

THE 2012 CHP SALARY SURVEY

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Introduction

The 2012 Certified Health Physicist (CHP) salary survey data was collected by having CHPs submit their responses to survey questions on a web-based data entry form. The survey was also available in hardcopy form for those who preferred to fax or mail their responses.

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*.

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 \$61,250 or more than \$200,000 per year.

Of 68 respondents who reported receiving a significant (10 % or more) salary increase upon attaining ABHP certification: 28% received this increase from their current employer, 19% from a promotion with their current employer, 47% received this increase from a new employer, and 6% 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.

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	259	\$124,693	\$121,250	\$200,000	\$63,750	\$25,473

Table 2: CHPs by Education and Field

	Count	Average	Median	Max	Min	Std Dev
Bachelors Health Physics	18	\$122,292	\$120,000	\$180,000	\$81,250	\$23,034
Bachelors Other Field	29	\$117,198	\$111,250	\$168,750	\$73,750	\$21,091
Masters Health Physics	114	\$123,125	\$123,750	\$200,000	\$63,750	\$24,742
Masters Other Field	27	\$126,231	\$123,750	\$192,000	\$71,250	\$31,910
Masters Nuclear Engineering	19	\$126,776	\$123,750	\$173,750	\$81,250	\$23,372
Ph.D. Health Physics	23	\$135,967	\$136,250	\$196,000	\$98,750	\$25,900
Ph.D. Nuclear Engineering	13	\$132,212	\$121,250	\$173,750	\$103,750	\$22,925

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

	Count	Average	Median	Max	Min	Std Dev
All CHPs 6-15 yrs Experience	32	\$110,781	\$108,750	\$156,250	\$63,750	\$22,722
Masters Health Physics	19	\$105,724	\$106,250	\$153,750	\$63,750	\$21,174

Table 4: CHPs by Education and >15 Years Experience

	Count	Average	Median	Max	Min	Std Dev
All CHPs >15 yrs Experience	225	\$126,813	\$123,750	\$200,000	\$63,750	\$25,323
Bachelors Health Physics	16	\$125,234	\$121,250	\$180,000	\$98,750	\$21,848
Bachelors Other Field	27	\$117,917	\$113,750	\$168,750	\$73,750	\$21,684
Masters Health Physics	94	\$126,742	\$127,500	\$200,000	\$63,750	\$24,104
Masters Nuclear Engineering	16	\$127,969	\$123,750	\$173,750	\$91,250	\$21,384
Masters Other Field	23	\$126,011	\$121,250	\$192,000	\$71,250	\$33,700
Ph.D. Health Physics	23	\$135,967	\$136,250	\$196,000	\$98,750	\$25,900

Table 5: CHPs by U.S. Regions*

	Count	Average	Median	Max	Min	Std Dev
Northeast	37	\$118,311	\$116,250	\$180,000	\$71,250	\$25,604
Midwest	31	\$119,556	\$121,250	\$166,000	\$73,750	\$21,364
South	82	\$124,101	\$121,250	\$180,000	\$63,750	\$25,467
West	74	\$128,878	\$133,750	\$200,000	\$71,250	\$23,858

* 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	20	\$124,875	\$128,750	\$153,750	\$88,750	\$20,172
Medical	10	\$137,250	\$138,750	\$163,750	\$103,750	\$20,317
University	14	\$92,679	\$88,750	\$151,250	\$63,750	\$24,975
National Laboratory	21	\$135,000	\$126,250	\$200,000	\$108,750	\$21,916
Government Contractors	12	\$129,792	\$131,250	\$166,250	\$78,750	\$25,947
Other Commercial	11	\$122,386	\$128,750	\$156,250	\$86,250	\$21,371

Table 7: All CHPs by Other Certifications

	Count	Average	Median	Max	Min	Std Dev
NRRPT	48	\$121,083	\$118,750	\$192,000	\$71,250	\$25,899
Other	35	\$125,643	\$133,750	\$180,000	\$71,250	\$26,872

Table 8: Masters Health Physics and Primary Job Responsibility

	Count	Average	Median	Max	Min	Std Dev
Administration	10	\$133,000	\$133,750	\$166,250	\$98,750	\$19,616
Applied Health Physics	31	\$121,532	\$123,750	\$200,000	\$63,750	\$28,136
Environmental	11	\$121,932	\$121,250	\$153,750	\$96,250	\$22,279
Power Reactor	10	\$132,000	\$126,250	\$168,750	\$113,750	\$18,784
Regulations/Standards	11	\$113,295	\$126,250	\$153,750	\$71,250	\$28,036

Table 9: All CHPs by Primary Job Responsibility

	Count	Average	Median	Max	Min	Std Dev
Administration	20	\$132,663	\$128,750	\$192,000	\$98,750	\$23,178
Applied Health Physics	75	\$122,347	\$118,750	\$200,000	\$63,750	\$26,269
Dosimetry	20	\$127,250	\$128,750	\$163,750	\$81,250	\$22,160
Emergency Preparedness	15	\$125,083	\$121,250	\$173,750	\$81,250	\$24,998
Environmental	25	\$120,850	\$118,750	\$163,750	\$96,250	\$20,913
Medical Health Physics	19	\$133,684	\$136,250	\$180,000	\$76,250	\$28,633
Radiological Assessment	10	\$125,000	\$118,750	\$156,250	\$98,750	\$18,718
Power Reactor	20	\$127,563	\$122,500	\$180,000	\$91,250	\$23,618
Regulations/Standards	19	\$120,855	\$126,250	\$173,750	\$71,250	\$29,782

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	138	\$118,922	\$118,750	\$180,000	\$71,250	\$21,203
Bachelors Other Field	19	\$114,145	\$111,250	\$148,750	\$73,750	\$20,005
Masters Health Physics	58	\$120,086	\$118,750	\$161,250	\$78,750	\$20,257
Masters Other Field	12	\$112,292	\$112,500	\$148,750	\$71,250	\$23,342
Masters Nuclear Engineering	15	\$121,917	\$121,250	\$156,250	\$81,250	\$21,536
Ph.D. Health Physics	11	\$127,273	\$126,250	\$180,000	\$98,750	\$22,741

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	48	\$133,516	\$133,750	\$200,000	\$98,750	\$22,711
Masters Health Physics	22	\$135,057	\$133,750	\$200,000	\$101,250	\$22,142

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

	Count	Average	Median	Max	Min	Std Dev
All CHPs RPM/RSO	21	\$132,893	\$131,250	\$192,000	\$71,250	\$31,133
All CHPs University RSO	15	\$95,417	\$101,250	\$131,250	\$63,750	\$20,325
All CHPs Medical RSO	14	\$143,732	\$143,750	\$196,000	\$106,250	\$25,152
All CHPs University-Med RSO	10	\$132,000	\$132,500	\$161,250	\$103,750	\$18,297

Figure 1: Histogram of Table 1 Data, all CHPs

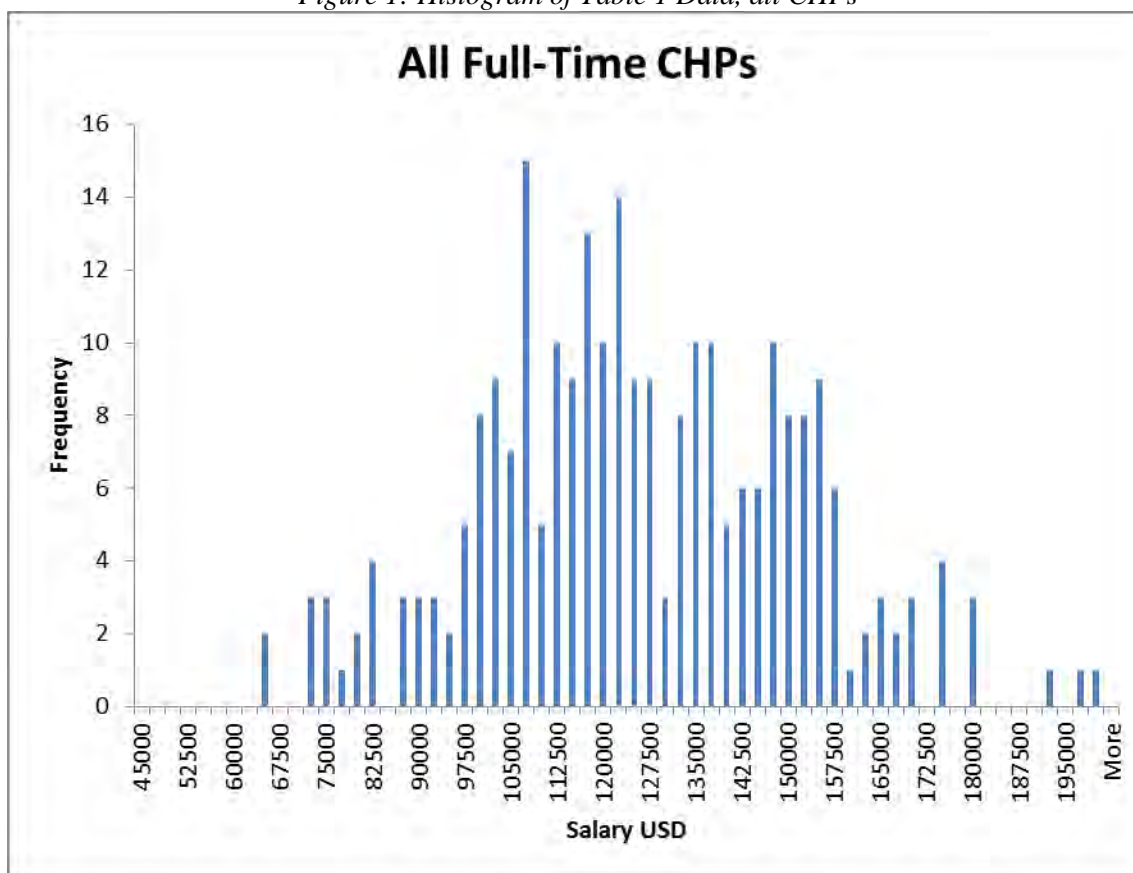
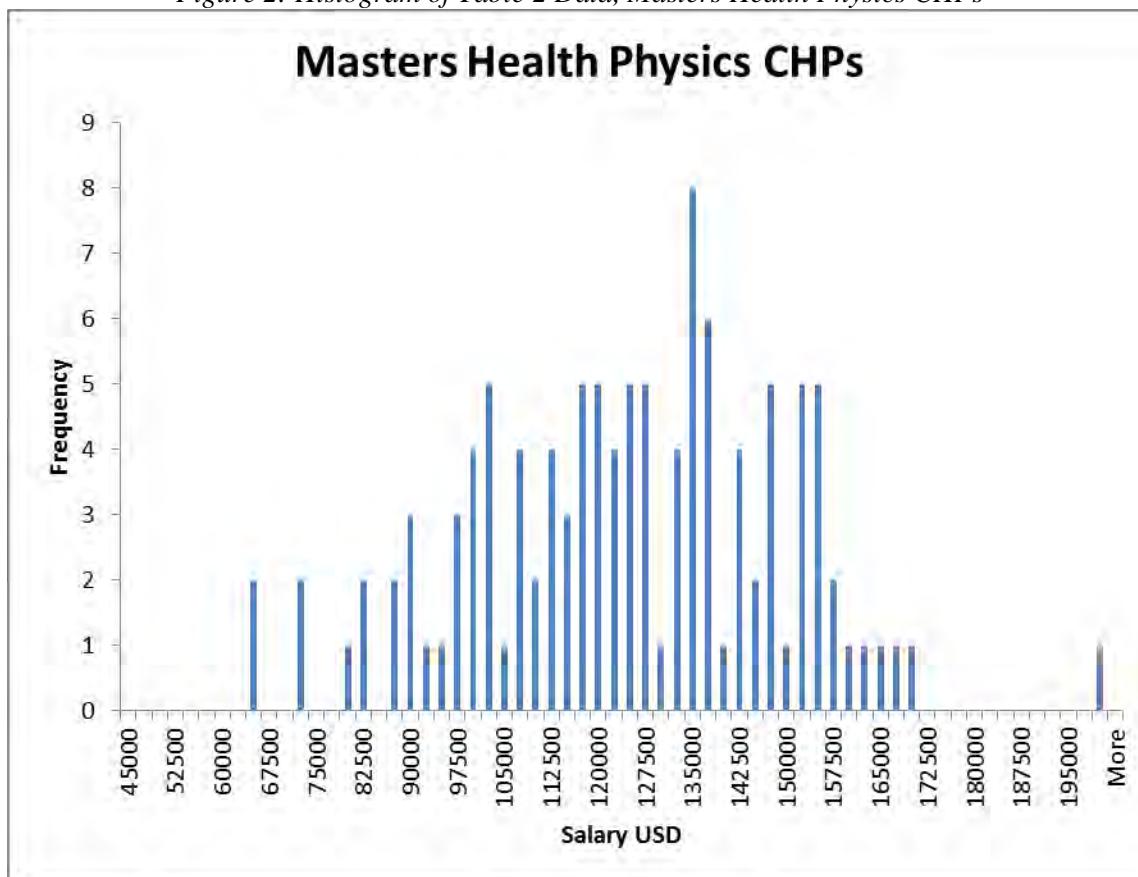


Figure 2: Histogram of Table 2 Data, Masters Health Physics CHPs



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.

Questions about this survey should be directed to Gary Lauten, via email: chpsalariesurvey@yahoo.com