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**NEIPMC ADVISORY COUNCIL**  
**AUGUST 31, 2022**

**Northeastern**  
**IPM**  
**Center**



DEBORAH G. GRANTHAM

DIRECTOR



# NEERA UPDATE

- 5-year renewal complete
- NEERA 2104: Northeast Region Technical Committee on Integrated Pest Management
- Meetings have been virtual, probably will be in 2023
- Meetings piggybacked with AC meeting
- Turnover in region: retirements mainly; some new people; some restructuring
- One purpose for some working groups is to maintain body of knowledge: tree fruit, in particular

# NEIPM CENTER FUNDING

- **2018 – 2022 USDA NIFA, CPPM funds: \$4,000,000 total, NCE through 8/31/2023**
- USDA NIFA: Stop Pests IPM in Affordable Housing, through 2021, flow through from US HUD; process changed to direct contract with US HUD
- USDA NIFA SCRI: Management of the brown marmorated stink bug in US specialty crops, NCSU lead, 2016 – 2022, \$941,874
- USDA NIFA: An Undergraduate IPM training program for the South and NE regions, UMD lead, 2019, \$36,752 total for Center
- **USDA NIFA SCRI on SLF: Penn State/Julie Urban lead, 2019, \$792,038 total for Cornell (Center lead, some Subawards)**
- **US HUD: Promoting IPM Management in Affordable Housing, 2021, \$667,373 total (includes a subaward and some contracts)**
- **2022 – 2026 USDA NIFA, CPPM funds: \$4,000,000 total**
- Not awarded: RAISE: C-Accel Pilot - Track A1 (Open Knowledge Network): Open Knowledge in Agricultural Extension, 2019, UNH lead with eXtension; US EPA Indoor Air Quality proposal for Stop Pests/pest management for home health providers, 2020.
- Others not awarded in 2022: SCRI proposals (BMSB/Oregon lead; earworm in sweet corn/UMD lead; certification/Red Tomato lead)

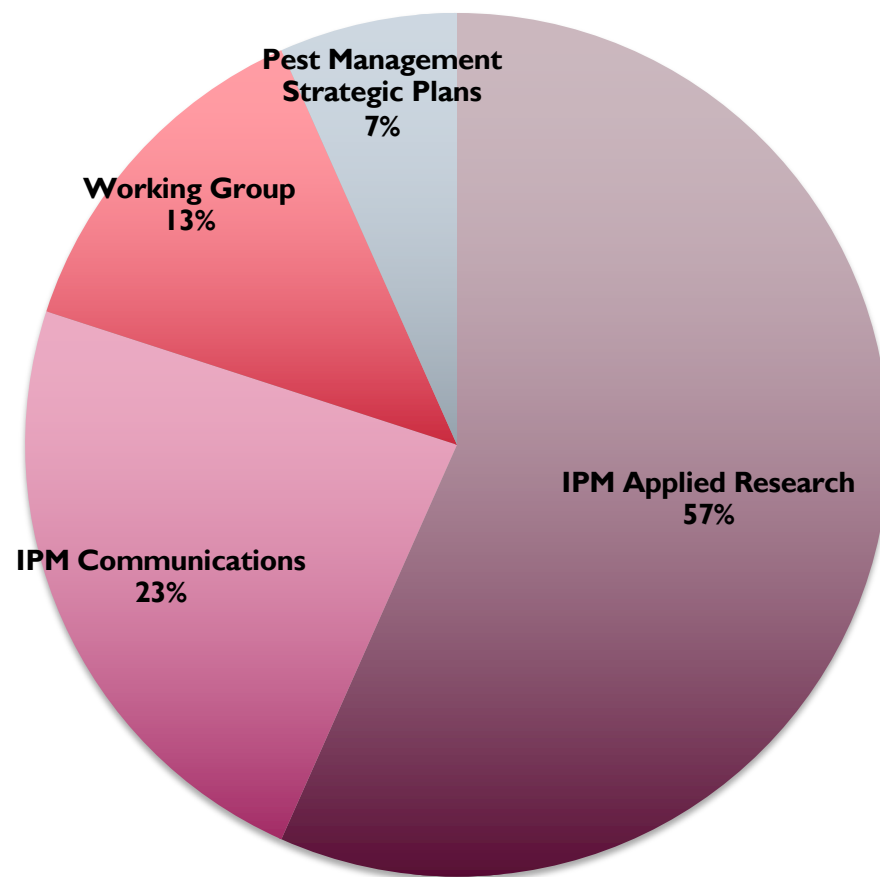


# PARTNERSHIP GRANTS

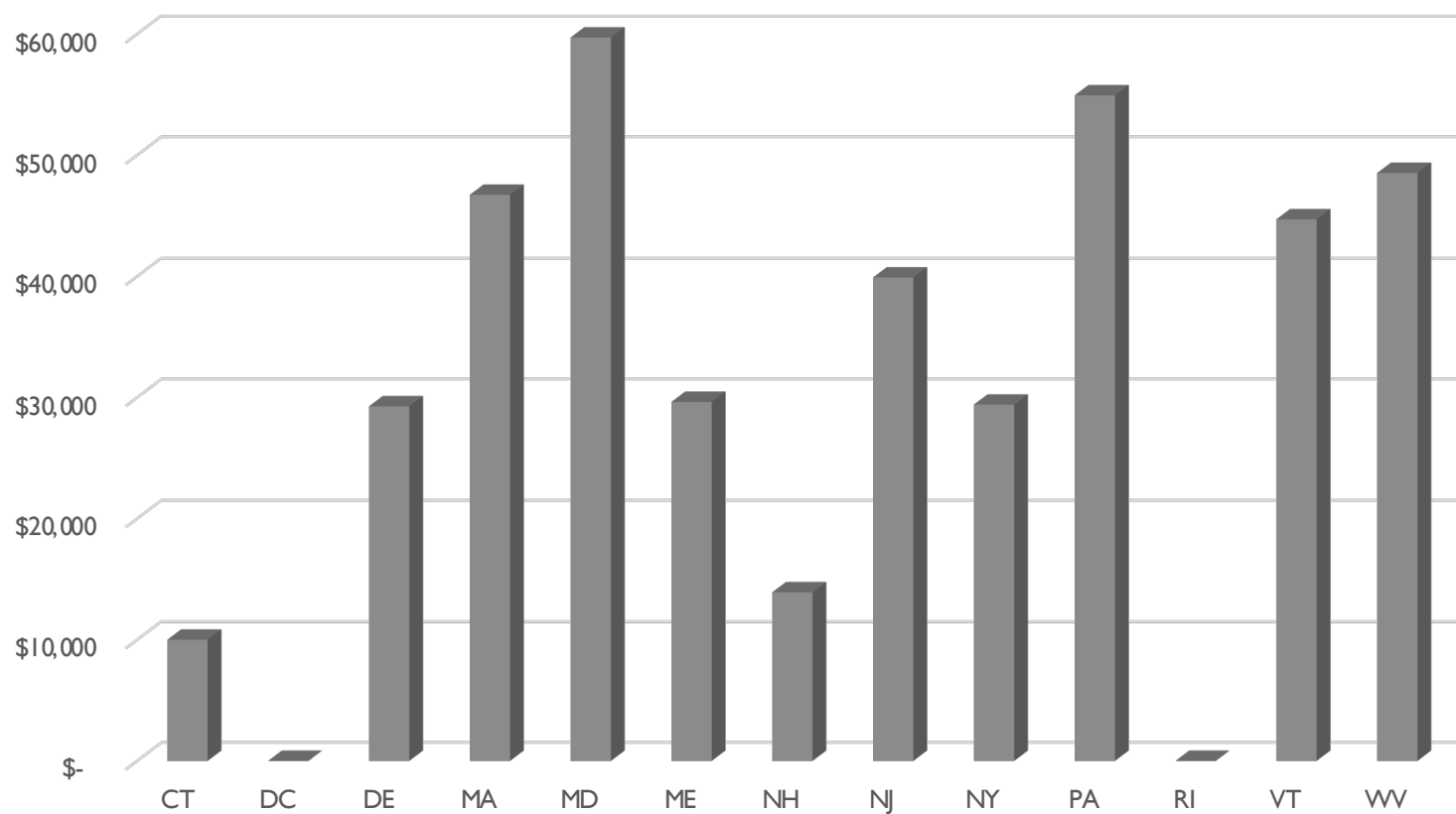
- Good geographic distribution
- Great ROI
- Effective program but funding is declining

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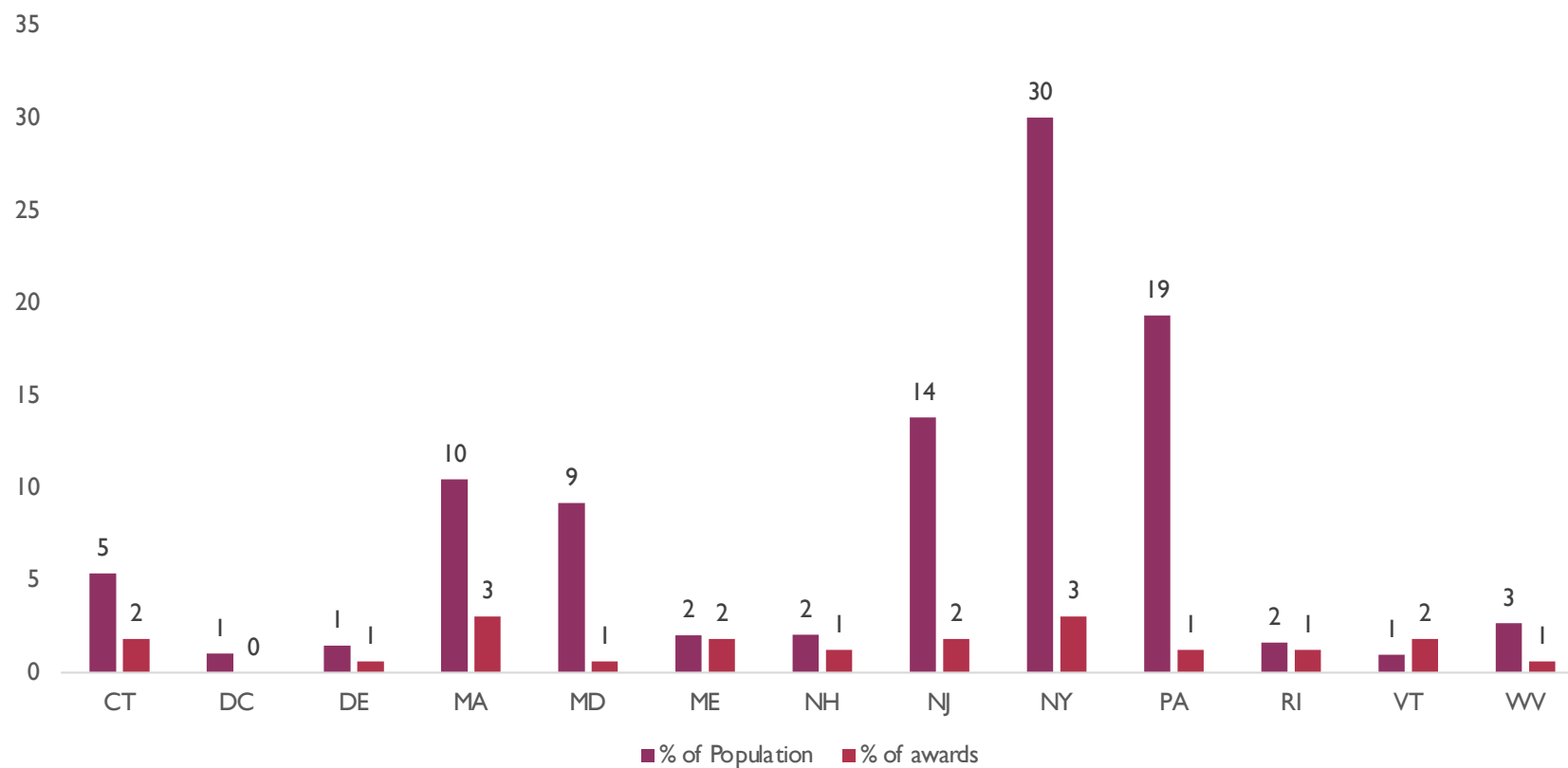
## NE IPM Center Partnership Awards by Type (2018-22)



## NE IPM Center Grant Funding Goes to Institutions Across the Region (2018-2022)

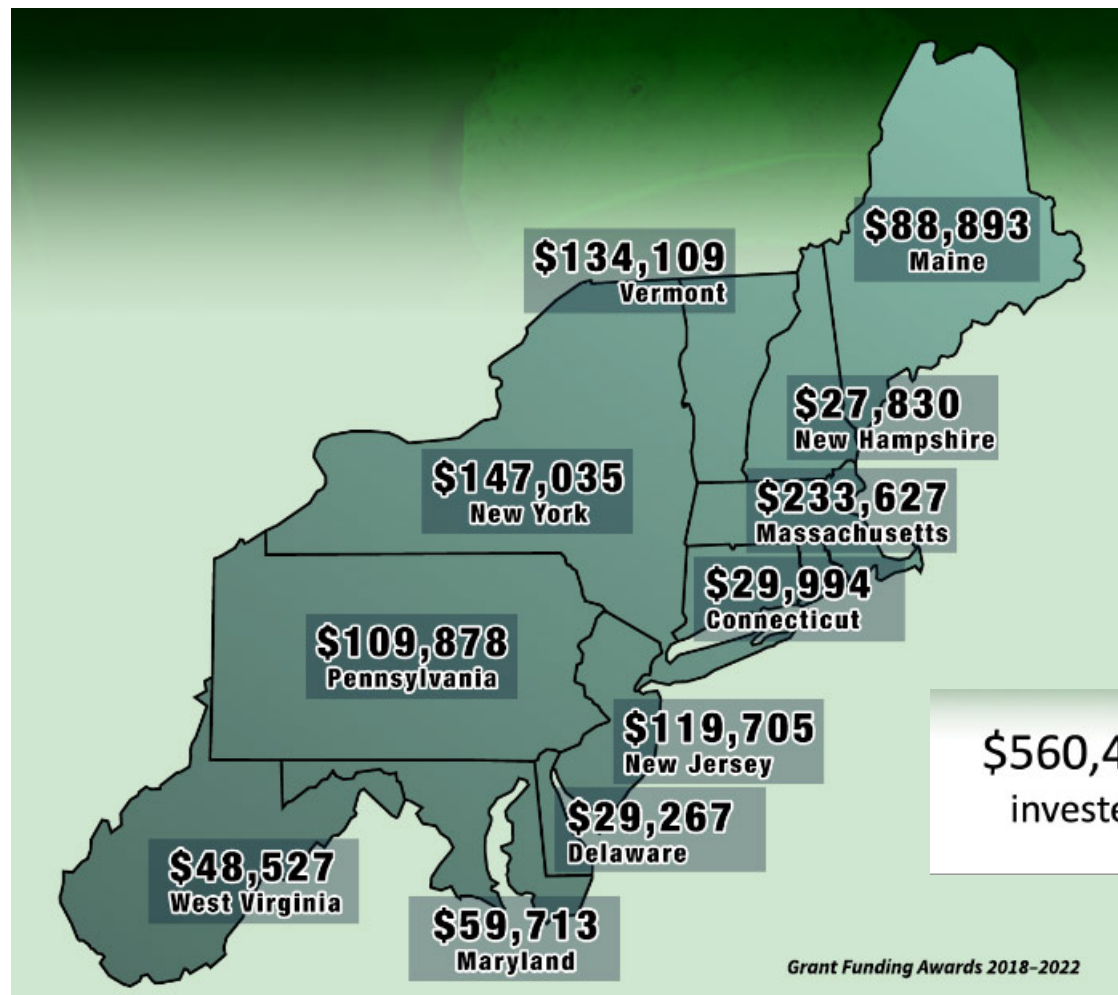


## Percent of Population Compared to Percent of Grants Awarded (2018-2022)







# PARTNERSHIP AWARDS 2018 – 2022



\$560,490 invested → \$12.7M leveraged = 1:23 rate of return

Grant Funding Awards 2018-2022

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- 
- Web tool for beekeepers, Margarita Lopez-Urbe and Robyn Underwood of Penn State
  - Update to School IPM website, Lynn Braband, NYS IPM
  - New IPM tools for organic grain growers, Ellen Mallory and Eric Gallandt of the University of Maine
  - Improving environmental models for predicting fire blight, Quan Zeng and Neil Schultes of the Connecticut Agricultural Experiment Station
  - New approach to environmental data to improve response to strawberry fungal pathogens, Mengjun Hu of the University of Maryland

# PARTNERS, STAKEHOLDERS, COLLABORATORS

- NEERA
- Regional IPM Centers
- USDA NIFA and other USDA agencies
- US HUD
- NE Extension Directors: newly appointed representative to AC
- Housing authorities
- Northeast SARE
- PSEP: also new on our AC
- IPM Institute
- Federal IPM Coordinating Committee
- North American Invasive Species Management Association
- NE Vector-borne Disease
- NE Regional Invasive Species & Climate Change Management Networks
- eXtension Foundation
- Animal Disease Biosecurity Coordinated Agricultural, Vermont: <https://agbiosecurityproject.org/>
- Individual researchers, educators, non-profits, many others

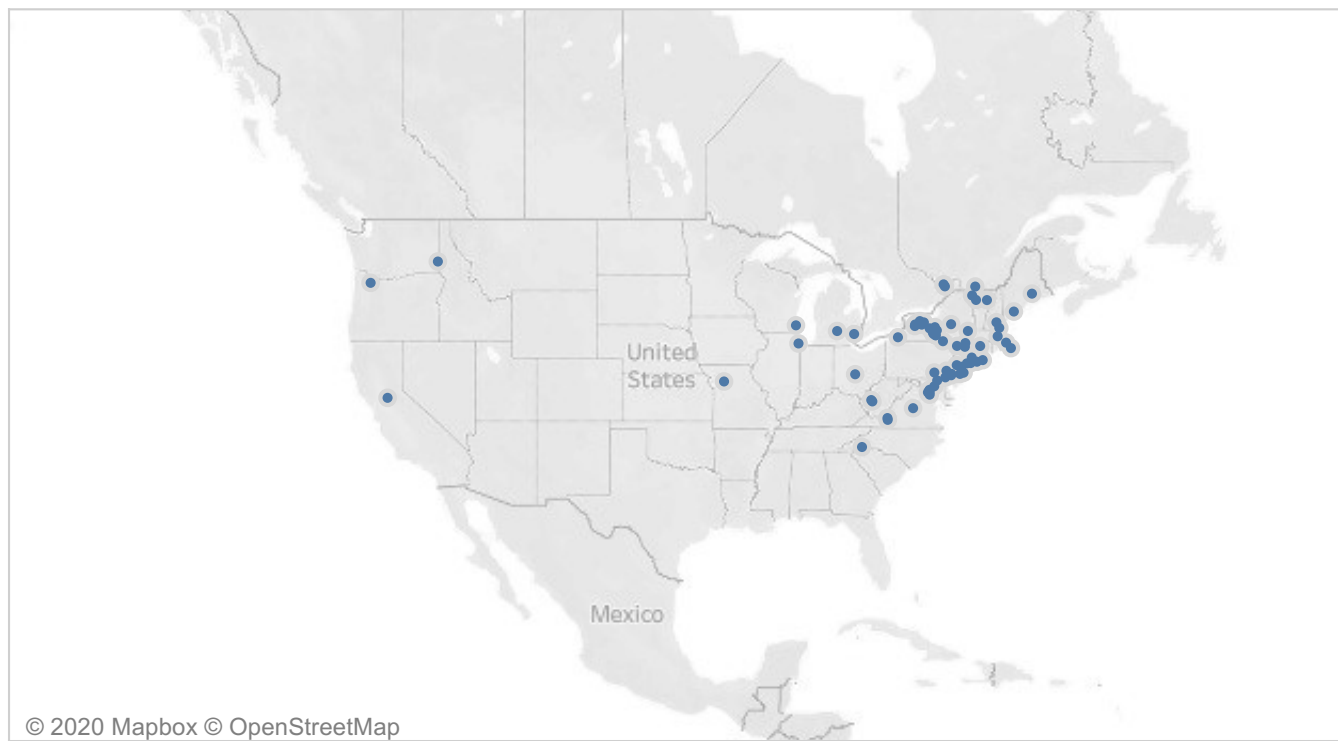
# COMMUNICATIONS

- Communications list of 2,830
- IPM News and Events Roundup was launched in December 2019 by Nancy Cusumano: weekly news items from around the region, the country, and beyond
- *IPM Insights*: <https://www.northeastipm.org/about-us/publications/ipm-insights/>
- Example of other communications: request from Dr. Nandula for “hot topics in the NE”
- Pesticide comments/input
- Twitter, Facebook

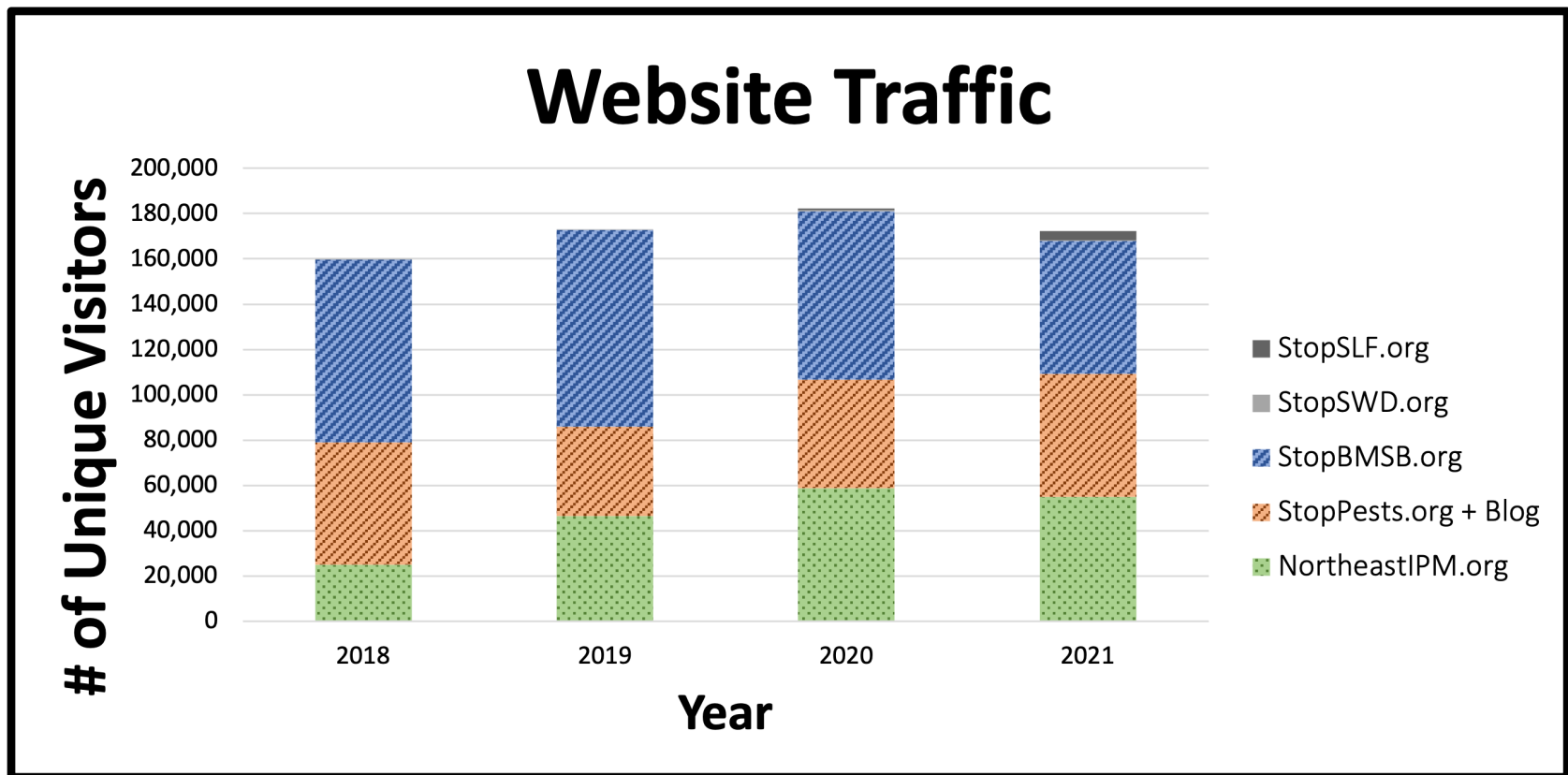
# ROUND UP SURVEY

- Targeted survey of the 2,692 recipients on the Center contact email list
- 85 respondents: 33% Extension, 16% educators, 8% researchers, 8% federal employees, 7% university faculty, 9% county, state, or tribal government employees, 5% environmentalists, 5% pest management professionals, 3% growers, 1% from an NGO, and 6% 'other'
- 68% stated that the IPM News and Events Roundup is either very or extremely useful, 32% stated that it is moderately or somewhat useful, and no one stated that it was not useful.
- 52% were very or extremely likely to increase IPM implementation and 40% were somewhat or moderately likely to increase IPM implementation.
- Center has received over 30 emails expressing positive feedback and testimonials.
- Surendra Dara, Cooperative Extension Advisor, UCal Ag and Natural Resources, said, "If there is an award for the best email or newsletter, this should be the one... There is always interesting/useful information in your news roundup."

# LOCATION OF IPM NEWS AND EVENTS ROUNDUP SURVEY RESPONDENTS



# COMMUNICATIONS



# IPM AWARD

- Launched in 2019
- Outstanding Achievements in IPM:  
<https://www.northeastipm.org/about-us/publications/ipm-insights/call-for-nominations-2022-outstanding-achievements-in-integrated-pest-management-award/>
- 3<sup>rd</sup> year
- Deadline December 2, 2022



# EVALUATION

- “IPM Adoption and Impacts in the United States”
  - Article for *Journal of IPM*
  - Poster at 10<sup>th</sup> International IPM Symposium: <https://www.northeastipm.org/ipm-in-action/current-news/ipm-adoption-perspectives-from-the-regions-barriers-and-recommendations/>
- Impact Statements
  - 14 updated impact statements on website
  - <https://www.northeastipm.org/about-us/publications/impact-statements/impact-statements/>
  - Sent to Cornell Office of Government Affairs, NE Extension Directors
- Spotted Lanternfly IPM Impacts Evaluation Study
- Undergraduate IPM Fellows Follow-up Survey
- Roundup survey

## EVALUATION CONTINUED

- IPM Evaluation Education and Training Program for the NE
- Aiming at a common reporting tool for NE state IPM coordinators
- Evaluation Collaboration
  - Adeola Ogunade – WVU
  - Social Network Analysis – Joe LaForest and Tegan Walker
- [Impact Statements](mailto:impactstories@usda.gov) – [impactstories@usda.gov](mailto:impactstories@usda.gov)

# STOP PESTS IN HOUSING 2022

## **IPM in Multifamily Housing Course offered nationally and on-line to public and multifamily housing April 21, 2022 – May 12, 2022**

Average attendance: **375**

Course completion certificates issued: **128**

Number of housing sites represented: **134**

Organizations or housing sites with 5 or more in attendance: **22**

## **IPM in Multifamily Housing Course in HUD Region 3 May 11, 2022 – June 1, 2022**

Average attendance: **303**

Course completion certificates issued: **130**

Number of housing sites represented: **164**

Organizations or housing sites with 5 or more in attendance: **16**

### **Other trainings:**

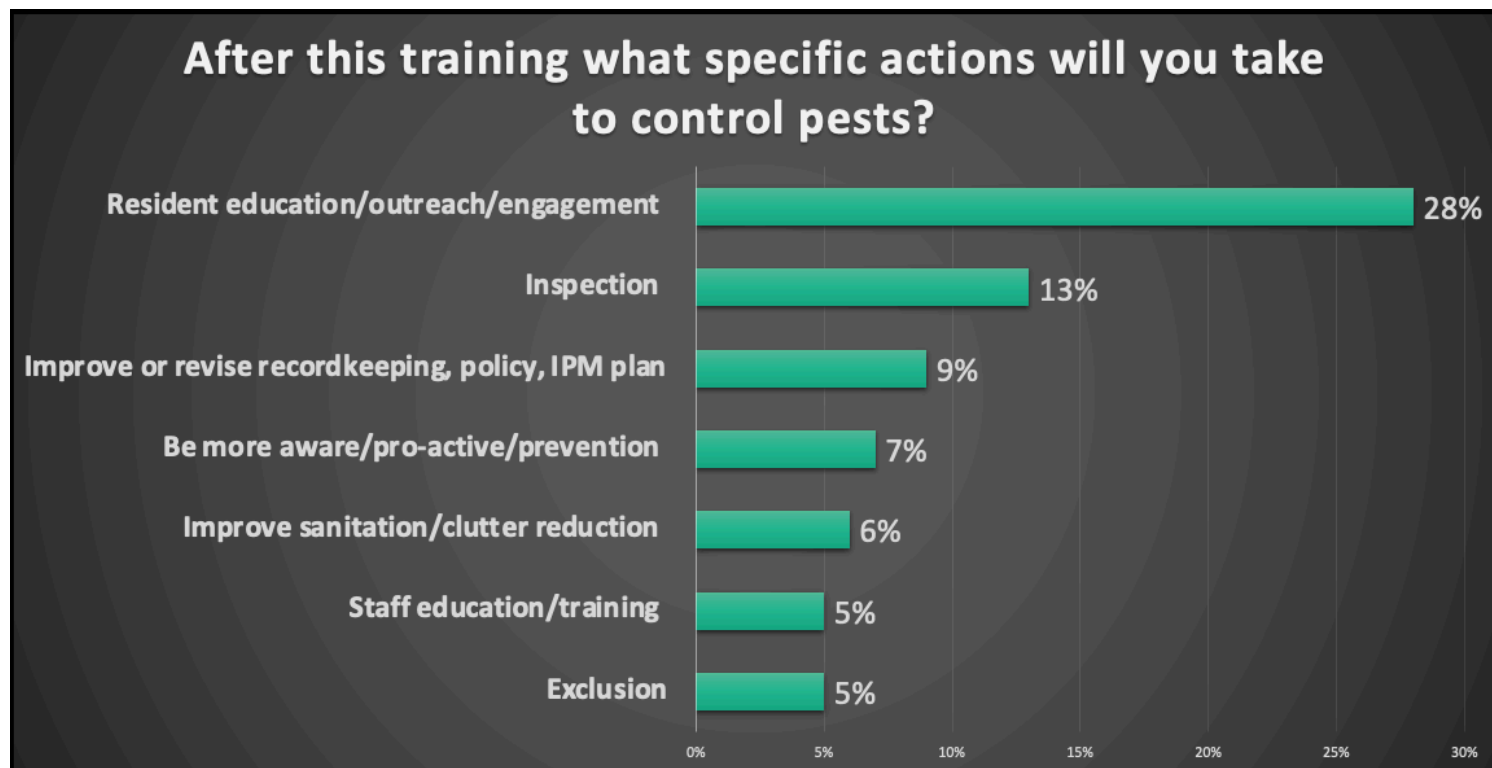
Onaway Michigan (May 2022) and U.S. Virgin Islands (July 2022)

### **Upcoming trainings:**

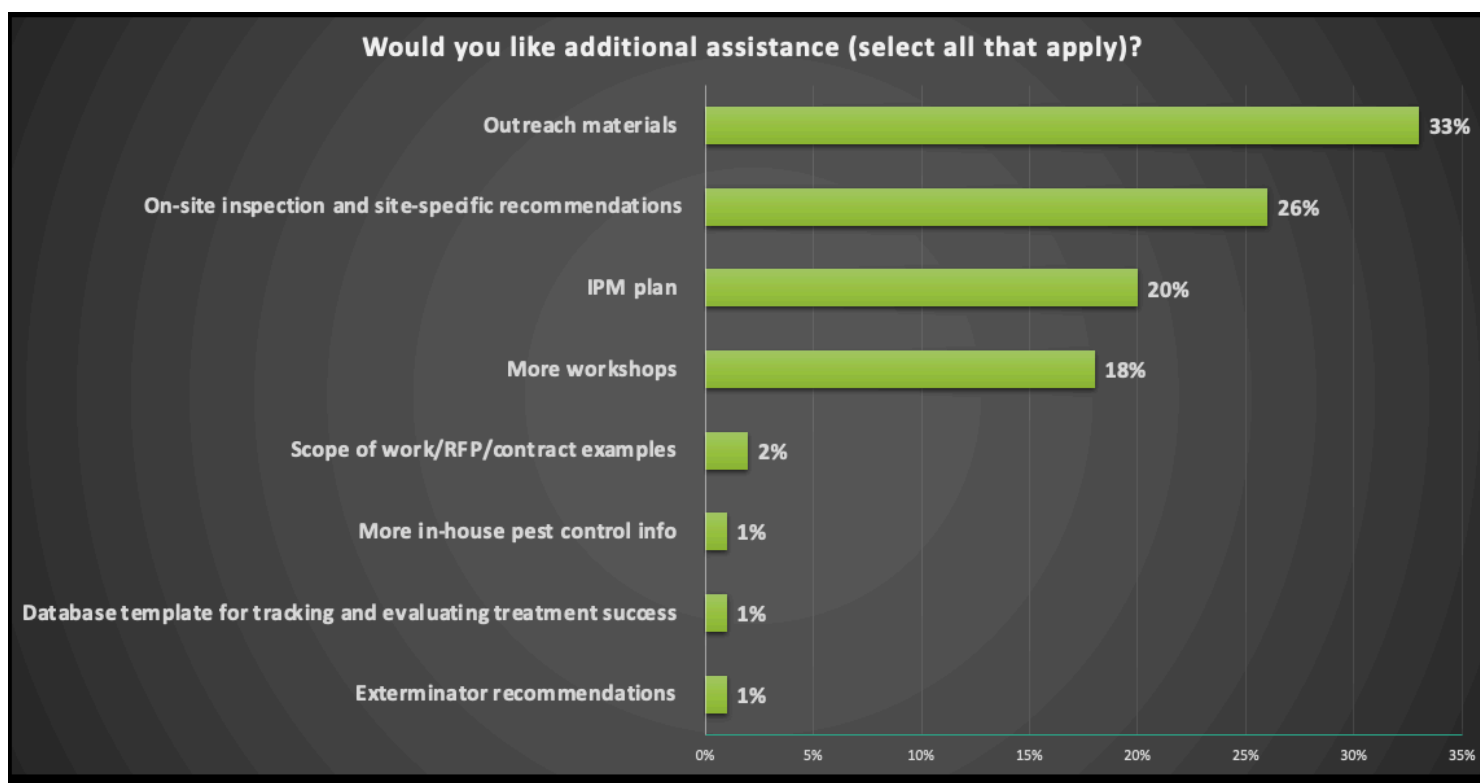
October, 2022: Santa Cruz, CA and Denver, CO

TBD: Portsmouth, VA and Hamilton, AL

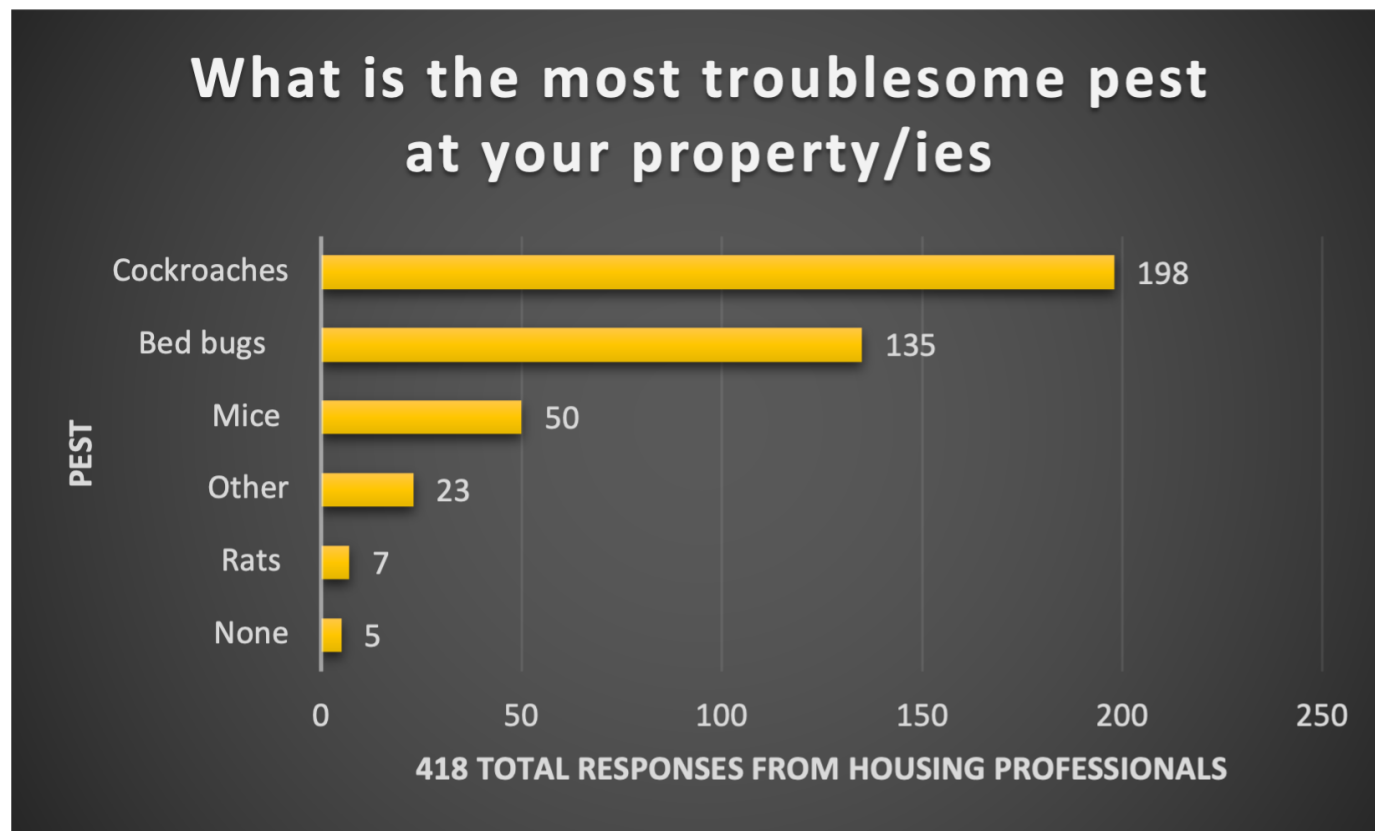
# STOP PESTS EVALUATION DATA 2016-2021



# STOP PESTS EVALUATION DATA 2016-2021



# STOP PESTS 2022 ONLINE TRAINING SURVEY



# SIGNATURE PROGRAMS: PAST!

- IPM and Organic Systems
- Climate Change and Pests
- Rural and Urban IPM
- Next Generation Education
- Advanced Production Systems

# SIGNATURE PROGRAMS: CURRENT

- Cross-cutting issues:
  - Diversity in IPM, Emerging Invasive Species, Pesticide Resistance, Economics
- Signature Programs:
  - Community IPM
  - IPM and Organic Systems
  - Climate Change and Pests
  - Pollinators
  - Next Generation Education
  - Advanced Technology for IPM



# DIVERSITY, EQUITY, INCLUSION, AND JUSTICE

We are developing a series of articles/roundtables/talks about **Diversity in IPM in 2022 and beyond**

The goals of this initiative are to:

- Create a welcoming environment in IPM. Develop awareness of career trajectories.
- Increase awareness about resources available for young scientists to build their careers.
- Build community among professionals and develop awareness about inclusivity in IPM.
- Expand capacity in the Northeast for creating programs such as the PA/NY extension programs for the Hispanic community.

# DEIJ WEBINARS

- 9/12/2022 – *Expanding the Integrated Weed Management toolbox: Evaluating IWM approaches for Maryland and Mid-Atlantic Vegetable Production Systems*, Dr. Dwayne Joseph
- 10/4/2022 – *As I Heal, So Does the Land: A Story About Blackness, Conservation, and Healing in America*, Krystal Toney
- 10/5/2022 – *Utilization of Biologicals and Biofumigation for Effective Management of Soilborne Diseases in Fruits and Vegetables*, Dr. Mahfuz Rahman
- 11/8/2022 – *Cooperative Extension in Indigenous Communities: Experiences of Educators*, Dr. Katie Hartmann
- 12/7/2022 – *Non-traditional Areas for IPM Careers and the Associated Challenges for 2SLGBTQIA+ Individuals in Pursuing Them*, Dr. Ryan Gott
- TBD, *Language Justice in Agriculture*
- TBD, *Interview with BIPOC Elders in Entomology*, Dr. Sammy Ramsey
- TBD, *Latinx Round Table*
- TBD June 2023 *LGBTQ Round Table*, facilitated by Mary Centrella and Kim Skyrn

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# **NORTHEASTERN IPM CENTER QUESTIONS?**



The logo for the Northeastern IPM Center is displayed within a light gray rectangular box. The word "Northeastern" is written in a dark blue, serif font at the top. Below it, the letters "IPM" are rendered in a large, bold, green serif font. At the bottom, the word "Center" is written in a dark blue, serif font. The entire logo is flanked by two vertical maroon bars on the left and right sides.

**Northeastern**  
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