

PROGRAM ACTIVITY REPORT (PAR)



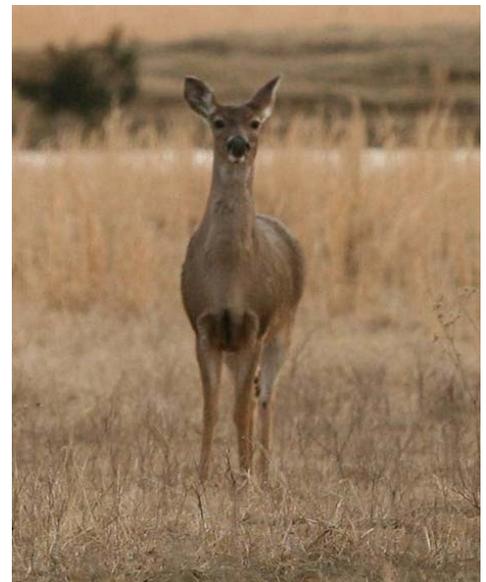
HEPATITIS E VIRUS UPDATE



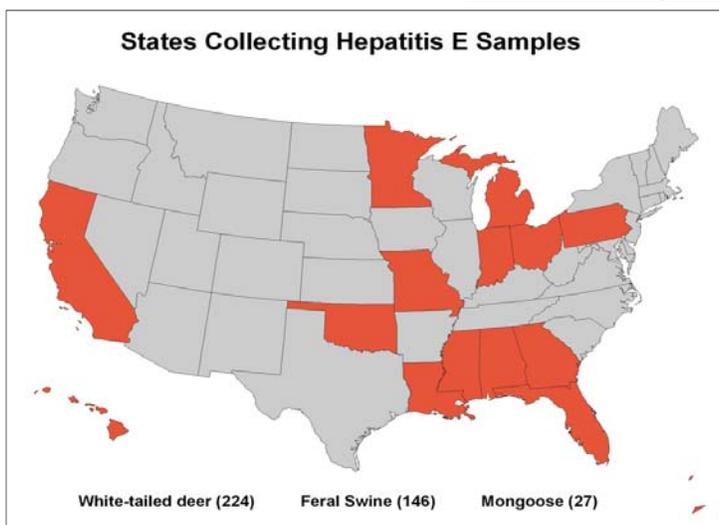
The NWDP has been collaborating with the National Institutes of Health (NIH) and the Food and Drug Administration

(FDA) to determine if feral swine and cervids are carriers of Hepatitis E virus (HEV). Since surveillance was initiated in March of 2011, almost 400 samples have been collected from 14 states and the Virgin Islands. Both serum and fecal samples are being collected and submitted to the NWDP's Fort Collins, CO office where they are batched

and shipped monthly for diagnostic testing. Serum samples are being tested by NIH by using an IgG anti-HEV ELISA to determine the presence of HEV antibodies. Fecal samples are being tested by the FDA where real time RT-PCR is being used to determine if the individual is shedding the virus, by detecting HEV RNA. Over 200 white-tailed deer samples have been tested so far and no positive samples have been found. HEV surveillance will continue until the end of September.



For more information please contact Mark Lutman,
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State	Feral Swine	Mon-goose	White-tailed Deer	Total
AL	3		39	42
AL			18	18
CA	9			9
FL	23		8	31
FL	22		15	37
GA	16			16
HI	17	3		20
IN			8	8
LA	13		17	30
MI	3			3
MI			2	2
MN			98	98
MO	21		22	43
MS	11		4	15
OH	1			1
OK	22			22
PA	1		5	6
VI		24	4	28
Grand Total	162	27	240	429

The original artwork on this page was created by the National Wildlife Disease Program's Erika Kampe and Sarah Goff