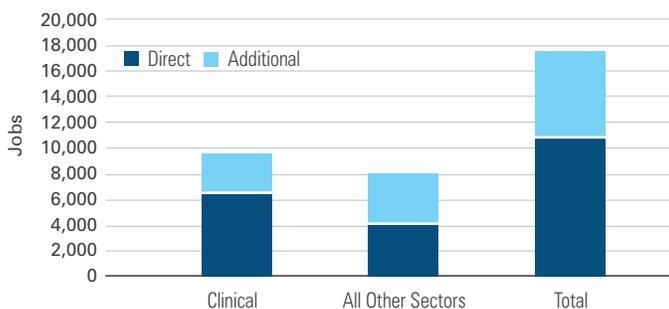


Economic Impacts of Veterinary Medicine to Massachusetts

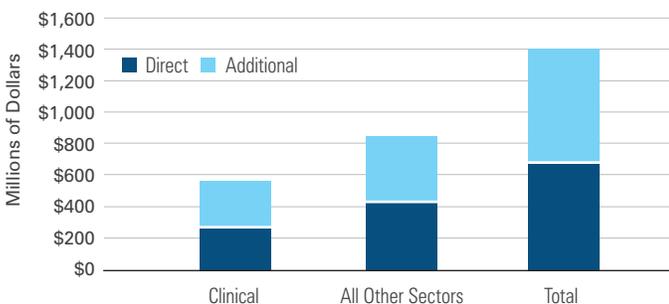


Veterinary medicine contributes **17,682 jobs**, **\$1 billion** of income, **\$2.3 billion** of business activity, and **\$1.4 billion** of net new economic activity in 2015.

JOBS: OVER 17,000



ECONOMIC IMPACT: OVER \$1.4 BILLION



RESEARCH & DEVELOPMENT IN BIOTECHNOLOGY

- ▶ Nearly 700% more concentrated in MA than the U.S., more than double any other state.
- ▶ There are over 670 establishments in MA with over 28,000 employees who earn over \$4.4 billion annually.
- ▶ The sector relies on veterinarians for oversight of all animal research, which is essential for bringing drugs and medical devices to market.



CUMMINGS SCHOOL OF VETERINARY MEDICINE HIGHLIGHTS

- ▶ **Economic Development:** As the town's second-largest employer, the Cummings School contributes to Grafton's economy through payments, services, and wages of over \$4.75 million annually and is a full partner in the vibrant Worcester-based life sciences and university economy.
- ▶ **Work Force Development:** In addition to supporting life sciences and biotech, the school educates veterinarians to serve the state's 510 veterinary clinics, small businesses averaging 13 employees each.
- ▶ **Research:** The school's board-certified veterinary specialists and biomedical scientists provide research support for the campus' Grafton Science Park (GSP), biotech incubator, and federally-sponsored research programs in infectious disease, regenerative medicine, and neuroscience.
- ▶ **Biosecurity:** The GSP is home to the New England Regional Biosafety Laboratory which provides Biosafety Level 3 facilities and infectious disease expertise critical to the prevention of emerging pandemic threats like Highly Pathogenic Avian Influenza, SARS and MERS.
- ▶ **STEM:** The school provides over a dozen educational outreach programs including an innovative partnership with Worcester Technical High School that serves animals and families while providing hands-on education for high school and veterinary students.
- ▶ **Environmental Health:** A leader in wildlife medicine and environmental health, the school has pioneered the area of One Health, addressing the intersection of human, animal, and environmental needs while serving multiple state agencies.

CUMMINGS SCHOOL IMPACTS

1,000 jobs

\$90 million value added



UMASS DONAHUE INSTITUTE

Economic Research & Public Policy

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