

Agenda:

- Introduction
- Data Tour
- How Data Informs Campaigns
- Call To Action
- Next Steps







Strategic Plan

Helping People. Together.

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BJECTIVES



GOALS

STRATEGIC



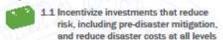


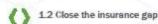
FEMA Mission: Helping people I

BUILD A CULTURE OF PREPAREDNESS









1.3 Help people prepare for disasters

1.4 Better learn from past disasters, improve continuously, and innovate



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BUILD A CULTURE OF PREPAREDNESS





1.1 Incentivize investments that reduce risk, including pre-disaster mitigation, and reduce disaster costs at all levels



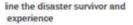
1.2 Close the insurance gap



1.3 Help people prepare for disasters



1.4 Better learn from past disasters, improve continuously, and innovate



the National Disaster Recovery

innovative systems and s processes that enable FEMA's ees to rapidly and effectively he agency's mission

nen grants management, transparency, and improve alytics





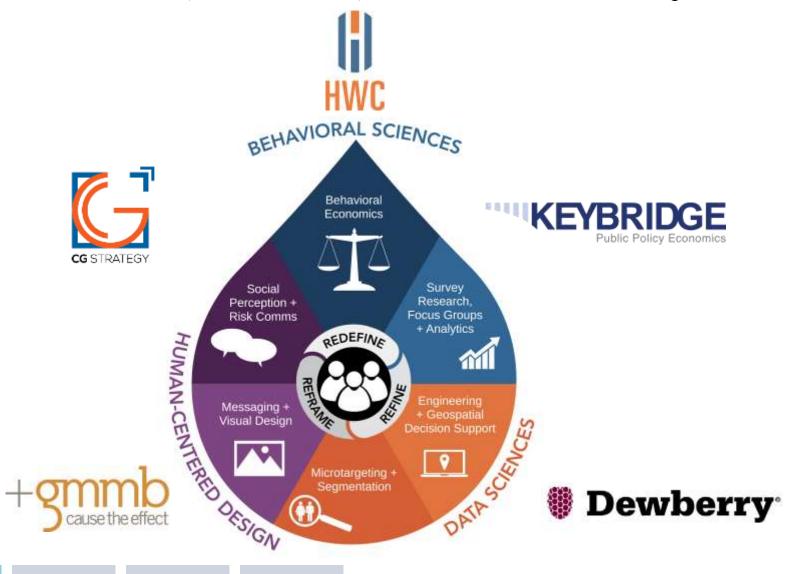
C3 is helping the NFIP demonstrate the value of flood insurance and dramatically increase policy coverage across the nation.







The C3 Team consists of companies with deep expertise in behavioral sciences, data sciences, and human-centered design.



Our approach relies on a mix of data-driven tools and sciencebased methods to influence customer behavior.

Key Elements of the C3 Solution







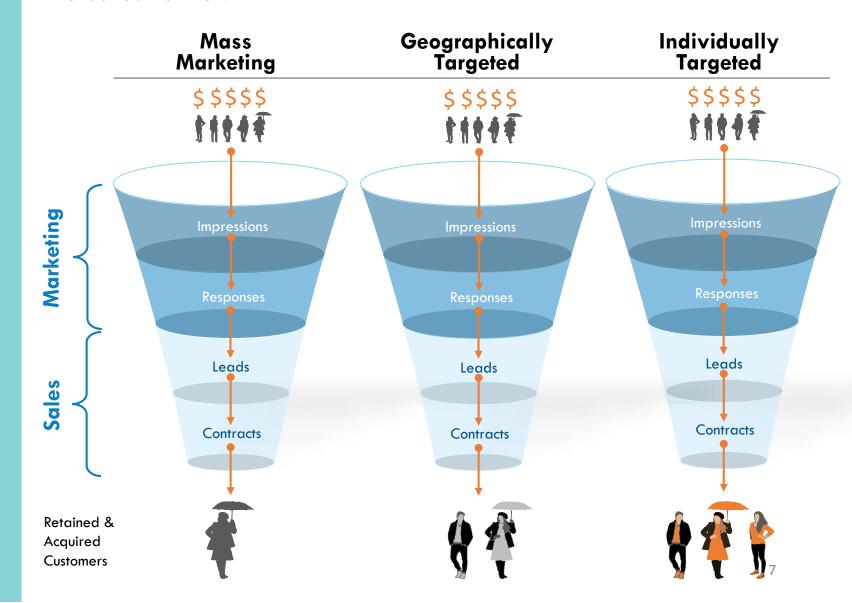
Analytics

Behavioral Science

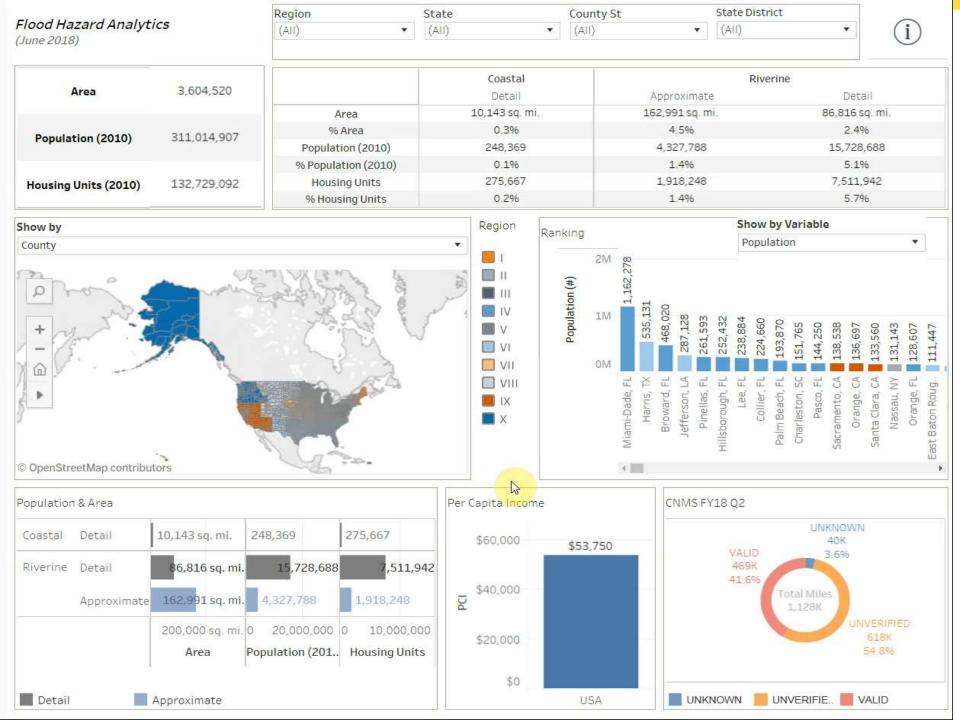
We deliver value by:

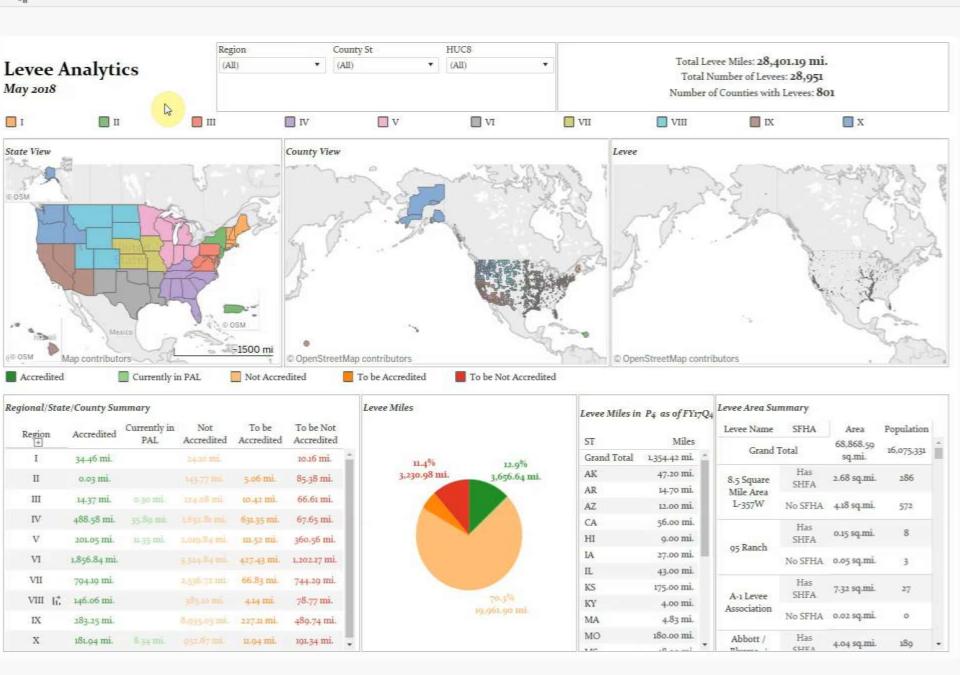
- (1) Using advanced analytics to improve target selection and measure impact.
- (2) Using behavioral science best practices to improve content and messaging.
- (3) Using infomediaries and stakeholders to amplify direct marketing.

The C3 solution is designed to <u>maximize CIF per marketing dollar</u> by improving response rates and delivering quality prospects into the sales funnel.











How Big Data Informs Targeting







Marketing Flood Insurance: A Conceptual Framework

Generally, avoid a "one-size-fits-all" approach. Any marketing intervention should be designed, developed, and executed with the target audience in mind.



WHEN

is the best time to market flood insurance?



WHERE

are the best areas to market flood insurance?



WHAT

are the messages we should communicate?

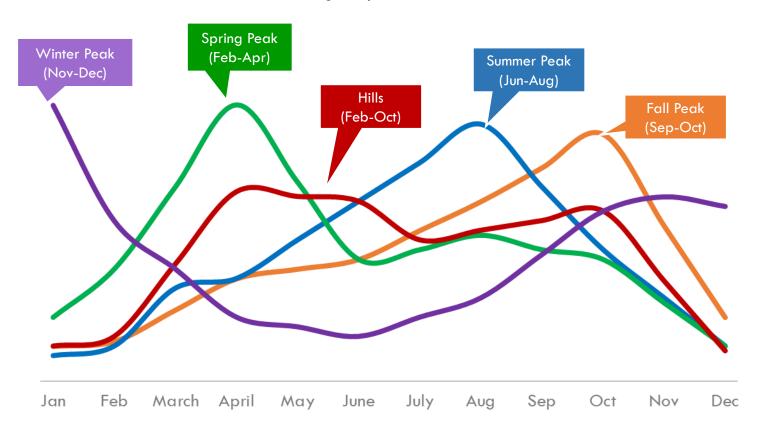


HOW

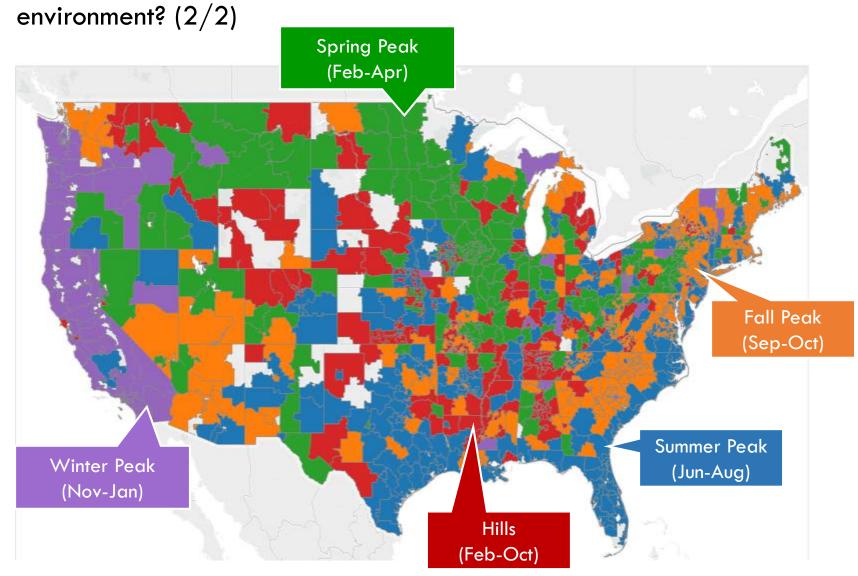
should we deliver messages using marketing channels?

When is the best time to engage customers in a "steady state" environment? (1/2)

Demand Curve Clusters by Shape Standardized CIF Counts at the 3-Digit Zip Code Level



When is the best time to engage customers in a "steady state"



Where are the best targets likely to reside? (1/2)

Our geo-targeting models use a blend of economic theory and empirical evidence to score areas (e.g., zip codes) based on a range of factors, including:

Heightened Sense of Personal Financial Exposure

- A high degree of homeownership (percent owner-occupied homes)
- A "low" built environment (percent of single-family homes)

Heightened Awareness of Flood Risk

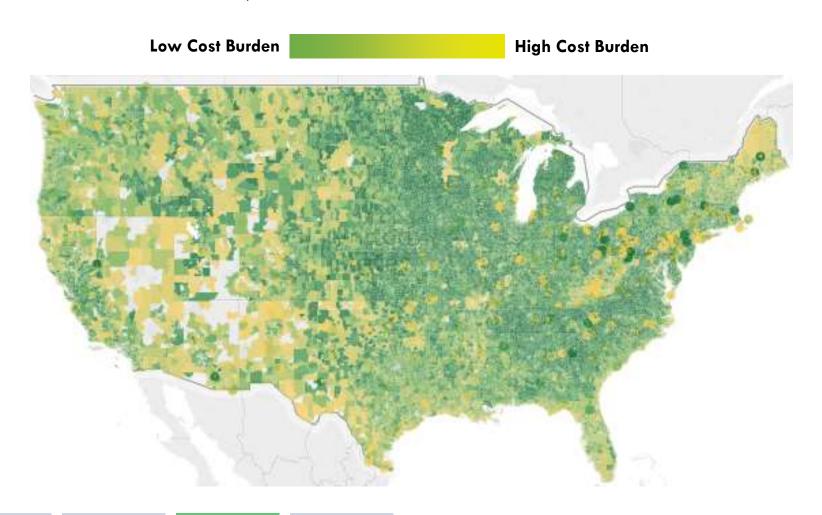
- Seasonality of flood insurance purchases (shape of the demand curve)
- One or more highly visible hazards (distance to coast, rivers, lakes)
- Experienced significant flooding in the past 5-10 years (disaster declarations)

Favorable Affordability Conditions

- A significant share of homes that are likely to qualify for lower-cost policies (share of structures in X zone; CRS discounts)
- A significant share of homeowners who are likely to have the means to afford insurance (COLA-adjusted discretionary income)

Where are the best targets likely to reside? (2/2)

C3 Cost Burden Index by Zip Code
Index = Expected Premium / Discretionary Earnings



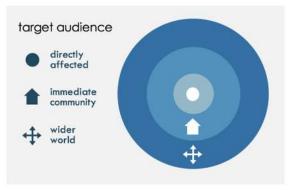
Overview + Audience

For the FY18 Hurricane Season Campaign, we will focus our marketing efforts on "target rich" markets within Harvey and Irma-impacted areas and the wider world.

We will use the results from our 2017 initiatives, along with findings from academic literature, to identify zip codes that should have a high-density of valuable targets.

We will consider data variables including:

- Distance from the Atlantic or Gulf coasts
- Direct experience with Harvey, Irma, or other disasters
- Ability to afford flood insurance, as measured by a ratio of expected premium to discretionary income
- Flood zone (e.g., share of NSFHA households)
- Relative proportion of single-family homes, primary v. secondary homes, homeownership rate, etc.









Targeting



KEY

Considered Area

Recommended Targets

Overview + Audience

For the FY18 NatGeo Campaign, we will use analyses of historical policy data at the zip code level to identify peak times for policy sales across the country (based on policy effective dates). This strategy will naturally align our campaign messages to those geographies that are primed to receive them based on seasonal drivers of purchasing behavior (e.g., flash flooding from summer rainstorms).

Deliverables + Services:



Geographic targeting, monitoring, and evaluation



Digital display and paid search advertising that drives potential customers to FloodSmart.gov's "Why Buy" content



Radio ads in select markets

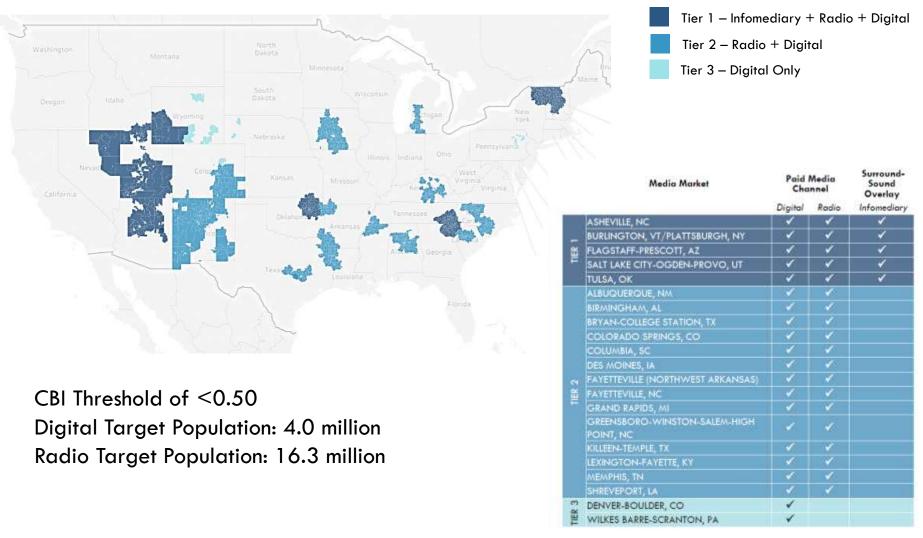


Earned media and infomediary-based outreach to create surround-sound messaging in select markets



Visibility and integration with key NFIP stakeholders + infomediaries, including Regions

Targeting



Call to Action-Leverage C3 Learnings and Tools







Hurricane Season + Nat Geo



В	С	D	E		F	6
Hurricane S	eason Campaig	n 2018 - Digita	l Target Zip Cod	des	S FEMA	
Blue: digital and radio ads in market						
White: digit	al ads only					
# 51	Zip Code	State -	County	T	DMA Market	Advartising Wave
1	33496	FL	Palm Beach		WEST PALM BEACH-BOCA RATON	1
2	2025	MA	Norfolk		BOSTON	2
3	11937	NY	Suffolk		NASSAU-SUFFOLK (LONG ISLAND)	2
4	11968	NY	Suffolk		NASSAU-SUFFOLK (LONG ISLAND)	2
5	2554	MA	Nantucket		BOSTON	2
6	21662	MD	Talbot		BALTIMORE	1
7	33434	FL	Palm Beach		WEST PALM BEACH-BOCA RATON	1
8	33473	FL	Palm Beach		WEST PALM BEACH-BOCA RATON	1
9	2563	MA	Barnstable		BOSTON	2
10	2631	MA	Barnstable		BOSTON	2







https://www.fema.gov/media-library/assets/documents/165317





