



NAPPO

North American Plant Protection Organization
Organización Norteamericana de Protección a las Plantas
MEXICO - USA - CANADA

Pest Reporting in the NAPPO region

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Chairperson NAPPO PAS

EPPO Webinar on Pest Reporting, June 6, 2023

NAPPO is the regional plant protection organization (RPPO) for North America

- ✓ In operation since 1976
- ✓ Includes both public (NPPOs) and private (plant-related industries) sectors
- ✓ Secretariat in Raleigh, NC, USA
- ✓ Four full-time + 1 contract staff
- ✓ Manage regional projects that benefit our member countries



Pest Reporting in NAPPO

- ✓ A permanent project
- ✓ Web-based platform – **Phytosanitary Alert System or PAS** – housed at NAPPO Sect.
- ✓ Expert Group
 - ✓ members from the 3 NPPOs
 - ✓ <https://www.nappo.org/english/directory/expert-groups/pas>
 - ✓ work with their NPPOs to develop Official Pest Reports
 - ✓ get together 3-6 times/y discuss improvements to the PAS system



Why do pest reporting?

- NAPPO countries are signatories of the IPPC
- Meet our IPPC obligations to provide information on ***the status*** of non-indigenous plant pests in North America

PAS has 2 products

1. ***Official Pest Reports*** – comply with ISPM 17 - Pest Reporting
2. ***Emerging Pest Alerts*** – news on pest threats to our region

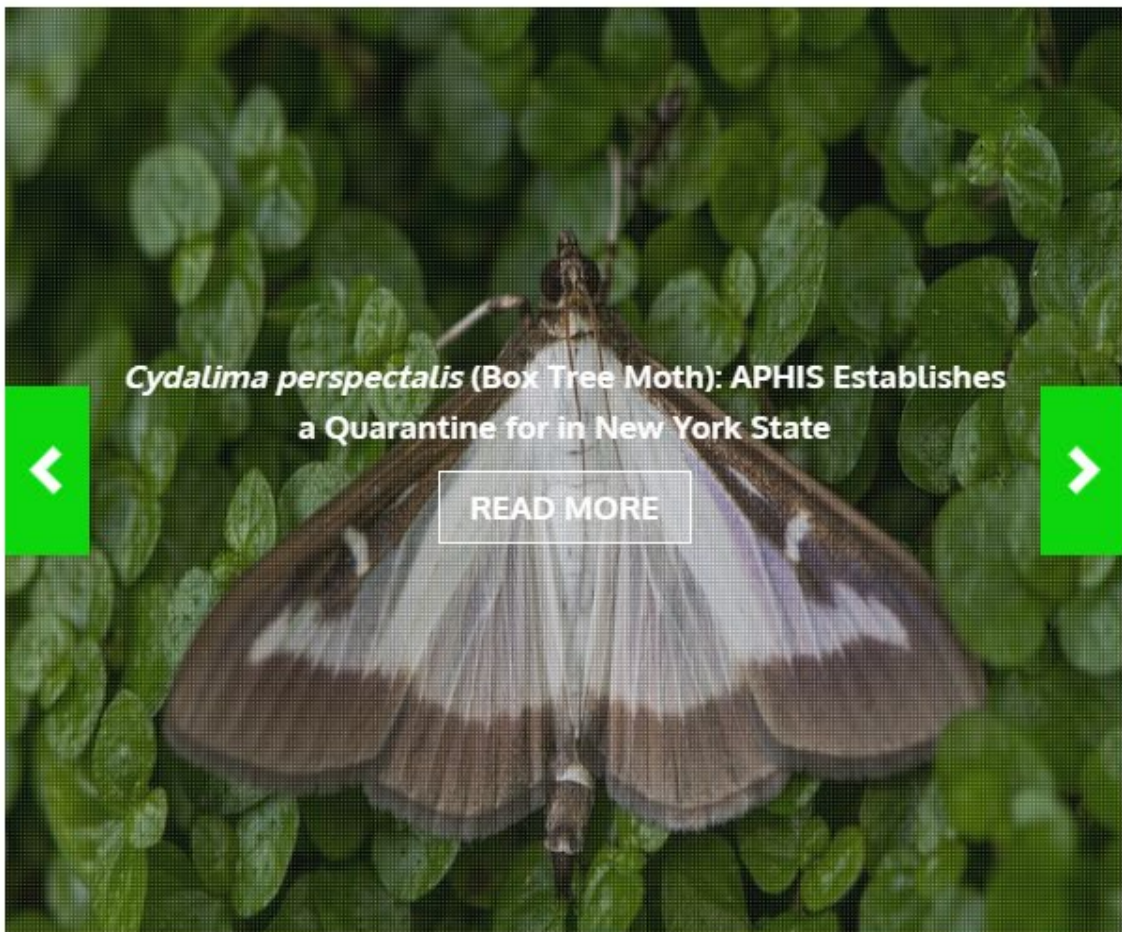


INTERNATIONAL PLANT PROTECTION CONVENTION

(New Revised Text approved by the FAO Conference
at its 29th Session - November 1997)



IPPC's Commission on Phytosanitary Measures



Cydalima perspectalis (Box Tree Moth): APHIS Establishes a Quarantine for in New York State

[READ MORE](#)

Official Pest Reports

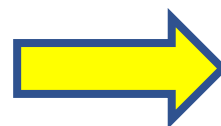
Official Pest Reports are provided by National Plant Protection Organizations within the NAPPO region. These Pest Reports are intended to comply with the International Standard for Phytosanitary Measures No. 17: 2002 Pest Reporting, of the International Plant Protection Convention.

Country	Title	Date Posted
	<i>Anastrepha ludens</i> (Mexican Fruit Fly): APHIS Establishes Quarantines in Hargill and Lyford, Willacy County, Texas, and Expands the Quarantine Area in Cameron, Hidalgo, and Willacy Counties, Texas	28 Jun 2022
	<i>Anastrepha ludens</i> (Mexican Fruit Fly): APHIS Establishes a Quarantine in Weslaco, Hidalgo County, Texas, and Expands the Quarantine Area in Palmview, Hidalgo County, Texas	28 Apr 2022
	<i>Anastrepha ludens</i> (Mexican Fruit Fly): APHIS Establishes a New Quarantine in Zapata, Zapata County, Texas and Expands the Quarantine Areas in Cameron and Hidalgo Counties	05 Apr 2022
	<i>Cydalima perspectalis</i> (Box Tree Moth): APHIS Establishes a Quarantine for in New York State	04 Apr 2022

Emerging Pest Alerts

Emerging Pest Alerts are news items obtained from public sources. They do not serve as official communication from NAPPO. The "Emerging Pest Alerts" is an early warning tool for emerging plant pests that are not present in the North American region. In most cases, information within alerts is not confirmed with the corresponding National Plant Protection Organization. They are provided solely as an early warning to NAPPO countries and should be used with this disclaimer in mind.

	Title	Date Posted
	<i>Hymenoscyphus fraxineus</i> , causal agent of ash dieback: new hosts	20 Jun 2019
	First report of <i>Argyrotaenia tucumana</i> as a pest	08 Feb 2019
	<i>Ceratitis capitata</i> detected in Chile	24 Jan 2019
	<i>Bactrocera dorsalis</i> . First report in Europe	24 Jan 2019



www.pestalerts.org

Benefits of the NAPPO Phytosanitary Alert System

NPPOs ***Industry*** ***Globally***

- meet IPPC reporting obligations
- communicate official pest information
- raise awareness on emerging plant pests



Official Pest Reports

- Official communication developed by each NPPO
- Communicates potential danger of a quarantine pest
- May include reports of implemented phytosanitary measures

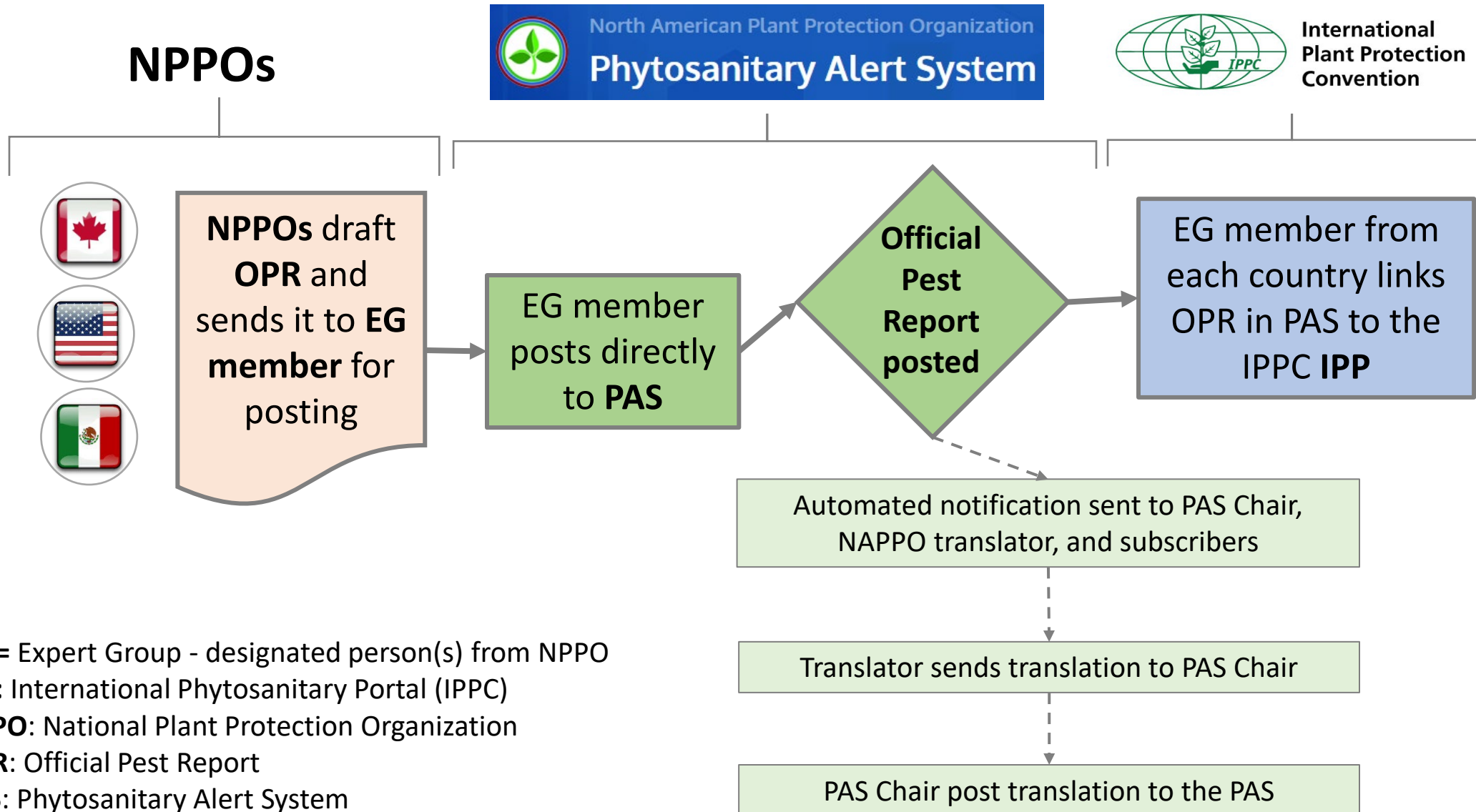
Official Pest Reports

“Cydalima perspectalis: APHIS Confirms Box Tree Moth and Takes Action to Contain and Eradicate the Pest”

“Anoplophora glabripennis - Asian longhorned beetle (ALHB) eradicated from Canada.”

*“Eradicated Mediterranean fruit fly *Ceratitis capitata* (Wiedemann) in Manzanillo, Colima, Mexico.”*

Official Pest Reports (OPR) - PAS Process



Official Pest Reporting Process in Canada – CFIA to PAS



Government
of Canada

Gouvernement
du Canada

Sampling & submission for laboratory analysis

CFIA Laboratory - Confirms pest identity

Informs

Policy & Programs Branch

Science Branch

Drafts Official Pest Report in consultation with
Science Branch

Review report from an international pest reporting
obligations perspective

Approved & signed by the Chief Plant Health Officer of Canada

OPR published in the PAS and the IPP

Director
Plant Risk Assessment &
Surveillance Division

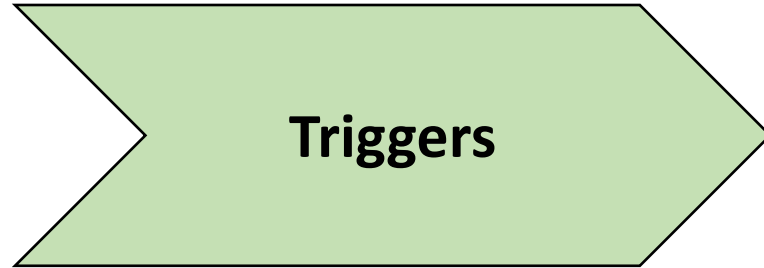
Informs



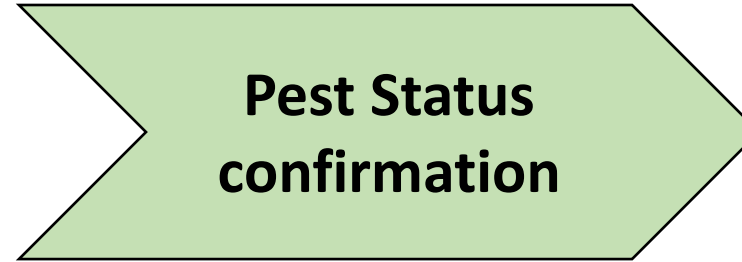
Canadian Food
Inspection Agency

Agence canadienne
d'inspection des aliments

Official Pest Reporting Process in the U. S. – PPQ to PAS



- Quarantine pest detected
- Quarantine area changes
- Official actions taken
- Pest status changes
- Eradication confirmed



- Pest ID officially confirmed
- Pest status determined
- Updates on pests under official control



- Program manager drafts official communication
- Approved by NPPO administrator
- Shared with states & stakeholders
- Posted on **NAPPO PAS**

Official Pest Reporting in Mexico – SENASICA-DGSV to PAS



Pest detection

OFFICIAL PEST DIAGNOSIS

DIAGNOSIS RESULT AND PEST CATEGORIZATION

Considering the result of the diagnosis and ISPM 8, categorization of pest status is confirmed: Transitory, Present

IS THE PEST ACTIONABLE?

Non-actionable; actionable under surveillance; actionable under official control

FOLLOW-UP ACTIONS IN RELATION TO THE PEST

On the ground actions to establish the extent of pest infestation

DRAFT PEST NOTIFICATION TO NAPPO



FOLLOW-UP TO PUBLICATION OF NOTIFICATION

Coordination with PAS Chair and translator

FINAL PUBLICATION ON THE NAPPO PAS WEBSITE

Automated notification sent to PAS Chair, NAPPO Translator, and subscribers

Reporting



Photo: J. Dykinga

“*Anastrepha ludens*:
APHIS Establishes a Quarantine
in La Feria, Cameron County,
Texas”

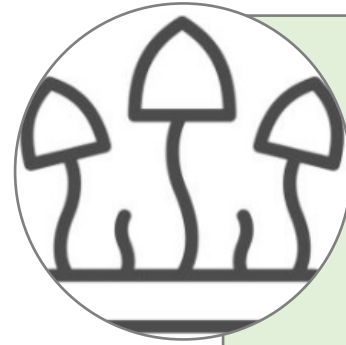
- Confirmed official detection
- Established quarantine
- Implemented safeguarding measures
- Responded with measures to eradicate the pest
- ***Pest status.***
 - *Present*: not widely distributed and under official control

“*Anastrepha ludens*:
APHIS Removes Quarantine
in La Feria, Cameron County,
Texas”

- Actions resulted in eradication
- Confirmed negative detections
- Quarantine removed
- Eradication declared
- ***Pest status.***
 - *Absent*: pest eradicated

Emerging Pest Alert

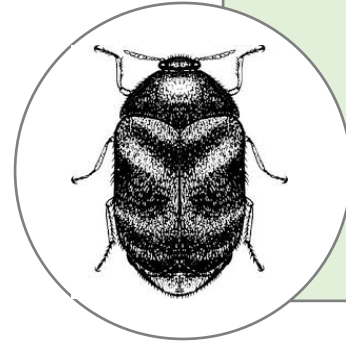
- Information from records and public sources
- Not official communications
- Provided as early warning information



“*Hymenoscyphus fraxineus*, causal agent of ash dieback: new hosts”



“First report of *Argyrotaenia tucumana* as a pest”

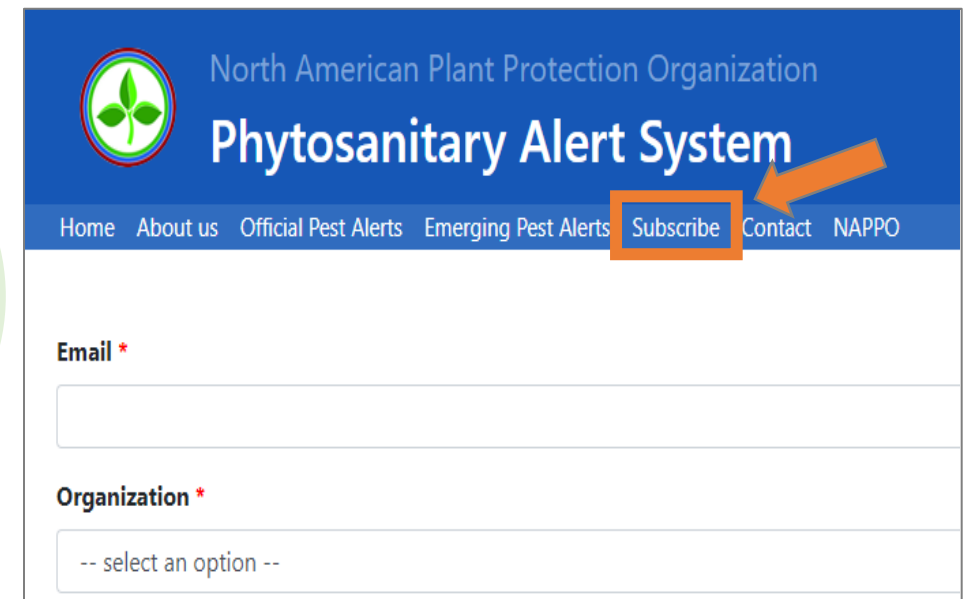
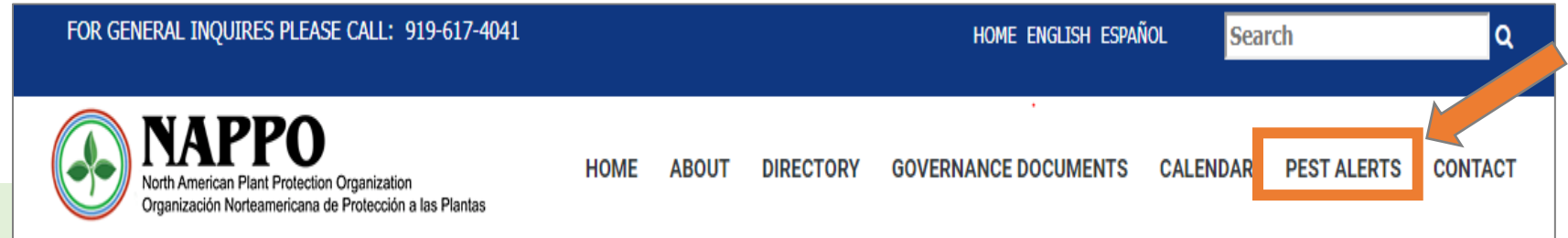


“Mexico intercepts *Trogoderma granarium* on international consignments”

Subscribe to PAS!

For latest postings:

1. Visit the NAPPO site
2. Click on 'pest alerts' tab
3. On PAS, click on 'Subscribe'



For further information: Contact PASchair@nappo.org



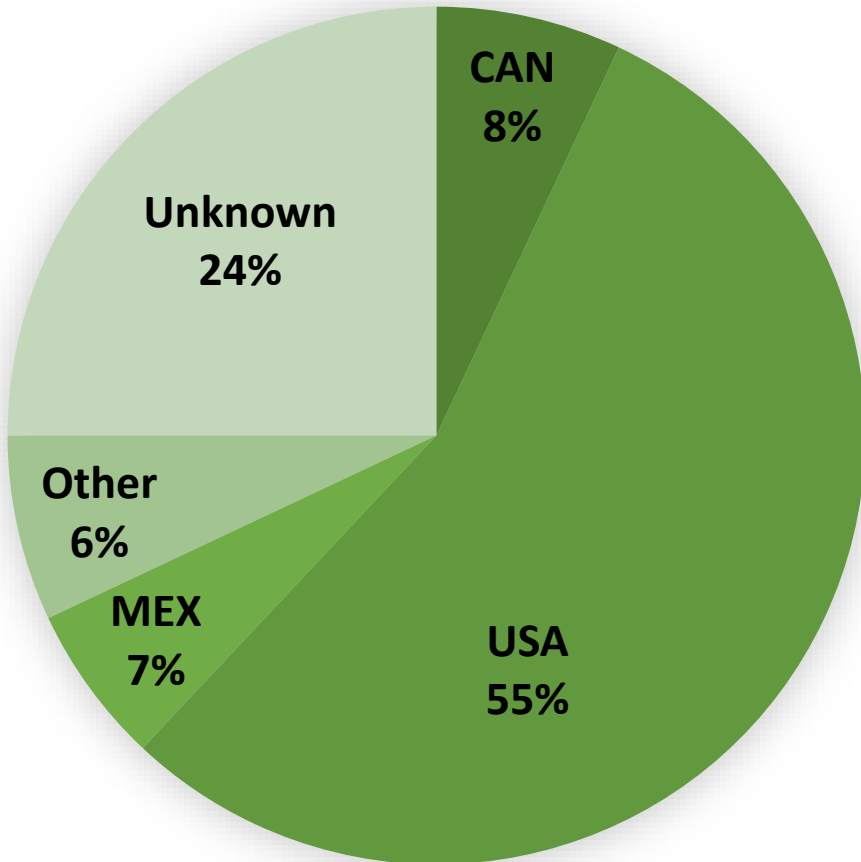
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THANK YOU!

Metrics

Percent by Country



Organization Type	Total*
Personal	1257
Government	576
Academia	184
NPPO	218
Industry	40
NGO	11
RPPO	5
Unknown	696

*Include records from 2020 to April 2023.

Year	Total
2017	38
2018	40
2019	35
2020	31
2021	27
2022	34
*2023	6

*from January to April 2023