



2018 Metrics on Human Research Protection Performance for Academic Institutions

About the Metrics

Improving the quality of human research protection programs (HRPP) is a top priority of AAHRPP. Effective and efficient systems of oversight within organizations provide better protections for research participants and produce higher quality research. And collectively, they raise the global bar to ensure research participants are safe and respected. AAHRPP is pleased to present the 2018 metrics for hospitals' HRPP performance.

These metrics are collected from annual reports, as well as step 1 and step 2 applications, submitted by clients. All the metrics were based off the most recent data reported by AAHRPP clients as of December 31, 2018. From data supplied by our client organizations in 2018, AAHRPP has compiled an information database to help research organizations, researchers, sponsors, government agencies, and participants identify and support high-performing practices for HRPPs. The data range from types of research and conformance with regulations and guidance, to financial and personnel resources and IRB review times.

Table of Contents

General Description of Research

Slide 5. Where Academic Institutions Conduct Research

Slide 6. Type of Research Academic Institutions Conduct or Review

Selected Types of Research

Slide 7. Selected Types of Research

Slide 8. Academic Institutions That Conduct Research With Vulnerable Populations

Sponsors of Research

Slide 9. Sponsors of Research

Slide 10. Federal Sponsors of Research

Slide 11. Regulations and Guidance Followed by Academic Institutions

Reliance on the IRB

Slide 12. Number of IRBs per Academic Institutions

Compensation of IRB Members

Slide 13. Compensation of IRB Members by Academic Institutions

Slide 14. Financial Compensation of IRB Members

Characteristics of IRBs

Slide 15. Median Number of Active Protocols Overseen by Academic Institutions

Slide 16. Mean Number of Active Protocols Overseen by Academic Institutions

Slide 17. Median Number of Active Protocols Overseen by an IRB Based on the Number of IRBs per Academic Institution

Slide 18. Mean Number of Active Protocols Overseen by an IRB Based on the Number of IRBs per Academic Institution

IRB Review Times

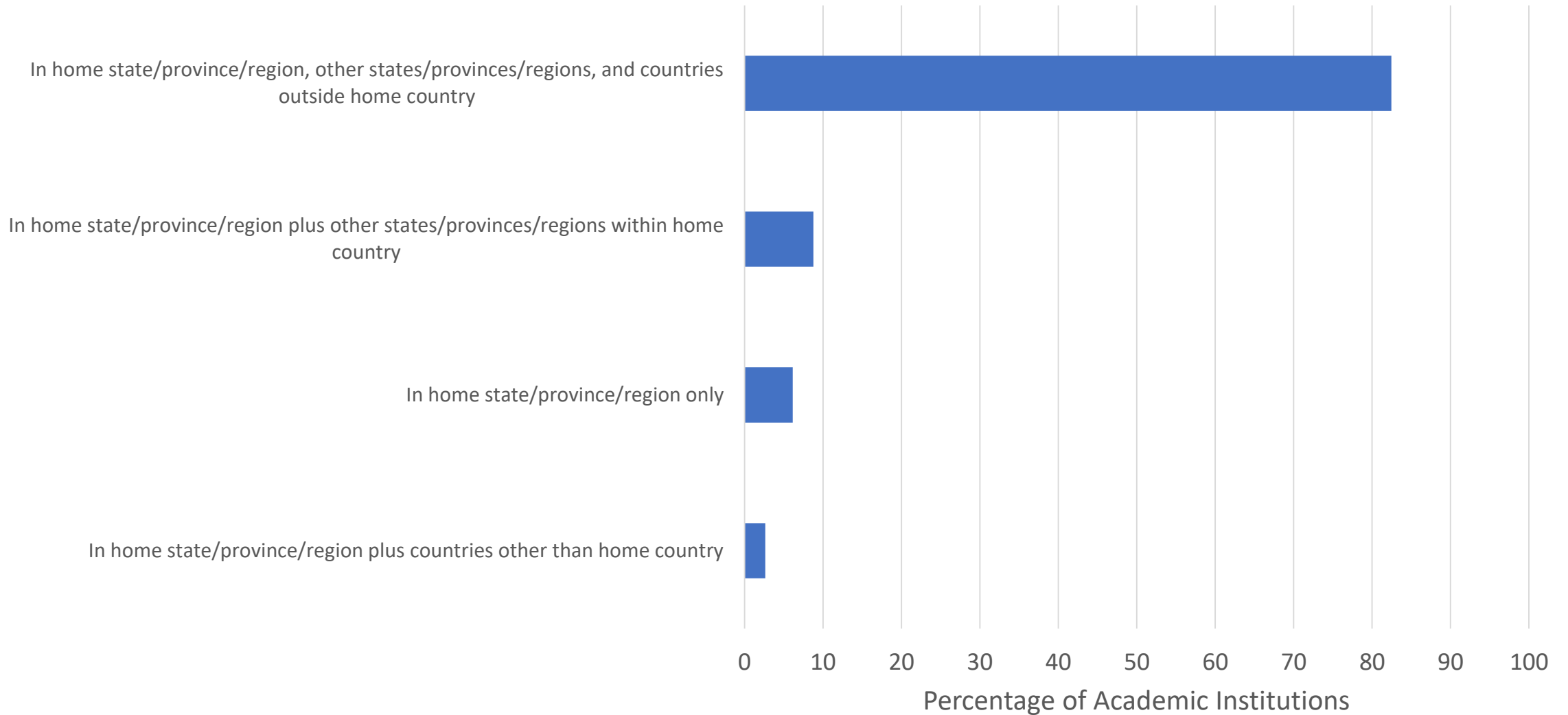
Slide 19. IRB Review Times by Type of Review

Slide 20. Technology Use by Academic Institutions with an IRB

Resources for the IRB

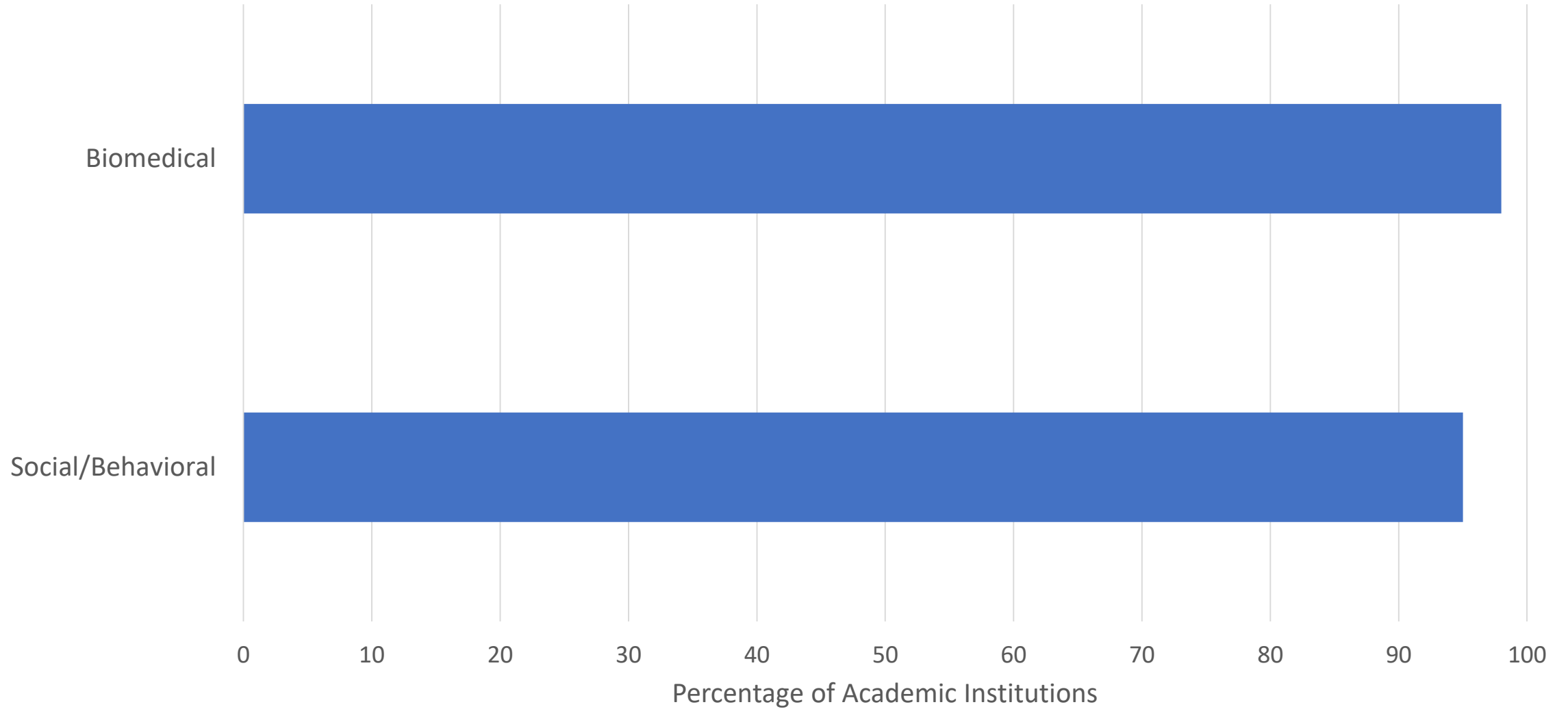
Slide 21. IRB Staffing and Funding Levels

Where Academic Institutions Conduct Research



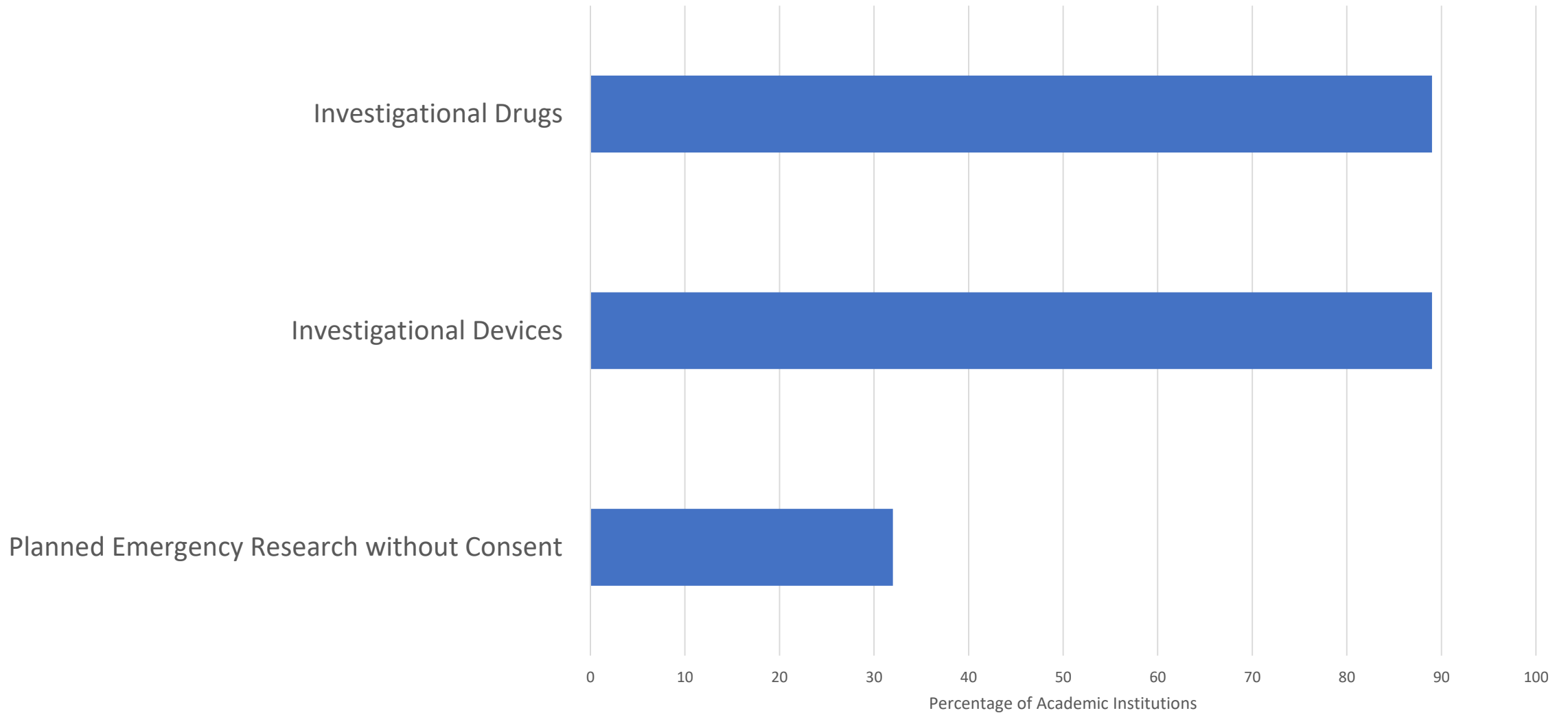
Of the 115 accredited academic institutions, 82% of academic institutions conduct research within their home state/province/region, other states/provinces/regions, and countries other than their home country; 9% of academic institutions conduct research within their home state/province/region and other states/provinces/regions within their home country; 6% of academic institutions conduct research in their home state/province/region only; 3% of academic institutions conduct research in their home state/province/region and countries other than their home country.

Types of Research Conducted or Reviewed by Academic Institutions



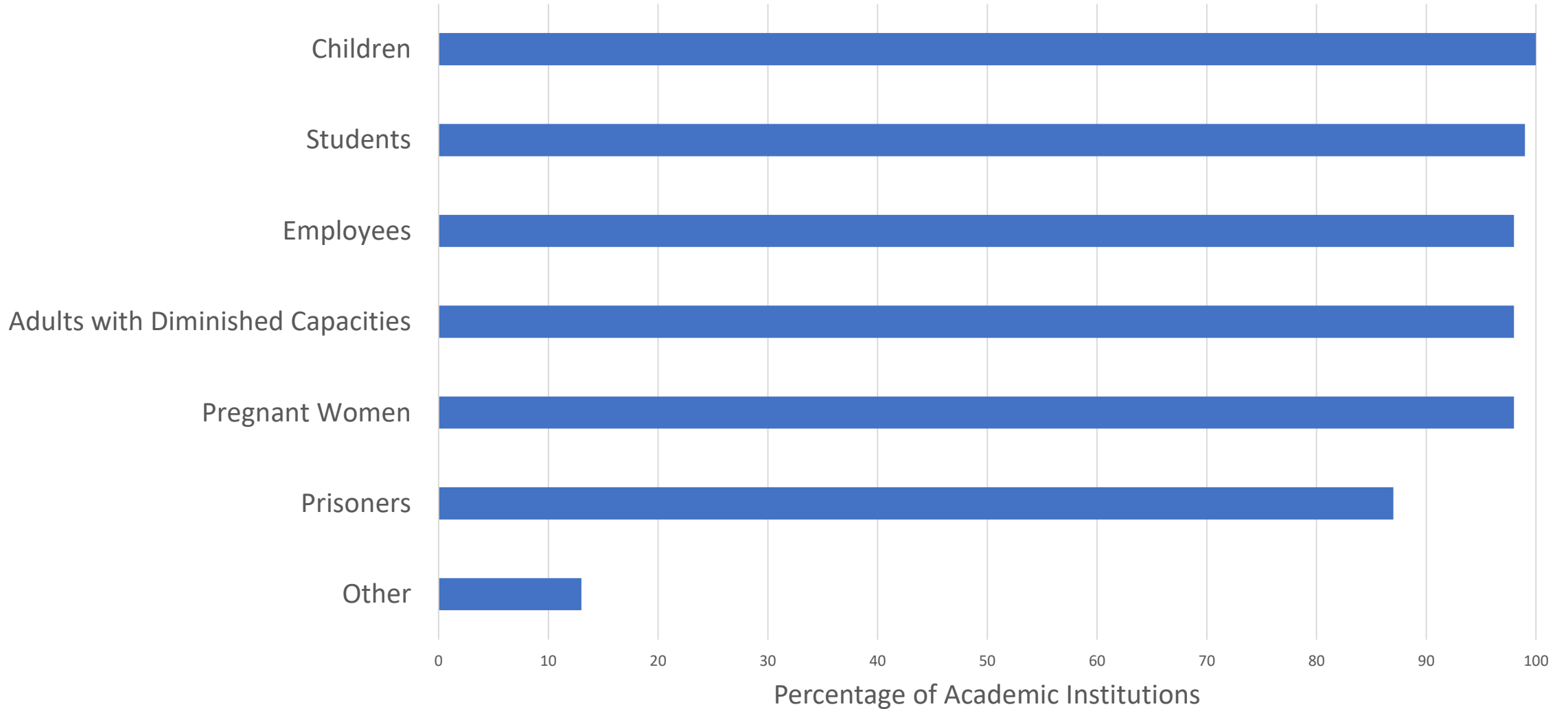
95% of academic institutions conduct biomedical research; 95% conduct social/behavioral research.

Selected Types of Research Conducted or Reviewed by Academic Institutions



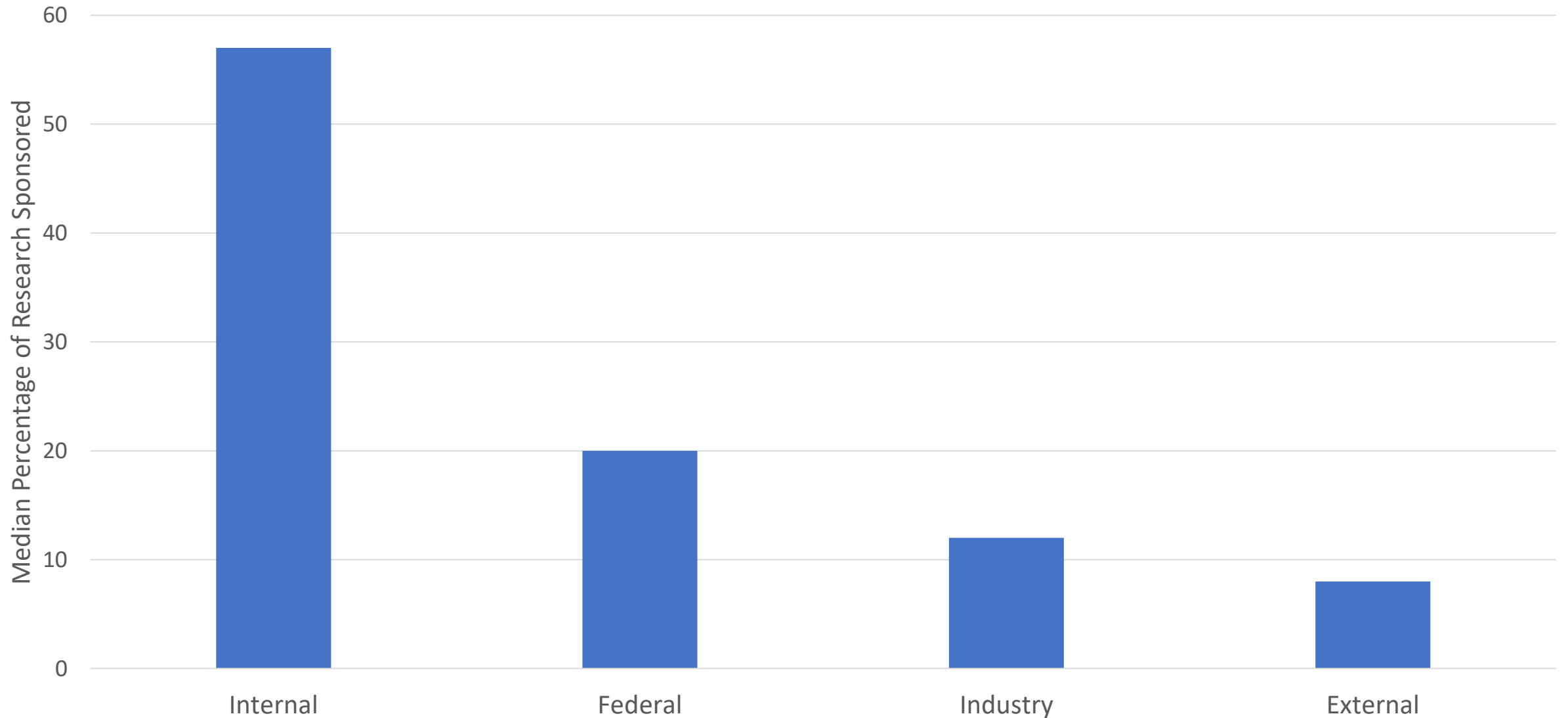
89% of academic institutions reported conducting research on investigational drugs; 89% of academic institutions reported conducting research on investigational devices; 33% of academic institutions reported conducting planned emergency research without consent in the 12 months before their most recent report. Two academic institutions conduct biomedical research but did not specify which kinds.

Academic Institutions that Conduct or Review Research Involving Vulnerable Populations



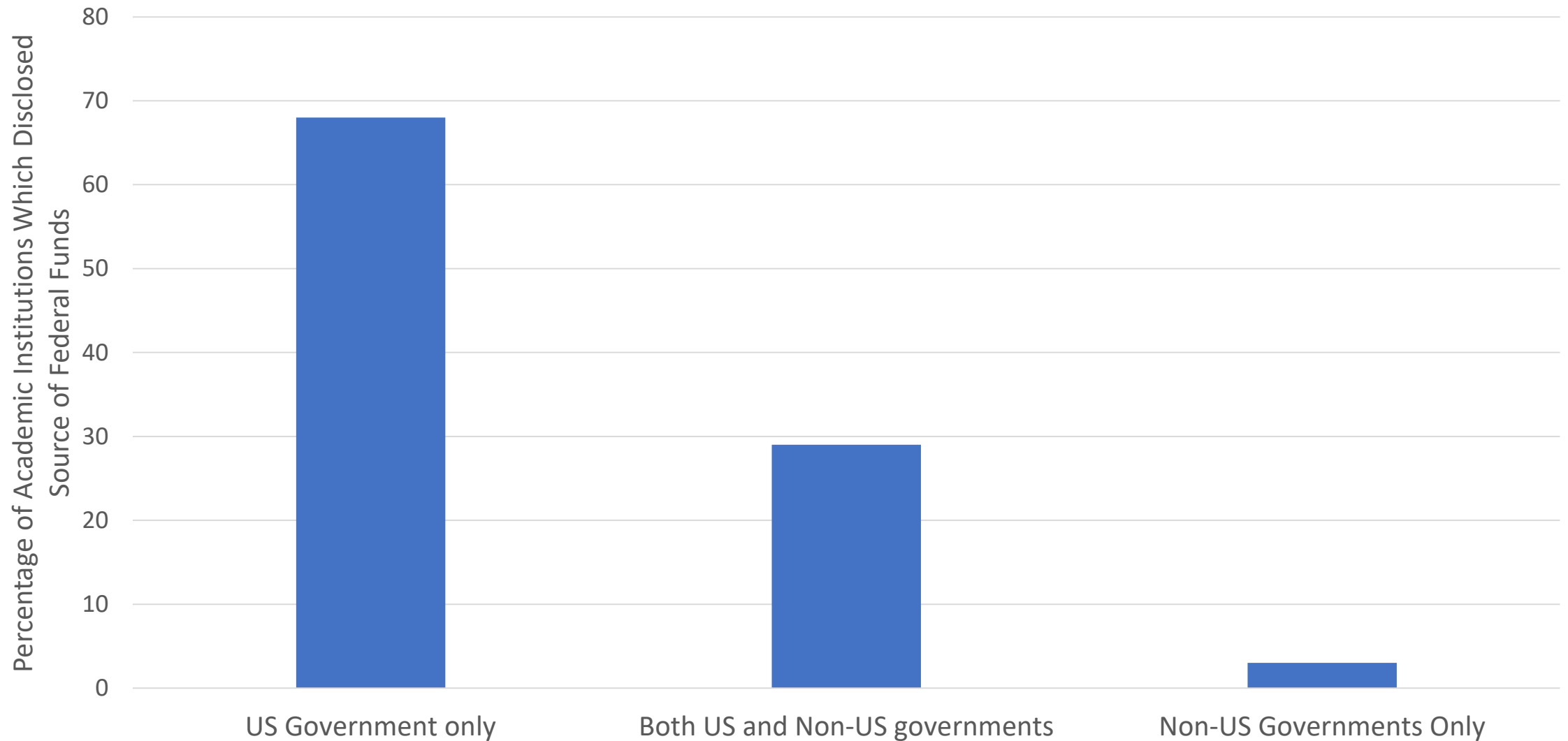
100% of academic institutions conduct research with children; 99% conduct research with students; 98% conduct research with employees; 98% conduct research with adults with diminished capacities; 98% conduct research with pregnant women; 87% conduct research with prisoners; 13% conduct research with other vulnerable groups.

Sponsors of Research for Academic Institutions



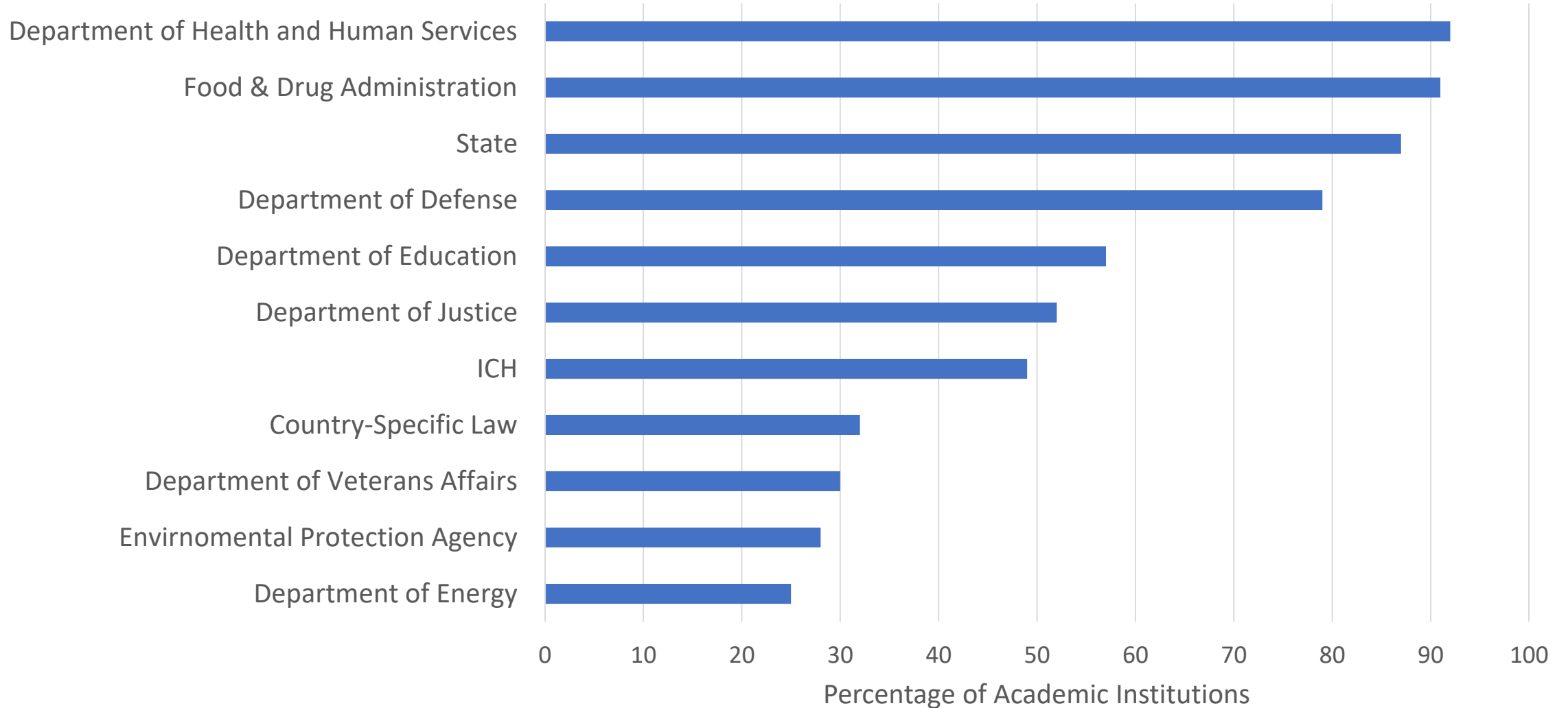
For academic institutions a median of 57% of research is internally sponsored; a median of 20% of research is federally sponsored; a median of 12% of research is industry sponsored; a median of 8% of research is externally sponsored.

Federal Sponsors of Research



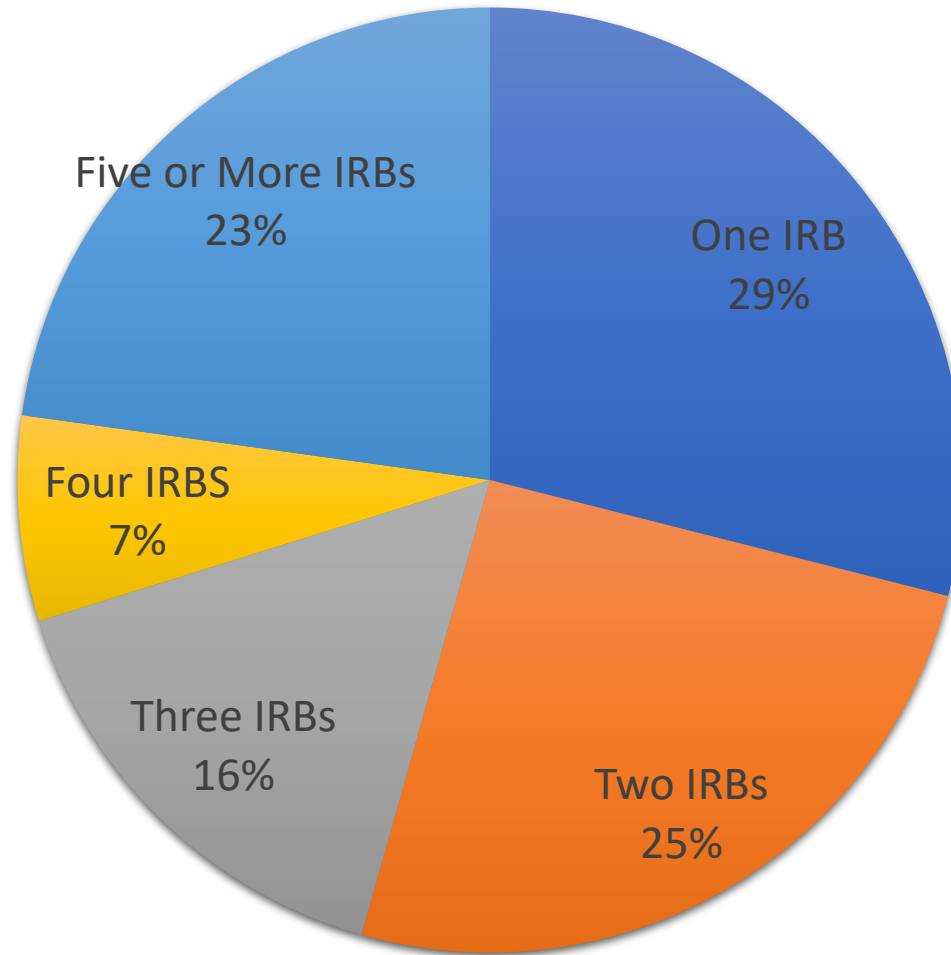
Of the academic institutions that disclosed the source of their federal funding, 68% receive federal funding from only the US government; 29% receive funding from both US and non-US governments; and 3% receive federal funding from only non-US governments.

Regulation and Guidelines Followed by Academic Institutions



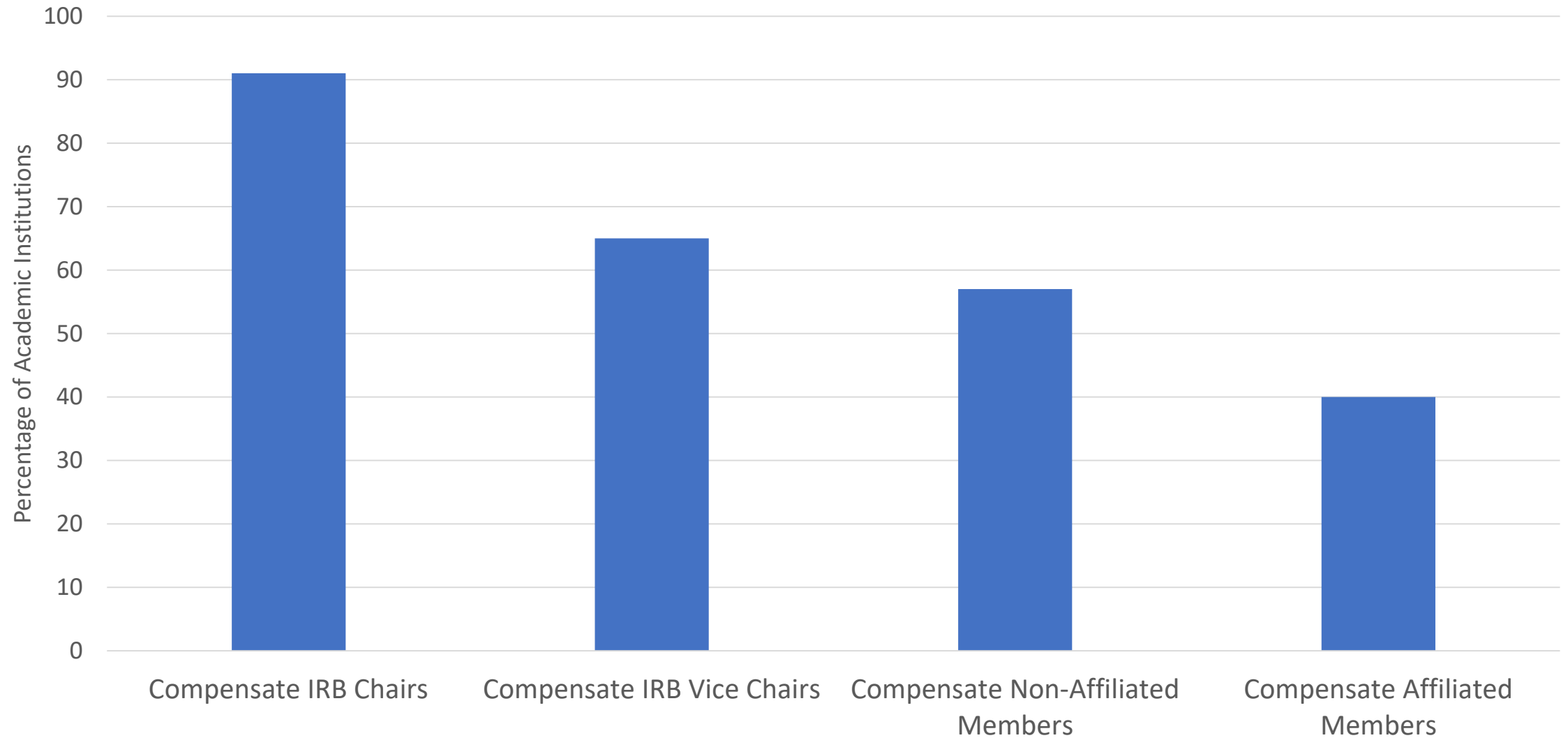
92% of accredited academic institutions follow DHHS regulations; 91% follow FDA regulations; 87% follow state and local regulations; 79% follow DOD regulations; 57% follow ED regulations; 52% follow DOJ regulations; 49% follow ICH or ICH when requested by a sponsor; 32% follow non-US country-specific law; 30% follow VA regulations; 28% follow EPA regulations; 25% follow DOE regulations.

IRBs per Academic Institution



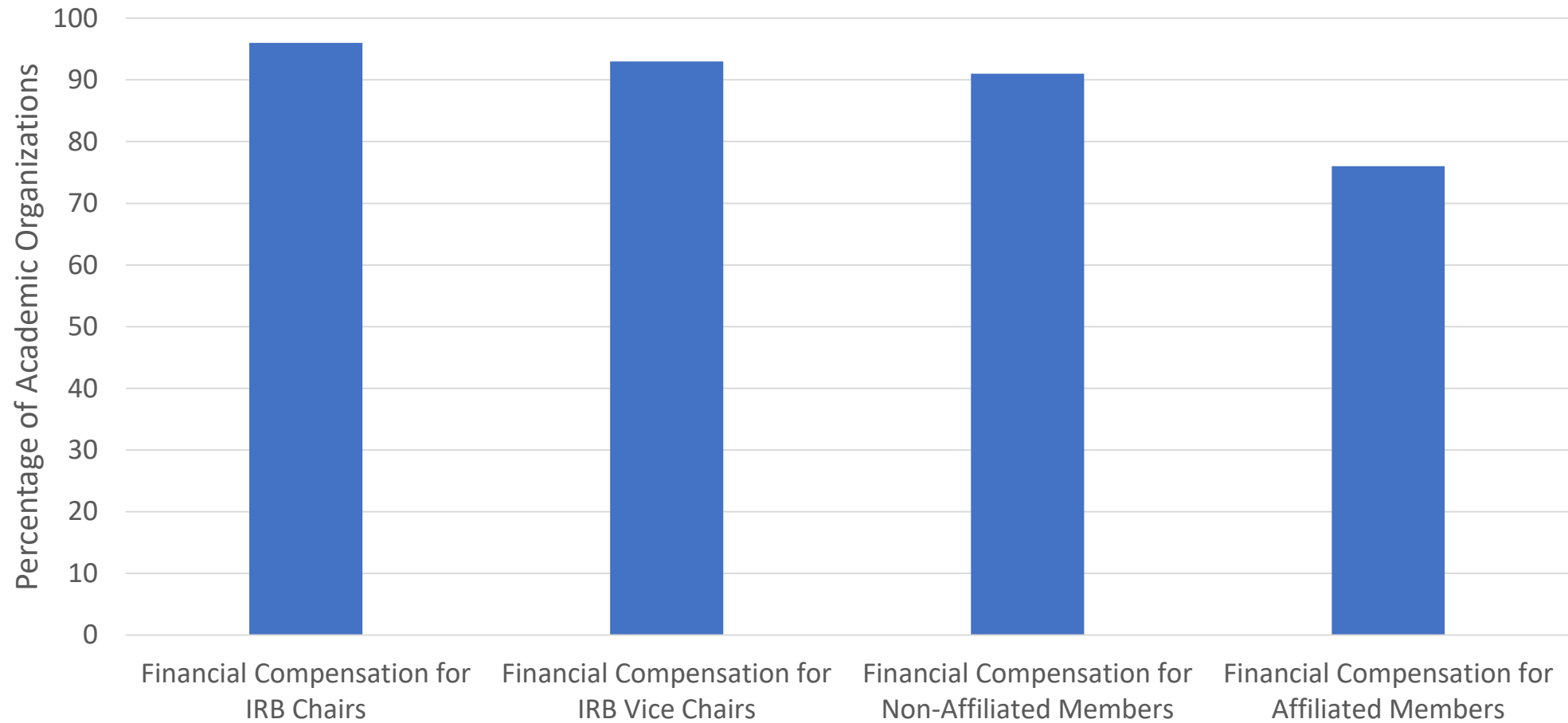
■ One IRB ■ Two IRBs ■ Three IRBs ■ Four IRBs ■ Five or More IRBs

Compensation for IRB members



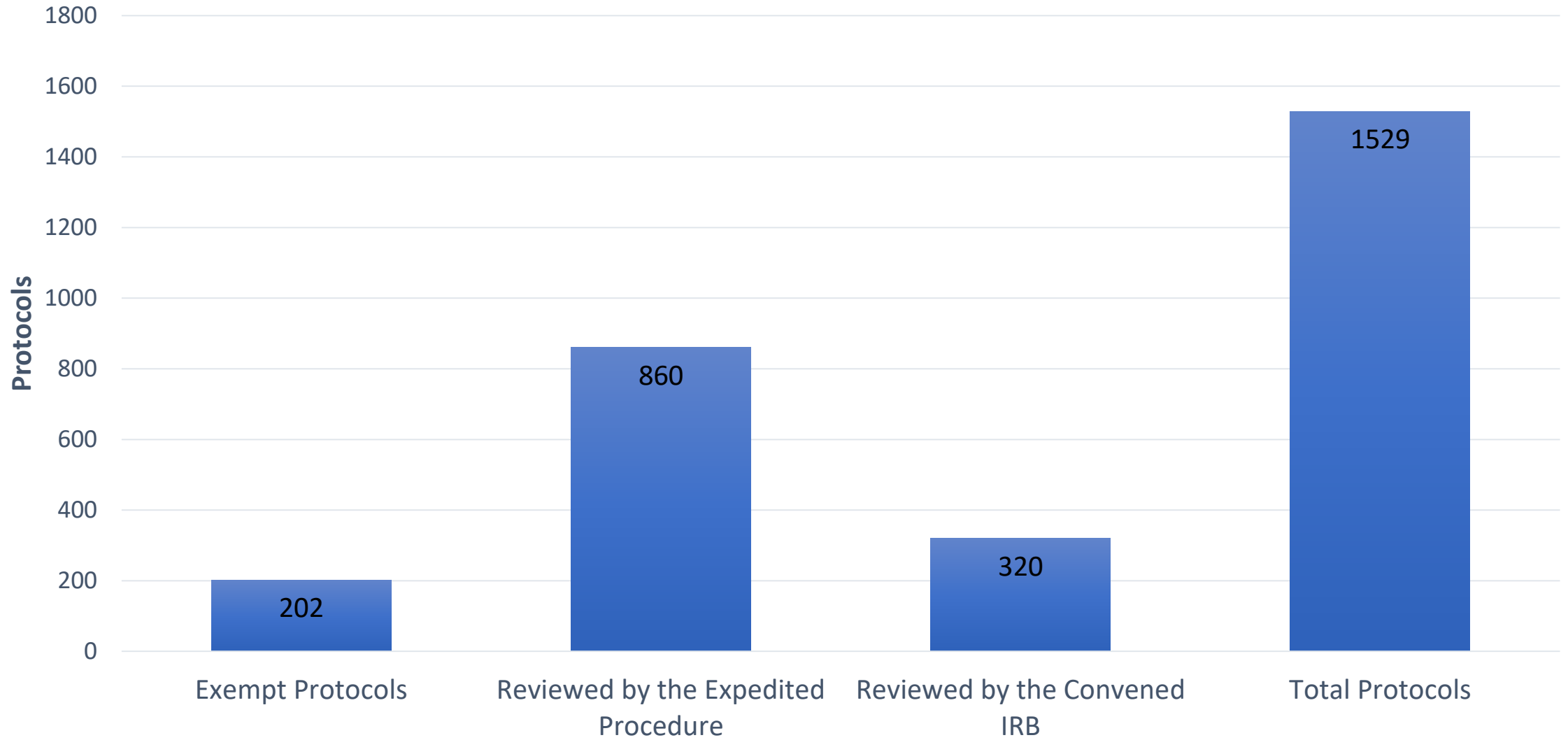
91% of academic institutions compensate IRB Chairs; 65% compensate IRB vice chairs; 57% compensate non-affiliated members; 40% compensate affiliated members.

Financial Compensation for IRB Members

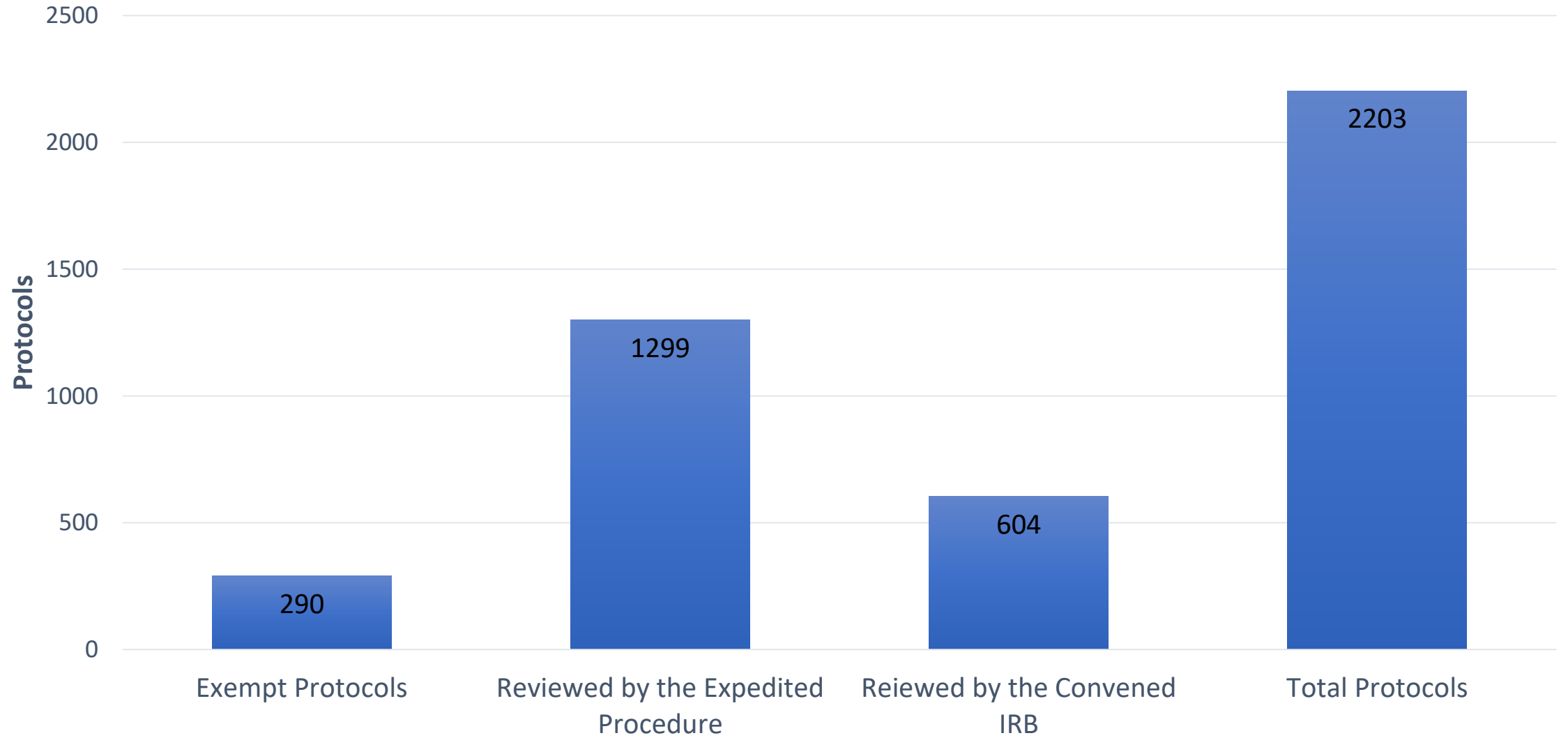


Of the academic institutions which compensate IRB chairs, 96% provide financial compensation; of the academic institutions which compensate IRB vice chairs, 93% provide financial compensation; of the academic institutions which compensate non-affiliated members, 91% provide financial compensation; of the academic institutions which compensate affiliated members, 76% provide financial compensation.

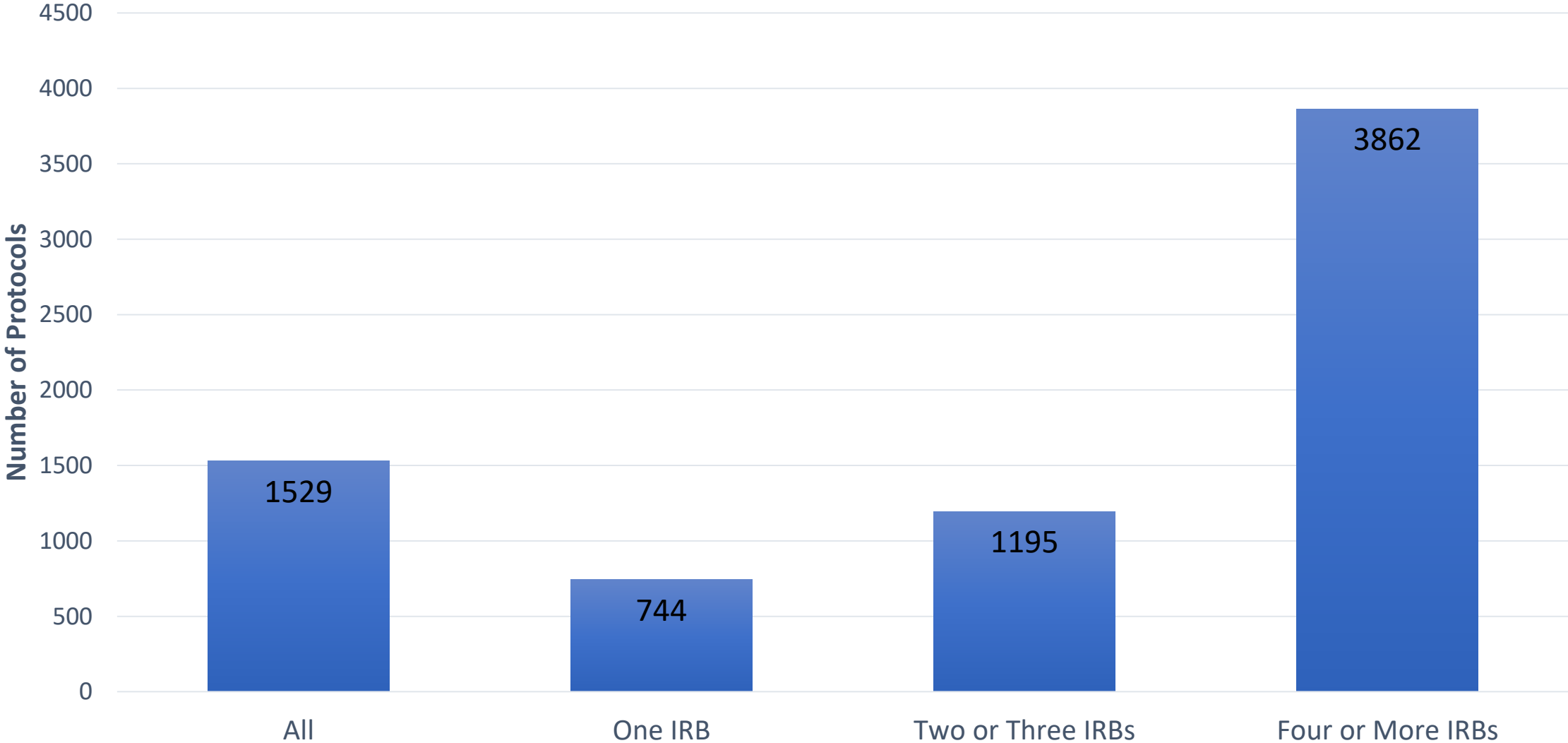
Median Number of Active Protocols Overseen by Academic Institutions



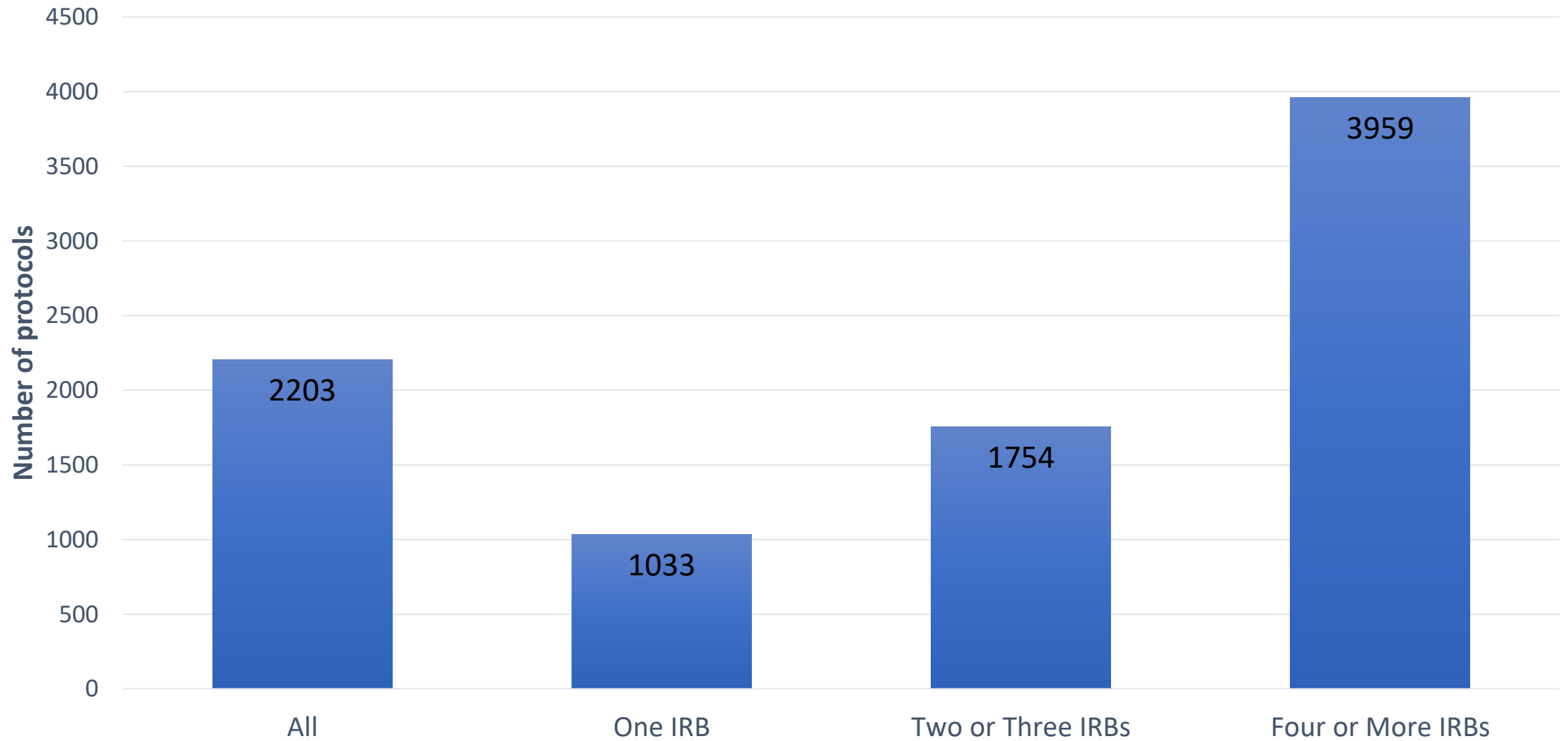
Mean Number of Active Protocols Overseen by Academic Institutions



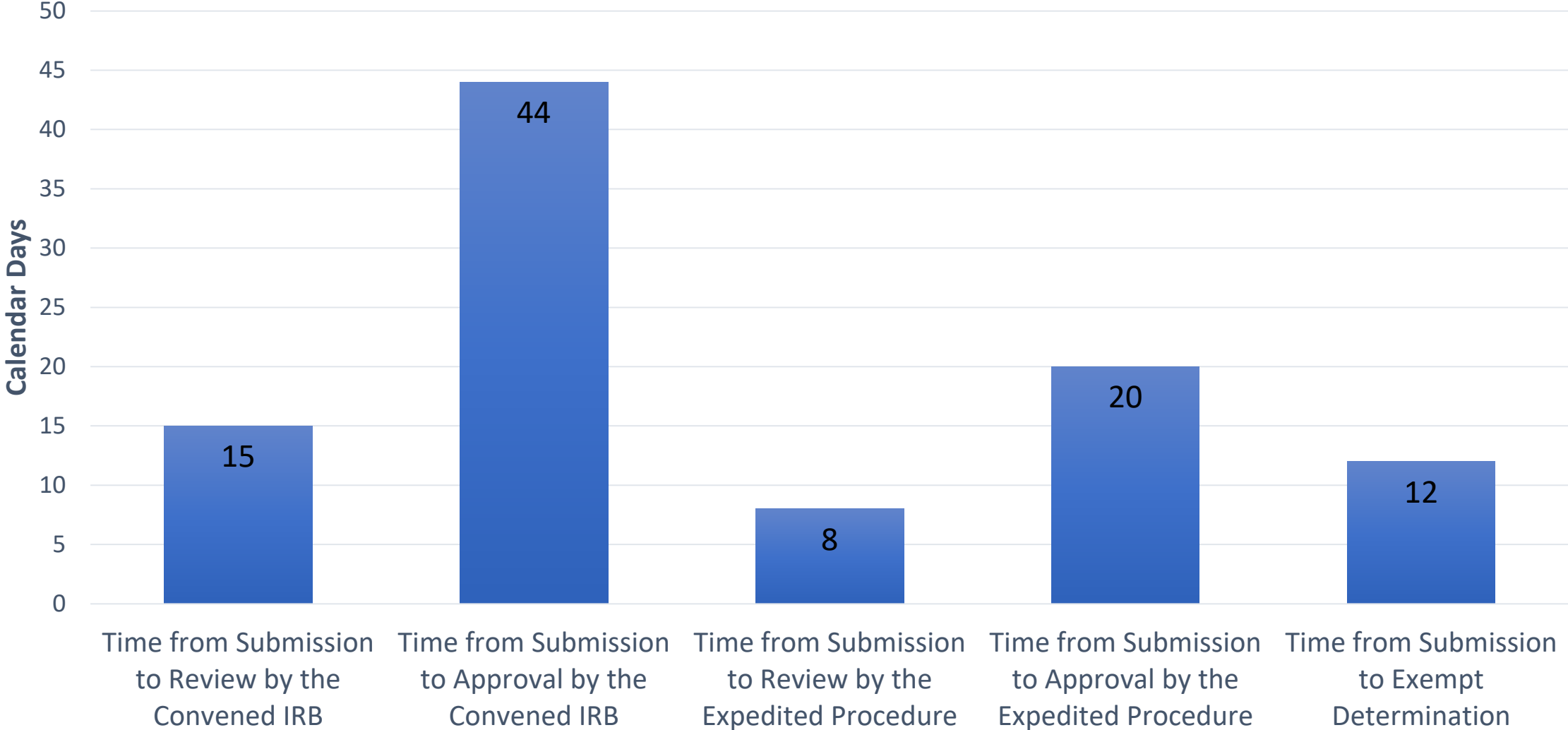
Median Number of Active Protocols Reviewed by an Academic Institutions Based on Number of IRBs



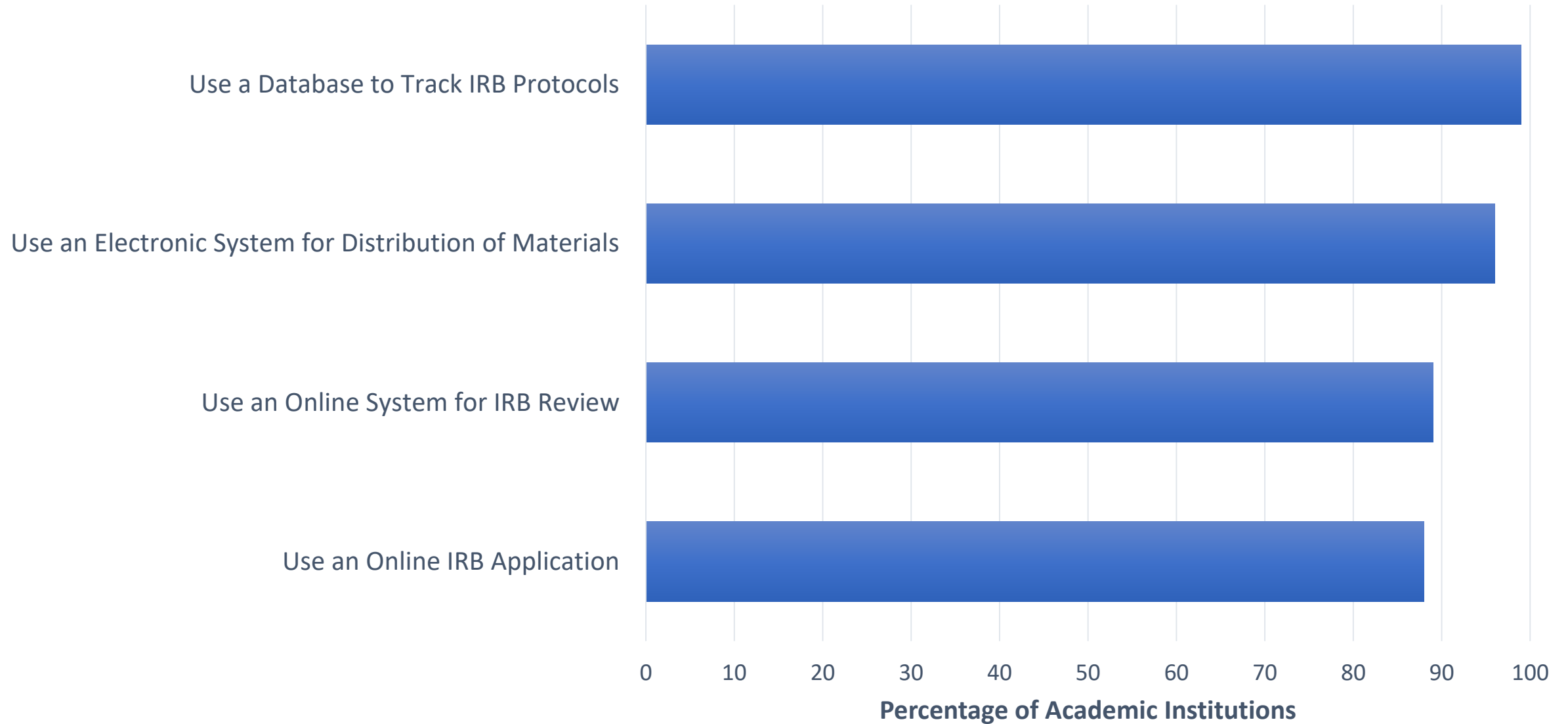
Mean Number of Active Protocols Reviewed by an Academic Institutions Based on IRBs



Median IRB Review Times by Type of Review



Technology Use by Academic Institutions With an IRB



99% use a database to track IRB protocols; 96% use an online electronic system for distribution of materials; 89% of academic institutions use an online system for IRB review; 88% use an online IRB application.

IRB Staffing and Funding Levels

Protocol Category	Median Number of Staff	Median Number of Protocols	Median Protocols per FTE	Median Dollars Budgeted for IRB
All	8	1529	191	\$664,227
1-500	3	297	113	\$191,086
501-1000	5	806	161	\$304,150
1001-2000	8	1490	186	\$657,272
2000-4000	16	2626	167	\$1,539,061
4000+	23	5481	241	\$2,593,849