

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

To minimize skewing the results, data from twelve 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.

December 2017

Of 38 respondents attaining 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% received this increase 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, and
- 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.

NOTE: Questions about this survey should be directed to Gary Lauten
chpsalariesurvey@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 - "Masters 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
Bachelors Health Physics	13	\$120,481	\$131,250	\$146,250	\$66,250	\$25,421
Bachelors Other Field	23	\$126,902	\$123,750	\$171,250	\$93,750	\$21,588
Masters Health Physics	114	\$139,726	\$140,000	\$207,500	\$66,250	\$29,302
Masters Other Field	23	\$141,902	\$143,750	\$178,750	\$96,250	\$22,965
Masters Nuclear Engineering	10	\$139,000	\$128,750	\$198,750	\$111,250	\$27,650
Ph.D. Health Physics	21	\$144,702	\$143,750	\$196,250	\$106,250	\$28,902
Ph.D. 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 yrs Experience	44	\$122,102	\$117,500	\$181,250	\$66,250	\$23,127
Masters 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 yrs Experience	178	\$141,364	\$141,250	\$210,000	\$66,250	\$28,143
Bachelors Other Field	22	\$127,841	\$126,250	\$171,250	\$93,750	\$21,610
Masters Health Physics	90	\$143,375	\$143,750	\$207,500	\$66,250	\$28,893
Masters Other Field	17	\$145,809	\$146,250	\$176,250	\$96,250	\$19,887
Ph.D. 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: Masters Health Physics and Primary Employer

	Count	Average	Median	Max	Min	Std Dev
Federal Government	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: Masters Health Physics and Primary Job Responsibility

	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/Standards	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 & 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
Masters Health Physics	56	\$138,839	\$136,250	\$201,250	\$78,750	\$27,985
Masters 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 & 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
Masters Health Physics	21	\$133,750	\$136,250	\$188,750	\$88,750	\$28,570

Table 12: All CHPs as RSO

	Count	Average	Median	Max	Min	Std Dev
All CHPs RPM/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-Med RSO	11	\$147,523	\$138,750	\$209,000	\$88,750	\$43,080

Figure 1: Histogram of Table 1 Data, all CHPs

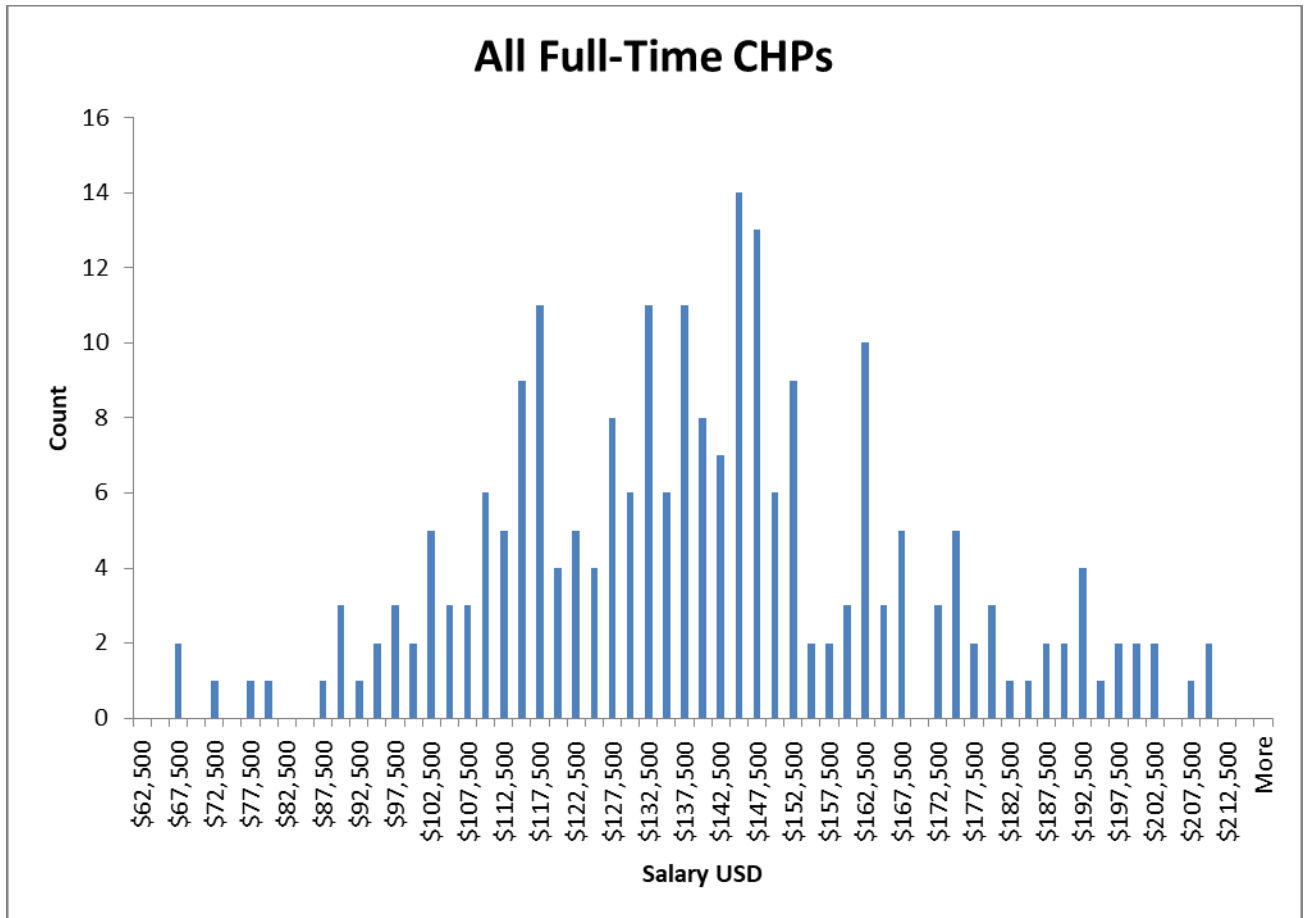
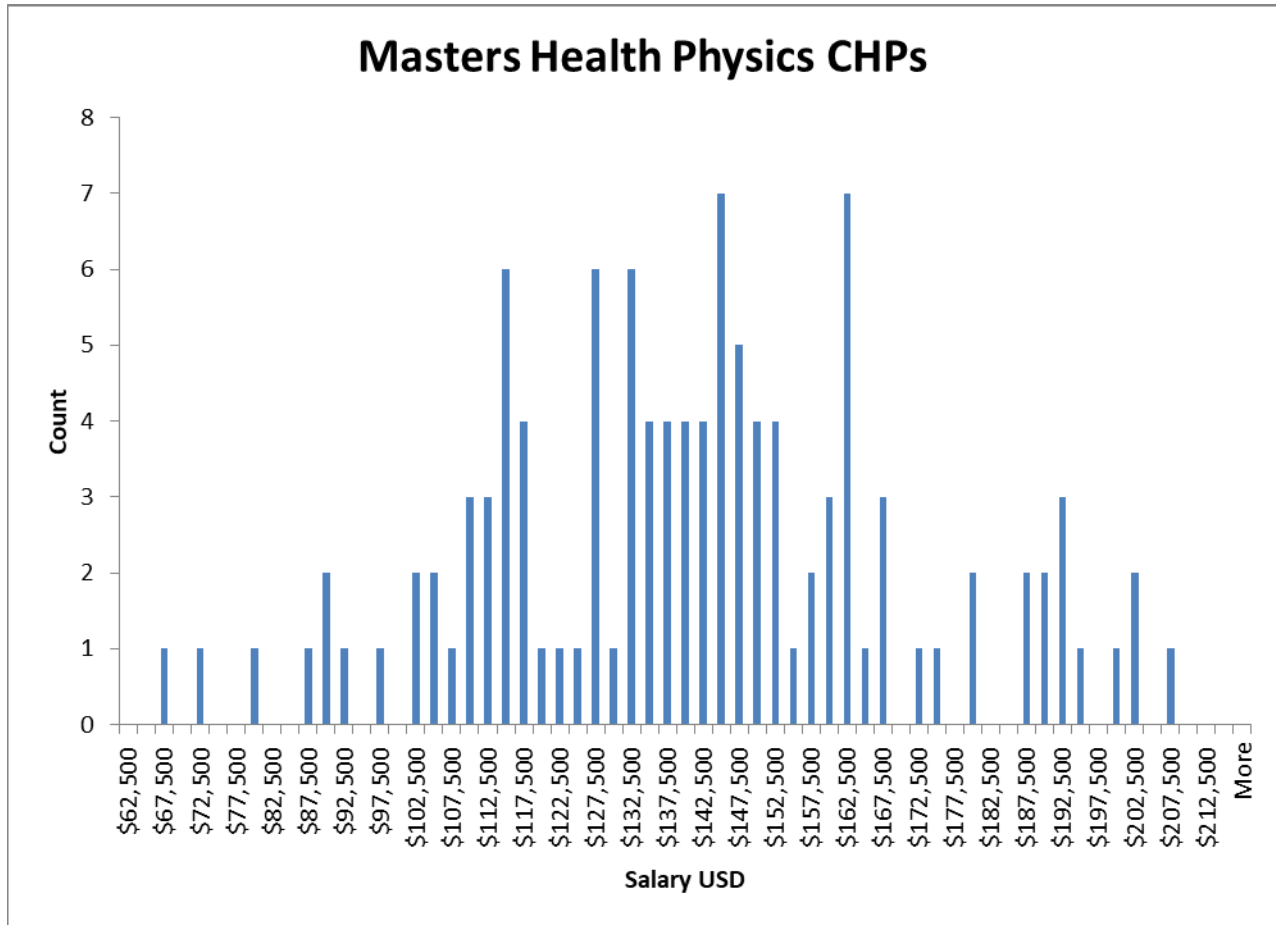


Figure 2: Histogram of Table 2 Data, Masters Health Physics CHPs



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.