

The 2007 HPS Salary Survey

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Introduction

This year's health physicist salary survey data was collected in conjunction with a Web-based survey of the entire Health Physics Society (HPS).

Readers should note that there are two salary surveys: One for CHPs and one for non-CHPs. Gary Lautenschlager reported the CHP salary survey results separately in the December 2007 *CHP News*, Volume 17, Number 2. The results reported in this survey do not include respondents who are CHPs.

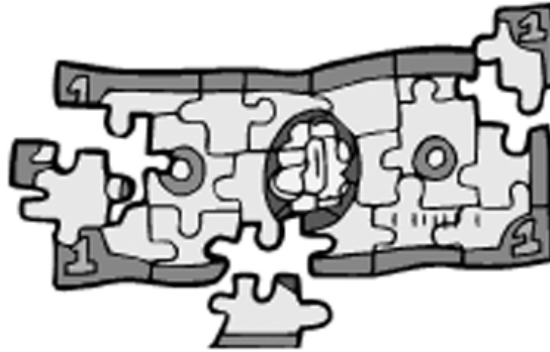
Questions about this survey should be directed to Chris Graham (ccgraham@cal.ameren.com).

Data Analysis

The salary ranges marked by health physicists on the completed survey forms were rounded to the midpoints of those ranges before statistical analyses were performed. For example, if a salary was marked in the range \$50,000 to \$54,999, then it was rounded to the midpoint value of \$52,500. For salaries greater than \$175,000, the actual value was used.

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

There has been no attempt to analyze and draw conclusions from the data; this is left to the reader.



In addition to the salary information, there are tables which provide a breakdown of experience by education level and job responsibility by education level to assist the reader in interpreting the salary data. Health physicist salaries by region are also presented in this report.

Data Presentation

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

Readers are cautioned that for statistical validity and in order to preserve anonymity, results are provided only if there were 10 or more responses within that subcategory. Data presented for one subcategory may not be possible

for another subcategory.

Every effort was made to keep the subcategories consistent with the previous HPS salary surveys, however, the subcategories will vary from one year to the next based on the number of responses. There was a low response to this year's survey, and many of the data tables provided in previous years were not possible this year.

The tables show results for full-time health physicists who received health, vacation, and retirement benefits from their primary employer.

Acknowledgments

Many thanks to all who participated in this survey. Your participation benefits the entire health physics community. Special thanks to Scott Medling for his helpful comments and suggestions and for coding the survey and making it available on the Internet, and a very special thanks to Gary Lautenschlager for initiating the CHP salary survey from which this survey was born some years ago. The careful reader may also note an uncanny similarity between this report and the CHP salary survey report. Any similarities are still entirely intentional; let's call it recycling good ideas—every year.

Table 1**Experience by Education Level**

Education	Responses	<6 Years Experience	6-15 Years Experience	>15 Years Experience	<6 Years Current Job	≥6 Years Current Job
Associate's Degree	13	0	1	12	2	11
BS Health Physics	32	8	4	20	20	12
MS Health Physics	100	14	25	61	44	56
PhD Health Physics	12	2	5	5	4	8
MS Nuclear Engineering	18	1	9	8	9	9
Bachelor's Other	90	11	20	59	33	57
Master's Other	73	7	16	50	25	48
PhD Other	32	3	4	25	9	23
Total Responses:	370	46	84	240	146	224

Table 2**Job Responsibility by Education Level**

Job Title	Responses	Nondegree Associate's Degree Technical Degree	Bachelor's (all)	Master's (all)	Doctorate (all)
Technician	14	6	5	3	0
Supv. Professional Staff	48	1	13	21	13
Professional Staff	220	7	64	102	35
RPM/RSO	43	8	12	23	0
University RSO	34	0	12	21	1
Medical RSO	15	0	5	8	2
Total Responses:	382				

Table 3**Salary by Education and Experience**

Education	Experience	Responses	Avg.	Median	Min.	Max.	Std. Dev.
Associate's Degree	>15 yrs	13	85,096	86,250	48,750	143,750	26,957
BS Health Physics	>15 yrs	20	89,750	91,250	38,750	131,250	27,486
MS Health Physics	<6 yrs	14	68,571	63,750	41,250	103,750	19,598
MS Health Physics	6-15 yrs	25	85,150	86,250	46,250	126,250	24,066
MS Health Physics	>15 yrs	61	109,569	103,750	48,750	250,000	34,327
Bachelor's Other	<6 yrs	11	56,022	53,750	41,250	76,250	11,037
Bachelor's Other	6-15 yrs	20	70,000	73,750	46,250	96,250	17,705
Bachelor's Other	>15 yrs	59	94,300	86,250	41,250	300,000	38,021
Master's Other	6-15 yrs	17	73,308	76,250	41,250	113,750	21,199
Master's Other	>15 yrs	50	99,075	93,750	46,250	240,000	32,945
PhD Other	>15 yrs	25	102,550	103,750	53,750	151,250	23,061
Total Responses:		315					

Region	Responses	Average	Median	Minimum	Maximum	Std. Dev.
Midwest	61	82,664	83,750	41,250	240,000	33,347
Northeast	70	91,803	88,750	46,250	180,000	25,968
South	135	88,638	86,250	38,750	163,750	28,598
West	97	96,829	96,250	43,750	250,000	31,537
Total Responses	363					

* 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.

Employer	Responses	Average	Median	Minimum	Maximum	Std. Dev.
Federal Government	59	102,563	101,250	56,250	163,750	25,961
State Government	27	77,546	78,750	38,750	111,250	19,786
Medical Facility	35	95,357	91,250	46,250	210,000	34,368
Consulting Firm	37	110,202	96,250	43,750	300,000	49,892
University	82	72,439	68,750	41,250	126,250	22,153
National Laboratory	37	103,209	108,750	61,250	151,205	23,907
Government Contractor	44	89,460	86,250	43,750	185,000	25,536
Nuclear Power Utility	21	102,202	101,250	71,250	153,750	20,683
Other Commercial	48	93,619	91,250	41,250	250,000	33,483
Other Research	11	79,204	68,750	51,250	126,250	22,215
Total Responses	401					

Table 6

Salary by Education Level

Educational Level	Responses	Average	Median	Minimum	Maximum	Std. Dev.
Nondegree	10	86,750	73,750	56,250	126,250	24,994
Associate's Degree	14	85,000	83,750	48,750	143,750	25,902
BS Health Physics	35	81,678	78,750	38,750	131,250	24,438
MS Health Physics	102	97,941	96,250	41,250	250,000	33,770
PhD Health Physics	14	104,642	101,250	56,250	156,250	28,548
MS Nuclear Engineering	19	99,144	101,250	61,250	146,250	25,100
Bachelor's Other	91	84,189	81,250	41,250	300,000	34,931
Master's Other	74	89,712	86,250	41,250	240,000	32,336
PhD Other	32	99,062	90,750	53,750	151,250	22,591
Total Responses	391					

Table 7

Salary by Job Responsibility

Job Responsibility	Responses	Average	Median	Minimum	Maximum	Std. Dev.
Technician	14	63,214	56,250	41,250	103,750	18,401
Supv. Professional Staff	48	101,223	98,750	38,750	185,000	26,468
Professional Staff	228	88,125	86,250	41,250	166,250	26,606
RPM/RSO	43	97,936	88,750	41,250	156,250	27,221
University RSO	34	77,794	76,250	41,250	118,750	19,877
Medical RSO	15	105,083	101,250	63,750	148,750	22,278
Total Responses	348					

Table 8

Salary by Field of Expertise

Expertise	Responses	Average	Median	Minimum	Maximum	Std. Dev.
Administration	26	90,384	86,250	46,250	156,250	25,158
Applied HP	128	87,988	83,750	43,750	300,000	31,817
Dosimetry	18	102,013	93,750	56,250	250,000	42,358
Environmental	37	93,614	93,750	41,250	151,250	27,442
Radiological Assessment	27	95,694	96,250	46,250	143,750	23,052
Regulations/Standards	42	94,196	83,750	38,750	240,000	39,785
Research (Basic)	16	95,312	96,250	48,750	148,750	30,712
Waste Management	14	76,964	68,750	41,250	153,750	31,123
Reactors, Power	17	102,941	93,750	66,250	105,000	29,063
Medical Physics	31	100,564	101,250	46,250	210,000	36,372
Total Responses	356					