

THE 2005 CHP SALARY SURVEY

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Introduction

The 2005 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.

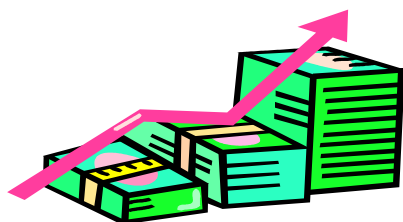
The survey was also available in hardcopy form for those who preferred to fax or mail their responses.

Questions about this survey should be directed to Gary Lautenschlager, via email: 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 two survey respondents were excluded from the data analysis because they indicated that they earned more than \$178,750 per year.

Of 60 respondents who reported receiving a significant (10 % or more) salary increase upon attaining ABHP certification: 22% received this increase from their current employer, 20% from a promotion with their current employer, 48% received this increase from a new employer, 3% from part-time consulting, and 7% 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 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.

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	274	\$102,801	\$101,250	\$178,750	\$48,750	\$22,539

Table 2: CHPs by Education and Field

Education	Count	Average	Median	Max	Min	Std Dev
Bachelors Health Physics	16	\$99,375	\$101,250	\$138,750	\$51,250	\$20,238
Bachelors Other Field	34	\$97,353	\$97,500	\$131,250	\$56,250	\$20,049
Masters Health Physics	118	\$99,831	\$98,750	\$171,250	\$56,250	\$19,363
Masters Other Field	23	\$99,620	\$96,250	\$173,750	\$58,750	\$24,859
Masters Nuclear Engineering	20	\$105,375	\$107,500	\$133,750	\$71,250	\$20,217
Ph.D. Health Physics	23	\$108,424	\$103,750	\$166,250	\$71,250	\$24,568
Ph.D. Other Field	18	\$116,667	\$121,250	\$161,250	\$48,750	\$30,501
Ph.D. Nuclear Engineering	15	\$117,250	\$111,250	\$178,750	\$71,250	\$32,166

Table 3: CHPs by Education and >15 Years Experience

Edu & >15 Yrs Experience	Count	Average	Median	Max	Min	Std Dev
All CHPs >15 yrs Experience	200	\$105,738	\$103,750	\$178,750	\$48,750	\$22,505
Bachelors Health Physics	14	\$98,571	\$98,750	\$138,750	\$51,250	\$21,561
Bachelors Other Field	27	\$101,713	\$103,750	\$131,250	\$56,250	\$19,612
Masters Health Physics	81	\$102,485	\$101,250	\$153,750	\$58,750	\$18,414
Masters Other Field	20	\$102,250	\$98,750	\$173,750	\$58,750	\$25,410
Masters Nuclear Engineering	19	\$104,934	\$106,250	\$133,750	\$71,250	\$20,672
Ph.D. Health Physics	13	\$121,058	\$126,250	\$166,250	\$78,750	\$23,573
Ph.D. Other Field	14	\$122,857	\$125,000	\$161,250	\$48,750	\$30,987

Table 4: CHPs by U.S. Regions*

CHPs by Region	Count	Average	Median	Max	Min	Std Dev
Northeast	41	\$105,579	\$98,750	\$158,750	\$56,250	\$25,605
Midwest	33	\$100,265	\$88,750	\$178,750	\$66,250	\$26,831
South	104	\$100,986	\$98,750	\$173,750	\$56,250	\$22,164
West	70	\$104,321	\$103,750	\$143,750	\$51,250	\$17,106

*- 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 5: Masters Health Physics and Primary Employer

Masters Health Physics & Primary Employer	Count	Average	Median	Max	Min	Std Dev
Commercial	12	\$103,542	\$98,750	\$171,250	\$71,250	\$28,494
Federal Government	28	\$99,911	\$98,750	\$128,750	\$66,250	\$15,627
Government Contractors	18	\$101,944	\$101,250	\$153,750	\$61,250	\$19,793
National Laboratory	15	\$106,417	\$103,750	\$141,250	\$93,750	\$14,282
University	17	\$89,044	\$88,750	\$113,750	\$58,750	\$17,182

Table 6: All CHPs by Other Certifications

All CHPs by Other Certifications	Count	Average	Median	Max	Min	Std Dev
PE	13	\$111,827	\$108,750	\$156,250	\$76,250	\$22,480
NRRPT	55	\$101,295	\$98,750	\$178,750	\$51,250	\$25,638
Other	33	\$113,750	\$108,750	\$173,750	\$76,250	\$24,984

Table 7: Masters Health Physics and Primary Job Responsibility

Masters Health Physics & Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Administration	18	\$100,278	\$97,500	\$141,250	\$71,250	\$19,947
Applied Health Physics	45	\$94,083	\$96,250	\$121,250	\$56,250	\$13,730
Regulations/Standards	10	\$101,000	\$108,750	\$128,750	\$68,750	\$22,529
Environmental	10	\$99,000	\$98,750	\$123,750	\$78,750	\$14,503

Table 8: All CHPs by Primary Job Responsibility

Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Administration	27	\$104,398	\$98,750	\$166,250	\$71,250	\$24,155
Medical Physics	13	\$111,058	\$108,750	\$158,750	\$48,750	\$27,603
Regulations, Standards	23	\$100,707	\$101,250	\$161,250	\$51,250	\$26,414
Applied Health Physics	89	\$95,492	\$96,250	\$151,250	\$56,250	\$18,721
Dosimetry	24	\$100,521	\$101,250	\$136,250	\$66,250	\$16,980
Reactors, Power	19	\$111,776	\$101,250	\$173,750	\$81,250	\$22,261
Radiological Assessment	16	\$103,125	\$101,250	\$148,750	\$71,250	\$21,975
Environmental	17	\$101,985	\$98,750	\$143,750	\$78,750	\$16,601

Table 9: 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	152	\$99,079	\$98,750	\$178,750	\$48,750	\$19,841
Bachelors Other Field	24	\$98,125	\$98,750	\$131,250	\$63,750	\$17,481
Masters Health Physics	58	\$97,759	\$98,750	\$136,250	\$56,250	\$16,417
Masters Other Field	14	\$96,071	\$88,750	\$136,250	\$68,750	\$18,823
Ph.D. Health Physics	13	\$101,635	\$101,250	\$136,250	\$71,250	\$15,473
Ph.D. Other Field	10	\$103,250	\$103,250	\$158,750	\$48,750	\$29,411
Masters Nuclear Engineering	12	\$100,625	\$101,250	\$131,250	\$71,250	\$22,415
Ph.D Nuclear Engineering	11	\$108,977	\$101,250	\$178,750	\$71,250	\$32,547

Table 10: 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	\$105,509	\$102,500	\$171,250	\$56,250	\$23,730
Masters Health Physics	21	\$101,250	\$98,750	\$171,250	\$71,250	\$23,292

Table 11: 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	53	\$103,892	\$101,250	\$166,250	\$58,750	\$22,454
Masters Health Physics	31	\$96,653	\$96,250	\$141,250	\$58,750	\$17,702

Table 12: All CHPs with vacation and health benefits but no retirement benefits

All CHPs no Retirement Benefit	Count	Average	Median	Max	Min	Std Dev
All CHPs in this Category	10	\$99,250	\$97,500	\$126,250	\$63,750	\$17,748

Figure 1: Histogram of Table 1 Data

