The 2017 CHP Salary Survey

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Introduction

The 2017 certified health physicist (CHP) survey data was collected by having CHPs 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 the entire Health Physics Society (HPS).

Data Analysis

The salary ranges marked by CHPs on the completed survey forms were rounded to the midpoints of those ranges before statistical analyses were performed. For example, if a CHP marked the salary range \$100,000 to \$102,499, their salary was rounded to the midpoint value of \$101,250.

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

To minimize skewing of the results, data from 12 survey respondents were excluded from the data analysis because they indicated that they earned less than \$62,500 or more than \$210,000 per year.

Of 38 respondents attaining American Board of Health Physics (ABHP) certification within the last two years, 74% did not receive a significant (10% or more) salary increase.

Of respondents receiving a significant (10% or more) salary increase upon attaining ABHP certification within the last two years, 30% received this increase from their current employer, 40% from a promotion with their current employer, 20% from a new employer, and 10% did not specify.

CHP salaries by region are also presented in this report.

Data Presentation

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

Readers are advised that (for statistical validity):

- Results were given only if there were 10 or more CHPs within that subcategory.
- Data presented for one subcategory of CHPs may not be possible for another subcategory.
- The subcategories in the tables may change from year to year, depending on the number of responses received.

Every effort was made to keep the subcategories consistent with previous surveys.

NOTE: Questions about this survey should be directed to Gary Lauten chpsalarysurvey@yahoo.com

Tables and Figures

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

Histograms of the data shown in Table 1 "All CHPs" and Table 2 "Master's Health Physics" are included as Figures 1 and 2, respectively.

Table 1: All CHPs

	Count	Average	Median	Max	Min	Std Dev
CHPs	229	\$138,380	\$138,750	\$210,000	\$66,250	\$28,521

Table 2: CHPs by Education and Field

	Count	Average	Median	Max	Min	Std Dev
Bachelor's Health Physics	13	\$120,481	\$131,250	\$146,250	\$66,250	\$25,421
Bachelor's Other Field	23	\$126,902	\$123,750	\$171,250	\$93,750	\$21,588
Master's Health Physics	114	\$139,726	\$140,000	\$207,500	\$66,250	\$29,302
Master's Other Field	23	\$141,902	\$143,750	\$178,750	\$96,250	\$22,965
Master's Nuclear Engineering	10	\$139,000	\$128,750	\$198,750	\$111,250	\$27,650
PhD Health Physics	21	\$144,702	\$143,750	\$196,250	\$106,250	\$28,902
PhD Other Field	12	\$136,250	\$141,250	\$181,250	\$88,750	\$28,920

Table 3: CHPs by Education and 6–15 Years of Experience

	Count	Average	Median	Max	Min	Std Dev
All CHPs 6–15 Years Experience	44	\$122,102	\$117,500	\$181,250	\$66,250	\$23,127
Master's Health Physics	21	\$119,702	\$113,750	\$166,250	\$86,250	\$20,317

Table 4: CHPs by Education and >15 Years of Experience

	Count	Average	Median	Max	Min	Std Dev
All CHPs >15 Years Experience	178	\$141,364	\$141,250	\$210,000	\$66,250	\$28,143
Bachelor's Other Field	22	\$127,841	\$126,250	\$171,250	\$93,750	\$21,610
Master's Health Physics	90	\$143,375	\$143,750	\$207,500	\$66,250	\$28,893
Master's Other Field	17	\$145,809	\$146,250	\$176,250	\$96,250	\$19,887
PhD Health Physics	18	\$149,444	\$147,500	\$196,250	\$106,250	\$28,515

Table 5: CHPs by U.S. Regions*

	Count	Average	Median	Max	Min	Std Dev
Northeast	36	\$139,757	\$135,000	\$207,500	\$66,250	\$32,253
Midwest	36	\$133,958	\$132,500	\$186,250	\$88,750	\$25,322
South	66	\$135,208	\$138,750	\$210,000	\$66,250	\$27,061
West	73	\$140,979	\$141,250	\$209,000	\$71,250	\$28,961

^{*}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 6: Master's Health Physics and Primary Employer

	Count	Average	Median	Max	Min	Std Dev
Federal Govern- ment	21	\$145,298	\$146,250	\$166,250	\$113,750	\$16,686
Medical	16	\$151,953	\$148,750	\$207,500	\$86,250	\$36,269
University	13	\$106,058	\$103,750	\$191,250	\$66,250	\$31,548
National Laboratory	19	\$139,934	\$138,750	\$198,750	\$101,250	\$26,410
Government Contractor	17	\$146,103	\$143,750	\$191,250	\$123,750	\$18,801

Table 7: All CHPs by Other Certifications

	Count	Average	Median	Max	Min	Std Dev
NRRPT*	43	\$134,041	\$131,250	\$198,750	\$71,250	\$25,226
PE**	10	\$149,500	\$145,000	\$196,250	\$101,250	\$28,700
Other	37	\$143,581	\$143,750	\$210,000	\$71,250	\$28,853

Table 8: Master's Health Physics and Primary Job Responsibility

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	Count	Average	Median	Max	Min	Std Dev	
Applied Health Physics	32	\$136,250	\$146,250	\$191,250	\$66,250	\$31,482	
Dosimetry	13	\$123,750	\$131,250	\$161,250	\$91,250	\$19,472	
Medical	10	\$170,375	\$178,750	\$207,500	\$103,750	\$32,307	
Regulations/Stan- dards	10	\$145,750	\$142,500	\$186,250	\$113,750	\$21,337	

Table 9: All CHPs by Primary Job Responsibility

	Count	Average	Median	Max	Min	Std Dev
Administration	11	\$145,341	\$141,250	\$198,750	\$113,750	\$26,464
Applied Health Physics	65	\$133,538	\$136,250	\$210,000	\$66,250	\$29,181
Dosimetry	22	\$126,364	\$127,500	\$176,250	\$91,250	\$21,664
Emergency Preparedness	10	\$142,500	\$142,500	\$198,750	\$93,750	\$27,895
Environmental	13	\$139,135	\$138,750	\$173,750	\$108,750	\$22,658
Instrumentation	10	\$132,750	\$127,500	\$191,250	\$103,750	\$24,444
Medical Health Physics	18	\$159,667	\$172,500	\$209,000	\$88,750	\$37,986
Radiological Assessment	11	\$141,477	\$143,750	\$196,250	\$98,750	\$27,442
Power Reactor	13	\$143,558	\$131,250	\$201,250	\$98,750	\$28,586
Regulations/Standards	17	\$141,250	\$141,250	\$186,250	\$108,750	\$19,546

Table 10: CHPs as Professional Staff (All CHPs in This Category and by Education)

	Count	Average	Median	Max	Min	Std Dev
All CHPs in This category	113	\$135,940	\$133,750	\$201,250	\$66,250	\$26,856
Master's Health Physics	56	\$138,839	\$136,250	\$201,250	\$78,750	\$27,985
Master's Other Field	11	\$142,841	\$143,750	\$178,750	\$98,750	\$22,172

Table 11: CHPs as Supervisor of Professional Staff (All CHPs in This Category and by Education)

	Count	Average	Median	Max	Min	Std Dev
All CHPs in This Category	49	\$137,934	\$138,750	\$198,750	\$88,750	\$25,741
Master's Health Physics	21	\$133,750	\$136,250	\$188,750	\$88,750	\$28,570

Table 12: All CHPs as Radiation Safety Officer (RSO)

	Count	Average	Median	Max	Min	Std Dev
All CHPs Radiation Protection Manager/RSO	21	\$142,560	\$143,750	\$173,750	\$101,250	\$20,595
All CHPs University RSO	10	\$115,750	\$107,500	\$196,250	\$66,250	\$38,583
All CHPs Medical RSO	13	\$158,462	\$151,250	\$210,000	\$108,750	\$28,340
All CHPs University-Medical RSO	11	\$147,523	\$138,750	\$209,000	\$88,750	\$43,080

Figure 1: Histogram of Table 1 Data, All CHPs

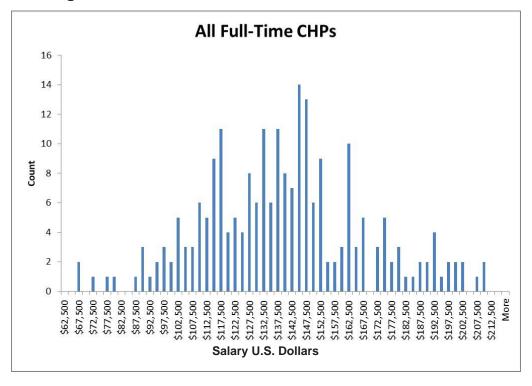
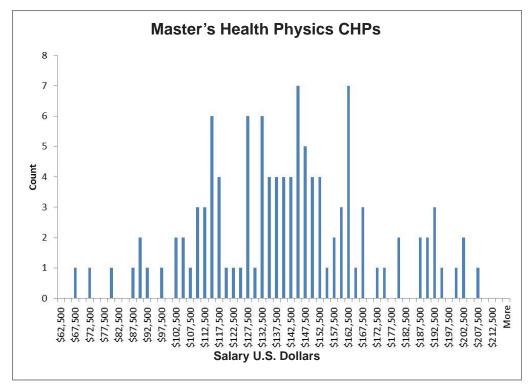


Figure 2: Histogram of Table 2 Data, Master's Health Physics CHPs



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.