



A sampling of recent data collected by
AIP's Statistical Research Center

Status of Physics PhDs One Year After Degree, Classes of 2019 & 2020 Combined

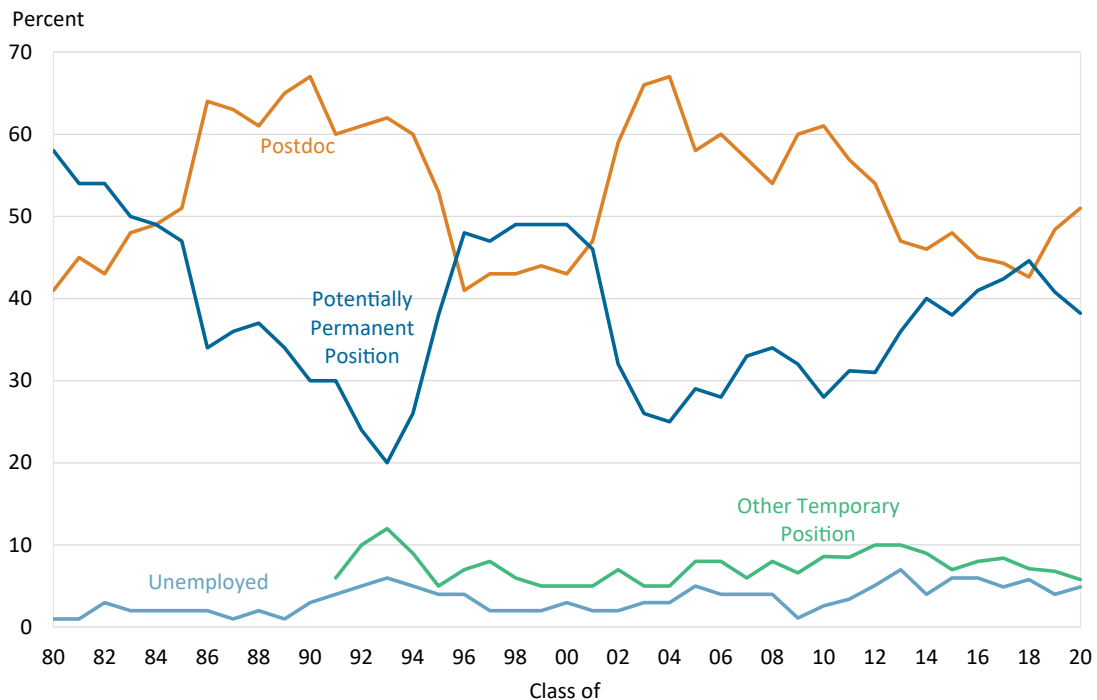


Figure based on 1,891 individuals.

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Initial Employment of Physics PhDs, 1980 through 2020



In 1991, the survey questionnaire was changed to measure "other temporary" employment as a separate category. Data are limited to PhDs who earned their degrees from a US university and remained in the US.

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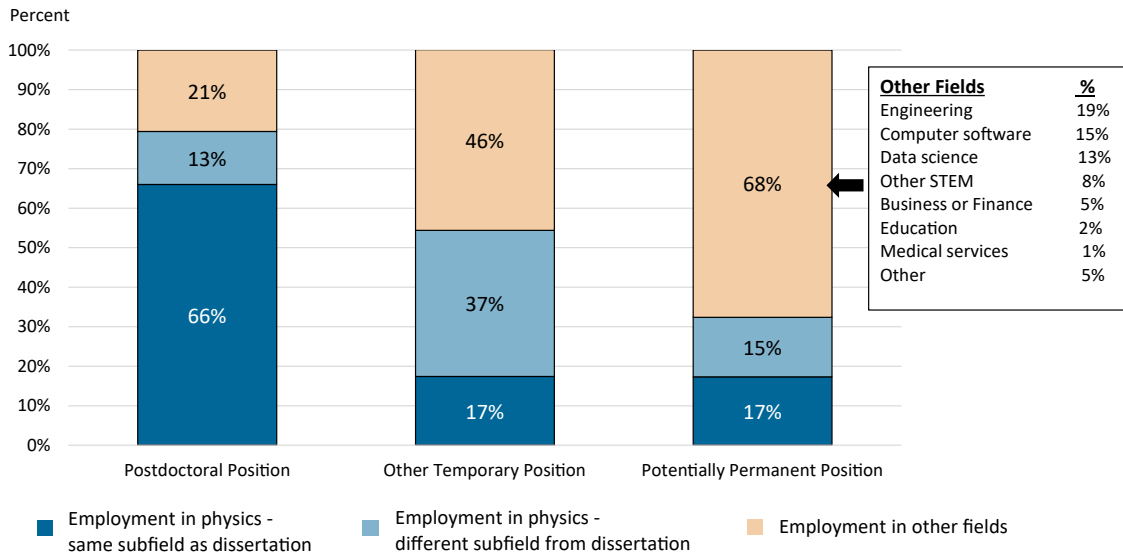
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Type of Employment of New Physics PhDs by Employment Sector, Classes of 2019 & 2020 Combined

Sector of Employment	Initial Employment Type			Overall %
	Postdoc %	Potentially Permanent %	Other Temporary %	
Academic	73	18	62	49
Private	1	70	30	32
Government	23	8	3	15
Other	3	4	5	4
	100%	100%	100%	100%

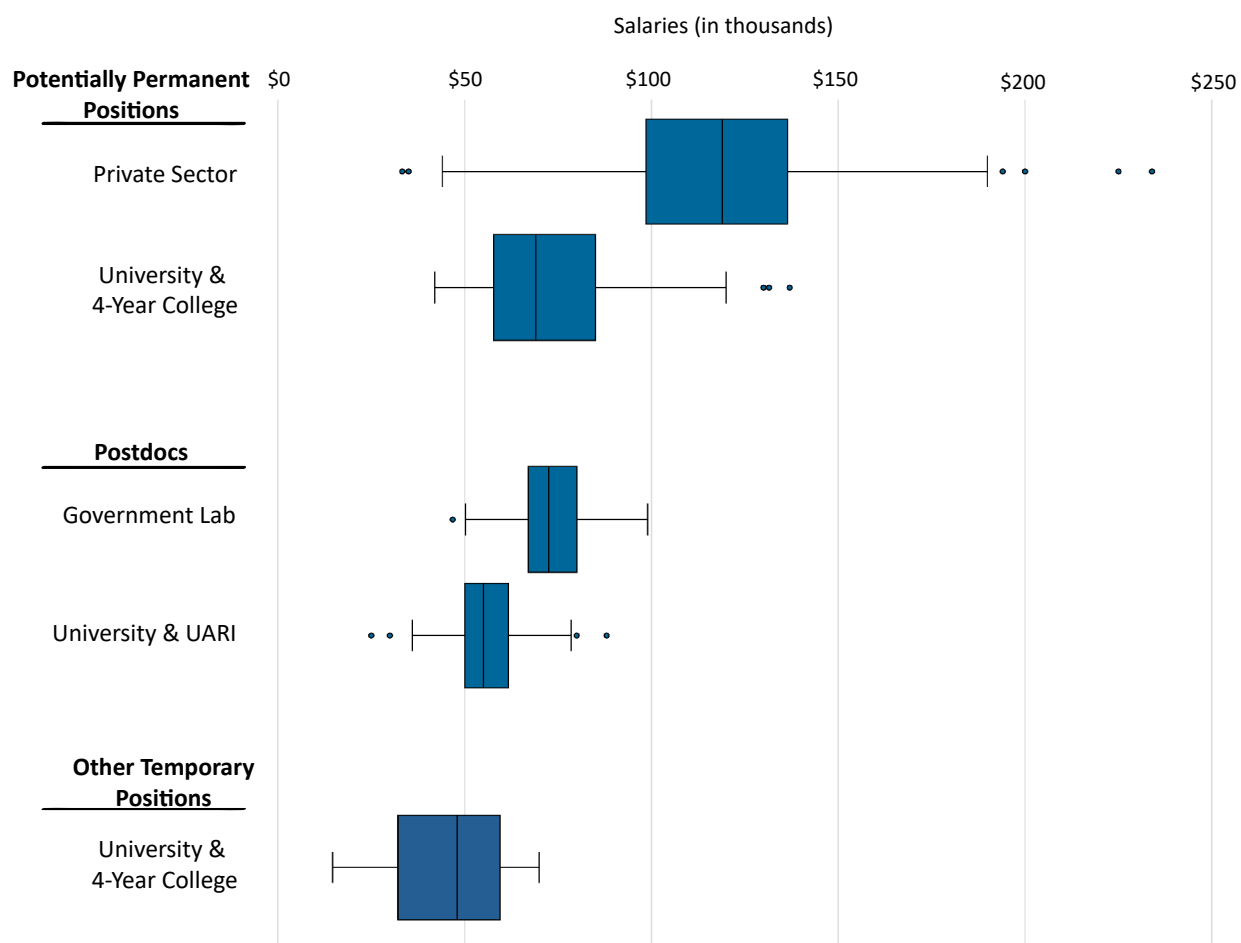
Note: Data includes only US-educated physics PhDs who remained in the US after earning their degrees. Data are based on the responses of 809 postdocs, 650 individuals working in potentially permanent positions, and 99 individuals working in “other temporary positions.”

Employment Field of New Physics PhDs, Classes of 2019 & 2020 Combined



Note: Employment in physics means an individual's primary or secondary employment field was in physics or astronomy. Data includes only US-educated PhDs who remained in the US after earning their degrees.

Starting Salaries for New Physics PhDs, Classes of 2019 & 2020 Combined



Data represents only US-educated PhDs who remained in the US after earning their degrees. The full starting salary range, excluding outliers, is represented by the lines extending to each side of the box. The box represents the middle 50% (25th to 75th percentile) of the salaries. The vertical line within the box represents the median starting salary for the sector. The dots outside of the bars are statistical outliers. Government Lab includes federally funded research and development centers, e.g., Los Alamos National Laboratory. UARI is university affiliated research institute. The data for PhDs holding potentially permanent positions in academia include salaries based on 9-10 and 11-12 month commitments and have not been adjusted. Data are based on respondents holding potentially permanent positions in the private sector (192) and in universities and 4-year colleges (37), postdocs in government labs (101) and universities and UARIs (277), and “other temporary positions” in universities and 4-year colleges (17).

Status of Physics Bachelors One Year After Degree, Classes of 2019 & 2020 Combined

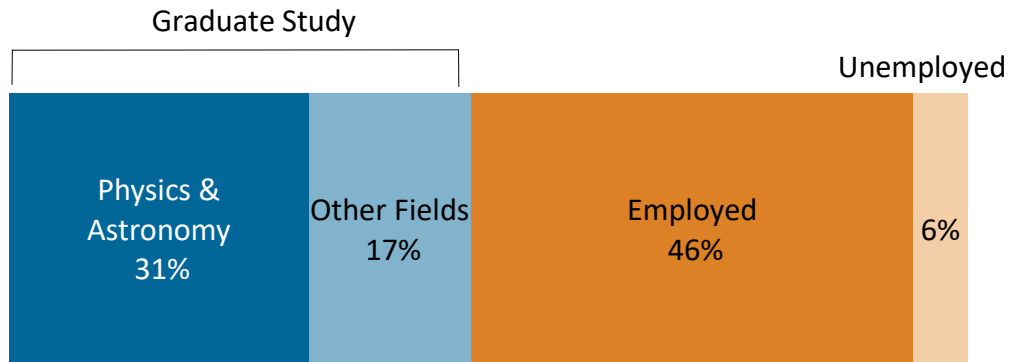
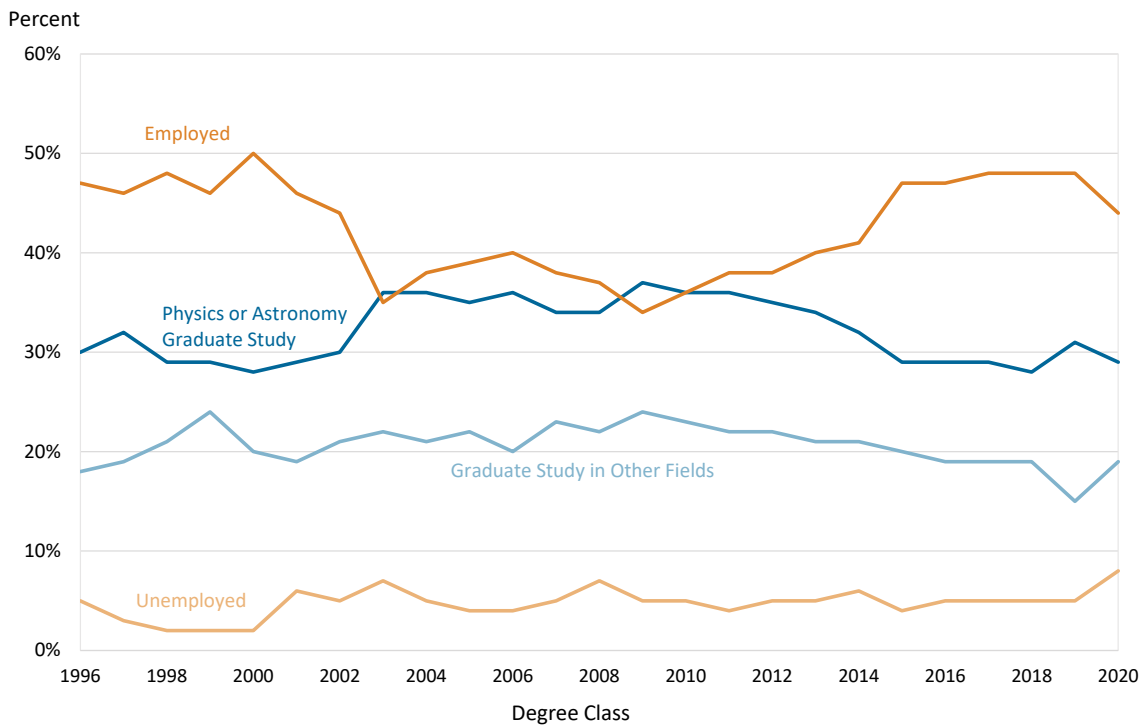


Figure based on 5,764 individuals.

Status of Physics Bachelors One Year After Degree, Classes 1996 through 2020



Field of Graduate Study for Physics Bachelors One Year After Degree, Classes of 2019 & 2020 Combined

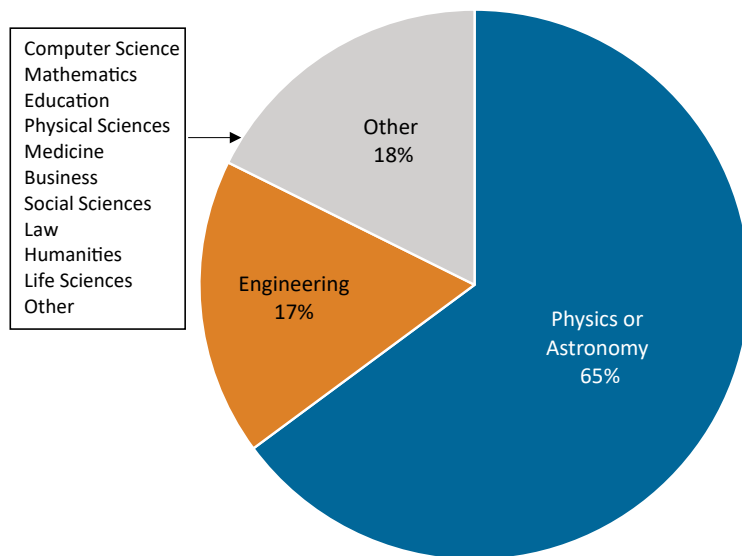
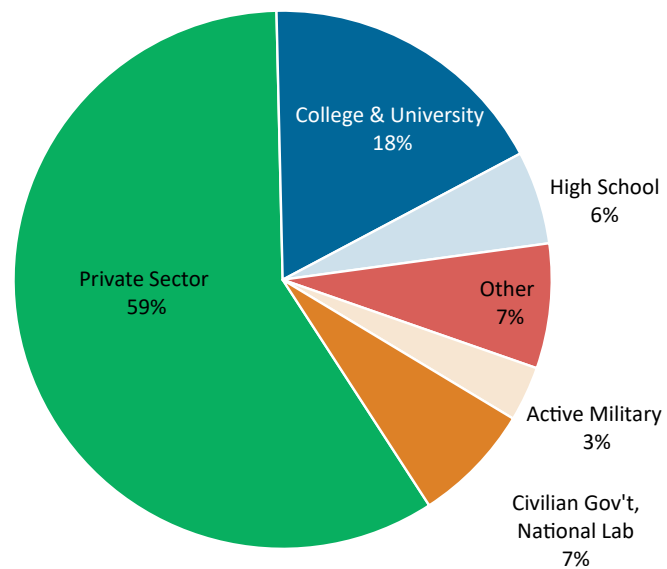
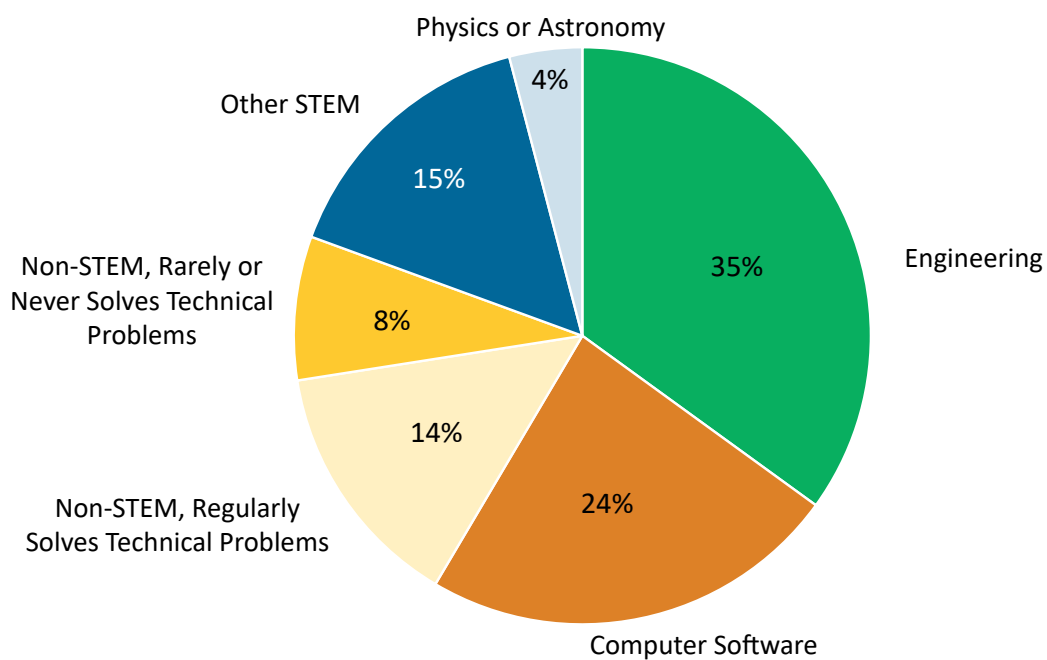


Figure based on responses from 2,593 physics bachelors degree recipients who indicated that they continued into graduate study.

Initial Employment Sectors of New Physics Bachelors, Classes of 2019 & 2020 Combined



Field of Employment for New Physics Bachelors in the Private Sector, Classes of 2019 & 2020 Combined



STEM refers to natural science, technology, engineering and mathematics. Regularly solving technical problems refers to respondents who selected "Daily", "Weekly", or "Monthly" on a four-point scale that also included "Rarely or Never".

Starting Salaries for New Physics Bachelors, Classes of 2019 & 2020 Combined

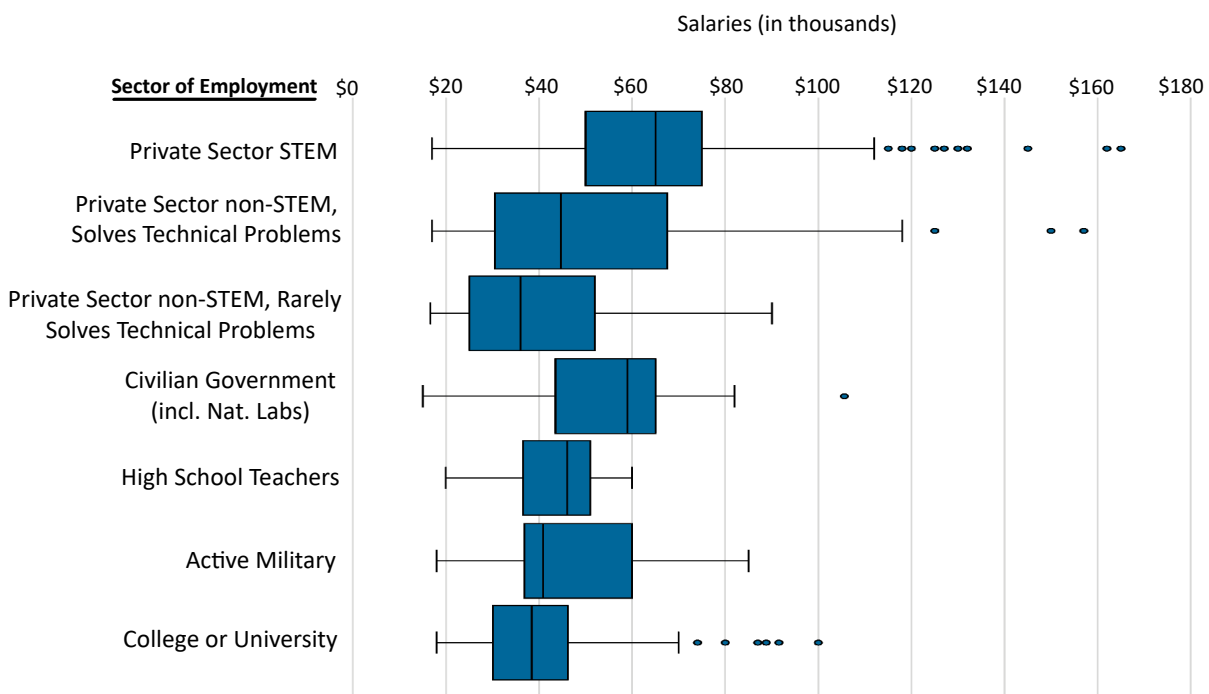
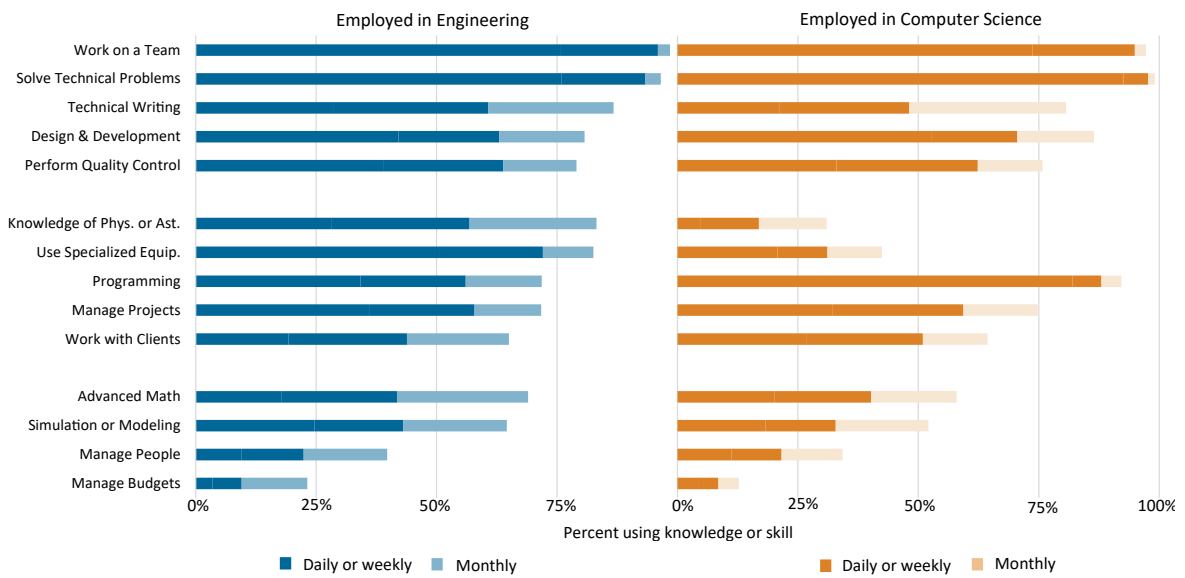


Figure only includes bachelors in full-time, newly accepted positions. The full starting salary range is represented by the lines extending to each side of the box. The box represents the middle 50% (25th to 75th percentile) of the salaries. The vertical line within the box represents the median starting salary for the sector. The dots outside of the lines are statistical outliers. Solves technical problems refers to respondents who selected “Daily”, “Weekly”, or “Monthly” on a four-point scale that also included “Rarely or Never” when asked how frequently they solved technical problems in their position.

Knowledge and Skills Used by New Physics Bachelors Employed in the Private Sector, Classes of 2019 & 2020 Combined



Percentages represent the physics bachelors who choose "daily", "weekly", or "monthly" on a four point scale that also included "never or rarely".

INITIAL EMPLOYMENT: PHYSICS BACHELORS AND PHDs

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