

# THE 2007 CHP SALARY SURVEY

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## Introduction

The 2007 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 coordination with a salary survey of the entire Health Physics Society (HPS).

Chris Graham and Andy King will report the HPS salary survey results 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 Lautenschlager, via email: [chpsalariesurvey@yahoo.com](mailto: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 avoid skewing the results, data from two survey respondents were excluded from the data analysis because they indicated that they earned more than \$178,750 per year.

Of 96 respondents who reported receiving a significant (10 % or more) salary increase upon attaining ABHP certification: 30% received this increase from their current employer, 22% from a promotion with their current employer, 42% received this increase from a new employer, 2% received this increase from part-time consulting, and 4% 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 cautioned that for statistical validity, results are 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 an insufficient number of CHPs the results are 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, Table 2 - Masters Health Physics, and Table 4 - All CHPs >15 Years Experience are included as Figures 1, 2, and 3 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	367	\$108,583	\$106,250	\$175,000	\$48,750	\$22,683

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

Education	Count	Average	Median	Max	Min	Std Dev
Bachelors Health Physics	19	\$106,908	\$103,750	\$131,250	\$83,750	\$13,485
Bachelors Other Field	46	\$101,902	\$101,250	\$141,250	\$71,250	\$15,894
Masters Health Physics	168	\$109,040	\$106,250	\$175,000	\$56,250	\$22,832
Masters Other Field	35	\$109,393	\$106,250	\$173,750	\$63,750	\$24,241
Masters Nuclear Engineering	22	\$109,091	\$98,750	\$146,250	\$76,250	\$21,867
Ph.D. Nuclear Engineering	15	\$112,250	\$106,250	\$171,250	\$66,250	\$28,657
Ph.D. Other Field	25	\$111,950	\$108,750	\$168,750	\$58,750	\$30,186
Ph.D. Health Physics	26	\$111,442	\$106,250	\$168,750	\$76,250	\$21,794

**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	74	\$100,574	\$98,750	\$151,250	\$56,250	\$19,428
Masters Health Physics	37	\$101,250	\$98,750	\$151,250	\$56,250	\$20,858
Ph.D. Health Physics	12	\$97,917	\$98,750	\$121,250	\$76,250	\$14,590

**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	288	\$110,673	\$108,750	\$175,000	\$48,750	\$22,705
Bachelors Health Physics	15	\$107,750	\$111,250	\$131,250	\$83,750	\$14,663
Bachelors Other Field	41	\$102,774	\$101,250	\$141,250	\$71,250	\$15,691
Masters Health Physics	131	\$111,240	\$111,250	\$175,000	\$61,250	\$22,957
Masters Nuclear Engineering	16	\$112,344	\$108,750	\$146,250	\$76,250	\$21,698
Masters Other Field	32	\$108,438	\$103,750	\$173,750	\$63,750	\$24,706
Ph.D. Health Physics	14	\$123,036	\$122,500	\$168,750	\$96,250	\$20,485
Ph.D. Other Field	19	\$115,855	\$113,750	\$168,750	\$58,750	\$30,746

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

CHPs by Region	Count	Average	Median	Max	Min	Std Dev
Northeast	48	\$109,688	\$103,750	\$168,750	\$58,750	\$26,731
Midwest	49	\$103,240	\$98,750	\$171,250	\$66,250	\$20,181
South	127	\$107,795	\$106,250	\$175,000	\$61,250	\$22,933
West	103	\$109,600	\$108,750	\$156,250	\$48,750	\$19,414

\*- 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**

<b>Masters Health Physics &amp; Primary Employer</b>	<b>Count</b>	<b>Average</b>	<b>Median</b>	<b>Max</b>	<b>Min</b>	<b>Std Dev</b>
Federal Government	28	\$116,875	\$117,500	\$153,750	\$81,250	\$16,024
Medical	17	\$108,603	\$103,750	\$161,250	\$56,250	\$25,685
Consultant	15	\$110,917	\$103,750	\$151,250	\$81,250	\$21,168
University	22	\$94,091	\$91,250	\$133,750	\$61,250	\$21,716
National Laboratory	19	\$114,145	\$108,750	\$148,750	\$93,750	\$15,729
Government Contractors	23	\$109,130	\$103,750	\$175,000	\$78,750	\$22,289
Nuclear Power Utility	13	\$114,327	\$111,250	\$163,750	\$81,250	\$24,477
Other Commercial	12	\$123,333	\$115,000	\$173,750	\$86,250	\$29,073

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

<b>All CHPs by Other Certifications</b>	<b>Count</b>	<b>Average</b>	<b>Median</b>	<b>Max</b>	<b>Min</b>	<b>Std Dev</b>
ABIH	15	\$124,667	\$121,250	\$175,000	\$96,250	\$24,796
ABR	10	\$117,000	\$116,250	\$168,750	\$91,250	\$24,096
NRRPT	66	\$105,606	\$101,250	\$166,250	\$48,750	\$23,613
PE	18	\$111,250	\$107,500	\$153,750	\$48,750	\$26,830
Other	38	\$115,888	\$116,250	\$175,000	\$56,250	\$29,387

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

<b>Masters Health Physics &amp; Primary Job Responsibility</b>	<b>Count</b>	<b>Average</b>	<b>Median</b>	<b>Max</b>	<b>Min</b>	<b>Std Dev</b>
Administration	25	\$105,350	\$103,750	\$148,750	\$71,250	\$21,625
Applied Health Physics	47	\$109,894	\$103,750	\$175,000	\$61,250	\$24,124
Environmental	14	\$98,929	\$98,750	\$143,750	\$61,250	\$22,155
Radiological Assessment	12	\$115,625	\$118,750	\$143,750	\$88,750	\$18,863
Regulations/Standards	16	\$110,313	\$117,500	\$141,250	\$58,750	\$23,942
Power Reactor	12	\$120,208	\$115,000	\$163,750	\$93,750	\$22,448
Medical Health Physics	15	\$105,583	\$103,750	\$161,250	\$56,250	\$27,910

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

<b>Primary Job Responsibility</b>	<b>Count</b>	<b>Average</b>	<b>Median</b>	<b>Max</b>	<b>Min</b>	<b>Std Dev</b>
Administration	36	\$108,819	\$105,000	\$168,750	\$71,250	\$24,608
Applied Health Physics	102	\$107,243	\$103,750	\$175,000	\$61,250	\$21,881
Dosimetry	30	\$110,583	\$108,750	\$151,250	\$83,750	\$16,634
Environmental	31	\$101,492	\$98,750	\$156,250	\$48,750	\$23,034
Radiological Assessment	37	\$107,736	\$106,250	\$166,250	\$76,250	\$24,112
Regulations/Standards	30	\$109,750	\$110,000	\$148,750	\$58,750	\$21,602
Power Reactor	24	\$119,688	\$116,250	\$173,750	\$93,750	\$22,285
Medical Health Physics	27	\$112,454	\$111,250	\$171,250	\$56,250	\$27,877

**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	195	\$105,532	\$103,750	\$168,750	\$48,750	\$19,493
Bachelors Other Field	33	\$102,462	\$101,250	\$131,250	\$71,250	\$15,221
Masters Health Physics	77	\$106,964	\$106,250	\$153,750	\$56,250	\$20,817
Masters Other Field	13	\$106,827	\$106,250	\$138,750	\$91,250	\$14,690
Masters Nuclear Engineering	16	\$105,625	\$97,500	\$136,250	\$76,250	\$21,026
Ph.D. Health Physics	15	\$103,917	\$106,250	\$123,750	\$76,250	\$14,407
Ph.D. Nuclear Engineering	11	\$108,523	\$106,250	\$136,250	\$81,250	\$18,857
Ph.D. Other Field	16	\$107,656	\$101,250	\$168,750	\$58,750	\$27,943

**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	70	\$111,464	\$108,750	\$173,750	\$61,250	\$22,327
Masters Health Physics	40	\$109,813	\$107,500	\$173,750	\$61,250	\$21,258

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

CHPs as RPM/RSO	Count	Average	Median	Max	Min	Std Dev
All CHPs as Facility Manager	11	\$129,659	\$123,750	\$173,750	\$101,250	\$24,245
All CHPs RPM/RSO	31	\$118,831	\$118,750	\$168,750	\$71,250	\$24,174
All CHPs University RSO	27	\$94,491	\$91,250	\$148,750	\$61,250	\$22,063
All CHPs Medical RSO	13	\$104,327	\$98,750	\$161,250	\$76,250	\$20,082
All CHPs University/Med RSO	11	\$113,750	\$103,750	\$168,750	\$81,250	\$27,681

**Figure 1: Histogram of Table 1 Data, All Full-Time CHPs**

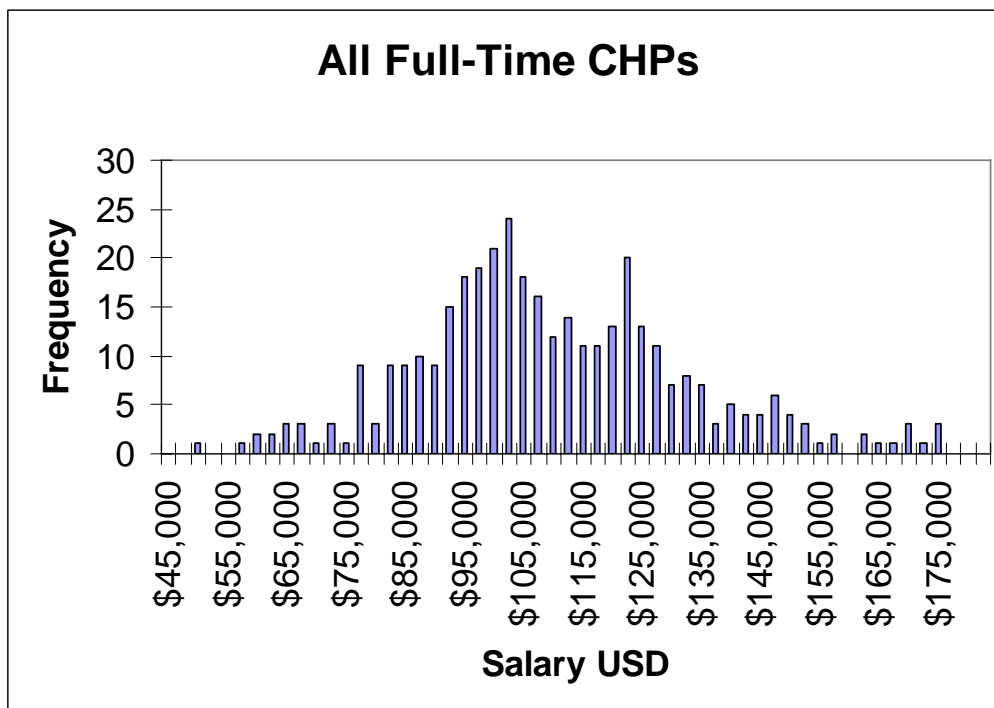


Figure 2: Histogram of Table 2 Data, Masters Health Physics CHPs

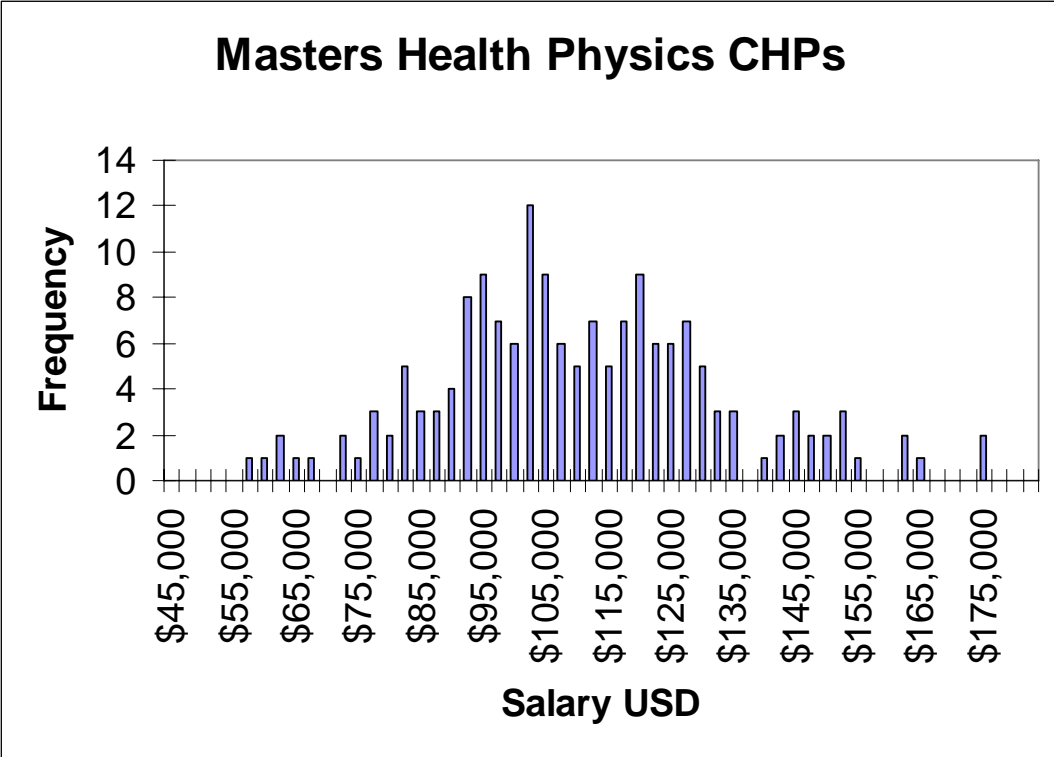


Figure 3: Histogram of Table 4 Data, all CHPs with > 15 years experience

