According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a per it displays a valid OMB control number. The valid OMB control number for this information collection is collection is estimated to average 2 hours per response, including the time for reviewing instructions, s needed, and completing and reviewing the collection of information.	OMB APPROVED 0579-0036 Exp.: 10/31/2018				
This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result and to be subject to penalties as provided for in Section 2150.	Interagency Report Control No. 0180-DOA-AN	Fiscal Year 2016			
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. REGISTRATION NUMBER 34-R-0001				
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	<ol> <li>HEADQUARTERS RESEARCH FACILITY (Name, address, and telephone number as registered with USDA, include ZIP Code)</li> </ol>				
	UNIVERSITY OF MICHIGAN				
	412 VICTOR VAUGHAN 1111 CATHERINE STREET				
	ANN ARBOR, MI 48109				
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets, if necessary.)					
FACILITY LOCATIONS (Sites)					

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, 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, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress on these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (Cols. C + D + E)
4. Dogs	0	2	0	0	2
5. Cats	0	0	2	2	4
6. Guinea Pigs	6	7	234	33	274
7. Hamsters	0	0	0	0	0
8. Rabbits	42	185	383	0	568
9. Non-human Primates	0	5	28	11	44
10. Sheep	0	0	104	37	141
11. Pigs	0	0	332	17	349
12. Other Farm Animals	0	0	2	0	2
13. Other Animals	42	384	188	0	572

## 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.

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 25-MAY-2017

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.					O	MB APPROVED 0579-0036		
This report is required by law and to be subject to penalties			ons can result	in an order to cease	e and desist	Interagency Report Control No. 0180-DOA-AN	Fisca	al Year 2016
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 34-R-0001								
CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)			<ul> <li>2. HEADQUARTERS RESEARCH FACILITY (Name, address, and telephone number as registered with USDA, include ZIP Code)</li> <li>UNIVERSITY OF MICHIGAN</li> <li>412 VICTOR VAUGHAN</li> <li>1111 CATHERINE STREET</li> <li>ANN ARBOR, MI 48109</li> </ul>					
REPORT OF ANIMALS USE		,				·		
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which e teachin surgery conduc accom or distr animals which a anesth	r of animals upon experiments, g, research, r, or tests were ted involving boanying pain ess to the s and for appropriate etic, analgesic, or lizing drugs were	experime were cor pain or d which the analgesii or interpr experime of the pro on these	of animals upon which teaching, ints, research, surgery, or tests diducted involving accompanying istress to the animals and for e use of appropriate anesthetic, c, or tranquilizing drugs would havy y affected the procedures, results, retation of the teaching, research, nits, surgery, or tests. (An explane bocedures producing pain or distress animals and the reasons such dru used must be attached to this rep	ation is igs	TOTAL NUMBER OF ANIMALS (Cois. C + D + E)
VOLES	42	384		188		0		572
ASSURANCE STATEMENTS	5							

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.

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 25-MAY-2017					