


Salary Survey of Biostatistics and Other Biomedical Statistics Departments and Units

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Here are results from the fall 2008 Salary Survey of Biostatistics and Other Biomedical Statistics Departments and Units conducted by the ASA. All salary figures are for a 12-month period. As in the past, previous salary survey data have been included for comparative purposes. The estimates are based on responses from 25 departments, plus a few individuals who responded to the survey. If you have questions regarding the tabulations, or if you would like your biostatistics unit to participate in future surveys, email Keith Crank, assistant director for research and graduate education, at keith@amstat.org.



Rank/Year in Rank	Percentile	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008
		Sample Size	Sample Size	Sample Size	Sample Size	Sample Size	Sample Size	Sample Size
Assistant 1–3	25th	\$68,680	\$70,020	\$73,345	\$79,560	\$82,400	\$86,000	\$89,200
	50th	78,500	78,309	78,640	83,000	85,000	88,452	93,600
	75th	80,490	82,017	84,505	88,000	90,000	92,869	98,300
		(39)	(71)	(76)	(149)	(112)	(106)	(69)
4 or more	25th	\$69,000	\$73,217	\$78,611	\$81,588	\$84,476	\$87,400	\$90,500
	50th	77,000	79,692	83,408	87,000	88,471	92,000	95,500
	75th	82,800	83,796	87,018	94,039	94,819	98,220	106,200
		(33)	(30)	(48)	(55)	(48)	(65)	(62)
Associate 0–2	25th	\$74,826	\$86,415	\$92,000	\$94,255	\$89,937	\$102,525	\$102,500
	50th	78,280	94,000	96,056	100,215	100,441	110,493	110,800
	75th	99,063	99,412	99,759	103,378	113,000	118,900	127,000
		(07)	(23)	(35)	(40)	(46)	(50)	(36)
3 or more	25th	\$81,840	\$84,670	\$88,142	\$95,634	\$101,384	\$105,000	\$109,300
	50th	94,212	98,219	97,000	103,334	107,981	109,350	118,000
	75th	101,650	105,951	107,313	117,747	120,000	124,924	130,000
		(37)	(48)	(47)	(53)	(65)	(66)	(69)
Full 0–6	25th	\$92,095	\$110,000	\$115,000	\$122,095	\$127,893	\$137,991	\$130,200
	50th	114,796	125,000	130,500	147,988	147,488	163,870	145,200
	75th	133,561	150,000	156,000	172,664	177,840	180,365	174,600
		(24)	(41)	(46)	(47)	(54)	(60)	(65)
7 or more	25th	\$115,489	\$120,925	\$126,931	\$127,630	\$139,959	\$147,575	\$156,200
	50th	140,221	145,712	148,000	151,410	172,523	180,760	187,000
	75th	152,360	166,413	164,459	171,303	197,277	209,147	215,500
		(44)	(72)	(72)	(87)	(84)	(71)	(77)
Starting Assistant Professors	25th	\$64,000	\$70,000	\$72,100	\$81,600	\$77,500	\$84,000	\$87,500
	50th	68,750	75,000	79,342	84,000	82,400	85,000	91,500
	75th	70,000	80,000	83,000	95,833	85,279	93,150	98,500
		(09)	(21)	(34)	(22)	(27)	(13)	(09)

In 2008, as part of the academic salary survey, data were collected on nonfaculty academic statisticians and biostatisticians. The following table provides information about the salaries for full time, non-faculty, academic biostatisticians. (There were not enough responses for nonfaculty academic statisticians to provide summary statistics.) Quartiles are provided for categories that have seven or more respondents. The 90th percentile is provided for any category that has 19 or more respondents. All percentiles are rounded to the nearest \$100.

Highest Degree	Years Since Highest Degree	Count	1st Quartile	Median	3rd Quartile	90th Percentile
Master's	0-2	20	\$ 53,400	\$ 55,500	\$ 57,900	\$ 59,300
	3-5	22	\$ 56,300	\$ 59,900	\$ 70,800	\$ 71,000
	6-10	19	\$ 65,700	\$ 70,500	\$ 77,300	\$ 84,500
	11-15	10	\$ 71,400	\$ 76,000	\$ 81,600	NA
	16 or more	7	\$101,400	\$103,800	\$126,800	NA
	Missing	5	NA	\$ 66,400	NA	NA
	All	83	\$ 56,400	\$ 65,600	\$ 73,700	\$ 85,200
PhD	All	7	\$ 79,600	\$ 88,600	\$104,800	NA
Unknown	All	11	\$ 68,700	\$ 75,400	\$ 87,300	NA

These salaries are lower than the salaries for comparable experience and no management responsibility in the 2007 SPAIG salary survey (www.amstat.org/profession/SPAIGsalarysurvey07.pdf, tables 10, 12, and 13). Table 13 of the SPAIG survey is the one that should be most comparable to this table. While it is not surprising that industry pays more for biostatisticians than does academia, it is somewhat surprising that tables 10 and 12 of the SPAIG survey also have higher values than appear in this table. ■

