

Security Job Market 'Rocking,' But Pressures Rise

Security continues to be information technology's hottest necessary evil, but the pressures of doing more with less are starting to wear on professionals.

By Robert Lemos



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Robert Lemos is a veteran technology journalist of more than 16 years and a former research engineer. His articles have appeared in *Business Week*, *CIO* magazine, *CNET News.com*, *Computing Japan*, *CSO* magazine, *Dark Reading*, *eWEEK*, *InfoWorld*, *MIT Technology Review*, *Popular Science*, *Threatpost*, *USA Today*, *Wired* News and *ZDNet* News. Lemos currently specializes in network and computer security, cybercrime, cyber conflict and enterprise technology.

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SYNOPSIS

RESEARCH

Survey Name 2013 *InformationWeek* U.S. IT Salary Survey: Security

Survey Date January 2013

Region United States

Number of Respondents 682 IT security professionals, composed of 390 staff and 292 managers

Purpose To track IT salary and compensation trends from the perspective of those on the front lines, *InformationWeek* conducts an annual U.S. IT Salary Survey. Now in its 16th year, it's the largest employee-based IT salary survey in the country. Last year 13,880 full-time IT professionals completed the Web-based survey. This year 14,074 took part. The goal of this trendable study is to measure various aspects of compensation, benefits and job satisfaction. This report focuses on the 682 IT security professionals who participated in the survey.

Methodology The survey was designed by *InformationWeek* and fielded online. The survey was promoted in *InformationWeek's* daily and weekly newsletters. In addition, email invitations with an embedded link to the survey were sent to qualified IT professionals from *InformationWeek* Business Technology Network print, newsletter and events databases. The survey was fielded from November 2012 to January 2013.

The information in this report is based on responses from 682 IT security professionals. Unemployed and part-time workers were excluded from these results, as were respondents from outside the United States. This report uses median rather than mean or average figures for salary and %age salary changes to eliminate distortions caused by extremes at the high or low ends of the responses.

Salary Survey: Security

At the RSA Conference in February, Department of Homeland Security deputy undersecretary for cybersecurity Mark Weatherford stressed the need to develop more cybersecurity talent in the U. S. Good IT security professionals are in high demand, he told attendees.

“What’s the unemployment rate for a good cybersecurity person? Zero,” Weatherford said, adding that government agencies and the private sector were stealing the best people from each other. “We are all familiar with the fratricide going on.”

The *InformationWeek* 2013 U.S. IT Salary Survey of 682 IT security professionals confirms that the market for security pros is booming, so much so that the gender gap has nearly closed when it comes to pay. But interviews with respondents suggest that the scarcity of security professionals has resulted in a frenetic pace that has left some unsatisfied and, ironically, feeling less secure in their jobs than last year. In addition, companies’ decisions to outsource some of their security functions

have left U.S. college graduates with fewer paths to pick up IT security and move into higher-paid positions.

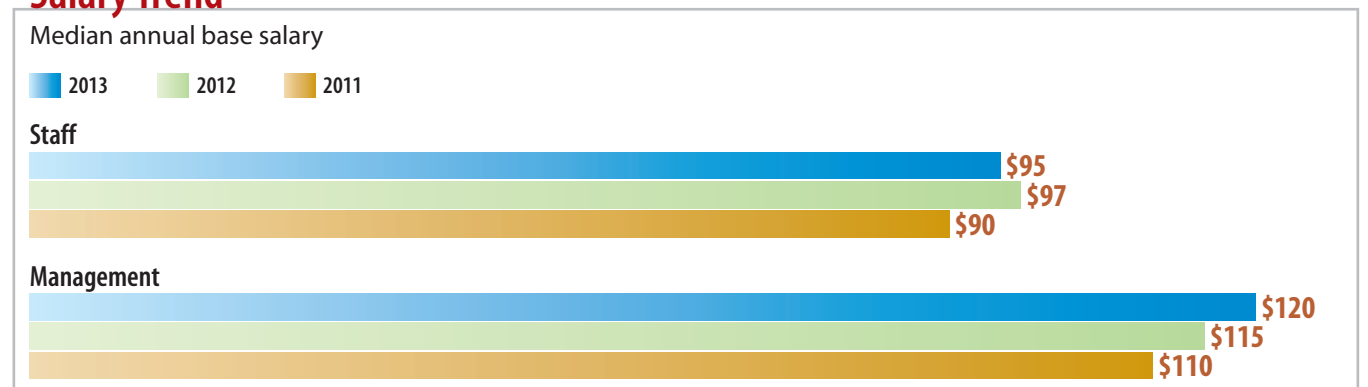
Salaries split in 2013, with the median staff salary declining \$2,000 to \$95,000 this year. Management salaries continued to rise, topping \$120,000 in 2013, up \$5,000 from the previous year. The trend in total compensation reflects the same split as salaries: Total compensation for staff declined in 2013 to a me-

dian of \$98,000, down \$5,000, while management saw a \$2,000 increase, to \$129,000.

Compared with the general market for IT professionals, however, security salaries and compensation are much stronger. Salaries for both information technology staff and management increased \$2,000 in 2013, to \$87,000 and \$110,000, respectively — much lower than either category of IT professional.

“It’s rocking right now,” says Preston George,

Figure 1
Salary Trend



Note: Median salary in thousands of dollars
Base: 390 staff and 292 managers in 2013
Data: *InformationWeek* 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/1

a senior cybersecurity analyst with a federal agency. “There are so many opportunities out there, I can’t count them.”

Satisfaction rates continue to be high as well. 63% of IT security staffers are satisfied or very satisfied with all aspects of their jobs, while nearly two-thirds of IT security managers are similarly content. George, for example, loves working for his federal agency but will likely leave soon — the competitive pay and benefits offered by the private sector make it hard for the government to compete. Like 68% of staff and 73% of managers, higher compensation is the top reason for leaving.

But satisfaction comes not just from money and perks. Increasingly, organizations are looking at IT security as not just a necessary evil. More than 80% of respondents say security is considered crucial by upper management or within certain areas of the business. Compliance is considered the top priority in 31% of organizations and one of the most important priorities in an additional 52%.

Respondents also say that companies have started recognizing the need to create and

maintain better digital defenses.

“The interesting part I’m seeing is that people are interested in more than just compliance — they are interested in actual security,” says Jens C. Laundrup, principal consultant with consultancy Emagined Security. “They are realizing that if their security is bad, and if they get breached, they will be killing their reputation and killing their name.”

Yet with companies’ greater recognition of the need for security professionals comes a downside: In 2013, security practitioners

showed a slight drop in how secure they feel in their jobs. While other IT disciplines continue to feel as secure in their positions as in 2012, IT security staff saw a seven-point drop, to 43%, in the number that feel very secure. Overall, 89% of IT security staffers feel at least somewhat secure in their jobs, down from 92% in 2012, and 92% of IT security managers feel secure, down slightly from 93% in 2012.

None of the IT security practitioners interviewed was worried. “Everyone I know in the security industry — myself included — are

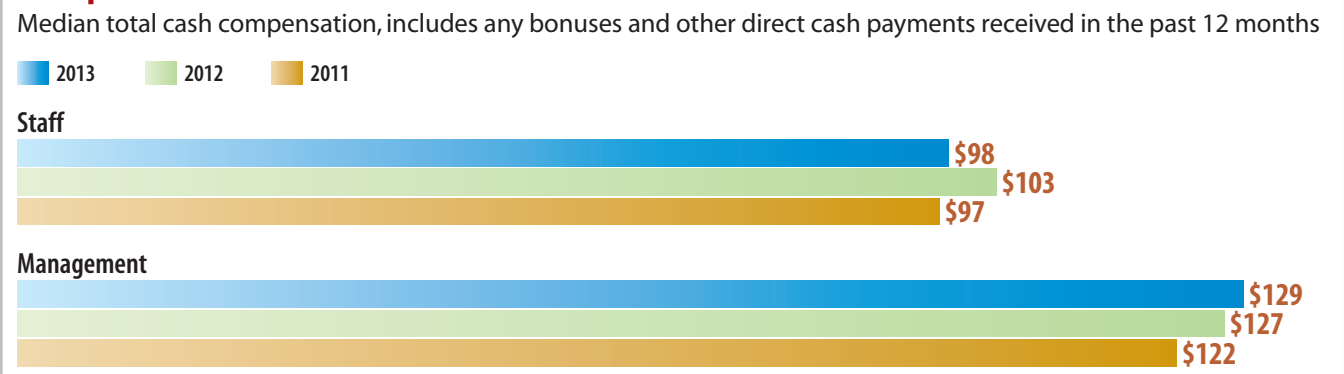
FAST FACT

63%

of IT security staffers are satisfied or very satisfied with all aspects of their jobs, while nearly two-thirds of IT security managers are similarly content.

Figure 2

Compensation Trend



Note: Median compensation in thousands of dollars

Base: 390 staff and 292 managers in 2013

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

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secure in their jobs,” says Ivor Coons, a security channel sales engineer who asked that his company not be named. “I don’t know where that trend comes from.”

IT security is a stressful occupation, and that could be contributing to the feeling of insecurity, says Coons.

Another perspective: It’s the complexity and reliance on IT security making workers worry, says Barbara Bartley, executive director of IT operations and information security for Baptist Health. Bartley points out that while there’s a great deal of demand for workers in security, the expectations can be very high, and that leads to stress and uncertainty. The ever-changing nature of technology — especially security technology — leads workers to always feel under pressure.

“It’s gone from just taking care of the integrity of your devices in-house, to, now it’s the cloud, it’s mobile devices, watching for breaches and the high-tech rules — these have changed so much, and the expectations are so great that any one of us feels that [we are] more vulnerable,” Bartley says. “So you

Figure 3

Increase in Base Salary

Median percentage change in base salary

	2011	2012	2013
Staff	0.9%	1.3%	1.6%
Management	1.9%	2.0%	2.1%

Base: 390 staff and 292 managers in 2013

Data: *InformationWeek* 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

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don’t feel secure. With this economy nowadays, I don’t know if anyone feels secure in their job.”

Some of the insecurity may also come from uncertainty about government funding and the sequester. Many of the industries, including defense contractors and healthcare, that have made strides in securing their systems have done so because the government accounts for a large part of their business, says a security team leader at a Midwest healthcare insurer who asked not to be identified.

“When the government talks about making cuts to Medicare, as a government contractor, that means they are talking about making cuts to us,” he says.

Not Just a Man’s World

Demand for knowledgeable IT security workers has helped close the earnings gap between men and women. While there continues to be roughly a \$10,000 difference in salaries between the genders in the IT market in general, male and female IT security workers are making almost identical salaries, with no difference between men and women in management positions. Male security staffers still make \$2,000 more than the average female IT security pro.

Bartley says she’s treated on par with her male counterparts, perhaps because healthcare has become a more egalitarian workplace. A decade ago, when administrators and

information technology staff tended to be pulled from the business side of healthcare, men often got preferential treatment. Now, however, many administrators rise up through the nursing ranks, a field dominated by women, Bartley says. The chief operating officer at Baptist Health is a woman, as are the hospital administrator and the previous administrator.

As a result, women have equal responsibilities, and in most cases pay.

“It has been very equitable and been based on experience, education and on outcomes, and not by gender,” she says. “If you would have asked me that question 10 years ago, there would have been a defined difference.”

Lisa Ackerman, managing director of information assurance at Tresys Technology, an information security consultancy, agrees that, in the security field at least, the gap between men and women is narrowing.

“For a long time, I was the only woman everywhere I went, and now I’m starting to see a lot more women everywhere I go,” Ackerman says. “More opportunities are available as

a whole across security, in terms of the types of degrees that are offered and the types of jobs that are available, and women are more interested in the opportunities.”

Certification continued to be a major asset for IT security workers, with staff members

holding certifications making \$12,000 more in base salary than their noncertified co-workers’ median salary of \$84,000. Managers with certifications also received a hefty premium of \$10,000 more than the \$110,000 median salary for noncertified managers.

Figure 4

Gender Gap

What is your current annual base salary?

2013 2012 2011

Female staff



Male staff



Female managers



Male managers



Note: Median base salary in thousands of dollars

Base: 73 female and 609 male IT security professionals in 2013

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

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Workers with certifications also have an edge when looking for new jobs. While companies value training, with 56% of staff and 66% of management attending employer-paid training, companies paid for certification opportunities only about half as often — perhaps for that very reason.

“I don’t think certification is about job-proofing, in terms of making your job more secure; it’s getting the job,” says Terry Koenn, a security architect. “Certification from the employees’ side is getting the next job. Certification from the employers’ side, they look at it as the employee leaving.”

Perhaps the biggest certification that people need for many security positions is a college degree. Coons, the channel sales engineer, does not have a degree, having dropped out of a prestigious university to work, but he is a rare bird at his company. “We do not hire people without a college degree,” he says. “It is a huge barrier.”

It’s a barrier that many are looking to lower. Looking to quickly train enough IT security professionals to meet demand, the U.S.

Department of Homeland Security’s Task Force on CyberSkills aims to use junior and community colleges in combination with 2,000 hours of on-the-job training to bring would-be workers to the level necessary to defend a network from attack.

At the RSA Conference, DHS’s Weatherford stressed that the hurdle of a college degree

needs to be lowered. “We have to get over the fact that you do not need a college degree to be in our business,” he said. “Probably the five smartest people I know in our business did not go to college.”

It’s the will to learn that companies should look for in their candidates, says Fred Drum, IT risk management team leader at P&G Associ-

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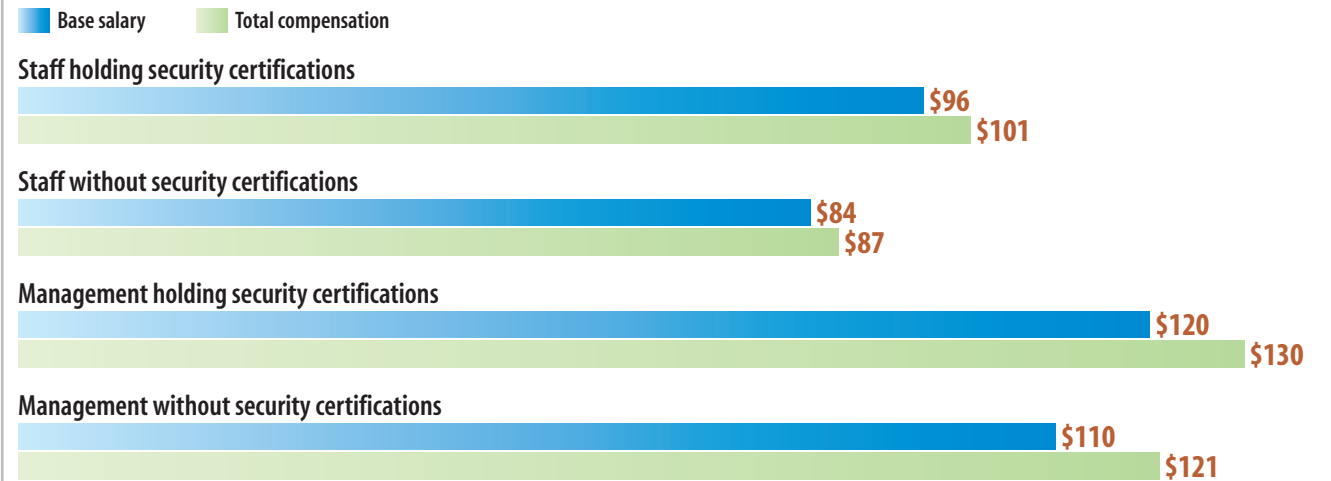
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Figure 5

Impact of Security Certifications on Base Salary and Compensation

Do you hold any security certifications (CISSP, CISA, CISM, etc.)?



Note: Median base salary and total compensation in thousands of dollars

Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

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ates, a provider of risk management services. While certifications are needed to “get past the HR filters,” hiring professionals who continue to educate themselves is important. After all, attackers don’t care about that piece of paper. “They don’t have college degrees, and they are not in school or still in school, but they are taking down our networks,” Drum says.

In particular, the small- and midsize business market needs to focus on training. Companies with less than \$10 million in revenue tend to pay their staff about \$5,000 less than the median base salary, with managers making \$5,000 to \$10,000 less than the median salary. Because IT security workers in those companies tend to focus on security for a brief time and then move on, training and integrating the process into the business is key, says Daniel Moore, a principal with Secure Networks.

It’s important “for security of the Internet but especially for small businesses,” Moore says. “Most small businesses think that the right security solutions are out of reach, or they make a snap decision when they are breached.”

While outsourcing results in fewer jobs for

IT security professionals and lower employee morale — about half of staff and managers make both assertions — companies that outsource their day-to-day security may also incur greater expenses, says Emagined’s Laundrup. When an incident happens and they have to call in a consultant or outside tech, the costs quickly accumulate. Instead, companies

should keep core expertise in-house and use outside consultants to help with a surge in business, or a large incident, and with the special projects that may benefit from an outside viewpoint.

“Extra projects are more fun,” Laundrup says. “And I can understand that, but it is not as logical.”



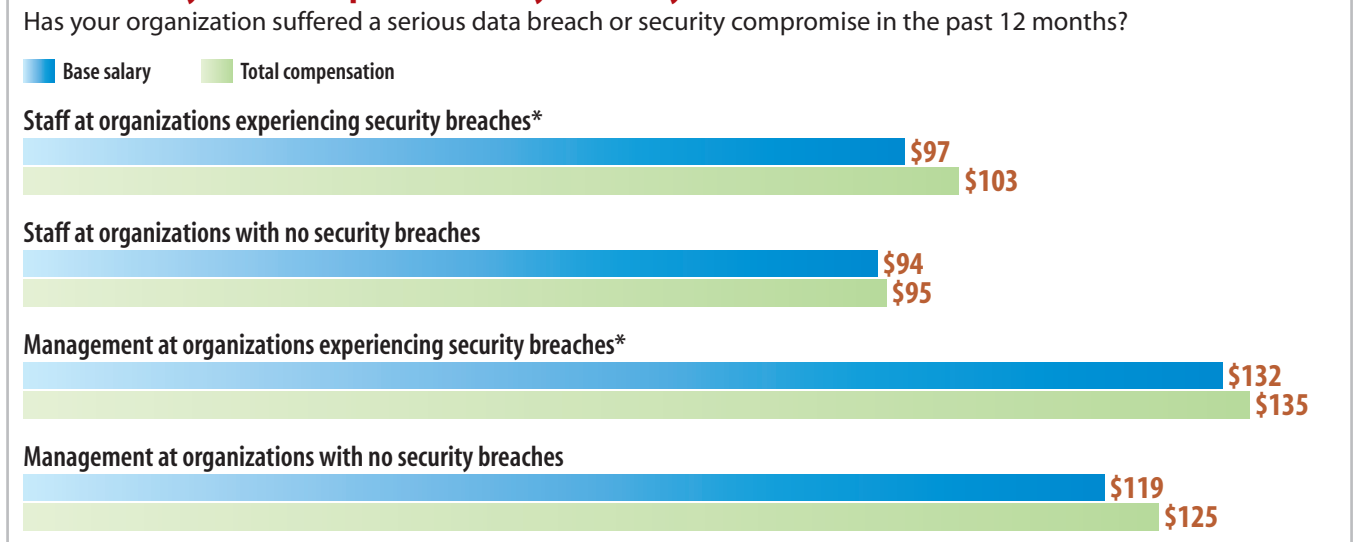
Research: 2013 IT Salary Survey: App Dev IT

Salaries are up 2.1% for staffers and 3.4% for managers. But bonuses are lower, employer-paid training is hard to come by and outsourcing remains a threat to employment. Still, 62% of staffers and 64% of managers say they’re satisfied or very satisfied with their jobs.

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Figure 6

Base Salary and Compensation by Security Breaches



*Low base, use with caution

Note: Median base salary and total compensation in thousands of dollars

Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/57

Cloud, however, where day-to-day service costs are operationalized, is a good option for companies that may not be able to develop the talent in house to deal with day-to-day security, he said.

Perhaps worse for the IT security market as a whole, outsourcing is removing some of the U.S. workforce's core competency in IT security, says Coons. By outsourcing many of the basic IT security jobs to managed security providers that have global operations, U.S. companies are destroying a lot of the fertile breeding ground for security training, he says. Rather than have people that learn basic security practices on the job, companies expect them to come trained. Nearly two-fifths of staff and management indicate that outsourcing leads to fewer opportunities for advancement.

"We want them to come out from where ever they are graduating from, full trained in security," he says.

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APPENDIX

Figure 7

Increase in Compensation

Median percentage change in total cash compensation (includes any bonuses and other direct cash payments received in the past 12 months)

	2011	2012	2013
Staff	1.3%	1.3%	2.0%
Management	2.5%	2.1%	3.1%

Base: 390 staff and 292 managers in 2013

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

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Figure 8

Compensation by Gender

What is your total annual cash compensation, including salary and all cash bonuses?

■ 2013 ■ 2012 ■ 2011

Female staff**Male staff****Female managers****Male managers**

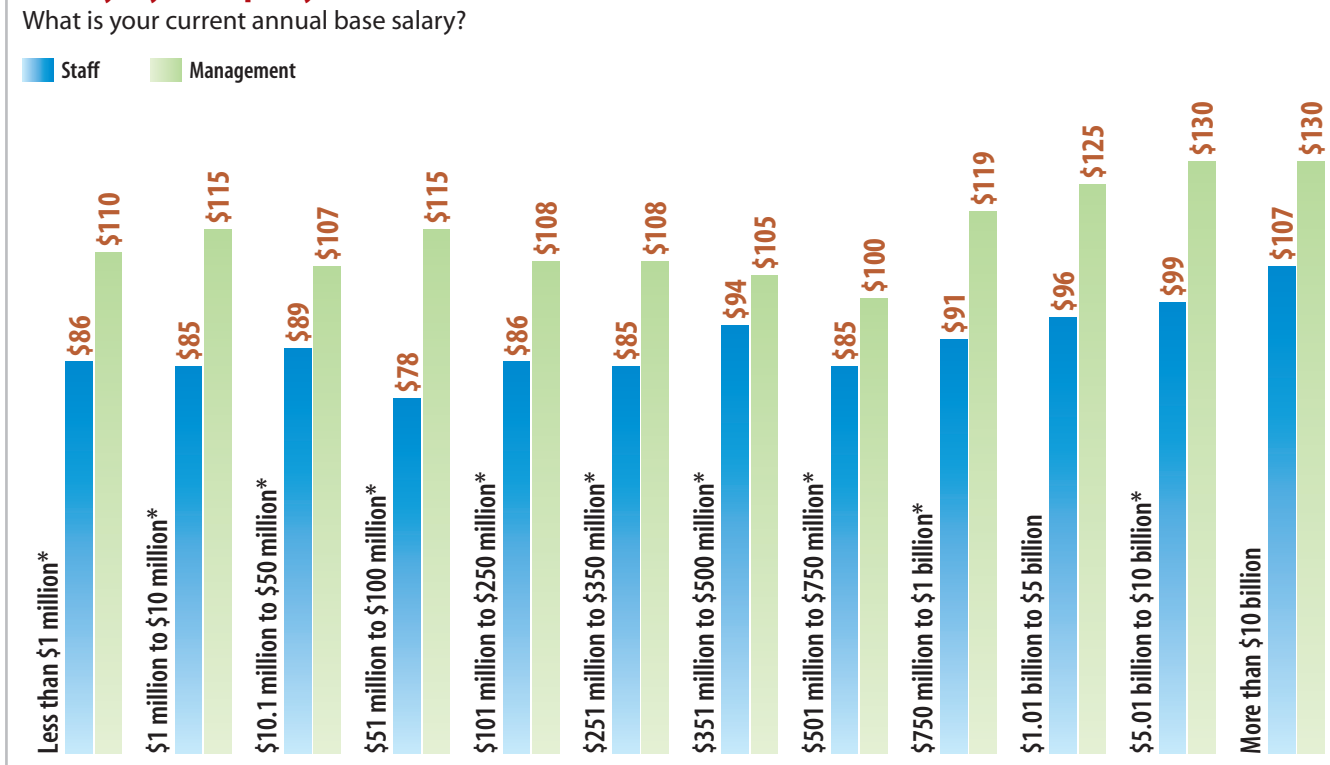
Note: Median compensation in thousands of dollars

Base: 73 female and 609 male IT security professionals in 2013

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

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Figure 9
Salary by Company Revenue



*Low base, use with caution

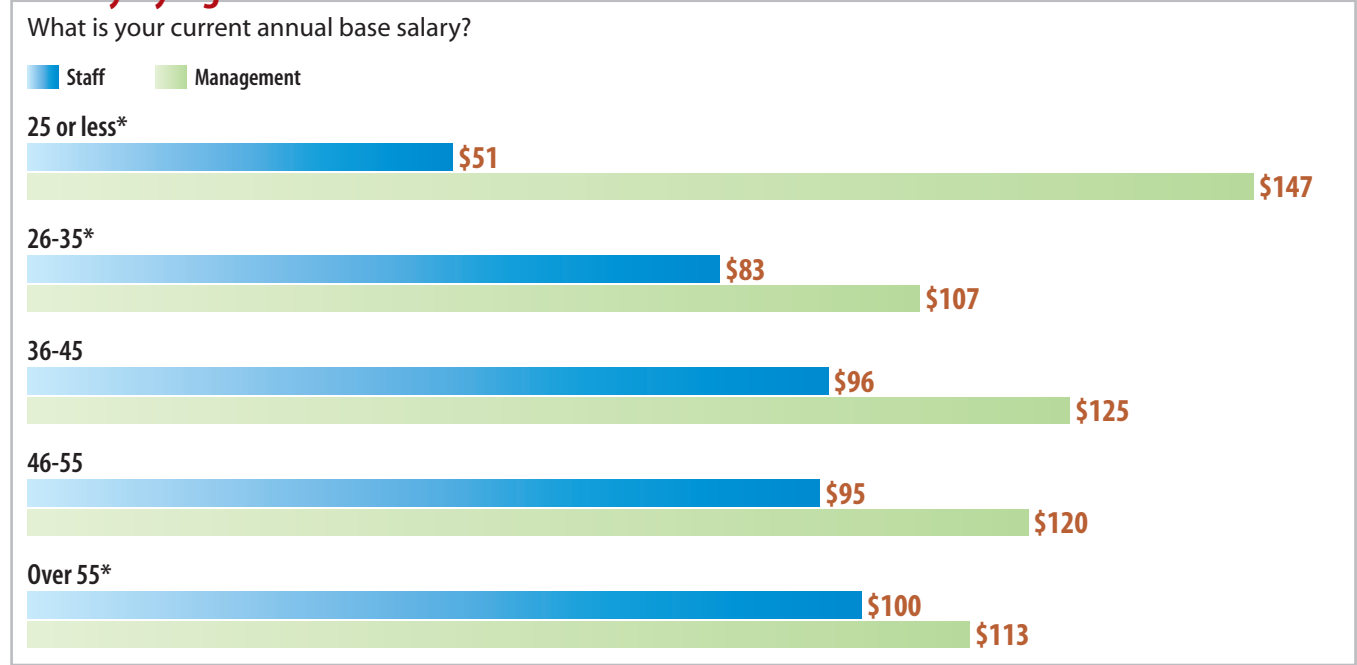
Note: Median salary in thousands of dollars

Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/7

Figure 10
Salary by Age



*Low base, use with caution
Note: Median salary in thousands of dollars
Base: 390 staff and 292 managers
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/8

Figure 11

Bonuses for 2013

Are you receiving, or do you expect to receive, a bonus in 2013?

■ Staff ■ Management

Yes



No



Base: 390 staff and 292 managers

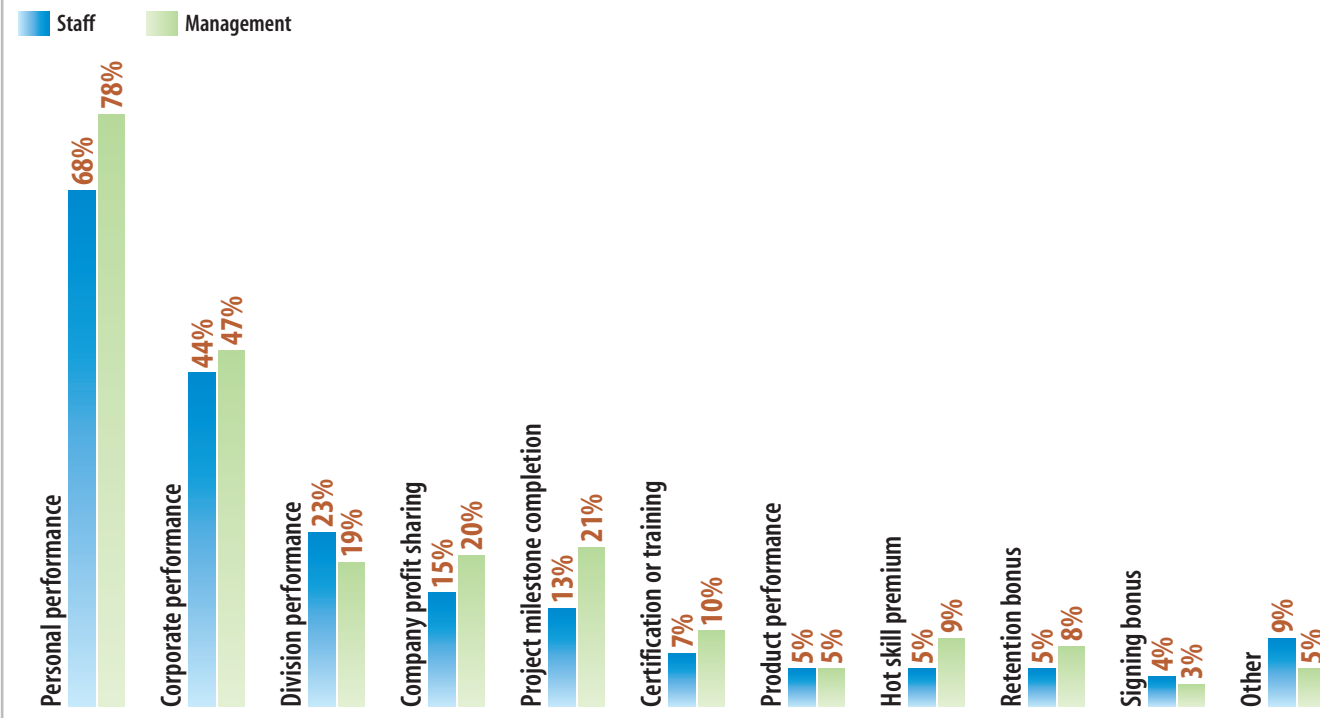
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/9

Figure 12

Reasons for Bonuses

Of the bonuses and other direct cash payments you receive, please specify the primary reason(s) for them.



Note: Multiple responses allowed

Base: 239 staff and 218 managers who will, or expect to, receive a bonus in 2013

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/10

Figure 13

Experience Outside IT

Have you held a full-time position outside the IT function?

■ Staff ■ Management

Yes



No

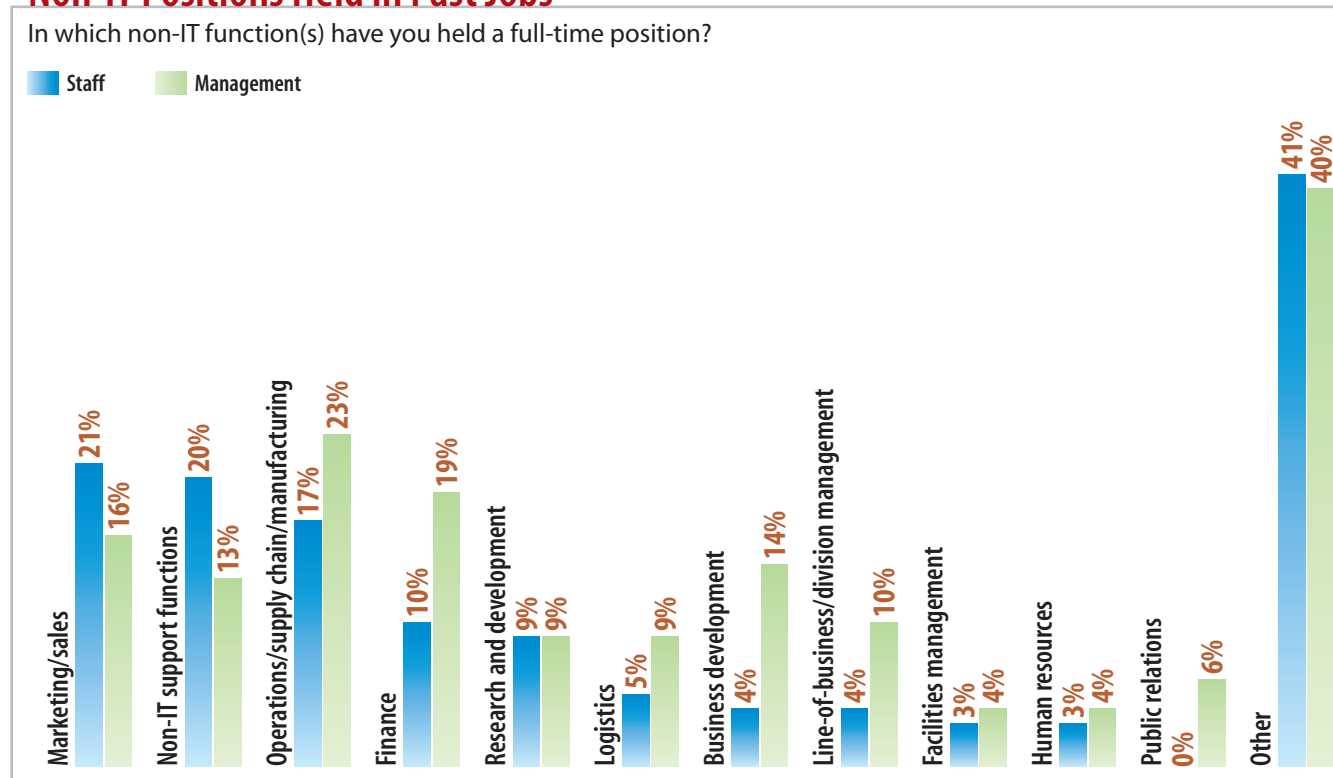


Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/11

Figure 14
Non-IT Positions Held in Past Jobs



Note: Multiple responses allowed

Base: 199 staff and 135 managers who have worked outside IT

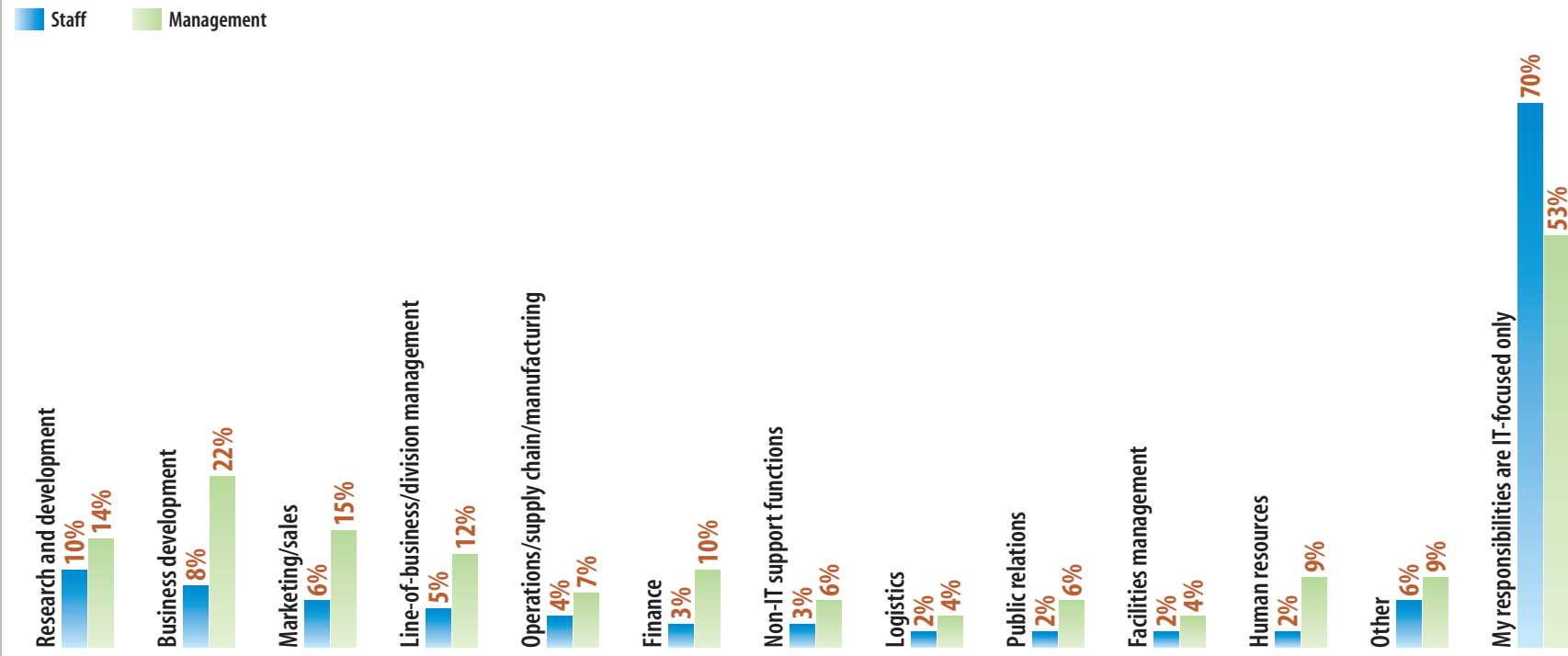
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/12

Figure 15

Non-IT Responsibilities in Current Position

In your current role, does your work involve formal responsibilities outside the IT organization?



Note: Multiple responses allowed

Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/13

Figure 16

Staff: Role Outside of IT

To what extent do the following describe your role?

■ Applies to 50% or more of my job ■ Applies to less than 50% of my job ■ Does not apply

I spend time with peers in a business unit outside IT



I'm considered embedded in a business unit outside IT



I'm physically located in a business unit outside IT



My salary is allocated to a business unit outside IT



I report to a manager outside IT



Base: 390 staff

R6460413-SEC/14

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

Figure 17

Management: Role Outside of IT

To what extent do the following describe your role?

Applies to 50% or more of my job **Applies to less than 50% of my job** **Does not apply**

I spend time with peers in a business unit outside IT**I report to a manager outside IT****I'm considered embedded in a business unit outside IT****My salary is allocated to a business unit outside IT****I'm physically located in a business unit outside IT**

Base: 292 managers

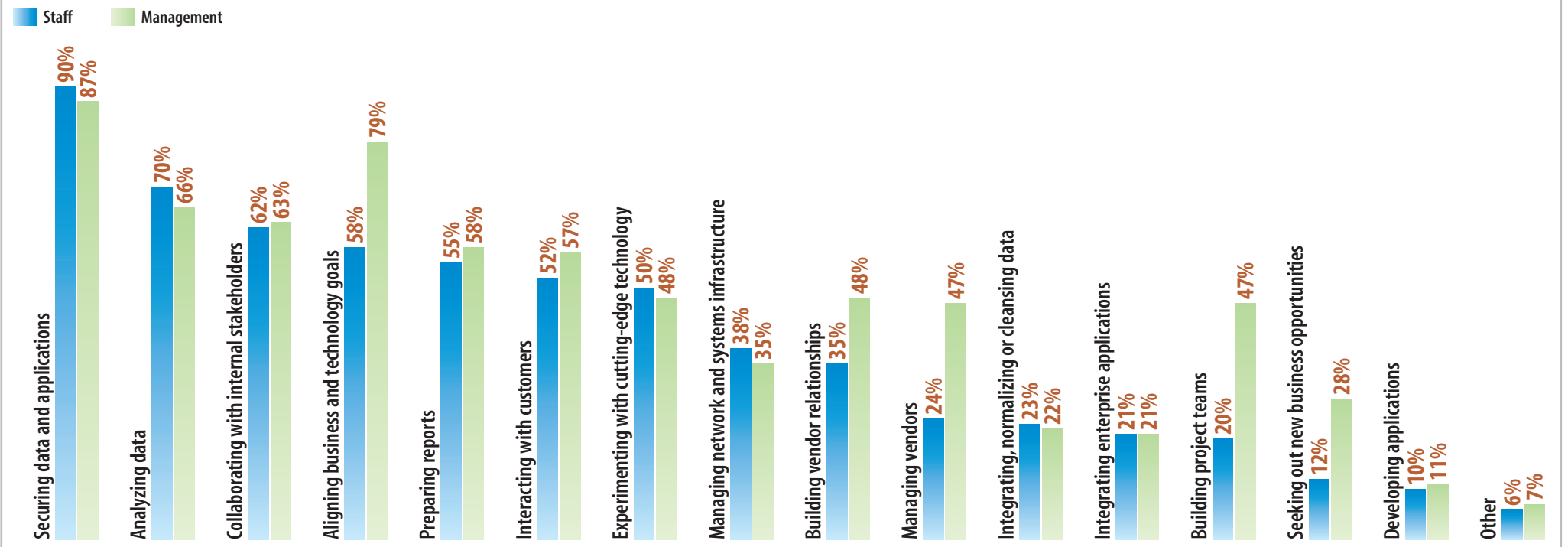
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/15

Figure 18

Critical Business and Technical Skills

Which of the following business or technical skills are critical to your job?



Note: Multiple responses allowed

Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/16

Figure 19

Staff Base Salaries by Region

What is your current annual base salary?

	2011	2012	2013
Northeast	\$90	\$102	\$99
Midwest	\$87	\$92	\$91
South Atlantic	\$95	\$99	\$97
South Central*	\$85	\$90	\$95
Mountain*	\$98	\$96	\$92
Pacific	\$95	\$100	\$95

*Low base, use with caution

R6460413-SEC/17

Note: Median salaries in thousands of dollars

Base: 390 staff in 2013, 418 in 2012 and 467 in 2011

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

Figure 20

Staff Pay Increases by Region

By what percentage did your base salary change this year?

	2011	2012	2013
Northeast	1.4%	0%	1.1%
Midwest	0%	2.0%	.4%
South Atlantic	1.0%	1.4%	1.8%
South Central*	0%	1.8%	.5%
Mountain*	0%	0%	1.9%
Pacific	1.1%	1.8%	2.6%

*Low base, use with caution

R6460413-SEC/18

Note: Median percentage change in annual base pay

Base: 390 staff in 2013, 418 in 2012 and 467 in 2011

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

Figure 21

Manager Base Salaries by Region

What is your current annual base salary?

	2011	2012	2013
Northeast	\$120	\$115	\$120
Midwest	\$100	\$102	\$107
South Atlantic	\$116	\$124	\$120
South Central*	\$104	\$109	\$110
Mountain*	\$113	\$103	\$138
Pacific*	\$120	\$127	\$145

*Low base, use with caution

R6460413-SEC/19

Note: Median salaries in thousands of dollars

Base: 292 managers in 2013, 307 in 2012 and 339 in 2011

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

Figure 22**Management Pay Increases by Region**

By what percentage did your base salary change this year?

	2011	2012	2013
Northeast	2.0%	2.0%	2.1%
Midwest	1.8%	1.2%	2.2%
South Atlantic	1.8%	2.2%	2.0%
South Central*	1.5%	2.2%	1.9%
Mountain*	2.8%	2.2%	2.6%
Pacific*	2.8%	0%	2.0%

*Low base, use with caution

R6460413-SEC/20

Note: Median percentage change in annual base pay

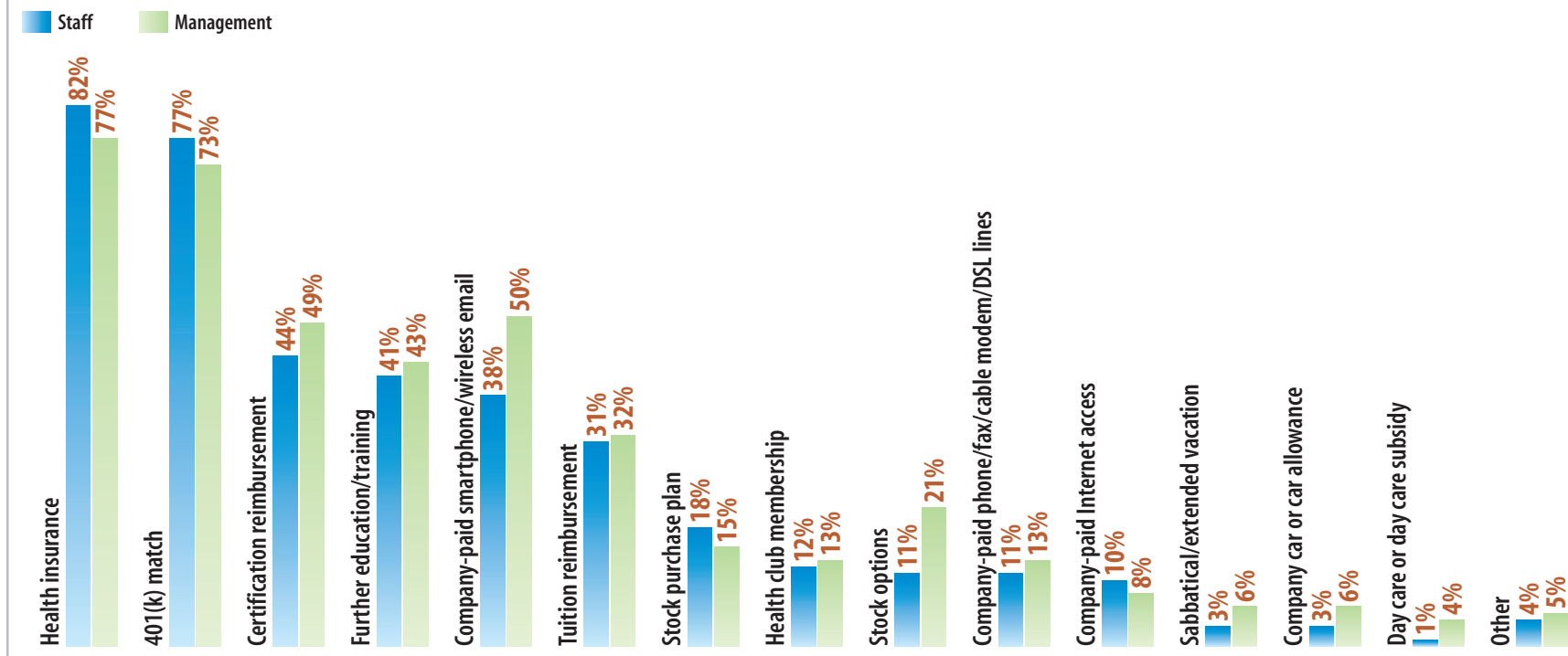
Base: 292 managers in 2013, 307 in 2012 and 339 in 2011

Data: *InformationWeek* 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

Figure 23

Rewards for Next 12 Months

Please specify the type(s) of noncash and indirect cash rewards you expect to receive in the next 12 months.



Note: Multiple responses allowed

Base: 390 staff and 292 managers

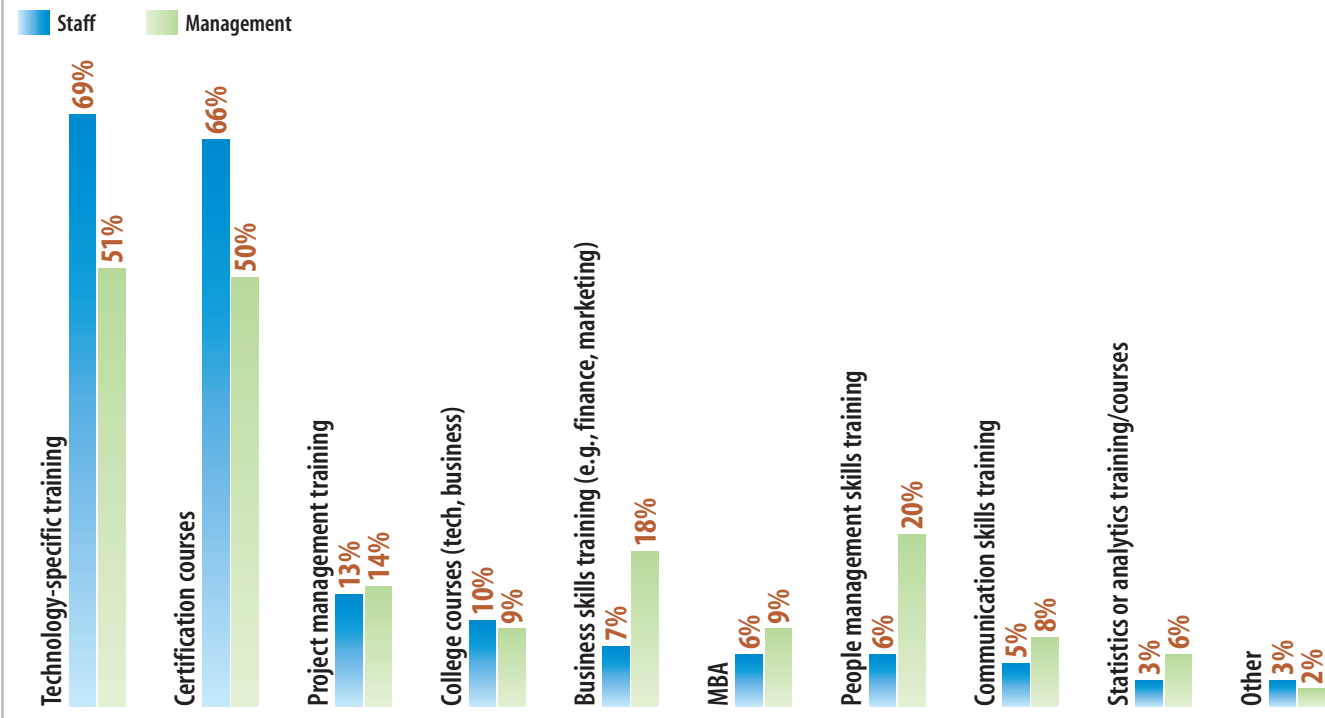
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/21

Figure 24

Training Valued

What type of training would you find most valuable to you in developing your career?



Note: Two responses allowed

Base: 390 staff and 292 managers

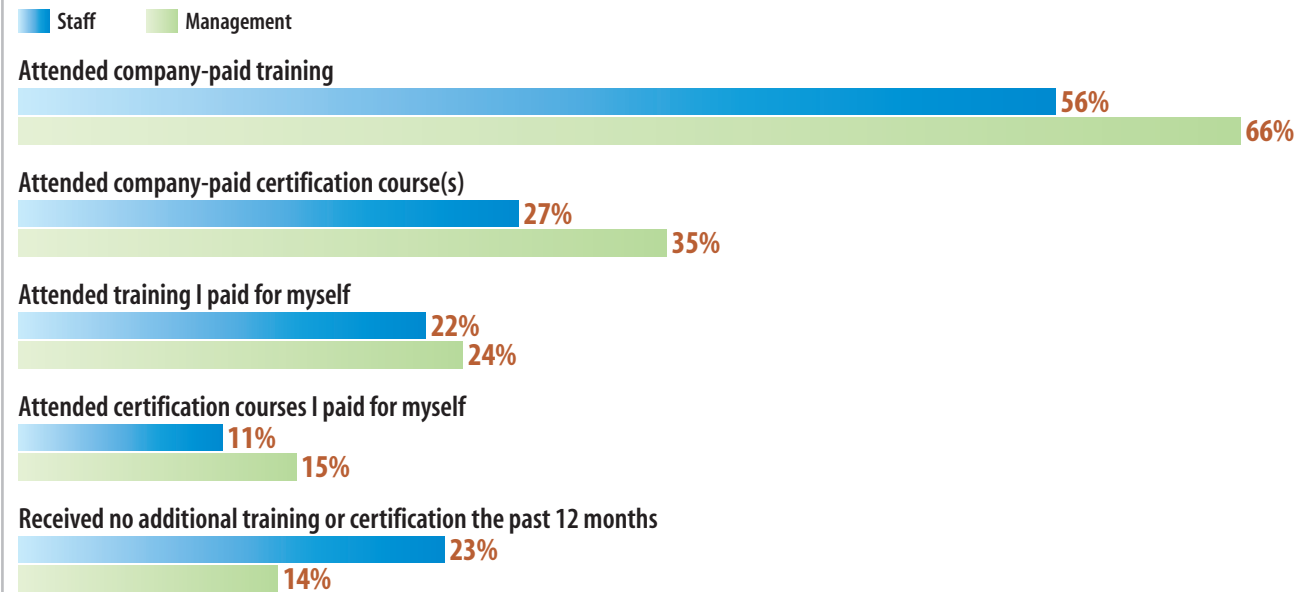
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/22

Figure 25

Training Received

In the past 12 months, which of the following apply to you in terms of training?



Note: Multiple responses allowed

Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/23

Figure 26

Out-of-Pocket Training Expenses

About how much did you spend on training in the past 12 months, for which you were not reimbursed by your company?

Staff	\$1,000
Management	\$2,000

Note: Median dollars

R6460413-SEC/24

Base: 104 staff and 82 managers who paid for their own training and/or certification course(s)

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

Figure 27

What Matters Most to Staffers

What matters most to you about your job?

	2011	2012	2013
Base pay	51%	50%	49%
Challenge of job/responsibility	41%	40%	44%
Benefits	44%	40%	43%
Job/company stability	45%	44%	43%
Flexible work schedule	42%	44%	43%
My opinion and knowledge are valued	42%	41%	41%
Vacation time/paid time off	37%	36%	40%
Recognition for work well done	29%	31%	34%
Telecommuting/working at home	24%	27%	33%
Job atmosphere	31%	30%	31%
Working with highly talented peers	24%	29%	30%
Skill development/educational/training opportunity	30%	30%	27%
Having the tools and support to do my job well	28%	31%	25%
Corporate culture and values	19%	22%	24%
Commute distance	22%	20%	21%
Potential for promotion	23%	22%	21%
My work (job) is important to the company's success	21%	20%	20%
Ability to work with leading-edge technology	19%	18%	19%
Effectiveness of immediate supervision	19%	20%	16%
Geographic location of job	19%	17%	16%
Bonus opportunities	12%	13%	15%
Ability to work on creating "new" innovative IT solutions	16%	15%	13%
Prestige/reputation of the company	7%	7%	8%
Involvement in setting company strategy and determining goals	10%	9%	5%

Note: Seven responses allowed

Base: 390 staff in 2013, 418 in 2012 and 467 in 2011

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/25

Figure 28

What Matters Most to Managers

What matters most to you about your job?

	2011	2012	2013
My opinion and knowledge are valued	47%	47%	49%
Challenge of job/responsibility	42%	44%	47%
Flexible work schedule	39%	37%	39%
Base pay	40%	48%	38%
Job/company stability	44%	40%	37%
Recognition for work well done	28%	30%	35%
Corporate culture and values	30%	25%	31%
Working with highly talented peers	28%	24%	30%
My work (job) is important to the company's success	31%	26%	30%
Benefits	34%	33%	27%
Job atmosphere	31%	30%	26%
Telecommuting/working at home	22%	23%	25%
Vacation time/paid time off	28%	32%	25%
Ability to work on creating "new" innovative IT solutions	20%	21%	23%
Potential for promotion	25%	22%	23%
Having the tools and support to do my job well	24%	25%	22%
Geographic location of job	18%	19%	21%
Skill development/educational/training opportunity	23%	20%	20%
Ability to work with leading-edge technology	17%	22%	18%
Involvement in setting company strategy and determining goals	20%	22%	18%
Effectiveness of immediate supervision	17%	16%	17%
Commute distance	15%	17%	16%
Bonus opportunities	17%	19%	13%
Prestige/reputation of the company	10%	10%	10%

Note: Seven responses allowed

Base: 292 managers in 2013, 307 in 2012 and 339 in 2011

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/26

Figure 29

What Matters Most

What matters most to you about your job?

	Staff	Management
Base pay	49%	38%
Challenge of job/responsibility	44%	47%
Benefits	43%	27%
Job/company stability	43%	37%
Flexible work schedule	43%	39%
My opinion and knowledge are valued	41%	49%
Vacation time/paid time off	40%	25%
Recognition for work well done	34%	35%
Telecommuting/working at home	33%	25%
Job atmosphere	31%	26%
Working with highly talented peers	30%	30%
Skill development/educational/training opportunity	27%	20%
Having the tools and support to do my job well	25%	22%
Corporate culture and values	24%	31%
Commute distance	21%	16%
Potential for promotion	21%	23%
My work (job) is important to the company's success	20%	30%
Ability to work with leading-edge technology	19%	18%
Effectiveness of immediate supervision	16%	17%
Geographic location of job	16%	21%
Bonus opportunities	15%	13%
Ability to work on creating "new" innovative IT solutions	13%	23%
Prestige/reputation of the company	8%	10%
Involvement in setting company strategy and determining goals	5%	18%

Note: Seven responses allowed

Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/27

Figure 30

Years in IT

How many years have you been in the IT profession?

Staff



Management



Note: Median years spent working in IT

Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/28

Figure 31

Years at Company

How many years have you been at your present company?

Staff

5

Management

6

Note: Median years spent at company

Base: 390 staff and 292 managers

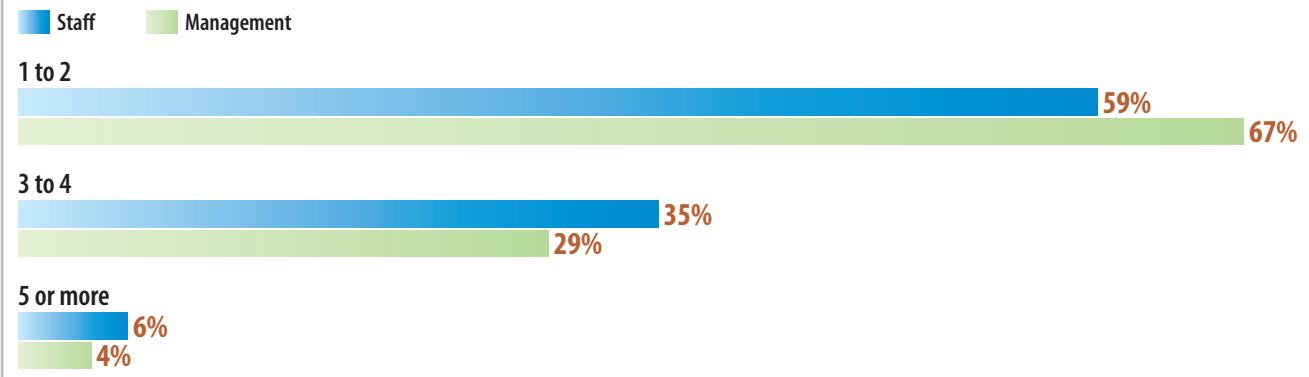
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/29

Figure 32

Number of Companies in the Past 10 Years

How many companies have you worked for in the past 10 years?



Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/30

Figure 33

Satisfaction With Compensation

Overall, how satisfied are you with your total compensation package?

■ Staff ■ Management

Very satisfied



Satisfied



Neutral



Dissatisfied



Very dissatisfied



Base: 390 staff and 292 managers

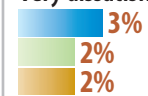
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/31

Figure 34**Staff: Compensation Satisfaction Trend**

Overall, how satisfied are you with your total compensation package?

■ 2013 ■ 2012 ■ 2011

Very satisfied**Satisfied****Neutral****Dissatisfied****Very dissatisfied**

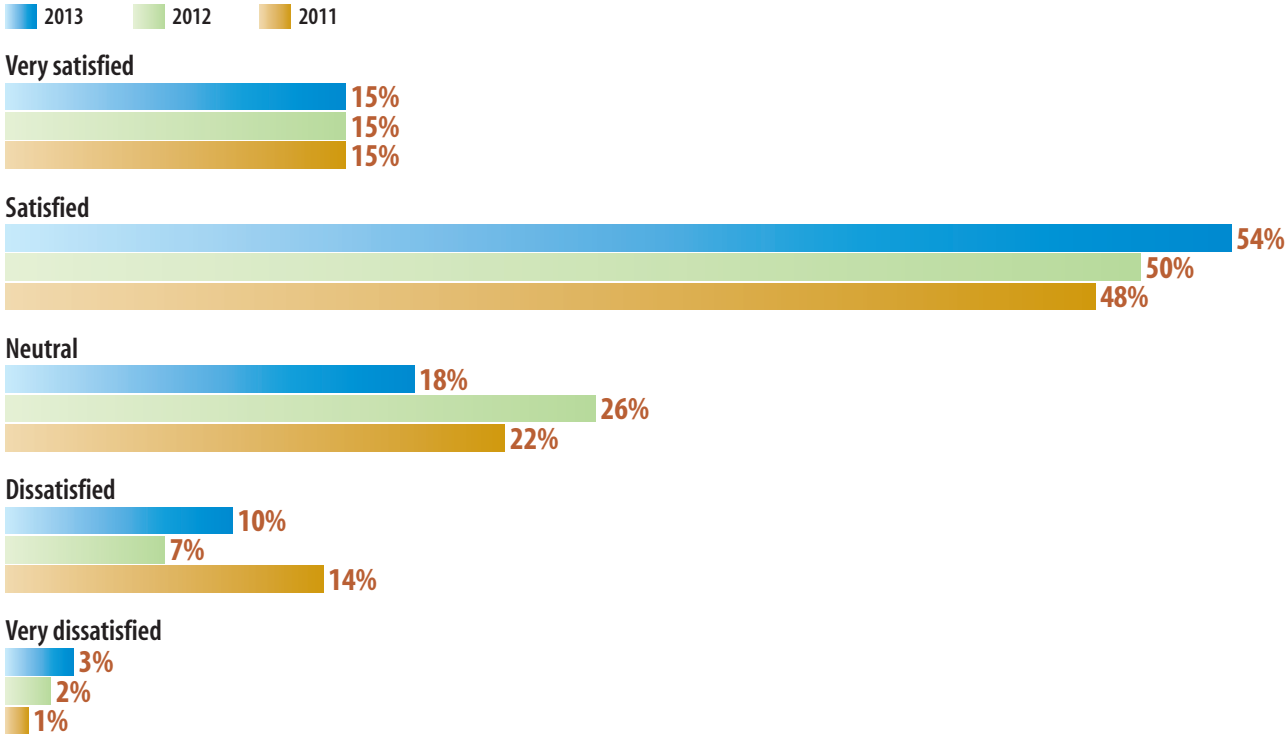
Base: 390 staff in 2013, 418 in 2012 and 467 in 2011

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/32

Figure 35
Management: Compensation Satisfaction Trend

Overall, how satisfied are you with your total compensation package?



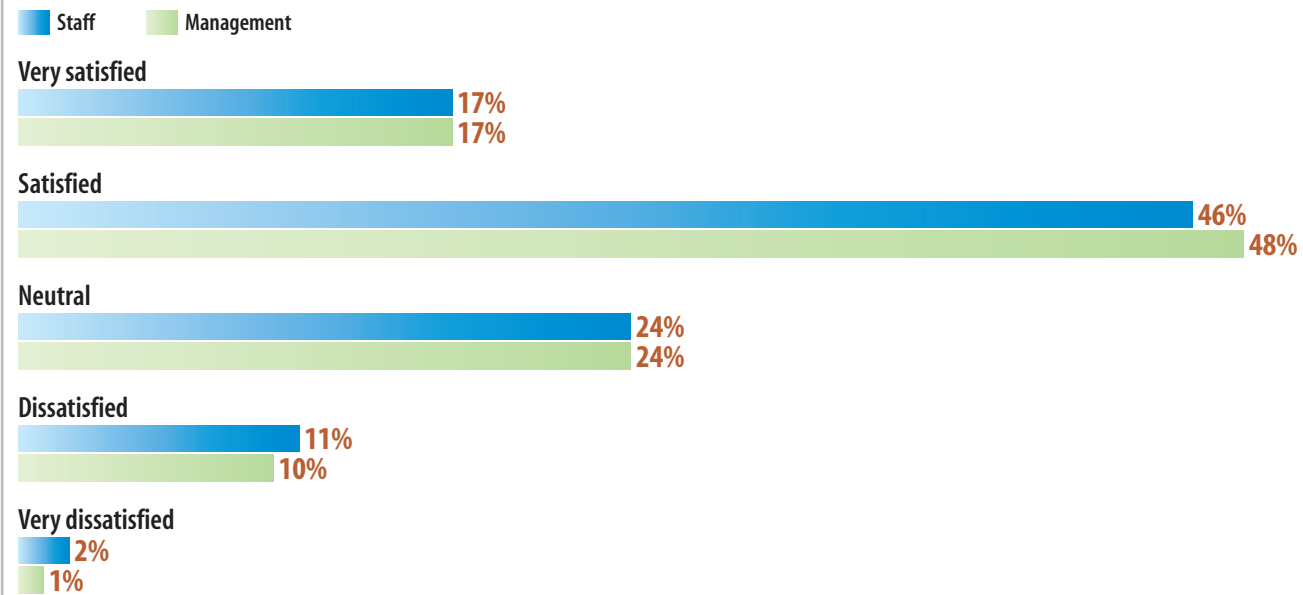
Base: 292 managers in 2013, 307 in 2012 and 339 in 2011
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/33

Figure 36

Overall Satisfaction

Overall, how satisfied are you with all aspects of your job, including compensation, benefits and other aspects of your employment relationship?



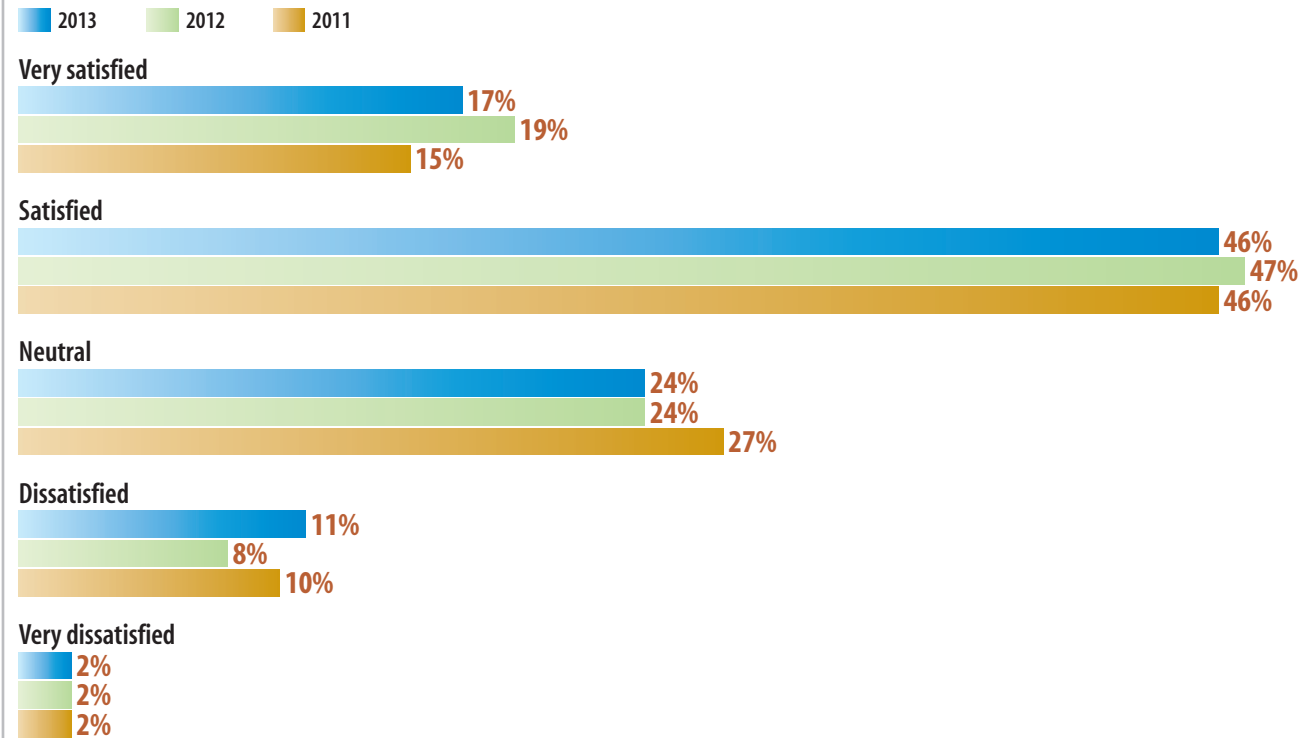
Base: 390 staff and 292 managers
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/34

Figure 37

Staff: Overall Satisfaction Trend

Overall, how satisfied are you with all aspects of your job, including compensation, benefits and other aspects of your employment relationship?



Base: 390 staff in 2013, 418 in 2012 and 467 in 2011

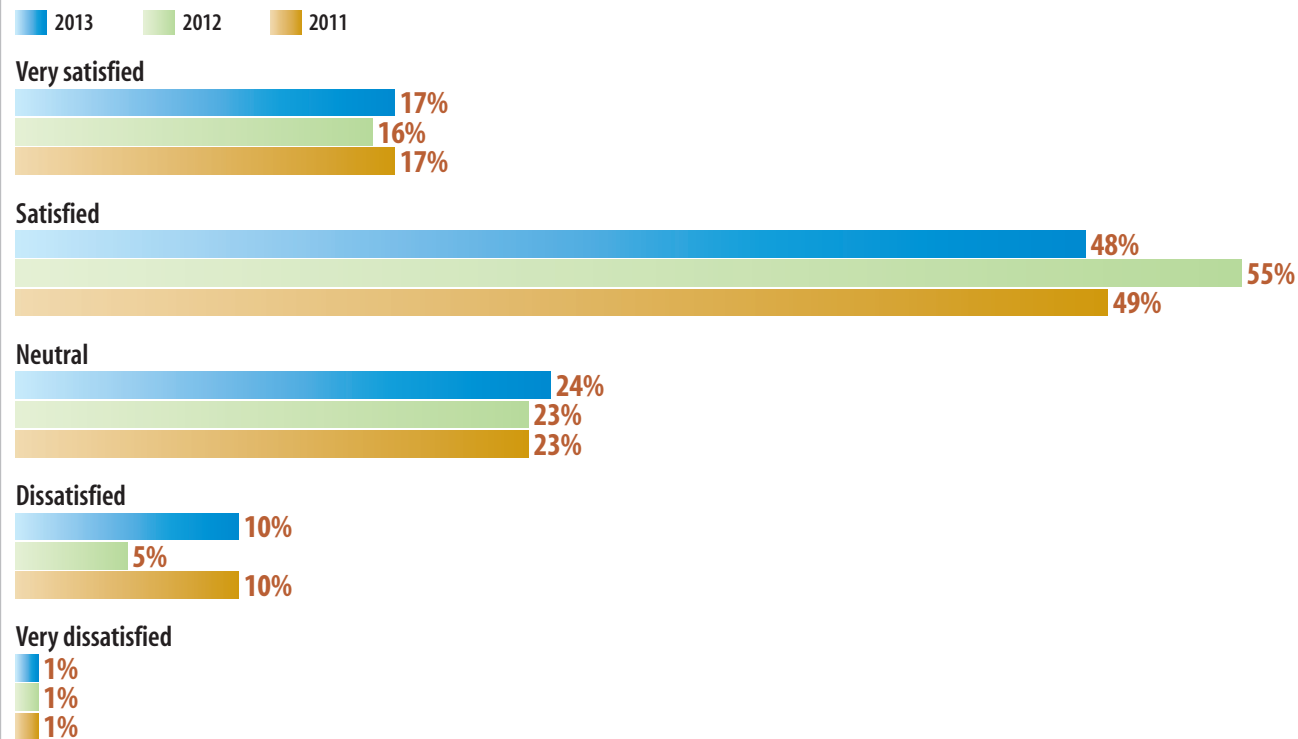
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/35

Figure 38

Management: Overall Satisfaction Trend

Overall, how satisfied are you with all aspects of your job, including compensation, benefits and other aspects of your employment relationship?



Base: 292 managers in 2013, 307 in 2012 and 339 in 2011

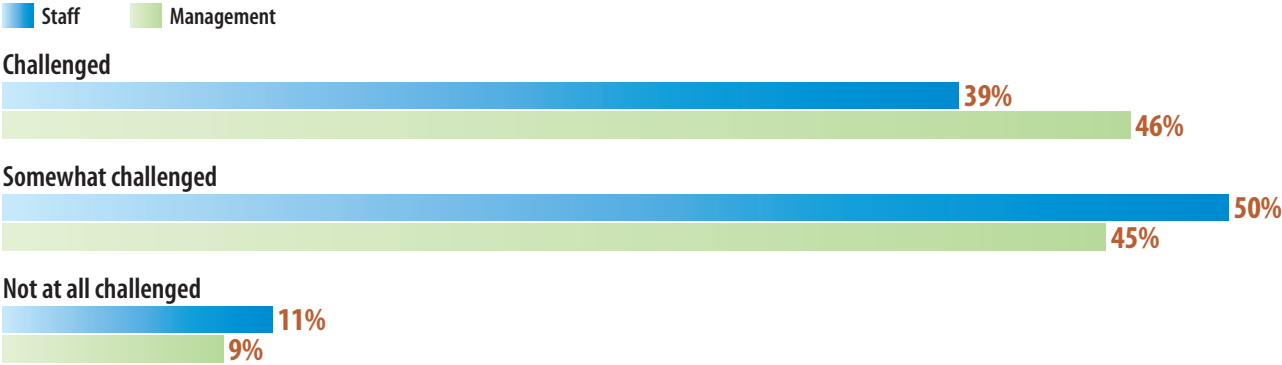
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/36

Figure 39

Intellectually Challenged

Do you feel you are being challenged intellectually with the IT projects you are currently working on?



Base: 390 staff and 292 managers
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

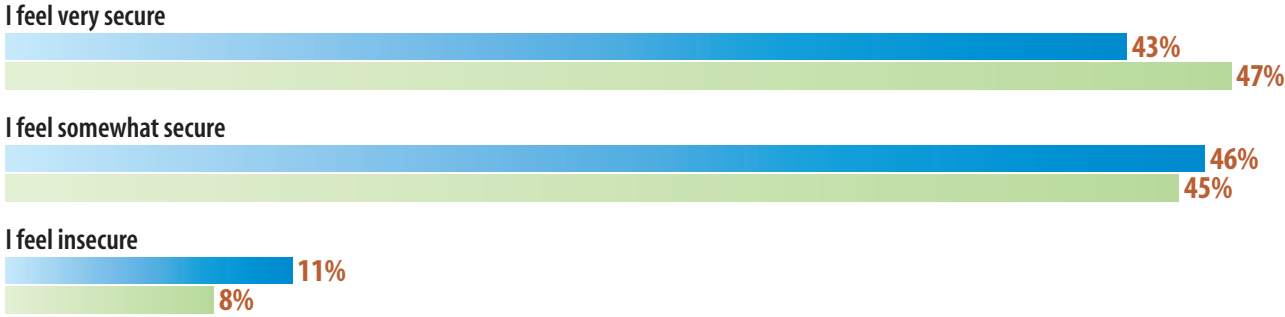
R6460413-SEC/37

Figure 40

Job Security

How would you rate your present job security?

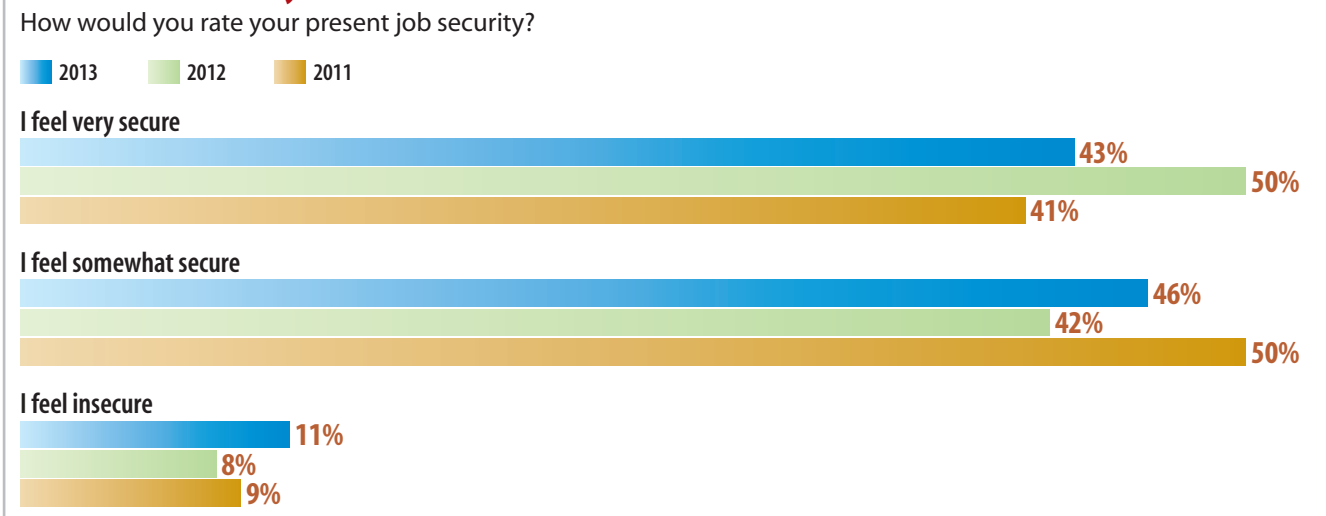
■ Staff ■ Management



Base: 390 staff and 292 managers
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/38

Figure 41

Staff: Job Security Trend

Base: 390 staff in 2013, 418 in 2012 and 467 in 2011

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/39

Figure 42

Management: Job Security Trend

How would you rate your present job security?

■ 2013 ■ 2012 ■ 2011

I feel very secure



I feel somewhat secure



I feel insecure



Base: 292 managers in 2013, 307 in 2012 and 339 in 2011

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/40

Figure 43

Promising Career Path

Do you believe a career path in IT and the potential for salary advancement are as promising today they were five years ago?

■ Staff ■ Management

As promising today



Not as promising



Unsure



Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/41

Figure 44

Staff: IT Career Path Trend

Do you believe a career path in IT and the potential for salary advancement are as promising today they were five years ago?

■ 2013 ■ 2012 ■ 2011

As promising today



Not as promising



Unsure



Base: 390 staff in 2013, 418 in 2012 and 467 in 2011

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/42

Figure 45

Management: IT Career Path Trend

Do you believe a career path in IT and the potential for salary advancement are as promising today they were five years ago?

■ 2013 ■ 2012 ■ 2011

As promising today



Not as promising



Unsure



Base: 292 managers in 2013, 307 in 2012 and 339 in 2011

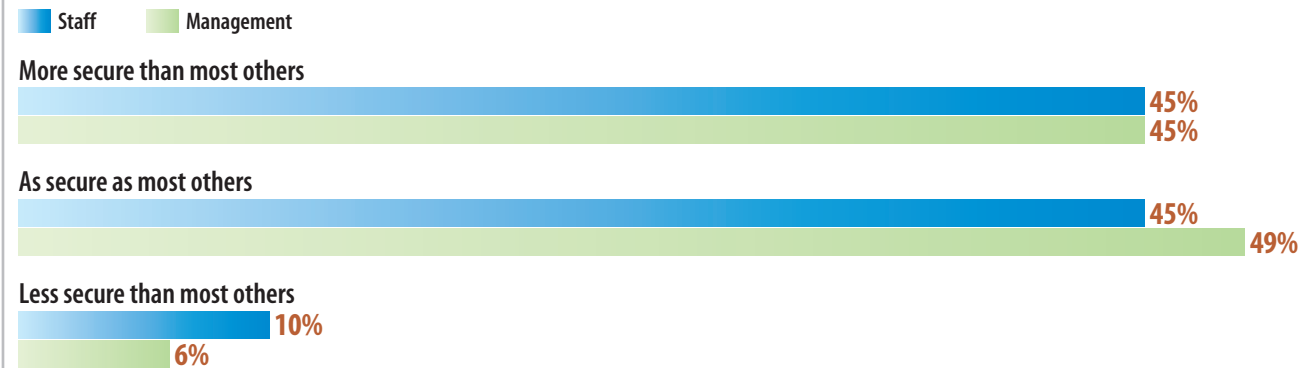
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/43

Figure 46

Economy Impact on IT Career Security

Given the current economy, do you believe a career path in IT is ...



Base: 390 staff and 292 managers

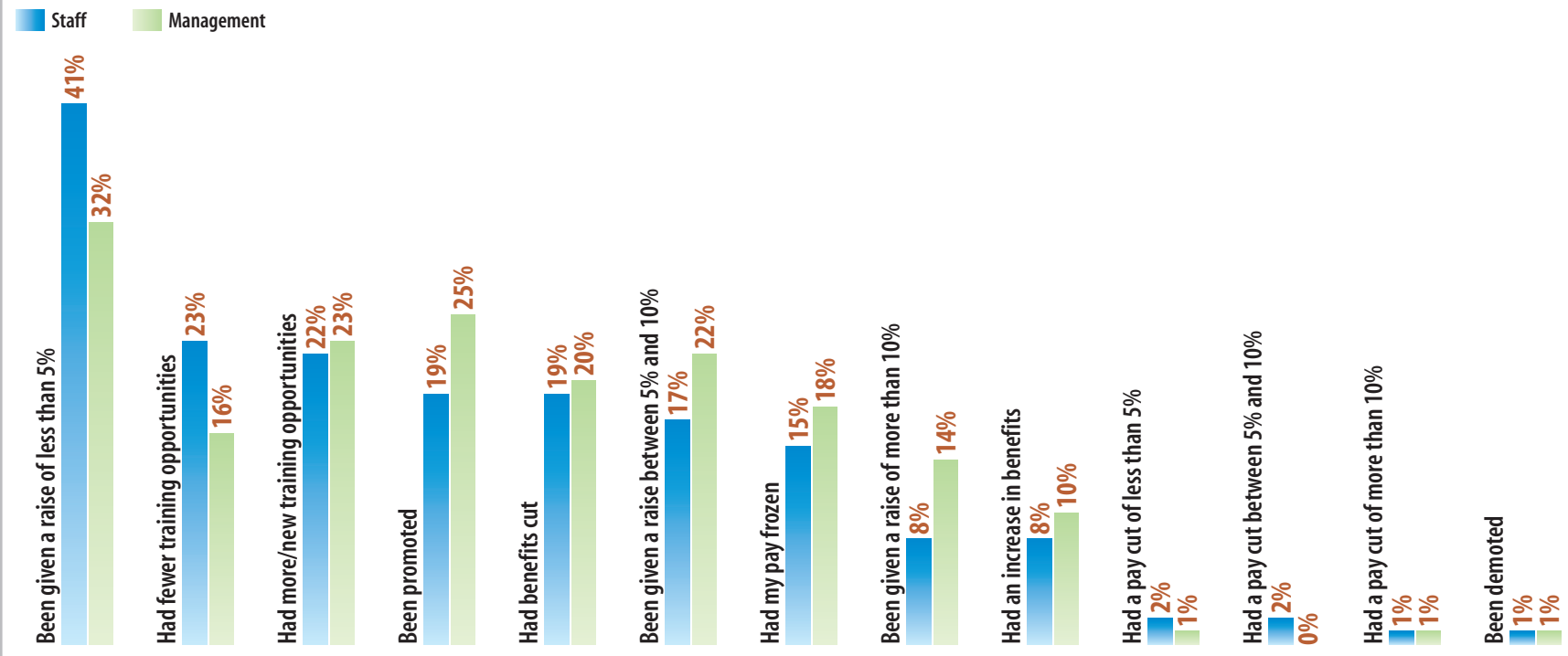
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/44

Figure 47

Impact of Slower Economy

In the past 12 months, as a result of the slower economy, I have ...



Note: Multiple responses allowed

Base: 390 staff and 292 managers

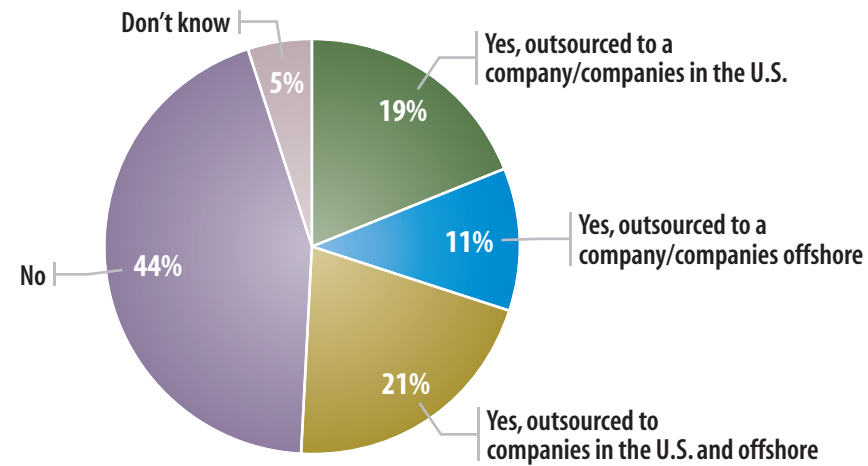
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/45

Figure 48

IT Outsourcing Practices

Is your organization outsourcing some of its IT jobs?



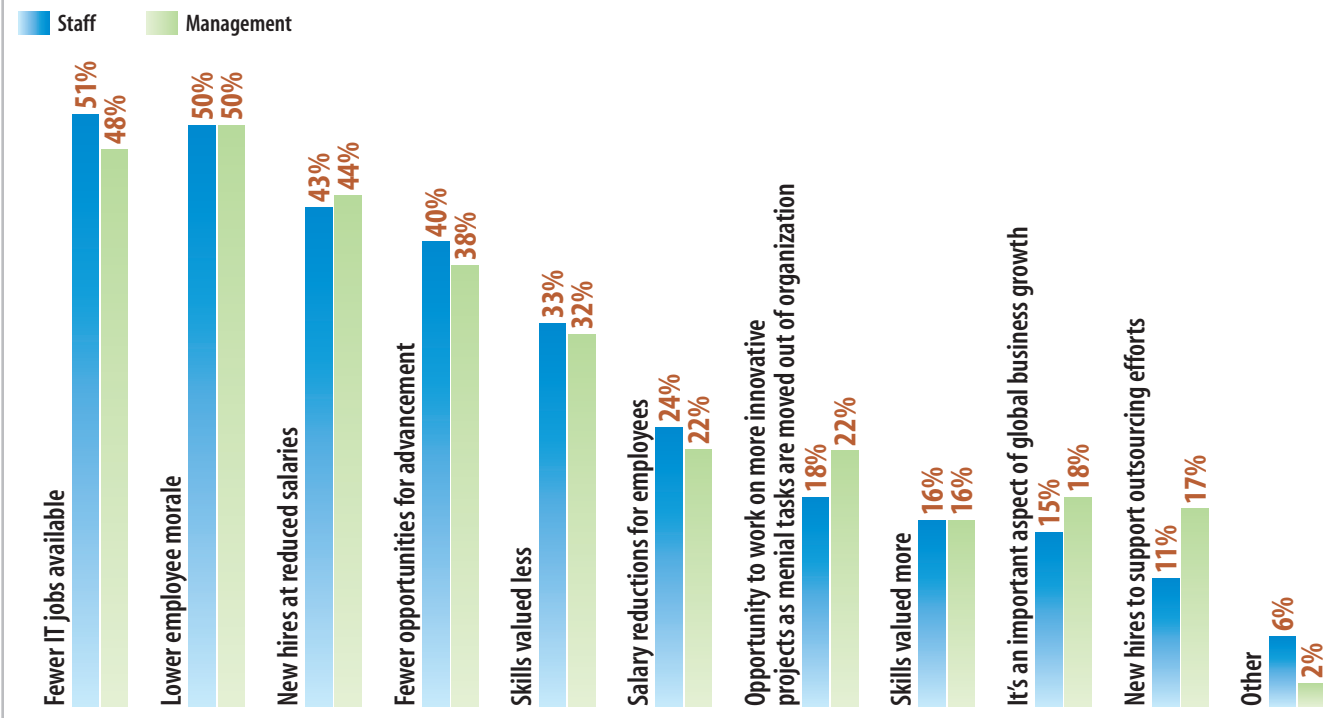
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/46

Figure 49

Impact of Outsourcing on IT Professionals

What impact do you think the current trend toward outsourcing is having on IT professionals?



Note: Multiple responses allowed

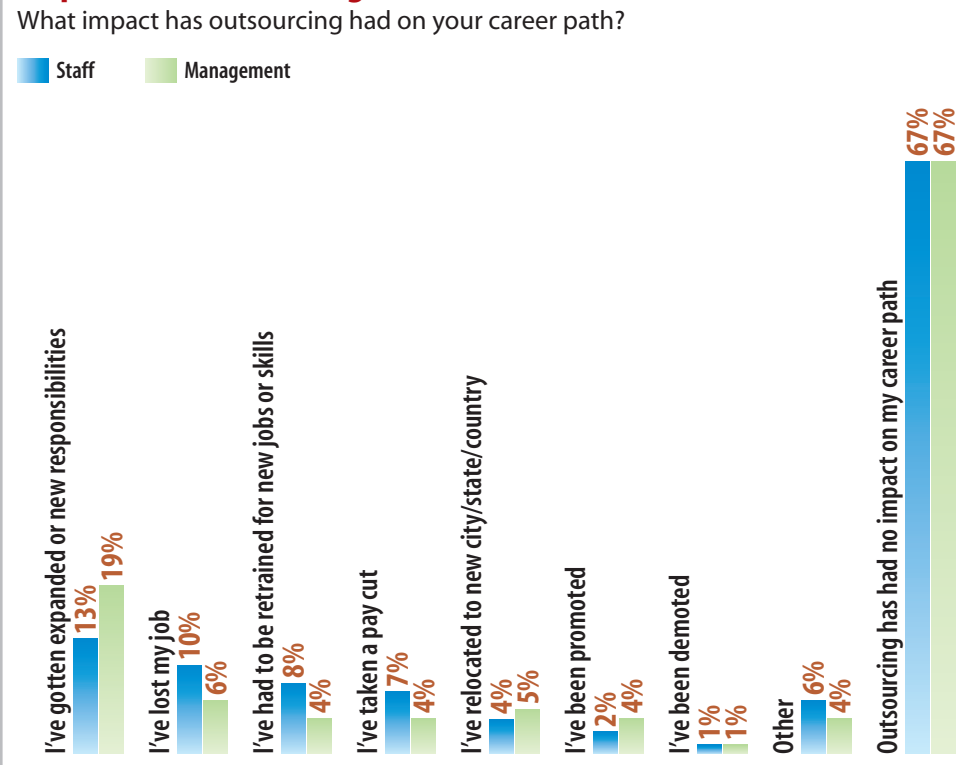
Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/47

Figure 50

Impact of Outsourcing on Career



Note: Multiple responses allowed
Base: 390 staff and 292 managers
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/48

Figure 51

Looking for a New Job?

Are you currently looking for a job at a different employer?

■ Staff ■ Management

Yes, actively



Yes, somewhat



No



Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

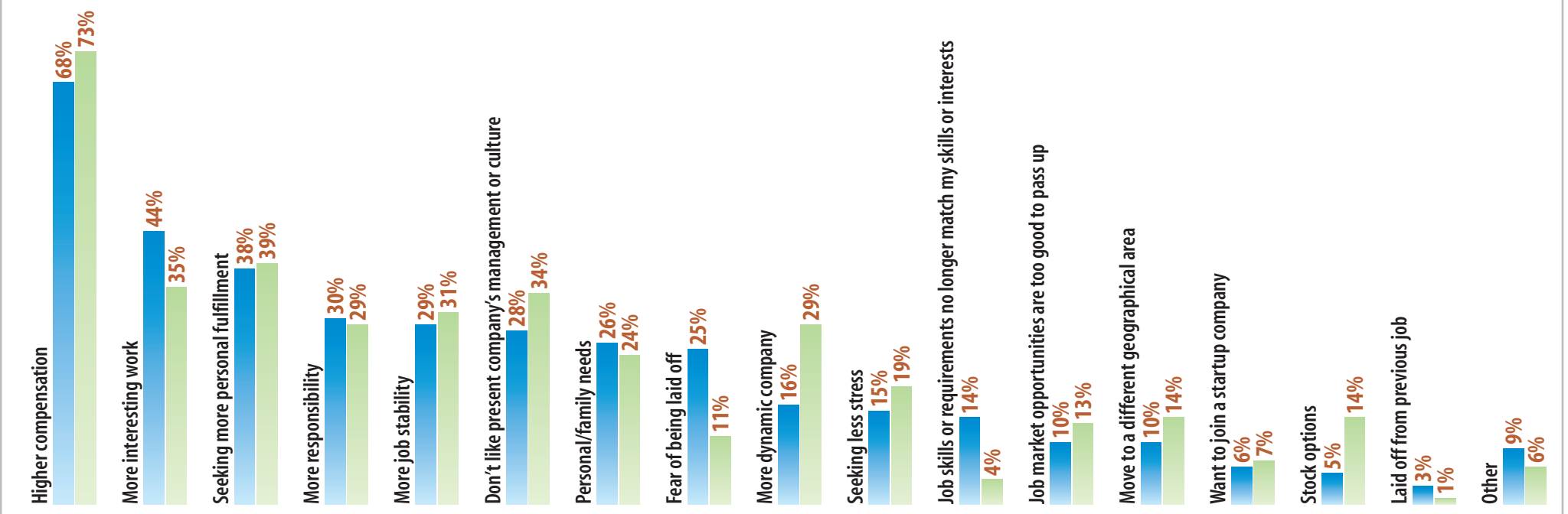
R6460413-SEC/49

Figure 52

Reasons for Seeking a New Job

Why are you looking for a new job?

■ Staff ■ Management



Note: Multiple responses allowed

Base: 163 staff and 137 managers looking for a new job

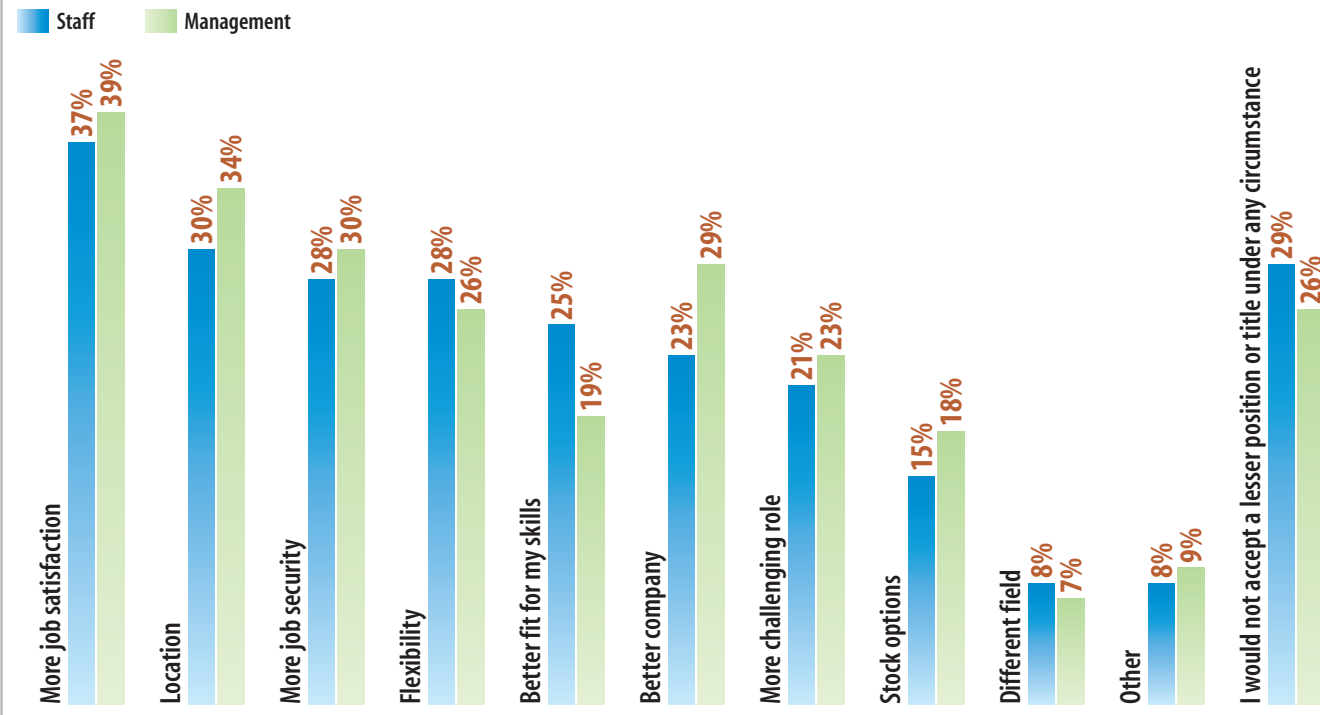
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/50

Figure 53

Lower Position

What would influence you to accept a lesser position or title?



Note: Multiple responses allowed

Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/51

Figure 54

Security Certifications

Do you hold any security certifications (CISSP, CISA, CISM, etc.)?

■ Staff ■ Management

Yes



No



Base: 390 staff and 292 managers

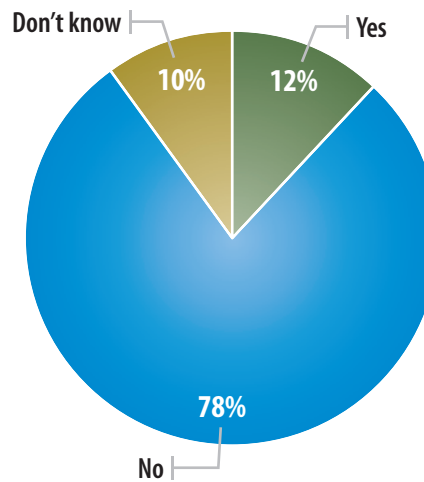
R6460413-SEC/52

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

Figure 55

Data Breaches

Has your organization suffered a serious data breach or security compromise in the past 12 months?



Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/53

Figure 56

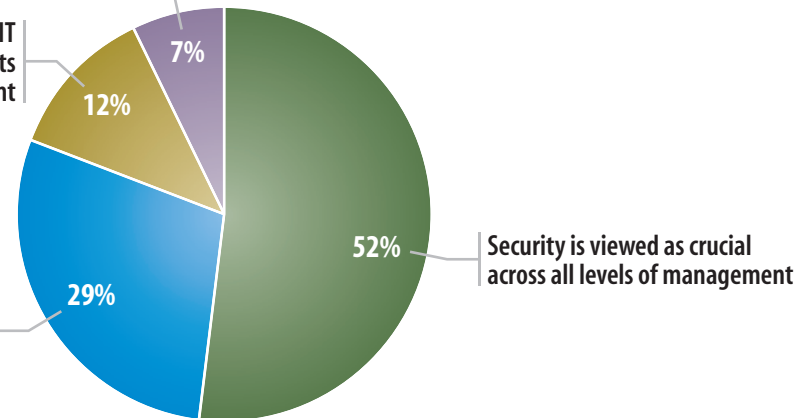
Security Prioritization

What priority does your organization place on information security?

Security is viewed as a low priority across the organization

Security is viewed as crucial inside the IT organization, but not in the business units or at higher levels of management

Security is viewed as crucial in some business areas, but not in others



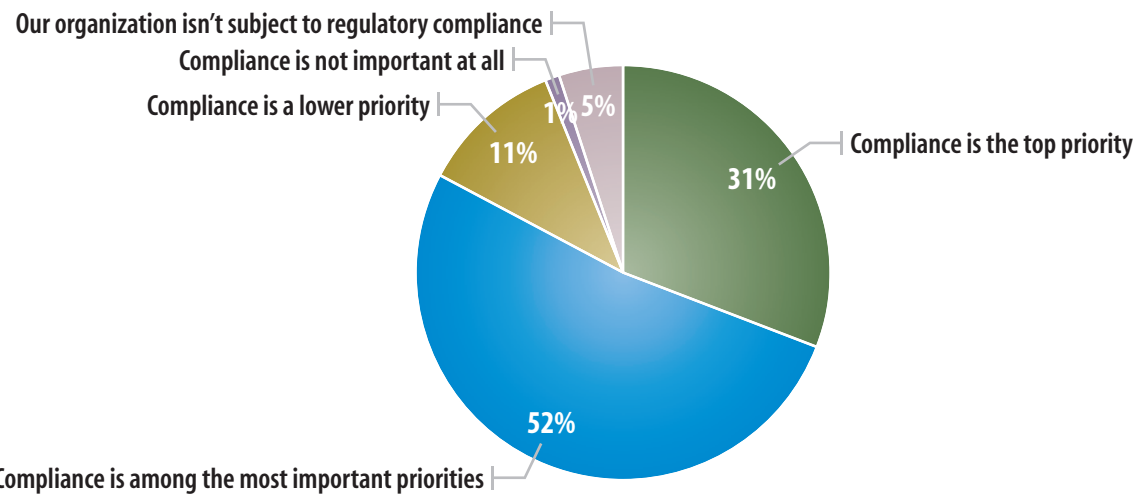
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/54

Figure 57

Importance of Compliance to Security Effort

How important is industry or regulatory compliance to your organization's IT security effort?



Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/55

Figure 58

Base Salary and Compensation by Security Prioritization

What priority does your organization place on information security?

	Staff base salary	Staff total compensation	Management base salary	Management total compensation
Security is viewed as crucial across all levels of management	\$95	\$101	\$125	\$132
Security is viewed as crucial in some business areas, but not in others	\$95	\$96	\$111	\$122
Security is viewed as crucial inside the IT organization, but not in the business units or at higher levels of management*	\$87	\$89	\$112	\$119
Security is viewed as a low priority across the organization*	\$97	\$99	\$110	\$110

*Low base, use with caution

R6460413-SEC/58

Note: Median base salary and total compensation in thousands of dollars

Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

Figure 59

Base Salary and Compensation by Importance of Compliance

How important is industry or regulatory compliance to your organization's IT security effort?

	Staff base salary	Staff total compensation	Management base salary	Management total compensation
Compliance is the top priority	\$95	\$100	\$123	\$128
Compliance is among the most important priorities	\$95	\$99	\$119	\$128
Compliance is a lower priority*	\$92	\$95	\$132	\$138
Compliance is not important at all*	\$80	\$80	\$143	\$143
Our organization isn't subject to regulatory compliance*	\$95	\$96	\$113	\$118

*Low base, use with caution

Note: Median base salary and total compensation in thousands of dollars

Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/59

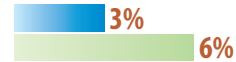
Figure 60

Education

What is your highest level of education?

■ Staff ■ Management

Ph.D.



Master's degree/MBA



Bachelor's degree



Associate's degree



Some college



Tech/IT trade school



High school graduate



Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/60

Figure 61

Gender

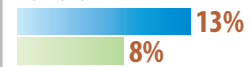
What is your gender?

■ Staff ■ Management

Male



Female



Base: 390 staff and 292 managers

Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/61

Figure 62

Age

What is your age?

■ Staff ■ Management

25 or less

3%

1%

26-35

16%

11%

36-45

29%

37%

46-55

34%

38%

Over 55

18%

13%

Base: 390 staff and 292 managers

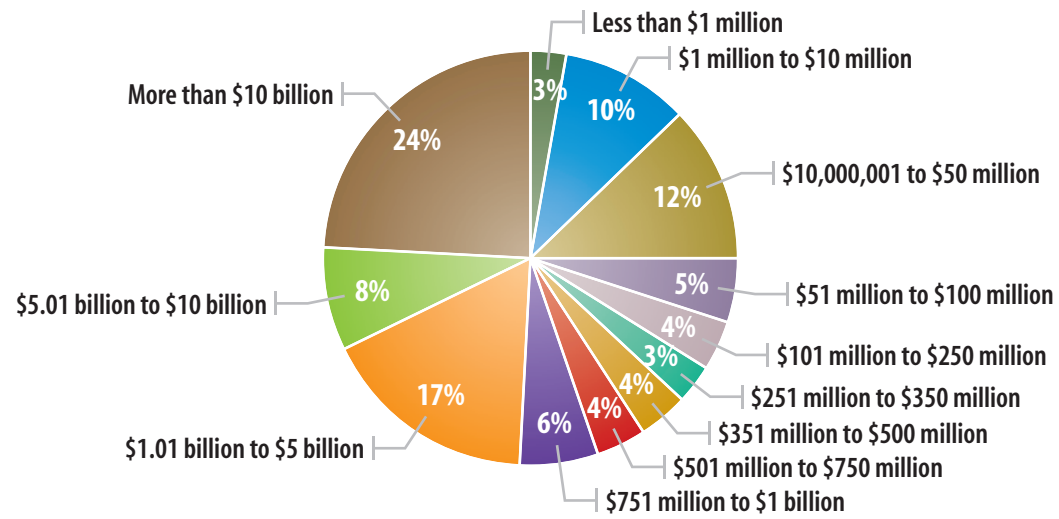
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/62

Figure 63

Company Revenue

What is the annual revenue or operating budget of your organization?



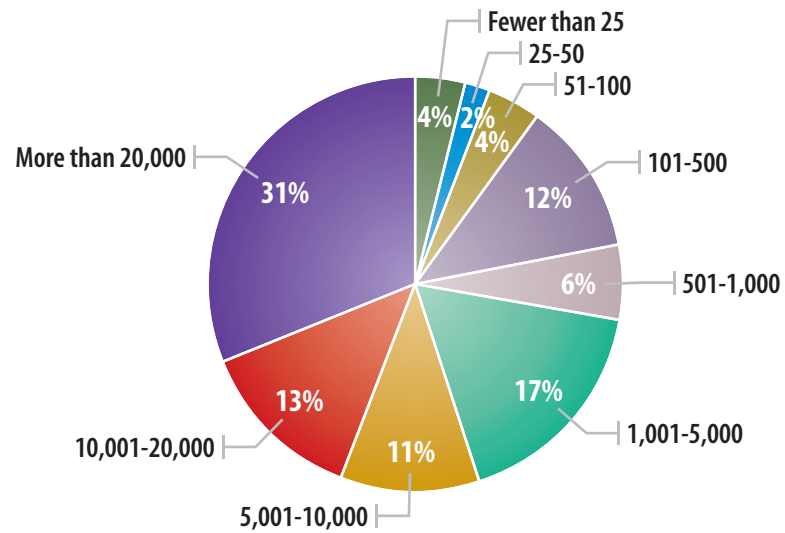
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/63

Figure 64

Company Size

How many total employees does your company have?



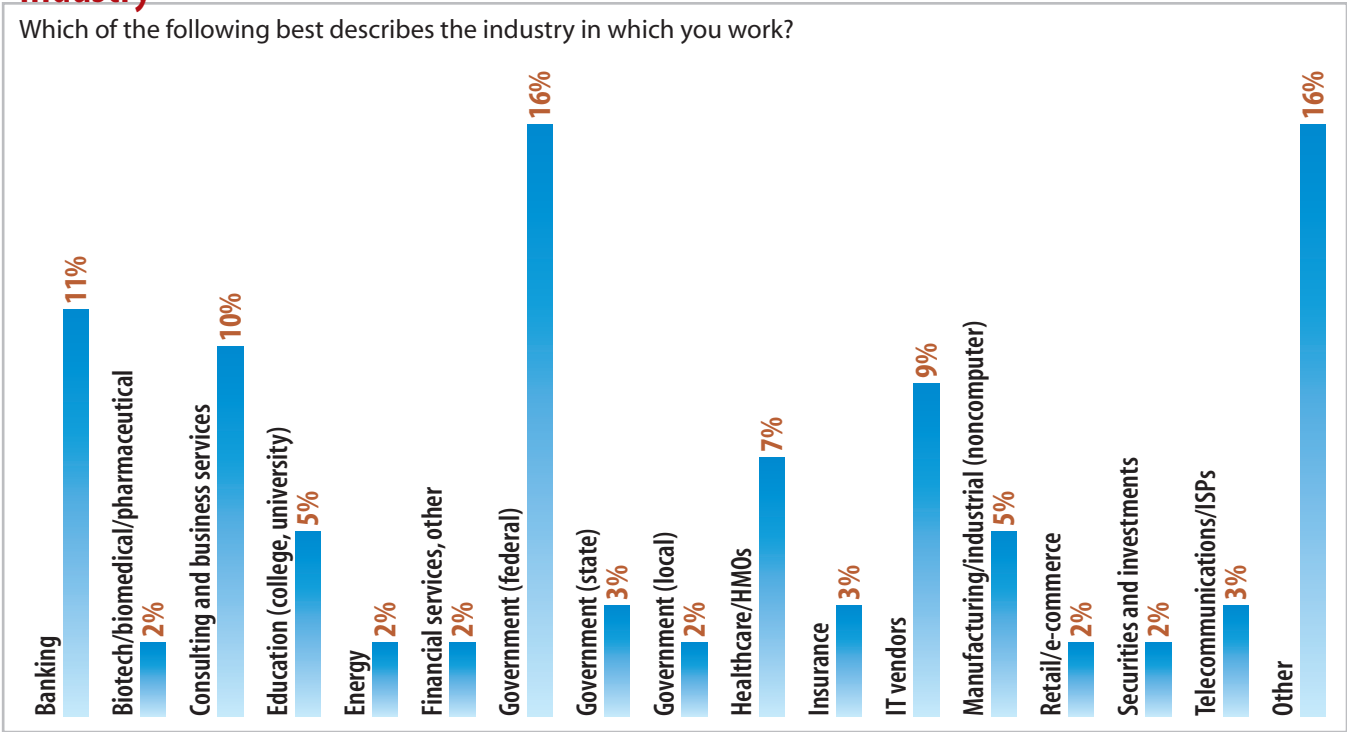
Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/64

Figure 65

Industry

Which of the following best describes the industry in which you work?



Data: InformationWeek 2013 U.S. IT Salary Survey of 682 IT security professionals, January 2013

R6460413-SEC/65

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Research: 2013 IT Salary Survey: Higher Education: Salaries for IT pros in higher education have been stuck in neutral for some time, rising just 1.4% for managers and staying flat for staff this year. But workers get satisfaction from job perks such as flexibility and time off.

Research: 2013 IT Salary Survey: Government: Pressures on federal IT salaries keep building: 42% of IT managers and 35% of staff say their pay has been frozen because of the economy, our survey finds. Despite those findings, government IT workers are generally satisfied with their compensation, and 45% of federal IT staffers and 47% of managers say they're very secure in their jobs. But uncertainty lies ahead.

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