

THE 2013 HPS SALARY SURVEY

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Introduction

The 2013 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 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 three survey respondents were excluded from the data analysis because they indicated that they earned less than \$45,000 or more than \$205,000 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.

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	260	\$113,702	\$111,250	\$203,750	\$51,250	\$32,382

Table 2: HPs by Education and Field

Education	Count	Average	Median	Max	Min	Std Dev
Bachelors Health Physics	17	\$94,632	\$81,250	\$146,250	\$56,250	\$33,130
Bachelors Other Field	41	\$101,311	\$98,250	\$173,250	\$56,250	\$25,072
Masters Health Physics	82	\$119,817	\$115,000	\$203,750	\$51,250	\$33,252
Masters Other Field	43	\$107,006	\$98,750	\$181,250	\$61,250	\$32,566
Masters Nuclear Engineering	15	\$119,083	\$121,250	\$171,250	\$61,250	\$35,011
Ph.D. Health Physics	20	\$126,375	\$128,750	\$201,250	\$58,750	\$35,868
Ph.D. Other Field	19	\$131,118	\$133,750	\$156,250	\$71,250	\$22,615

Table 3: HPs by Education and < 6 Years Experience

Edu & < 6Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All HPs < 6 yrs Experience	36	\$79,444	\$72,500	\$156,250	\$51,250	\$23,312
Bachelors – All Fields	12	\$80,208	\$77,500	\$131,250	\$56,250	\$12,279
Masters Health Physics	10	\$79,750	\$72,500	\$116,250	\$51,250	\$19,903

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	36	\$103,194	\$100,000	\$166,250	\$51,250	\$23,312
Masters Health Physics	12	\$110,625	\$103,750	\$158,750	\$86,250	\$22,966

Table 5: HPs by Education and >15 Years Experience

Edu & >15 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All HPs >15 yrs Experience	185	\$112,520	\$121,250	\$203,250	\$56,250	\$29,838
Bachelors Other Field	28	\$105,089	\$102,500	\$173,750	\$163,750	\$25,788
Masters Health Physics	59	\$129,343	\$128,750	\$203,750	\$56,250	\$30,841
Masters Other Field	29	\$113,233	\$111,250	\$181,250	\$61,250	\$31,427
Ph.D. Other Field	14	\$129,464	\$135,000	\$156,250	\$71,250	\$25,047

Table 6: HPs by U.S. Regions*

HPs by Region	Count	Average	Median	Max	Min	Std Dev
Northeast	51	\$112,574	\$111,250	\$198,750	\$51,250	\$36,295
Midwest	42	\$113,750	\$111,250	\$176,250	\$61,250	\$28,084
South	85	\$114,574	\$116,250	\$201,250	\$51,250	\$32,706
West	51	\$116,789	\$118,750	\$203,750	\$58,750	\$30,002

*- 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
Medical	14	\$127,500	\$118,750	\$191,250	\$68,750	\$37,168
University	14	\$97,679	\$97,500	\$136,250	\$51,250	\$28,500

Table 8: All HPs by Other Certifications

All HPs by Other Certifications	Count	Average	Median	Max	Min	Std Dev
NRRPT	44	\$114,261	\$115,000	\$173,750	\$61,250	\$23,269
Other	30	\$134,667	\$131,250	\$191,250	\$61,250	\$33,020

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	21	\$121,904	\$113,750	\$203,750	\$71,250	\$32,846
Medical Health Physics	10	\$137,000	\$142,500	\$191,250	\$68,750	\$38,731

Table 10: All HPs by Primary Job Responsibility

Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Administration	16	\$136,250	\$136,250	\$176,250	\$76,250	\$23,148
Applied Health Physics	69	\$109,040	\$111,250	\$203,750	\$51,250	\$29,576
Dosimetry	27	\$109,028	\$111,250	\$156,250	\$51,250	\$29,009
Environmental	22	\$109,886	\$105,000	\$201,250	\$51,250	\$35,184
Medical Health Physics	19	\$131,382	\$148,750	\$191,250	\$61,250	\$41,311
Radiological Assessment	16	\$111,094	\$102,500	\$166,250	\$68,750	\$26,995
Regulations/Standards	23	\$117,337	\$121,250	\$181,250	\$61,250	\$33,969

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	133	\$107,453	\$106,250	\$191,250	\$51,250	\$30,412
Bachelors Health Physics	11	\$85,568	\$78,750	\$143,750	\$56,250	\$32,037
Bachelors Other Field	21	\$101,845	\$101,250	\$146,250	\$56,250	\$20,735
Masters Health Physics	41	\$109,787	\$111,250	\$191,250	\$51,250	\$29,726
Masters Other Field	20	\$99,500	\$98,750	\$148,750	\$51,250	\$29,726

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	43	\$127,297	\$128,750	\$203,750	\$69,750	\$30,307
Masters Health Physics	16	\$135,781	\$136,250	\$103,750	\$68,750	\$31,494

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	\$107,857	\$106,250	\$176,250	\$61,250	\$27,312
All HPs University RSO	14	\$97,143	\$87,500	\$136,250	\$71,250	\$21,564
All HPs Medical RSO	15	\$119,417	\$113,750	\$166,250	\$81,250	\$28,543

Figure 1: Histogram of Table 1 Data, all HPs

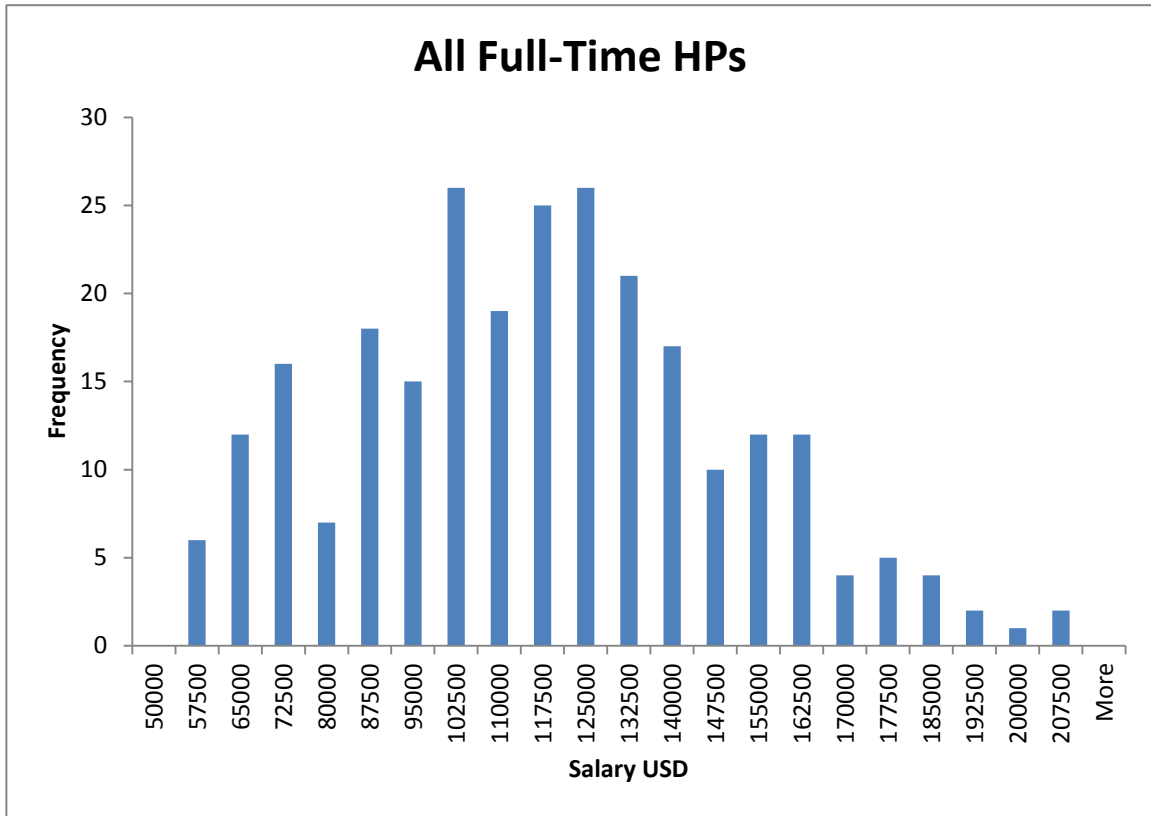
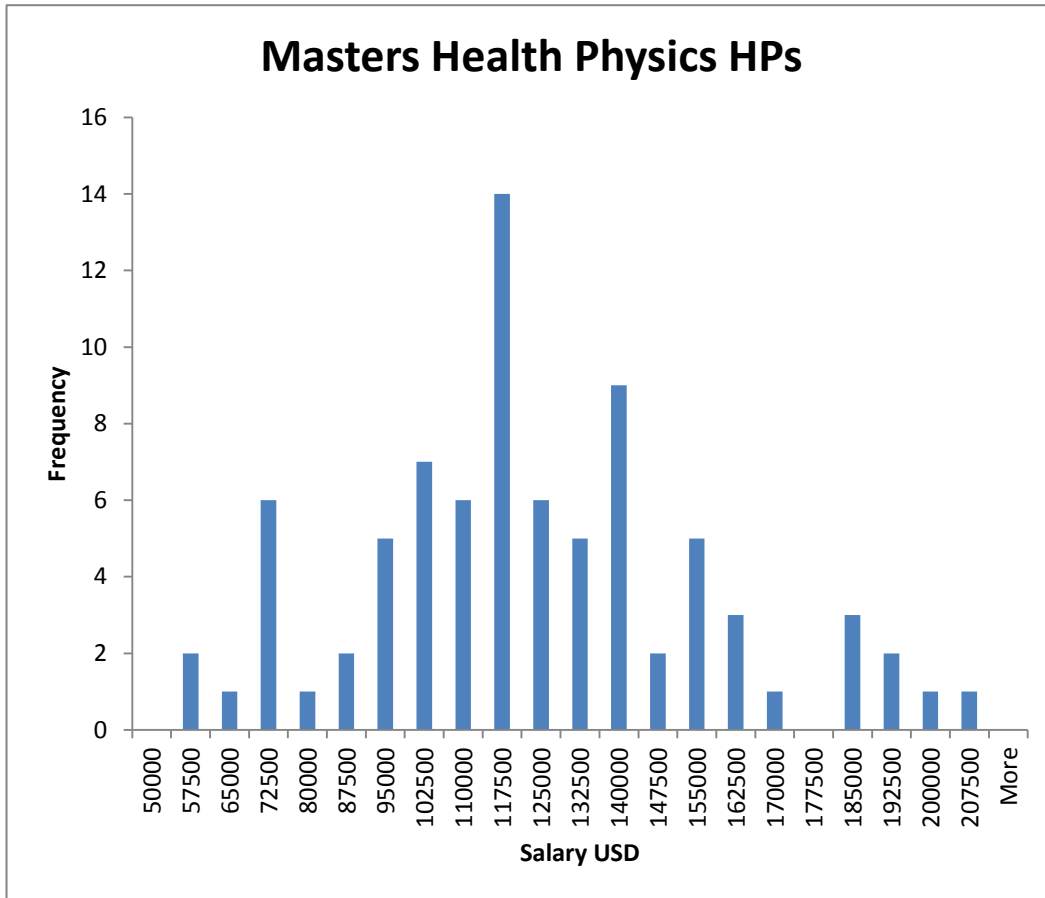


Figure 2: Histogram of Table 2 Data, Masters Health Physics HPs



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.