

THE 2011 CHP SALARY SURVEY

Gary Lauten

Introduction

The 2011 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).

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: chpsalarysurvey@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 seven survey respondents were excluded from the data analysis because they indicated that they earned less than \$61,250 or \$200,000 or more per year.

Of 58 respondents who reported receiving a significant (10 % or more) salary increase upon attaining ABHP certification: 34% received this increase from their current employer, 17% from a promotion with their current employer, 34% received this increase from a new employer, and 14% 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 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.

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

Table 1: All CHPs

All CHPs	Count	Average	Median	Max	Min	Std Dev
CHPs	254	\$124,466	\$121,250	\$192,200	\$63,750	\$25,197

Table 2: CHPs by Education and Field

Education	Count	Average	Median	Max	Min	Std Dev
Bachelors Health Physics	14	\$124,161	\$117,500	\$182,000	\$101,250	\$22,355
Bachelors Other Field	29	\$110,345	\$106,250	\$185,000	\$66,250	\$23,263
Masters Health Physics	118	\$126,822	\$127,500	\$192,000	\$63,750	\$24,601
Masters Other Field	23	\$125,217	\$123,750	\$180,000	\$71,250	\$29,902
Masters Nuclear Engineering	21	\$125,298	\$116,250	\$168,750	\$78,750	\$25,440
Ph.D. Other Field	10	\$134,225	\$146,250	\$176,000	\$71,250	\$30,825
Ph.D. Health Physics	19	\$125,066	\$123,750	\$161,250	\$98,750	\$18,188
Ph.D. Nuclear Engineering	11	\$134,545	\$121,250	\$180,000	\$98,750	\$27,388

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	30	\$111,917	\$108,750	\$156,250	\$76,250	\$22,001
Masters Health Physics	16	\$107,188	\$107,500	\$136,250	\$76,250	\$19,448

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	222	\$126,348	\$123,750	\$192,000	\$63,750	\$24,998
Bachelors Other Field	27	\$110,556	\$106,250	\$185,000	\$66,250	\$24,125
Masters Health Physics	100	\$130,425	\$131,250	\$192,000	\$63,750	\$23,461
Masters Nuclear Engineering	17	\$129,338	\$121,250	\$168,750	\$101,250	\$22,527
Masters Other Field	19	\$123,158	\$121,250	\$180,000	\$71,250	\$32,297
Ph.D. Health Physics	17	\$125,074	\$123,750	\$161,250	\$98,750	\$16,912
Ph.D. Other Field	10	\$134,225	\$146,250	\$176,000	\$71,250	\$30,825

Table 5: CHPs by U.S. Regions*

CHPs by Region	Count	Average	Median	Max	Min	Std Dev
Northeast	45	\$122,389	\$116,250	\$180,000	\$73,750	\$23,055
Midwest	33	\$121,659	\$116,250	\$186,000	\$71,250	\$26,310
South	88	\$122,599	\$120,000	\$180,000	\$63,750	\$25,141
West	64	\$128,480	\$131,250	\$192,000	\$66,250	\$24,249

*- 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	\$134,013	\$136,250	\$156,250	\$93,750	\$17,398
Medical	13	\$139,019	\$141,250	\$186,000	\$98,750	\$26,134
University	13	\$110,673	\$103,750	\$146,250	\$63,750	\$26,124
National Laboratory	23	\$125,957	\$123,750	\$192,000	\$76,250	\$25,531
Government Contractors	18	\$127,222	\$131,250	\$151,250	\$86,250	\$16,828
Nuclear Power Utility	11	\$126,318	\$116,250	\$192,000	\$96,250	\$25,808

Table 7: All CHPs by Other Certifications

All CHPs by Other Certifications	Count	Average	Median	Max	Min	Std Dev
NRRPT	49	\$122,464	\$116,250	\$182,000	\$83,750	\$23,361
Other	38	\$128,638	\$131,250	\$192,000	\$71,250	\$26,429

Table 8: Masters Health Physics and Primary Job Responsibility

Masters Health Physics & Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Administration	12	\$143,750	\$142,500	\$168,750	\$123,750	\$12,568
Applied Health Physics	39	\$119,731	\$118,750	\$192,000	\$63,750	\$23,391
Medical Health Physics	13	\$141,327	\$141,250	\$186,000	\$106,250	\$23,315

Table 9: All CHPs by Primary Job Responsibility

Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Administration	20	\$134,125	\$136,250	\$168,750	\$91,250	\$21,233
Applied Health Physics	72	\$119,260	\$116,250	\$192,000	\$63,750	\$24,224
Dosimetry	18	\$128,611	\$126,250	\$173,750	\$93,750	\$22,220
Emergency Preparedness	11	\$128,750	\$123,750	\$173,750	\$78,750	\$27,455
Environmental	19	\$124,316	\$116,250	\$182,000	\$93,750	\$25,090
Medical Health Physics	23	\$133,467	\$136,250	\$186,000	\$71,250	\$27,494
Radiological Assessment	11	\$114,205	\$111,250	\$148,750	\$83,750	\$18,968
Power Reactor	25	\$126,580	\$118,750	\$192,000	\$83,750	\$23,542
Regulations/Standards	19	\$129,605	\$133,750	\$180,000	\$66,250	\$31,502

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	137	\$119,945	\$118,750	\$180,000	\$66,250	\$22,539
Bachelors Other Field	19	\$103,882	\$103,750	\$141,250	\$66,250	\$19,175
Masters Health Physics	56	\$121,920	\$120,000	\$163,750	\$71,250	\$21,498
Masters Other Field	12	\$123,542	\$122,500	\$173,750	\$71,250	\$27,020
Masters Nuclear Engineering	15	\$122,750	\$116,250	\$158,750	\$78,750	\$22,536
Ph.D. Health Physics	12	\$126,458	\$123,750	\$151,250	\$98,750	\$15,538

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	48	\$131,016	\$132,500	\$192,000	\$73,750	\$23,853
Masters Health Physics	24	\$135,333	\$136,250	\$192,000	\$73,750	\$24,211

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	17	\$135,147	\$131,250	\$185,000	\$103,750	\$22,114
All CHPs University RSO	16	\$106,094	\$103,750	\$161,250	\$63,750	\$26,496
All CHPs Medical RSO	11	\$132,932	\$133,750	\$180,000	\$93,750	\$28,763
All CHPs University-Med RSO	11	\$123,523	\$131,250	\$168,750	\$83,750	\$27,396

Figure 1: Histogram of Table 1 Data, all CHPs

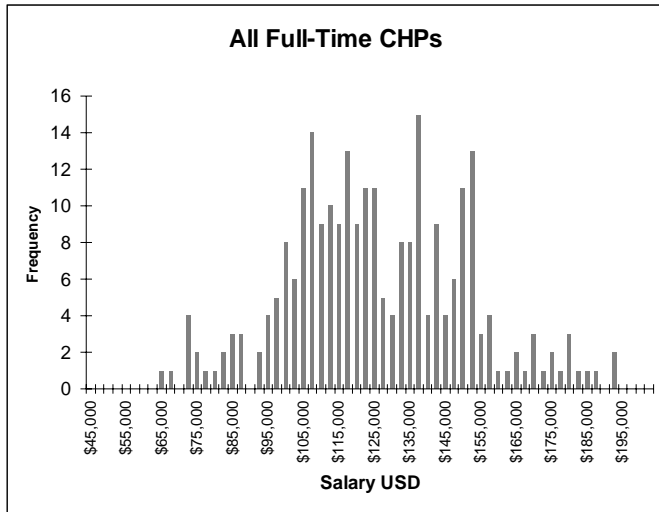
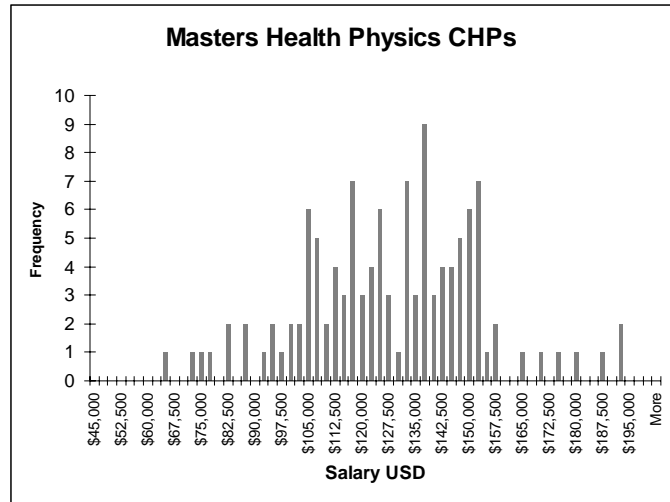


Figure 2: Histogram of Table 2 Data, Masters Health Physics CHPs



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.

**Call for Nominations
2012 Joyce P. Davis Memorial Award**

*Ruth E. McBurney
Chair, Professional Standards and Ethics Committee*

The American Academy of Health Physics (AAHP) established the Joyce P. Davis Memorial Award in recognition of her dedication to the advancement of health physics and her humanitarian efforts to uphold the ethics of the profession. The recipient of this award should demonstrate excellence in professional achievement as well as being admired for ethical behavior and interpersonal skills.

The eligibility requirements are:

1. A member of AAHP for at least 10 years,
2. A champion of professional standards and ethics, and
3. Exemplary professional service to the AAHP or the American Board of Health Physics.

It is time to start thinking about those individuals in the Academy community who poses these great qualities so they may be recognized at next year's meeting. I encourage you to nominate a deserving member of AAHP for this prestigious award. Any member of the Academy can make nominations. Selection criteria are presented in AAHP Standard Operating Procedure 2.7.2, Rev. 1, which can be found on the AAHP web

site in the Members Only Section, AAHP Library. The previous recipients of the award are John P. Kelly, James E. Tarpinian, Carol D. Berger, Howard W. Dickson, and Frazier Bronson. The award will be presented at the AAHP Awards Luncheon during the 57th Health Physics Society Annual Meeting in Sacramento, California, July 22-26, 2012.

Nominations should include a brief biographical resume of the nominee's career, A description of service to the profession & AAHP, a nomination letter, and at least three reference letters in support of the nomination, from AAHP members. Nominations (consisting of a nomination letter and current resume of the nominee) must be submitted to the AAHP Nominating Committee (Chair, Steven King, email: sking@psu.edu), on or before 1 March 2012. The Selection Committee for this distinguished award is comprised of the AAHP Professional Standards and Ethics Committee (Ruth McBurney, Chair), the Past President of the AAHP, and the Past Chairman of the ABHP. The award will be presented at the AAHP luncheon during the annual HPS meeting in Sacramento.