**Animal and Plant Health Inspection Service**

**WHO WE ARE**
- 8,379 employees total*
- $1.4B budget
- 6 operational programs
- 7 labs and research hubs

To protect the health and value of America’s agricultural and natural resources

**OUR FOCUS**
- Plant health
- Animal health
- Wildlife damage management
- Animal welfare
- Global trade
- Biotechnology

**WHERE WE SERVE**
- 50 states
- 4 territories
- 87% at field locations
- 13% at DC/MD headquarters
- 36 countries

**WHAT DRIVES US**
- 25+ agricultural sectors with diverse needs to serve
- 21.6M jobs depending on U.S. agriculture and related industries
- $143B in U.S. agricultural exports for the global food supply
- 900M acres of U.S. farmland to protect
- 183M head of livestock to protect from predators and foreign animal diseases
- 1M+ animals to inspect for humane care and use under the Animal Welfare Act and the Horse Protection Act

**WHY?**
Because HEALTHY and PROFITABLE American agriculture means FEEDING and CLOTHING the WORLD.
For more than 40 years, the mission of USDA’s Animal and Plant Health Inspection Service (APHIS) has been to protect the health and value of America’s agricultural and natural resources. Millions of people benefit from APHIS’ programs and services every day. Below are key results from our work in 2018.

**BY THE NUMBERS**

- **100%** of commercial cotton-producing areas in the continental United States now free of pink bollworm, ending a 101-year-old battle with one of the world’s most damaging cotton pests.

- **650+** participants in Federal-State-industry response to a simulated outbreak of foot-and-mouth disease (FMD), improving U.S. readiness for foreign animal diseases.

- **0** incursions of the most dangerous foreign animal diseases of livestock (FMD, African swine fever).

- **89%** compliance with the Horse Protection Act.

- **91%** compliance with the Animal Welfare Act.

- **10,000+** producers we helped in 47 States to protect livestock from predators.

- **$50M** net cost savings from 7 deregulatory market access proposed rules.

- **$23.4B** estimated value of foreign markets opened, expanded, or retained for U.S. plant and plant product exports.

- **200+** markets opened, expanded, or retained for U.S.-origin animal products or live animals.

- **129** innovations authorized (deregulated) to date for field use.

- **700** site inspections to oversee field testing for genetically engineered crops and protect plant health.

*Includes full-time permanent, temporary, and term positions as well as Locally Employed Staff abroad*
Plant Health

Plant Protection and Quarantine protects plant health by preventing destructive pests from entering the United States, limiting the spread of pests that are already here, working to eradicate economically and environmentally significant pests of concern, and facilitating the safe trade of plants and other agricultural products.

Inspected and cleared 3.83 billion pounds of fresh fruits and vegetables and 1.1 billion plants from 22 countries before they shipped to the United States.

Cleared 18,502 imported shipments containing nearly 1.7 billion plant products and nearly 697 tons of seeds and intercepted 1,173 different pest species.

Identified 130,493 individual pests found during U.S. Customs and Border Protection inspections of imported commodities, cargo, conveyances, and passenger baggage and took quick action to prevent those of concern from entering the United States.

Completed 226 risk analyses and related products to evaluate new or exotic pests for their potential to establish and harm U.S. agriculture and determine which ones might travel here on imported goods and commodities.

Issued more than 21,000 import permits for plants and plant products and responded to more than 22,000 inquiries about imports and plant health permits.

Issued over 719,755 Federal phytosanitary (plant health) certificates to facilitate the export of U.S. plants and plant products to 208 international destinations.

Opened, expanded, or retained markets for U.S. plant and plant product exports valued at more than $23.4 billion.

Conducted 466 pest surveys with partners in 50 States and 3 Territories, detecting 14 new or re-introduced species—all of which were found before they caused significant damage.

Eliminated pink bollworm from all commercial cotton-producing areas in the continental United States, ending a 101-year-old battle with a pest that cost growers tens of millions of dollars in losses annually.

Distributed $63.5 million in funds from the Plant Pest and Disease Management and Disaster Prevention Program to cooperators across the country for 446 projects that help safeguard U.S. plant health.

Negotiated with foreign governments to release 204 U.S.-origin shipments worth more than $50 million that were held at ports abroad due to paperwork issues or plant health concerns and helped re-export 58 U.S. shipments worth $284,000.

Worked with 182 International Plant Protection Convention members to adopt 9 new international standards that facilitate safe agricultural trade.

Maintained access to a $12 billion soybean market in China by identifying best practices for reducing weed seeds in U.S. exports.

www.aphis.usda.gov/plant-health
Animal Health

Our Veterinary Services program protects animal health by regulating the import of animals and animal products; responding to animal disease emergencies; managing national programs for controlling animal diseases; conducting diagnostic testing; and ensuring pure, safe, potent, and effective veterinary biologics.

 Surveyed the health of backyard birds at more than 100,000 locations and tested over 3,300 diagnostic samples to prevent virulent Newcastle disease—a highly contagious and fatal bird disease—from spreading to commercial poultry, an industry valued at $49.2 billion

 Performed 28,000 tests on U.S. poultry for influenza A virus

 Improved U.S. readiness to respond to foreign animal diseases by carrying out the APHIS Agriculture Response Management and Resources foot-and-mouth disease functional exercise, a Federal-State-industry response to a simulated disease outbreak involving an estimated 650 participants and 13 States

 Conducted 2,072 foreign animal disease investigations to protect the health of U.S. agriculture, the most investigations ever conducted in a fiscal year

 Monitored U.S. livestock for disease, including 2.5 million tests for brucellosis; 232,000 animal inspections or treatments for cattle fever tick; 815,000 tests for cattle tuberculosis; 12,000 tests for classical swine fever; 125,000 tests for swine pseudorabies; and 43,000 tests for scrapie

 Provided market release of more than 106 billion doses of veterinary biologics prepared by 94 manufacturers and permit holders targeting 230 animal diseases that threaten American agriculture

 Endorsed 326,000 health certificates to facilitate safe animal exports

 Negotiated export requirements to open, continue, or expand access to more than 200 markets for U.S.-origin animal products or live animals

 Helped safely import and return home more than 1,000 foreign horses that came to North Carolina for the World Equestrian Games

 Enhanced our ability to electronically collect data for the national animal disease tracing system—for example, using mobile technology to speed the import of approximately 30,000 cattle from Canada—and retired 4 million identification numbers for cattle at the end of their lifespans, making it possible to conduct tracebacks more quickly

 www.aphis.usda.gov/animal-health
Wildlife Damage Management

Wildlife Services provides Federal leadership and expertise to resolve conflicts between people and wildlife and allow them to coexist by protecting agriculture; natural resources, including threatened and endangered species; property and infrastructure; and public health and safety.

**2018 Highlights**

- Assisted farmers and ranchers in 47 States to reduce the impact of predators on their animals, protecting 4.5 million head of cattle, 3.4 million sheep, and 550,000 head of other livestock.
- Worked with 872 airports across the United States to prevent wildlife from colliding with aircraft, improving travel safety for more than 700 million passengers.
- Distributed more than 10 million vaccination baits in 17 States to reduce rabies in wildlife and prevent disease spread to people and pets.
- Donated 118 tons of goose and deer meat for people in need—providing protein for 50,000 meals in the Washington, D.C., area alone—and 13 tons of deer and goose meat for animals in zoos, aquariums, and veterinary facilities.
- Eradicated feral swine from 2 States—Maryland and New Jersey—and worked in 37 other States and 3 Territories to reduce populations of feral swine and protect agriculture from this major threat.
- Gave advice and information to 268,823 farmers, ranchers, and members of the public to help them protect resources from wildlife damage.
- Conducted research to find innovative solutions to wildlife damage issues, with broad public impact—140 articles published in 91 different scientific venues and 243 presentations given at scientific, stakeholder, and public forums in 2018 alone.
- Managed beaver damage in 37 States, protecting roads, bridges, timber, agriculture, and property—with an up to $89 return on taxpayer investment for every $1 spent on this work.

www.aphis.usda.gov/wildlife-damage
Animal Welfare

Animal Care protects the welfare of animals by administering two important laws: the Animal Welfare Act (AWA) and the Horse Protection Act (HPA). Over 8,000 customers engage in activities governed by these laws—breeders, dealers, and exhibitors; research facilities; transporters; dog importers; and managers of horse shows, exhibitions, and sales. Animal Care also provides national leadership on the safety and well-being of pets and other animals during disasters.

$33.9M BUDGET
178 EMPLOYEES

2018 Highlights

Conducted 10,342 AWA site inspections, assessing the health, care, and treatment of more than 1 million animals

Achieved 91% compliance among AWA licensees and registrants through quality inspections, guidance, and outreach

Initiated 19 investigative cases for alleged AWA violations, assessed nearly $300,000 in penalties, and suspended or revoked 6 AWA licenses

Inspected 1,638 horses at shows and exhibitions for HPA compliance

Improved the consistency of USDA and industry inspections under the HPA, with a 90% increase in detections of HPA noncompliances by Designated Qualified Persons

Assessed almost $70,000 in penalties for HPA violations and disqualified 49 individuals from participating in HPA-regulated activities

Invested more than $400,000 in cooperative agreements with key emergency management partners to strengthen U.S. preparedness for ensuring the safety of pets and other animals in disasters

Provided $15,000 to help Native American communities with free spay and neuter services

Improved AWA license renewal process to remind licensees when it’s time to renew, leading to a 24% reduction in lapsed licenses

Introduced a one-stop web resource for obtaining permits to import dogs, issuing 586 import permits for 2,021 dogs (compared to 5 permits for 35 dogs in FY 2017)

WHERE WE WORK
88% in the field
12% at DC/MD headquarters

www.aphis.usda.gov/animal-welfare
Global Trade

International Services’ team of domestic policy staff, Foreign Service officers, and foreign nationals supports APHIS’ mission on the global stage. They work closely with other governments to control pests and diseases before they can enter the United States, build technical and regulatory skills to prevent the spread of pests and diseases, and facilitate safe agricultural trade.

$81M BUDGET
285 EMPLOYEES*

WHERE WE WORK

* Includes full-time permanent, temporary, and term positions as well as Locally Employed Staff abroad

2018 Highlights

Represented APHIS in numerous face-to-face meetings and other direct, ongoing dialogue with foreign counterparts abroad to promote agricultural health and trade—with 2018 seeing a $3 billion increase in U.S. exports of agricultural products

Coordinated with other APHIS programs to help open new markets and expand or retain existing access for a wide range of U.S.-origin products, such as breeding cattle to Ghana (worth an estimated $20 million over a 5-year period), corn to Myanmar (valued at $6 million), live poultry to Indonesia (worth $22 million in 2017), and ash wood to the European Union (worth $47 million)

Provided key diplomatic and technical support in APHIS negotiations with foreign governments to release more than 270 shipments of U.S. agricultural exports worth over $50 million that were held at ports abroad due to paperwork issues or agricultural health concerns

Produced 1.1 billion sterile Mediterranean fruit flies weekly at the El Pino sterile insect facility in Guatemala, supporting preventive release programs in California and Florida, along with suppression efforts in Guatemala and Mexico

Released 780 million sterile screwworm flies in the biological barrier zone in Panama and Colombia to protect screwworm-free areas in North and Central America from re-infestation

Trained 283 foreign officials on the U.S. regulatory process by hosting them during 58 visits

Responded to 130 requests from foreign governments and others for subject matter expertise, trainings, and outreach-related activities, including working with Tuskegee University to train 2 groups of 50 veterinarians and officials from 21 African countries in animal and plant health risk assessment

Provided 3 animal health trainings focused on highly pathogenic avian influenza surveillance and emergency response to 44 government officials representing about 39 countries

www.aphis.usda.gov/international-services
Biotechnology

Through the Biotechnology Regulatory Services program, APHIS protects against risks to U.S. plant health by overseeing the safe import, interstate movement, and environmental release/field testing of certain genetically engineered (GE) organisms. APHIS coordinates these responsibilities along with the other designated Federal agencies as part of the Federal Coordinated Framework for the Regulation of Biotechnology.

2018 Highlights

- Provided nearly **$750,000** in cooperative funding to universities and other partners for critical biotechnology work, including State inspections, risk assessments, and protecting natural plant heritage
- With PPQ and States, conducted more than **700** safety inspections of authorized GE field trials to protect other crops
- Completed **27** virtual inspections of GE field trials after launching a new virtual inspection process
- Held **4** meetings or workshops for our stakeholders and regulated community to share information and guidance helping them understand how to follow our regulatory processes
- Completed **2** petitions for deregulation within time targets, bringing the total number of deregulated products to **129**
- Delivered presentations to delegations from **23** countries to offer technical information and build capacity abroad for regulating biotechnology
- Processed **1,562** permits and notifications for the import, interstate movement, or environmental release of regulated GE products
- Authorized **10,351** locations and **4,550** sites in **45** U.S. States and Territories for the movement or field testing of GE products
- Converted **40,000** pages of notification and permit records from paper to electronic versions, allowing faster response to requests for FOIA (Freedom of Information Act) and administrative records
