

THE 2018 CHP SALARY SURVEY

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Introduction

The 2018 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).

The HPS salary survey results will be reported separately in the Health Physics Newsletter.

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 Gary Lauten, via email: chpsalariesurvey@yahoo.com

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 part time or 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.

Of 40 respondents attaining ABHP certification within the last two years, 68% did not receive a significant (10% or more) salary increase, whereas 32% did receive a significant salary increase.

Of respondents receiving a significant (10% or more) salary increase upon attaining ABHP certification within the last two years: 15% received this increase from their current employer, 62% from a promotion with their current employer, 23% received this increase from a new employer, and 0% (none) 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 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 CHPs within that subcategory. Data presented for one subcategory of CHPs 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 CHPs for a subcategory the results were not given.

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.

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

Table 1: All CHPs

All CHPs	Count	Average	Median	Max	Min	Std Dev
CHPs	228	\$138,852	\$140,000	\$210,000	\$66,250	\$30,532

Table 2: CHPs by Education and Field

Education	Count	Average	Median	Max	Min	Std Dev
Bachelors Health Physics	20	\$127,750	\$126,250	\$176,250	\$76,250	\$28,137
Bachelors Other Field	16	\$135,313	\$132,500	\$193,750	\$98,750	\$25,181
Masters Health Physics	104	\$140,428	\$142,500	\$210,000	\$66,250	\$30,883
Masters Other Field	26	\$136,058	\$137,500	\$203,750	\$71,250	\$34,021
Masters Nuclear Engineering	14	\$133,750	\$133,750	\$198,750	\$78,750	\$32,315
Ph.D. Health Physics	23	\$147,283	\$146,250	\$210,000	\$103,750	\$26,811

Table 3: CHPs by Education and 6-15 Years Experience

Edu & 6-15 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All CHPs 6-15 yrs Experience	55	\$118,659	\$118,750	\$193,750	\$73,750	\$24,865
Masters Health Physics	22	\$121,364	\$120,000	\$193,750	\$73,750	\$26,373

Table 4: CHPs by Education and >15 Years Experience

Edu & >15 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All CHPs >15 yrs Experience	171	\$145,304	\$146,250	\$210,000	\$66,250	\$29,308
Bachelors Health Physics	11	\$147,159	\$143,750	\$176,250	\$106,250	\$20,954
Bachelors Other Field	15	\$136,917	\$136,250	\$193,750	\$98,750	\$25,204
Masters Health Physics	81	\$146,027	\$146,250	\$210,000	\$66,250	\$29,985
Masters Other Field	11	\$142,303	\$146,250	\$203,750	\$71,250	\$31,889
Ph.D. Health Physics	21	\$149,643	\$148,750	\$210,000	\$103,750	\$26,894

Table 5: CHPs by U.S. Regions*

CHPs by Region	Count	Average	Median	Max	Min	Std Dev
Northeast	43	\$136,541	\$133,750	\$203,750	\$71,250	\$36,015
Midwest	34	\$136,250	\$137,500	\$181,250	\$78,750	\$23,589
South	71	\$137,922	\$138,750	\$210,000	\$71,250	\$29,946
West	58	\$144,366	\$145,000	\$207,000	\$66,250	\$28,030

*- 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

Masters Health Physics & Primary Employer	Count	Average	Median	Max	Min	Std Dev
Federal Government	19	\$139,539	\$146,250	\$166,250	\$103,750	\$20,818
University	18	\$121,526	\$115,000	\$206,216	\$71,250	\$38,054
National Laboratory	17	\$146,294	\$151,250	\$207,000	\$66,250	\$33,799
Government Contractor	12	\$138,125	\$141,250	\$176,250	\$98,750	\$22,211
Other Commercial	13	\$152,981	\$156,250	\$201,250	\$106,250	\$24,139

Table 7: All CHPs by Other Certifications

All CHPs by Other Certifications	Count	Average	Median	Max	Min	Std Dev
NRRPT	43	\$134,872	\$133,750	\$207,000	\$71,250	\$26,798
Other	36	\$142,049	\$142,500	\$210,000	\$71,250	\$28,550

Table 8: Masters Health Physics and Primary Job Responsibility

Masters Health Physics & Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Applied Health Physics	29	\$137,284	\$141,250	\$193,750	\$71,250	\$29,810
Dosimetry	10	\$140,000	\$137,500	\$163,750	\$101,250	\$19,338

Table 9: All CHPs by Primary Job Responsibility

Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Administration	13	\$162,267	\$161,250	\$207,000	\$111,250	\$32,139
Applied Health Physics	67	\$134,683	\$136,250	\$203,750	\$71,250	\$30,141
Dosimetry	23	\$133,750	\$136,250	\$178,750	\$71,250	\$25,395
Environmental	18	\$143,056	\$145,000	\$198,750	\$106,250	\$25,865
Medical Health Physics	17	\$153,750	\$163,750	\$210,000	\$73,750	\$37,173
Power Reactor	15	\$133,750	\$128,750	\$201,250	\$98,750	\$30,089
Regulations/Standards	18	\$139,444	\$147,500	\$188,750	\$96,250	\$24,190

Table 10: CHPs as Professional Staff (All CHPs in this category and by Education)

CHPs as Professional Staff	Count	Average	Median	Max	Min	Std Dev
All CHPs in this Category	103	\$130,692	\$131,250	\$181,250	\$66,250	\$25,283
Masters Health Physics	48	\$132,188	\$136,250	\$166,250	\$66,250	\$24,083
Masters Other Field	11	\$124,659	\$128,750	\$156,250	\$71,250	\$26,699
Ph D Health Physics	13	\$143,173	\$148,750	\$178,750	\$103,750	\$23,500

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

CHPs as Supervisor of Professional Staff	Count	Average	Median	Max	Min	Std Dev
All CHPs in this Category	47	\$140,293	\$141,250	\$201,250	\$76,250	\$28,464
Masters Health Physics	22	\$145,227	\$146,250	\$201,250	\$101,250	\$25,931

Table 12: All CHPs as RPM/RSO, University RSO, Medical RSO, University-Med RSO

CHPs as RPM/RSO	Count	Average	Median	Max	Min	Std Dev
All CHPs RPM/RSO	24	\$155,448	\$156,250	\$207,000	\$111,250	\$27,543
All CHPs University RSO	18	\$117,639	\$117,500	\$161,250	\$71,250	\$27,119
All CHPs Medical RSO	15	\$162,750	\$163,750	\$210,000	\$111,250	\$33,919

Figure 1: Histogram of Table 1 Data, all CHPs

All Full-Time CHPs

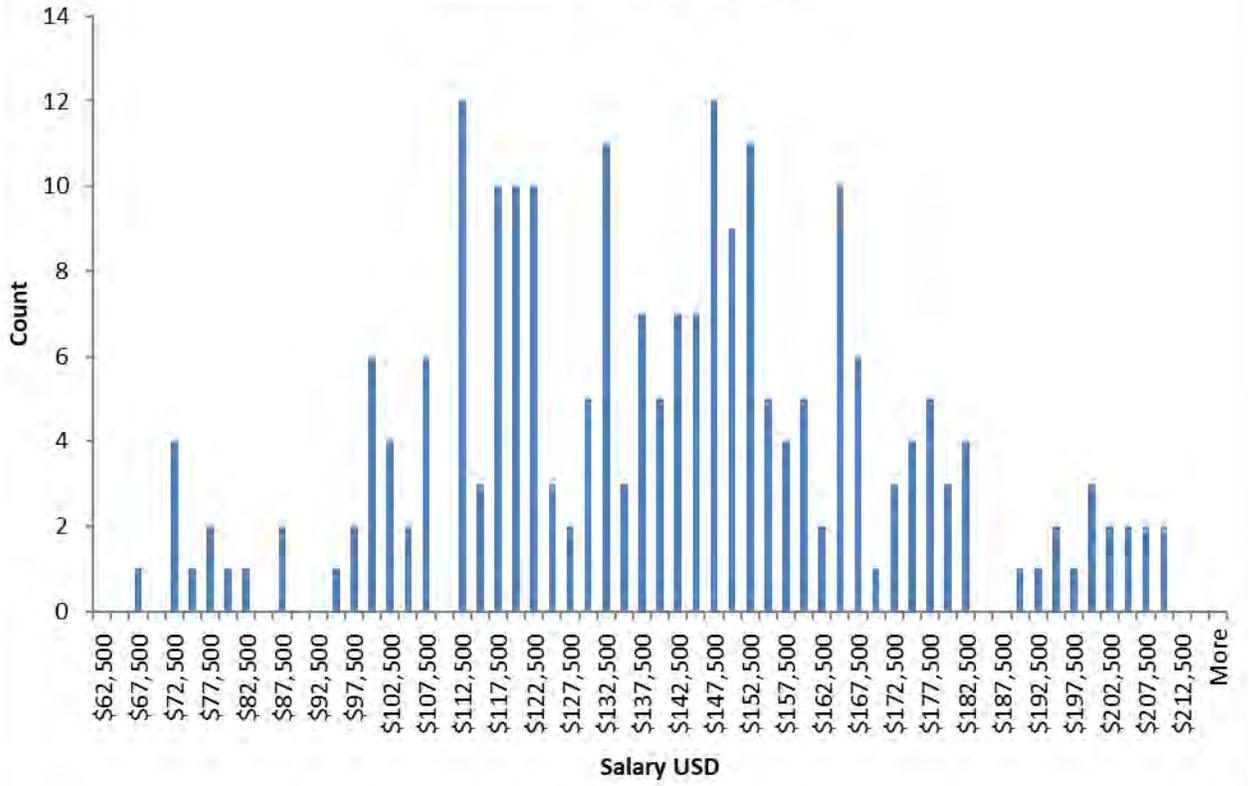
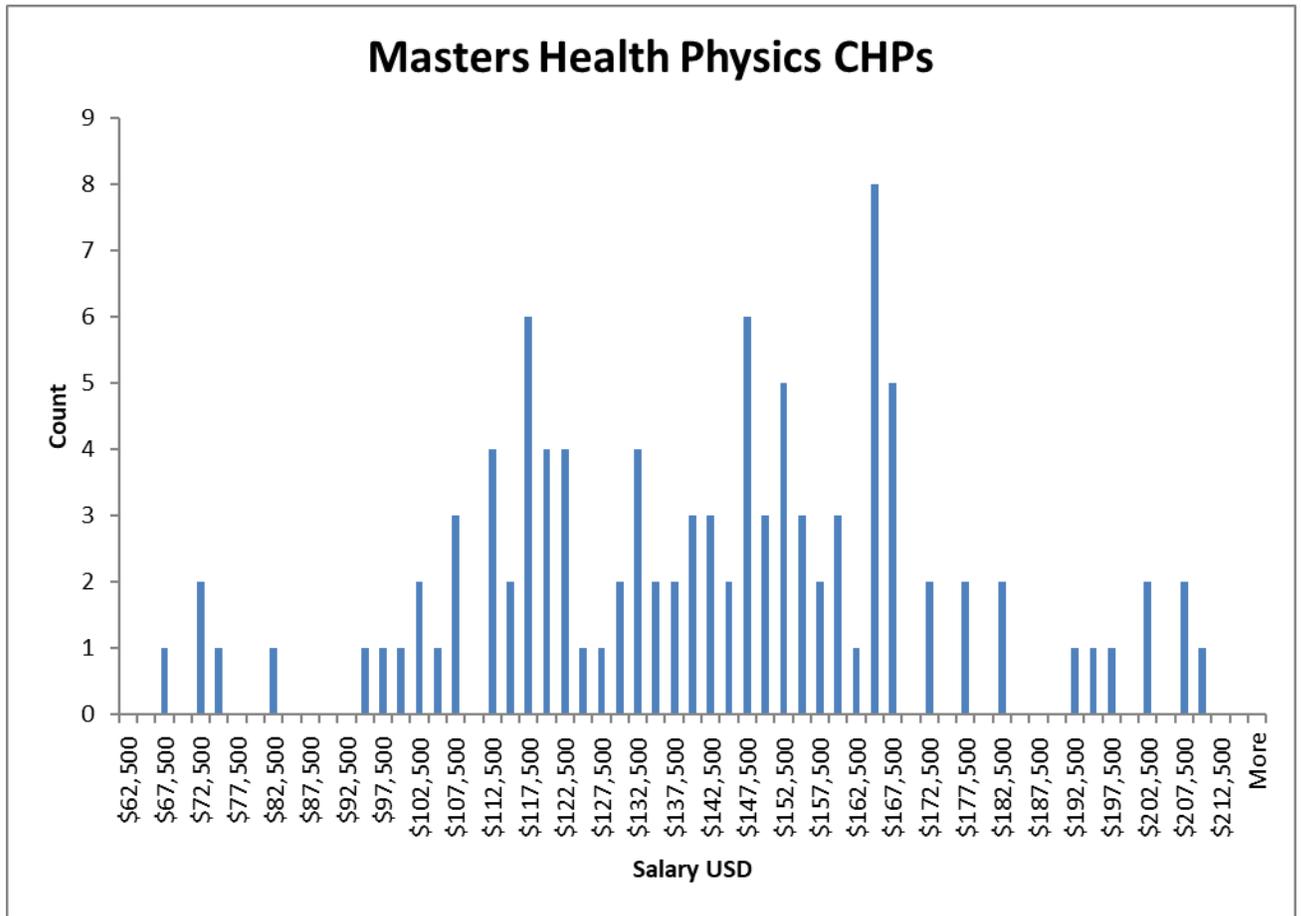


Figure 2: Histogram of Table 2 Data, Masters Health Physics CHPs



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.