### Total Budgets, Critical Citations, Stipulated Penalties, and USDA Inspector Findings for Institutions Operating National Primate Research Centers

<table>
<thead>
<tr>
<th>UNIVERSITY</th>
<th>ESTIMATED BUDGET</th>
<th>NUMBER OF PRIMATE DEATHS</th>
<th>PRIMATE-RELATED CITATIONS</th>
<th>FINES SINCE 2014</th>
<th>SAMPLE INSPECTOR FINDINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emory U</td>
<td>$3.5 billion</td>
<td>6</td>
<td>2</td>
<td>$0</td>
<td>Infant rhesus macaque euthanized after suffering spinal and shoulder injuries when staff tried to capture the infant and mother and a sliding door fell on the infant. Two rhesus macaques died (one by euthanasia) after being placed in a scalding hot cage washer. A juvenile macaque was injured while trapped under a stainless steel trough drain cover that was improperly secured. Inspectors determined that the &quot;root cause&quot; of the latter two incidents was &quot;insufficient training and/or supervision.&quot;</td>
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<tr>
<td>Oregon Health &amp; Science U</td>
<td>$4.9 billion</td>
<td>15</td>
<td>10</td>
<td>$37,900</td>
<td>Two instances of monkeys injured after fighting with other monkeys who gained access to their enclosures. A young baboon died of septicaemia resulting from trauma wounds inflicted by other baboons three weeks after he was introduced into a new enclosure; he received no treatment for his wounds. Macaque had several digits amputated after a guillotine door fell on his hand.</td>
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<tr>
<td>Texas Biomedical Research Institute</td>
<td>$7.25 million</td>
<td>2</td>
<td>7</td>
<td>$0</td>
<td>Long-tailed macaque found dead after head trapped between ceiling and squeeze-back mechanism on cage; Tulane failed to provide all records related to this death within the mandated time period. Three macaques euthanized after staff member(s) failed to adhere to established biosafety and infection control procedures.</td>
</tr>
<tr>
<td>Tulane U</td>
<td>$1 billion</td>
<td>4</td>
<td>3</td>
<td>$0</td>
<td>Geriatric rhesus macaque died after being left in a heated van unattended. Four-year-old macaque broke both legs after escaping enclosure through an unsecured door.</td>
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<tr>
<td>University of California, Davis</td>
<td>$7.1 billion</td>
<td>4</td>
<td>7</td>
<td>$5,000</td>
<td>Rhesus macaque died after being anesthetized with faulty anesthesia machine; previously, a primate died after not being fasted prior to anesthesia; another died under anesthesia, but further details were unavailable because anesthesia monitoring records were not maintained. Two young pig-tailed macaques euthanized and one died from injuries after preventable attacks by older macaques. Pig-tailed macaque died from dehydration after water line was disconnected for an unknown period.</td>
</tr>
<tr>
<td>University of Washington</td>
<td>$9.4 billion</td>
<td>8</td>
<td>4</td>
<td>$3,750</td>
<td>Three primates suffered from severe dehydration, including one who had to be euthanized, after their water was disconnected for at least four days. One rhesus macaque died from acute thoracic injuries inflicted by an aggressive cagemate only four days after a similar attack. Primates escaped their enclosures due to improper lock placement, causing uncontrolled interactions with other primates that resulted in partial digit and tongue amputations.</td>
</tr>
<tr>
<td>University of Wisconsin-Madison</td>
<td>$4.2 billion</td>
<td>2</td>
<td>8</td>
<td>$109,286</td>
<td>Three-month-old rhesus macaque found dead outside of enclosure after staff failed to notice that she hadn’t been returned to her enclosure after it was cleaned. Gauze left in another primate’s stomach following surgery, requiring an additional surgery. Rhesus macaque died from complications of a rubber band that was not removed following a tattoo procedure.</td>
</tr>
</tbody>
</table>

**Sources:** USDA records, university publications, internet searches. The USDA does not post online enforcement records prior to 2019. AWI acquired data on past fines from internet searches and news reports, but this data may be incomplete.
USDA SPENDING ON ANIMAL WELFARE ENFORCEMENT

IN 2023, MORE THAN
1.4 million animals
WERE IN THE CARE OF MORE THAN
14,858 licensees + registrants
OVERSEEN BY ONLY
98 welfare operation inspectors

IN FISCAL YEAR 2023

$475 billion
IN FUNDING WAS AVAILABLE
TO THE USDA, BUT ONLY
$41.6 million
(LESS THAN 0.1%)
WAS SPENT ON ANIMAL WELFARE
ENFORCEMENT ACTIVITIES

WHAT IS A MONKEY’S LIFE WORTH?

$55,000
ESTIMATED COST TO ACQUIRE ONE MONKEY FOR BIOMEDICAL RESEARCH

(Nature article, November 2023)

$3,750
SAMPLE STIPULATED PENALTY FOR TWO DEAD MONKEYS
(as well as multiple monkey injuries, including left arm amputation)

(University of Washington, October 2022)