

Masters Degrees in Physics

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Acknowledgements

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Features of the Graduate School Environment

- Ø Reputation
- Ø Recruiting Students
- Ø Specialized vs. Academic Program
- Ø Graduate Student Support
- Ø Sustainability
- Ø Placement

Number of Universities by Highest Physics Degree Awarded

Academic

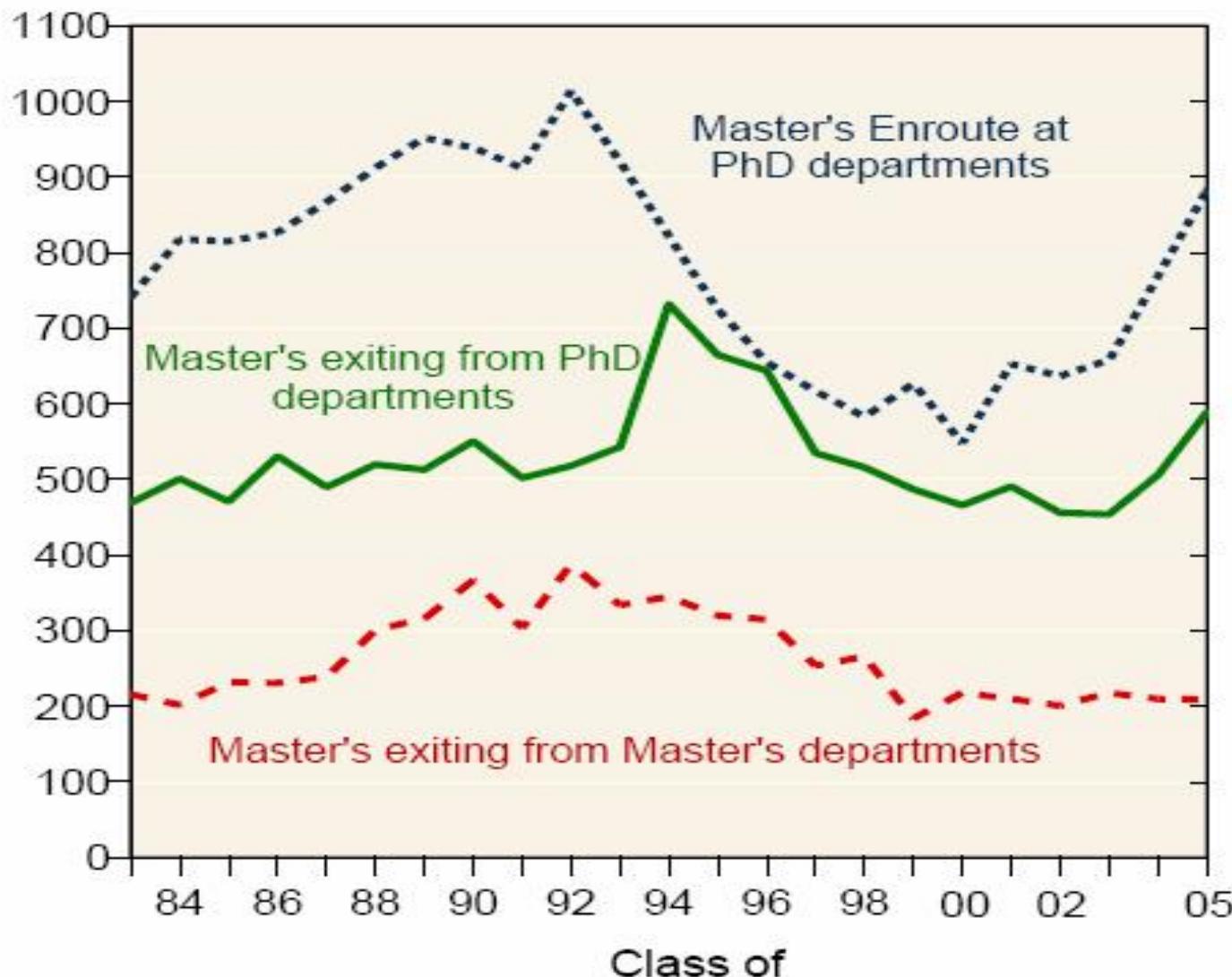
Year	Bachelor's	Master's	PhD
2005	513	66	180
1995	517	71	177
1990	499	79	178
1985	487	85	176
1980	502	96	174
1975	559	121	171
1970	529	138	172

Footnote: Five universities have 2 physics PhD-granting departments

Source: AIP Statistical Research Center

Master's degrees conferred by type of degree and department, 1983-2005.

Number



Master's Granting Departments that Averaged More Than 4 Physics Master's per Year during 2003, 2004, 2005

Total Master's 3-Year Cumulative	University
24	Christopher Newport University
23	University of Texas, El Paso
21	San Francisco State University
20	Ball State University
19	University of Louisville
18	U of Mass., Boston
17	U of Mass., Dartmouth
16	South Illinois University, Carbondale
15	West Illinois University
14	San Diego State University
13	San Jose State University
13	Central Michigan University

Source: AIP Statistical Research Center

Tuition Waivers and Type of Financial Support 1st Year Graduate Students at Master's Granting Depts.

Percent with Tuition Waivers

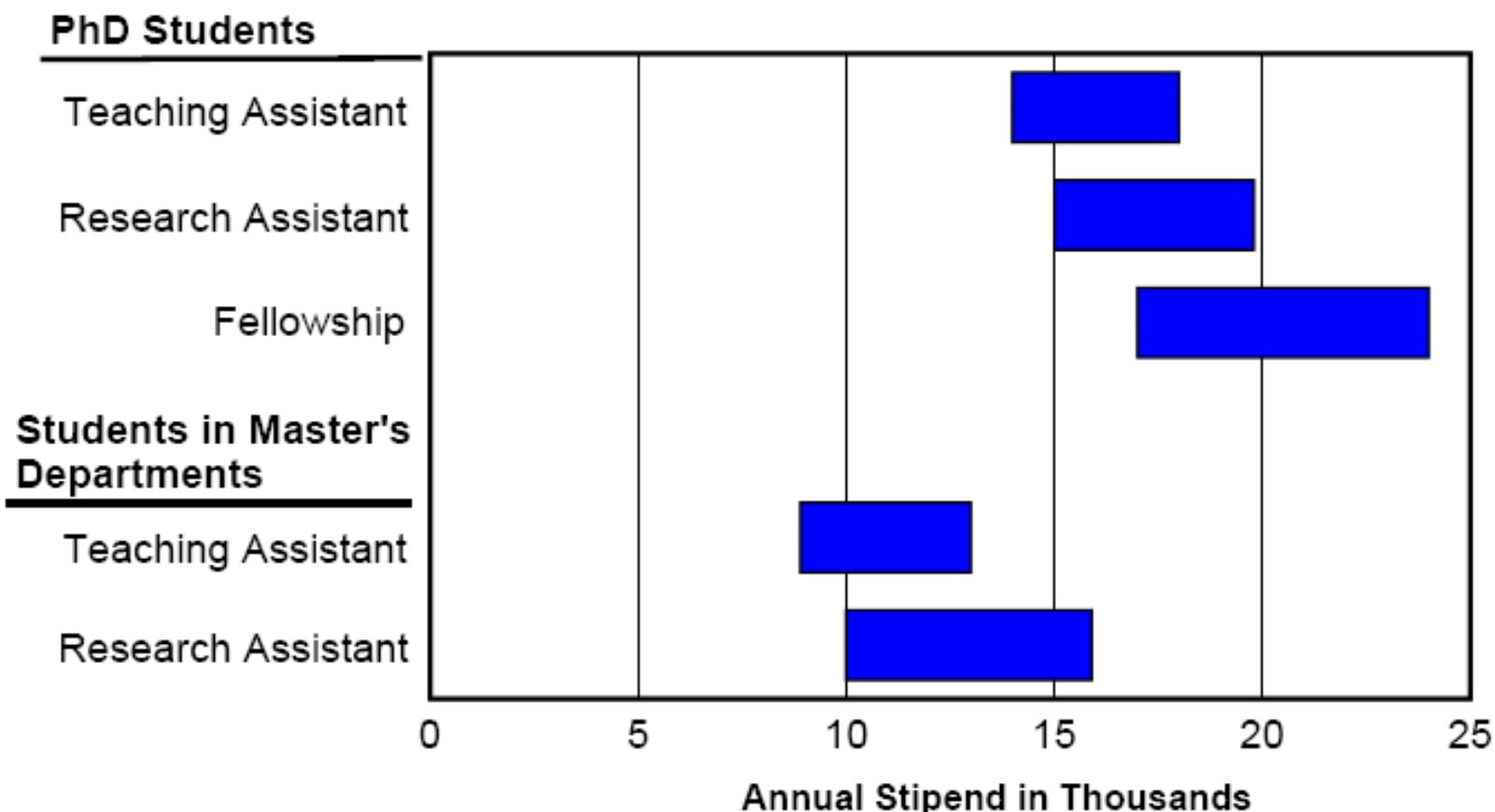
	%
Full	66
Partial	20
None	14

Primary Source of Financial Support

	%
Teaching Assistantship	68
Research Assistantship	20
Fellowship	3
Self-funded and Other	10

Source: AIP Statistical Research Center

Typical Stipends Full-time physics graduate students



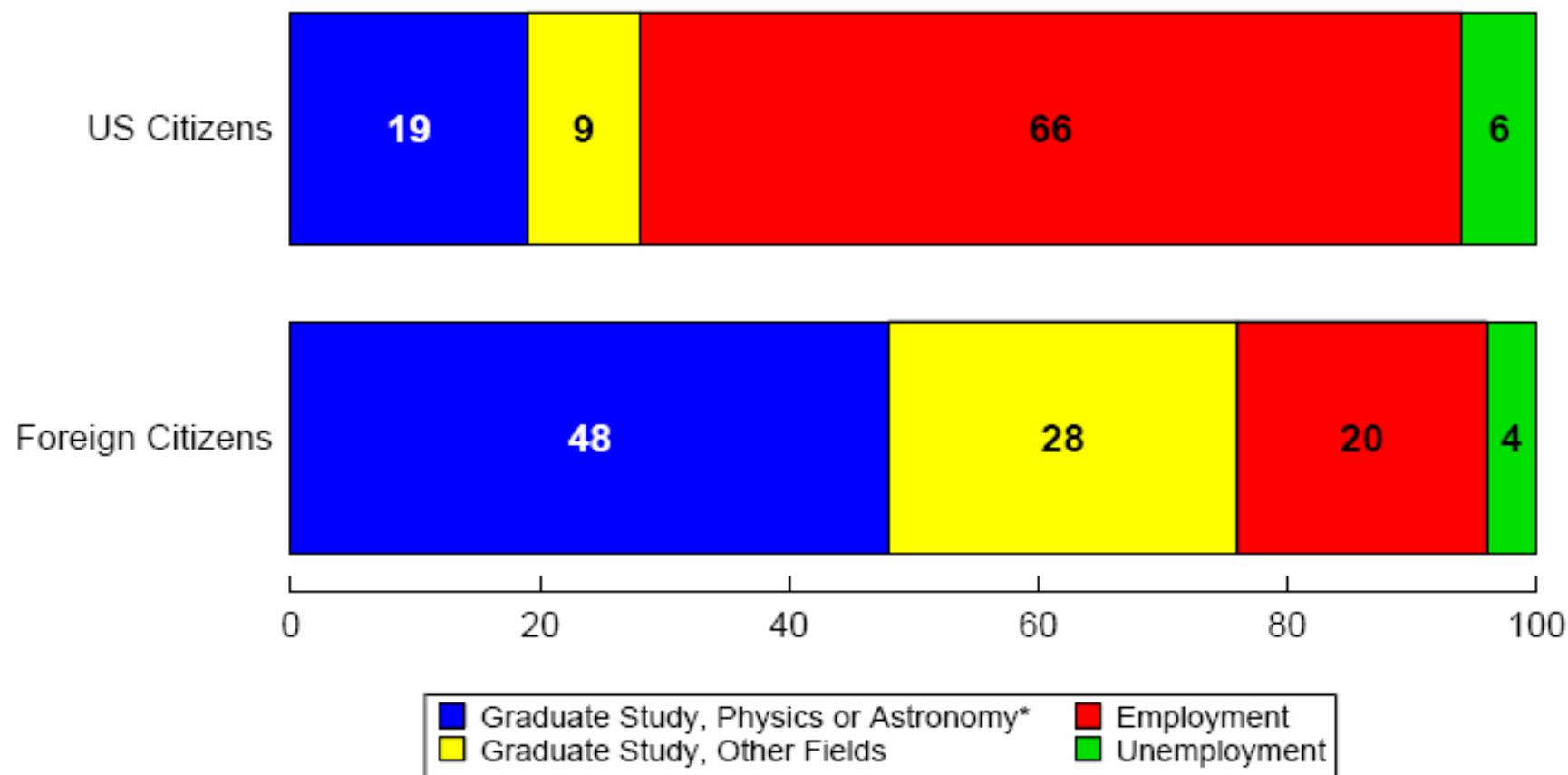
Typical stipends are the middle 50%, i.e between the 25th and 75th percentiles. 98% of the PhD students and 77% of the master's students received the support types listed above.

Characteristics of 1st Year Physics Graduate Students, Fall 2004

	Master's Granting	PhD Granting
Gender	%	%
Male	77	80
Female	23	20
Citizenship		
U.S.	71	56
Foreign	29	44
Total 1st Year Enrollments	324	2,716

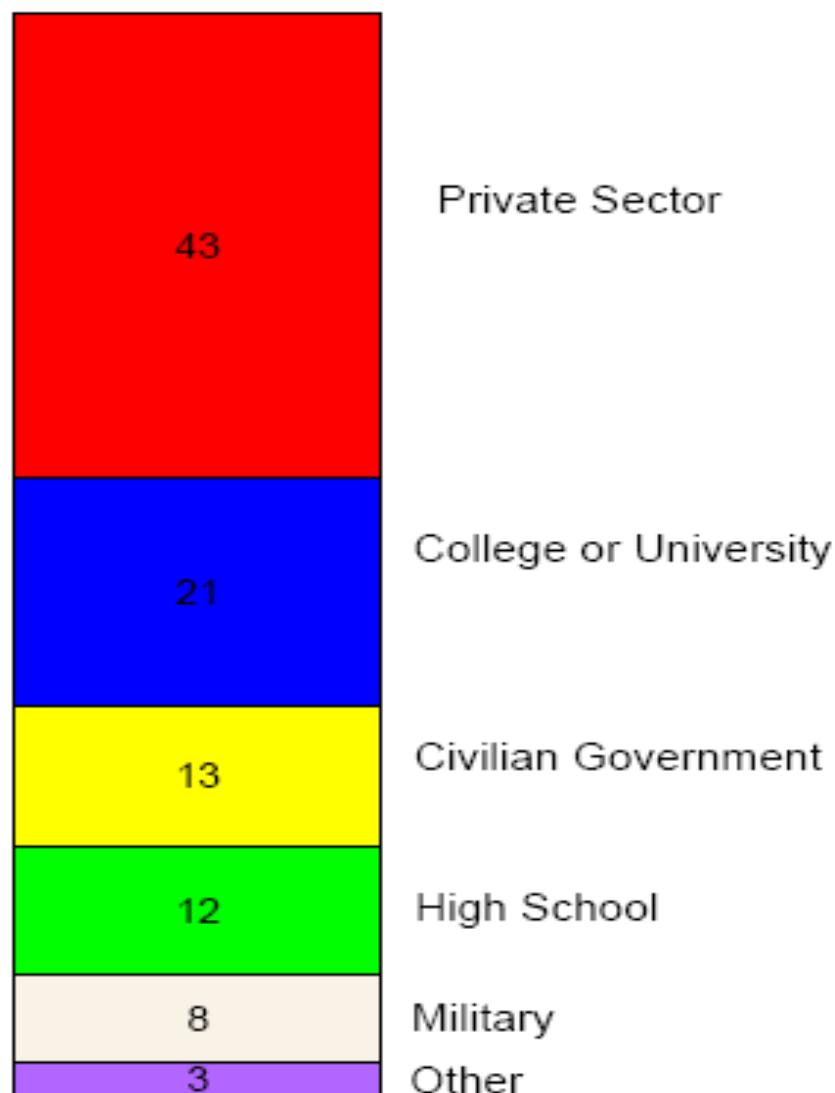
Source: AIP Statistical Research Center

Initial outcomes of exiting physics master's by citizenship, classes of 2003 & 2004.



* At a different department from the one where they received their Master's degree.

Employer distribution of full-time US employed physics master's, classes of 2003 & 2004.



Features that Distinguish a Professional Master's in Physics

- Ø Active external advisory committee
- Ø Require coursework outside the physics department
- Ø Require an internship off campus
- Ø Cater to part-time students, e.g. many evening classes

Thank You