

THE 2016 HPS SALARY SURVEY

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Introduction

The 2016 Health Physics Society (HPS) survey data was collected by having health physicists (HPs) submit their responses to survey questions on a web-based data entry form. As was done in previous years, data was collected in conjunction with a salary survey of Certified Health Physicists (CHPs).

The CHP salary survey results were reported separately in the CHP News.

The survey was also available in hardcopy form for those who preferred to fax or mail their responses.

Questions about this survey should be directed to **Stephen L. Bump**, via email: steve.bump@dademoeller.com

Data Analysis

The salary ranges marked by HPs on the completed survey forms were rounded to the midpoints of those ranges before statistical analyses were performed. For

example, if a HP marked the salary range \$50,000 to \$52,499; their salary was rounded to the midpoint value of \$51,250.

Responses from HPs who were either part time or retired were not analyzed, since the data did not appear to allow meaningful comparisons to be made.

To minimize skewing the results, data from survey respondents were excluded from the data analysis if they indicated that they earned more than \$250,000 per year.

HP salaries by region are also presented in this report.

Data Presentation

In an effort to make the results of the survey interesting and useful, HPs were subcategorized in several ways by education, primary job responsibility, years of experience, and combinations of these subcategories.

Readers are advised that for statistical validity, results

were given only if there were 10 or more HPs within that subcategory. Data presented for one subcategory of HPs may not be possible for another subcategory. On the bright side, there were more respondents in 2016 versus 2015. This is the second straight year for an increase in respondents.

The subcategories in the tables may also change from year to year, depending on the number of responses received. Every effort was made to keep the subcategories consistent with previous surveys, but if there were less than 10 HPs the results were not given.

Tables and Figures

Tables show results for full-time HPs who received health, vacation, and retirement benefits from their primary employer unless otherwise noted.

Histograms of the data shown in Table 1- All HPs, and Table 2 - Masters Health Physics are included as Figures 1 and 2 respectively.

All of the following tables are for fulltime HPs with health, vacation, and retirement benefits unless otherwise indicated.

Table 1: All HPs

All HPs	Count	Average	Median	Max	Min	Std Dev
HPs	284	\$108,150	\$100,000	\$250,000	\$ 23,750	\$42,633

Table 2: HPs by Education and Field

Education	Count	Average	Median	Max	Min	Std Dev
Bachelor HP	28	\$102,455	\$90,000	\$220,000	\$33,750	\$45,055
Bachelor Other	58	\$91,659	\$90,000	\$220,000	\$23,750	\$36,350
Masters HP	79	\$110,506	\$101,250	\$250,000	\$38,750	\$39,055
PhD All	47	\$121,612	\$123,750	\$222,500	\$53,750	\$45,361
PhD HP	16	\$107,500	\$95,000	\$186,250	\$63,750	\$35,298

Table 3: HPs by Education and < 6 Years Experience

Edu & <6 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All HPs & <6 yrs Experience	65	\$85,384	\$81,250	\$220,000	\$23,750	\$31,811
Bachelors All Fields	18	\$75,903	\$73,750	\$220,000	\$23,750	\$41,612
Masters HP	22	\$82,159	\$82,500	\$126,250	\$43,750	\$20,508
Masters Other	15	\$88,417	\$93,750	\$126,250	\$53,750	\$ 20,351
PhD All	10	\$105,000	\$103,750	\$166,250	\$56,250	\$40,642

Table 4: HPs by Education and 6-15 Years Experience

Edu & 6-15 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All HPs	59	\$95,403	\$93,750	\$153,750	\$43,750	\$27,223
Bachelors All Fields	23	\$85,598	\$86,250	\$153,750	\$43,750	\$30,134
Masters HP	16	\$101,094	\$96,250	\$146,250	\$66,250	\$22,499
Masters Other	13	\$103,942	\$111,250	\$138,750	\$51,250	\$26,090

Table 5: HPs by Education and >15 Years Experience

Edu & >15 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All HPs	154	\$123,416	\$118,750	\$250,000	\$26,250	\$45,335
Bachelors HP	10	\$136,625	\$128,750	\$220,000	\$88,750	\$47,185
Bachelors Other	34	\$100,294	\$102,500	\$181,250	\$26,250	\$32,822
Masters HP	41	\$129,390	\$126,250	\$250,000	\$38,750	\$41,483
PhD HP	10	\$113,250	\$110,000	\$186,250	\$66,250	\$39,367
PhD Other	19	\$145,697	\$151,250	\$222,500	\$53,750	\$48,259

Table 6: HPs by U.S. Regions*

HPs by Region	Count	Average	Median	Max	Min	Std Dev
Northeast	37	\$109,088	\$112,250	\$222,500	\$26,250	\$43,634
Midwest	40	\$101,819	\$95,000	\$234,000	\$28,750	\$43,610
South	89	\$115,978	\$106,250	\$250,000	\$43,750	\$41,754
West	72	\$102,569	\$93,750	\$203,750	\$23,750	\$39,285

*- The four major regions of the United States as defined by the U.S. Census Bureau for which data are presented represent groups of states as follows:

Northeast. Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont.

Midwest. Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, Wisconsin.

South. Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia.

West. Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming.

Table 7: Masters Health Physics and Primary Employer

Masters Health Physics & Primary Employer	Count	Average	Median	Max	Min	Std Dev
Federal	16	\$114,219	\$115,000	\$161,250	\$63,750	\$33,643
Medical	11	\$117,386	\$126,250	\$158,750	\$81,250	\$26,725

Table 8: All HPs by Other Certifications

All HPs by Other Certifications	Count	Average	Median	Max	Min	Std Dev
NRRPT	43	\$116,453	\$108,750	\$220,000	\$51,250	\$39,328
ABR	10	\$178,150	\$187,500	\$234,000	\$113,750	\$40,070
Other	16	\$147,125	\$133,750	\$250,000	\$48,750	\$62,018

Table 9: Masters Health Physics and Primary Job Responsibility

Masters Health Physics & Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Applied Health Physics	12	\$96,042	\$90,000	\$161,250	\$66,250	\$26,295
Medical Health Physics	14	\$128,482	\$128,750	\$250,000	\$38,750	\$50,336

Table 10: All HPs by Primary Job Responsibility

Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Administration	15	\$109,583	\$108,750	\$201,250	\$43,750	\$42,423
Applied Health Physics	60	\$97,708	\$93,750	\$181,250	\$43,750	\$31,155
Dosimetry	20	\$97,750	\$90,000	\$158,750	\$26,250	\$37,314
Education	10	\$108,000	\$107,500	\$183,750	\$51,250	\$42,770
Emergency Preparedness	15	\$110,417	\$108,750	\$166,250	\$41,250	\$41,851
Environmental	16	\$104,844	\$100,000	\$156,250	\$56,250	\$32,493
Medical Health Physics	42	\$130,560	\$121,250	\$250,000	\$38,750	\$51,086
Radiological Assessment	15	\$104,417	\$91,250	\$71,250	\$43,750	\$34,840
Regulations & Standards	21	\$109,821	\$106,250	\$201,250	\$23,750	\$46,203

Table 11: HPs as Professional Staff (All HPs in this category and by Education)

HPs as Professional Staff	Count	Average	Median	Max	Min	Std Dev
All HPs in this Category	149	\$102,886	\$96,250	\$250,000	\$26,250	\$39,457
Bachelors HP	14	\$91,786	\$87,500	\$183,750	\$48,750	\$34,671
Bachelors Other	25	\$92,200	\$81,250	\$220,000	\$26,250	\$38,469
Masters HP	45	\$100,611	\$98,750	\$250,000	\$38,750	\$35,102
Masters Other	30	\$110,625	\$100,000	\$250,000	\$51,250	\$43,952
PhD HP	10	\$ 101,250	\$93,750	\$148,750	\$63,750	\$32,124
PhD Other	20	\$ 121,375	\$123,750	\$198,750	\$53,750	\$46,964

Table 12: HPs as Supervisor of Professional Staff (All HPs in this category and by Education)

HPs as Supervisor of Professional Staff	Count	Average	Median	Max	Min	Std Dev
All HPs in this Category	36	\$126,424	\$122,500	\$222,500	\$56,250	\$40,550

Table 13: All HPs as Facility Manager, RPM/RSO, University RSO

HPs as RPM/RSO	Count	Average	Median	Max	Min	Std Dev
All HPs as RPM/RSO	28	\$119,688	\$105,000	\$220,000	\$43,750	\$42,011
University RSO	19	\$ 80,461	\$81,250	\$26,250	\$43,750	\$21,000
Medical RSO	21	\$ 129,631	\$123,750	\$234,000	\$66,250	\$43,882

Figure 1: Histogram of Table 1 Data, all HPs

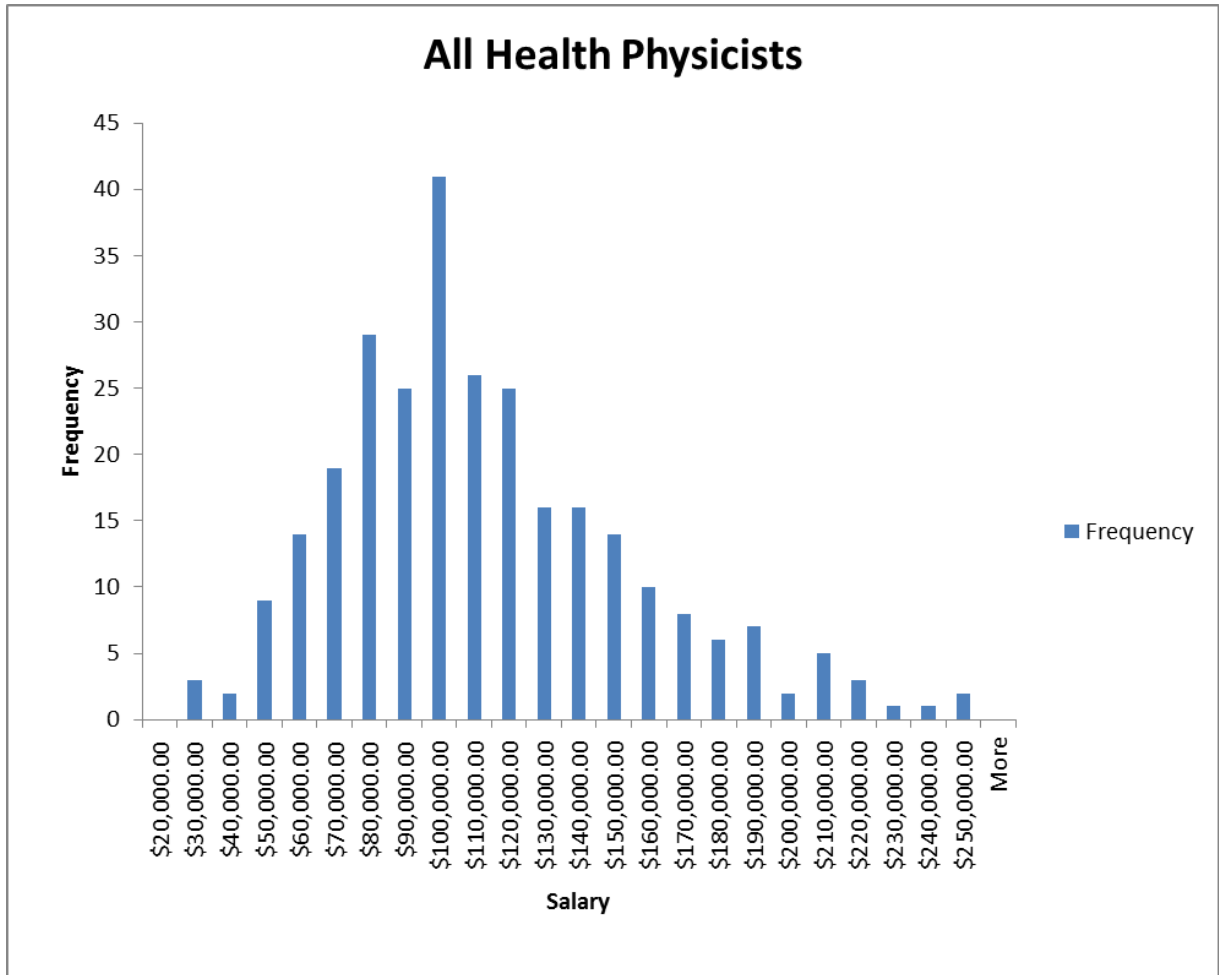
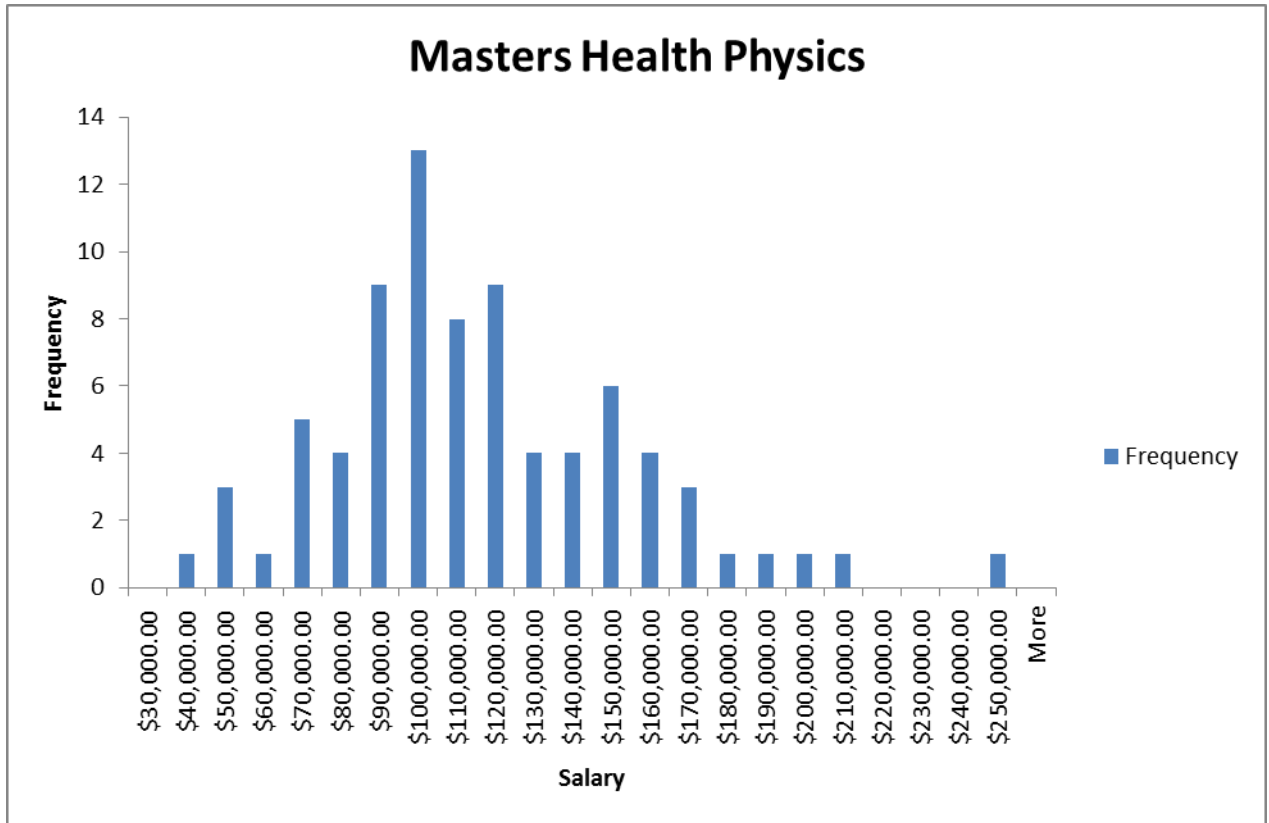


Figure 2: Histogram of Table 2 Data, Masters Health Physics HPs



Acknowledgements

Thank you for participating in this survey. Your confidential data benefits the entire health physics community, and is never shared such that it would be possible to identify individual participants.