



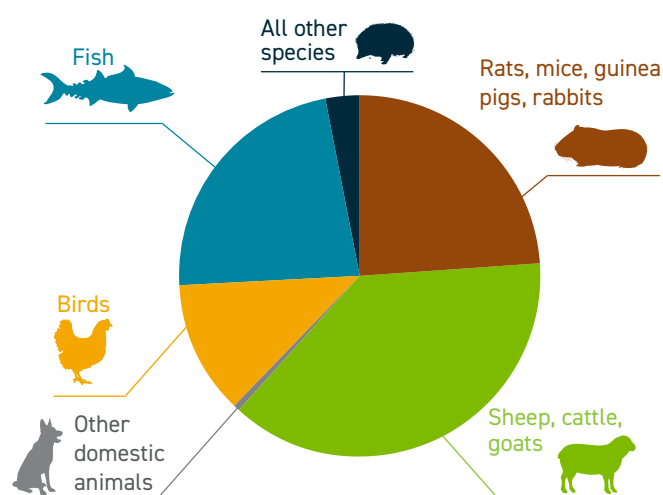
MPI collect annual statistics on the use of animals in research, testing and teaching (RTT) in New Zealand. Production animals (such as cattle and sheep), rodents (such as rats and mice) and fish are the main types of animals used. Animal use contributes to our medical and veterinary knowledge and has benefits for humans, animals and ecosystems.

Some key figures	2019	2020
Institutions with approved codes of ethical conduct that can carry out RTT	24	25
Organisations/individuals using another institution's animal ethics committee	107	118
The largest individual species grouping used was fish	26% (cattle)	23%
Animals that were returned to their environment following use	66%	55%
Most animals experienced little or no impact as a result of use (A small percentage of animals experienced high or very high impact as a result of use)	73% (3%)	78% (3%)
Animals rehomed	111	172
Animals bred but not used	136,679*	149,496

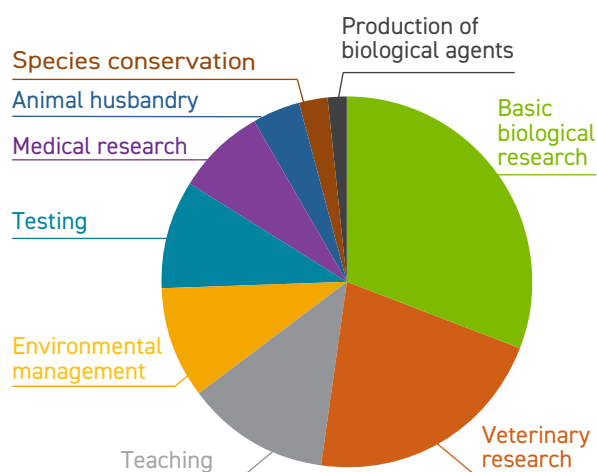
*A 2018 amendment to the Animal Welfare (Records and Statistics) Regulations 1999 (that came into effect on 1 January 2019) included a requirement to report the number of animals that were bred but not used. As such this information was reported for the first time in 2019.

In terms of general purpose categories, basic biological research (the study of living things and their vital processes) and veterinary research (research aimed at improving the health and welfare of production and companion animals) accounted for half of the animals used.

Types of animals used for research, testing and teaching

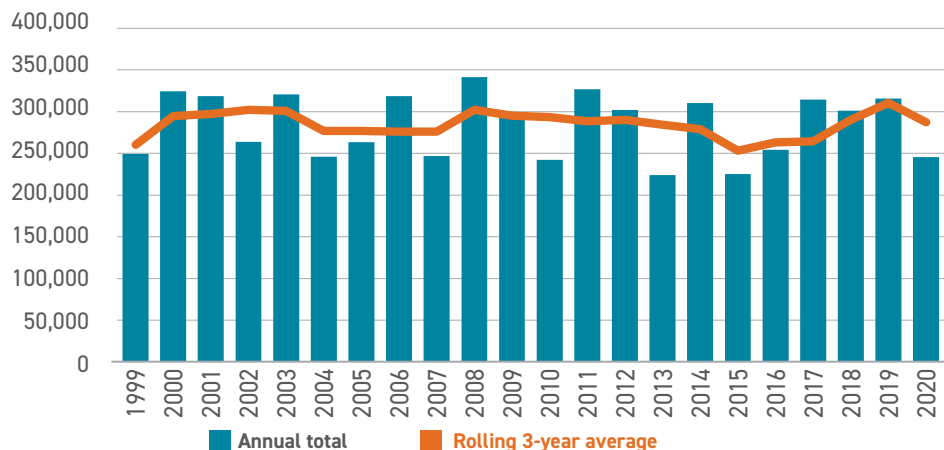


Purpose of manipulation



There is significant annual variability in the number of animals reported to MPI each year due to the completion of long-term projects. The rolling three-year average provides a more accurate representation of animal use over time. The graph below shows the rolling three-year average compared with the annual totals.

Animals manipulated between 1999 and 2020



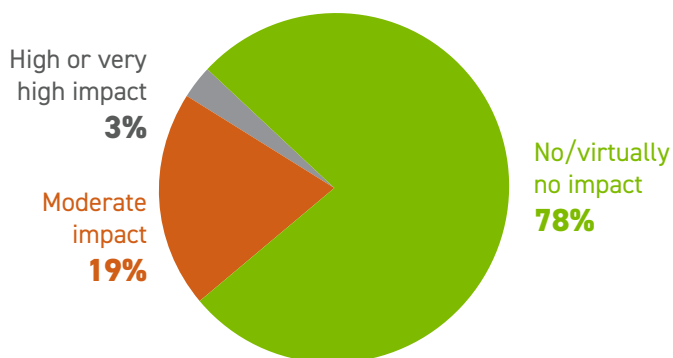
Total number of animals used in 2020 was

245,522

Rolling 3-year average in 2020 was

287,477

Impact on animals used in 2020



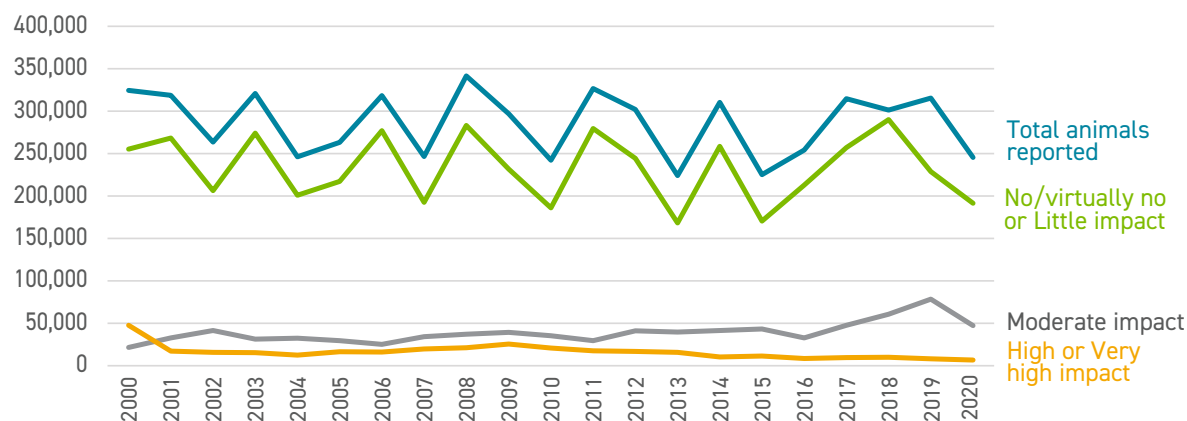
Code holders are required to report the impact of research, testing or teaching on the animals that they used.

78%

In 2020, of animals experienced little or no impact as a result of use.

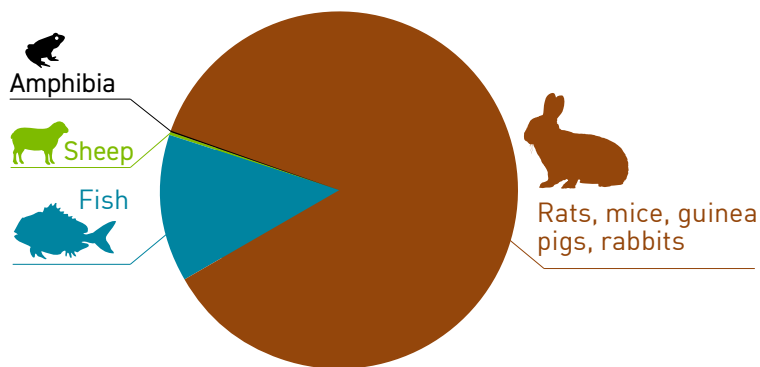
The long-term trends of the impact of research, testing and teaching on the animals used in New Zealand is illustrated in the graph below.

Impact of manipulations on animals used for RTT over the last 21 years



In 2020, MPI collected data relating to the number of animals that were bred for the purposes of research, testing and teaching but were not used for those purposes (i.e. killed). The collection of this data increases transparency on animal use in research, testing and teaching.

Animals bred but not used in 2020



Total number of animals bred for the purposes of research, testing and teaching but not used in **2020** was

149,496

Animals recorded in this category include rats, mice, guinea pigs, rabbits and fish (with a small number of sheep and amphibia)