

THE 2013 CHP SALARY SURVEY

By Gary Lauten

Introduction

The 2013 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 \$50,000 to \$52,499; their salary was rounded to the midpoint value of \$51,250.

Responses from CHPs 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 \$58,750 or more than \$203,750 per year.

Of 70 respondents who reported receiving a significant (10% or more) salary increase upon attaining ABHP certification: 27% received this increase from their current employer, 24% from a promotion with their current employer, 46% received this increase from a new employer, and 3% did not answer.

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 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.

A histogram of the data shown in Table 1- All CHPs is included as Figure 1 and 2.

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	247	\$129,266	\$126,250	\$203,750	\$58,750	\$28,054

Table 2: CHPs by Education and Field

Education	Count	Average	Median	Max	Min	Std Dev
Bachelors Health Physics	16	\$129,688	\$123,750	\$181,250	\$98,750	\$19,555
Bachelors Other Field	31	\$119,637	\$121,250	\$153,750	\$78,750	\$20,510
Masters Health Physics	106	\$130,731	\$131,250	\$203,750	\$58,750	\$29,254
Masters Other Field	22	\$127,614	\$126,250	\$196,250	\$71,250	\$30,146
Masters Nuclear Engineering	16	\$125,000	\$121,250	\$171,250	\$88,750	\$27,809
Ph.D. Health Physics	22	\$138,864	\$131,250	\$201,250	\$96,250	\$27,897
Ph.D. Nuclear Engineering	14	\$133,571	\$121,250	\$203,750	\$76,250	\$37,551

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	26	\$112,981	\$111,250	\$166,250	\$76,250	\$19,922
Masters Health Physics	14	\$109,286	\$107,500	\$136,250	\$86,250	\$15,354

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	219	\$131,159	\$128,750	\$203,750	\$58,750	\$28,117
Bachelors Health Physics	15	\$129,083	\$121,250	\$181,250	\$98,750	\$20,086
Bachelors Other Field	30	\$120,167	\$122,500	\$153,750	\$78,750	\$20,644
Masters Health Physics	90	\$134,000	\$133,750	\$203,750	\$58,750	\$29,177
Masters Nuclear Engineering	13	\$129,519	\$123,750	\$171,250	\$88,750	\$28,657
Masters Other Field	19	\$126,908	\$123,750	\$196,250	\$71,250	\$30,332
Ph.D. Health Physics	22	\$138,864	\$131,250	\$201,250	\$96,250	\$27,897
Ph.D. Other Field	10	\$128,500	\$131,250	\$191,250	\$71,250	\$35,968

Table 5: CHPs by U.S. Regions*

CHPs by Region	Count	Average	Median	Max	Min	Std Dev
Northeast	43	\$130,901	\$126,250	\$201,250	\$83,750	\$29,376
Midwest	33	\$120,189	\$116,250	\$176,250	\$76,250	\$24,375
South	74	\$126,453	\$123,750	\$201,250	\$63,750	\$26,935
West	68	\$131,949	\$131,250	\$203,750	\$71,250	\$24,246

*- 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	15	\$132,917	\$136,250	\$156,250	\$88,750	\$21,101
University	13	\$109,327	\$101,250	\$171,250	\$63,750	\$32,995
National Laboratory	25	\$131,950	\$128,750	\$203,750	\$86,250	\$24,891
Other Commercial	14	\$144,286	\$135,000	\$201,250	\$91,250	\$38,345

Table 7: All CHPs by Other Certifications

All CHPs by Other Certifications	Count	Average	Median	Max	Min	Std Dev
ABIH	11	\$135,568	\$136,250	\$196,250	\$71,250	\$30,230
NRRPT	46	\$125,815	\$121,250	\$203,750	\$73,750	\$24,846
PE	10	\$134,500	\$126,250	\$186,250	\$91,250	\$29,227
Other	35	\$126,036	\$128,750	\$203,750	\$71,250	\$27,078

Table 8: Masters Health Physics and Primary Job Responsibility

Masters Health Physics & Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Administration	14	\$142,857	\$141,250	\$198,750	\$108,750	\$22,968
Applied Health Physics	31	\$126,492	\$121,250	\$203,750	\$63,750	\$32,726
Dosimetry	13	\$131,250	\$128,750	\$166,250	\$91,250	\$22,032

Table 9: All CHPs by Primary Job Responsibility

Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Accelerator Health Physics	10	\$124,500	\$128,750	\$163,750	\$91,250	\$26,222
Administration	23	\$137,880	\$136,250	\$198,750	\$76,250	\$26,985
Applied Health Physics	74	\$124,662	\$121,250	\$203,750	\$63,750	\$28,146
Dosimetry	26	\$130,096	\$128,750	\$166,250	\$78,750	\$22,139
Emergency Preparedness	11	\$132,159	\$128,750	\$171,250	\$88,750	\$23,272
Environmental	17	\$132,721	\$128,750	\$201,250	\$58,750	\$37,113
Medical Health Physics	14	\$132,857	\$131,250	\$181,250	\$71,250	\$34,287
Power Reactor	18	\$132,778	\$125,000	\$188,750	\$106,250	\$23,673
Regulations/Standards	14	\$136,071	\$140,000	\$181,250	\$83,750	\$24,287

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	124	\$124,153	\$123,750	\$203,750	\$58,750	\$24,404
Bachelors Other Field	19	\$120,197	\$123,750	\$153,750	\$78,750	\$22,225
Masters Health Physics	53	\$126,675	\$126,250	\$201,250	\$58,750	\$27,275
Masters Other Field	12	\$121,042	\$121,250	\$148,750	\$96,250	\$16,701
Masters Nuclear Engineering	10	\$119,000	\$121,250	\$156,250	\$88,750	\$23,525

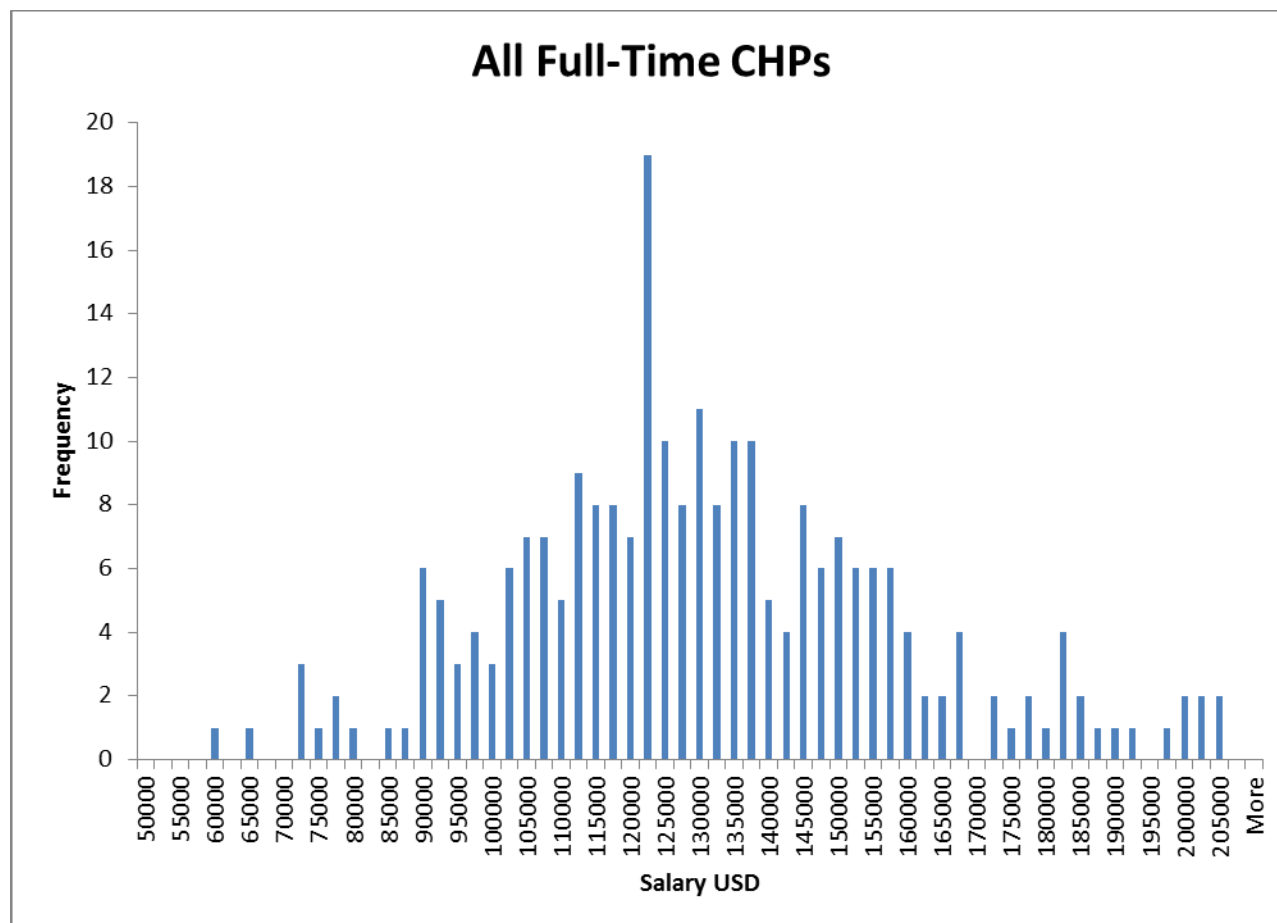
Table 11: CHPs as Supervisor of Professional Staff (All CHPs in this category and by Education)

CHPs as Supervisor of Professional Staff	Count	Average	Median	Max	Min	Std Dev
All CHPs in this Category	54	\$138,426	\$136,250	\$203,750	\$76,250	\$27,291
Masters Health Physics	23	\$138,641	\$136,250	\$203,750	\$88,750	\$26,495

Table 12: All CHPs as Facility Manager, RPM/RSO, University RSO

CHPs as RPM/RSO	Count	Average	Median	Max	Min	Std Dev
All CHPs RPM/RSO	19	\$132,171	\$133,750	\$196,250	\$98,750	\$27,351
All CHPs University RSO	12	\$100,208	\$106,250	\$136,250	\$63,750	\$23,943
All CHPs Medical RSO	10	\$137,500	\$121,250	\$183,750	\$106,250	\$30,670
All CHPs University-Med RSO	11	\$140,795	\$133,750	\$181,250	\$88,750	\$30,017

Figure 1: Histogram of Table 1 Data, all 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.