



2019 Metrics on Human Research Protection Programs Performance for Hospitals

About the Metrics

Improving the quality of human research protection programs (HRPP) is a top priority of AAHRPP. Effective and efficient systems of oversight with organizations provide better protections for research participants and produce higher quality research. Collectively, they raise the global bar to ensure research participants are safe and respected. AAHRPP is pleased to present the 2019 metrics for hospitals' HRPP performance.

These metrics are collected from annual reports, as well as step 1 and step 2 applications, submitted by accredited organizations. All the metrics were based off the most recent data reported by AAHRPP organizations as of December 31, 2019. From data supplied by our organizations in 2019, 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, IRB review times, to conformance with regulations and guidance, to financial and personnel resources.

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IRB Review Times

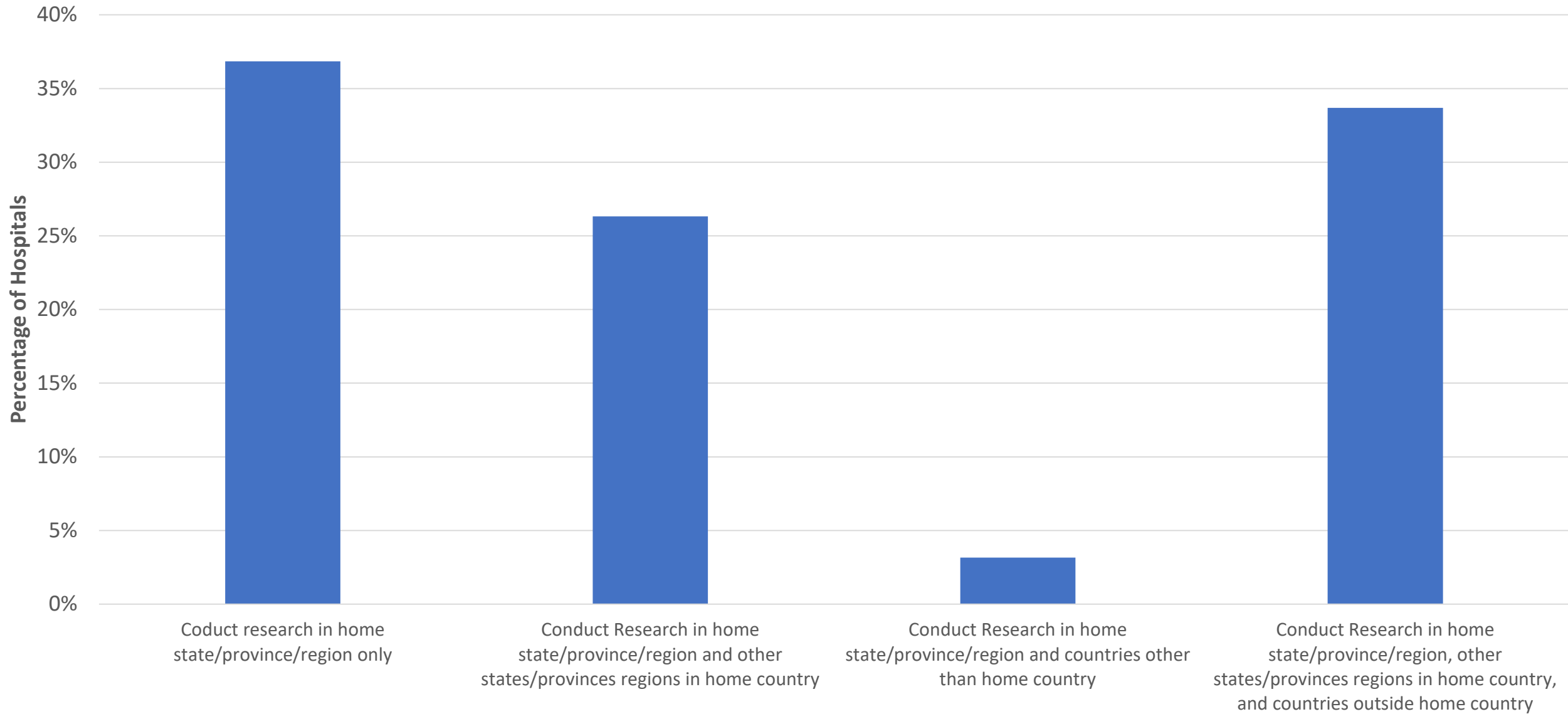
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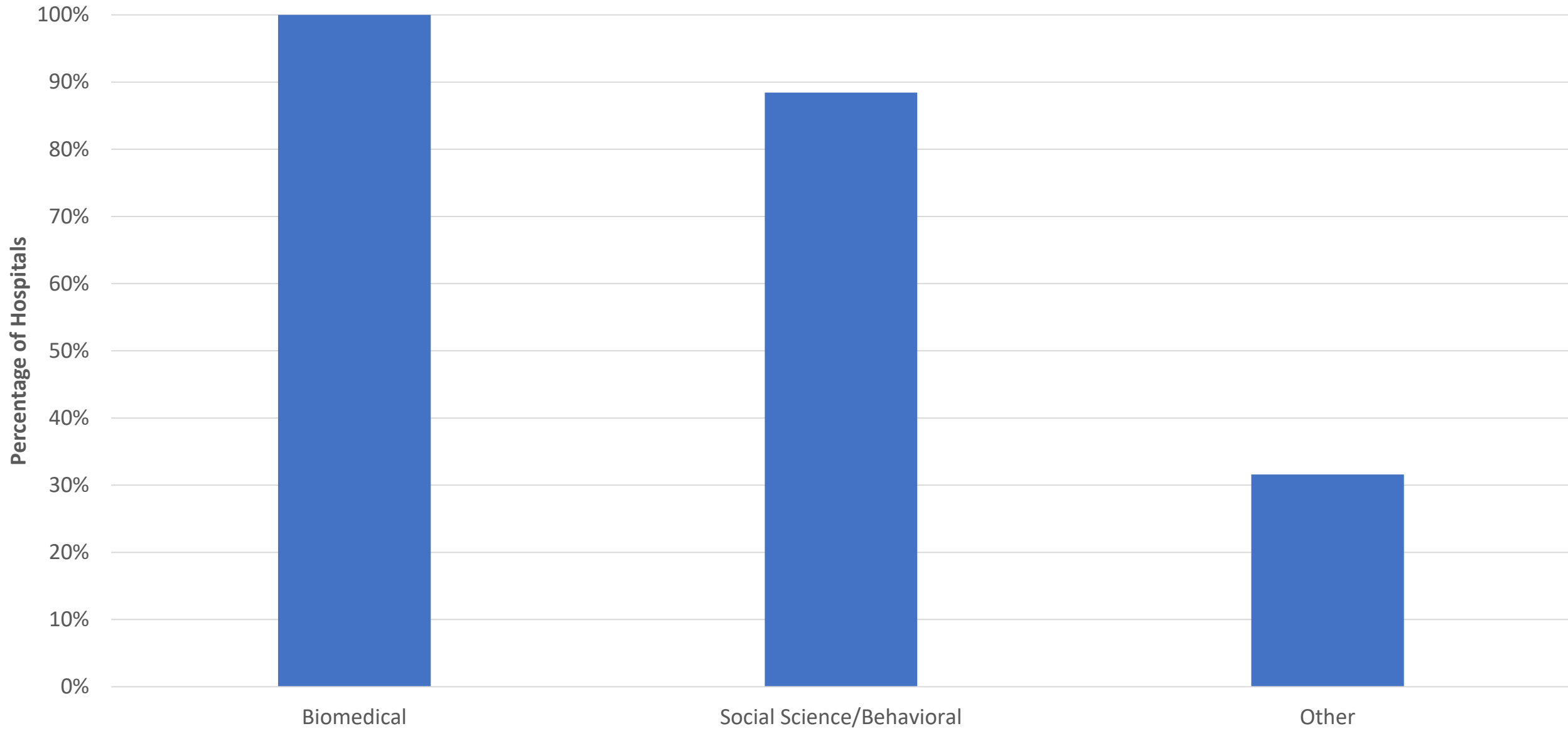
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Where Hospitals Conduct Research



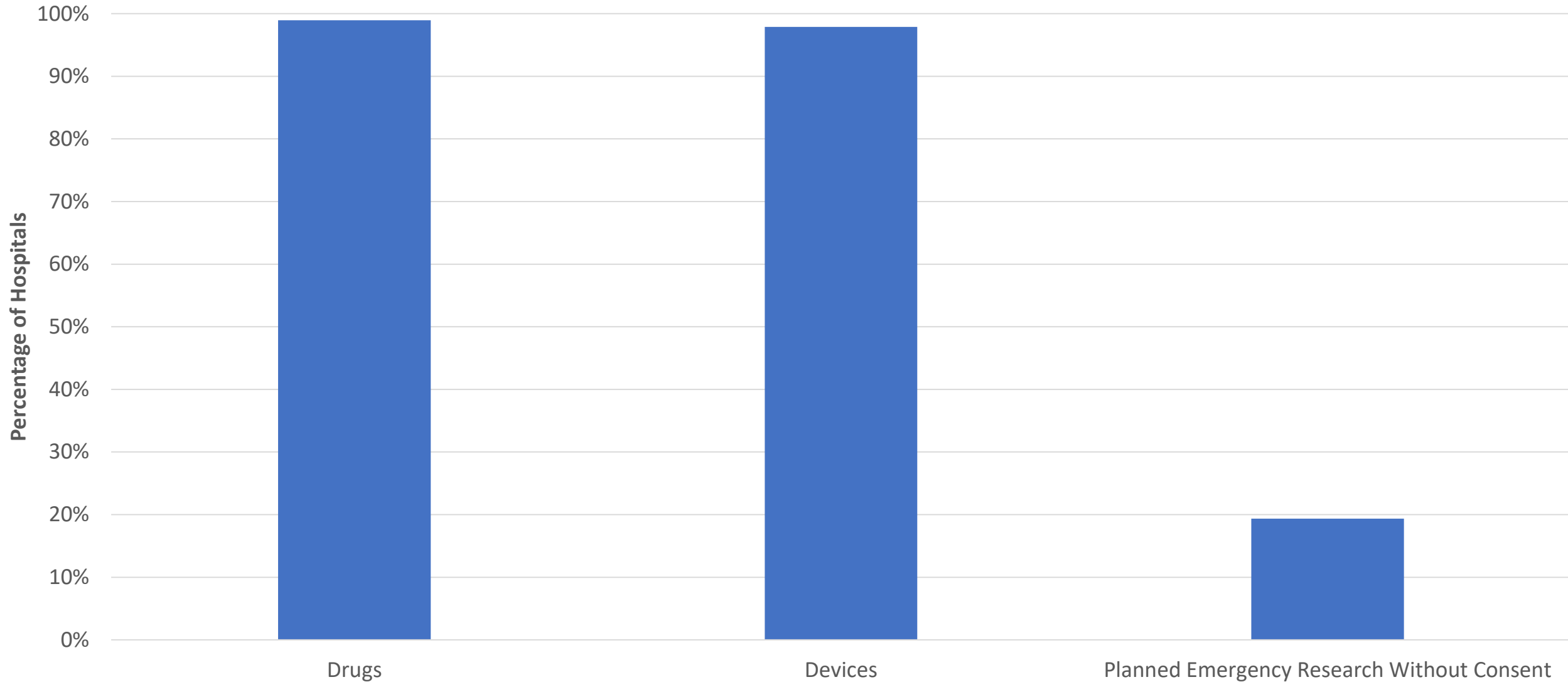
Of the 95 accredited hospitals, 36.8% conduct research in their home state/province/region only; 26.3% conduct research in their home state/province/region and other states/provinces/regions in their home country; 3.2% conduct research in their home state/province/region and countries outside their home country; 33.7% conduct research in their home state/province/region, other states/provinces/regions, and countries outside their home country.

Types of Research Conducted



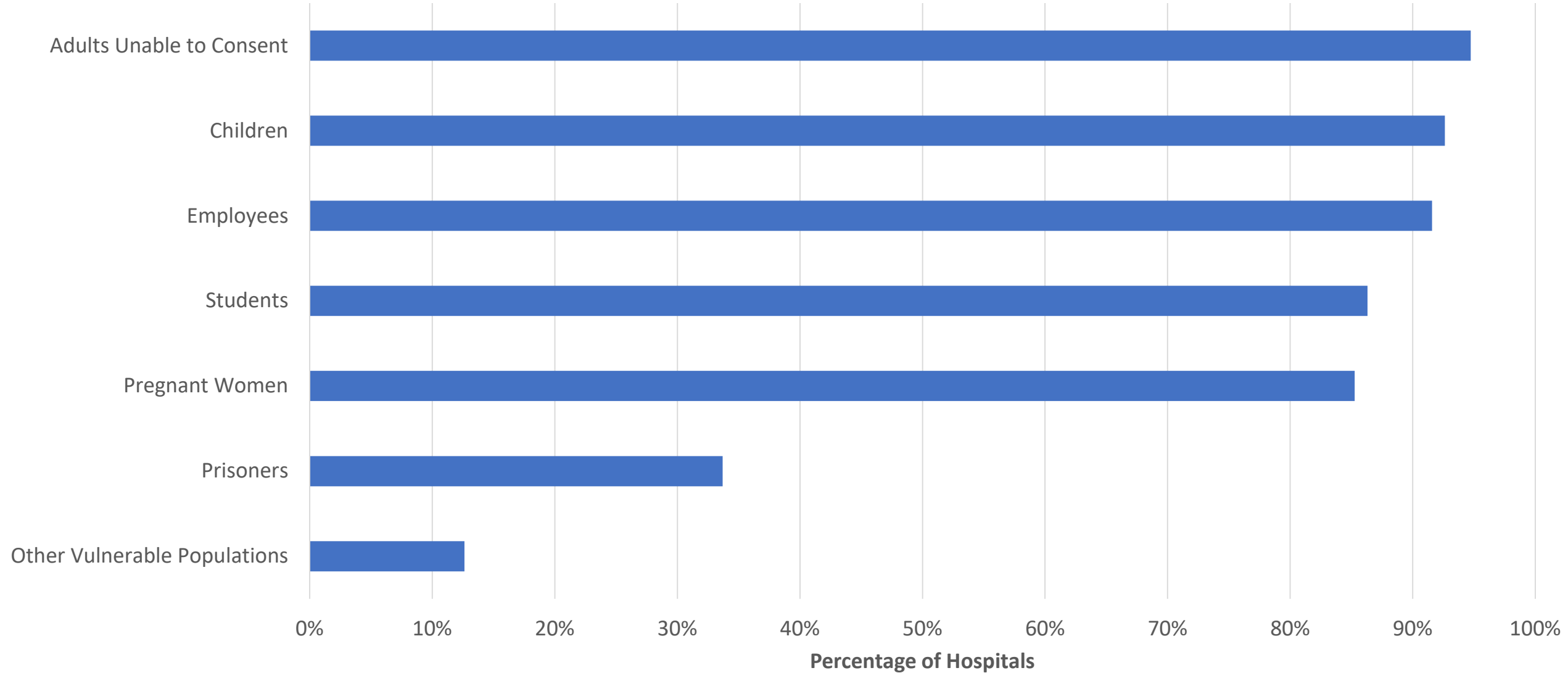
100% of hospitals conduct biomedical research; 88.4% conduct Social/Biomedical Research; 31.5% conduct other types of research.

Selected Types of Research



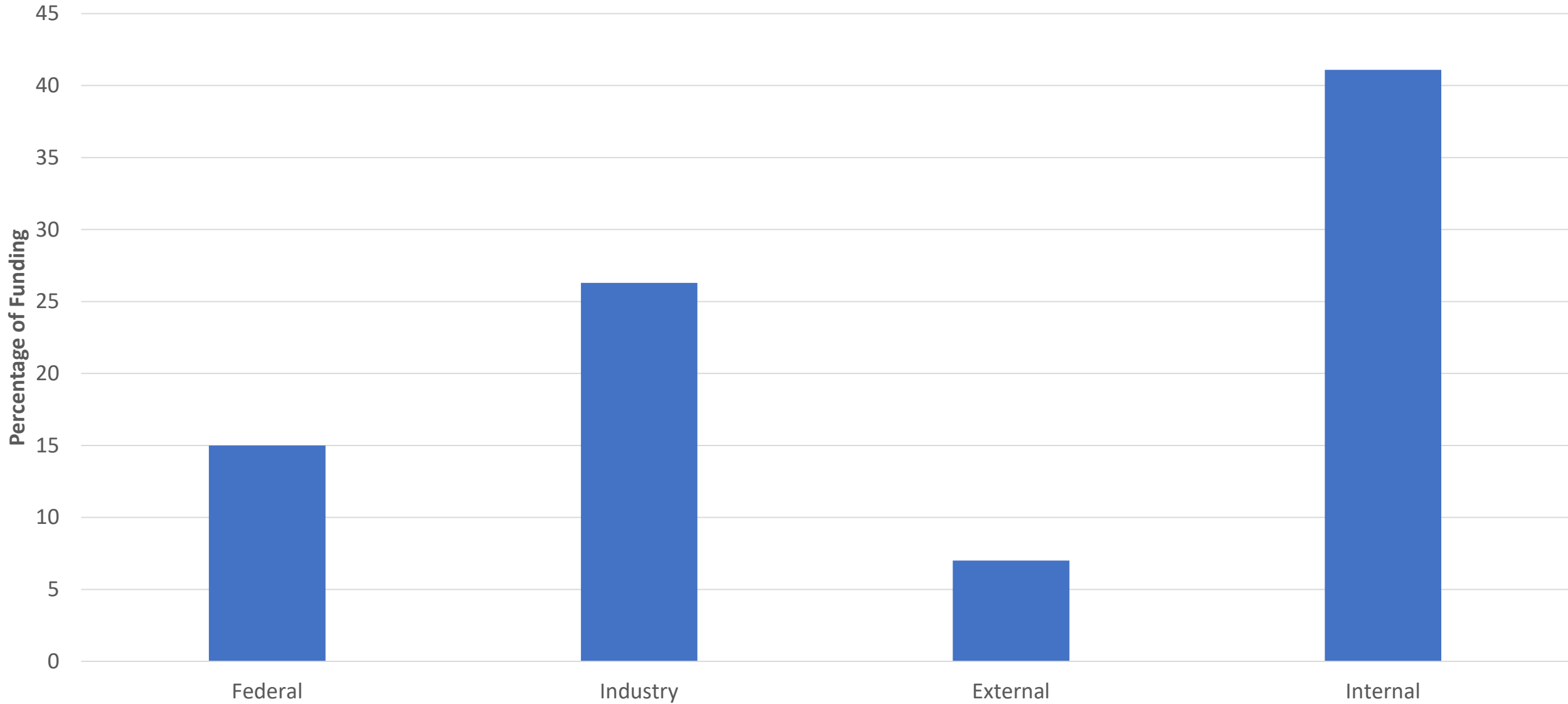
98.9% of accredited hospitals conduct research on investigational drugs; 97.8% conduct research on investigational devices; 19.4% conducted planned emergency research without consent within 12 months of their most recent report.

Research Involving Vulnerable Populations



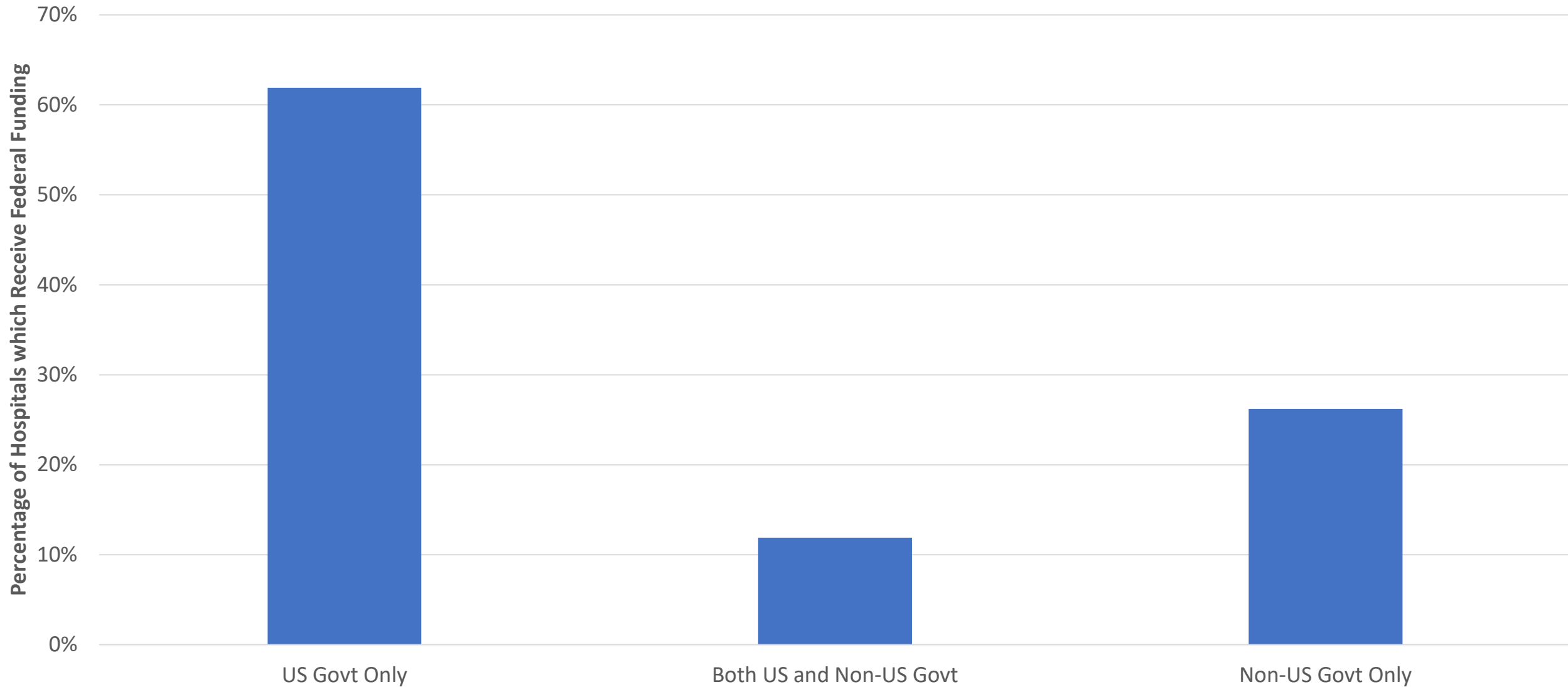
94.7% of hospitals conduct research involving adults unable to consent; 92.6% involve children; 91.6% involve employees; 86.3% involve students; 85.2% involve pregnant women; 33.7% involve prisoners; 12.6% involve other vulnerable populations.

Median Percentage of Funding



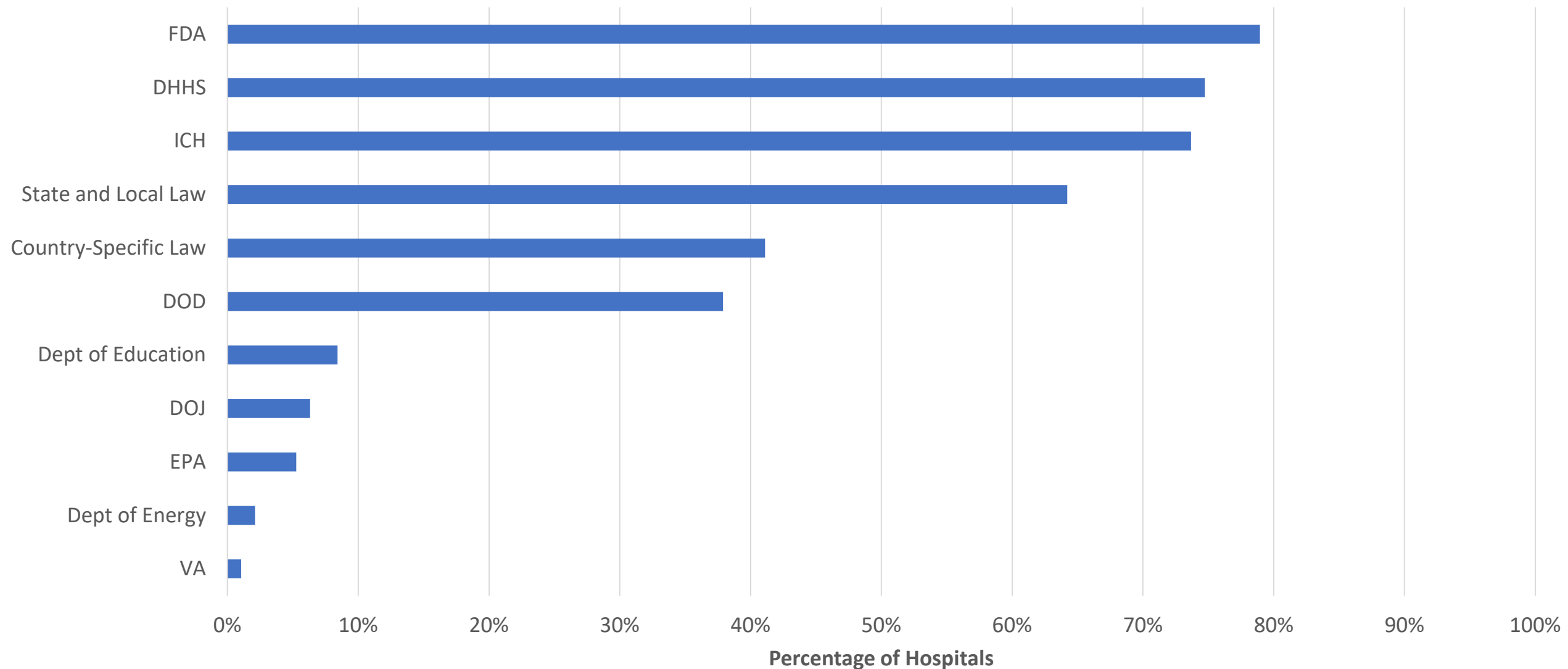
For all hospitals, a median of 15% of research is federally funded; a median of 26.3% of research is industry funded; a median of 7% of research is externally funded; a median of 41.1% of research is internally funded.

Sources of Federal Funding



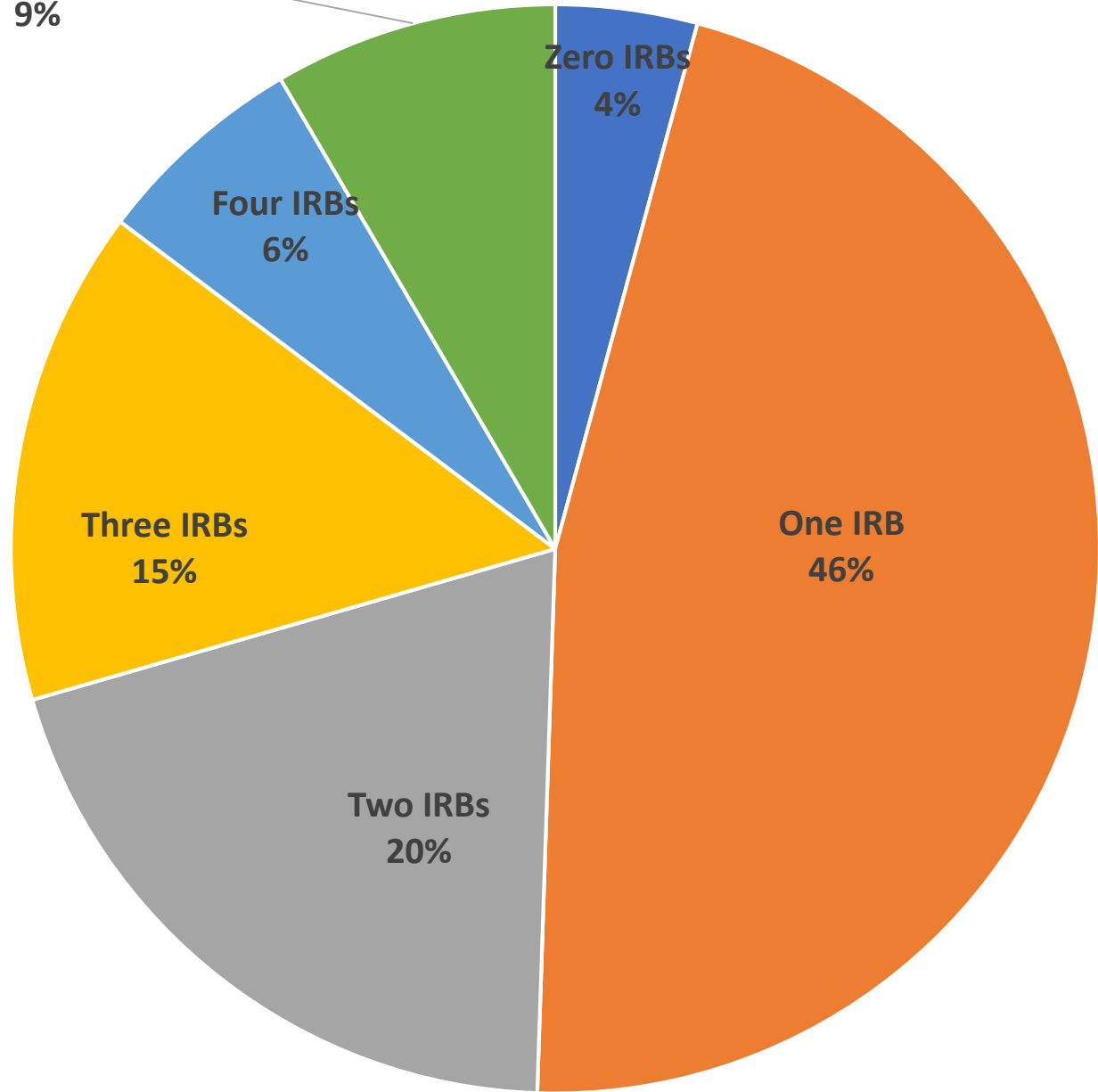
Of accredited hospitals which receive federal funding, 61.9% of hospitals receive funding from only the US government; 11.9% receive funding from both US and non-US governments; 26.2% receive funding from non-US governments only.

Research Regulations and Guidelines Followed by Hospitals



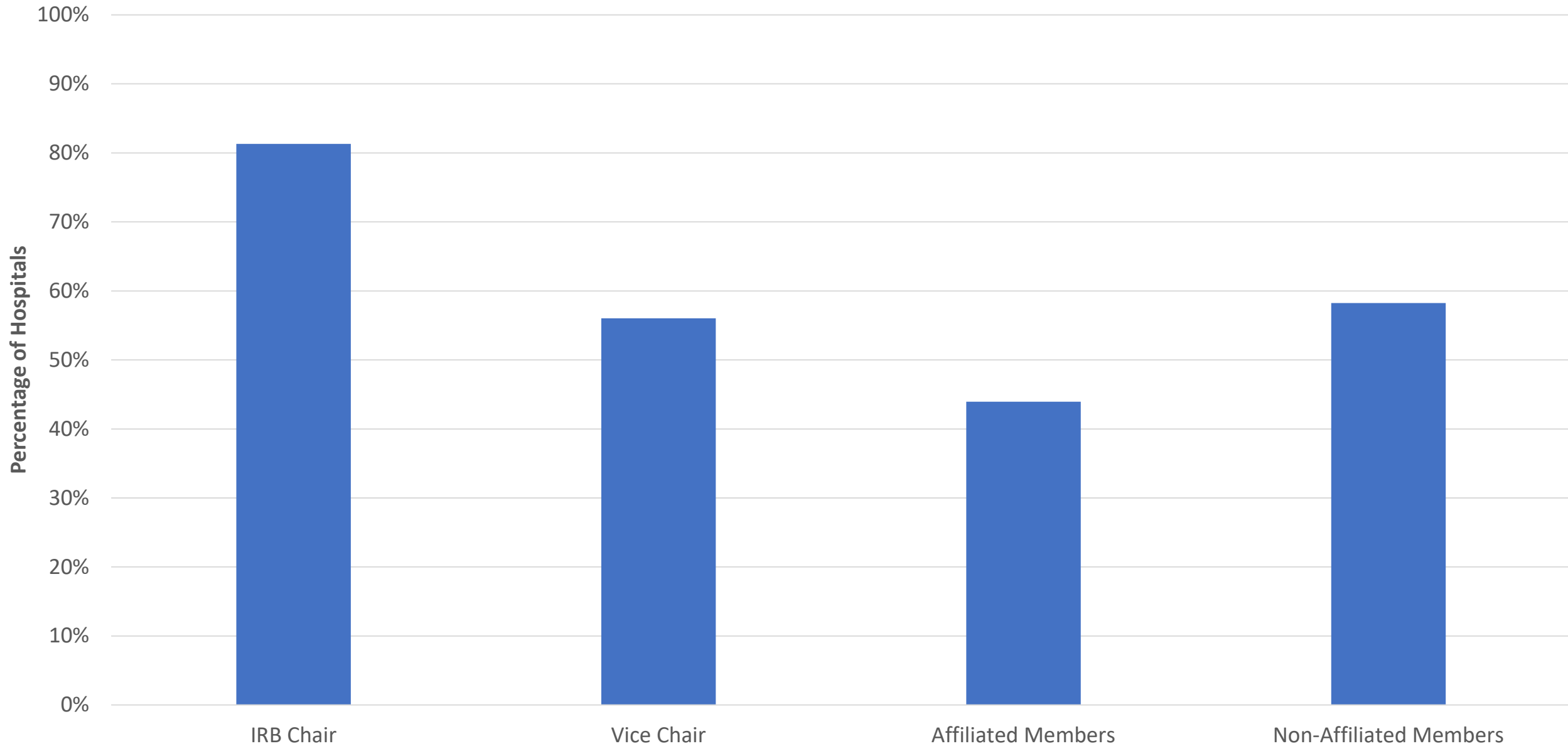
78.9% of accredited hospitals follow FDA regulations; 74.7% follow DHHS regulations; 73.6% follow ICH or ICH when requested by a sponsor; 64.2% follow state or local government regulations; 41.1% follow non-US country-specific regulations; 37.9% follow DOD regulations; 8.4% follow Department of Education regulations; 6.3% follow DOJ regulations; 5.3% follow EPA regulations; 2.1% follow Department of Energy regulations; 1.1% follow VA regulations.

IRBs per Hospital



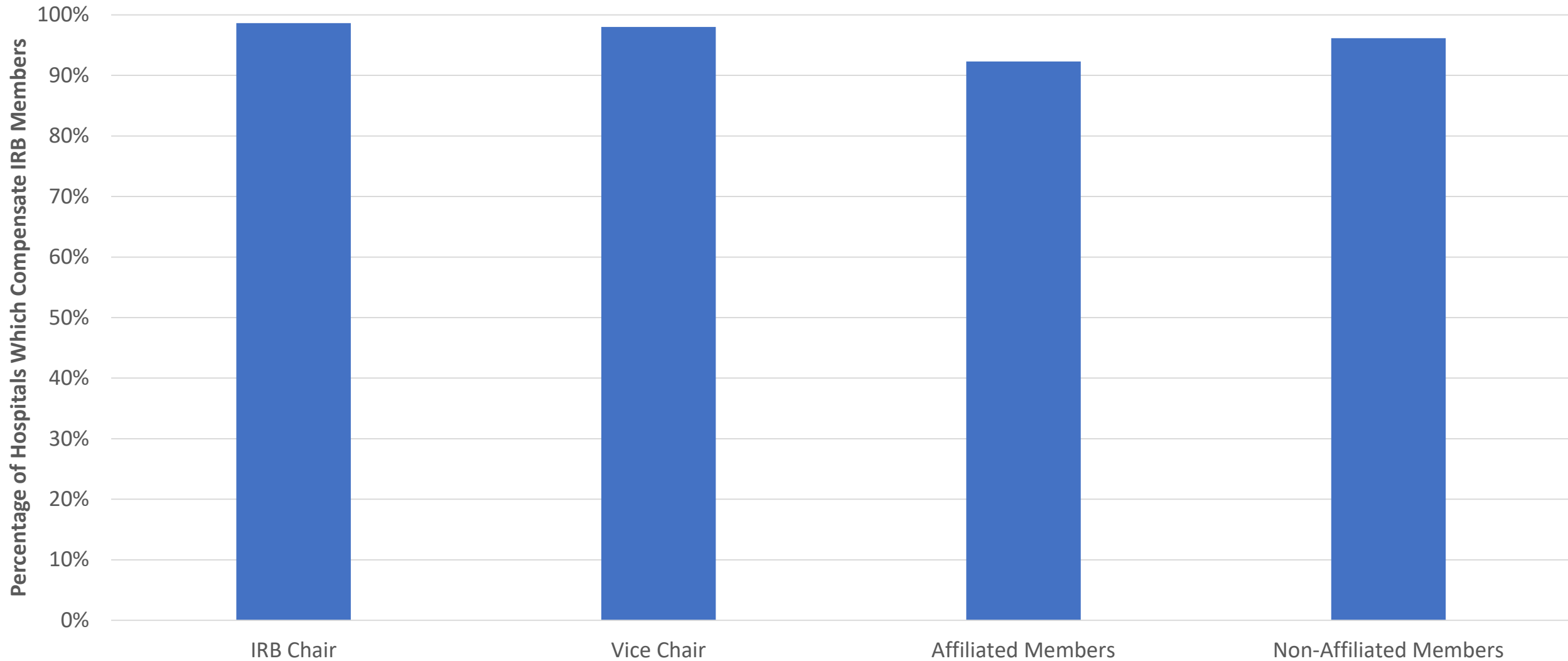
■ Zero IRBs ■ One IRB ■ Two IRBs ■ Three IRBs ■ Four IRBs ■ Five or More IRBs

Compensation of IRB Members



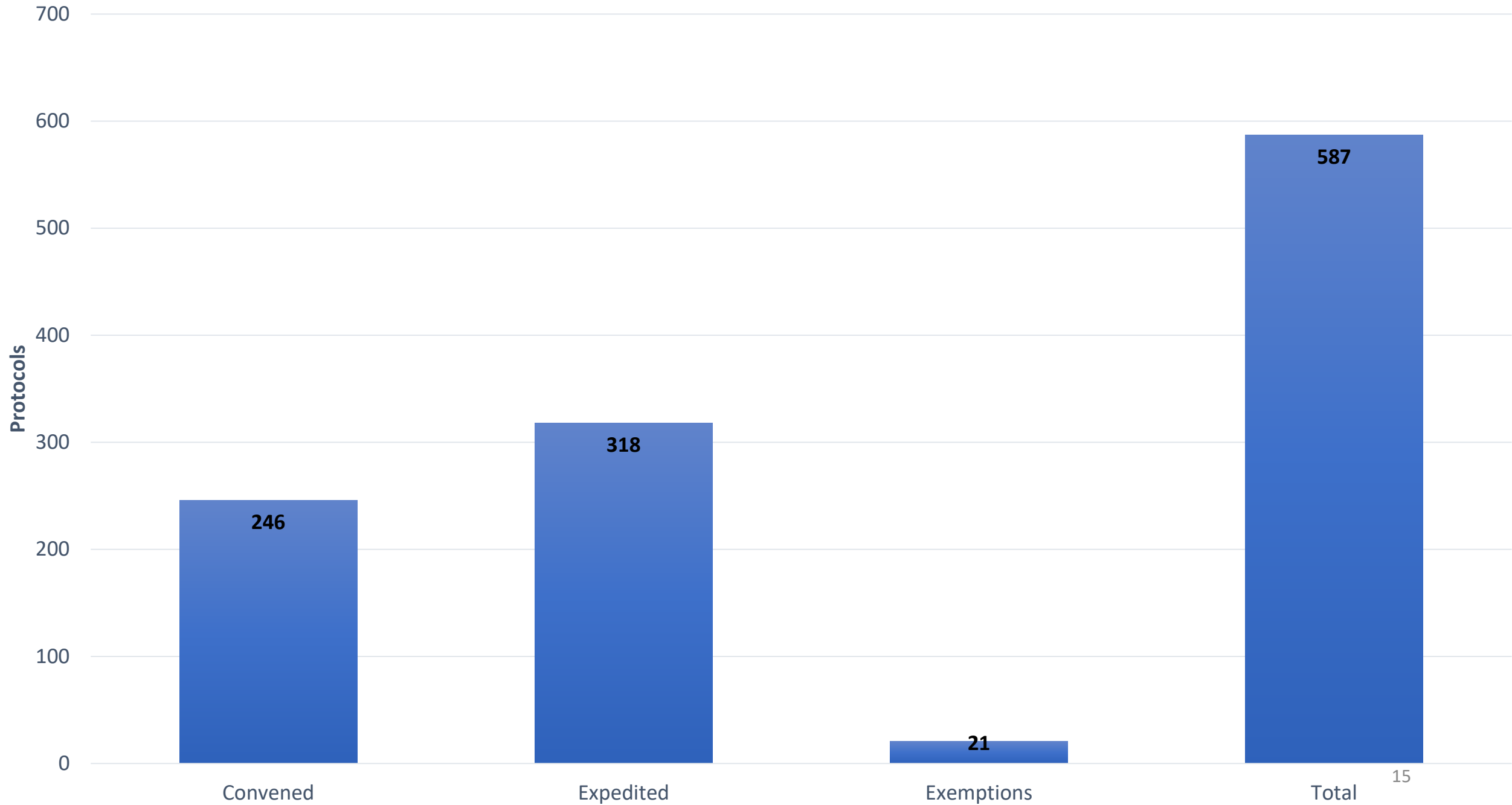
Of accredited hospitals with IRBs, 81.3% reported that they compensate their IRB chairs; 56.0% compensate IRB vice chairs; 44.0% compensate affiliated members; 58.2% compensate non-affiliated members.

Financial Compensation of IRB Members

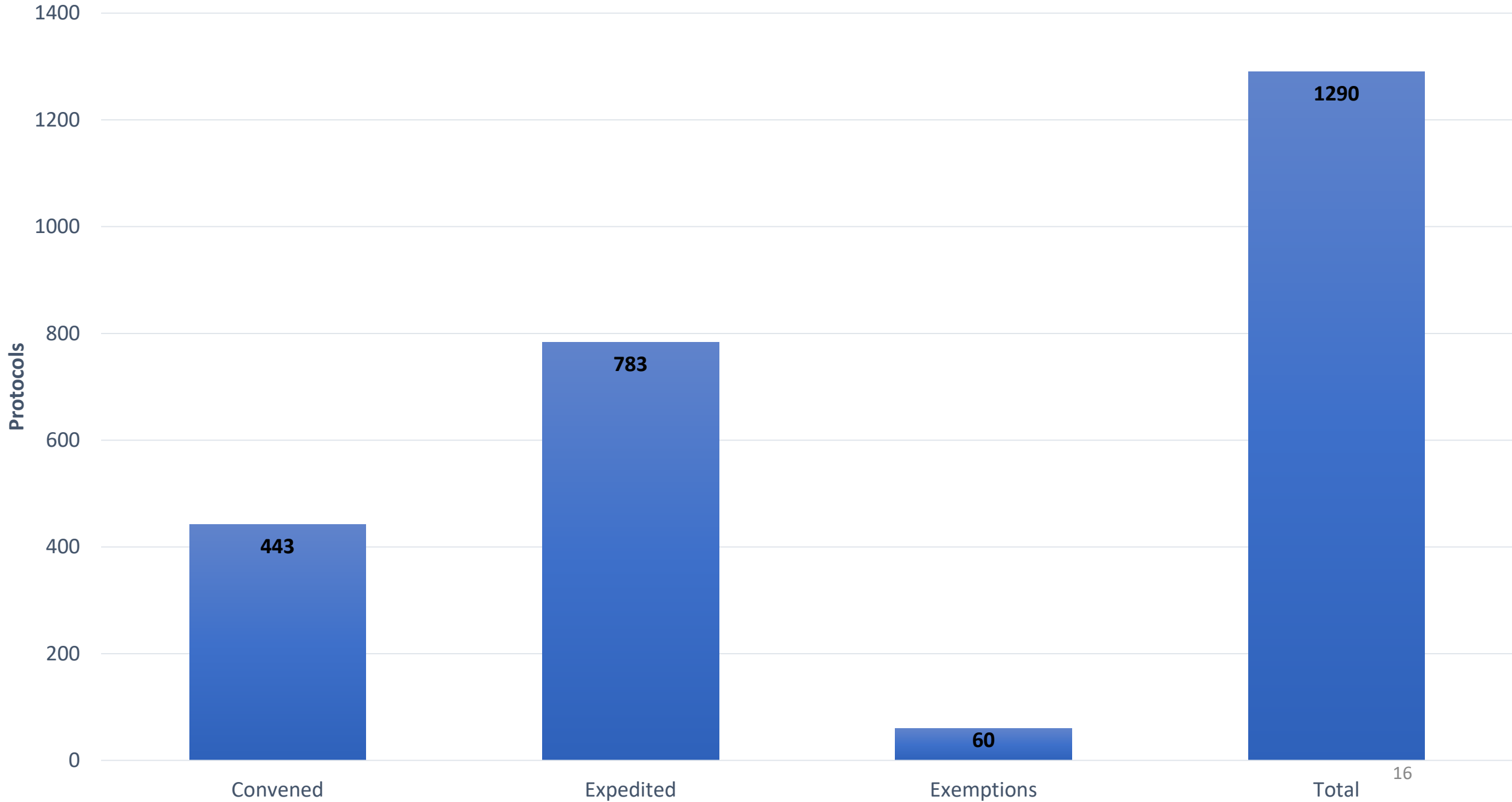


Of the hospitals that compensate their IRB chairs, 98.6% provide financial compensation; of the hospitals that compensate their IRB vice chairs, 98.0% provide financial compensation; of the hospitals that compensate affiliated members, 92.3% provide financial compensation; of the hospitals that compensate non-affiliated members, 96.2% provide financial compensation. Some hospitals reported compensating IRB positions, but not how.

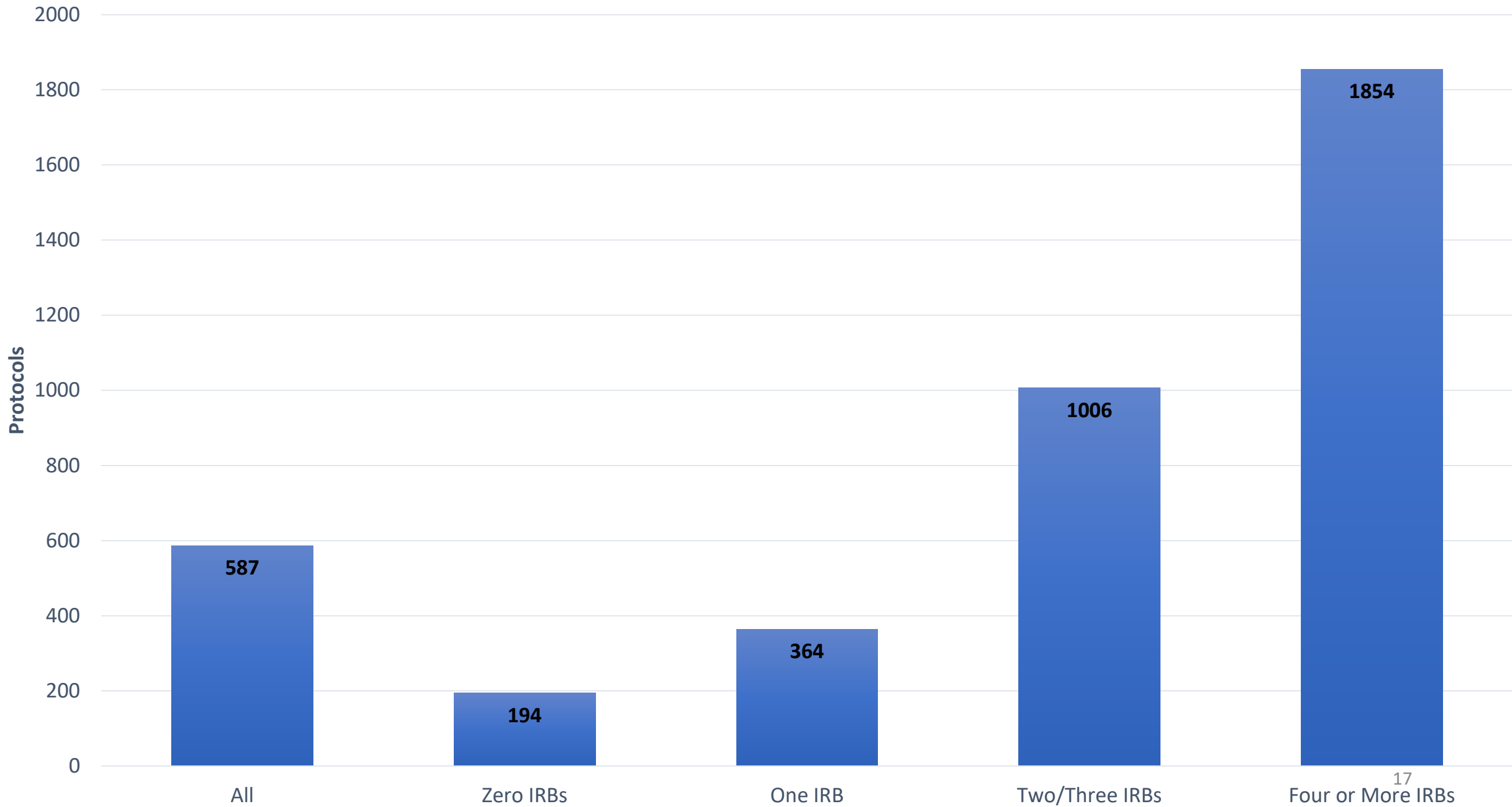
Median Protocols Overseen by Hospitals



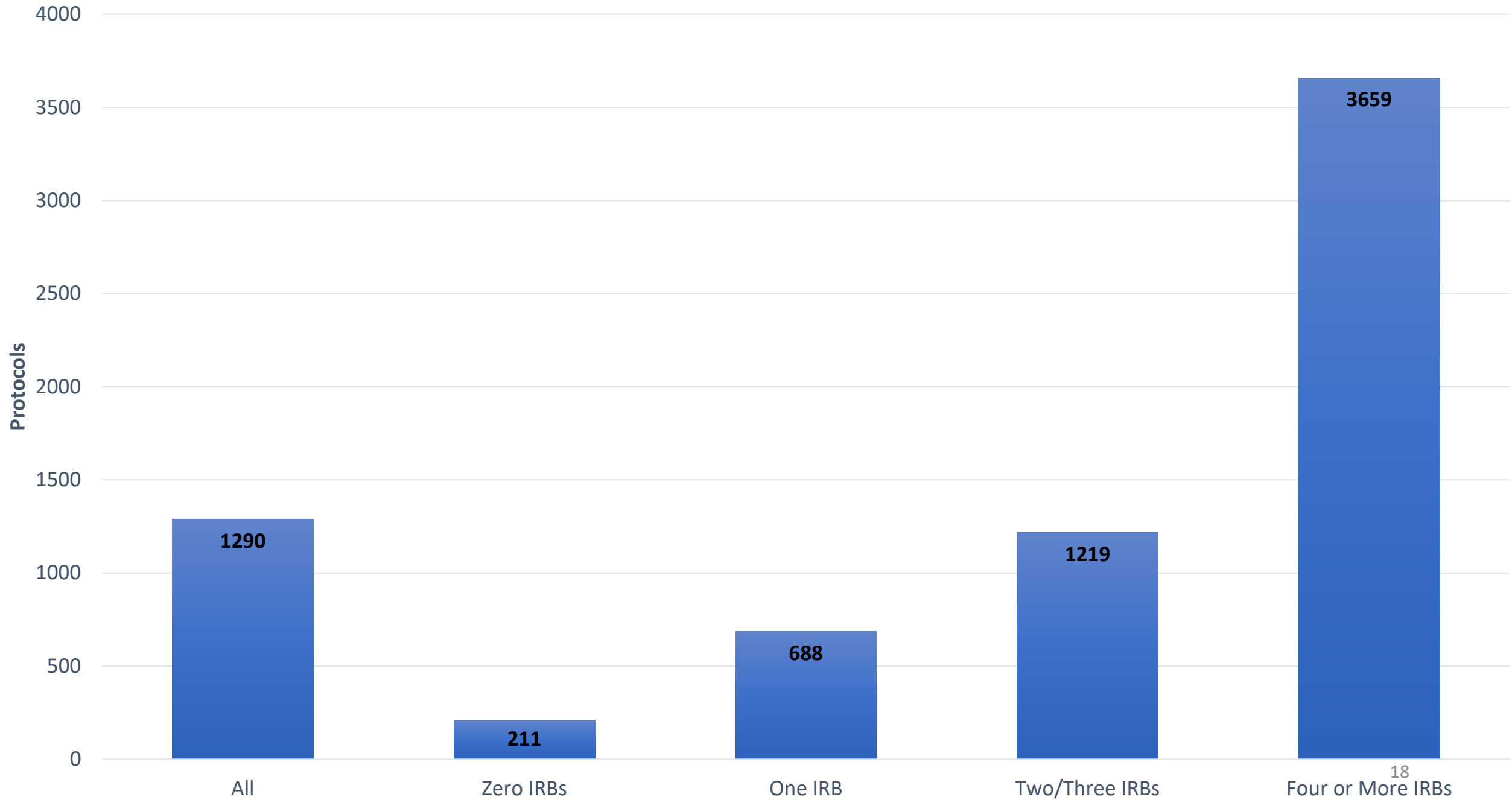
Mean Protocols Overseen by Hospitals



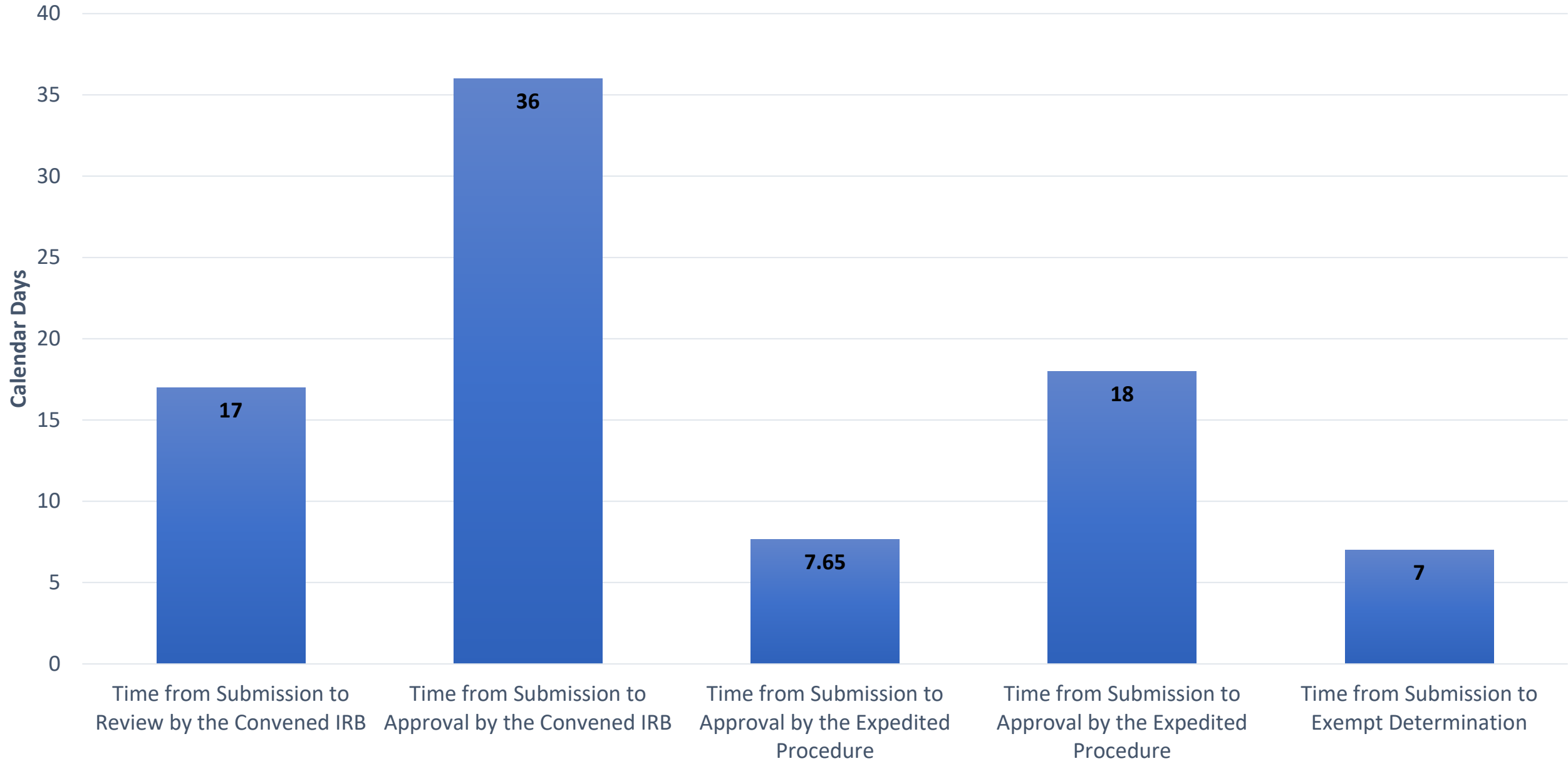
Median Protocols by IRB per Hospital



Mean Protocols by IRB per Hospital

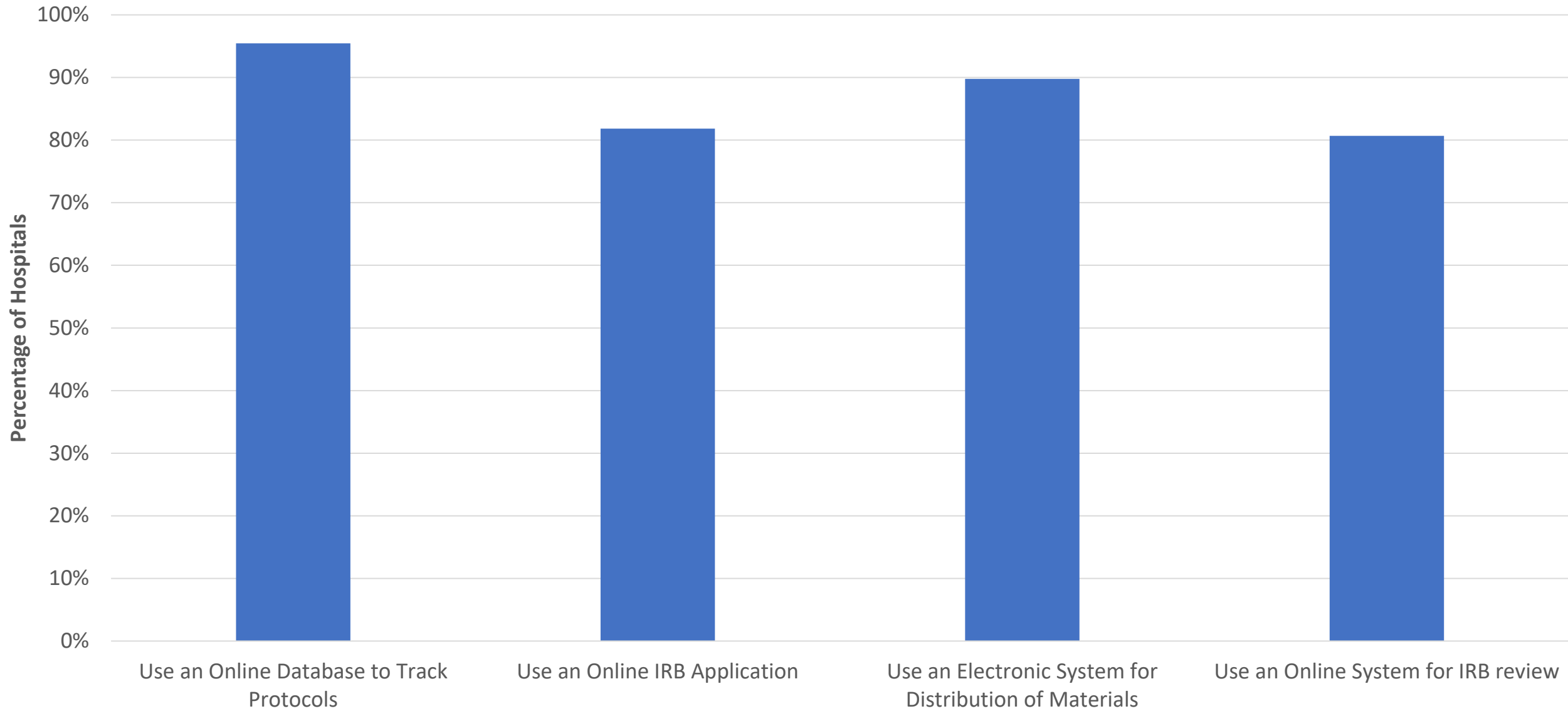


Median Review Times by Type of Review



Not all hospitals submitted IRB Review Times

Technology Use by Hospitals with an IRB



95.5% of hospitals with an IRB use an online database to track protocols; 81.8% use an online IRB application; 89.8% use an electronic system for distribution of materials; 80.1% use an online system for IRB review.

Protocols	Median Protocols	Median IRB Staff Members	Median Protocols/Staff	Median IRB Budgets	
0-100	70	2	35.0	\$	113,708.50
101-500	277	3.0	92.3	\$	160,500.00
501-1000	689	4.0	172.3	\$	374,786.50
1001-2000	1447	9	160.8	\$	527,415.50
2000+	3089	16.0	193.1	\$	1,261,103.00