it displays a valid OMB con collection is estimated to a	trol number. The valid OMI		ation collection is	s 0579-0036.	The time required to d		<b>OMB APPROVED</b> 0579-0036
This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. Interagency Report Control No. 0180-DOA-AN						Fiscal Year: 2018	
UNITED STATES DEPARTMENT OF AGRICULTURE				REGISTRATION NUMBER: 34-R-0161			
ANIMAL AND PLANT HEALTH INSPECTION SERVICE			Customer Number: 522				
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)				2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include ZIP Code) WESTERN MICHIGAN UNIVERSITY OFFICE OF VP FOR RSRCH, 1903 W MICHIGAN AVE KALAMAZOO, MI 49008 Telephone: (269) 387-8293			
REPORT OF ANIMALS US	SED BY OR UNDER CONT	ROL OF RESEARCH FACILIT	Y (Attach additio	onal sheets if i	necessary or use APH	IS FORM 7023A.)	
Α.	В.	С.	D. Number of a upon which exp			s upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research,	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of	teaching, resea surgery, or test conducted invo accompanying distress to the a	irch, s were Iving pain or	experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research,		TOTAL NUMBER OF ANIMALS
	or surgery but not yet used for such purposes.	pain-relieving drugs.	for which appro anesthetic, ana tranquilizing dru used.	priate Igesic, or	experiments, surger the procedures prod	y, or tests. (An explanation of ucing pain or distress on these sons such drugs were not used	(Cols. C + D + E)
4 Dogs	0	0	0		0		0
5 Cats	0	0	0		0		0
6 Guinea Pigs	0	0	0		0		0
7 Hamsters	0	0	0		0		0
8 Rabbits	0	0	0		0		0
9 Non-Human Primates	0	0	0		0		0
10 Sheep	0	0	0		0		0
11 Pigs	0	0	0		0		0
12 Other Animals	0	320	0		0		320
Bats	0	320	0		0		320

## ASSURANCE STATEMENTS

1.) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2.) Each principal investigator has considered alternatives to painful procedures.

3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

use.						
(Chief Exec Institut	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.)) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).					
		DATE SIGNED				
		04-FEB-2019				