

## THE 2016 CHP SALARY SURVEY

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### Introduction

The 2016 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 prevent a skewing of the results, data from nine survey respondents were excluded from the data analysis because they indicated that they earned less than \$62,500 or more than \$205,000 per year.

Of the 52 respondents who reported receiving a significant (10% or more) salary increase upon attaining ABHP certification:

- 23% received this increase from their current employer
- 25% from a promotion with their current employer
- 48% received this increase from a new employer, and
- 4% did not specify

147 CHPs (74% of those responding to the question) indicated that they did not receive a significant salary increase upon attaining certification.

### 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  
[chpsalarysurvey@yahoo.com](mailto: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 – “Masters Health Physics” are included as Figures 1 and 2 respectively.

**Table 1: All CHPs**

	Count	Average	Median	Max	Min	Std Dev
CHPs	208	\$136,394	\$136,250	\$203,750	\$63,750	\$28,659

**Table 2: CHPs by Education and Field**

	Count	Average	Median	Max	Min	Std Dev
Bachelors Health Physics	14	\$126,071	\$122,500	\$176,250	\$71,250	\$29,278
Bachelors Other Field	21	\$129,345	\$131,250	\$203,750	\$83,750	\$29,674
Masters Health Physics	93	\$137,406	\$141,250	\$201,250	\$63,750	\$29,004
Masters Other Field	27	\$138,565	\$138,750	\$203,750	\$88,750	\$25,067
Masters Nuclear Engineering	13	\$134,327	\$131,250	\$201,250	\$81,250	\$33,481
Ph.D. Health Physics	21	\$150,298	\$156,250	\$198,750	\$78,750	\$31,069

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

	Count	Average	Median	Max	Min	Std Dev
All CHPs 6-15 Yrs Experience	32	\$108,750	\$107,500	\$181,250	\$63,750	\$25,129
Masters Health Physics	15	\$112,583	\$113,750	\$143,750	\$63,750	\$23,939

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

	Count	Average	Median	Max	Min	Std Dev
All CHPs >15 Yrs Experience	175	\$141,436	\$141,250	\$203,750	\$76,250	\$26,429
Bachelors Other Field	20	\$131,625	\$131,250	\$203,750	\$98,750	\$28,496
Masters Health Physics	78	\$142,179	\$145,000	\$201,250	\$76,250	\$27,528
Masters Nuclear Engineering	10	\$144,500	\$142,500	\$201,250	\$101,250	\$30,529
Masters Other Field	22	\$141,932	\$140,000	\$203,750	\$93,750	\$21,300
Ph.D. Health Physics	19	\$156,118	\$156,250	\$198,750	\$108,750	\$25,840

**Table 5: CHPs by U.S. Regions\***

	Count	Average	Median	Max	Min	Std Dev
Northeast	30	\$135,750	\$138,750	\$176,250	\$88,750	\$26,825
Midwest	26	\$130,192	\$122,500	\$198,750	\$98,750	\$23,475
South	63	\$134,266	\$136,250	\$203,750	\$71,250	\$29,079
West	62	\$138,669	\$138,750	\$203,750	\$76,250	\$31,054

\*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	15	\$138,083	\$143,750	\$161,250	\$101,250	\$20,647
Medical	14	\$128,214	\$133,750	\$186,250	\$63,750	\$29,874
University	12	\$109,583	\$106,250	\$171,250	\$76,250	\$26,593
National Laboratory	15	\$147,250	\$146,250	\$196,250	\$111,250	\$24,691
Government Contractor	10	\$139,000	\$136,250	\$183,750	\$106,250	\$25,206

**Table 7: All CHPs by Other Certifications**

	Count	Average	Median	Max	Min	Std Dev
NRRPT	34	\$129,044	\$131,250	\$196,250	\$76,250	\$26,341
Other	25	\$139,050	\$138,750	\$198,750	\$76,250	\$29,697

**Table 8: Masters Health Physics and Primary Job Responsibility**

	Count	Average	Median	Max	Min	Std Dev
Administration	11	\$155,114	\$153,750	\$183,750	\$118,750	\$18,213
Applied Health Physics	33	\$130,795	\$133,750	\$196,250	\$63,750	\$30,742
Medical	11	\$139,205	\$143,750	\$201,250	\$88,750	\$35,423

**Table 9: All CHPs by Primary Job Responsibility**

	Count	Average	Median	Max	Min	Std Dev
Administration	16	\$156,875	\$151,250	\$203,750	\$113,750	\$25,941
Applied Health Physics	76	\$131,941	\$133,750	\$198,750	\$63,750	\$30,289
Dosimetry	14	\$142,857	\$141,250	\$176,250	\$113,750	\$17,694
Environmental	14	\$135,536	\$138,750	\$188,750	\$78,750	\$31,553
Instrumentation	11	\$123,750	\$111,250	\$176,250	\$98,750	\$26,053
Medical Health Physics	16	\$141,875	\$143,750	\$201,250	\$88,750	\$31,669
Power Reactor	12	\$146,875	\$147,500	\$201,250	\$116,250	\$26,780
Regulations/Standards	13	\$133,558	\$133,750	\$163,250	\$101,250	\$19,079

**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	101	\$132,537	\$133,750	\$201,250	\$71,250	\$25,799
Masters Health Physics	41	\$135,945	\$138,750	\$201,250	\$76,250	\$27,467
Masters Other Field	12	\$129,583	\$133,750	\$151,250	\$88,750	\$17,656

**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	36	\$145,347	\$146,250	\$201,250	\$91,250	\$24,099
Masters Health Physics	18	\$145,000	\$150,000	\$176,250	\$91,250	\$25,771

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

	Count	Average	Median	Max	Min	Std Dev
All CHPs RPM / RSO	22	\$140,682	\$141,250	\$203,750	\$83,750	\$32,394
All CHPs University RSO	13	\$114,904	\$118,750	\$141,250	\$76,250	\$18,892
All CHPs Medical RSO	20	\$146,625	\$143,750	\$201,250	\$81,250	\$29,683

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

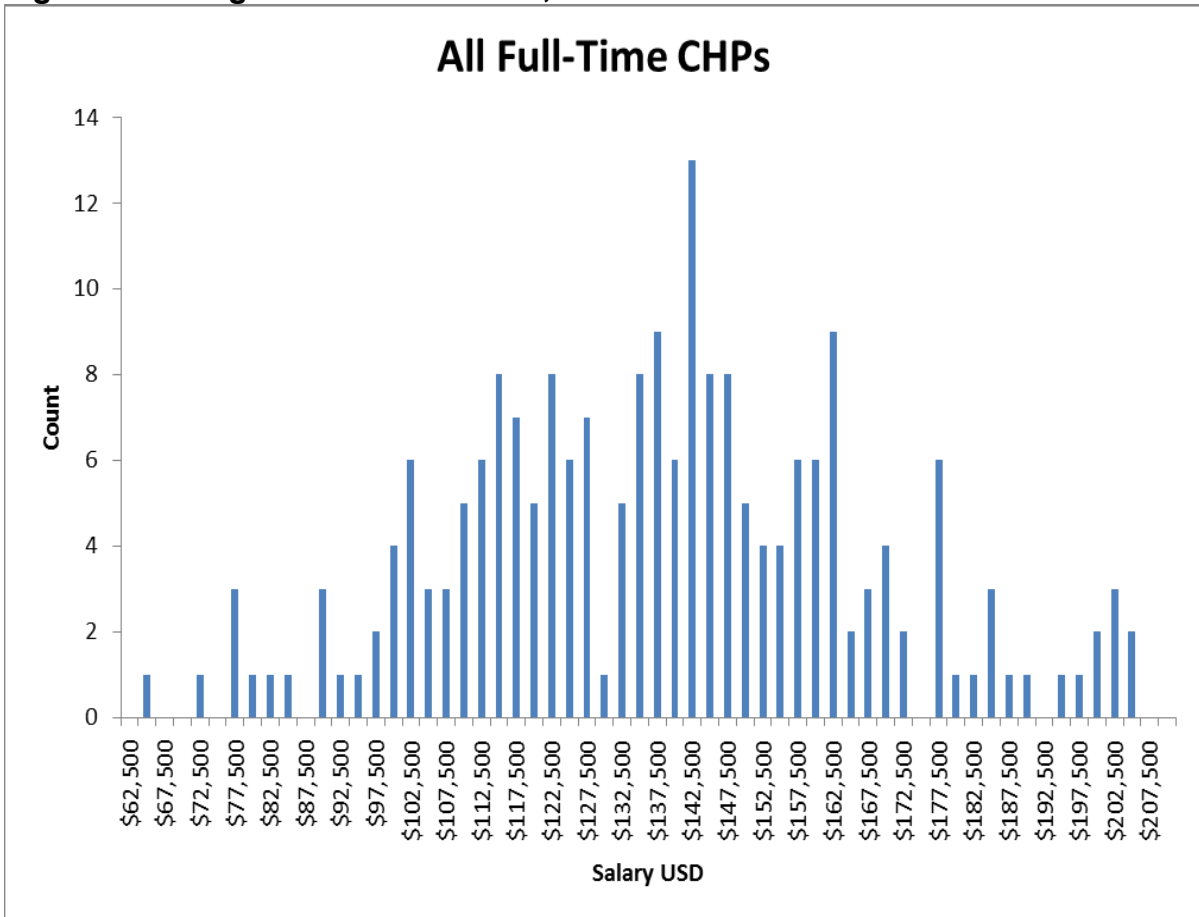
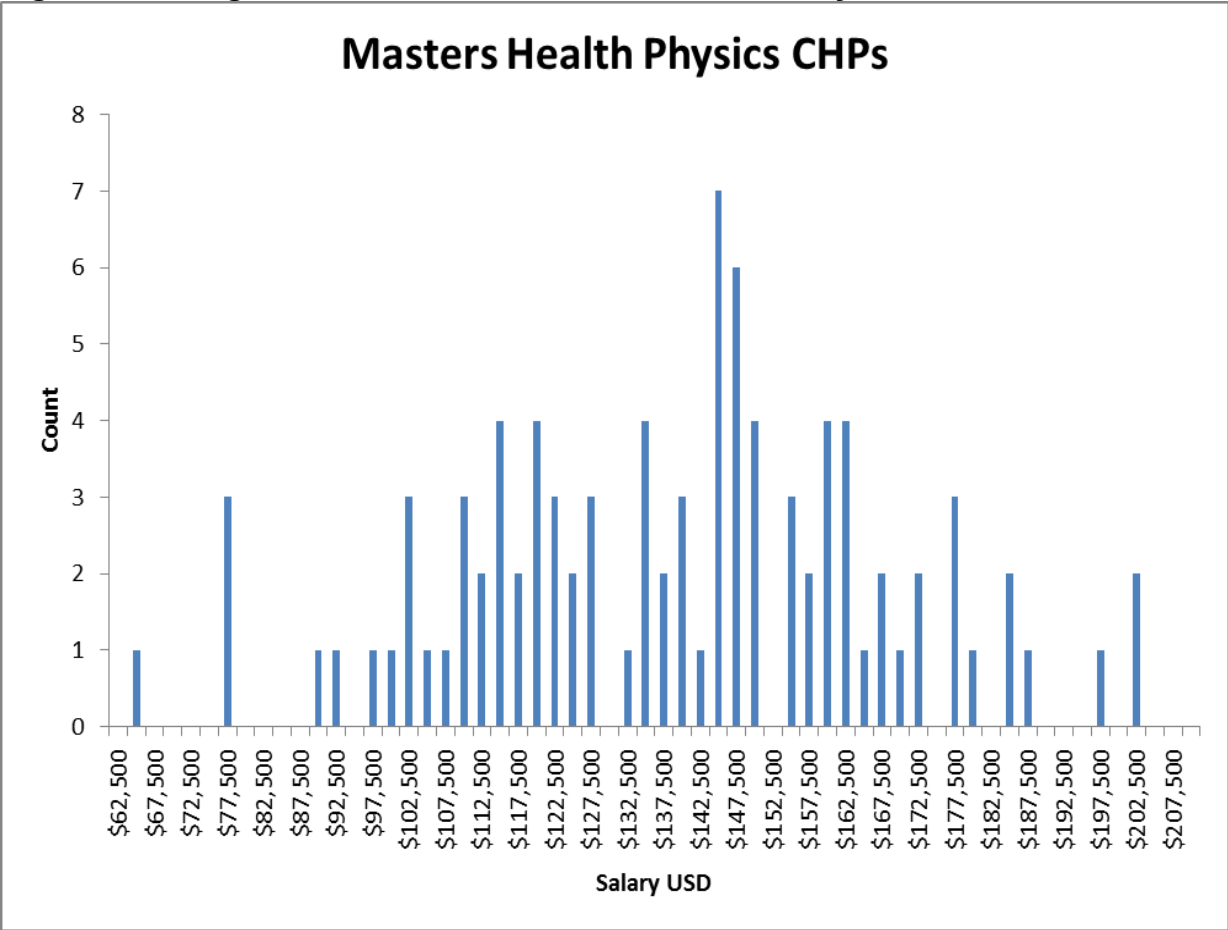


Figure 2: Histogram of Table 2 Data, Masters Health Physics CHPs



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.