



THE 2003 CHP SALARY SURVEY

Gary Lautenschlager

Introduction

The 2003 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 last year, 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

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 six survey respondents were excluded from the data

analysis because they indicated that they earned \$174,499 or more per year.

Of 60 respondents who reported receiving a significant (10 % or more) salary increase upon attaining ABHP certification: 28% received this increase from their current employer, 48% from a promotion with their current employer, 17% received this increase from a new employer, 3% from part-time consulting, and 3% did not specify.

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 usually 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. However, some exceptions were made for general interest.

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 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 Figure 1 and Figure 2, respectively.

All of the following tables are for fulltime CHPs with health, vacation, and retirement benefits.

Table 1: All CHPs

All CHPs	Count	Average	Median	Max	Min	Std Dev
CHPs	282	\$97,039	\$93,750	\$173,750	\$46,250	\$22,085

Table 2: CHPs by Education and Field

Education	Count	Average	Median	Max	Min	Std Dev
Bachelors Health Physics	16	\$92,656	\$91,250	\$121,250	\$66,250	\$91,250
Bachelors Other Field	29	\$94,353	\$93,750	\$173,750	\$61,250	\$23,353
Masters Health Physics	139	\$96,556	\$93,750	\$161,250	\$46,250	\$21,758
Masters Other Field	23	\$96,902	\$96,250	\$146,250	\$63,750	\$19,206
Masters Nuclear Engineering	17	\$96,250	\$96,250	\$123,750	\$61,250	\$19,605
Ph.D. Health Physics	19	\$97,434	\$88,750	\$153,750	\$56,250	\$28,129
Ph.D. Other Field	23	\$106,793	\$111,250	\$163,750	\$53,750	\$28,752

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

Education & 6-15 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All CHPs 6-15 yrs Experience	68	\$86,875	\$86,250	\$148,750	\$53,750	\$16,985
Masters Health Physics	39	\$87,532	\$83,750	\$148,750	\$53,750	\$18,081

Table 4: CHPs by Education and >15 Years Experience

Education & >15 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All CHPs >15 yrs Experience	208	\$100,252	\$96,250	\$173,750	\$46,250	\$22,578
Bachelors Health Physics	13	\$93,750	\$91,250	\$121,250	\$66,250	\$14,577
Bachelors Other Field	27	\$96,157	\$96,250	\$173,750	\$61,250	\$23,199
Masters Health Physics	97	\$99,987	\$98,750	\$161,250	\$46,250	\$21,875
Masters Other Field	18	\$100,000	\$97,500	\$146,250	\$66,250	\$19,727
Masters Nuclear Engineering	13	\$95,673	\$91,250	\$123,750	\$61,250	\$21,364
Ph.D. Health Physics	10	\$106,250	\$102,500	\$153,750	\$56,250	\$33,520
Ph.D. Other Field	18	\$112,917	\$115,000	\$163,750	\$58,750	\$27,759

Table 5: CHPs by U.S. Regions*

CHPs by Region	Count	Average	Median	Max	Min	Std Dev
Northeast	35	\$95,107	\$91,250	\$151,250	\$53,750	\$22,281

Midwest	35	\$95,250	\$88,750	\$163,750	\$58,750	\$28,031
South	114	\$94,430	\$91,250	\$161,250	\$53,750	\$19,337
West	97	\$102,693	\$98,750	\$173,750	\$61,250	\$20,345

*- 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: CHPs by Education and NRRPT

Education & NRRPT	Count	Average	Median	Max	Min	Std Dev
Bachelors Other Field	11	\$86,477	\$88,750	\$108,750	\$68,750	\$13,850
Masters Health Physics	9	\$99,861	\$88,750	\$161,250	\$61,250	\$32,575

Table 7: Masters Health Physics and Primary Employer

Masters Health Physics & Primary Employer	Count	Average	Median	Max	Min	Std Dev
Consulting Firm	9	\$100,139	\$96,250	\$146,250	\$71,250	\$24,015
Commercial	16	\$100,938	\$93,750	\$161,250	\$71,250	\$26,800
Federal Government	25	\$100,250	\$96,250	\$148,750	\$71,250	\$21,102
Government Contractors	18	\$93,750	\$91,250	\$118,750	\$81,250	\$10,880
Medical	9	\$89,306	\$83,750	\$126,250	\$58,750	\$22,283
National Laboratory	20	\$109,125	\$105,000	\$161,250	\$78,750	\$23,031
Nuclear Power Facility	12	\$98,958	\$98,750	\$128,750	\$71,250	\$19,290
University	20	\$87,500	\$87,500	\$123,750	\$53,750	\$20,302

Table 8: All CHPs by Other Certifications

All CHPs by Other Certifications	Count	Average	Median	Max	Min	Std Dev
PE	12	\$107,708	\$113,750	\$146,250	\$46,250	\$27,125
NRRPT	42	\$93,036	\$90,000	\$161,250	\$61,250	\$21,093
Other	23	\$101,250	\$98,750	\$156,250	\$56,250	\$20,282

Table 9: Masters Health Physics and Primary Job Responsibility

Masters Health Physics & Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Administration	22	\$105,114	\$101,250	\$161,250	\$73,750	\$23,385
Applied Health Physics	47	\$90,399	\$86,250	\$151,250	\$46,250	\$22,465
Environmental	11	\$88,977	\$83,750	\$121,250	\$71,250	\$17,337
Radiological Assessment	10	\$104,750	\$102,500	\$156,250	\$73,750	\$20,989
Regulations/Standards	13	\$99,135	\$91,250	\$143,750	\$81,250	\$18,592

Table 10: All CHPs by Primary Job Responsibility

Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Administration	36	\$104,375	\$101,250	\$161,250	\$73,750	\$22,131
Medical Physics CHPs	10	\$106,500	\$101,250	\$163,750	\$58,750	\$33,962
Regulations, Standards	21	\$93,750	\$86,250	\$143,750	\$53,750	\$19,875
Applied Health Physics	95	\$90,276	\$88,750	\$151,250	\$46,250	\$20,568
Dosimetry	13	\$93,365	\$93,750	\$116,250	\$68,750	\$14,247
Reactors, Power	23	\$100,272	\$96,250	\$146,250	\$68,750	\$19,623
Radiological Assessment	24	\$107,083	\$102,500	\$156,250	\$61,250	\$25,256
Environmental	19	\$92,171	\$91,250	\$123,750	\$71,250	\$16,546

Table 11: 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	130	\$95,154	\$92,500	\$163,750	\$46,250	\$20,231
Masters Health Physics	59	\$95,487	\$93,750	\$148,750	\$46,250	\$19,244
Masters Other Field	10	\$95,000	\$93,750	\$118,750	\$63,750	\$18,153
Ph.D. Health Physics	10	\$86,750	\$85,000	\$111,250	\$61,250	\$17,111

Table 12: 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	75	\$97,750	\$93,750	\$161,250	\$58,750	\$20,193
Masters Health Physics	38	\$96,184	\$93,750	\$161,250	\$58,750	\$22,612

Table 13: CHPs as RPM/RSO (All CHPs in this category and by Education)

CHPs as RPM/RSO	Count	Average	Median	Max	Min	Std Dev
All CHPs in this Category	60	\$94,208	\$91,250	\$153,750	\$53,750	\$22,268
Masters Health Physics	33	\$92,159	\$88,750	\$131,250	\$53,750	\$19,722

All Full-Time CHPs



Acknowledgements

Thank you to all whom participated in this survey. Your participation benefits the entire health physics community. If you did not participate this year, please plan to do so next year. Scott Medling has included safeguards to protect your privacy.

Call for AAHP Nominations

Johnafred Thomas

The American Academy of Health Physics (AAHP) Nominating Committee needs your assistance in finding good nominees interested in serving as AAHP officers. We are seeking nominees for President-Elect, Treasurer, and Director. Nominees must be current Plenary Members of the AAHP (active or emeritus). The elected candidates will take office at the 2004 Health Physics Society (HPS) Midyear Meeting and serve a three-year term of office.

Please contact any member of the Nominating Committee (Johnafred Thomas, Bob Feinberg, Larry McKay, Steve Gebers, Joel Lubenau, John Serabian, Jerry Hunt, Dave Meyers, Carl Paperiello) by phone, fax, or email to volunteer or to nominate someone. Contact information for these individuals can be found in the HPS Membership Handbook or at the AAHP website

(<http://www.hps1.org/aahp/members/members.htm>).