

Emergency Management Role in August 18, 2024 Historic Flooding



CT Association of Flood Managers Conference

November 13, 2024

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CT DESPP/DEMHS





August 18-19, 2024





A Historic Rainfall that Was Not Forecasted



Rainstorm quickly intensified unexpectedly in a swath from Stamford to Waterbury



Almost 16 inches of rain fell in 6 – 8 hours in some locations



Peak rainfall amounts exceeded 3 inches of water per hour and 7 inches in 3 hours in a band from the Town of Monroe to Oxford



Major river flooding to include the Housatonic, Little River, and Naugatuck rivers

DEMHS Emergency Response Include:

Activated regional offices starting at 1pm on August 18th & opened a virtual state emergency operations center at 5pm

Operations remained open throughout the night and continued throughout the day on August 19th

The Urban Search and Rescue Swiftwater Team was activated and assisted with more than 100 evacuations

Multiple state agency collaboration; DOT, DEEP, DECD, DoAG, DOI, DCP





The Governor's Initial Actions

Declared Civil
Preparedness Emergency
declaration pursuant to
CGS § 28-9

19 Aug. 2024

Request for federal
emergency declaration
was approved—this
declaration provides only
direct federal assistance

21 Aug. 2024

Submitted request to
President Biden and FEMA
seeking an emergency
declaration for Fairfield
County, New Haven
County, and Litchfield
County

20 Aug. 2024

DEMHS Preliminary Support for the Governor's Major Disaster Declaration Request



Local and state partners conduct an initial damage assessment (IDA)



If the numbers look close to the FEMA/SBA indicators for Individual Assistance or Public Assistance, we request FEMA/SBA to conduct a joint Preliminary Damage Assessment

And what are those FEMA/SBA indicators? IA? PA? SBA?

Not always an easy question to answer.



Meanwhile, we are pulling together other information for the Governor's Major Disaster Declaration request



Implemented for the First Time

- Streamlines Connecticut's management of Applicants' Data
- Ease of use across variety of applicants' resources and abilities
- Auto-filled information saves time and improves accuracy while meeting compressed timelines
- Creates a comprehensive blueprint of the disaster with site-by-site locations, descriptions, photos, and cost estimates
- Each jurisdiction will have their own account
- Provides ultimate flexibility, supports local operational planning as-is
- Eliminates paper-based process
- CTDEMHS can access info in real time



Crisis Track Overview



Cloud Based Disaster Management Application



Shares Data In Real Time Between Mobile and Desktop



GIS Based-Automatically Captures Entry Location Data; Field Users Can Modify (Geocode) Location In App



Forms Aligned with Standard Disaster Field Observer Information Requirements



Works in No/Limited Communication Environments



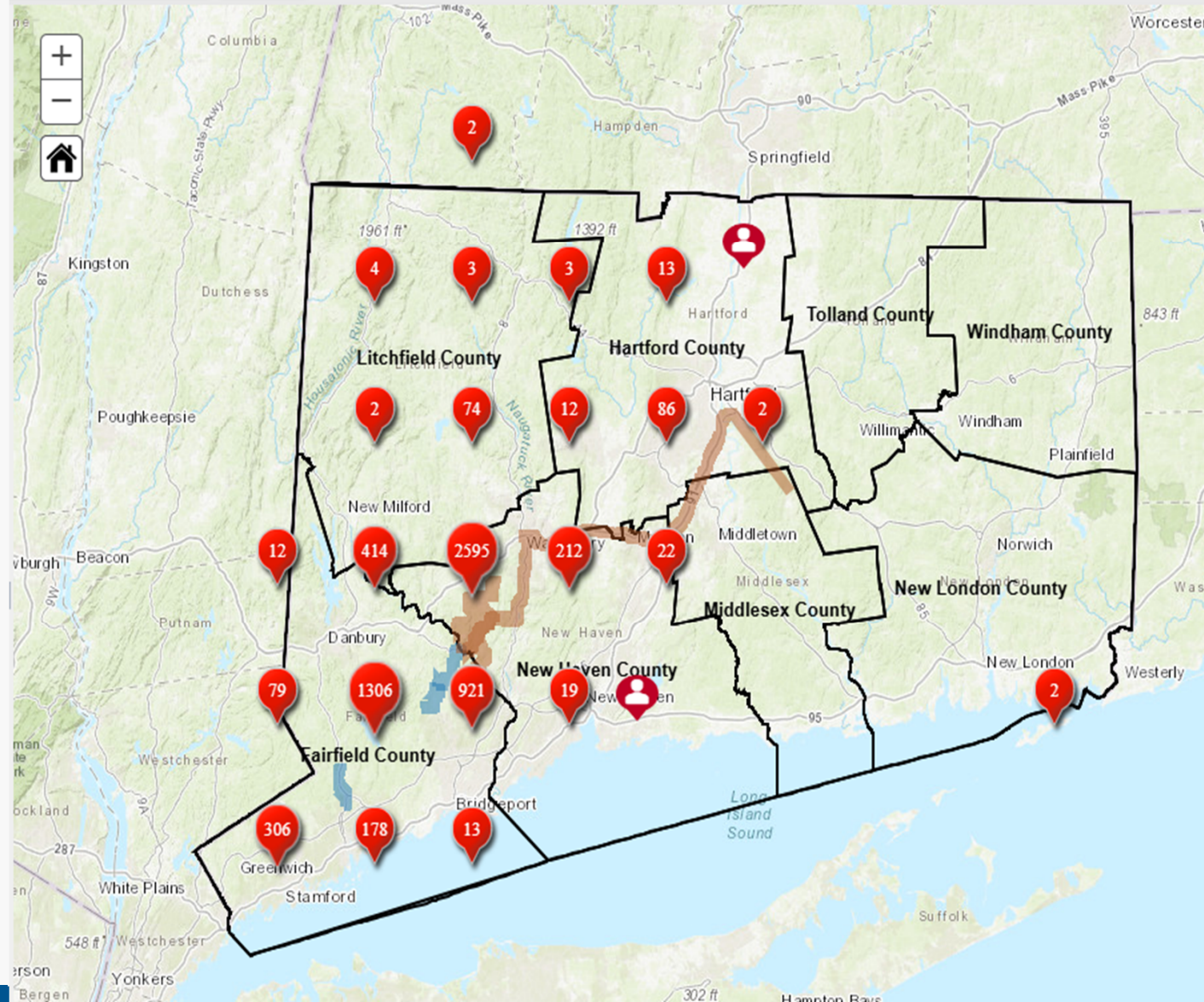
Address point, tax assessment data sourced from CT DEMHS and local government, updated annually

Crisis Track- What does it do?

- Allows individuals, municipalities, and businesses to submit their damages directly to municipalities and DEMHS- this includes pictures
- Creates maps so it is easier to see specifically hit areas
- Assists DEMHS determine if a Preliminary Damage Assessment (PDA) is required from FEMA
- If PDA occurs- helps organize the teams
- Has mobile app that can be used while EMDs or other municipal staff are driving around their jurisdiction
- The mobile app allows pictures and location drop
- It updates constantly

What else?

- All municipalities in the state can use Crisis Track for themselves, even if the incident doesn't need state resources.
- Although DEMHS isn't utilizing it yet- Crisis Track can also be used to track/monitor costs for PA (or the recent fires)
- A lot of municipalities have already received training



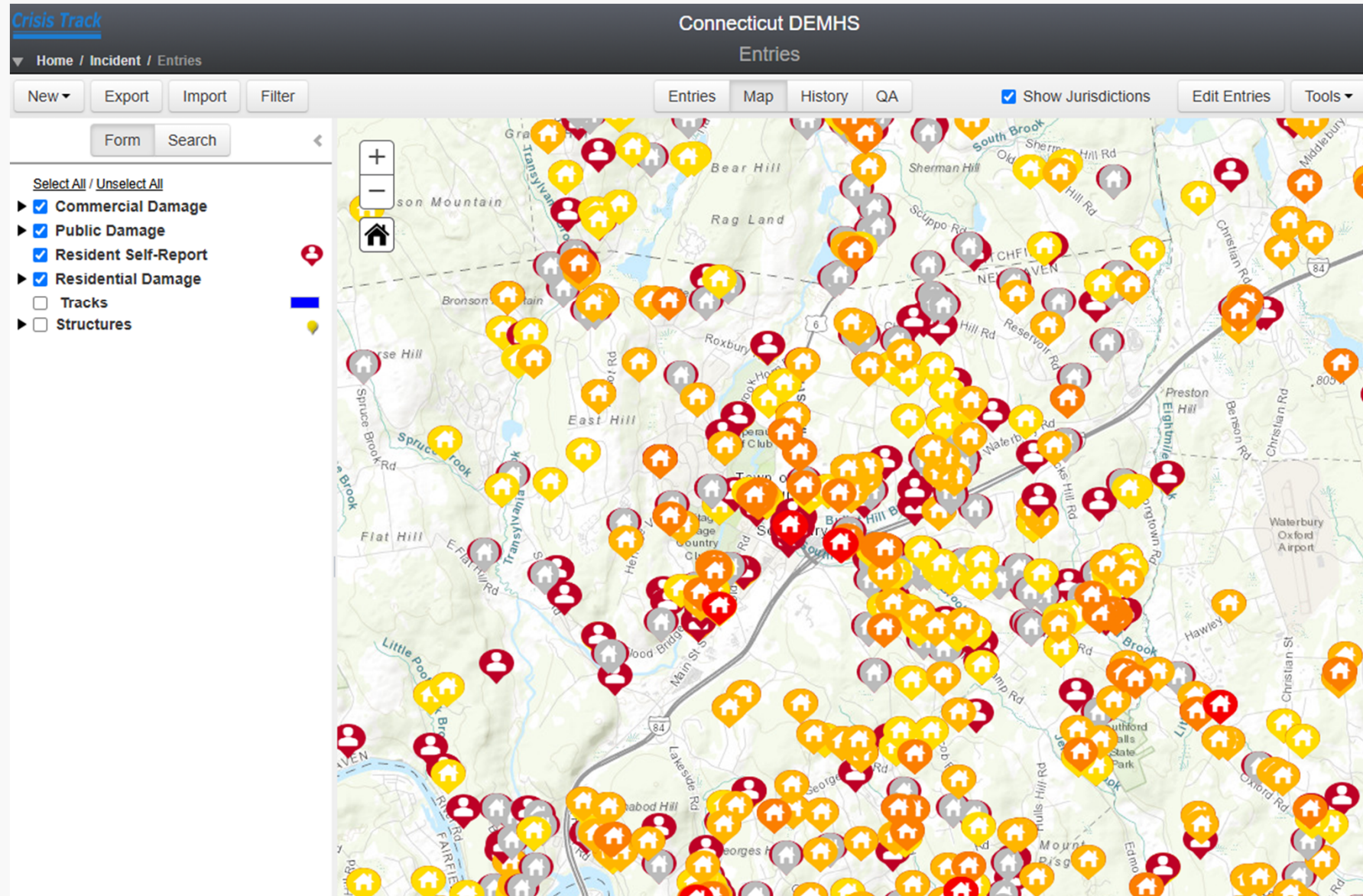
New ▾ Export Import Filter Search Q

Entries Map History QA

Form Resident Self-... x ▾

DETAILS	EDIT	FORM	APPLICANT	Damage Report Type	Address	Nearest Cross Street	Building Value	City	Zip Code	Describe Damage	Residence Type	Homeowner Insurance	F
View	Edit	Resident Self-Report	Woodbury	resident	561 MIDDLE ROAD TPKE		\$0		06798	Water in crawlspace that broke through our waterproofing bottom, damage to belongings, mold likely.		Yes	
View	Edit	Resident Self-Report	Woodbury	resident	368 QUASSAPAUG RD		\$0		06798	Flooding in backyard damaged fence and shed		Yes	
View	Edit	Resident Self-Report	Bridgewater	resident	232 CLAPBOARD ROAD		\$0		06752	Washout from state highway culvert through my property and across my driveway making driveway impassable.		Yes	
View	Edit	Resident Self-Report	Woodbury	resident	60 RIVERHILL RD		\$0		06488	We had about 5ft of water in our basement/garage and front yard. This is our 4th flood in 1 year but this last time was by far the worst despite intervention.		Yes	
View	Edit	Resident Self-Report	Woodbury	resident	602 UPPER GRASSY HILL RD WOODBURY, CT		\$0		06798	Bottom part of driveway has undermining from running water/flash flood water. Ground where person is standing in picture is soft, def damage		Yes	





Form Search

Select All / Unselect All

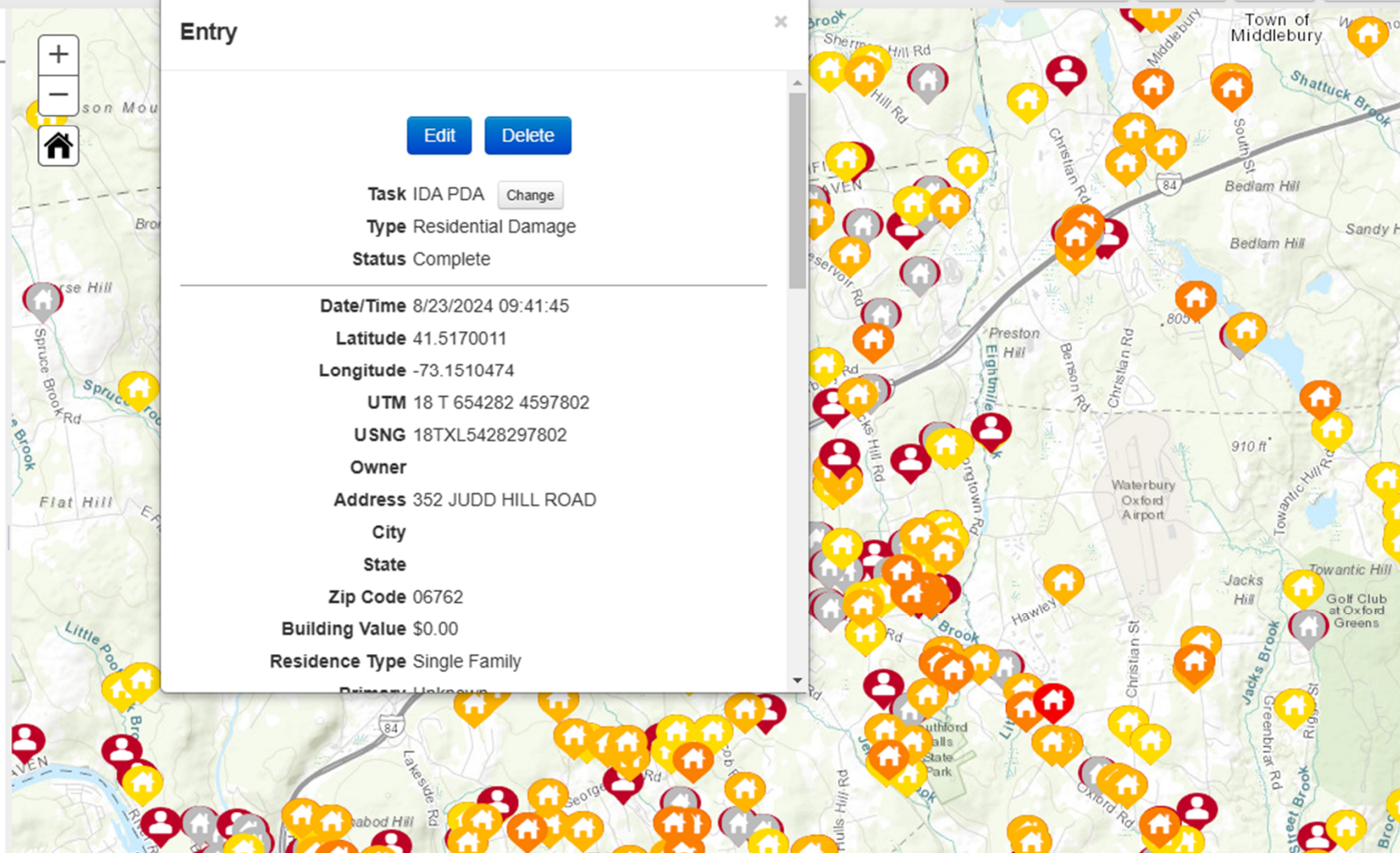
- ▶ ☒ Commercial Damage
- ▶ ☒ Public Damage
- ☒ Resident Self-Report
- ▶ ☒ Residential Damage
- ☐ Tracks
- ▶ ☐ Structures

Entry

Edit Delete

Task IDA PDA [Change](#)
Type Residential Damage
Status Complete

Date/Time 8/23/2024 09:41:45
Latitude 41.5170011
Longitude -73.1510474
UTM 18 T 654282 4597802
USNG 18TXL5428297802
Owner
Address 352 JUDD HILL ROAD
City
State
Zip Code 06762
Bidding Value \$0.00
Evidence Type Single Family



Export

Charts

Tables

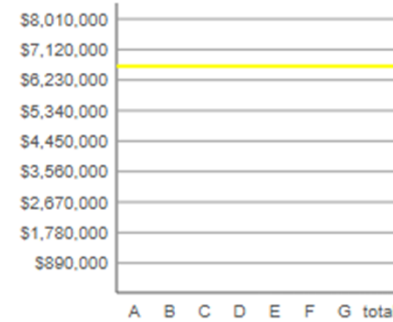
Total

Print Row

Public Damage

Threshold: \$6,634,936

Eligible Ineligible



Residential Damage

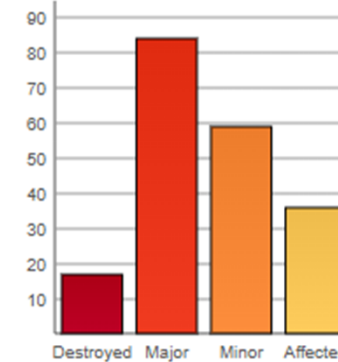
Total: \$11,870,778

IHP Estimate: \$0



Commercial Damage

Total: \$5,964,551



Status

Total: 6368

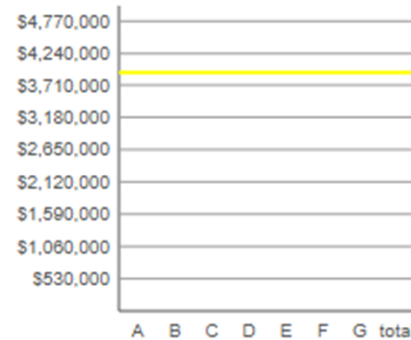


New Haven County

Print Row

Public Damage

Threshold: \$3,931,882



Residential Damage

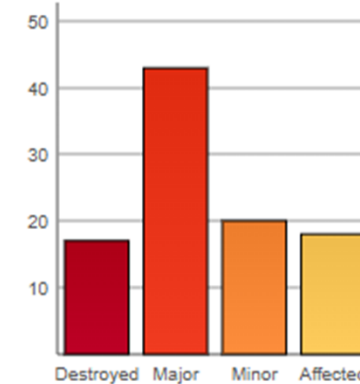
Total: \$4,272,325

IHP Estimate: \$0



Commercial Damage

Total: \$207,491



Status

Total: 2777



Timeline of Presidential Major Disaster Request

FEMA Individual Assistance (IA) and SBA PDA begins August 28 and is completed September 5

28 Aug.

9 Sep.

Governor's Major Disaster Declaration Request is filed September 9. Asks for both IA, SBA, and PA and indicates that PA PDA is in process.

Major Disaster declared September 20 for Fairfield, Litchfield, and New Haven Counties—IA and SBA

20 Sep.




30 Sep.

PA PDA begins September 9 and concludes September 30.

FEMA amends Major Disaster Declaration to include PA on October 25

25 Oct.



What the Presidential Major Declaration Provides

- Individual Assistance—\$8.7 million disbursed (over 2300 applicants)
- Small Business Association—On pause—85 home applications, 54 business applications, 8 EIDL (25 denied, 29 withdrawn, 23 offers)
- Public Assistance—Applicant Briefings held November 8

Deadline to register for IA or SBA is November 19—
EIDL is June 20

Also, Federal Highway Administration (FHWA) provides federal disaster funding for state roads



Questions?