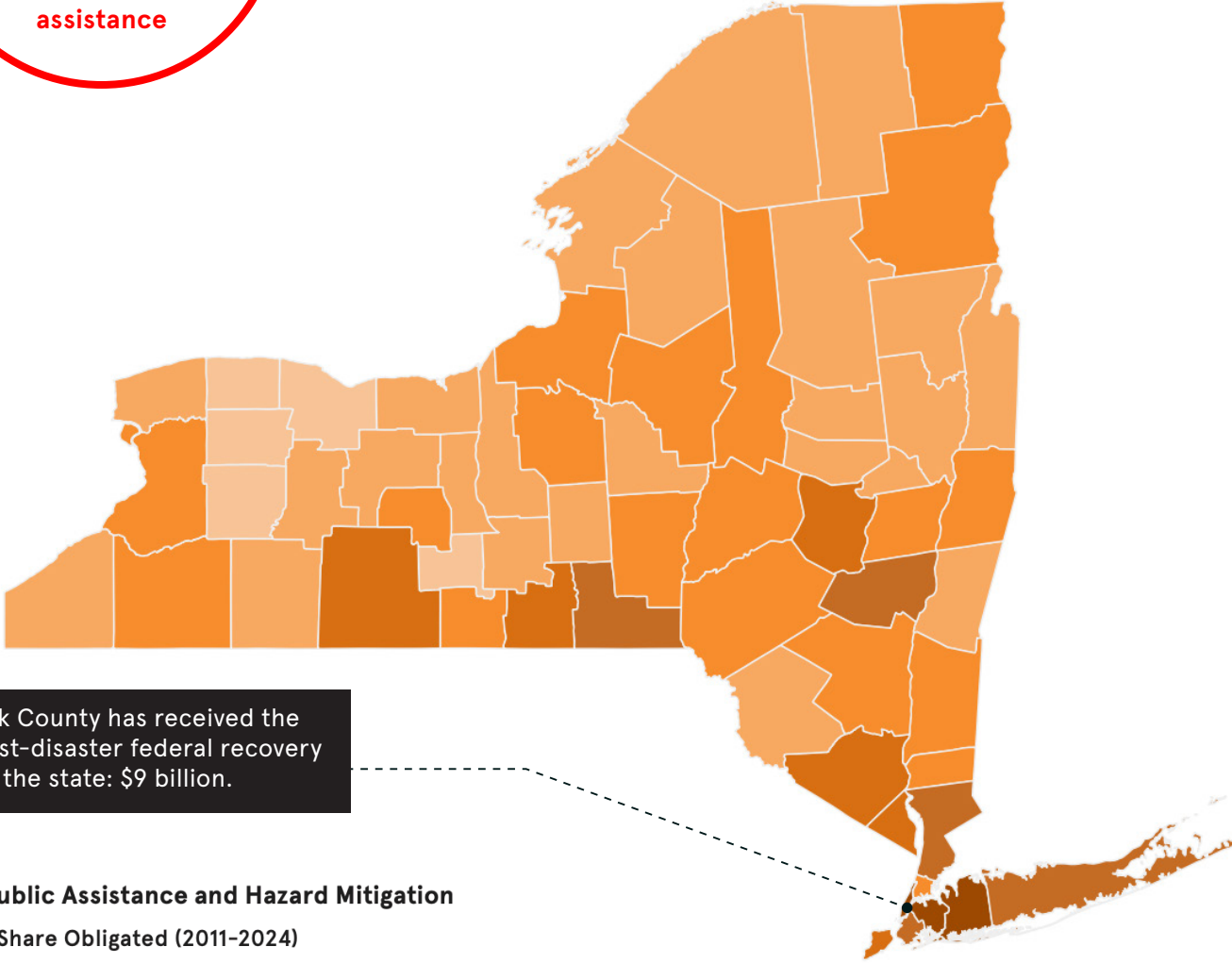
\$27.8B
post-disaster
assistance

\$18.7B FEMA obligations

\$9.2B HUD CDBG-DR Funds

\$27.8B FEMA + HUD assistance

\$1,3858 per capita cost



New York County has received the most post-disaster federal recovery funds in the state: \$9 billion.

MAP MADE BY REBUILD BY DESIGN
FEMA DATA COURTESY OF IPARAMETRICS

RENSSELAER COUNTY

HEAVY RAIN AND SEVER FLOODING CAUSE DAMAGE
IN SAND LAKE, CLOSING ROADS AND HIGHWAYS,
CAUSING POWER OUTAGES, AND CREATING A POTENTIAL
HAZARD FROM NEARBY TOXIC WASTE SITES

JULY 2021

IMAGE SOURCE: U.S. DEPARTMENT OF AGRICULTURE

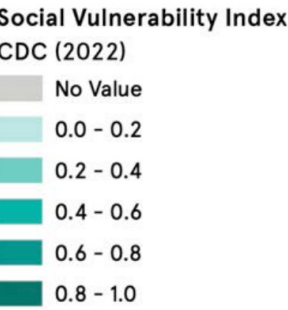
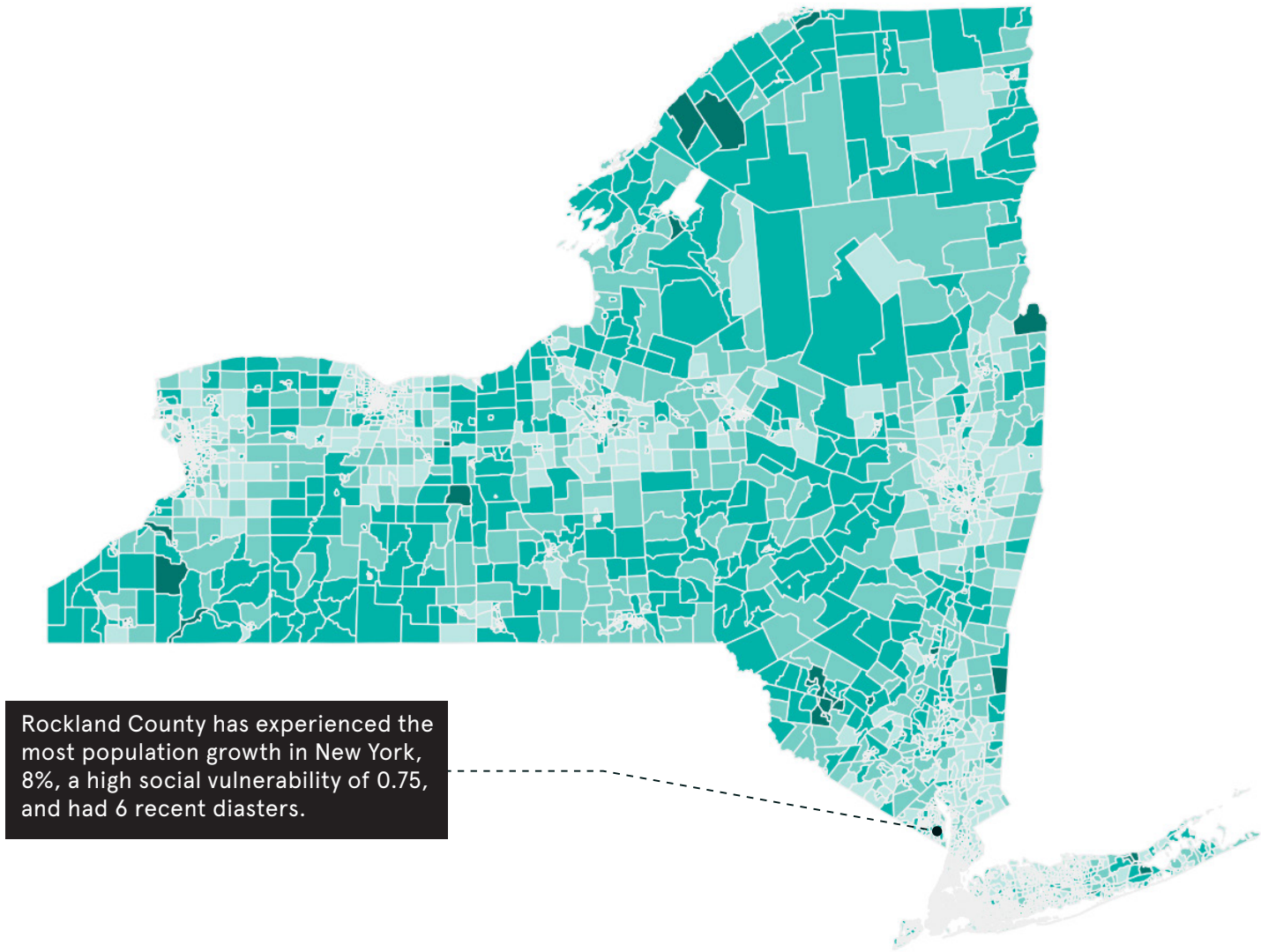


100%

Of New York's counties
have experienced a re-
cent climate disaster.

SOCIAL VULNERABILITY INDEX 2022

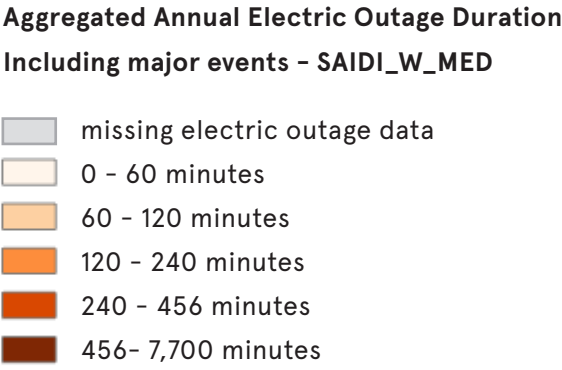
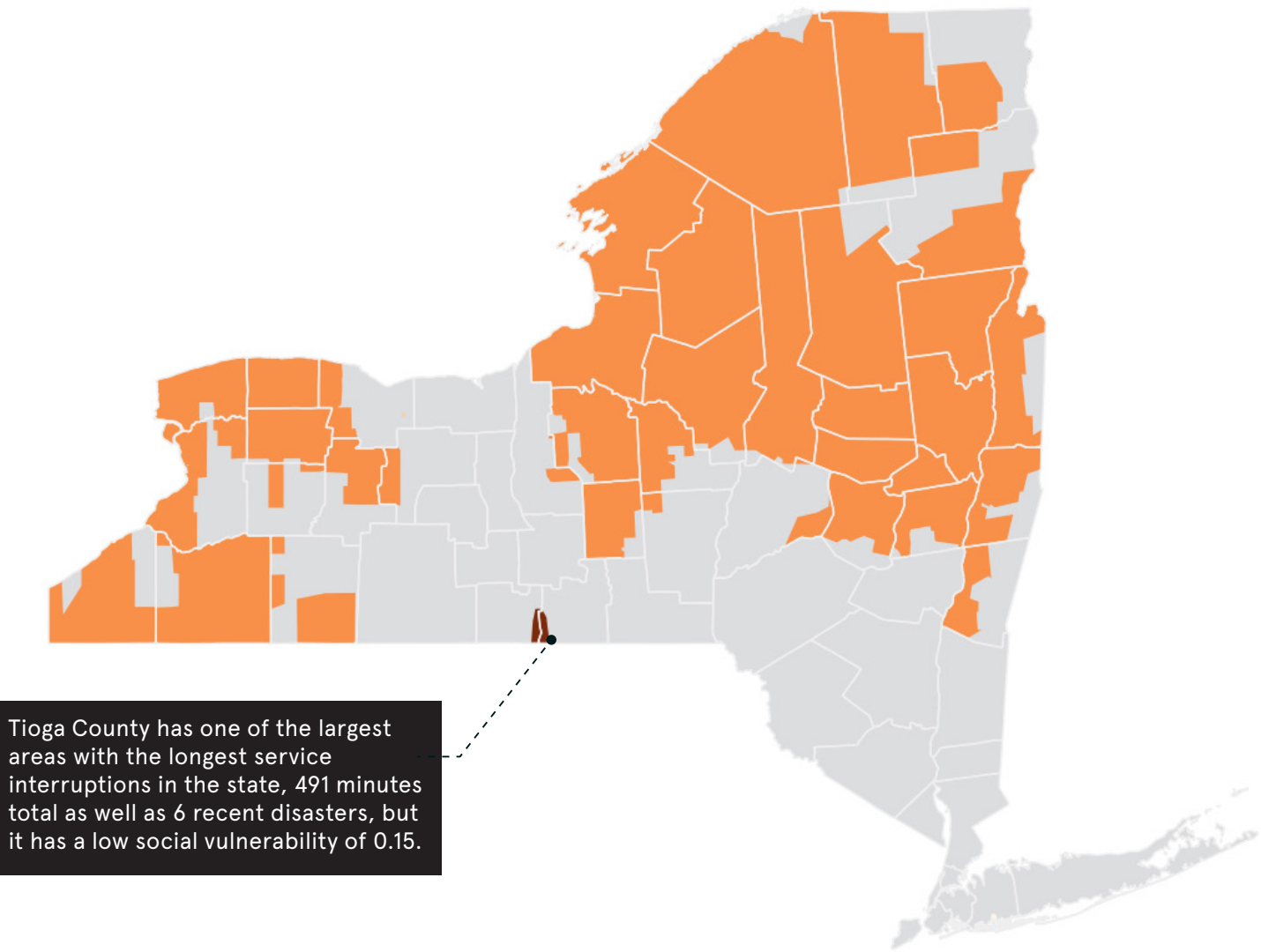
AREAS OF GREATEST SOCIAL VULNERABILITY



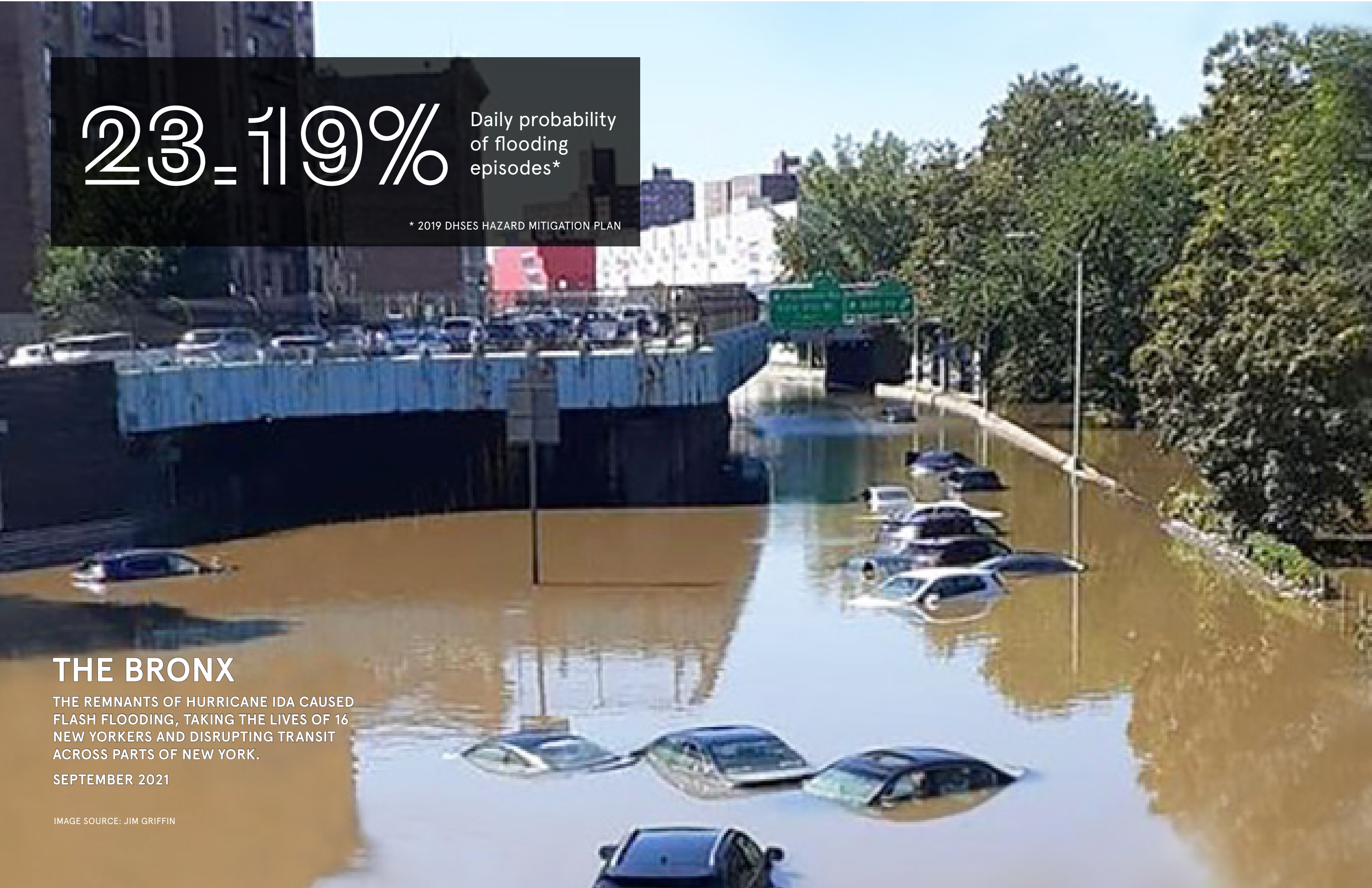
MAP MADE BY REBUILD BY DESIGN
DATA SOURCE: CDC/ATSDR 2022 SVI

ENERGY RELIABILITY 2023

COUNTIES AT GREATEST RISK OF POWER OUTAGES



MAP MADE BY REBUILD BY DESIGN
SOURCE: U.S. ENERGY INFORMATION ADMINISTRATION 2023



23-19%

Daily probability
of flooding
episodes*

* 2019 DHSES HAZARD MITIGATION PLAN

THE BRONX

THE REMNANTS OF HURRICANE IDA CAUSED
FLASH FLOODING, TAKING THE LIVES OF 16
NEW YORKERS AND DISRUPTING TRANSIT
ACROSS PARTS OF NEW YORK.

SEPTEMBER 2021

IMAGE SOURCE: JIM GRIFFIN

CLIMATE CHANGE INCREASES INEQUITIES

The impacts of storms and flooding disproportionately affect the most vulnerable people. Disasters are not created by natural events alone; rather, they are the product of natural events and a combination of social, political, and economic stressors. Therefore, as climate change increases the frequency of flooding, it will further reinforce underlying vulnerabilities and systemic inequality.

DURING A FLOOD

Low-income communities experience greater challenges evacuating due to the cost of transportation and relocation, placing them at a greater risk of injury, disease, or death.

Residents who do not leave during a storm have increased health risks, such as exposure to contaminated water, interrupted access to medical care, and difficulty acquiring food.

Low-income and minority populations, as well as elderly nursing home residents are more likely to have chronic health problems, increasing their vulnerability to other storm hazards.¹

AFTER A FLOOD

A medium-sized natural disaster leads to a 5% increase in the share of people with debt collections after one year, which doubles to 10% after four years.²

People in poverty are less likely to have flood insurance or to maintain flood insurance payments.

The Urban Institute has found that after 4 years, a medium-sized disaster has caused an average 31-point decline in credit scores for people living in communities of color, whereas people living in majority white communities experienced a 4-point decline.³

FEMA funding largely focuses on homeowners, meanwhile renters typically face rent hikes and mass evictions.

Lower income households may not have the financial and educational resources to advocate for fair buyouts, repair damages, and afford temporary housing.

After federal aid has been distributed to communities that have experienced a disaster, predominantly white, well-educated home-owners experience a significant increase in wealth. Conversely, communities of color, particularly those who are less educated renters, experience a decline in wealth.⁴

1. Lane et al, "Health Effects of Coastal Storms and Flooding in Urban Areas: A Review and Vulnerability Assessment," 2013.
2. Urban Institute, "Insult to Injury: Natural Disasters and Residents' Financial Health," 2019.
3. Urban Institute, 2019.
4. Howell & Elliott, "Damages Done, the Longitudinal Impacts of Natural Hazards on Wealth Inequality in the United States,"; Muñoz & Tate, "Unequal Recovery? Federal Resource Distribution after Midwest Flood Disaster," 2016.

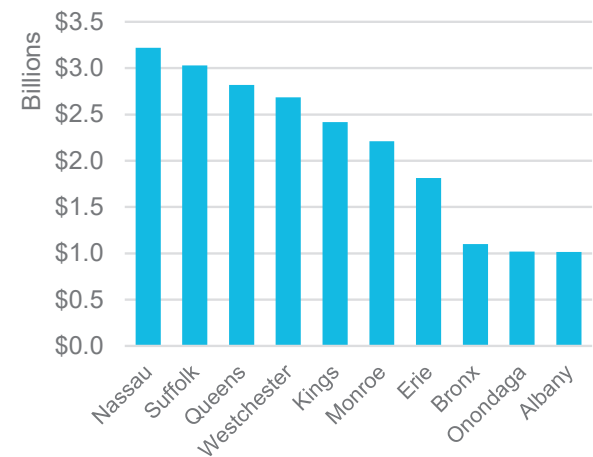
THE COST OF DISASTERS

Benefit - Cost Ratio for Investing in Hazard Mitigation Infrastructure



The National Institute of Building Sciences (NIBS) found that every \$1 invested in disaster mitigation by three federal agencies (FEMA, EDA, & HUD) saves society \$6.

Cost of Inaction 2020-2029



AECOM conservatively estimates that the cost of inaction (doing nothing) will be \$55 billion in the next decade for coastal storm and flood-event-related damages.

THIS FUND SHOULD SUPPORT GREEN INFRASTRUCTURE, GREY INFRASTRUCTURE, AND A PROGRAM TO BUY-OUT PROPERTY IN HARM'S WAY

Project types range from green infrastructure, such as wetlands restoration or bioswales for stormwater management, to grey infrastructure, such as right-sizing a dam or bridge.

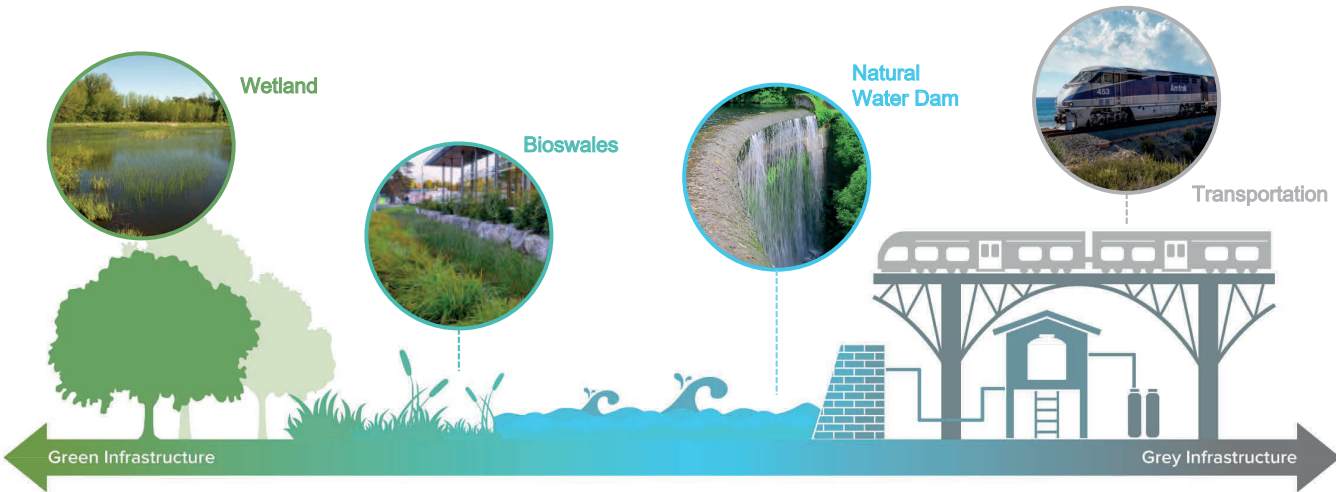
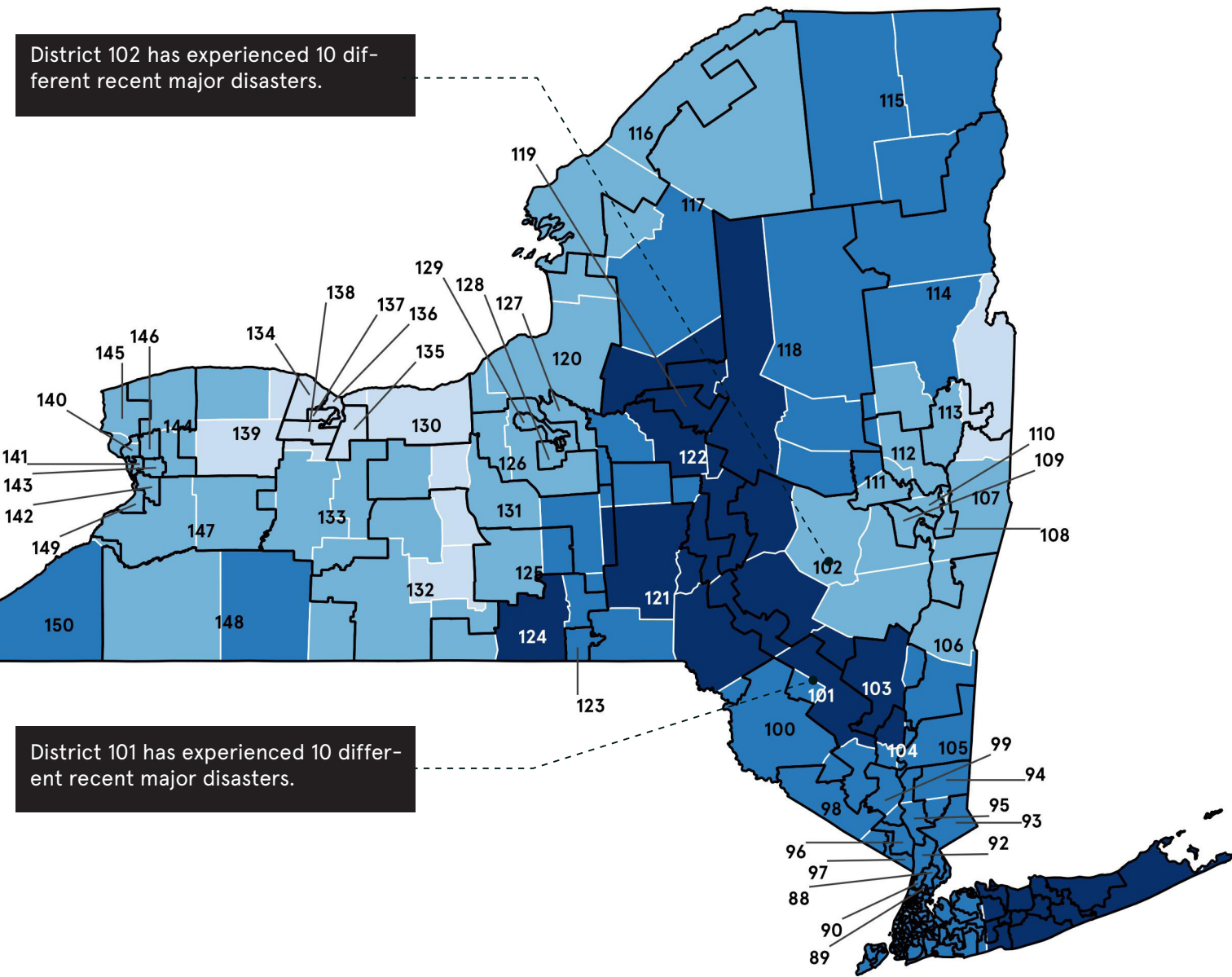


IMAGE SOURCE: BURO HAPPOLD

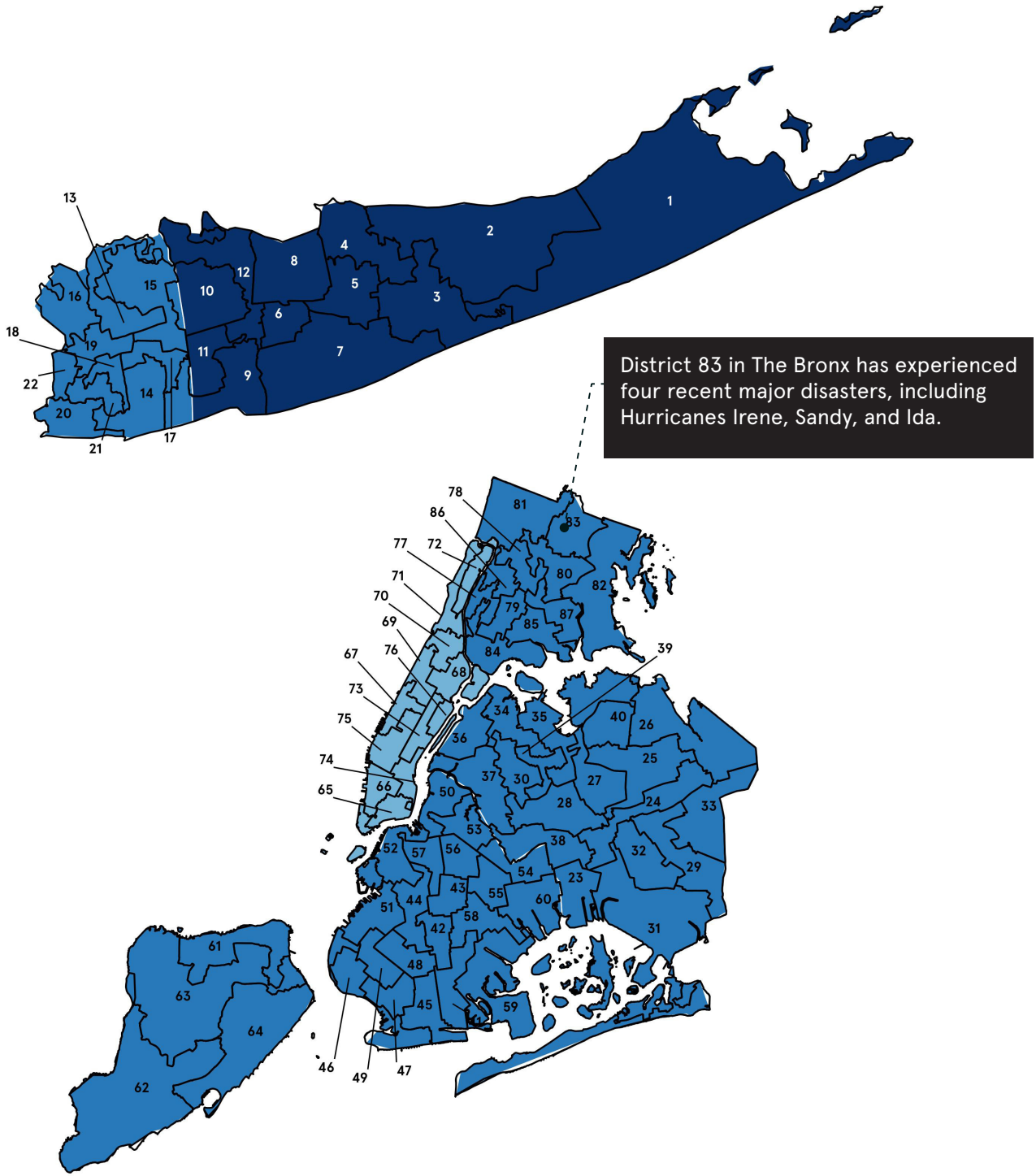
NYS ASSEMBLY DISTRICTS

MAJOR DISASTER DECLARATIONS 2011-2021



NYS ASSEMBLY DISTRICTS

MAJOR DISASTER DECLARATIONS 2011-2021: NEW YORK CITY & LONG ISLAND



NYS DISASTER OCCURRENCES 2011-2021

ASSEMBLY DISTRICTS

DISTRICT REPRESENTATIVE		COUNTIES (# OF DISASTERS)
1	Fred Thiele	Suffolk (7)
2	Jodi Giglio	Suffolk (7)
3	Joseph DeStefano	Suffolk (7)
4	Edward Flood	Suffolk (7)
5	Doug Smith	Suffolk (7)
6	Philip Ramos	Suffolk (7)
7	Jarett Gandolfo	Suffolk (7)
8	Michael Fitzpatrick	Suffolk (7), Nassau (5)
9	Michael Durso	Suffolk (7), Nassau (5)
10	Steve Stern	Suffolk (7), Nassau (5)
11	Kimberly Jean-Pierre	Suffolk (7)
12	Keith Brown	Suffolk (7), Nassau (5)
13	Charles Lavine	Nassau (5)
14	David McDonough	Nassau (5)
15	Jake Blumencranz	Nassau (5)
16	Gina Sillitti	Nassau (5)
17	John Mikulin	Nassau (5)
18	Taylor Darling	Nassau (5)
19	Edward Ra	Nassau (5)
20	Eric Ari Brown	Nassau (5)
21	Brian Curran	Nassau (5)
22	Michaelle Solages	Nassau (5)
23	Stacey G. Pheffer Amato	Queens (5)
24	David Weprin	Queens (5)
25	Nily Rozic	Queens (5)

Blue text indicates districts that encompass a county with six or more disasters.

NYS DISASTER OCCURRENCES 2011-2021

ASSEMBLY DISTRICTS CONTINUED

DISTRICT REPRESENTATIVE		COUNTIES (# OF DISASTERS)
26	Edward Braunstein	Queens (5)
27	Daniel Rosenthal	Queens (5)
28	Andrew Hevesi	Queens (5)
29	Alicia Hyndman	Queens (5)
30	Steven Raga	Queens (5)
31	Khaleel Anderson	Queens (5)
32	Vivian Cook	Queens (5)
33	Clyde Vanel	Queens (5)
34	Jessica González-Rojas	Queens (5)
35	Jeffrion Aubry	Queens (5)
36	Zohran Kwame Mamdani	Queens (5)
37	Juan Ardila	Queens (5)
38	Jenifer Rajkumar	Queens (5)
39	Catalina Cruz	Queens (5)
40	Ron Kim	Queens (5)
41	Helene Weinstein	Kings (4)
42	Rodneyse Bichotte Hermelyn	Kings (4)
43	Brian A. Cunningham	Kings (4)
44	Robert C. Carroll	Kings (4)
45	Michael Novakhov	Kings (4)
46	Alec Brook-Krasny	Kings (4)
47	William Colton	Kings (4)
48	Simcha Eichenstein	Kings (4)
49	Lester Chang	Kings (4)
50	Emily Gallagher	Kings (4)

DISASTER OCCURRENCES 2011-2021

ASSEMBLY DISTRICTS CONTINUED

DISTRICT REPRESENTATIVE		COUNTIES (# OF DISASTERS)
51	Marcela Mitaynes	Kings (4)
52	Jo Anne Simon	Kings (4)
53	Maritza Davila	Kings (4)
54	Erik Dilan	Kings (4)
55	Latrice Walker	Kings (4)
56	Stefani Zinerman	Kings (4)
57	Phara Souffrant Forrest	Kings (4)
58	Monique Chandler-Waterman	Kings (4)
59	Jaime Williams	Kings (4)
60	Nikki Lucas	Kings (4)
61	Charles Fall	Richmond (5), Kings (4), New York (3)
62	Michael Reilly	Richmond (5)
63	Samuel Pirozzolo	Richmond (5)
64	Michael Tannousis	Richmond (5), Kings (4)
65	Grace Lee	New York (3)
66	Deborah Glick	New York (3)
67	Linda Rosenthal	New York (3)
68	Edward Gibbs	New York (3)
69	Daniel O'Donnell	New York (3)
70	Inez Dickens	New York (3)
71	Alfred Taylor	New York (3)
72	Manny De Los Santos	New York (3)
73	Alex Bores	New York (3)
74	Harvey Epstein	New York (3)
75	Tony Simone	New York (3)

NYS DISASTER OCCURRENCES 2011-2021

ASSEMBLY DISTRICTS CONTINUED

DISTRICT REPRESENTATIVE		COUNTIES (# OF DISASTERS)
76	Rebecca Seawright	New York (3)
77	Latoya Joyner	The Bronx (4)
78	George Alvarez	The Bronx (4)
79	Chantel Jackson	The Bronx (4)
80	John Zaccaro Jr.	The Bronx (4)
81	Jeffrey Dinowitz	The Bronx (4)
82	Michael Benedetto	The Bronx (4)
83	Carl Heastie	The Bronx (4)
84	Amanda Septimo	The Bronx (4)
85	Kenneth Burgos	The Bronx (4)
86	Yudelka Tapia	The Bronx (4)
87	Karines Reyes	The Bronx (4)
88	Amy Paulin	Westchester (4)
89	J. Gary Pretlow	Westchester (4)
90	Nader Sayegh	Westchester (4)
91	Steven Otis	Westchester (4)
92	MaryJane Shimsky	Westchester (4)
93	Chris Burdick	Westchester (4)
94	Matthew Slater	Westchester (4), Putnam (4)
95	Dana Levenberg	Westchester (4), Putnam (4)
96	Kenneth Zebrowski	Rockland (5)
97	John W. McGowan	Rockland (5)
98	Karl Brabenec	Rockland (5), Orange (4)
99	Christopher Eachus	Rockland (5), Orange (4)
100	Aileen Gunther	Otsego (6), Orange (4), Sullivan (4)

DISASTER OCCURRENCES 2011–2021

ASSEMBLY DISTRICTS CONTINUED

DISTRICT REPRESENTATIVE		COUNTIES (# OF DISASTERS)
101	Brian Maher	Delaware (7), Otsego (6), Orange (4), Sullivan (4), Madison (4)
102	Christopher Tague	Delaware (7), Otsego (6), Ulster (6), Greene (3), Schoharie (3), Albany (2)
103	Sarahana Shrestha	Ulster (6)
104	Jonathan Jacobson	Ulster (6), Orange (4), Dutchess (4)
105	Anil Beephan Jr.	Dutchess (4)
106	Didi Barrett	Dutchess (4), Columbia (3)
107	Scott H. Bendett	Columbia (3), Rensselaer (3), Albany (2), Washington (1)
108	John McDonald III	Rensselaer (3), Saratoga (3), Albany (2)
109	Patricia Fahy	Albany (2)
110	Phil Steck	Schenectady (3), Albany (2)
111	Angelo Santabarbara	Montgomery (5), Schenectady (3)
112	Mary Beth Walsh	Fulton (4), Schenectady (3), Saratoga (3)
113	Carrie Woerner	Warren (4), Saratoga (3), Washington (1)
114	Matthew Simpson	Essex (5), Saratoga (3), Washington (1)
115	D. Billy Jones	Essex (5), Clinton (4), Franklin (4)
116	Scott Gray	Jefferson (3), St. Lawrence (2)
117	Kenneth Blankenbush	Oneida (6), Lewis (5), Jefferson (3), St. Lawrence (2)
118	Robert Smullen	Herkimer (7), Oneida (6), Montgomery (5), Fulton (4), Hamilton (4)
119	Marianne Buttenschon	Oneida (6)
120	William Barclay	Jefferson (3), Cayuga (2), Oswego (2),
121	Joe Angelino	Delaware (7), Chenango (6), Otsego (6), Broome (5), Madison (4), Sullivan (4)
122	Brian Miller	Herkimer (7), Otsego (6), Oneida (6), Madison (4)
123	Donna Lupardo	Broome (5)
124	Christopher Friend	Tioga (6), Broome (5), Chemung (3)
125	Anna Kelles	Cortland (4), Tompkins (2)

NYS DISASTER OCCURRENCES 2011–2021

ASSEMBLY DISTRICTS CONTINUED

DISTRICT REPRESENTATIVE		COUNTIES (# OF DISASTERS)
126	John Lemondes Jr.	Tompkins (2), Cayuga (2), Onondaga (2)
127	Al Stirpe	Madison (4), Onondago (2)
128	Pamela Hunter	Onondago (2)
129	William Magnarelli	Onondago (2)
130	Brian Manktelow	Monroe (1), Wayne (1)
131	Jeff Gallahan	Chenango (6), Broome (5), Cortland (4), Madison (4), Ontario (2), Cayuga (2), Seneca (1)
132	Philip Palmesano	Chemung (3), Steuben (3), Yates (3), Seneca (1), Schuyler (1)
133	Marjorie Byrnes	Steuben (3), Livingston (2), Ontario (2), Wyoming (2), Monroe (1)
134	Josh Jensen	Monroe (1)
135	Jennifer Lunsford	Monroe (1)
136	Sarah Clark	Monroe (1)
137	Demond Meeks	Monroe (1)
138	Harry Bronson	Monroe (1)
139	Stephen Hawley	Orleans (3), Erie (2), Monroe (1), Genesee (1)
140	William Conrad	Niagara (3), Erie (2)
141	Crystal Peoples-Stokes	Erie (2)
142	Patrick Burke	Erie (2)
143	Monica P. Wallace	Erie (2)
144	Michael J. Norris	Niagara (3), Erie (2)
145	Angelo J. Morinello	Niagara (3), Erie (2)
146	Karen McMahon	Erie (2)
147	David DiPietro	Erie (2), Wyoming (2)
148	Joseph Giglio	Allegany (4), Steuben (3), Cattaraugus (2)
149	Jonathan Rivera	Erie (2)
150	Andrew Goodell	Chautauqua (4), Erie (2)



39

Deaths from
Winter Storm Elliott in Buf-
falo in December 2022.

ERIE COUNTY

A JANUARY NOR'EASTER BRINGS HEAVY SNOWFALL
TO DOWNTOWN BUFFALO, LEAVING RESIDENTS
TO SHOVEL OUT SEVERAL FEET OF SNOW

JANUARY 2022

IMAGE SOURCE: ANDRE CARROTFLOWER



\$1,348

Per capita cost of disasters in federal assistance. The second highest per capita cost in the country.

BROOME COUNTY

REMNANTS FROM TROPICAL STORM LEE CAUSE
FLOODING IN DOWNTOWN BINGHAMTON

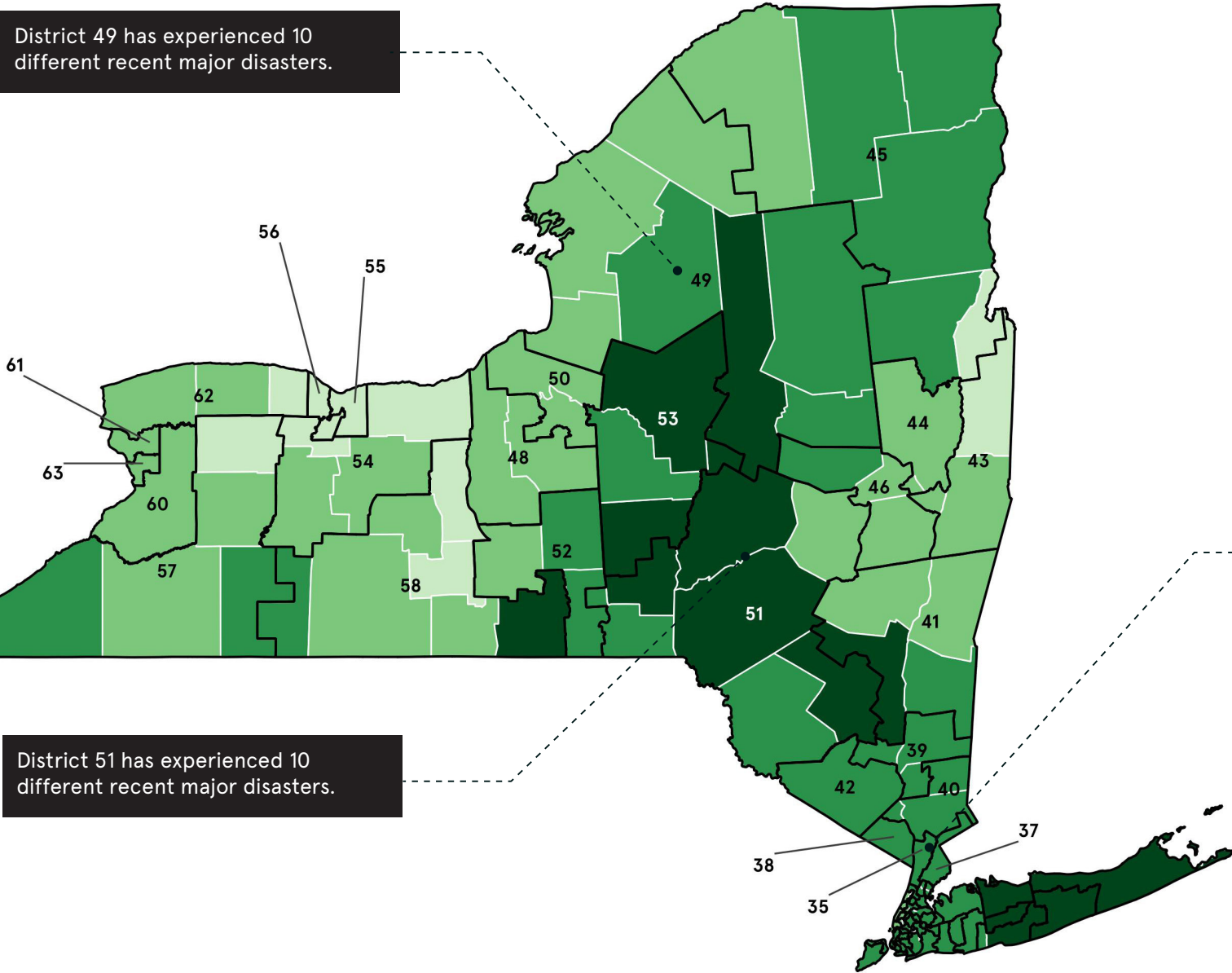
SEPTEMBER 2011

IMAGE SOURCE: NOAA

NYS SENATE DISTRICTS

MAJOR DISASTER DECLARATIONS 2011-2021

District 49 has experienced 10 different recent major disasters.



Major Disaster Declarations (2011-2021)

- 1 occurrence
- 2 to 3 occurrences
- 4 to 5 occurrences
- 6 to 7 occurrences

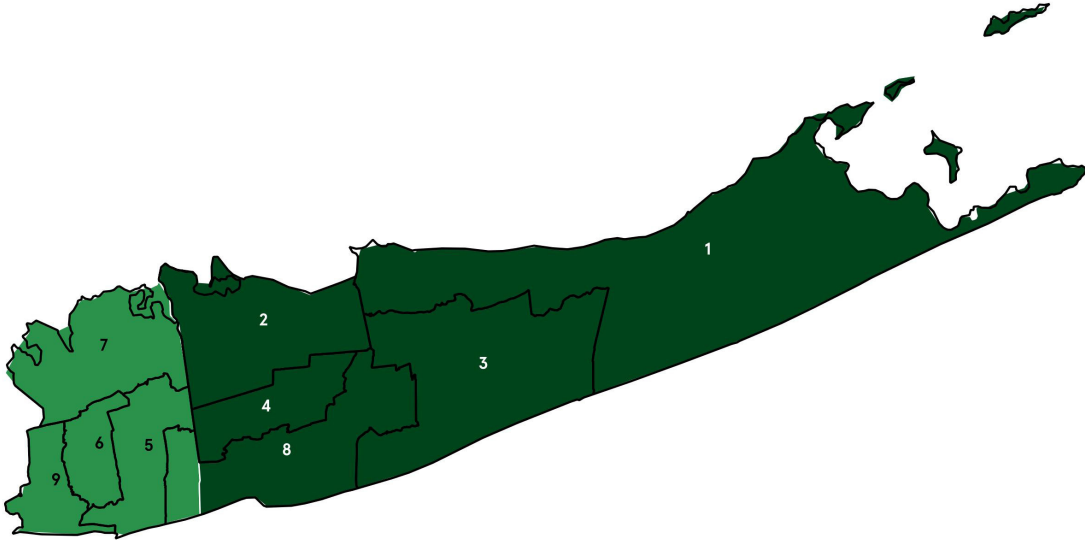
Senate Districts



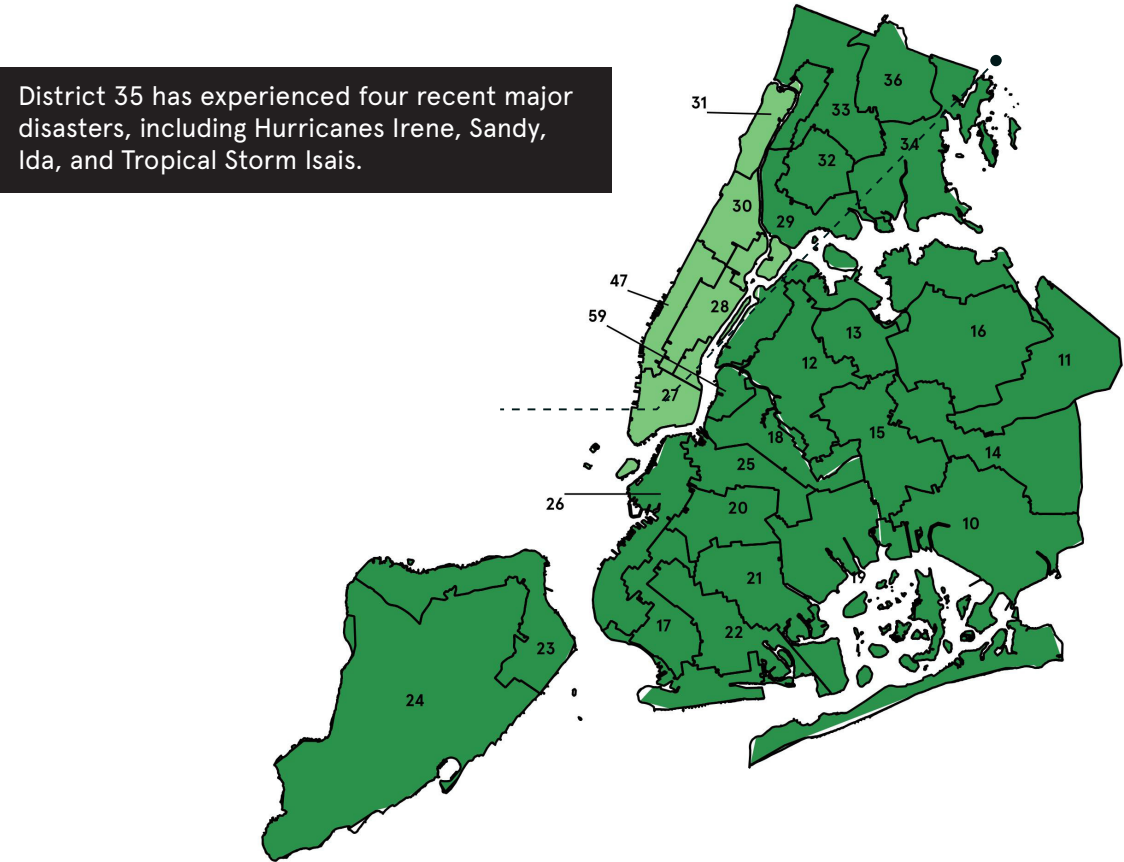
Source: FEMA 2021; NYS Legislative Boundaries
Maps courtesy of iParameters

NYS SENATE DISTRICTS

MAJOR DISASTER DECLARATIONS 2011-2021: NEW YORK CITY & LONG ISLAND



District 35 has experienced four recent major disasters, including Hurricanes Irene, Sandy, Ida, and Tropical Storm Isais.



DISASTER OCCURRENCES 2011-2021

SENATE DISTRICTS

	DISTRICT REPRESENTATIVE	COUNTIES (# OF DISASTERS)
1	Anthony Palumbo	Suffolk (7)
2	Mario Mattera	Suffolk (7)
3	Dean Murray	Suffolk (7)
4	Monica Martinez	Suffolk (7)
5	Steven Rhoads	Nassau (5)
6	Kevin Thomas	Nassau (5)
7	Jack Martins	Nassau (5)
8	Alexis Welk	Suffolk (7), Nassau (5)
9	Patricia Canzoneri-Fitzpatrick	Nassau (5)
10	James Sanders, Jr.	Queens (5)
11	Toby Ann Stavisky	Queens (5)
12	Michael Gianaris	Queens (5), Kings (4)
13	Jessica Ramos	Queens (5)
14	Leroy Comrie, Jr.	Queens (5)
15	Joseph Addabbo, Jr.	Queens (5), Kings (4)
16	John Liu	Queens (5)
17	Iwen Chu	Queens (5), Kings (4)
18	Julia Salazar	Queens (5), Kings (4)
19	Roxanne Persaud	Queens (5), Kings (4)
20	Zellnor Myrie	Kings (4)
21	Kevin Parker	Kings (4)
22	Simcha Felder	Kings (4)
23	Jessica Scarcella-Spanton	Richmond (5), Kings (4)
24	Andrew Lanza	Richmond (5)
25	Jabari Brisport	Kings (4)

Green text indicates districts that encompass a county with six or more disasters.

NYS DISASTER OCCURRENCES 2011-2021

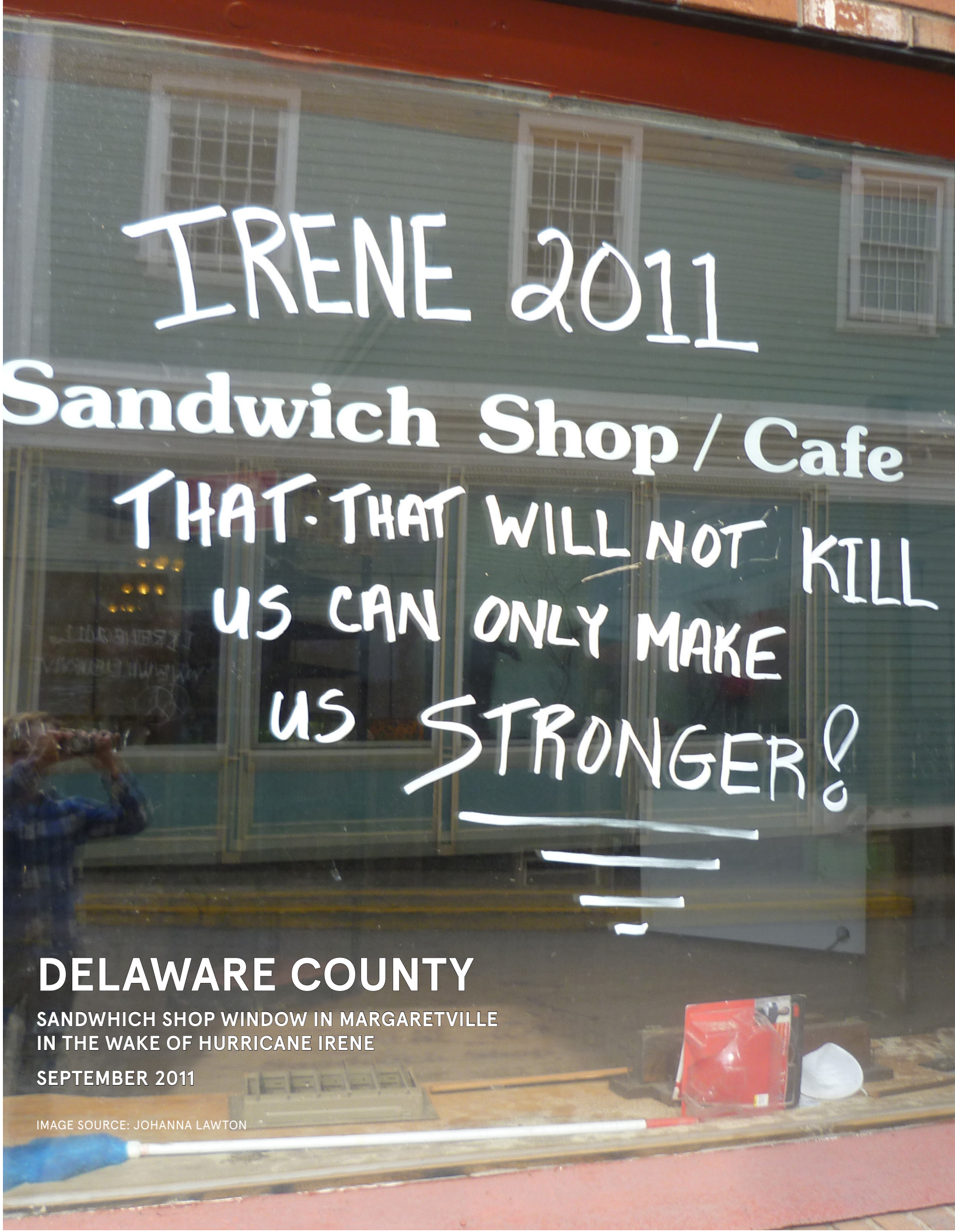
SENATE DISTRICTS CONTINUED

	DISTRICT REPRESENTATIVE	COUNTIES (# OF DISASTERS)
26	Andrew Gounardes	Kings (4), New York (3)
27	Brian Kavanagh	New York (3)
28	Liz Krueger	New York (3)
29	Jose M. Serrano	The Bronx (4), New York (3)
30	Cordell Cleare	The Bronx (4), New York (3)
31	Robert Jackson	The Bronx (4), New York (3)
32	Luis Sepúlveda	The Bronx (4)
33	J. Gustavo Rivera	The Bronx (4)
34	Nathalia Fernandez	Westchester (4), The Bronx (4)
35	Andrea Stewart-Cousins	Westchester (4)
36	Jamaal Bailey	Westchester (4), The Bronx (4)
37	Shelley Mayer	Westchester (4)
38	Bill Weber	Rockland (5)
39	Rob Rolison	Dutchess (4), Orange (4), Putnam (4)
40	Peter Harckham	Rockland (5), Putnam (4), Westchester (4)
41	Michelle Hinchey	Ulster (6), Columbia (3), Dutchess (4), Greene (3)
42	James Skoufis	Orange (4)
43	Jacob Ashby	Rensselaer (3), Albany (2), Washington (1)
44	James Tedisco	Saratoga (3), Schenectady (3)
45	Dan Stec	Essex (5), Clinton (4), Franklin (4), Warren (4), St. Lawrence (2), Washington (1)
46	Neil Breslin	Montgomery (5), Schenectady (3), Albany (2)
47	Brad Hoylman	New York (3)
48	Rachel May	Cayuga (2), Onondago (2)
49	Mark Walczyk	Herkimer (7), Lewis (5), Fulton (4), Hamilton (4), Jefferson (3), Oswego (2), St. Lawrence (2)
50	John Mannion	Oswego (2), Onondago (2)

DISASTER OCCURRENCES 2011-2021

SENATE DISTRICTS CONTINUED

	DISTRICT REPRESENTATIVE	COUNTIES (# OF DISASTERS)
51	Peter Oberacker	Delaware (7), Chenango (6), Otsego (6), Ulster (6), Sullivan (4), Broome (4)Schoharie (3)
52	Lea Webb	Broome (4), Cortlandt (4), Tompkins (2)
53	Joseph Griffo	Herkimer (7) , Chenango (6), Oneida (6), Madison (4)
54	Pamela Helming	Livingston (2), Ontario (2), Monroe (1), Wayne (1)
55	Samra Brouk	Monroe (1)
56	Jeremy Cooney	Monroe (1)
57	George Borrello	Allegany (4), Chautauqua (4), Cattaraugus (2), Wyoming (2), Genesee (1)
58	Thomas O'Mara	Tioga (6), Allegany (4), Chemung (4), Yates (3), Steuben (3), Schuyler (1), Seneca (1)
59	Kristen Gonzalez	Queens (5), Kings (4), New York (3)
60	Patrick Gallivan	Erie (2)
61	Sean Ryan	Erie (2)
62	Robert Ortt	Niagara (3), Orleans (3), Monroe (1)
63	Timothy M. Kennedy	Erie (2)

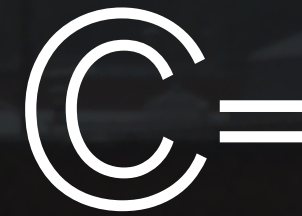


DELAWARE COUNTY

SANDWHICH SHOP WINDOW IN MARGARETVILLE
IN THE WAKE OF HURRICANE IRENE

SEPTEMBER 2011

IMAGE SOURCE: JOHANNA LAWTON



American Society of
Civil Engineers
Infrastructure
Report Card Grade

Trespassing
entry onto track area
property is prohibited.
Violators will be prosecuted.

Prohibido pasar.
Entrada al área de rieles o a
propiedad está prohibida.

WESTCHESTER COUNTY

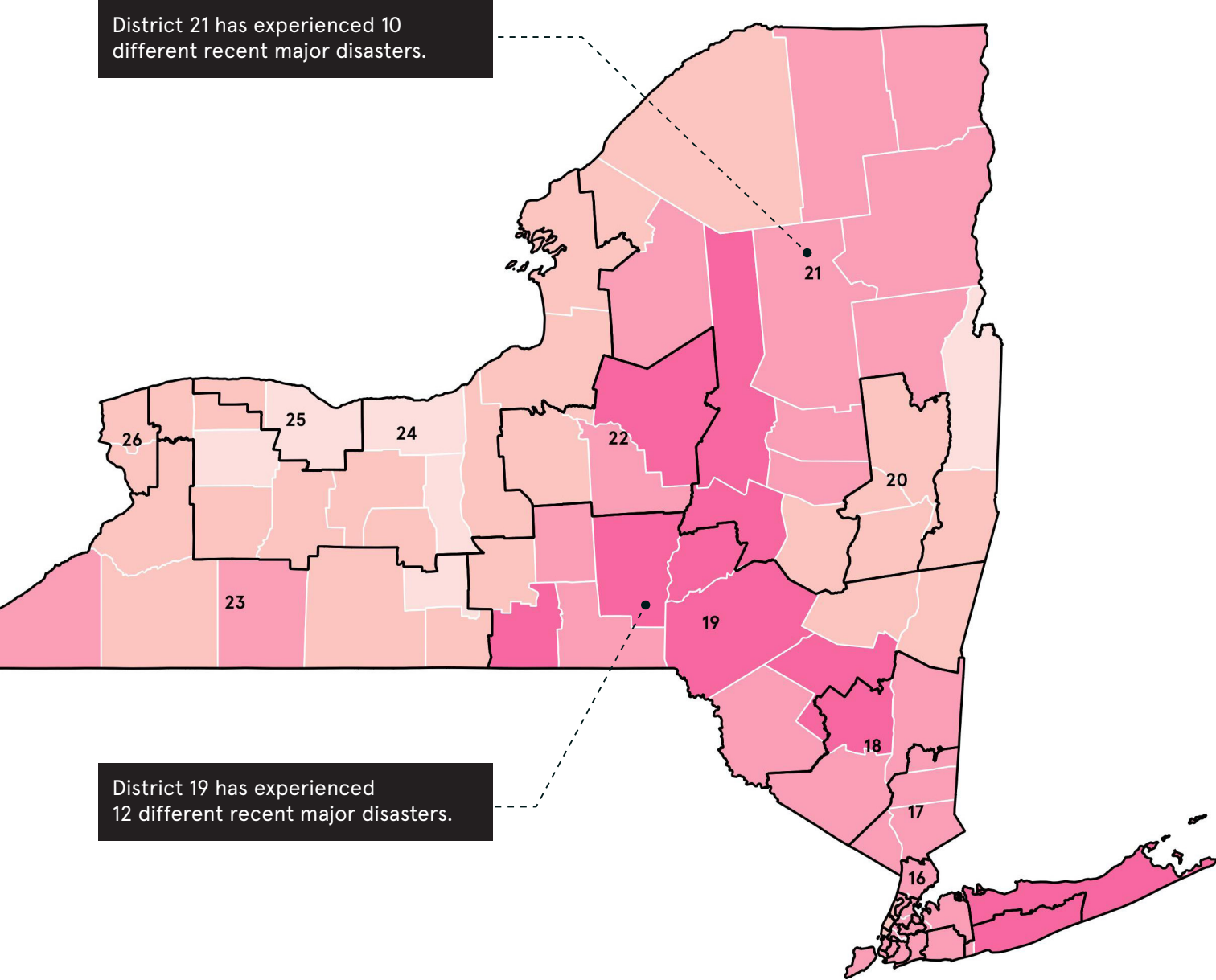
FLOODWATERS COVERED THE TRACKS OF
METRO-NORTH RAILROAD'S HUDSON LINE AT
OSSINING DURING HURRICANE IRENE

AUGUST 2011

IMAGE SOURCE: METROPOLITAN TRANSIT AUTHORITY

NYS CONGRESSIONAL DISTRICTS

MAJOR DISASTER DECLARATIONS 2011-2021



Major Disaster Declarations (2011-2021)

- 1 occurrence
- 2 to 3 occurrences
- 4 to 5 occurrences
- 6 to 7 occurrences

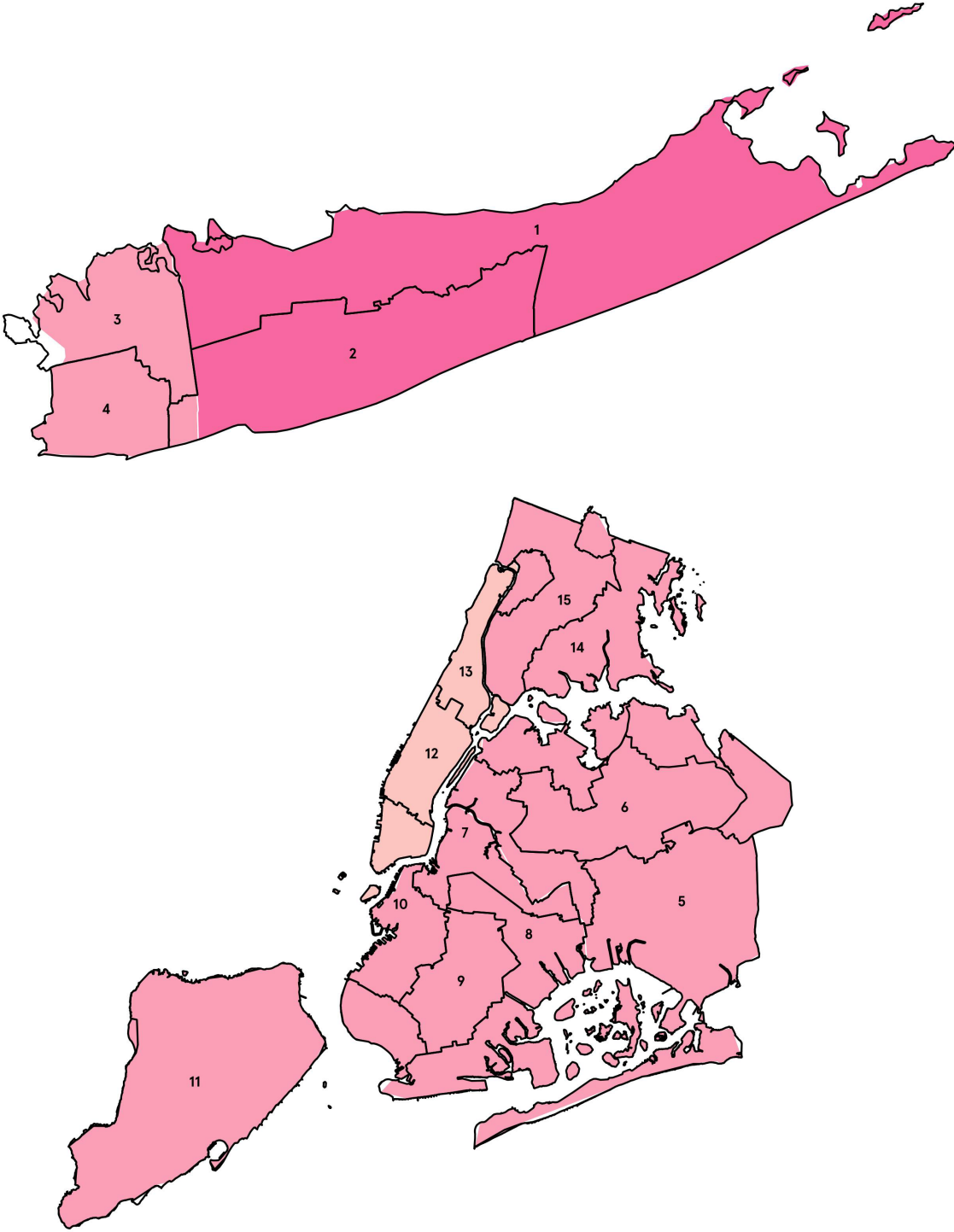
Congressional Districts



Source: FEMA 2021; NYS Legislative Boundaries
Maps courtesy of iParametrics

NYS CONGRESSIONAL DISTRICTS

MAJOR DISASTER DECLARATIONS 2011-2021: NEW YORK CITY & LONG ISLAND



NYS DISASTER OCCURRENCES 2011-2021

CONGRESSIONAL DISTRICTS

DISTRICT REPRESENTATIVE		COUNTIES (# OF DISASTERS)
1	Nicholas J. LaLota	Suffolk (7)
2	Andrew Garbarino	Suffolk (7), Nassau (5)
3	George Devolder-Santos	Nassau (5)
4	Anthony D'Esposito	Nassau (5)
5	Gregory W. Meeks	Queens (5)
6	Grace Meng	Queens (5)
7	Nydia Velazquez	Queens (5), Kings (4)
8	Hakeem Jeffries	Kings (4)
9	Yvette D. Clarke	Kings (4)
10	Daniel Goldman	Kings (4), New York (3)
11	Nicole Malliotakis	Richmond (5), Kings (4),
12	Jerrold Nadler	New York (3)
13	Adriano Espaillat	Bronx (4), New York (3)
14	Alexandria Ocasio-Cortez	Queens (5), Bronx (4)
15	Ritchie Torres	Bronx (4)
16	Jamaal Bowman	Westchester (4)
17	Michael Lawler	Rockland (5), Dutchess (4), Putnam (4), Westchester (4)
18	Pat Ryan	Ulster (6), Dutchess (4), Orange (4)
19	Marcus Molinaro	Delaware (7), Chenango (6), Tioga (6), Ulster (6), Otsego (6), Broome (5), Cortland (4), Sullivan (4), Columbia (3), Greene (3), Tompkins (2)
20	Paul Tonko	Rensselaer (3), Saratoga (3), Schenectady (3), Albany (2)
21	Elise Stefanik	Herkimer (7), Otsego (6), Montgomery (5), Essex (5), Lewis (5), Warren (4), Franklin (4), Clinton (4), Fulton (4), Hamilton (4), Jefferson (3), Schoharie (3), Rensselaer (3), St. Lawrence (2), Washington (1)
22	Brandon Williams	Oneida (6), Madison (4), Onondaga (2)
23	Nicholas A. Langworthy	Allegany (4), Chautauqua (4), Chemung (3), Erie (2), Cattaraugus (2), Schuyler (1)

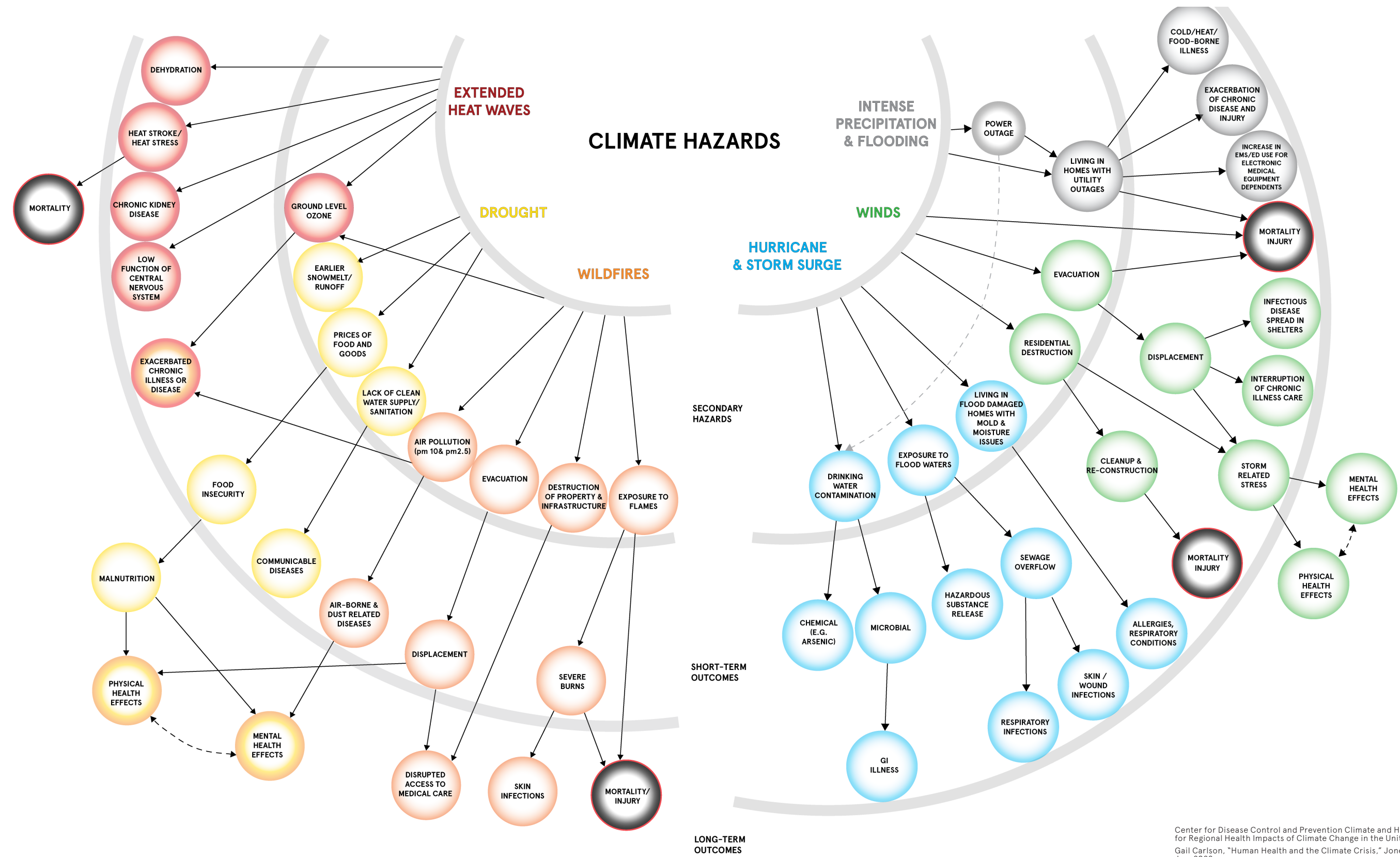
NYS DISASTER OCCURRENCES 2011-2021

CONGRESSIONAL DISTRICTS CONTINUED

DISTRICT REPRESENTATIVE		COUNTIES (# OF DISASTERS)
24	Claudia Tenney	Jefferson (3), Orleans (3), Yates (3), Niagara (3), Cayuga (2), Livingston (2), Ontario (2), Oswego (2), Wyoming (2), Seneca (1), Wayne (1), Genesee (1)
25	Joseph Morelle	Orleans (3), Steuben (3), Monroe (1)
26	Brian Higgins	Niagara (3), Erie (2)

Pink text indicates districts that encompass a county with six or more disasters.

CASCADING IMPACTS OF CLIMATE EVENTS



the River | A Project of
HUDSON VALLEY NEWSROOM Chronogram

With Flooding on the Rise, Hudson Valley Superfund Sites Are at Risk

868

Superfund sites in New York State. During a flood event, these sites pose an additional risk to nearby communities as toxins are released into the water.

**SPECTRUM
NEWS1**

Concern in Rensselaer County that floodwater carried toxins from a dump

BY ARIN COTEL-ALTMAN | RENSSELAER COUNTY
UPDATED 6:16 PM ET JUL. 27, 2021 | PUBLISHED 4:27 PM ET JUL. 27, 2021

Gothamist A non-profit newsroom,
powered by WNYC.

NEWS

Photos, Video: Toxic Gowanus Canal Flooding The Neighborhood

The New York Times

THE APPRAISAL

In Brooklyn, Worrying About Not Only Flooding but Also What's in Water

**KINGS COUNTY
(BROOKLYN)**

DREDGING TO REMOVE TOXIC SUBSTANCES FROM
THE GOWANUS CANAL, A SUPERFUND SITE

APRIL 2022

IMAGE SOURCE: ANAHITA ROUZBEH



WAYNE COUNTY

RISING WATER LEVELS IN LAKE ONTARIO CAUSE MONTHS OF SUMMER FLOODING. RESIDENTS CONFER ON FLOODED GREIG STREET IN SODUS POINT IN EFFORTS TO KEEP WATER OUT OF THEIR HOMES

MAY 2017

IMAGE SOURCE: DANIEL PENFIELD

WE
WANT
TO WORK
WITH YOU!

REBUILD BY DESIGN PARTNERS WITH COMMUNITIES TO DESIGN REGIONAL AND LOCAL PROCESSES THAT CREATE AND IMPLEMENT INFRASTRUCTURE POLICY AND PROJECTS TO PREPARE COMMUNITIES FOR THE WORLD'S MOST PRESSING PROBLEMS.

WE RESEARCH, DEVELOP POLICY, AND EDUCATE THE NEXT GENERATION OF RESILIENCE PRACTITIONERS. DO YOU HAVE A VEXING CHALLENGE THAT NEEDS CREATIVE PROBLEM SOLVING? CONTACT US AT [INFO@REBUILDBYDESIGN.ORG](mailto:info@rebuildbydesign.org)