THE 2014 HPS SALARY SURVEY

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Introduction

The 2014 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 will be 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@moellerinc.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 an HP marked the salary range $50,000 to $52,499, his or her 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 three survey respondents were excluded from the data analysis because they indicated that they earned more than $225,000 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. There were approximately 20% fewer respondents in 2014 than in 2013, for example.

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 fewer 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 in Table 2–Master's Health Physics are included as Figures 1 and 2 respectively.

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

Table 1: All HPs

All HPs	Count	Average	Median	Max	Min	Std Dev
HPs	205	$103,872	$101,250	$183,750	$38,750	$30,873

Table 2: HPs by Education and Field

Education	Count	Average	Median	Max	Min	Std Dev
Bachelor's - HP	26	$94,808	$92,500	$176,250	$43,750	$31,750
Bachelor's - Other	49	$97,015	$88,750	$178,750	$38,750	$30,996
Master's - HP	62	$110,202	$108,750	$183,750	$51,250	$33,220
Master's - Other	40	$105,688	$102,500	$163,750	$51,250	$27,371
Master's - Nuclear Engineering	11	$113,977	$108,750	$163,750	$78,750	$30,320
PhD - All	23	$107,880	$106,250	$156,250	$51,250	$27,434

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	35	$79,893	$81,250	$108,750	$43,750	$16,023
Bachelor's - all Fields	12	$80,625	$78,750	$101,250	$43,750	$17,325
Master's - HP	13	$78,173	$78,750	$108,750	$51,250	$ 15,684

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

Edu & 6-15 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All HPs 6-15 Yrs Experience	50	$92,550	$86,250	$158,750	$38,750	$26,998
Master's - HP	12	$113,750	$107,500	$176,250	$66,250	$29,867

Table 5: HPs by Education and >15 Years Experience

Edu & >15 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
Bachelor's - HP	12	$113,750	$107,500	$176,250	$66,250	$29,867
Bachelor's - Other	30	$105,583	$105,000	$178,750	$56,250	$33,081
Master's - HP	38	$124,605	$127,500	$183,750	$61,250	$29,565
Master's - Other	23	$110,924	$111,250	$163,750	$61,250	$26,169
PhD - All	11	$124,886	$128,750	$156,250	$78,750	$22,841

Table 6: HPs by U.S. Regions*

HPs by Region	Count	Average	Median	Max	Min	Std Dev
Northeast	38	$96,974	$91,250	$181,250	$43,750	$31,013
Midwest	34	$97,426	$95,000	$176,250	$51,250	$27,942
South	59	$108,496	$103,750	$183,750	$38,750	$34,708
West	49	$108,648	$103,750	$176,250	$58,750	$28,020

*****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: Master's Health Physics and Primary Employer

Master's Health Physics & Primary Employer	Count	Average	Median	Max	Min	Std Dev
Medical	15	$118,250	$126,250	$181,250	$63,750	$34,255
Federal	13	$118,250	$116,250	$183,750	$58,750	$32,580
University	14	$86,071	$86,250	$141,250	$51,250	$23,747

Table 8: All HPs by Other Certifications

All HPs by Other Certifications	Count	Average	Median	Max	Min	Std Dev
NRRPT	32	$107,031	$100,000	$176,250	$58,750	$32,276
Other	53	$116,486	$111,250	$181,250	$61,250	$30,138

Table 9: Master's Health Physics and Primary Job Responsibility

Master's Health Physics & Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Applied Health Physics	11	$102,386	$91,250	$146,250	$63,750	$29,651
Medical Health Physics	11	$128,295	$131,250	$181,250	$68,750	$31,481

Table 10: All HPs by Primary Job Responsibility

Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Administration	13	$104,135	$106,250	$133,750	$66,250	$25,635
Applied Health Physics	47	$101,144	$96,250	$176,250	$51,250	$29,461
Dosimetry	10	$118,000	$123,750	$146,250	$68,750	$25,001
Environmental	17	$106,250	$106,250	$136,250	$51,250	$24,431
Instrumentation	11	$90,568	$86,250	$146,250	$38,750	$31,127
Medical Health Physics	19	$118,487	$118,750	$181,250	$61,250	$30,888
Radiological Assessment	17	$97,721	$93,750	$181,250	$61,250	$29,844
Regulations/Standards	16	$106,406	$100,000	$178,750	$43,750	$33,757

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	107	$101,110	$101,250	$81,250	$51,250	$29,954
Bachelor's - Health Physics	14	$84,643	$77,500	$133,750	$61,250	$24,191
Bachelor's - Other Field	25	$97,450	$96,250	$151,250	$51,250	$27,803
Master's - Health Physics	33	$103,068	$101,250	$181,250	$51,250	$31,327
Master's - Other Field	18	$109,861	$110,000	$163,750	$51,250	$34,001

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	21	$112,083	$111,250	$181,250	$71,250	$30,744

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

HPs as RPM/RSO	Count	Average	Median	Max	Min	Std Dev
All HPs - RPM/RSO	28	$110,268	$105,000	$176,250	$68,750	$26,860
All HPs - University RSO	19	$89,145	$83,750	$148,750	$61,250	$23,322
All HPs - Medical RSO	15	$116,417	$118,750	$151,250	$61,250	$26,057

Figure 1: **Histogram of Table 1 Data, all HPs**

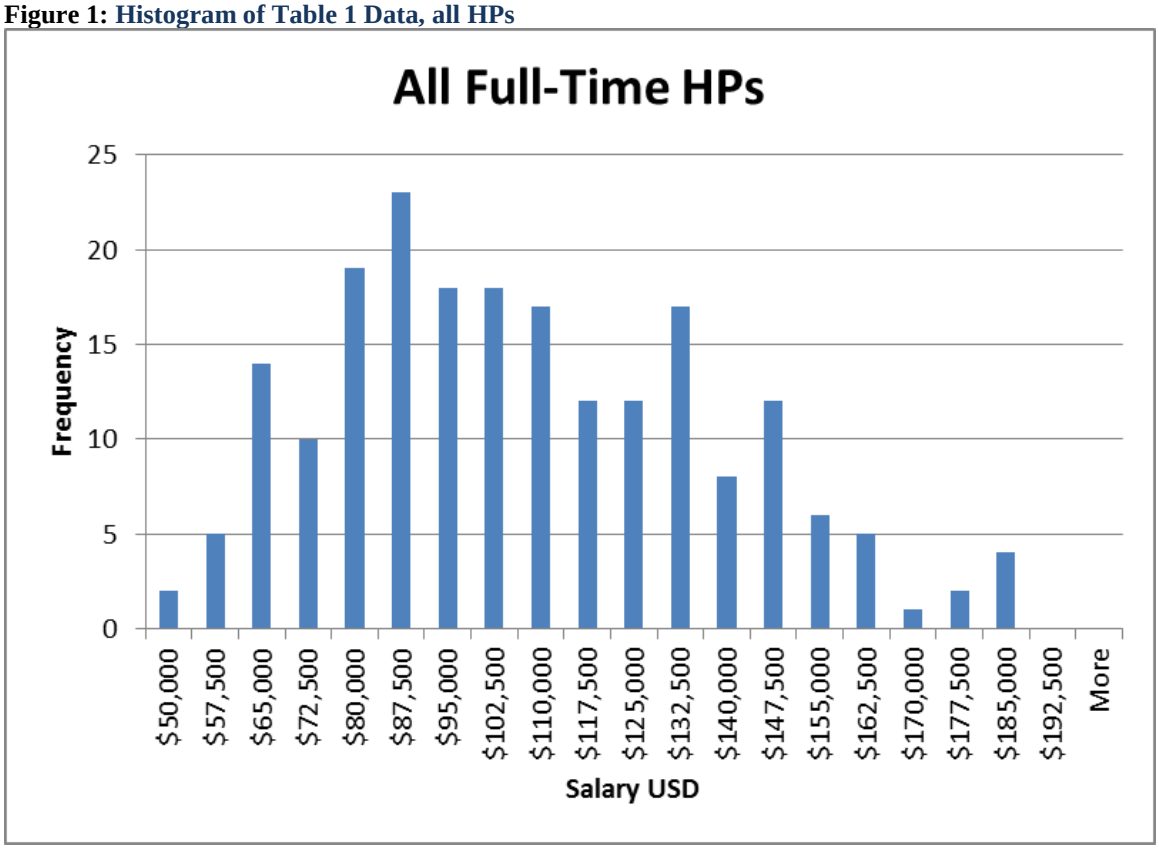
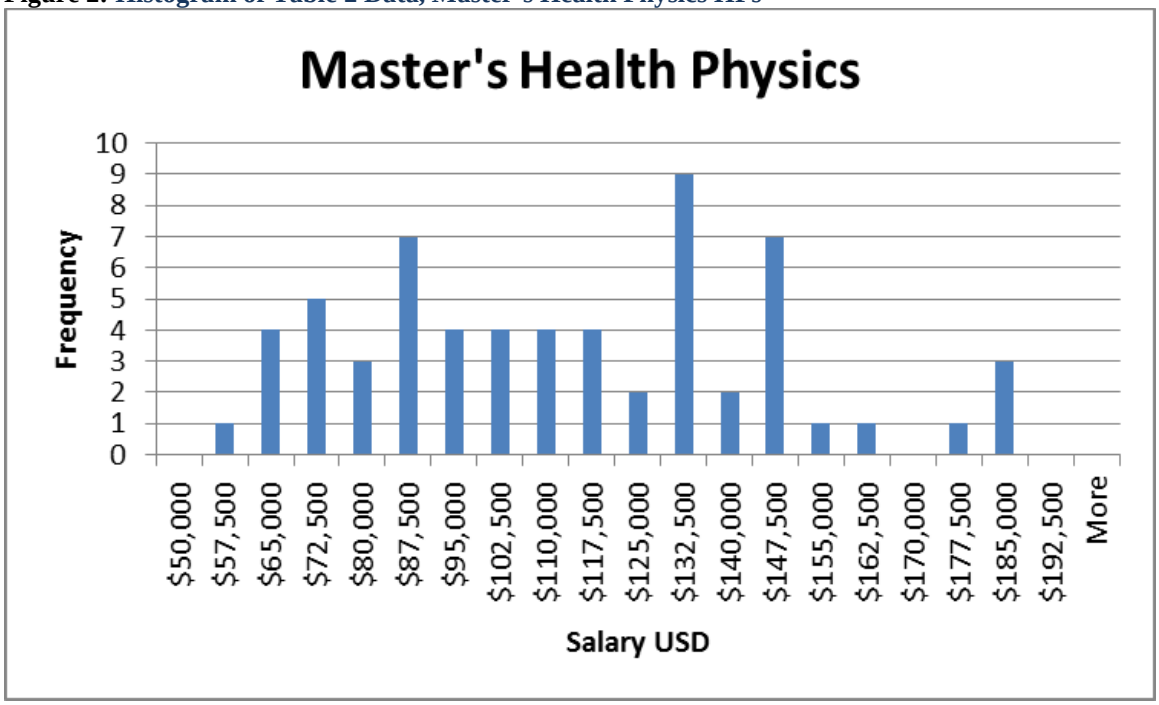


Figure 2: **Histogram of Table 2 Data, Master's Health Physics HPs**



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.