Global Knowledge ${ }^{\prime \prime} \quad \sqrt{\approx}$ TechRepublic $^{\circ}$

## 2008 IT Skills and Salary Report

A Joint Study by Global Knowledge and TechRepublic

## 2008 IT Salary and Skills Report

The IT profession has experienced dramatic changes within the past 10 years and the pace is not slowing. Just within the past year, we have seen:

- Vista, a new OS from Microsoft
- Leopard, a new OS from Apple
- A new certification program from Cisco
- A new certification program from Microsoft
- A record year for data security breaches
- An increase in the importance of balancing IT and business skills

While the industry continues to grow and evolve, the attitudes, behaviors, and concerns of IT professionals have not changed much from last year's survey. In fact, the results are comparable with the 2007 data as well as with similar surveys conducted by other groups.

## Key Report Findings

- Modest overall salary growth

This year's average was up 3.25\% from our 2007 findings to $\$ 73,963$. The number of participants that reported receiving a raise was also up from $68.7 \%$ to $80 \%$. However, the average salary increase this year was $4.0 \%$ compared to almost 5\% last year.

- Education and training impact salary The average salary for those with a four-year degree is $\$ 76,446$ compared to $\$ 65,712$ for a certificate or degree from a technical school. While four-year and graduate degrees offer a more diverse education, additional training and certification also have an impact on salary.
- Why people take training An overwhelming majority of $65 \%$ indicated that their major motivation for training was to build new skills and knowledge. An additional 9\% cited the desire to refresh existing skills and knowledge.
- Multi-tasking and breadth of experience Rare are professionals who concentrate exclusively on mainframe or vendor-specific work. It is not uncommon for a network administrator to multi-task, linking Microsoft Vista through Cisco routers against a Linux-based server. As well, we've seen an increase in the popularity of business skills, including project management.
- Confidence in the IT job market While employment growth and salaries have risen, an uncertainty in the U.S. subprime market is viewed as a catalyst for caution by some industries. The rapid collapse of IT in 2001, coupled with the speed of change, caused veterans to be mindful and newcomers to consider career paths perceived as less risky.
- Outsourcing/off-shoring of jobs

IDC reports an increase of $20 \%$ annually worldwide, of which the U.S. represents more than $\$ 730$ million. There appears to be a consensus that the rise in complexity of the technology and the demand for 24/7 customer response will continue to fuel the need for continued outsourcing of some operations.

## Participant Profile

To reach a wider and more diverse group of IT professionals, this year's survey was conducted jointly by Global Knowledge and TechRepublic. This collaborative effort yielded a total of 7,193 responses. (See page 12 for survey methodology.)

## Profile of Respondents

| Base Salary | $\$ 73,963$ |
| :--- | :--- |
| Received a Raise | $80.0 \%$ |
| Raise/Increase Amount | $4.0 \%$ |
| Received a Bonus | $48.7 \%$ |
| Age | 43.0 |
| Years in IT | 14.3 |
| Male vs. Female | $3: 1$ |
| Education | $59 \%$ have at least a 4-year degree |
| Figure 1 |  |

The age and experience of survey participants continues to increase. Nearly half of all of the respondents are age 46 or older. As illustrated in Figure 1, the average age is 43 and the average time of experience is nearly 15 years. However, the labor pool continues to shrink at the same time that demand for skilled professionals grows. The Bureau of Labor Statistics (BLS) projects that the labor force for the 25-54 age group will increase at an annual rate of only $0.2 \%$ between 2006 and 2016.

## Job Satisfaction

Job stability and a desire for a higher base compensation topped the list of job satisfaction factors, followed closely by a challenging job role and family issues, including health care benefits. Our survey respondents indicated that stock options and profit sharing are the least important factors in rating job satisfaction (see Figure 2).


Figure 2 - Top Job Satisfaction Factors

Of our survey respondents, 78.7\% stated that they were "very" or "mostly" satisfied with their career choice.

We asked several sets of questions about job satisfaction to glean an understanding of what IT professionals are looking for in their work environments. We've learned that most are pleased with their current base salary, but not with their last raise or most recent bonus (see Figures 3, 4, and 5). However, the workload and environment were rated better than average by most respondents.


Figure 3 - Base Salary Satisfaction


Figure 4 - Satisfaction with Last Raise


In addition to their base salary, 49\% of respondents received a bonus (see Figures 6 and 7).This is slightly down from last year's survey, where $52 \%$ received a bonus. The average bonus amount remained consistent. The average for last year was $\$ 3,963$, while this year was $\$ 3,937$.


Figure 6 - Bonus Satisfaction


Figure 7 - Bonus Received Within the Past 12 Months
While the prospect of a high base salary is appealing to everyone, compensation can come in many forms. In addition to bonuses, $79.81 \%$ reported that their employer offers a 401 k or other retirement program, 68.97\% received life insurance, $83.61 \%$ received medical/dental insurance, and $90.16 \%$ received vacation, personal, or sick leave.

What Concerns Are on the Minds of IT Professionals? To get some ideas to keep and promote IT staff, we asked questions about what is important to them in considering a new job or staying with their current employer. While concerns about the economy were evident, the number one concern was still keeping up with skills (see Figure 8).

Top 10 Tech Skills You Should Develop
If you like to be constantly developing new skills, IT is the right field for you. In the late 80s, NetWare and IPX/SPX administration were the skills to have. Today, it's all about TCP/IP and the Internet. Here are 10 skills you should develop to keep on top of things in the tech world in the next five years.

1. Voice over IP
2. Unified communications
3. Hybrid networks
4. Wireless technology
5. Remote user support
6. Mobile user support
7. Software as a service
8. Virtualization
9. IPv6
10. Security

Read more and comment here.


Figure 8 - Concerns of IT Professionals

Who Is Making the Money?
Salary is driven by a number of factors, several of which are correlated or change in importance over time. We analyzed the data by looking at education, experience, certification, training, job level, region, and other key demographics. By a far margin, experience within the field is the single most important factor in determining salary. Even among those in the same age group, education level, and job level, experience tops out.

Nearly half of those responding earn a salary between $\$ 45,000$ and $\$ 85,000$ per year in nearly equal groups.


Figure 9 - Salary of All Respondents by Range

Overall, salaries showed a modest increase when compared to last year's survey. In 2007, the average reported salary was $\$ 71,556$. This year's average was up $3.25 \%$ to $\$ 73,963$ (see Figure 9). The number of participants that reported receiving a raise was also up from $68.7 \%$ to $80 \%$. While more people did get a slice of the pie, the piece they received was smaller. The average raise/increase amount this year was $4.0 \%$ compared to almost 5\% last year (see Figure 10).

For the most part, one can choose where to live and work, pursue education, change jobs, or take other action to improve salary. However, external factors substantially change the equation. Recessions, mergers, recalls, and rapidly changing technology are but a few that have impacted the IT professional. Consistent with most reports, $80 \%$ of the respondents received a raise in the past year with an average increase of $4.0 \%$, doing a little better than inflation. The majority, $39 \%$, received a standard raise from


Figure 10 - Change in Base Salary in the Past 12 Months
their employer. Recognizing the changing dynamics of retention, more employers are compensating for performance. Nearly $30 \%$ of the respondents received a raise based on performance.

Gender remains a factor in salary differences, even after adjusting for education, experience, and job level, with a variance between $6 \%-8 \%$. One-fourth of the survey respondents were women, and they were equally represented in the major subgroups. Geography and industry have some impact, but once taken into account, the common denominators are experience, education, and training.

The largest salaries are in the pharmaceutical and defense industries, primarily because of a larger proportion of project leaders and project managers and the need for more IT staff with advanced security skills (see Figure 11).

## Where Is the Money Being Made?

When comparing salaries of IT professionals on a regional basis, the Northeast commands the highest pay (see Figure 12). However, this number is a little misleading because of the high concentration and salary of professionals residing in New York, New Jersey, and Pennsylvania. The pay of the Middle Atlantic division is tops at $\$ 76,891$ compared to \$72,691 for New England.

The South is the only region where the salaries of each division were at or above survey average. In contrast, the Midwest is the only region where the salaries of each division were below survey average.

| Salary by Industry |  |
| :---: | :---: |
| Pharmaceuticals | \$90,754 |
| Defense Contractor/Aerospace | \$87,082 |
| IT/Technical - Related Software Development | \$84,780 |
| Government - Federal Civilian | \$83,429 |
| Natural Resources - Mining/Oil/Gas | \$83,104 |
| IT/Technical - Related Hardware Manufacturing | \$82,060 |
| Banking/Finance | \$81,816 |
| Professional Services | \$78,151 |
| Insurance | \$77,348 |
| Communications (Telco Cable Satellite) | \$76,630 |
| Manufacturing - Consumer Goods | \$75,273 |
| Government - Military | \$75,200 |
| IT/Technical - Related Services | \$74,859 |
| Transportation/Public Utilities | \$74,154 |
| Natural Resources - Agriculture/Forestry | \$73,529 |
| Media - Print, Film, Music | \$73,484 |
| Manufacturing - Non-Computer | \$71,558 |
| Other | \$70,940 |
| Construction/Architecture/Engineering | \$70,442 |
| Retail/Wholesale | \$69,305 |
| Hospitality/Recreation | \$68,177 |
| Government - State/Local | \$66,380 |
| Education | \$59,394 |
| Figure 11 |  |



When looking at representative salaries by major metro areas, the South region continued to show strong performance by occupying 50\% of the top 10 positions. Dallas (\#1), Washington, DC (\#4), Atlanta (\#5), Baltimore (\#8), and Orlando (\#9) all represented the South region in the top ten. The Midwest showed the greatest variance in the top 25, with Columbus, OH , and St. Louis, MO, showing strong performance and Minneapolis, MN, and Detroit, MI, showing weak performance (see Figure 13).


With the need to do more with less and increase productivity, IT professionals often wear many hats that don't necessarily reflect a specific function. Certainly those with revenue-impacting responsibilities such as executive management and CIOs will top the list (see Figure 14). Job level has an impact as well, with middle management coming in at $\$ 78,000$, just above the average salary for all respondents.

## Salary by Job Function

| Executive Management (CEO SVP VP) | \$104,767 |
| :---: | :---: |
| System Architect | \$100,734 |
| Executive IS/IT Management (CIO СТО) | \$99,894 |
| Project Leader | \$90,764 |
| Hardware Design/Engineer | \$90,750 |
| Consultant | \$88,671 |
| Database Manager | \$87,261 |
| Computer Security Specialist | \$85,699 |
| Computer Software Engineer | \$82,418 |
| Network Manager | \$79,827 |
| Business Analyst | \$78,756 |
| Database Administrator | \$78,468 |
| E-business Specialist | \$77,375 |
| Other | \$76,622 |
| Network Engineer | \$75,447 |
| Systems Programmer | \$75,118 |
| System Analyst | \$74,625 |
| QA/software Test Engineer | \$70,649 |
| Database Analyst | \$69,950 |
| Telecommunications Specialist | \$67,614 |
| System Administrator | \$65,567 |
| Network Analyst | \$64,217 |
| Analyst | \$64,119 |
| Trainer | \$63,228 |
| Web/Internet | \$62,658 |
| Computer Specialist - Other | \$57,031 |
| Network Administrator | \$56,277 |
| Non-IT Staff | \$54,079 |
| Admin Support | \$51,819 |
| Help Desk Support | \$48,783 |
| igure 14 |  |

Age vs. Experience
Conventional wisdom tells us that age plays a role in the determination of salary. While this is true to a degree, experience is the dominant factor, followed by education. For example, an individual in the 36-45 age range with 10-14 years' experience earns 6.39\% more than an individual with the same experience who is between 46-55 years old (see Figure 15).

| Experience |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | < 2 years | 3-4 <br> years | 5-9 <br> years | $10-14$ years | > 15 years |
| 25 and under | \$39,833 | \$46,303 | - | - | - |
| 26-35 | \$45,647 | \$49,384 | \$62,453 | \$74,780 | \$84,077 |
| 36-45 | \$53,215 | \$53,795 | \$62,868 | \$76,712 | \$86,732 |
| 46-55 | \$46,108 | \$50,061 | \$58,740 | \$71,813 | \$86,102 |
| 56 and over | \$44,690 | \$48,429 | \$60,387 | \$61,326 | \$85,391 |
| Total | \$46,169 | \$49,796 | \$60,960 | \$74,184 | \$86,129 |
| Figure 15 |  |  |  |  |  |

## Education Pays

With respect to education, formal education matters. The average salary for those with a four-year degree is $\$ 76,446$ compared to $\$ 65,712$ for a certificate or degree from a technical school.

In our 2007 survey, respondents with a four-year degree reported an income 13\% higher than those with only some college experience. The 2008 data mirrors this finding with respondents with a four-year degree reporting incomes $13.31 \%$ higher than respondents with some college. The impact is further realized when looking at salaries of those with master's degrees. Their reported income is $14.60 \%$ higher than those with four-year degrees.

The advantage gained from specific technical or trade schools is often hands-on, focused training. However, IT managers are looking more and more for broader skills in business, marketing, and communications. While four-year and graduate degrees offer a diverse education, further training and certification also have an impact on salary.

## Training \& Certification

There have been many articles and discussions regarding the value of certification and in general, employer support for certification appears to be mixed. Some have argued that certifications don't matter any more or that they have lost their credibility. Others fear that training someone encourages them to leave their current employer.

For those without a certification, 54\% of respondents state that their employers don't require certifications. However, gaining a new certification within the next year is the goal of $42 \%$ of respondents. Of those participating in this study, $38 \%$ hold at least one certification that they consider primary. As Figure 16 illustrates, Microsoft remains dominant at $34.4 \%$ with Project Management ranked second at $16.3 \%$. On average, respondents have two certifications each.

## Highest Paying Certifications

The number of certifications has grown substantially over the past 10 years. More complex technologies and topics have been the catalyst for higher-level certifications such as the CISSP, CCIE, and PMP. The more advanced certifications require some form of advanced labs, documentation, or other evidence of knowledge that helps ensure the integrity of the certification.


Figure 16 - Certifications Held by Respondents

## Degrees or Certs: What Counts More?

What is more important: degrees or certifications? The answer is, it depends.

Get the facts when you click here.

Figure 17 illustrates the top paying certifications. When looking at the data, keep in mind that the salaries are also experienced-based, with most being held by individuals with more than 10 years of experience. The compensation associated with a certification is also correlated to the demand of the skill and the difficulty of achieving the certification.

| Highest Paying Certifications* |  |
| :---: | :---: |
| PMI Project Management Professional (PMP) | 101,695 |
| PMI Certified Associate in Project Management (CAPM) | 101,103 |
| ITIL v2 - Foundations | 95,415 |
| (ISC) ${ }^{2}$ Certified Information Systems Security Professional (CISSP) | 94,018 |
| Cisco CCIE Routing \& Switching | 93,500 |
| Cisco CCVP | 88,824 |
| ITIL v3 - ITIL Master | 86,600 |
| MCSD - Microsoft Certified Solution Developer | 84,522 |
| Cisco CCNP | 84,161 |
| Red Hat Certified Engineer (RHCE) | 83,692 |
| MCITP - Microsoft Certified Information Technology Professional - Enterprise Support | 82,941 |
| Cisco CCSP | 80,000 |
| MCAD - Microsoft Certified Applications Developer | 79,444 |
| MCITP - Microsoft Certified Information Technology Professional - Database | 77,000 |
| MCDBA - Microsoft Certified Database Administrator | 76,960 |
| Red Hat Certified Technician (RHCT) | 75,667 |
| HDI Help Desk/Support Center Manager | 75,556 |
| Cisco CCDA | 75,000 |
| MCSE 2000 - Microsoft Certified Systems Engineer | 71,980 |
| CIW - Certified Internet Web Professional | 71,000 |
| ComptiA Project+ | 70,000 |
| ComptiA Security+ | 68,533 |
| MCSE 2003 - Microsoft Certified Systems Engineer | 68,449 |
| Cisco CCNA | 64,260 |
| MCSA 2000 - Microsoft Certified Systems Administrator | 61,302 |
| MCTS - Microsoft Certified Technology Specialist | 60,300 |
| MCP- Microsoft Certified Professional | 59,987 |
| MCSA 2003 - Microsoft Certified Systems Administrator | 59,877 |
| MOS - Microsoft Office Specialist | 55,630 |
| MCDST - Microsoft Certified Desktop Support Technician | 49,805 |
| CompTIA Network+ | 49,053 |
| ComptiA A+ | 41,726 |
| Minimum of 10 responses igure 17 |  |

## 10 Tech Certifications that Actually Mean Something

There are hundreds of tech certifications out there, so how do you know which ones really provide a measure of your knowledge and skills? And which ones will really help you get a job or promotion? Here's a look at 10 of the technical certifications that offer value in today's IT job market.

1. Microsoft Certified Technical Specialist (MCTS) or Microsoft Certified IT Professional (MCITP) (formerly MCSE)
2. Microsoft Certified Architect (MCA)
3. Certified Information Systems Security Professional (CISSP)
4. Systems Security Certified Practitioner (SSCP)
5. GIAC Security Expert (GSE)
6. Cisco Certified Internetwork Expert (CCIE)
7. Cisco Certified Security Professional (CCSP)
8. Red Hat Certified Engineer (RHCE) and Red Hat Certified Architect (RHCA)
9. Information Technology Infrastructure Library (ITIL)
10. Certifications for Special Situations (including VoIP)

Read more and comment here.

The reality is that both training and certification matter. The extent to which they matter depends on industry, technology, or circumstance, but they do have substantial influence on salary. In a statistical analysis of the data, experience was the top factor, followed by education. Training was next, followed by certification. This is even including geography. Across the board in nearly every category, there is a substantial statistical significance in salary as a result of education, training, and certification.

In our survey, more than half of respondents stated that certification has had no impact at all on their salary. Despite this fact, $87 \%$ indicated that certification was a worthwhile investment. While this would seem to be an oxymoron, it actually serves to validate the top concern of IT professionals, which we established was keeping up with skills. While a certification may not guarantee a spike in salary, it is an effective way for professionals to keep their skills up to date and quantify their knowledge to employers.

What motivates IT professionals to take training? An overwhelming majority of $65 \%$ indicated that their major motivation for training was to build new skills and knowledge. An additional 9\% cited the desire to refresh existing skills and knowledge (see Figure 18).


Figure 18 - Why Take Trainig?
While money may not be the primary reason that professional pursue certification, training, or degrees, the correlation between knowledge and pay is real. Figure 19 compares the salaries of a network analyst and a systems administrator based on their education levels. The data clearly illustrates that optimal salary is achieved by combining formal education with certification and skills-based training.

| Network Analyst | Salary |
| :--- | :--- |
| 4-Year Degree, Training, Certification | $\$ 74,285$ |
| 4-Year Degree, Training, No Certification | $\$ 66,000$ |
| 4-Year Degree, No Training, Certification | $\$ 64,000$ |
| 4-Year Degree, No Training, No Certification | $\$ 61,200$ |
| Systems Administrator | Salary |
| 4-Year Degree, Training, Certification | $\$ 68,236$ |
| 4-Year Degree, Training, No Certification | $\$ 65,033$ |
| 4-Year Degree, No Training, Certification | $\$ 63,933$ |
| 4-Year Degree, No Training, No Certification | $\$ 63,812$ |
| Figure 19 |  |

Training and Your Employer: Who Pays and Who Benefits?
For some companies, training is still viewed as an expense rather than an investment. Even when viewed as an investment, some managers consider it as an investment for their competitor or someone else under the assumption that a trained employee will leave. However, our data, and other industry research, does not support this theory.

Nearly $43 \%$ of the respondents to this survey work in IT departments of less than 10 people with another 17\% in staffs between 10 and 25 . However, nearly half ( $47 \%$ ) work for companies with more than 1,000 employees.

Not surprisingly, there is a correlation between company size and the likelihood that the employer will pay for training. For small companies, nearly half do not offer paid training compared to only $15 \%$ of firms with more than 5,000 employees. Yet IT professionals still believe in the value of training. Of the smallest firms (less than 25), the majority of employees still seek training and will pay for it themselves.

Although the idea of tuition reimbursement has been around for some time, it is little utilized for IT training. When available, tuition reimbursement is most often provided for programs that offer a degree from an accredited institution and are for an extended period of time. Typical IT training programs are seminar based or end with a particular certification.

Software and hardware vendors are increasingly offering vouchers for training programs-either their own or those from approved providers. Indeed, from the vendor's perspective, training reduces help desk calls and increases customer satisfaction (see Figure 20).


## Summary

## For the Industry

In the most recent projections, the BLS estimates that the information sector will be the fastest growing sector of the economy for the next 10 years, reaching $\$ 1.7$ trillion in 2016.

Most of this projected growth is expected in telecommunications, software publishing, and Internet.
Correspondingly, the three fastest growing occupations are network systems and data communications analysts, computer systems analysts, and computer software applications engineers. The employment for all of IT is only projected to grow at an average annual rate of 0.7 percent. More reliable equipment, industry consolidation, and continued outsourcing are the factors in the slowing rate of employment.

## For IT Pros

The level of your success in satisfaction and in salary is a direct result of your investment in yourself. The demand for the IT professional is increasing, but since critical technical skills are constantly changing, long-term success is achieved by broader education and experience. Even if your employer does not offer tuition reimbursement, continuing education costs provide a return on investment and are tax deductible in many cases.

However, don't count on riding the coat tails of a rise in IT demand. Globalization and increased network interaction increases the competitive job pool. Again, the differentiation will be on proven skills and experience.

## For IT Managers

In a recent study by IDC (commissioned by Symantec), continuous effective training was identified as variable in increasing the productivity of an IT team by $10 \%$ or more.

Satisfied and motivated employees are productive employees, willing to go the extra mile in sharing the risk and reward of investment. As our research found, those with fewer opportunities to continue their skills development are more likely to leave their position, even at a pay cut. Perhaps it's time to revisit your tuition reimbursement program to include IT training from a trusted vendor.

Consider that replacement of skilled staff is an expensive and time-consuming process. The American Society of Training and Development (ASTD) estimates that the full cost to replace a professional is $150 \%$ of the annual salary. With an average IT salary of about $\$ 74,000$, the investment necessary is $\$ 110,000$. These costs include recruiting, vacancy costs, productivity losses, and training.

In a fast-changing competitive landscape, firms cannot afford to lose the core of their business intelligence. In this report, $24 \%$ of the respondents stated they are considering changing employers within the next year. Even those reporting high satisfaction with workload, work environment, and base salary are seven times more likely to consider changing employers.

## Survey Methodology

This Global Knowledge/TechRepublic salary survey was conducted via the Internet over a two-week period from October 11 to October 26, 2007. More than 1.6 million email invitations were sent to individuals from the sponsors' databases and from partner databases. Links were also provided on newsletters. With 7,193 respondents, the margin of error is less than $+/-0.12 \%$ at the $99 \%$ confidence interval. Although the entire survey is statistically significant and holds true in categories, specific certification and job function salaries reflect a much smaller number of respondents. This report illustrates trends and relationships within the IT industry. It is not designed nor intended to be a compensation study for the determination of specific salaries. Advanced modeling and data correlation was done with SPSS v14.

## About Global Knowledge

Global Knowledge (www.globalknowledge.com) is the worldwide leader in IT and business training. We deliver via training centers, private facilities, and the Internet, enabling our customers to choose when, where, and how they want to receive training programs and learning services. Our core training is focused on Cisco, Microsoft, Nortel, and Project Management. IT courses include networking, programming, operating systems, security, and telephony. Our business courses feature project management, professional skills, and business process curriculum. We offer more than 700 courses that span foundational and specialized training and certifications. Founded in 1995, Global Knowledge employs more than 1,500 people worldwide and is headquartered in Cary, N.C. The company is owned by New York-based investment firm Welsh, Carson, Anderson, and Stowe.

## About TechRepublic

TechRepublic ${ }^{\oplus}$ (www.techrepublic.com) provides IT executives and IT professionals with a valuable technical resource dedicated to meeting their day-to-day demands for timely and relevant IT-focused knowledge and insights.
TechRepublic's members, representing all segments of the IT industry, turn to the site for the information, advice, tools, and services needed to get their jobs done. TechRepublic is both an online trade publication and a massive social network that provides IT workers and IT leaders with the ultimate peer-to-peer experience for information gathering and problem solving. TechRepublic was founded in 1999 in Louisville, Kentucky, where it's editorial and product teams still have their headquarters. TechRepublic is a part of CNET Networks, which serves over 140 million users across the Web every month with highly engaging media experiences in a variety of popular topics.

## About the Author

Michael Chevalier is a Senior Project Analyst for Capital Analytics Inc. based in Durham, NC. He is a veteran of more than 20 years of experience in sales, economics, and marketing research in technology industries. He holds a BA in Management Economics and a MBA in Marketing.

## Contributing Editorial

Global Knowledge and TechRepublic staff writers.

## Report References

BLS Monthly Labor Review November 2007
http://www.bls.gov/opub/mir/mirhome.htm
ftp://ftp.bls.gov/pub/news.release/History/cpi.11152007.news

