



# North Carolina IT Workforce Market Analysis



July 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 (May 11)	Labor Force (May 11)	State Unemployment Rate (May 11)	National Unemployment Rate <sup>1</sup> (June 11)	National IT Unemployment Rate <sup>1</sup> (Q2 2011)
<b>Employment<sup>2</sup></b>	3,913,800	4,515,500	9.7%	9.2%	3.6%
<b>YOY Change</b>	6,600	(43,500)	(1.1%)	(0.3%)	(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

\* 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
<b>Computer Systems Analysts</b>	<b>17,620</b>	<b>14,977</b>	<b>2,643</b>	<b>1.6%</b>	<b>(4.3%)</b>	<b>\$36.62</b>	<b>\$37.06</b>	<b>\$55.44</b>
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
<b>Computer, Automated Teller and Office Machine Repairers</b>	<b>3,850</b>	<b>3,273</b>	<b>578</b>	<b>5.9%</b>	<b>(3.7%)</b>	<b>\$17.94</b>	<b>\$18.09</b>	<b>\$26.82</b>
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
<b>T-Comm Equipment Installers &amp; Repairers*</b>	<b>6,110</b>	<b>5,194</b>	<b>917</b>	<b>6.5%</b>	<b>(3.4%)</b>	<b>\$25.80</b>	<b>\$26.71</b>	<b>\$32.18</b>
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 (May 11)	Local Unemployment (May 11)	Total IT Workers	YOY Growth	IT Talent Density within US
Asheville, NC	168,200	7.7%	2,250	(6.3%)	Average
Burlington, NC	56,500	9.9%	990	3.1%	Average
Charlotte-Gastonia-Concord, NC-SC	811,200	10.4%	32,760	8.0%	Strong
Durham, NC	281,500	7.2%	22,300	(2.3%)	Strong
Fayetteville, NC	129,400	9.4%	1,990	0.5%	Average
Goldsboro, NC	42,200	8.5%	90	-	Weak
Greensboro-High Point, NC	339,300	10.2%	8,270	2.4%	Above Average
Greenville, NC	75,800	10.0%	920	(12.0%)	Average
Hickory-Lenoir-Morganton, NC	142,000	11.9%	1,340	9.8%	Below Average
Jacksonville, NC	48,000	8.3%	480	2.1%	Below Average
Raleigh-Cary, NC	506,700	7.9%	25,230	6.0%	Strong
Rocky Mount, NC	60,600	12.7%	600	(15.5%)	Below Average
Wilmington, NC	138,800	9.6%	1,910	(1.5%)	Average
Winston-Salem, NC	206,800	9.2%	4,780	(2.4%)	Above Average
Non-Metro Areas Estimate	906,800	N/A	91,960	N/A	N/A

<sup>1</sup>National employment data collected from the BLS through 07/2011

<sup>2</sup>State and local employment data collected from the BLS through 07/2011 - State Labor Force from LAUS Table 1

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

WHO TO CONTACT...	
<b>TEKsystems</b>	<b>NCTA</b>
Charlotte - 800.380.5473	4020 WestChase Blvd.
Greensboro - 888.560.2053	Suite 350
Raleigh - 888.560.2053	Raleigh, NC 27607
www.teksystems.com	919.856.0393
	www.nctechology.org

\*For additional details, contact TEKsystems Market Research by email at [TEKresearch@teksystems.com](mailto:TEKresearch@teksystems.com) or call 866.480.0208 to speak directly to an analyst.

**SHORT TERM IT JOB TRENDS**

- North Carolina ●
- Raleigh ●
- Charlotte ●
- National ●

The job market in North Carolina continues to erode after a good start earlier this year. Employers posted 7.0% fewer opportunities for IT professionals in June than in May. The development of IT labor demand is in line with developments in other states around the country.

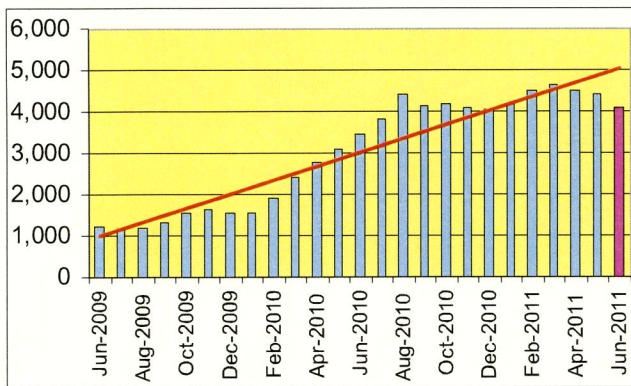
Looking back over the last 12 month it appears that the IT job market in the state is stagnant. While labor demand has clearly increased compared to 2009 improvements in the job market have stalled last year and not really picked up again. Now we are seeing a decline even before we reach the traditionally slow summer season. With this there is little hope that employers will increase their activity before the fall.

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

Jun 11	May 11	Apr 11	Jun 10	Jun 09
4,090	4,390	4,620	3,570	1,240

What is missing is a stable growth trend. The back and fourth in demand over the last year indicates that there is no optimism, neither with employers nor with consumers. The upward movement at the national level came to a still stand in April. Then in May (up 0.7%) and now in June (up 0.5%) the national average remains virtually unchanged.

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



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

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

	Jun 11	Jun 10
Total IT Job Market	4090	3570
Systems Eng./Support	1230	1060
IT Management	750	600
Software Development	590	520
IT Architects/Consultants	590	620
IT Sales and Marketing	270	370
Hardware Engineering	210	40
Systems Administration	190	220
Business/Process Design	150	80
Training/Tech Writing	40	40
Misc.IT Job Categories	70	40

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

	Jun 11	Jun 10
Oracle DBMS	700	730
SQL	680	570
Windows OS	620	600
Java	550	530
Business Analysis	520	470
Unix	500	440
Large system technologies	460	430
Linux	440	330
Microsoft SQL Server	400	360
C++/VC++	380	300
Perl	260	110
Mainframe	240	140
Web Services	230	160
XML	230	190
Virtualization Technology	220	90



North Carolina Technology Association  
4020 Westchase Boulevard, Ste 350  
Raleigh, NC 27607  
phone: (919) 856-0393  
web: www.NCTechnology.org



1201 Edwards Mill Rd., Ste 201  
Raleigh, NC 27607  
web: www.TEKSYSTEMS.COM  
Michael Farasy, Dir.Bus.Operations  
Ph: (919) 816-1481  
Email: mfarasy@teksystems.com

**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>.

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SkillPROOF Inc.  
510 Barnum Ave., Suite 402, Bridgeport, CT 06608  
phone: (917) 463 - 3941 fax: (815) 642-8694  
web: www.skillproof.com