

THE 2020 HPS SALARY SURVEY

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Introduction

The 2020 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 were approximately the same number of respondents in 2020 as compared to 2019.

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	238	\$122,944	\$118,750	\$430,000	\$41,250	\$48,113

Table 2: HPs by Education

Education	Count	Average	Median	Max	Min	Std Dev
Bachelor's HP	26	\$98,269	\$98,750	\$156,250	\$46,250	\$29,758
Bachelor's Other	42	\$110,952	\$107,500	\$193,750	\$53,750	\$32,258
Master's HP	78	\$123,013	\$121,250	\$255,000	\$58,750	\$41,718
Master's Other	58	\$137,385	\$127,500	\$337,500	\$41,250	\$52,428
PhD Other	24	\$133,177	\$120,000	\$430,000	\$48,750	\$75,277

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

Edu & <6 Years' Experience	Count	Average	Median	Max	Min	Std Dev
All HPs	59	\$83,962	\$83,750	\$151,250	\$41,250	\$23,324
Bachelor's All	21	\$76,726	\$78,750	\$106,250	\$46,250	\$18,835
Master's HP	19	\$85,329	\$86,250	\$106,250	\$58,750	\$15,550
Master's Other	10	\$86,250	\$77,500	\$148,750	\$41,250	\$31,623

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

Edu & 6-15 Years' Experience	Count	Average	Median	Max	Min	Std Dev
All HPs	62	\$109,153	\$110,000	\$191,250	\$48,750	\$26,670
Bachelor's All	13	\$102,404	\$96,250	\$163,750	\$78,750	\$25,548
Master's HP	26	\$112,212	\$122,500	\$141,250	\$58,750	\$23,644
Master's Other	12	\$117,292	\$117,500	\$191,250	\$63,750	\$32,985

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

Edu & >15 Years' Experience	Count	Average	Median	Max	Min	Std Dev
All HPs	116	\$150,371	\$141,250	\$430,000	\$68,750	\$49,718
Bachelor's HP	10	\$122,500	\$123,750	\$156,250	\$88,750	\$20,421
Bachelor's Other	24	\$126,979	\$131,250	\$193,750	\$68,750	\$27,391
Master's HP	32	\$155,000	\$152,500	\$255,000	\$78,750	\$41,038
Master's Other	36	\$158,287	\$145,000	\$337,500	\$86,250	\$50,422

Table 6: HPs by US Regions*

HPs by Region	Count	Average	Median	Max	Min	Std Dev
Northeast	46	\$116,588	\$113,750	\$245,000	\$41,250	\$46,082
Midwest	40	\$116,888	\$123,750	\$430,000	\$53,750	\$63,639
South	75	\$121,933	\$121,250	\$250,000	\$48,750	\$41,573
West	53	\$125,778	\$123,750	\$337,500	\$66,250	\$43,482

*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	13	\$141,058	\$141,250	\$173,750	\$98,750	\$23,859
Medical	17	\$125,265	\$126,250	\$222,000	\$71,250	\$43,298
University	12	\$91,875	\$88,750	\$143,750	\$58,750	\$25,386
National Laboratory	11	\$154,250	\$138,750	\$255,000	\$106,250	\$47,494

Table 8: All HPs by Other Certifications

All HPs by Other Certifications	Count	Average	Median	Max	Min	Std Dev
NRRPT	34	\$124,956	\$121,250	\$216,000	\$63,750	\$38,418
American Board of Radiology	11	\$217,233	\$198,750	\$430,000	\$106,250	\$93,438
Other	45	\$146,322	\$131,250	\$337,500	\$51,250	\$58,282

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	16	\$111,094	\$123,750	\$153,750	\$58,750	\$31,151
Medical Health Physics	10	\$147,450	\$132,500	\$250,000	\$88,750	\$54,690

Table 10: All HPs by Field of Practice

Primary Job Responsibility	Count	Average	Median	Max	Min	Std Dev
Administration	14	\$133,393	\$147,500	\$191,250	\$56,250	\$40,034
Applied Health Physics	51	\$111,765	\$116,250	\$210,000	\$51,250	\$33,416
Dosimetry	13	\$116,250	\$123,750	\$156,250	\$73,750	\$28,759
Emergency Preparedness	13	\$123,750	\$116,250	\$171,250	\$71,250	\$32,708
Environmental	15	\$101,083	\$88,750	\$163,750	\$48,750	\$37,159
Instrumentation	11	\$124,886	\$131,250	\$172,750	\$73,750	\$29,184
Medical Health Physics	30	\$148,136	\$132,500	\$337,500	\$41,250	\$67,133
Radiological Engineering	19	\$148,776	\$111,250	\$430,000	\$71,250	\$86,566
Regulations and Standards	19	\$110,855	\$113,750	\$168,750	\$51,250	\$32,116

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	131	\$112,193	\$106,250	\$250,000	\$46,250	\$36,798
Bachelor's HP	21	\$93,988	\$96,250	\$156,250	\$46,250	\$29,505
Bachelor's Other	21	\$111,250	\$108,750	\$193,750	\$63,750	\$31,888
Master's HP	44	\$110,256	\$106,250	\$250,000	\$58,750	\$36,189
Master's Other	24	\$122,604	\$117,500	\$201,250	\$63,750	\$35,585
PhD All	17	\$115,074	\$116,250	\$203,750	\$48,750	\$41,656

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	\$132,578	\$135,000	\$210,000	\$58,750	\$40,160

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	22	\$142,239	\$138,750	\$255,000	\$41,250	\$50,250
University RSO	13	\$109,519	\$93,750	\$191,250	\$56,250	\$40,394
Medical RSO	28	\$145,636	\$137,500	\$225,000	\$73,750	\$42,581
University Medical RSO	11	\$134,318	\$128,750	\$230,000	\$73,750	\$41,470

Figure 1: Histogram of Table 1 Data, all HPs

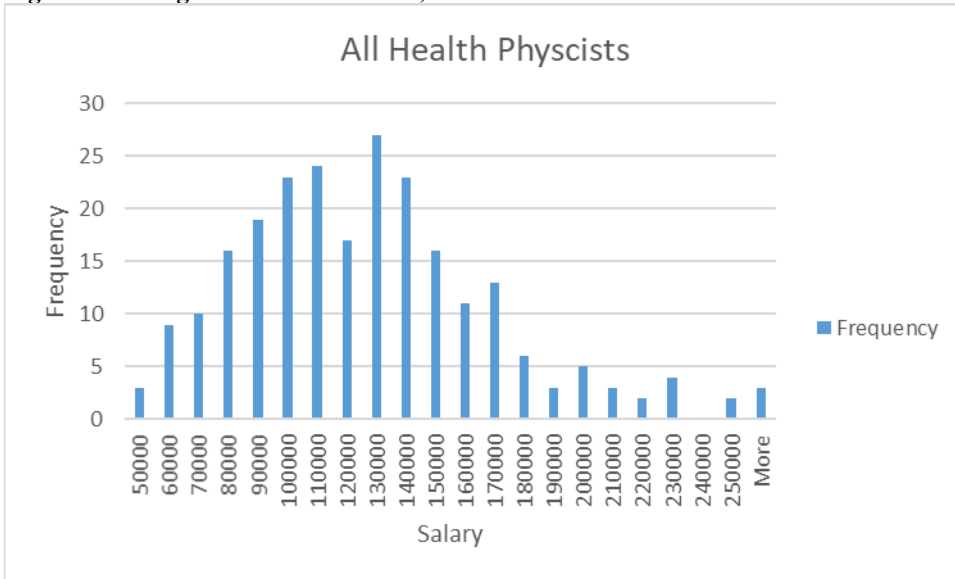
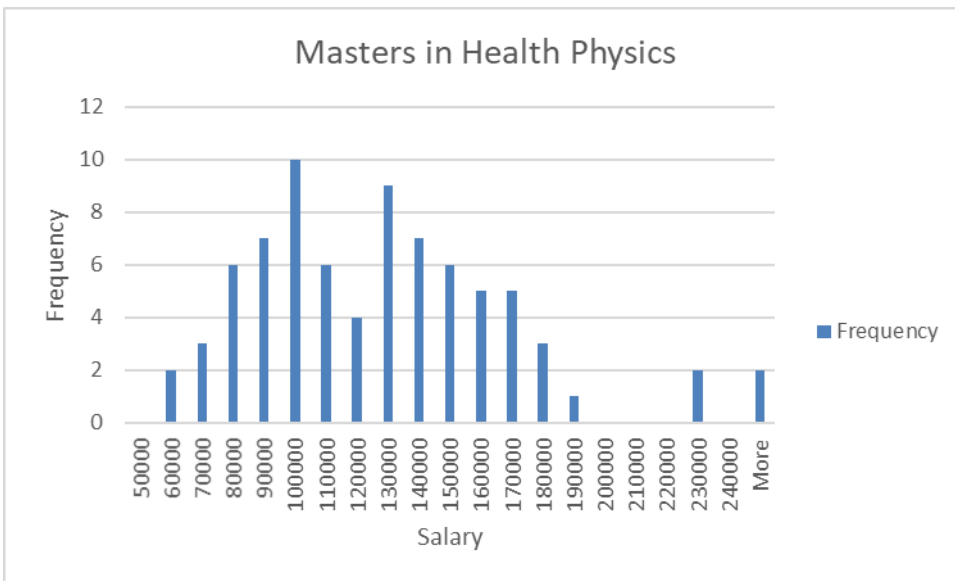


Figure 2: Histogram of Table 2 Data, Master's Health Physics HPs



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.