

EPA's Pesticide Program Overview

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Office of Pesticide Programs
U.S. Environmental Protection Agency**





Office of Pesticide Program

OPP Mission Statement:

To protect human health and the environment from unreasonable risks associated with pesticide use, and to ensure that pesticide residues in food present no undue risk

How Does OPP Accomplish This Mission?

- Regulates the use of all pesticides in the United States
- Ensures any pesticide residues on food are safe
- Ensures pesticide users have information (e.g., clear label) that allows for proper use
- Ensures decisions reflect the best science and policy judgments
 - Evolving science
 - Endangered species, pollinators, endocrine disruption, human studies are important and challenging science and policy issues





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Office of Pesticide Programs

Edward Messina, Director

Arnold Layne, Deputy Director, Management

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Endocrine Disruptor
Screening Program

Antimicrobials Division

Anita Pease, Director

Steven Weiss, Deputy Director

Lisa Christ, Associate Director

Biopesticides and Pollution Prevention Division

Charles "Billy" Smith, Director

Anne Overstreet, Deputy Director

Registration Division

Marietta Echeverria, (Acting) Director

Daniel Rosenblatt, Deputy Director

Vacant, Assoc. Director

Pesticide Re-evaluation Division

Elissa Reaves, Director

Tim Kiely, Deputy Director

Health Effects Division

Dana Vogel, Director

Donald Wilbur, Deputy Director

Greg Akerman, Associate Director

Environmental Fate and Effects Division

Jan Matuszko, (Acting) Director

Amy Blankenship, (Acting) Deputy Dir.

Brian Anderson, Assoc. Director

Biological and Economic Analysis Division

Anne Overstreet, (Acting) Director

Neil Anderson, Deputy Director



OPP-wide Priorities

- Registration
 - PRIA 5 Support
- Registration Review
- ESA Implementation
- Implementation of Agency Priorities
 - Environmental Justice
 - Climate Change
- Advancing State of the Art Science
- Rule-Making, Guidance, Litigation, OIG, and Petition Responses
- Employee Experience/Organizational Development /Process and IT Improvements (GP2W)(People, Processes, and Technology)



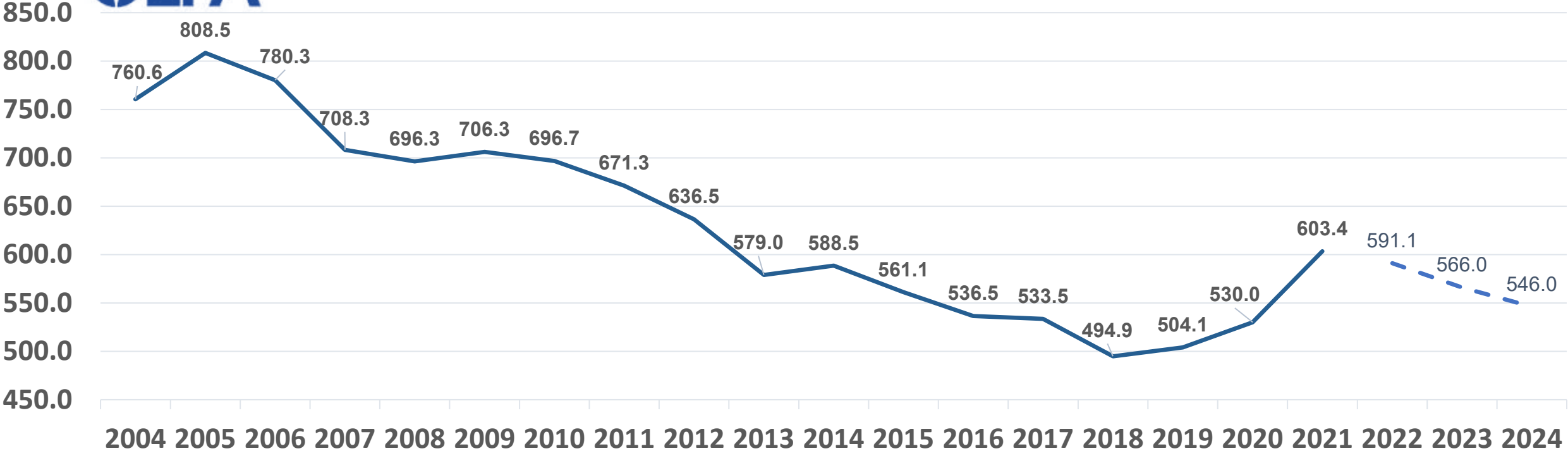


OPP FY21 Registration Highlights

- Over **11,000** submissions via Portal
- Over **5,000** registration actions completed
- **2,556** PRIA applications completed
- Registered **14** new active ingredients
- Over **2,800** non-PRIA actions completed
- **60** Section 18 emergency exemption decisions (Asian citrus psyllid, foot and mouth disease, weedy rice, glyphosate-resistant palmer amaranth, coffee leaf rust, brown marmorated stink bug, and hemlock woolly adelgid)
- Responded to over **100** congressional inquiries.
- Responded to high volume of COVID-19 related inquiries congressional (**58**), ombudsman (**1,600**), devices (**700**), disinfectants list (**487**), efficacy (**251**), pre-application meetings (**48**).

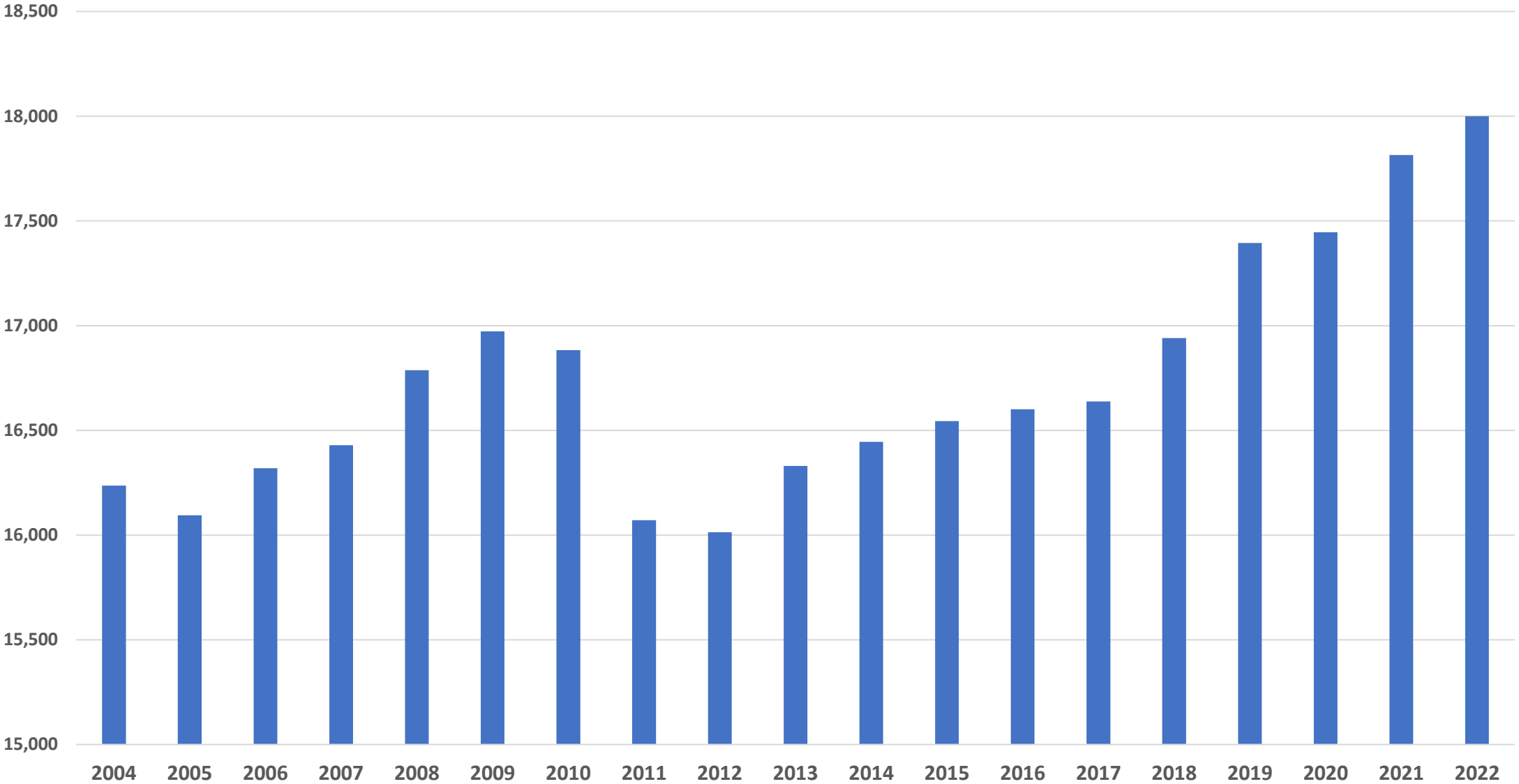


EOY Total FTE Usage for OPP from FY 2004 - FY 2024 (adjust contracts down scenario)



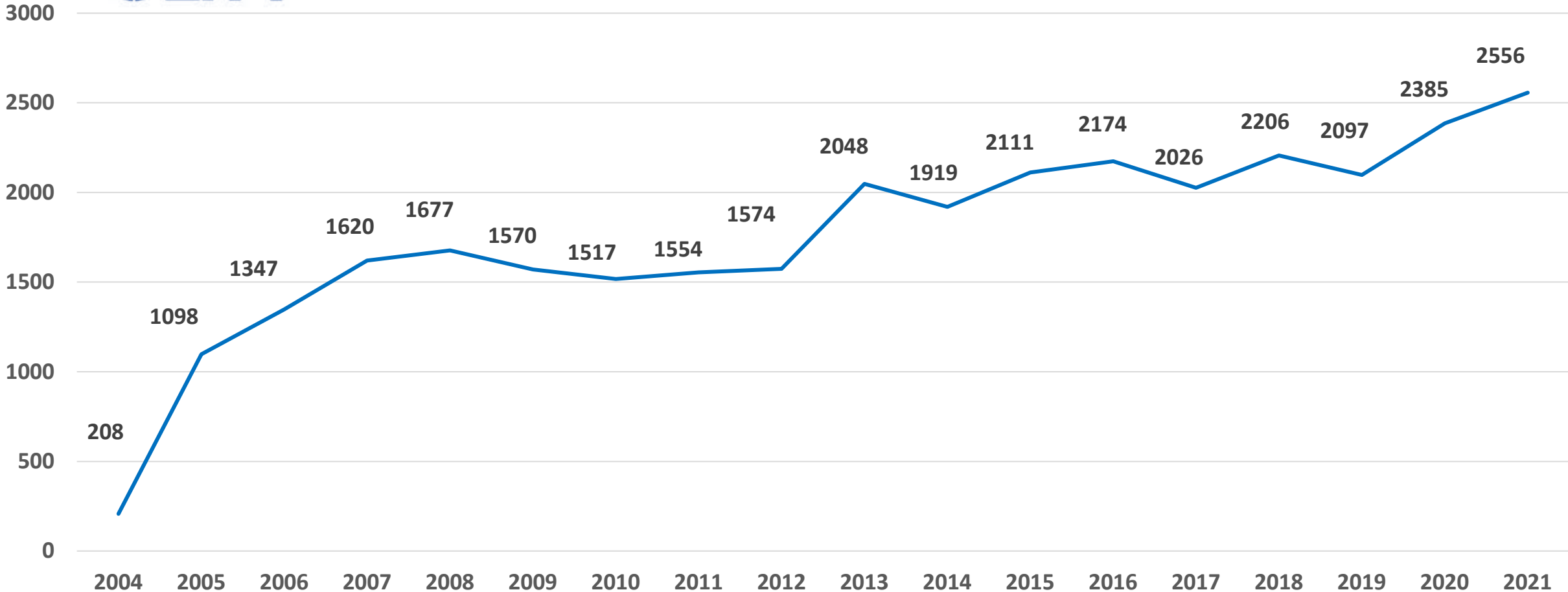
95 FTE deducted from the OCSPP Program funding levels to normalize the data to reflect OCSPP Reorganization and those FTE being moved to OPS.

Section 3 Product Registrations, 2004-2022

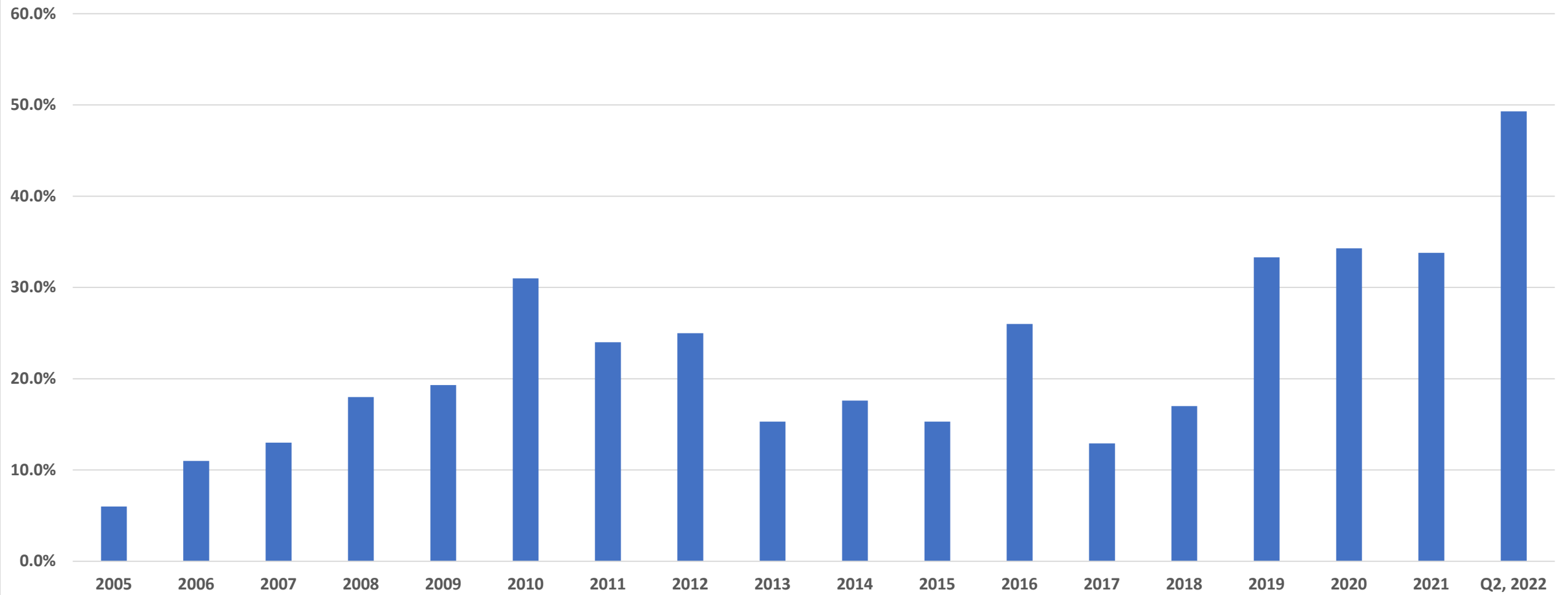




PRIA Completions: FY2004 - FY2021

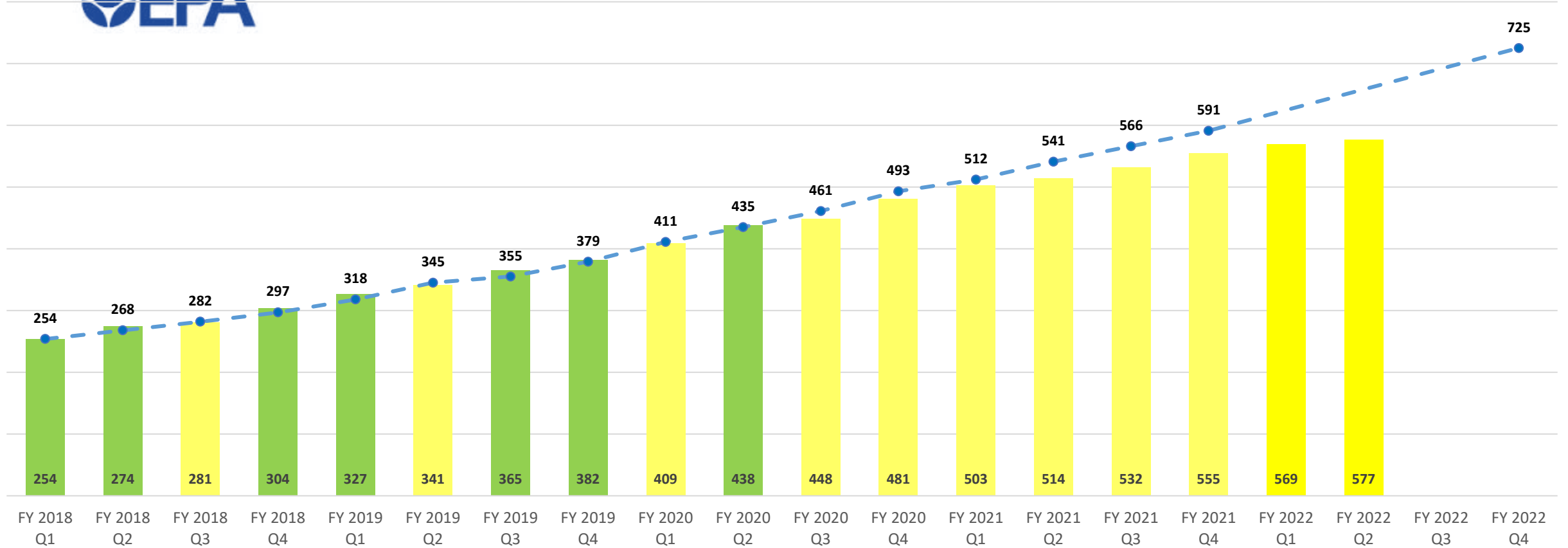


PRIA Renegotiation Rates, FY2004 to Mid-year FY2022





Number of FIFRA Decisions Completed Through Pesticides Registration Review





Endangered Species Act (ESA)

- ESA implemented as part of registration and registration review consistent with ESA-FIFRA work plan and Long-term Performance Goals in the FY2022-2026 Strategic Plan
- Implement Biological Opinions received from the Services
- Complete Biological Evaluations and/or Effects Determinations in accordance with Litigation Settlement Schedule
- Implement new policy for conventional and some biopesticide new active ingredients
- Implement newly issued ESA-FIFRA workplan





EPA Crop Group Rulemaking

EPA actively working on Rulemakings to update Crop Groups

Recent Rules

- November 2020: Final rule establishing new crop groups for herbs and spices
- January 2022: Proposed rule updating four crop groups:
 - CG 6: Legume vegetables and CG 7: Forage and hay of legume vegetables
 - CG 15: Cereal grains and CG 16: Forage, hay, stover and straw of cereal grains

Future Rules

- Final rule for legume vegetables and cereal grains – late 2022
- Proposed and final rules for the remaining crop groups

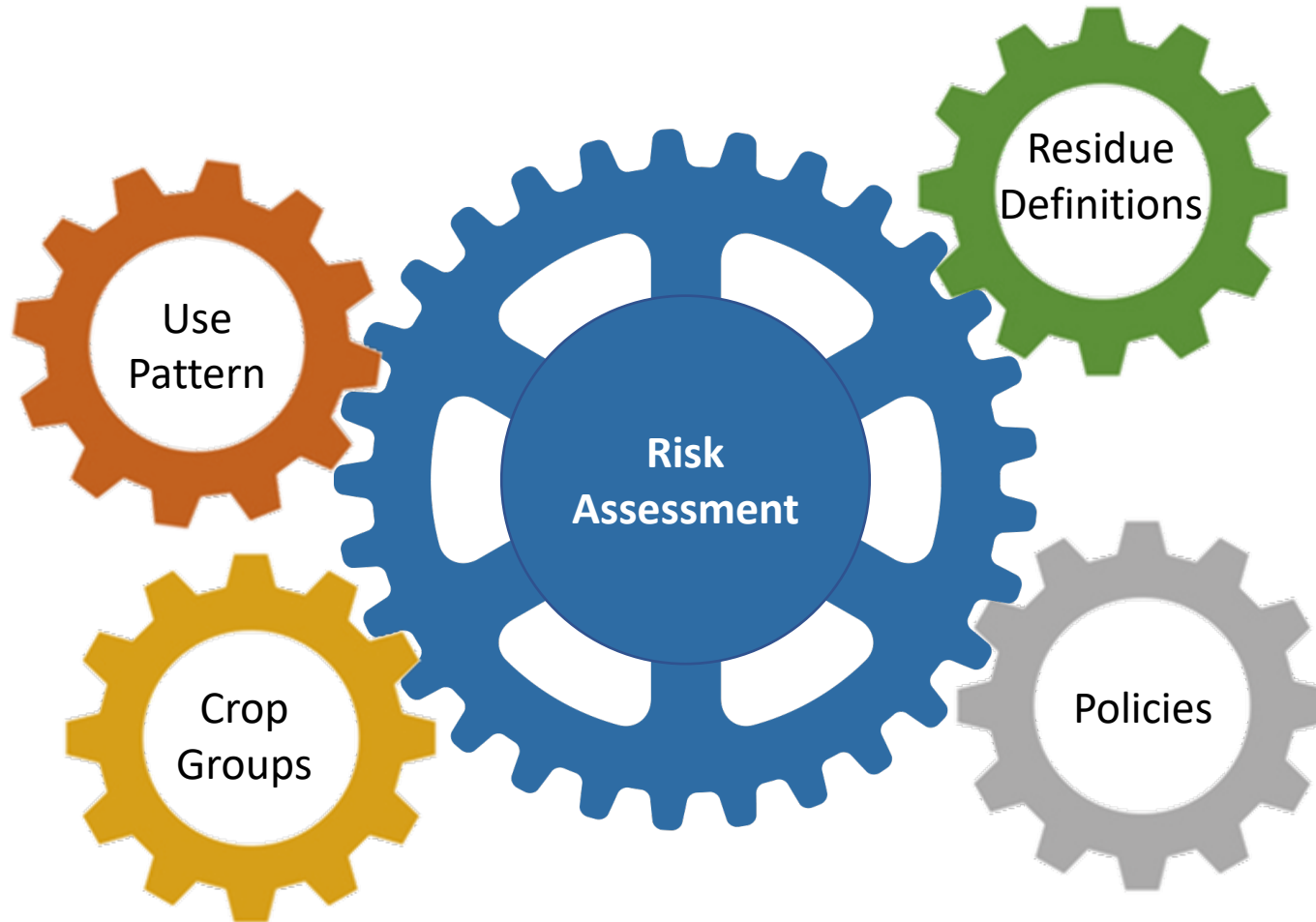


OPP's International Efforts Supporting Pesticide MRLs





International MRL Harmonization



Work is ongoing in these areas:

- OECD Harmonized Test Guidelines and Guidance documents
- Developing tolerance/MRL practices in cooperation with Health Canada PMRA
- Harmonization with Codex crop groups
- Joint-review program

Harmonized MRLs

Science Input

Compliance

Stakeholder
Input

Risk Assessment

Risk Management



International Efforts Supporting Pesticide MRLs

- Ensure U.S. engagement on international issues is consistent with EPA regulations
- Support the Office of the United States Trade Representative's (USTR) engagement at the World Trade Organization (WTO) and U.S. Department of Agriculture with Codex.
- Develop policy and negotiating direction for EPA to ensure pesticide and chemical interests are reflected in international fora
- Respond to urgent requests to assist with trade barriers



World Trade Organization's Sanitary and Phytosanitary Agreement (WTO SPS)

- Use risk-based decision making to establish our MRLs
- Notify the WTO SPS members of our MRL actions
 - New notifications on Crop Groupings
- Share our technical expertise and U.S. perspective during SPS Committee events



United States- Mexico- Canada Free Trade Agreement (USMCA)

Technical Working Group on Pesticides

- EPA to host the 2022 meeting in a virtual format
- As part of the EPA Secretariat the USMCA TWG will be reopening the Terms of Reference and Strategic Plan for revisions
- At this time dates and agenda are in the process of being finalized.



Asia Pacific Economic Forum (APEC) Food Safety Cooperation Forum

EPA's APEC Import Tolerance Pilot Project

- EPA relies on residue chemistry data reviews from a National Authority, JMPR or EFSA rather than a standard U.S. review
- EPA reviews the in-dept report from the competent authority.
- U.S. tolerance = MRL from Codex, European Union or exporting country
- Only applies to crop residue data. All other data requirements must be met



Asia Pacific Economic Forum (APEC) Food Safety Cooperation Forum

EPA's APEC Import Tolerance Pilot Project

- Fluxametamide in/on tea
- Isoprothiolane in/on rice (which also included a “traditional” import tolerance on banana based on submitted field trial residue data)
- Pyflubumide in/on tea
- Metaflumizone in/on apple, citrus (subgroups 10-10A, 10-10B and 10-10C), coffee, melon subgroup 9A and grape
- Difenconazole in/on Japanese persimmon and olive



Organization for Economic Co-operation and Development (OECD)

Chemicals and Biotechnology Committee

- Mutual Acceptance of Data (MAD) framework
- Inter-Organization Program for the Sound Management of Chemicals (IOMC) Toolbox case studies

Working Party on Pesticides

- Initiating international discussion of data requirements
- Exposure models used in regulatory context and for children's health assessment



Organization for Economic Co-operation and Development (OECD)

Working Group of National Coordinators of the Test Guidelines Program

- Harmonization of test guidelines for pesticides and toxic substances
- Guideline on Defined Approaches for Skin Sensitization
- New Approach Methods (NAMs) webinars



Global Joint Reviews

- What is a Joint Review?
 - A Joint Review is a cooperative effort by two or more regulatory authorities to review data/information provided to support the registration of a new active ingredient
- Joint Review Objectives
 - MRL Harmonization; minimize trade barriers
 - International Collaboration
 - Resource Savings
 - Aligned Market Entry – generally safer pesticides
- Moving Forward
 - The US is committed to the Joint Review process
 - Exploring ways to increase efficiency and effectiveness of these reviews
 - The US is open to wider participation and having more countries in Joint Reviews



Codex Committee on Pesticide Residues (CCPR)

- CCPR establishes food safety standards for food and feed commodities that are traded globally.
- CCPR is held annually in China, attended by 80+ Member Countries, and typically sets > 300 new pesticide MRLs each year.
 - Ensure fair practices in the food trade
 - Fosters harmonization of food standards worldwide
 - Protect the health of consumers
 - Science-based public health and food safety standards
- OPP leads the U.S. Delegation to CCPR and is responsible for planning, outreach/engagement with U.S. stakeholders, and development of strategies to accomplish U.S. priorities in international trade and consumer health protection.



Joint Meeting on Pesticide Residues (JMPR)

OPP is continuing to support the JMPR by providing expertise

- 1 Residue Chemist with 2 in training
- 1 Toxicologist with 1 in training

Aware of the backlog in JMPR work exacerbated by Covid-19

- Working with the JMPR, the CCPR, and Industry to explore ways to improve the evaluation process and maintain the independent nature of the JMPR



Take-home Messages



- Harmonization is important
- MRL heterogeneity has a real-world, negative impact on growers
- EPA default: Harmonize with Codex if possible
- Stakeholder input is crucial



Thank you

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