Chronic Wasting Disease Management 2021 - 2022

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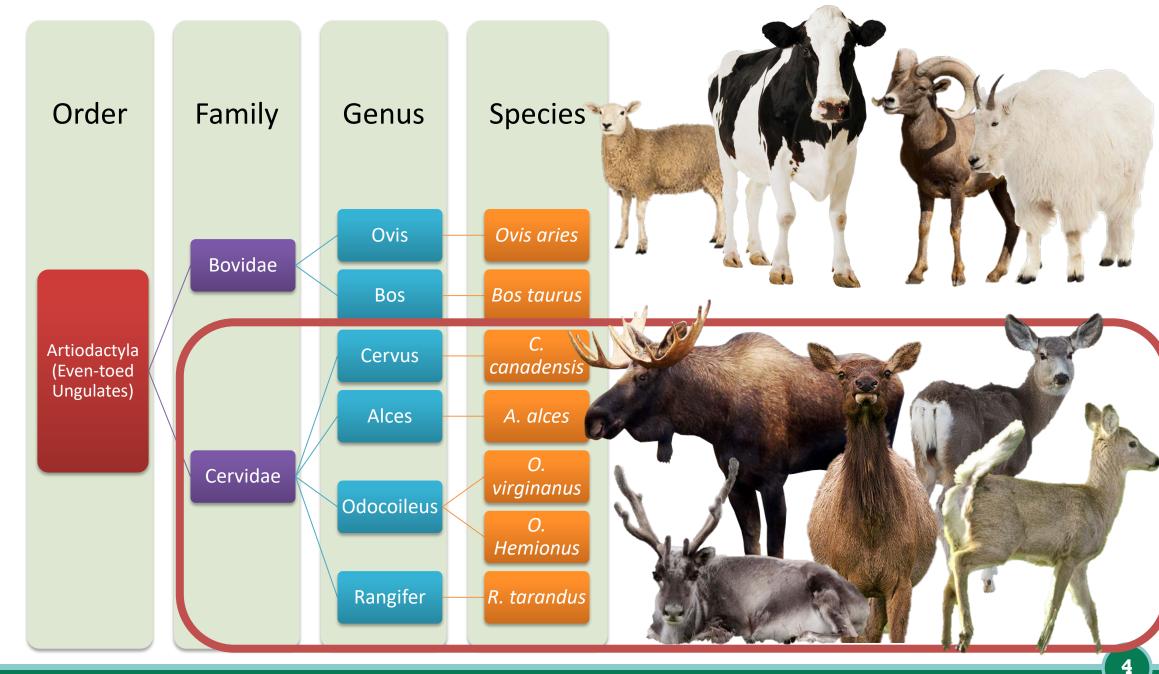
Agenda

- Background and History
- CWD Management Plan
 - Chapters = Objectives
 - What we have accomplished to date
 - What we are currently working on and planning for in 2022





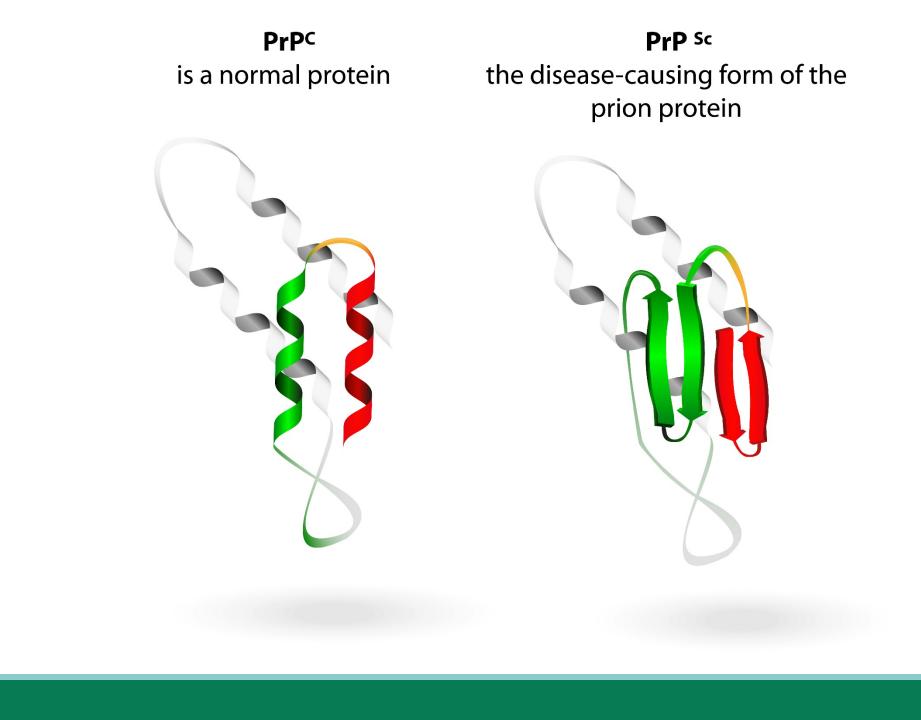
What is Chronic Wasting Disease (CWD)?



Transmissible Spongiform Encephalopathy

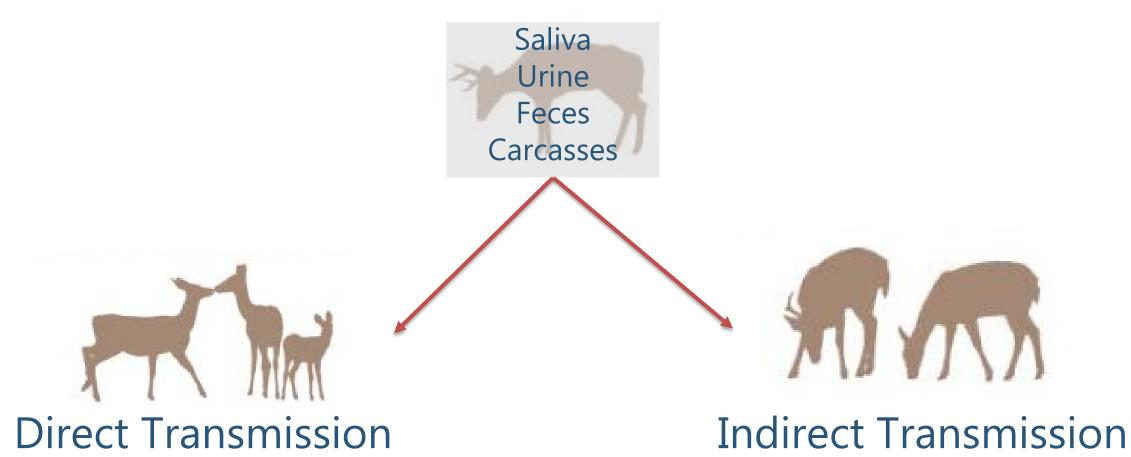
Sponge-like lesion







Transmission





Most CWD infected animals look normal

The only way to know is to test



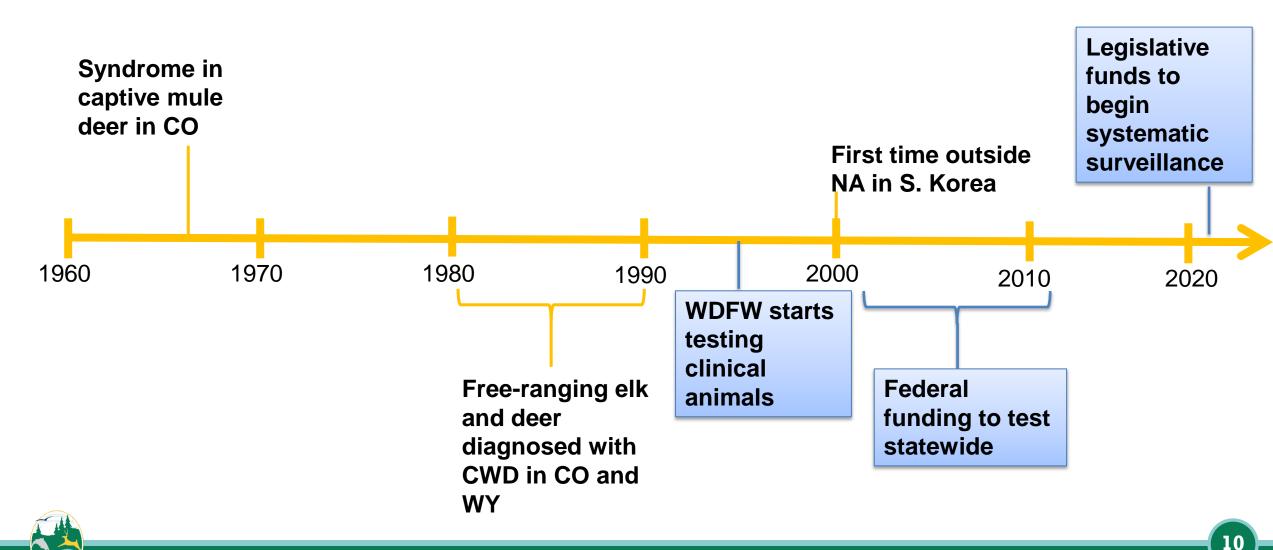
Wildlife Populations

- Increased wildlife-vehicle collisions
- Changes to age-structure and genetics
- Predator-prey dynamics
- Population declines

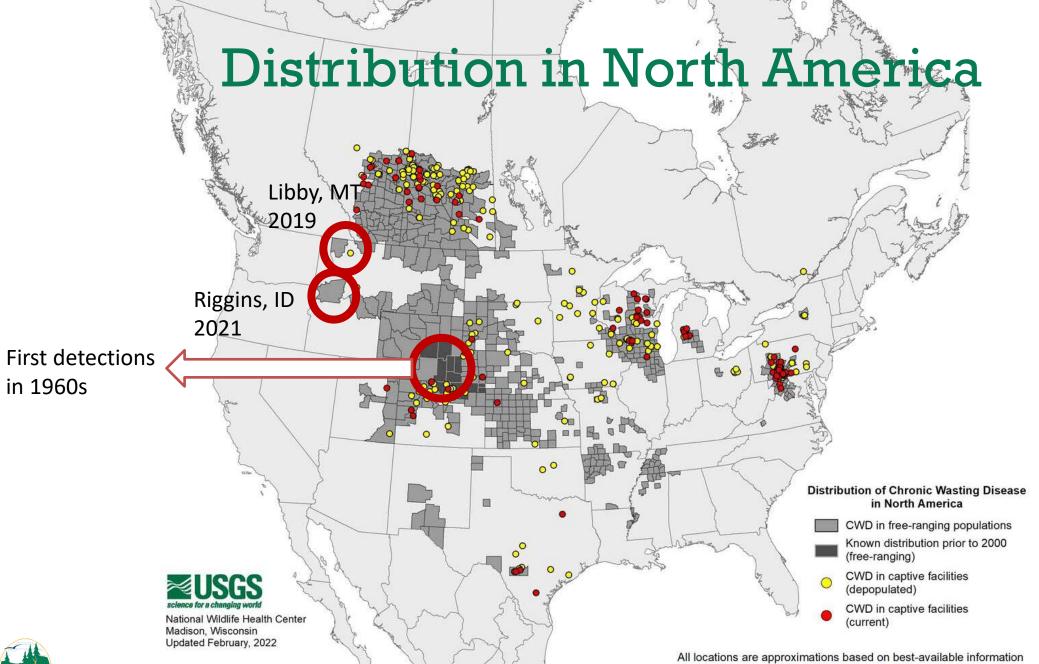




History of CWD surveillance









Washington's CWD status



No cases of CWD detected to date, but limited testing prevents detection at low prevalence



The risk of natural transmission increased significantly in the last several years with new detections in MT and ID



Rules and regulations aimed at reducing human-assisted CWD transmission are in place, but more can be done

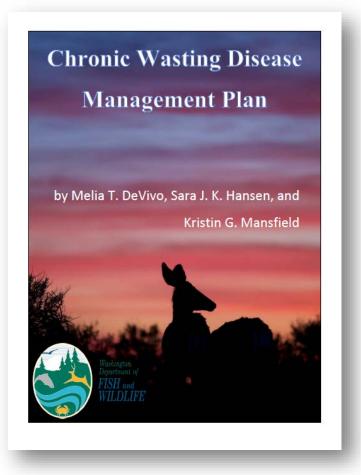






CWD Management Plan

Plan Chapters



- 1. CWD Background
- 2. Public Outreach and Communication
- 3. Risk Assessment and Minimization
- 4. Pre-Detection Surveillance
- 5. Initial Emergency Response

DeVivo, M. T., S. J. K. Hansen, and K. G. Mansfield. 2021. Washington State Chronic Wasting Disease (CWD) Management Plan. Washington Department of Fish and Wildlife, Olympia, Washington, USA.



Plan Objectives

1. Proactively build trust with and support from the public



Public Outreach Efforts 2021-2022

Presentations

Sept. 2021 - Presentation to Cattle Producers of Washington

Oct. 2021 - Presentation at INWC meeting about CWD and surveillance efforts

Jan. 2022 - Update on CWD surveillance at the Annual USFS WDFW Coordination Meeting

Jan. 27, 2022 - Changes to importation rules as a result of CWD included in Rule Making news release

Feb. into Mar. 2022 - CWD Management Plan featured on home page banner for almost a month

Mar. 18, 2022 - CWD seminar at the Big Horn Show

April 15, 2022 - Presentation to Society of American Foresters

WDFW social media posts

Dec. 10. 2020 blog post <u>Hunter's help needed to avoid spreading chronic wasting</u> <u>disease | by The Washington Department of Fish and Wildlife | Medium</u> **Jan. 12, 2021** https://twitter.com/WDFW/status/1481326714898714625

Sept. 16, 2021 Request for hunters to stop at check stations

Oct., 2021 https://www.mywdfw.com/hunting-highlights-october-2021/

Oct. 27 2021 Hunter check station reminder

Nov. 3, 2021 Late season hunter check station reminder

Dec. 28, 2021 Check salvaged deer

Media/other coverage

Aug. 26, 2020 https://www.dailyrecordnews.com/outdoors/playing-outside-aug-26-2020/article_1ac3af49-56d8-52d9-8dfc-ceacc0c736b8.html
Dec. 10, 2020 https://lcvalley.dailyfly.com/Home/ArtMID/1352/ArticleID/57535/Hunter%E2%80%99s-Help-Needed-To-Avoid-Spreading-
Chronic-Wasting-Disease
Sept. 25, 2021 https://nwsportsmanmag.com/ne-wa-whitetail-hunters-asked-to-help-wdfw-survey-for-cwd-this-fall/
Sept, 27, 2021 https://www.khq.com/news/department-of-fish-and-wildlife-warns-of-chronic-wasting-disease-in-white-tail-
deer/article_1ea0572e-1829-11ec-8f2a-fb1463f84c63.html
Oct. 6, 2021 https://www.goldendalesentinel.com/features/the-washington-outdoors-report-a-difficult-deer-season-ahead/article_cead4b24-
26e1-11ec-a60d-47026a9e0c6e.html
Oct. 17, 2021 Washington Wildlife Officials Sample for Chronic Wasting Disease on Opening Day of Deer Hunting Season The Daily Chronicle
(chronline.com)
et. 17, 2021 For first time in decade, Washington wildlife officials sample for chronic wasting disease on deer season opener The Seattle
<u>Times</u>
Oct. 17, 2021 https://www.spokesman.com/stories/2021/oct/17/for-the-first-time-in-a-decade-washington-wildlife/
Oct. 26, 2021 https://www.qcherald.com/outdoors/washington-outdoor-report-week-oct-24
Nov. 10, 2021 https://www.wenatcheeworld.com/news/washington-wildlife-officials-surveying-for-cwd-struggling-to-gather-enough-samples-
from-hunters/article_af0ceea3-ad92-5fb4-8fad-9a5f293345f4.html
Nov. 19, 2021 https://www.kxly.com/washington-dept-of-fish-and-wildlife-highly-concerned-about-chronic-wasting-disease/
Nov. 19, 2021 https://www.bigcountrynewsconnection.com/local/washington-residents-who-hunt-in-idaho-or-manitoba-asked-not-to-import-
deer-elk-and/article_d58f6f3a-498c-11ec-9223-af782bb03778.html
Nov. 24, 2021 https://www.wcgazette.com/story/2021/11/24/news/restrictions-on-hunters-follow-disease-outbreak/36412.html
Dec. 1, 2021 https://komonews.com/news/local/chronic-wasting-disease-a-concern-for-eastern-washington-deer-population
Dec. 3, 2021 New CWD Guidelines for Out-of-State Washington Hunters Rocky Mountain Elk Foundation (rmef.org)
Jan. 31, 2021 For first time in decade, Washington wildlife officials sample for chronic wasting disease on deer season opener The Seattle
Times
Jan. 31, 2022 https://www.kpq.com/wdfw-proposes-rule-changes-for-2022-2023-hunting-season/
Feb. 25, 2022 WDFW Commission OKs One Petition, Denies Second - (nwsportsmanmag.com)

Misc.

July 2021 - KCVL Question of the Week- one CWD question/answer aired per week each Wednesday during July during the 9 a.m., noon and 5 p.m. news times Aug. 24, 2021 - KCVL Question of the Week on stopping at hunter check stations Jan. 27, 2022 - Proposed CWD Rule Change video posted to YouTube and WDFW website



Outreach Materials and Website Updates

Chronic Wasting Disease (CWD) surveillance program



surveillance program during the 2021 general deer hunting season. CWD is a fatal neurologic dis an infectious prion protein an contaminated environments. 1 **Health and Human Safety** stages of the disease when the salivation and urination, and l

CWD has not been detected i being Montana), and 4 Canad for CWD. WDFW advises hunters to: head and neck of an animal fr

strangely.

carcasses.

lymph nodes.

Rinse tools after soaking.

How can you help

If you hunt or roadkill salvage (Douglas), 111 (Aladdin), 113 Spokane), or 127 (Mica Peak), for CWD at a game check star second page).

During the modern firearm se at the Colville District Office Regional Office (2315 N Disc Thursdays from 4 pm - 6 pm Market St. Spokane; call 509-Look up your CWD test resul ID in the test results lookup to deer, WDFW will notify you

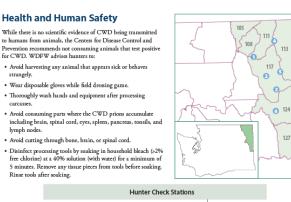
To prevent spreading prions that harvested animal at the kill site (bag and place them in your house If you harvest deer, elk, or moose 770-413-030), only the following Meat that has been de-hones Skulls and antiers antiers att ivories) from which all soft ti Hides or capes without heads Tissue imported for use by a c Finished taxidermy mounts. If you are notified by another stat

arvested tested positive for CWI

please go to: wdfw.wa.gov/cwd

For more information on

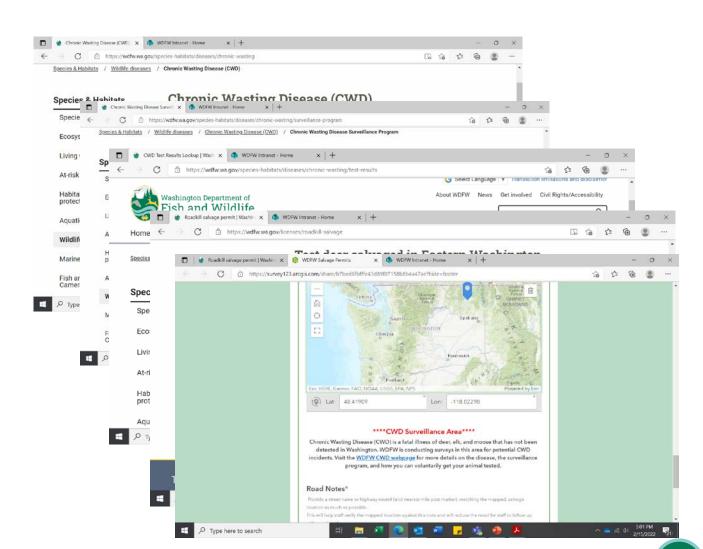
chronic wasting disease,



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Dates	Time			
Saturday, October 16 - Sunday, October 17, 2021	9:30 am - 8:00 pm			
Saturday, October 23 - Sunday, October 24, 2021 9:30 am - 8:00 pm				
Saturday, November 6 - Sunday, November 7, 2021 9:30 am - 8:00 pm				
Friday, November 12 - Sunday, November 14, 2021 9:30 am - 7:00 pm				
Thursday, November 18 - Friday, November 19, 2021 9:30 am - 7:00 pm				
Locations				
1 Colville WDFW District Office - 755 S Main Street, Colville, WA 99114				
2 Chewelah Intersection of Sand Canyon Road and HWY 395, DOT Gravel Lot				
2 Deer Park Weigh Station - 65 N Arlington Rd, Deer Park, WA 99006				
Ione, Tiger Store/Museum, 390372 State Rte 20, Cusick, WA 99119				
Usk, Crossroads Restaurant - 421341 State Rte 20, Usk, WA 99180				
6 HWY 2 Weigh Station - Across highway from Spokane Regional Solid Waste				

please go to wdfw.wa.gov/cwd

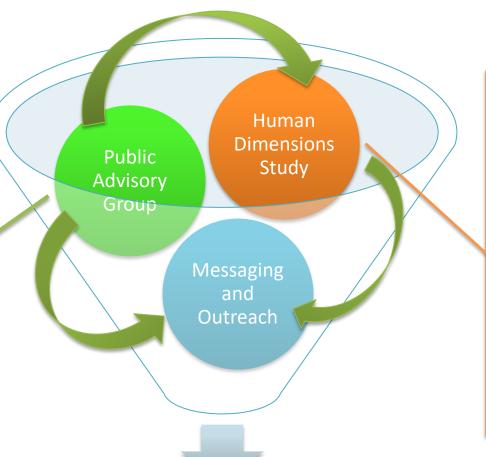




Upcoming Outreach Efforts for 2022

Assists with:

- Identifying & advising of priority management actions
- Input on WAC & RCW changes



- Studies how human knowledge and attitudes toward CWD affects how CWD is managed
- Help to refine and target usergroups with appropriate messaging

Public Trust and Support = Effective CWD Management



Upcoming Activities and Timeline

Year	Month	Advisory Group	HD Research
2022	March		Recruit Post-Doc
2022	April	Recruit Members	
2022	May		
2022	June	Periodic Meetings	
2022	July		Project on-going with
2022	August		deliverables within 12
2022	September		months
2022	October		
2022	November		
2022	December		
2023	January - June		



Plan Objectives

- 1. Proactively build trust with and support from the public
- 2. Reduce known risks for CWD entering WA





- Current Risk from a CWD transmission perspective
- Recommendation based on the Association of Fish & Wildlife Agencies' BMP for prevention, surveillance, and management of CWD published 2018

Carcass Import anc Disposa

- Currently only restrict importation of whole deer, elk, and moose carcasses from areas that have detected CWD in wild populations
 - Emergency rule filed November 19, 2021, after Idaho's detection
- Restrict importation of whole deer, elk, moose, and caribou carcasses from all areas outside of WA regardless of CWD status
 - WAC 220-413-030 (Importation and Retention of Dead Nonresident Wildlife) is pending adoption that reflects these recommendations





- Current Risk from a CWD transmission perspective
- Recommendation based on the Association of Fish & Wildlife Agencies' BMP for prevention, surveillance, and management of CWD published 2018

Baiting and Feeding

- Currently no restrictions on feeding and restrict amount and placement of bait for the purpose of hunting
- Prohibit the feeding of wild cervids, including baiting for the purposes of hunting deer or elk
 - Address baiting for the purposes of hunting deer and elk after advisory group process and HD project can inform recommended changes to WAC 220-414-030





- Current Risk from a CWD transmission perspective
- Recommendation based on the Association of Fish & Wildlife Agencies' BMP for prevention, surveillance, and management of CWD published 2018

Live Cervid Movement

- Currently allow import/transport of some captive non-native cervid species and relocation of native wild cervids
- Prohibit importation and transport of live cervids (originating from areas with CWD and require federal CWD herd certification)
 - Updates to WACs 16-54-180 (Wild and Exotic animals -Importation and Testing Requirements), 220-450-030 (Live Wildlife), and 220-640-200 (Deleterious Exotic Wildlife)
 - Address in coordination with WSDA and CWD advisory group





scents/attractants

Jrine-based

- Current Risk from a CWD transmission perspective
- Recommendation based on the Association of Fish & Wildlife Agencies' BMP for prevention, surveillance, and management of CWD published 2018

- Currently no restrictions, production and sales in WA are not regulated by any agency
- Prohibit the use or possession of urine-based scents and lures for deer and elk hunting
 - The use of urine-based scents and attractants is currently allowed in Washington under WAC 220-414-030
 - Bans or restrictions on the use of urine-based scents and attractants for hunting cervids exist in 12 states and 4 Canadian provinces and are being considered in another 5 states
 - Address once advisory group process and HD project can inform recommended changes to WAC 220-414-030



Upcoming Activities and Timeline

Year	Month	WAC Amendments
2022	April	WAC 220-413-030
2022	Мау	Other WAC
2022	June	amendments
2022	July	timed to allow advisory group
2022	August	and HD project to
2022	September	inform
2022	October	recommendations
2022	November	
2022	December	
2023	January - June	



Plan Objectives

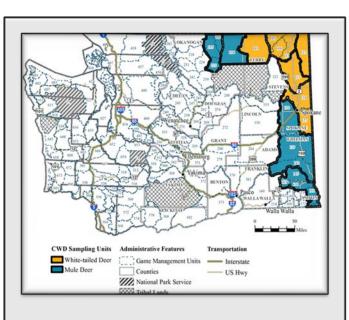
- 1. Proactively build trust with and support from the public
- 2. Reduce known risks for CWD entering WA
- 3. Implement a pre-detection surveillance program



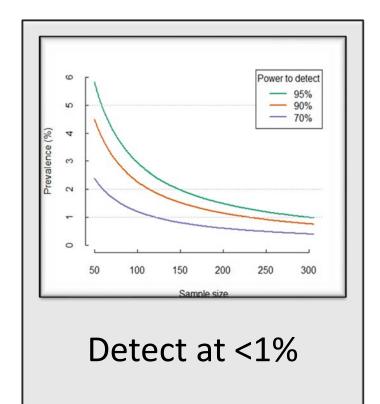
Pre-detection Surveillance



Collect and Test

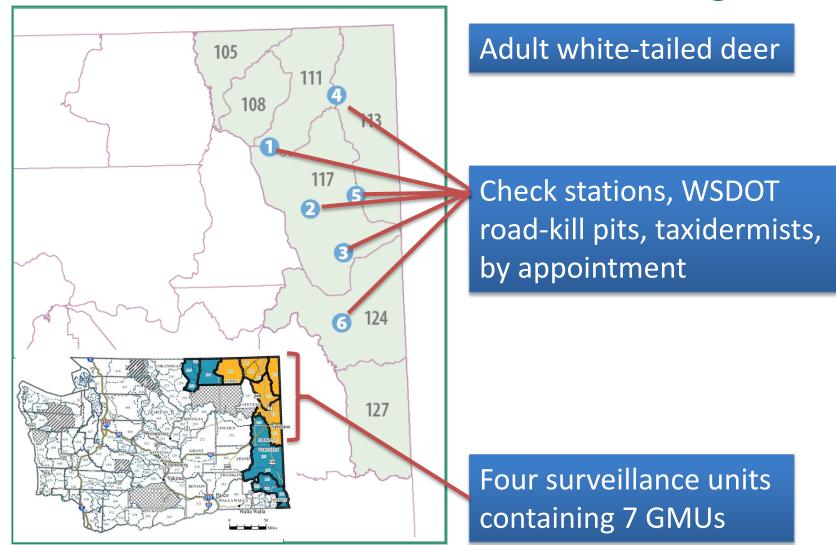


Optimize Sampling



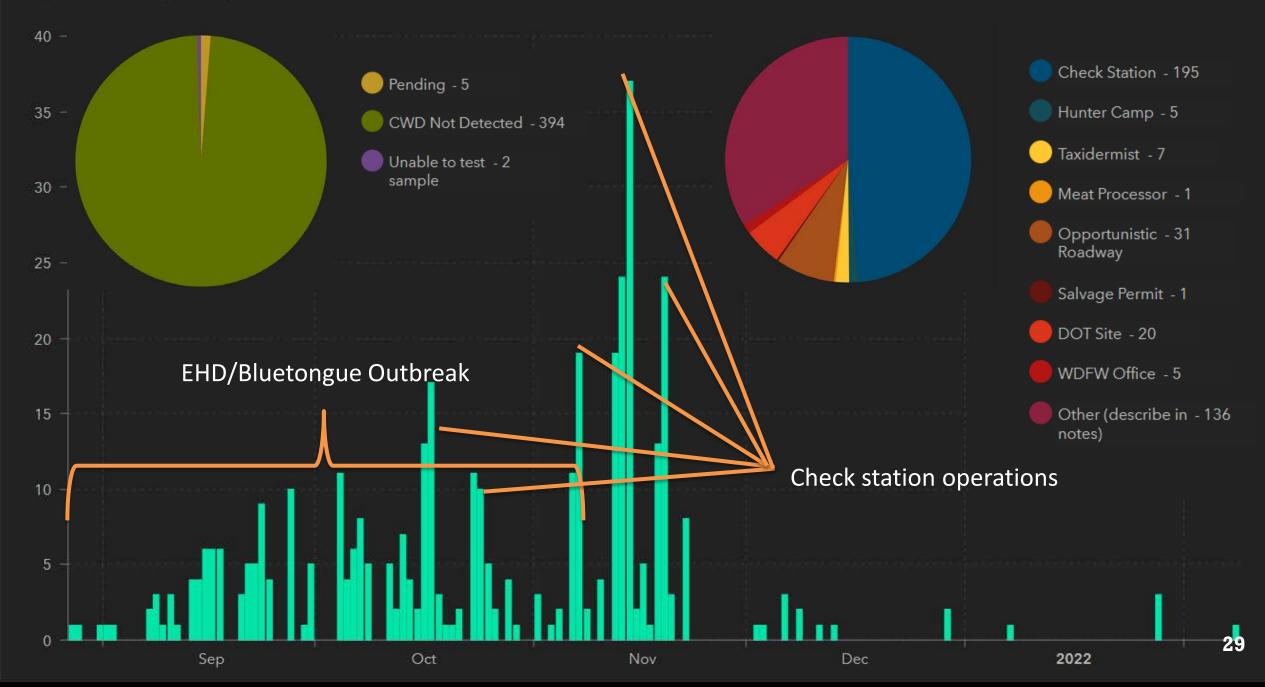


2021-2022 Surveillance Program

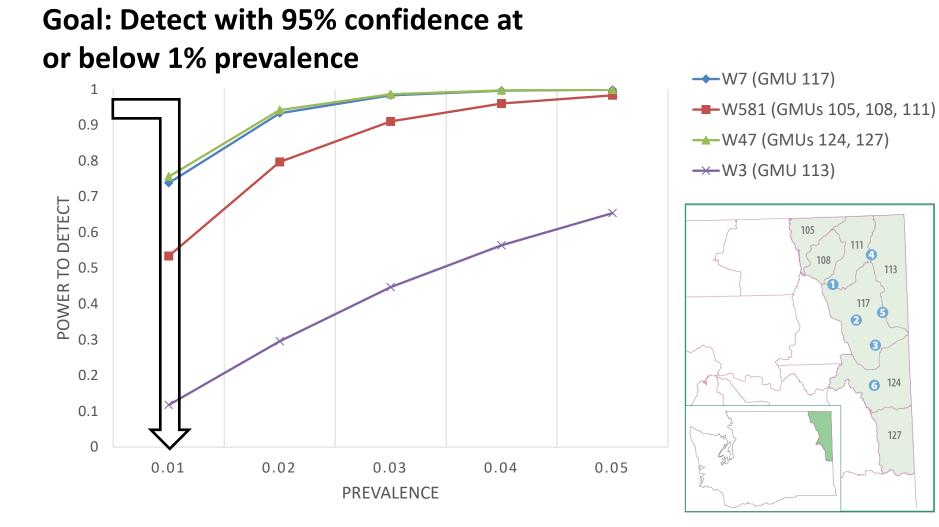




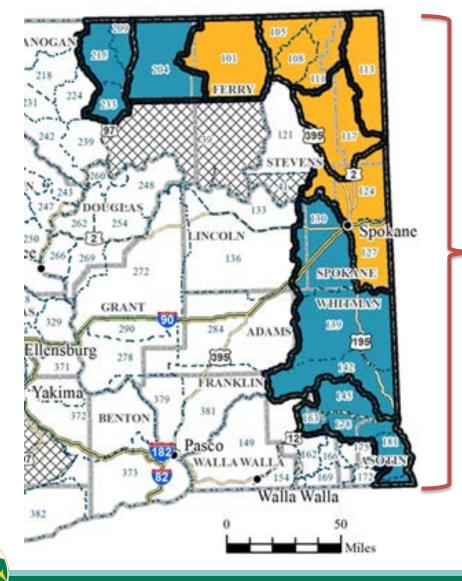
Samples collected per day



2021-2022 Surveillance



2022-2023 Surveillance Program



Harvest, road-kills, opportunistic carcasses, salvaged deer and elk

Adult white-tailed deer and mule deer

Check stations, WSDOT road-kill pits, taxidermists, by appointment, <u>drop-off</u> <u>locations</u>

Expanding to all surveillance units along eastern border

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Upcoming Activities and Timeline

Year	Month	Surveillance
2022	March	Pilot Surveillance
2022	April	Program without
2022	Мау	technicians
2022	June	
2022	July	
2022	August	
2022	September	Expanded
2022	October	Surveillance
2022	November	Program with technicians
2022	December	Continue
2023	January - June	expanded surveillance program without technicians

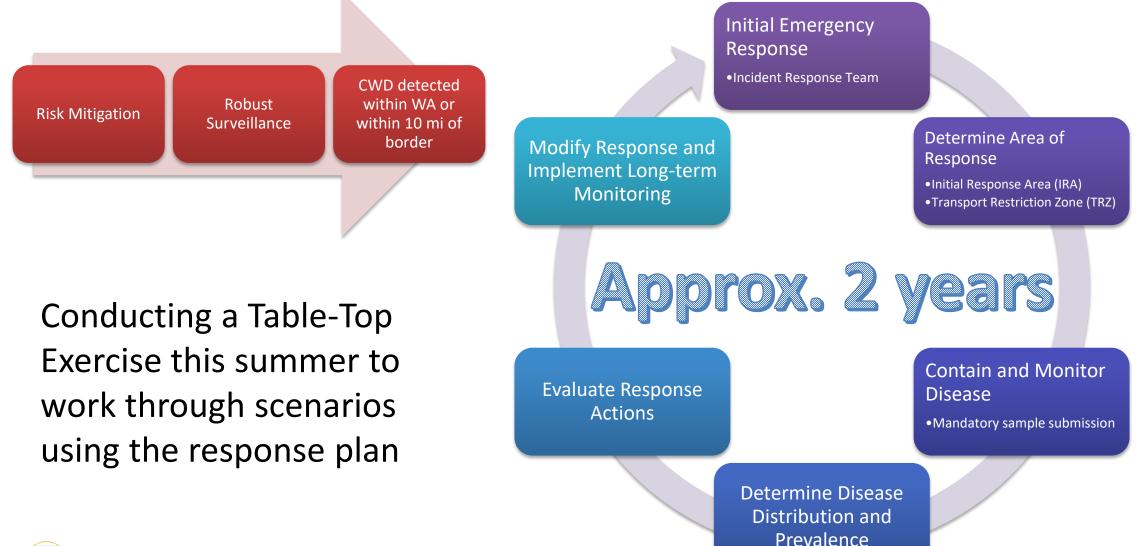


Plan Objectives

- 1. Proactively build trust with and support from the public
- 2. Reduce known risks for CWD entering WA
- 3. Implement a pre-detection surveillance program
- 4. Minimize negative long-term effects of CWD



First Detection of CWD





Upcoming Activities and Timeline

Year	Month	Table-Top Exercise
2022	March	Secure Vendor
2022	April	
2022	May	Facilitated TT
2022	June	Exercise
2022	July	Address issues
2022	August	and revise
2022	September	Response Plan based on TT
2022	October	Exercise
2022	November	outcome
2022	December	
2023	January - June	



Upcoming Activities and Timeline

Year	Month	Advisory Group	HD Research	Table-Top Exercise	Surveillance	WAC Amendments	
2022	March		Recruit Post-Doc	Secure Vendor	Pilot		
2022	April	Recruit Members	Recruit Prog	Surveillance Program without technicians	WAC 220-413- 030		
2022	May			Facilitated TT		Other WAC	
2022	June	Periodic		Exercise		amendments timed to allow	
2022	July	Meetings	Project on-going	Address issues		advisory group and HD project to	
2022	August	with deliverables within 12 months	with deliverables	and revise		inform	
2022	September		er		Response Plan based on TT	Expanded	recommendations
2022	October			Exercise	Surveillance Program with		
2022	November			outcome	technicians		
2022	December				Continue		
2023	January - June				expanded surveillance program without technicians	3.6	

Resources

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WDFW CWD Management Plan

wdfw.wa.gov/cwd

cwd-info.org

