

The CHP Corner, February 2022

For CHPs, aspiring CHPs, and anyone else on the bell curve.



The American Academy of Health Physics

Address contributions to:

Editor – Dan Sowers, CHP

Associate Editor – Michael Zittle, MHP, CHP

Email: dsowers430@gmail.com

Email: mzittle@uw.edu



CALL FOR AAHP NOMINATIONS

Jason Flora, CHP, AAHP Nominating Committee Chair

The American Academy of Health Physics Nominating Committee has identified candidates for Academy offices on the 2022 ballot. Successful candidates will take office on January 1, 2023. Offices that will be elected include: President-elect, Treasurer, and Director. All three positions are three-year terms.

At this time, the nominating committee is seeking candidates for the [Joyce P. Davis Memorial Award](#). Our recommendation is due to the Professional Standards and Ethics committee by April 1, 2022. Please consider nominating an individual for this prestigious award!

To volunteer or nominate someone for service or an award, please contact me directly at jasonf@dnfsb.gov or any of our committee members.

AAHP Nominating Committee for 2022:

- Jason Flora, Chair, 2023
- Allen Mabry, 2022 (ex officio, amabry@ec.rr.com)
- Kyle Kleinhans, 2022 (klink17@tds.net)
- Sam Keith, 2022 (skeith@cdc.gov)
- Angela Leek, 2022 (angleek94@gmail.com)
- James Powell, 2022 (powell_81@yahoo.com)
- Andy Miller, 2023 (millera18@ccf.org)
- Tim Barvitskie, 2023 (tjbarvit@gmail.com)
- Michelle Baca, 2024 (michelle.ann.baca@gmail.com)
- Chris Helstern, 2024 (chris.helstern@gmail.com)

THE 2021 CHP SALARY SURVEY

Gary Lauten, CHP, Salary Survey Coordinator

Introduction: The 2021 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. 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. The survey was also available in hardcopy form for those who preferred to fax or mail their responses.

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 \$150,000 to \$152,499; their salary was rounded to the midpoint value of \$151,250.

Responses from CHPs who were either part time or retired were not analyzed, since the data did not allow meaningful comparisons to be made. To minimize skewing the results, data from eight survey respondents were excluded from the data analysis because they indicated that they earned less than \$75,000 or more than \$235,000 per year.

Of 38 respondents attaining ABHP certification within the last two years, 76% did not receive a significant (10% or more) salary increase, whereas 24% did receive a significant salary increase. Of respondents receiving a significant (10% or more) salary increase upon attaining ABHP certification within the last two years: 22% received this increase from their current employer, 33% from a new employer, and 44% received this increase from a promotion.

The CHP Corner, February 2022

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. CHP salaries by region are also presented in this report.

Readers are advised that for statistical validity, results were only given 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 for a subcategory 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 full-time CHPs with health, vacation, and retirement benefits unless otherwise indicated.

Table 1: All CHPs

All CHPs	Count	Average	Median	Max	Min	Std Dev
CHPs	215	\$152,616	\$153,750	\$232,000	\$76,250	\$33,961

Table 2: CHPs by Education and Field

Education	Count	Average	Median	Max	Min	Std Dev
Bachelors Health Physics	16	\$141,272	\$122,500	\$219,350	\$76,250	\$44,033
Bachelors Other Field	21	\$144,821	\$143,750	\$201,250	\$93,750	\$30,594
Masters Health Physics	94	\$155,819	\$156,250	\$232,000	\$76,250	\$33,400
Masters Other Field	24	\$141,667	\$135,000	\$201,250	\$83,750	\$35,598
Masters Nuclear Engineering	15	\$159,500	\$161,250	\$215,000	\$108,750	\$34,698
Ph.D. Health Physics	18	\$162,639	\$171,250	\$203,750	\$121,250	\$24,044
Ph.D. Other	10	\$142,250	\$151,250	\$181,250	\$86,250	\$30,691

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

Education & 6-15 y Experience	Count	Average	Median	Max	Min	Std Dev
All CHPs 6-15 y Experience	67	\$131,567	\$126,250	\$215,000	\$76,250	\$28,009
Masters Health Physics	31	\$132,379	\$128,750	\$203,750	\$76,250	\$24,857

Table 4: CHPs by Education and >15 Years' Experience

Education & >15 y Experience	Count	Average	Median	Max	Min	Std Dev
All CHPs >15 y Experience	145	\$162,008	\$168,750	\$232,000	\$81,250	\$32,450
Bachelors Health Physics	11	\$160,145	\$168,750	\$219,350	\$113,750	\$39,560
Bachelors Other Field	18	\$149,861	\$151,250	\$201,250	\$98,750	\$29,321
Masters Health Physics	62	\$167,249	\$173,750	\$232,000	\$81,250	\$31,299
Masters Other Field	15	\$151,083	\$163,750	\$201,250	\$83,750	\$40,997
Ph.D. Health Physics	16	\$165,313	\$175,000	\$203,750	\$121,250	\$23,942

The CHP Corner, February 2022

Table 5: CHPs by U.S. Regions*

CHPs by Region	Count	Average	Median	Max	Min	Std Dev
Northeast	36	\$150,691	\$148,750	\$217,360	\$76,250	\$37,881
Midwest	26	\$143,788	\$136,250	\$215,000	\$86,250	\$33,952
South	69	\$148,290	\$148,750	\$232,000	\$83,750	\$32,113
West	54	\$159,893	\$161,250	\$229,937	\$93,750	\$31,030

Table 6: Masters Health Physics and Primary Employer

Masters Health Physics & Primary Employer	Count	Average	Median	Max	Min	Std Dev
Federal Government	16	\$155,938	\$171,250	\$178,750	\$93,750	\$25,898
Medical	18	\$152,195	\$145,000	\$213,262	\$76,250	\$38,217
National Laboratory	16	\$161,766	\$156,250	\$227,000	\$128,750	\$29,000
Government Contractor	12	\$169,021	\$168,750	\$232,000	\$123,750	\$31,406
Other Commercial	11	\$163,295	\$163,750	\$215,000	\$113,750	\$29,991

Table 7: All CHPs by Other Certifications

All CHPs by Other Certifications	Count	Average	Median	Max	Min	Std Dev
NRRPT	35	\$155,529	\$153,750	\$232,000	\$98,750	\$35,798
Other	47	\$156,527	\$161,250	\$220,000	\$98,750	\$31,782

Table 8: Masters Health Physics and Primary Job Responsibility

Masters Health Physics & Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Applied Health Physics	28	\$149,491	\$148,750	\$232,000	\$76,250	\$38,205
Medical Health Physics	12	\$166,308	\$172,500	\$229,937	\$121,250	\$38,572

Table 9: All CHPs by Primary Job Responsibility

Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Applied Health Physics	62	\$149,542	\$147,500	\$232,000	\$76,250	\$36,984
Dosimetry	16	\$152,188	\$163,750	\$178,750	\$91,250	\$26,691
Emergency Preparedness	11	\$148,068	\$156,250	\$191,250	\$108,750	\$27,502
Environmental	10	\$156,375	\$155,000	\$220,000	\$113,750	\$31,438
Medical Health Physics	28	\$162,891	\$172,500	\$229,937	\$93,750	\$35,556
Regulations/Standards	15	\$153,583	\$168,750	\$181,250	\$108,750	\$27,589

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	106	\$145,133	\$143,750	\$227,000	\$81,250	\$32,333
Bachelors Health Physics	12	\$137,967	\$121,250	\$219,350	\$96,250	\$39,082
Masters Health Physics	43	\$149,727	\$151,250	\$227,000	\$81,250	\$30,717
Masters Other Field	10	\$120,250	\$121,250	\$168,750	\$83,750	\$24,501

*- 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.

The CHP Corner, February 2022

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	30	\$152,667	\$158,750	\$191,250	\$76,250	\$28,735
Masters Health Physics	16	\$152,969	\$148,750	\$191,250	\$108,750	\$26,516

Table 12: All CHPs as RPM/RSO, University RSO, Medical RSO, University-Med RSO

CHPs as RPM/RSO	Count	Average	Median	Max	Min	Std Dev
All CHPs RPM/RSO	24	\$171,490	\$168,750	\$232,000	\$106,250	\$31,510
All CHPs University RSO	11	\$123,295	\$113,750	\$173,750	\$86,250	\$25,120
All CHPs Medical RSO	23	\$173,057	\$176,250	\$229,937	\$76,250	\$38,894
University/Medical RSO	10	\$153,975	\$147,500	\$211,000	\$121,250	\$27,843

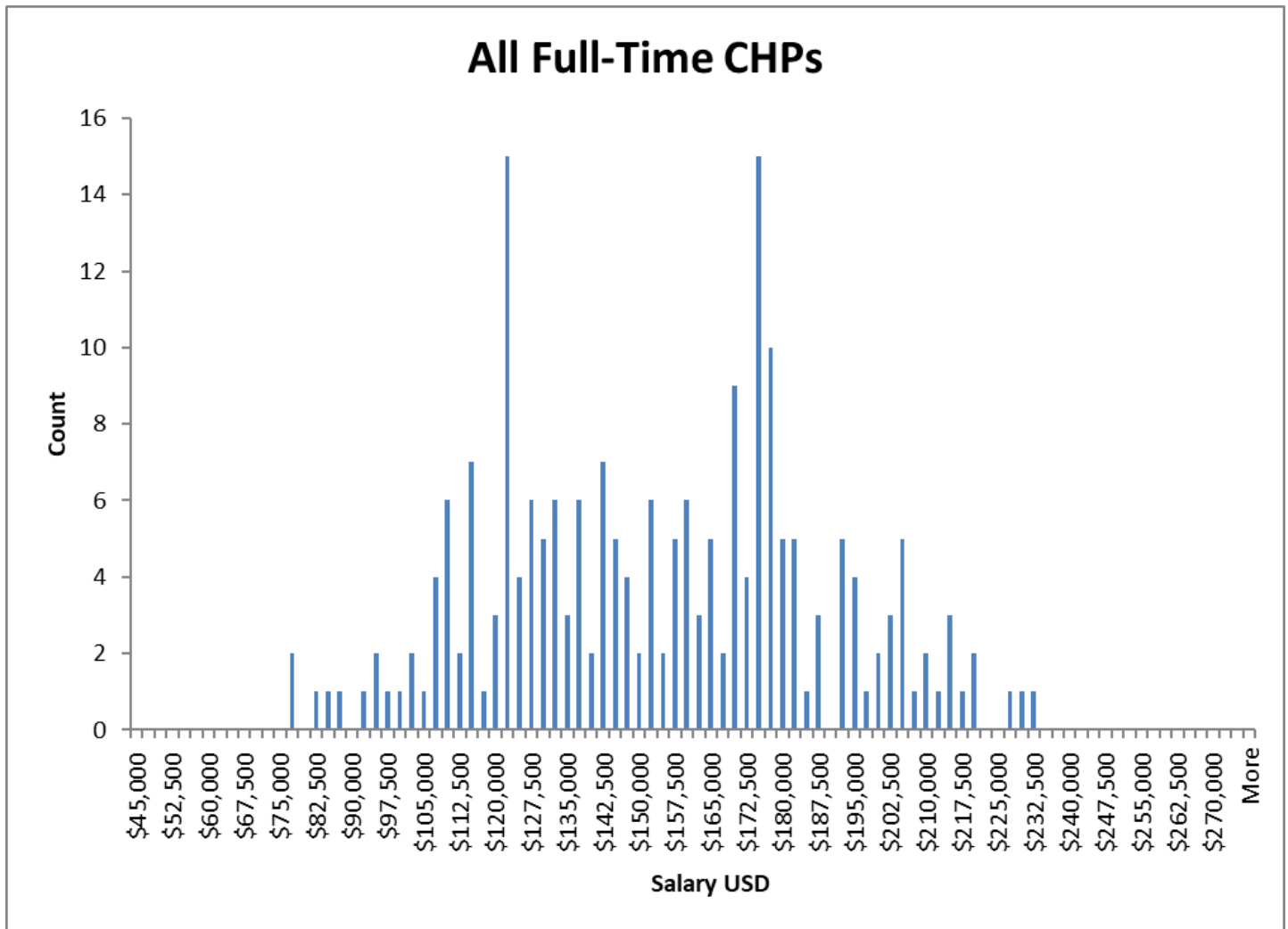


Figure 1: Histogram of Table 1 Data, all CHPs

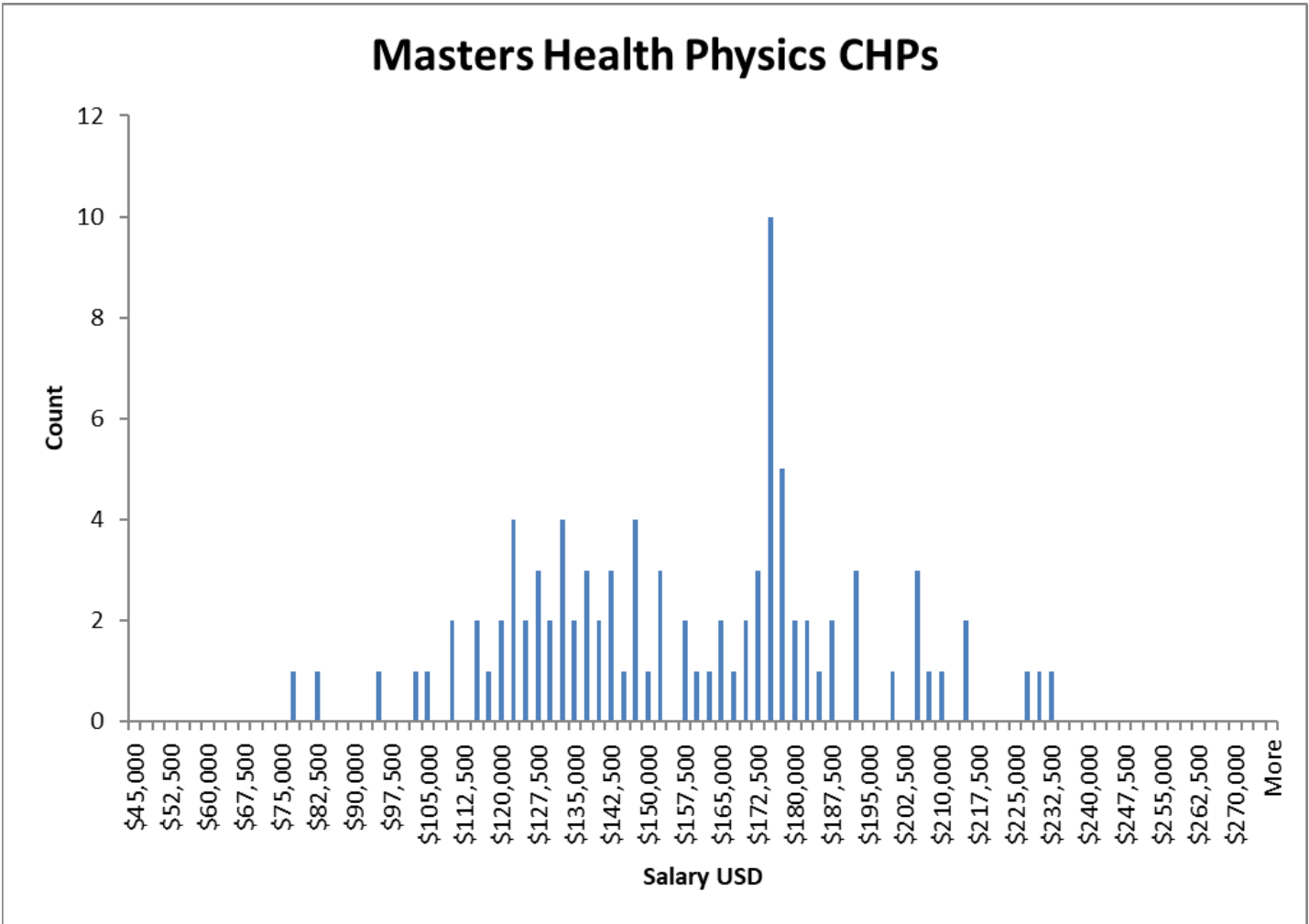


Figure 2: Histogram of Table 2 Data, Masters Health Physics CHPs

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.