



# North Carolina IT Workforce Market Analysis



August 2011 Issue

TEKsystems is a leading provider of Technology Staffing and Services. We specialize in Applications, Network Infrastructure, End-User Support and Communications technologies with a strong presence in: Financial Services, Healthcare Insurance, IT, Communications and Government verticals.

Our expertise spans a wide range of services including Staffing, Global and Workforce Management Services. We are also able to customize our offerings to provide our customers with the most valuable solutions.

	Non-farm Payroll Employment (Jun 11)	Labor Force (Jun 11)	State Unemployment Rate (Jun 11)	National Unemployment Rate (July 11)	National IT Unemployment Rate* (Q2 2011)
<b>Employment<sup>2</sup></b>	3,891,800	4,528,200	9.9%	9.1%	3.6%
<b>YOY Change</b>	2,500	(19,100)	(0.6%)	(0.4%)	(1.7%)

IT & Communications Employees (K) Statewide <sup>3</sup>	Total	Permanent IT Workers	Temporary IT Workers	YOY Growth
	108,990	92,642	16,349	4.5%

\* Gartner Research applied to develop permanent / temporary estimates from BLS Total (standard ratio of 85:15 applied to all skills)

Skills Statewide <sup>3</sup>	Employment	Permanent IT Workers	Temporary IT Workers	National Unemployment <sup>1</sup> (Q2 2011)		Median Hourly Wage		MSA 90th Percentile Hourly Wage**
				Rate	YOY Δ	State	National	
Computer & Information Systems Managers	11,040	9,384	1,656	2.4%	(2.5%)	\$53.85	\$54.67	\$68.42
Database Administrators	3,070	2,610	461	1.9%	(0.6%)	\$36.30	\$34.40	\$54.02
Computer Systems Analysts	17,620	14,977	2,643	1.6%	(4.3%)	\$36.62	\$37.06	\$55.44
Computer Programmers	11,360	9,656	1,704	3.6%	(2.8%)	\$35.48	\$34.10	\$54.18
Applications Software Engineers	13,180	11,203	1,977	3.8%	(1.3%)	\$41.29	\$42.06	\$59.95
Technical Writers	1,030	876	155	3.5%	(7.3%)	\$30.34	\$30.16	\$43.68
Systems Software Engineers	11,540	9,809	1,731	3.8%	(1.3%)	\$44.83	\$44.94	\$64.23
Computer Operators	2,170	1,845	326	8.5%	1.5%	\$16.88	\$17.36	\$25.71
Computer, Automated Teller and Office Machine Repairers	3,850	3,273	578	5.9%	(3.7%)	\$17.94	\$18.09	\$26.82
Computer Support Specialists	16,770	14,255	2,516	8.4%	2.3%	\$20.91	\$21.30	\$32.51
Network & Computer Systems Administrators	7,990	6,792	1,199	1.5%	(0.4%)	\$31.78	\$32.55	\$49.26
T-Comm Equipment Installers & Repairers*	6,110	5,194	917	6.5%	(3.4%)	\$25.80	\$26.71	\$32.18
T-Comm Line Installers & Repairers	3,260	2,771	489	4.0%	(6.3%)	\$21.71	\$23.61	\$30.36
Web Developers	-	-	-	4.8%	-	-	-	-

\* Except line installers

\*\* Average of MSA Wage Data

Metropolitan Statistical Area	Payroll Employment (Jun 11)	Local Unemployment (Jun 11)	Total IT Workers	YOY Growth	IT Talent Density within US
Asheville, NC	168,300	8.2%	2,250	(6.3%)	Average
Burlington, NC	55,400	10.9%	990	3.1%	Average
Charlotte-Gastonia-Concord, NC-SC	806,100	11.2%	32,760	8.0%	Strong
Durham, NC	280,300	8.0%	22,300	(2.3%)	Strong
Fayetteville, NC	130,600	10.1%	1,990	0.5%	Average
Goldsboro, NC	41,900	9.2%	90	-	Weak
Greensboro-High Point, NC	343,500	10.8%	8,270	2.4%	Above Average
Greenville, NC	75,300	10.8%	920	(12.0%)	Average
Hickory-Lenoir-Morganton, NC	141,800	12.5%	1,340	9.8%	Below Average
Jacksonville, NC	46,900	9.5%	480	2.1%	Below Average
Raleigh-Cary, NC	507,100	8.5%	25,230	6.0%	Strong
Rocky Mount, NC	59,400	13.7%	600	(15.5%)	Below Average
Wilmington, NC	136,800	10.4%	1,910	(1.5%)	Average
Winston-Salem, NC	206,100	9.9%	4,780	(2.4%)	Above Average
Non-Metro Areas Estimate	892,300	N/A	91,960	N/A	N/A

<sup>1</sup>National employment data collected from the BLS through 08/2011

<sup>2</sup>State and local employment data collected from the BLS through 08/2011 - State Labor Force from LAUS Table 1

<sup>3</sup>Skill set data collected from the BLS (OES) through 5/2011

WHO TO CONTACT...	
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**SHORT TERM IT JOB TRENDS**

- North Carolina ▼
- Raleigh ○
- Charlotte ○
- National ○

The IT job market in North Carolina declined further in July. Demand for professionals in technology occupations shrank 10.0% leaving job seekers with a daily average of 3,680

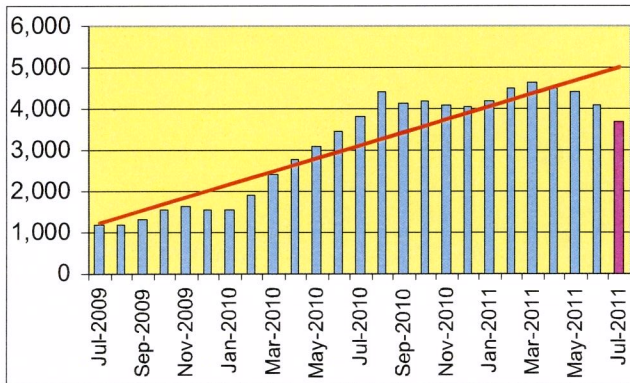
opportunities (estimate). The negative development over the past four months is stronger than what we would expect for a typical summer season where demand tends to be lower. Compared to the current average development in other states the market in South Carolina may be overreacting. For this reason we believe the IT job market will stabilize in the fall season.

**Table 1: IT Job Openings, North Carolina\***

Jul 11	Jun 11	May 11	Jul 10	Jul 09
3,680	4,090	4,390	4,260	1,130

The national average did not move much (up 0.7%) for the third month in a row. This lack of dynamic suggests that employers have assumed a general wait-and-see attitude, a potential result from an ongoing barrage of negative economic news with impact on consumption (i.e. high energy prices, government layoffs, etc.).

**Fig.1: IT Open Positions, North Carolina**



The decline in demand in the state affected mostly IT professionals in IT Management. Demand for this occupational group dropped 21.3% over the last 30 days.

\*) Estimated monthly averages are based on actual count of job openings.

**METHODOLOGY**

SkillPROOF surveys the inventories of job openings at large, regional and nationwide direct employers. Job openings are counted and verified every 24 hours. All data sources have been verified for timely removal of filled or closed positions. No data from job boards or search firms are included.

For this report SkillPROOF estimates the counts of job openings. Estimates are calculated directly from SkillPROOF's actual daily counts of job openings. As a base for its calculations, SkillPROOF uses data and findings from reports of the Bureau of Labor Statistics (BLS) <http://www.bls.gov>.

**Table 2: IT Job Opening Estimates by Category\***

	Jul 11	Jul 10
Total IT Job Market	3680	4260
Systems Eng./Support	1110	1200
IT Management	590	660
Software Development	570	690
IT Architects/Consultants	520	820
IT Sales and Marketing	320	460
Hardware Engineering	180	40
Systems Administration	160	240
Business/Process Design	150	80
Training/Tech Writing	30	40
Misc.IT Job Categories	70	50

**Table 3: Top 15 Needed Skills (Job Openings\*)**

	Jul 11	Jul 10
SQL	680	690
Oracle DBMS	620	900
Windows OS	560	770
Java	550	610
Unix	480	620
Large system technologies	420	520
Business Analysis	410	600
Linux	410	450
Microsoft SQL Server	400	450
C++/VC++	380	350
XML	250	250
Perl	240	130
Mainframe	220	180
Virtualization Technology	220	140
Web Services	200	160



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