According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.							OMB APPROVED 0579-0036
This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in and to be subject to penalties as provided for in Section 2150.					cease and desist	Interagency Report Control No. 0180-DOA-AN	Fiscal Year: 2018
UNITED STATES DEPARTMENT OF AGRICULTURE				REGISTRA	TION NUMBER: 31-F	R-0134	
ANIMAL AND PLANT HEALTH INSPECTION SERVICE			Customer Number: 502924				
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)				2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include ZIP Code) UNIVERSITY OF TOLEDO 2801 W BANCROFT ST MS 218 TOLEDO, OH 43606 Telephone: (419) 383-4310			
REPORT OF ANIMALS US	SED BY OR UNDER CONT	ROL OF RESEARCH FACILIT	Y (Attach additio	nal sheets if r	necessary or use APHI	S FORM 7023A.)	
Α.	3. Number of animals being bred, conditioned,	C. Number of animals upon which teaching, research,	<b>D.</b> Number of animals upon which experiments, teaching, research, surgery, or tests were		experiments, researc conducted involving a	s upon which teaching, h, surgery, or tests were accompanying pain or distress r which the use of appropriate	F.
Animals Covered By The Animal	or held for use in	experiments, or tests were conducted involving no	conducted invol	ving	anesthetic, analgesic	, or tranquilizing drugs would	TOTAL NUMBER OF
Welfare Regulations	teaching, testing, experiments, research,	pain, distress, or use of pain-relieving drugs.	accompanying distress to the a	nimals and	interpretation of the te		ANIMALS
	or surgery but not yet used for such purposes.	pair relieving druge.	for which appro anesthetic, ana			, or tests. (An explanation of icing pain or distress on these	(Cols. C + D + E)
			tranquilizing dru used.			ons such drugs were not used	
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	5	0	0			5
8 Rabbits	0	14	1		0		15
9 Non-Human Primates	0	0	0		0		0
10 Sheep	0	0	0		0		0
11 Pigs	0	0	4		0		4
12 Other Animals	0	0	0		0		0

## 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 Institu	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			
		21-NOV-2018			