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Highly Pathogenic Avian Influenza Emergency Response

Last Modified:

The materials on this page are specific to highly pathogenic avian influenza (HPAI). You can use these tools and resources to prepare for and respond to an outbreak of this disease.

We also offer general materials that apply not only to HPAI, but other foreign animal pests and diseases as well. To view these materials, visit Foreign Animal Disease Preparedness and Response.

HPAI Response Plan: The Red Book

The Red Book Powerpoint (Long)

The Red Book Powerpoint (Short)

HPAI Response and Policy Information

Learn more about our response to an HPAI outbreak.

Expand All

Strategy and Policy

Updated	Document
4/08/22	USDA Authorization for Response and Associated Activities (142.76 KB) *Policy*
12/09/24	HPAI New State Checklist (265.28 KB) *State Checklist*
11/20/23	EMRS Quick Reference Guide for HPAI Disease Management (1.04 MB)
5/28/24	Initial Epidemiological (Epi) Interview (2.08 MB) *Responder Template*
4/04/22	Permitting Live Poultry into an Infected Zone: Claims for USDA Indemnity Not Considered (315.71 KB) *Policy*
12/08/25	HPAI Biosecurity Audit Tool (1.06 MB)
7/16/26	Ventilation Shutdown Plus (+) Policy (250.13 KB) *Policy*
7/16/26	Response Goals & Depopulation Policy (242.4 KB) *Policy*

Finance and Administration Processes

Updated	Document
12/09/24	Overview of Finance and Administration Procedures (201.04 KB) *Operator Guide*
4/07/25	Emergency Cooperative Agreement Guidance: Financing the Response (for affected States) (460.78 KB)
1/05/23	Poultry Indemnity Valuation for HPAI (412 KB) *Operator Guide*
5/24/21	VSG 8603.2 Procedures for Indemnity and Compensation Claims in Cases of H5/H7 Low Pathogenicity Avian Influenza Infection in Poultry (2.16 MB) *Operator Guide*
3/21/25	Flock Plan: HPAI Euthanasia/Depopulation, Disposal, and Virus Elimination Procedures for Infected Premises in [State] (294.63 KB) *Operator Template*
7/17/26	Flock Plan Addendum for Highly Pathogenic Avian Influenza Depopulation and Disposal Flat Rate Pilot (741.82 KB) *Operator Template*
2/19/26	Appraisal and Indemnity Form: Appendix 1H - Indemnity and Compensation Request for HPAI (396.4 KB) *Operator Template*
2/19/26	Appraisal and Indemnity Form: Appendix 2H—HPAI-Affected Backyard Flock Management Agreement (392.88 KB) *Operator Template*

Updated	Document
7/17/26	Appraisal and Indemnity Request Form: Appendix 2A– Draft for Poultry Owner (850.22 KB) *Operator Template*
7/17/26	Appraisal and Indemnity Request Form: Appendix 2B– Draft for Contract Grower (394 KB) *Operator Template*

Surveillance and Diagnostics

- Sample Collection for Avian Influenza A and Newcastle Disease (403.92 KB)
- Surveillance of Backyard Flocks in a Control Area or Surveillance Zone (261.87 KB) (January 14, 2025)
- Surveillance Sampling for Commercial Premises in a Control Area or Surveillance Zone (288.35 KB) (January 14, 2025)
- HPAI Response: Policy for Enhanced Pre-Slaughter Surveillance of Meat-Producing Poultry Flocks in Affected States Located Outside of Active Control Areas (182.31 KB) (August 26, 2025)

Quarantine, Movement Control, and Continuity of Business

Updated	Document
12/04/25	Alternatives to Disposal Methods for Shell Eggs and Egg Products From an HPAI-Infected Premises (249.29 KB) *Responder Guide*
2/07/22	HPAI in the Live Bird Marketing System (218.29 KB) *Policy*

Updated	Document
6/22/22	Testing Requirements for Movement From the Control Area (188.53 KB) *Policy*
2/21/22	Overview of HPAI Control Area Permitting Process (237.14 KB) *Responder Guide*
6/22/22	Movement Control (250.29 KB) *Policy*
4/19/16	HPAI Zones and Premises Training PowerPoint (716.97 KB) *Responder Guide*
4/19/16	HPAI Zones and Premises (237.67 KB)

Disposal and Cleaning/Disinfection (Virus Elimination)

Updated	Document
2/05/16	Mortality Composting Protocol for Avian Influenza-Infected Flocks (1.75 MB) *Responder Guide*
5/12/16	Overview of the Composting Process (185.1 KB) *Job Aid*
5/11/16	Pre-Compost Windrows for Avian Influenza-Infected Flocks (186.37 KB) *Job Aid*
5/09/16	Carbon Sources for Windrow Construction (261.59 KB) *Job Aid*

Updated	Document
12/01/16	Finding Carbon Source: What To Say When Calling Potential Vendors (159.17 KB) *Job Aid*
5/09/16	Windrow Construction Protocol for Avian Influenza-Infected Flocks (252.4 KB) (252.4 KB) *Job Aid*
5/09/16	Temperature Monitoring Protocol for Avian Influenza-Infected Flocks (251.86 KB) *Job Aid*
3/22/16	Calibration of Analog Thermometers (524.61 KB) *Job Aid*
8/24/26	Initial Compost Windrow Construction Checklist for Avian Influenza-Infected Flocks (211.03 KB) (36.41 KB) *Responder Checklist*
8/24/26	Phase 1 Windrow Evaluation Checklist Days 1–14 for Avian Influenza-Infected Flocks (138.91 KB) *Responder Checklist*
8/24/26	Phase 2 Windrow Evaluation Checklist Days 15-28 for Avian Influenza-Infected Flocks (139.44 KB) *Responder Checklist*
8/24/26	Initial Site or Farm Assessment and Compost Plan for Avian Influenza-Infected Flocks (407.42 KB) *Job Aid*

Updated	Document
1/05/23	Landfill Disposal Guidance—Recommended Waste Acceptance Practices for Landfills (191.76 KB) *Responder Guide*
10/05/22	HPAI Response: Cleaning and Disinfection Basics (233.01 KB) *Responder Guide, Cleaning and Disinfection*
4/13/22	Using Heat Treatment for Virus Elimination (240.06 KB) *Responder Guide*
1/05/23	CDC Interim Guidance for Landfill Workers in the United States Disposing of Poultry Carcasses During Outbreaks of Highly Pathogenic Avian Influenza (408.49 KB) *Responder Guide*
5/01/16	Landfills and HPAI Response Presentation (8.48 MB) *Responder Guide*
12/19/25	Managing Feed and/or Feed Ingredients on an HPAI Infected Poultry Premises (210.64 KB) *Cleaning and Disinfection*

EPA List of Registered Avian Influenza Virus Disinfectants

Recovery and Restocking

- Control Area Release (419.97 KB) (May 20, 2022)
- Timeline, Eligibility, and Approval for Restocking (March 21, 2025)
- Example Restocking Form (183.85 KB) (May 17, 2022)
- Post C&D Environmental Sampling Guide (November 25, 2022)

Health and Safety Information

- Quick Response Card (76.03 KB)
- PPE Recommendations for HPAI Responders (240.96 KB) (April 25, 2015)
- Public Health Monitoring Plan for USDA/APHIS Responders to Detections of Avian Influenza Virus in Poultry (352.13 KB)
    - En español—Plan de vigilancia de la salud pública para los representantes de USDA/APHIS que responden a las detecciones del virus de la influenza aviar en las aves de corral (378.38 KB)

HPAI Resources

Find detailed resources concerning an HPAI outbreak.

HPAI Response Goals

HPAI Ready Reference Guides

HPAI Standard Operating Procedures

Expand All

Information About Prior Outbreaks

Document	Date/Topic
Epidemiologic and Other Analyses of HPAI Affected Poultry Flocks (June 2023) (4.35 MB)	2022 Outbreak
Epidemiologic and Other Analyses of HPAI Affected Poultry Flocks (July 2022) (4.46 MB)	2022 Outbreak
HPAI/LPAI 2017 Infected Premises List (98.6 KB)	2017 Southeastern Outbreak

Document	Date/Topic
Detailed HPAI/LPAI 2017 Mapbook (1.43 MB)	2017 Southeastern Outbreak
2017 HPAI/LPAI Map Video Part 1: All HPAI Cases Over Time	2017 Southeastern Outbreak
2017 HPAI/LPAI Map Video Part 2: All HPAI and LPAI Cases Over Time	2017 Southeastern Outbreak
2017 HPAI/LPAI Map Video Part 3: All HPAI and LPAI Cases by Production Type Over Time	2017 Southeastern Outbreak
Final Report for the 2017 Outbreak of HPAI/LPAI in the Southeastern United States (1.22 MB)	2017 Southeastern Outbreak
Presentation: Final Report for the 2017 Outbreak of HPAI/LPAI (1.34 MB)	2017 Southeastern Outbreak
HPAI/LPAI 2016 Infected Premises List (98.6 KB)	2016 Indiana Outbreak
Detailed HPAI 2016 Mapbook (8.76 MB)	2016 Indiana Outbreak
Presentation: Final Report for the 2016 HPAI Outbreak in the United States (1.25 MB)	2016 Indiana Outbreak
Presentation: Final Report for the 2014–2015 HPAI Outbreak in the United States (1.76 MB)	2014–2015 Outbreak
HPAI 2014–2015 Infected Premises List (212.99 KB)	2014–2015 Outbreak
Detailed HPAI 2014–2015 Mapbook (16.2 MB)	2014–2015 Outbreak
Final Report for the 2014–2015 HPAI Outbreak (1.42 MB)	2014–2015 Outbreak
All HPAI Detections in Wild Birds, December 2014–June 2015 (2 MB)	2014–2015 Outbreak
All HPAI Detections, December 2014–Present	2014–2015 Outbreak
HPAI Detections in Poultry, December 2014–August 2015	2014–2015 Outbreak
Number of HPAI Detections by County, December 2014–August 2015	2014–2015 Outbreak
Control Area Releases for the 2014–2015 Outbreak (by County)	2014–2015 Outbreak
Epidemiological Curve for 2014–2015 Outbreak	2014–2015 Outbreak
Permits and Movements for 2014–2015 Outbreak (4.86 MB)	2014–2015 Outbreak

Document	Date/Topic
HPAI Outbreak 2014–2015: General Resources and Information (201.04 KB)	2014–2015 Outbreak
HPAI Outbreak 2014–2015: Use of Antigen Capture Immunoassay (161.87 KB)	2014–2015 Outbreak

Secure Food Supply Links

- Secure Broiler Supply
- Secure Egg Supply
- Secure Poultry Supply
- Secure Turkey Supply

Other Resources and Guidance Documents

- Learn More About Avian Influenza
- Defend the Flock
- Producers: You Can Prevent the Spread of Highly Pathogenic Avian Influenza (399.62 KB)
- Poultry Biosecurity Training Materials (Iowa State University)

Related Links

- Avian Influenza
- Carcass Management Dashboard
- Emergency Management Response System
- African Swine Fever Emergency Response
- Foot-and-Mouth Disease Emergency Response
- Virulent Newcastle Disease Emergency Response
- New World Screwworm Emergency Response
- National Veterinary Stockpile
- Veterinary Services Training and Exercise Program

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