

Animals	Current Per Diem Rate (per cage)	8/1/17 10% increase	7/1/18 10% increase	7/1/19 10% increase	7/1/20 4% increase
Mouse Cage	\$.95	\$1.05	\$1.16	\$1.28	\$1.33
Mouse Special handling (biohazard/quarantine)	\$2.60	\$2.86	\$3.15	\$3.47	\$3.61
Rat	\$1.34	\$1.47	\$1.62	\$1.78	\$1.85
Rat Special Handling (biohazard/quarantine)	\$1.68	\$1.85	\$2.04	\$2.24	\$2.33

Animal Cage Rate Examples:

Examples #1 & #2 – Long term housing of mice with options of different cage sizes

A PI is submitting a grant proposal for the period 7/1/18-6/30/20. The PI will need to house ten mice of the same sex over the two-year period. How much should the PI budget for cage costs?

If the PI wants to house the 10 mice using small cages, then two cages will be required to house the 10 mice therefore,

$$(365 \text{ days} \times 2 \text{ cages} \times \$1.16) + (365 \text{ days} \times 2 \text{ cages} \times \$1.28) = \$1,781$$

If the PI wants to house the 10 mice using a medium size cage, then one cage will be required to house the 10 mice therefore,

$$(365 \text{ days} \times 1 \text{ cage} \times \$1.16) + (365 \text{ days} \times 1 \text{ cage} \times \$1.28) = \$890$$

A PI is submitting a grant proposal for the period 7/1/19- 6/30/22. The PI will need to house 25 mice (same sex) over the three-year period. How much should the PI budget for cage costs?

If the PI wants to house the 25 mice using small cages, then five cages will be required to house the 25 mice therefore,

$$(365 \text{ days} \times 5 \text{ cages} \times \$1.28) + (365 \text{ days} \times 5 \text{ cages} \times \$1.33) + (365 \text{ days} \times 5 \text{ cages} \times \$1.38) = \$7,282$$

If the PI wants to house the 25 mice using medium size cages, then three cages will be required to house the 25 mice therefore,

$$(365 \text{ days} \times 3 \text{ cages} \times \$1.28) + (365 \text{ days} \times 3 \text{ cages} \times \$1.33) + (365 \text{ days} \times 3 \text{ cages} \times \$1.38) = \$4,369$$

Example #3 – Housing of rats

A PI is submitting a grant proposal for the period 1/1/19 – 12/31/19. The PI will need to house twenty rats over the one-year period. How much should the PI budget for cage costs?

The default is 2 rats per cage, unless the PI scientifically justifies differently and depending on the size of the rats. Therefore, in this example the PI wants to house two rats per cage so ten cages will be needed.

$$(182 \text{ days} \times 10 \text{ cages} \times \$1.62) + (183 \text{ days} \times 10 \text{ cages} \times \$1.78) = \$6,205$$

Example #4 – Short term housing of mice with special handling (e.g. when cages need to be autoclaved upon removal from the room)

A PI is submitting a grant proposal for the period 5/1/19-4/30/20. The PI will need to house 90 mice requiring special handling for sixty days. How much should the PI budget for cage costs?

The PI wants to house the mice using medium cages, therefore 9 cages are needed. The PI will need to determine when the mice will be housed. For instance, if the PI houses the mice beginning 6/1/19 - 7/30/19 (60 days) it will cross two different cage rate periods.

$$(30 \text{ days} \times 9 \text{ cages} \times \$3.15) + (30 \text{ days} \times 9 \text{ cages} \times \$3.47) = \$1,788$$

Example #5 – Mouse breeding

A PI is submitting a grant proposal for the period 1/1/19 -12/31/19. The PI will be breeding mice within the first six months of the project and will require three breeding cages such that each cage will contain 2 females and 1 male, to breed a total of two litters. The PI will maintain each litter for 28 days. It is estimated that 3 cages will be required per litter or a total of 18 cages for 6 litters.

$$3 \text{ cages} \times \$1.16 \text{ per cage} \times 21 \text{ days (breeding cage)} + 9 \text{ cages} \times \$1.16 \text{ cage} \times 28 \text{ days (3 litters)} + 3 \text{ cages} \times \$1.16 \times 21 \text{ days (breeding cage)} + 9 \text{ cages} \times \$1.16 \text{ cage} \times 28 \text{ days (3 litters)} = \$730$$