

THE 2021 HPS SALARY SURVEY

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Introduction

The 2021 Health Physics Society (HPS) survey data was collected by having health physicists (HPs) 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 certified health physicists (CHPs).

The CHP salary survey results are reported separately in the *CHP Corner*.

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

Questions about this survey should be directed to **Stephen L. Bump** via email: steve.bump@nv5.com

Data Analysis

The salary ranges marked by HPs on the completed survey forms were rounded to the midpoints of those ranges before statistical analyses were performed. For example, if an HP marked the salary range \$50,000 to \$52,499, their salary was rounded to the midpoint value of \$51,250.

Responses from HPs who were either part time or retired were not analyzed, since the data did not appear to allow meaningful comparisons to be made.



HP salaries by region are also presented in this report.

Data Presentation

In an effort to make the results of the survey interesting and useful, HPs were subcategorized in several ways by education, field of practice, primary job responsibility, years of experience, and combinations of these subcategories.

Readers are advised that for statistical validity, results

were given only if there were 10 or more HPs within that subcategory. Data presented for one subcategory of HPs may not be possible for another subcategory. There was a significant reduction in the number of respondents in 2021 versus 2020, as there were only 162 respondents in this survey versus 238 in 2020.

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 fewer than 10 HPs the results were not given.

Tables and Figures

Tables show results for full-time HPs who received health, vacation, and retirement benefits from their primary employer unless otherwise noted.

Histograms of the data shown in Table 1 - All HPs, and Table 2 – Master's Health Physics are included as Figures 1 and 2 respectively.

All of the following tables are for full-time HPs with health, vacation, and retirement benefits unless otherwise indicated.

Table 1: All HPs

All HPs	Count	Average	Median	Max	Min	Std Dev
HPs	162	\$119,346	\$113,750	\$325,000	\$46,250	\$45,176

Table 2: HPs by Education

Education	Count	Average	Median	Max	Min	Std Dev
Bachelor's HP	15	\$97,250	\$96,250	\$148,750	\$51,250	\$29,728
Bachelor's Other	33	\$99,735	\$91,250	\$166,250	\$56,250	\$28,408
Master's HP	59	\$125,847	\$121,250	\$300,000	\$46,250	\$43,626
Master's Other	30	\$133,135	\$130,000	\$254,500	\$76,250	\$47,522
PhD Other	20	\$126,188	\$115,000	\$325,000	\$56,250	\$62,907

Table 3: HPs by Education and < 6 Years' Experience

Edu & <6 Years' Experience	Count	Average	Median	Max	Min	Std Dev
All HPs	45	\$91,139	\$86,350	\$201,250	\$46,250	\$29,329
Bachelor's All	19	\$82,434	\$78,750	\$123,750	\$51,250	\$20,639
Master's HP	12	\$86,667	\$80,000	\$128,750	\$46,250	\$23,400

Table 4: HPs by Education and 6-15 Years' Experience

Edu & 6-15 Years' Experience	Count	Average	Median	Max	Min	Std Dev
All HPs	50	\$109,391	\$107,500	\$220,800	\$56,250	\$29,982
Bachelor's All	13	\$104,519	\$93,750	\$156,250	\$81,250	\$22,990
Master's HP	21	\$113,274	\$121,250	\$158,750	\$66,250	\$23,922

Table 5: HPs by Education and >15 Years' Experience

Edu & >15 Yrs' Experience	Count	Average	Median	Max	Min	Std Dev
All HPs	67	\$145,720	\$138,750	\$325,000	\$61,250	\$49,131
Bachelor's All	16	\$114,063	\$122,500	\$166,250	\$61,250	\$31,634
Master's HP	26	\$154,087	\$161,250	\$300,000	\$83,750	\$44,919
Master's Other	16	\$152,469	\$143,750	\$254,500	\$83,750	\$46,067

Table 6: HPs by US Regions*

HPs by Region	Count	Average	Median	Max	Min	Std Dev
Northeast	28	\$112,634	\$103,750	\$230,000	\$51,250	\$37,092
Midwest	31	\$114,637	\$113,750	\$201,250	\$61,250	\$40,143
South	45	\$127,379	\$121,250	\$300,000	\$46,250	\$53,261
West	38	\$124,592	\$117,500	\$325,000	\$56,250	\$50,288

*- The four major regions of the United States as defined by the US 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 7: Master's Health Physics and Primary Employer

Master's Health Physics & Primary Employer	Count	Average	Median	Max	Min	Std Dev
Federal & State	11	\$130,795	\$123,750	\$173,750	\$66,250	\$37,027
Medical	11	\$140,114	\$128,750	\$203,750	\$76,250	\$47,002
University	13	\$97,788	\$93,750	\$163,750	\$46,250	\$35,156

Table 8: All HPs by Other Certifications

All HPs by Other Certifications	Count	Average	Median	Max	Min	Std Dev
NRRPT	26	\$127,115	\$125,000	\$198,750	\$61,250	\$32,179
Other	39	\$158,521	\$151,250	\$325,000	\$51,250	\$62,779

Table 9: Master's Health Physics by Field of Practice

Master's Health Physics & Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Applied Health Physics	14	\$113,750	\$110,000	\$161,250	\$76,250	\$24,962
Medical Health Physics	10	\$157,375	\$147,500	\$300,000	\$46,250	\$68,704

Table 10: All HPs by Field of Practice

Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Applied Health Physics	40	\$106,813	\$102,500	\$171,250	\$51,250	\$32,441
Environmental	13	\$107,212	\$93,750	\$161,250	\$58,750	\$31,730
Medical Health Physics	24	\$155,377	\$130,000	\$325,000	\$46,250	\$74,013
Radiological Engineering	11	\$125,114	\$121,250	\$178,750	\$78,750	\$32,391
Regulations and Standards	11	\$130,341	\$133,750	\$198,750	\$66,250	\$40,098

Table 11: HPs as Professional Staff (All HPs in this category and by Education)

HPs as Professional Staff	Count	Average	Median	Max	Min	Std Dev
All HPs in this Category	89	\$115,846	\$111,250	\$300,000	\$46,250	\$43,059
Bachelor's All	30	\$98,083	\$91,250	\$151,250	\$51,250	\$26,741
Master's HP	27	\$116,019	\$106,250	\$300,000	\$46,250	\$46,940
Master's Other	19	\$134,950	\$118,750	\$254,500	\$76,250	\$51,703
PhD All	11	\$120,114	\$116,250	\$201,250	\$71,250	\$35,905

Table 12: HPs as Supervisor of Professional Staff

HPs as Supervisor of Professional Staff	Count	Average	Median	Max	Min	Std Dev
All HPs in this Category	16	\$136,484	\$125,000	\$325,000	\$66,250	\$62,210

Table 13: All HPs as Facility Manager, RPM/RSO, University RSO

HPs as RPM/RSO	Count	Average	Median	Max	Min	Std Dev
All HPs as RPM/RSO	12	\$130,417	\$128,750	\$173,750	\$86,250	\$28,749
University RSO	13	\$103,750	\$93,750	\$163,750	\$58,750	\$37,095
Medical RSO	12	\$160,938	\$148,750	\$230,000	\$111,250	\$39,565

Figure 1: Histogram of Table 1 Data, all HPs

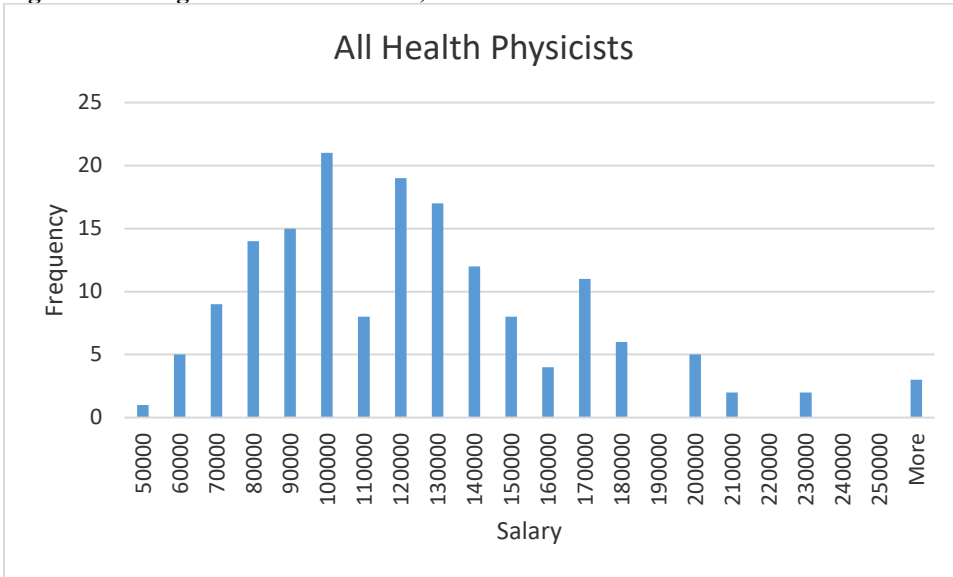
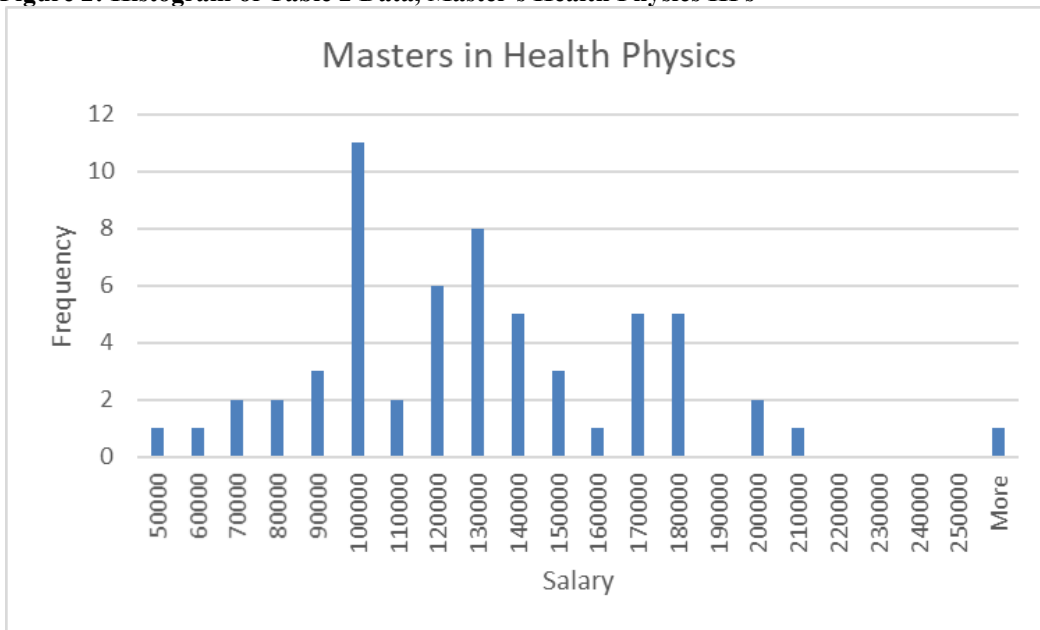


Figure 2: Histogram of Table 2 Data, Master's Health Physics HPs



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.