UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NOOS 41 ROOOS

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

include Zip Code)
University of Minnesota
Div of Comp Med, Box 351 UMHC
516 Delaware Street, SE
Minneapolis, MN 55455

Status: Active

54-

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)

Sas Axtocked
Minneapolis Campus

Duluth Campus

St. Paul Campus

Hormel Institute

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 leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, 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 leaching, experiments, research, surgery or lests 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 in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMAL: (Cols. C + D + E)
4. Dogs	51	20	558	0	578*
5. Cats	0	17	297	0	314*
6. Guinea Pigs	20	170	209	0	379
7. Hamsters	36	231	432	0	. 663
8. Rabbits	30	191	572	370	1133
9. Non-human Primates	50	38	64	0	102
10. Sheep	2	0	346	0	346
11. Pigs	30	354	665	0	1019
goat horse 72. Other Farm Animals	25	197	46	0	243
8 dogs and 281	cats were hum	ne society	owned and retu	rned	
13. Other Animals Fer	1	0	2	0	2
Chinchilla	0	10	117	0	127
Wild Rodents	0	59	320	. 0	37 <b>9</b>

 Professionally acceptable standards governing the care, treatment, and use of animals, including approriate 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 vetermarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

OFFICIAL (b)(6)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

(C) DATE SIG

APHIS FORWING (AUG 91)

leplaces VS FORM 18-23 (OCT 88), which is obsolete)

Obtained by Rise for Animals.

Overview (ARLO) on 09/73/2020

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 41-R-0005

FORM APPROVED OMB NO. 0579-0036

## CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code) University of Minnesota Div of Comp Med, Box 351 UMHC

516 Delaware Street, SE Minneapolis, MN 55455

Status: Active

EPORT OF ANIMALS USED BY	B. Number of animals being	C Number of animals upon	Number of animals upon which experiments,	experiments, research, surgery or tests were	F
Animals Covered By The Animal Wellare Regulations	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not	which leaching, research, experiments, or lests were conducted involving no pain, distress, or	teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analyesic, or	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 leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	TOTAL NO OF ANIMALS  (Cols. C + D + E)
12.8/OR 13. Other (List by species)	yet used for such purposes.	use of pain- relieving drugs.	tranquilizing drugs were used.	must be attached to this report).	
Unregulated Spec	ies				110,633
Mice					13.948
Rats					5.558
Poultry					1.804
Amphibians					T
Reptiles	·				180
Pigeons					47
Other avian					176 792
ee ranging wildl	ife mammals				
Fish					10,073
			·		
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## ASSURANCE STATEMENTS

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approviate use of anesthetic, analysesic, and tranquilizing drugs, prior to, during. and following actual research, teaching, testing, surgery, or experimentation were followed by this research lacility
- 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 particular to identifying the IACUC improved exceptions, this summary includes a hind evaluation of the exceptions and supplies the exceptions. principal investigator and approved by the institutional contract of the and use committee procody. A summary of an auch exceptions is attached to this annual report 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 provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

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DATE SIGNED