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2014

Job Outlook 2015

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Participating Organizations

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ABOUT THE JOB OUTLOOK 2015 SURVEY

The Job Outlook survey is a forecast of hiring intentions of employers as they relate to new college graduates. Each year, the National Association of Colleges and Employers (NACE) surveys its employer members about their hiring plans and other employment-related issues in order to project the market for new college graduates for the current class and to assess a variety of conditions that may influence that market.

Data were collected for the Job Outlook 2015 survey from August 11, 2014, through October 7, 2014. A total of 260 surveys were returned—a 25 percent response rate.

Of those responding, 18.1 percent of respondents were from the West, 24.2 percent were from the Northeast, 26.5 percent were from the Southeast, and 31.2 percent were from the Midwest. For a list of respondents by industry and size, and a partial list of organizations that supplied data for this report, see pages 42 - 44.

Totals throughout the report may not equal 100 percent due to rounding.

NACE expects to provide a formal update of job market information once more in the 2014-15 academic year: The *Job Outlook* 2015 Spring Update survey (data collected in February – March 2015) will give NACE members a final update on hiring for 2014-15 graduates. Results will be available in early April 2015.

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U.S. COLLEGE HIRING TO INCREASE 8.3 PERCENT

Last spring, employers indicated that their final plans for Class of 2014 graduates would be to increase hiring by 8.6 percent. For Class of 2015 graduates, the initial projection is very similar, as employers plan to hire 8.3 percent more new college graduates for their U.S. operations than they did from the Class of 2014. (See Figure 1.)

In addition to the U.S. positions, more than one-quarter of employers report that they recruit college graduates for positions outside of the United States. The hiring projection for international positions is expected to increase for Class of 2015 graduates also, but by just 3.2 percent. The overall hiring projection for U.S. and international graduates for both U.S. and international positions will increase by 7.5 percent for the Class of 2015.



Figure 1: Job Outlook hiring projections, 2009-2015*

*Years 2014 and 2015 are the hiring projection for U.S. locations only. Prior years' projections are shown for informational purposes only, and should not be compared to the 2014 and 2015 projection. Employers' plans for their individual hiring numbers have also remained very similar in terms of the group of respondents with plans to increase, decrease, or maintain their numbers. (See Figure 2.) While respondents with plans to increase their college hire numbers is slightly smaller than last year's group, overall it is still the largest of the three categories. It is followed closely by respondents planning to maintain their college-hire numbers. Although respondents with plans to decrease their number of college hires is slightly higher than was the case last year, it remains relatively low.



Figure 2: Employers' hiring expectations

The main reasons employers cited for increasing their college hiring numbers can be categorized into two main groupings: business need/company growth and anticipated retirements. In addition, respondents cited the importance of hiring new college graduates to fill their talent pipelines, as these new hires will eventually become the future leaders of their organizations. For respondents planning to maintain their number of new college hires, similar reasons were given. Most said their business needs and company growth determined that they maintain their hiring numbers, although not in a negative way. These employers have a balance in their work forces and have no need to increase or decrease their numbers. Most of the handful of respondents that are decreasing their number of college hires reported company reorganization, with a few respondents citing budget cuts and worsening market conditions.

Job Market Ratings

Most employers continue to rate the overall job market as "good." (See Figure 3.) And, while the "excellent" and "poor" ratings remain nearly level, the group of respondents providing a "very good" rating has jumped to almost one-third of respondents. Slightly more than 11 percent of employers rated the market as "fair."

Figure 3: Employers rate the job market for 2014-15 graduates



Available vs. Unfilled Positions for College Graduates

Employers taking part in the current survey were asked to comment on their recruiting success over the past few years. How many openings did they have? How many went unfilled?

As Figure 4 indicates, the average number of openings and the average number of unfilled positions rose sharply with the Class of 2014. Employers had an average number of 251 positions available (up from up from 171 for the Class of 2013), and left an average of 14 seats empty—nearly double the number of unfilled spots among Class of 2013 grads.

Figure 4: Available vs. unfilled positions for 2013-2014, 2012-13, 2011-2012, and 2010-11 graduates

| Recruiting Year | Total Number of Available Positions | Average Number of Available Positions | Total Number of Unfilled Positions | Average Number of Unfilled Positions | Percent of Unfilled to Available Positions |
|-----------------|---|---|--|--|---|
| 2013-14 | 46,609 | 251 | 2,591 | 14 | 5.6% |
| 2012-13 | 24,834 | 171 | 1,126 | 8 | 4.5% |
| 2011-12 | 24,854 | 152 | 855 | 5 | 3.4% |
| 2010-11 | 24,356 | 148 | 1,172 | 7 | 4.8% |

Reassessing Hiring Plans

This year's respondents report varied schedules on how often they will reassess their college hiring needs. (See Figure 5.)

Although nearly half of respondents to the 2013-14 survey reported that they would reassess their hiring needs on a quarterly basis, that group dropped to just over one-third of this year's respondents. More employers plan to reassess on a weekly and monthly basis. However, the number of respondents that will reassess less frequently has also grown since last year, rising from just over 12 percent in 2013-14 to almost 17 percent in 2014-15. This group will reassess their hiring needs on an annual basis only. The more-even distribution of responses may not necessarily indicate caution on the part of employers, but it may suggest that employers merely want to be prepared for the prospect of hiring new graduates throughout the year.



Figure 5: Employers' plans to reassess hiring needs

Spring Recruiting Plans

The fall recruiting season remains the preferred time for employers to conduct college recruiting, as 2014-15 respondents plan to conduct, on average, two-thirds of their college recruiting in the fall. (See Figure 6.)

Figure 6: Percentage of college recruiting conducted in fall vs. spring, 2011-2015

| Job Outlook Survey Year | Fall | Spring |
|-------------------------|------|--------|
| 2015 | 66% | 34% |
| 2014 | 62% | 38% |
| 2013 | 68% | 32% |
| 2012 | 65% | 35% |
| 2011 | 64% | 36% |

Although most recruiting is planned for the fall, spring 2015 recruiting plans look promising, with almost half of respondents saying they have firm plans in place. (See Figure 7.) The best news is that fewer than 1 percent of respondents report that they are not hiring at all during the spring 2015 recruiting season.

| Recruiting Plans | Spring 2015 | Spring 2014 |
|--------------------------|-------------|-------------|
| Firm recruiting plans | 47.0% | 42.9% |
| Tentative plans in place | 23.7% | 30.3% |
| All recruiting in Fall | 19.2% | 13.7% |
| Unsure | 9.1% | 10.3% |
| Not hiring | 0.9% | 2.9% |

Figure 7: Spring 2015 recruiting plans

Recruiting Methods

This year's survey respondents are placing a much stronger emphasis on technology in recruiting graduates from the Class of 2015. Almost 65 percent of respondents plan to use more social networks, and just over 60 percent plan to use more technology in general. (See Figure 8.) Technology use has increased by more than 10 percent. And, compared to the changes in recruiting for 2011 graduates, the respondents that plan to use more social networks is almost 25 percent higher.

Figure 8: Change in recruiting methods, 2011-2015, by percent of respondents

| Change | % of 2015 Respondents | % of 2014 Respondents | % of 2013 Respondents | % of 2012 Respondents | % of 2011 Respondents |
|----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Using more social networks | 64.7% | 50.9% | 57.3% | 57.1% | 41.1% |
| Using more technology in general | 60.9% | 48.5% | 59.6% | 58.3% | 42.6% |
| Change in branding | 42.4% | 38.2% | 34.8% | 41.7% | 33.5% |
| Attending more career fairs | 32.1% | 33.3% | 39.3% | 42.3% | 28.4% |
| Attending fewer career fairs | 23.9% | 23.6% | 24.7% | 27.4% | 28.9% |
| Less travel | 20.1% | 21.8% | 21.3% | 18.3% | 19.3% |
| More travel | 19.6% | 18.2% | 21.9% | 22.3% | 15.2% |
| Other | 13.0% | 14.5% | 18.5% | 13.1% | 18.3% |

Hiring by Industry

Nearly three-quarters of the industries shown in Figure 9 report increases in hiring for Class of 2015 graduates for their U.S. positions. In the five industries where decreases are reported, the individual responses provide a clear picture of the reasons behind the decreases.

While it appears that employers in the information sector are reducing their hiring the most, of the 11 information respondents, just four are cutting back on their college hires. Two of those planning decreases say decreases will be in excess of 35 percent. The remaining seven respondents are all increasing their hiring, with none in this sector maintaining their number of new college hires.

In the case of finance, insurance, and real estate employers, a similar finding is true. Of the 16 total respondents, only four are decreasing hires, with two of those respondents cutting their numbers by 80 percent or more. Of the nine respondents in the finance, insurance, and real estate sector that are increasing their hiring, one respondent is planning to more than double its college hire numbers, but this large increase isn't enough to offset the two large decreases of the sector.

(Please note: Industry projections for the Class of 2015 graduates should be examined with caution as some sectors contain a small number of respondents. Only industries with five or more respondents are listed. Additionally, due to the small number of respondents in some industries, overall percentages may be easily skewed by one or two respondents.)

| Industry | # of 2015 Projected Hires | # of 2014 Actual Hires | % Change | # of Respondents |
|-----------------------------------|------------------------------|---------------------------|----------|---------------------|
| Oil & Gas Extraction | 1,232 | 1,008 | 22.2% | 6 |
| Utilities | 370 | 272 | 36.0% | 6 |
| Construction | 1,809 | 1,762 | 2.7% | 14 |
| Food & Beverage Mfg. | 750 | 651 | 15.2% | 7 |
| Chemical (Pharmaceutical) Mfg. | 2,213 | 2,260 | -2.1% | 21 |
| Computer & Electronics Mfg. | 3,737 | 3,433 | 8.9% | 10 |
| Misc. Mfg. | 880 | 717 | 22.7% | 18 |
| Wholesale Trade | 179 | 107 | 66.8% | 5 |
| Retail Trade | 1,355 | 937 | 44.6% | 7 |
| Information | 1,014 | 1,562 | -35.1% | 11 |
| Finance, Insurance, & Real Estate | 3,298 | 3,585 | -8.0% | 16 |
| Accounting Services | 8,055 | 6,646 | 21.2% | 5 |
| Engineering Services | 1,162 | 1,223 | -5.0% | 13 |
| Management Consulting | 1,473 | 1,301 | 13.2% | 12 |
| Misc. Prof. Services | 709 | 637 | 11.3% | 17 |
| Misc. Support Services | 227 | 233 | -2.6% | 5 |
| Government | 771 | 688 | 12.1% | 7 |

Figure 9: Total change in hiring, by industry*

*Hiring projections are for U.S. locations only. (Only industries with 5 or more respondents are represented here.)

Figures 10 and 11 also show other important components of the analysis by industry in spring 2015 recruiting plans and job market ratings. While information employers show the largest planned decrease in hiring in Figure 9, they rate the job market specific to their industry higher than any of the other employer types (Figure 11). In addition, almost 93 percent of information respondents have firm or tentative plans in place for spring 2015 on-campus recruiting (Figure 10), with the remaining 7 percent completing all of their recruiting this fall. There are no information respondents that are unsure of their spring 2015 recruiting plans or that won't be on campus because they are not hiring.

On the other hand, utilities companies rate the job market for their industry as "good," and they are planning an overall increase in hiring of 36 percent. All of their respondents have firm or tentative plans for spring 2015 on-campus recruiting.

| Industry | Firm Plans in Place | Tentative Plans | All Recruiting in Fall 2014 | Not Hiring | Unsure | # of Respondents |
|--------------------------------------|------------------------|--------------------|--------------------------------------|------------|--------|---------------------|
| Oil & Gas Extraction | 28.6% | 14.3% | 57.1% | 0.0% | 0.0% | 7 |
| Utilities | 83.3% | 16.7% | 0.0% | 0.0% | 0.0% | 6 |
| Construction | 60.0% | 6.7% | 26.7% | 0.0% | 6.7% | 15 |
| Food & Beverage Mfg. | 42.9% | 28.6% | 14.3% | 0.0% | 14.3% | 7 |
| Chemical (Pharmaceutical) Mfg. | 17.4% | 21.7% | 39.1% | 0.0% | 21.7% | 23 |
| Computer & Electronics Mfg. | 61.5% | 23.1% | 7.7% | 0.0% | 7.7% | 13 |
| Motor Vehicle Mfg. | 66.7% | 0.0% | 0.0% | 0.0% | 33.3% | 6 |
| Misc. Mfg. | 61.9% | 28.6% | 4.8% | 0.0% | 4.8% | 21 |
| Wholesale Trade | 40.0% | 20.0% | 0.0% | 0.0% | 40.0% | 5 |
| Retail Trade | 44.4% | 22.2% | 22.2% | 0.0% | 11.1% | 9 |
| Information | 50.0% | 42.9% | 7.1% | 0.0% | 0.0% | 14 |
| Finance, Insurance, & Real Estate | 31.6% | 26.3% | 31.6% | 0.0% | 10.5% | 19 |
| Accounting Services | 33.3% | 33.3% | 16.7% | 0.0% | 16.7% | 6 |
| Engineering Services | 57.1% | 28.6% | 14.3% | 0.0% | 0.0% | 14 |
| Management Consulting | 23.1% | 23.1% | 46.2% | 0.0% | 7.7% | 13 |
| Misc. Prof. Services | 47.1% | 23.5% | 11.8% | 5.9% | 11.8% | 17 |
| Misc. Support Services | 80.0% | 20.0% | 0.0% | 0.0% | 0.0% | 5 |
| Government | 57.1% | 14.3% | 28.6% | 0.0% | 0.0% | 7 |

Figure 10: Spring 2015 on-campus recruiting plans, by industry

| Industry | Average Rating | # of Respondents |
|-----------------------------------|----------------|------------------|
| Information | 4.21 | 14 |
| Accounting Services | 4.00 | 6 |
| Construction | 3.87 | 15 |
| Management Consulting | 3.85 | 13 |
| Wholesale Trade | 3.80 | 5 |
| Transportation | 3.80 | 5 |
| Engineering Services | 3.71 | 14 |
| Computer & Electronics Mfg. | 3.62 | 13 |
| Misc. Support Services | 3.60 | 5 |
| Finance, Insurance, & Real Estate | 3.58 | 19 |
| Government | 3.57 | 7 |
| Misc. Prof. Services | 3.53 | 17 |
| Oil & Gas Extraction | 3.43 | 7 |
| Food & Beverage Mfg. | 3.43 | 7 |
| Misc. Mfg. | 3.32 | 22 |
| Chemical (Pharmaceutical) Mfg. | 3.26 | 23 |
| Retail Trade | 3.20 | 10 |
| Utilities | 3.14 | 7 |
| Motor Vehicle Mfg. | 2.83 | 6 |

Figure 11: Job market ratings, by industry

(*5-point scale, where 1=Poor, 2=Fair, 3=Good, 4=Very good, 5=Excellent)

Hiring by Region

As Figure 12 indicates, hiring projections by region are split: Two regions project increases, while two project decreases.

Employers in the Northeast are most optimistic; interestingly, however, this region is home to the largest group of employers that are either not hiring in the spring or are unsure of their spring recruiting plans. (See Figure 14.)

The Western region posted the largest decrease, but much of the drop reflects the poor outlook of the information industry. Of the 33 responding employers in the West, eight represent information organizations, pulling down the hiring expectations for the region.

The Southeast also posted a decrease in hiring plans. Almost one-tenth of respondents in the Southeast report plans to cut back on hiring; these responses are dragging down overall hiring projections.

Figure 12: Total change in hiring, by region

| Region | # of 2015 Projected Hires | # of 2014 Actual Hires | % Change | # of Respondents |
|-----------|------------------------------|---------------------------|----------|---------------------|
| Northeast | 15,562 | 13,178 | 18.1% | 43 |
| Southeast | 7,202 | 7,375 | -2.3% | 59 |
| Midwest | 6,652 | 5,967 | 11.5% | 58 |
| West | 4,573 | 4,856 | -5.8% | 33 |



Figure 13: Hiring expectations by region, by percent of respondents

Figure 14: Spring 2015 recruiting plans, by region

| Region | Firm Plans in Place | Tentative Plans | All Recruiting in Fall 2014 | Not Hiring | Unsure |
|-----------|------------------------|-----------------|--------------------------------|------------|--------|
| Northeast | 40.8% | 20.4% | 22.4% | 4.1% | 12.2% |
| Southeast | 44.4% | 25.4% | 22.2% | 0.0% | 7.9% |
| Midwest | 46.4% | 24.6% | 21.7% | 0.0% | 7.2% |
| West | 60.5% | 23.7% | 5.3% | 0.0% | 10.5% |

WHO'S IN DEMAND?

Graduate demand by degree level continues to favor students earning bachelor's degrees. Almost all respondents say they will hire graduates that will receive bachelor's degrees in 2015. (See Figure 15.) Compared to 2013-14, a slightest uptick can be seen in the number of respondents that plan to hire master's degree graduates, but overall the percentages of respondents hiring and the distribution among the categories has barely changed for 2014-15.

Figure 15: Hiring expectations, by degree level

| Degree Level | Average Percent of New College Hires in 2014-15 | Number of Respondents Hiring 2014-15 | Percent of Total Respondents Hiring in 2014-15 | Average Percent of New College Hires in 2013-14 | Number of Respondents Who Hired in 2013-14 | Percent of Total Respondents Who Hired in 2013-14 |
|------------------------------------|---|---|--|---|---|---|
| Associate | 2.9% | 37 | 18.0% | 2.7% | 35 | 17.1% |
| Bachelor's | 79.7% | 204 | 99.0% | 80.4% | 201 | 98.0% |
| Master's | 14.2% | 161 | 78.2% | 13.8% | 155 | 75.6% |
| Doctorate | 2.7% | 47 | 22.8% | 2.6% | 48 | 23.4% |
| Professional (e.g., J.D., M.D.) | 0.5% | 16 | 7.8% | 0.5% | 16 | 7.8% |

In the current survey, employers were asked to report on their hiring intentions for all broad categories of majors, individual majors, and degree levels.

By overall broad category, regardless of degree level, graduates of the business, engineering, and computer and information sciences disciplines are most in demand. (See Figure 16.)

At the associate, bachelor's, and master's degree level, math and sciences graduates follow closely behind. (See Figure 17.)

At the doctorate degree level, engineering graduates prevail, with math and sciences and computer and information sciences rounding out the top three fields in demand.

| Broad Category | # of Respondents That Will Hire | % of Total Respondents (n=223) |
|---------------------------------|---------------------------------|--------------------------------|
| Business | 180 | 80.7% |
| Engineering | 166 | 74.4% |
| Computer & Information Sciences | 128 | 57.4% |
| Math & Sciences | 86 | 38.6% |
| Communications | 60 | 26.9% |
| Social Sciences | 50 | 22.4% |
| Humanities | 30 | 13.5% |
| Agriculture & Natural Resources | 20 | 9.0% |
| Healthcare | 16 | 7.2% |
| Education | 6 | 2.7% |

Figure 16: Top degrees in demand, by broad category

| Associate | Broad Category | # of Respondents That Will Hire | % of Total Respondents (n=223) |
|------------|---------------------------------|------------------------------------|--------------------------------|
| | Business | 7 | 3.1% |
| | Engineering | 6 | 2.7% |
| | Computer & Information Sciences | 3 | 1.3% |
| | Math & Sciences | 2 | 0.9% |
| | Communications | 2 | 0.9% |
| | Social Sciences | 1 | 0.4% |
| | Humanities | 1 | 0.4% |
| | Healthcare | 1 | 0.4% |
| | Education | 1 | 0.4% |
| | Agriculture & Natural Resources | 0 | 0.0% |
| Bachelor's | Broad Category | # of Respondents That Will Hire | % of Total Respondents (n=223) |
| | Business | 166 | 74.4% |
| | Engineering | 158 | 70.9% |
| | Computer & Information Sciences | 126 | 56.5% |
| | Math & Sciences | 79 | 35.4% |
| | Communications | 57 | 25.6% |
| | Social Sciences | 49 | 22.0% |
| | Humanities | 24 | 10.8% |
| | Agriculture & Natural Resources | 17 | 7.6% |
| | Healthcare | 15 | 6.7% |
| | Education | 3 | 1.3% |

Figure 17: Top degrees in demand, by degree level and broad category

continued

| Master's | Broad Category | # of Respondents That Will Hire | % of Total Respondents (n=223) |
|-----------|---------------------------------|------------------------------------|--------------------------------|
| | Business | 91 | 40.8% |
| | Engineering | 74 | 33.2% |
| | Computer & Information Sciences | 55 | 24.7% |
| | Math & Sciences | 36 | 16.1% |
| | Social Sciences | 10 | 4.5% |
| | Communications | 9 | 4.0% |
| | Healthcare | 6 | 2.7% |
| | Agriculture & Natural Resources | 5 | 2.2% |
| | Humanities | 5 | 2.2% |
| | Education | 2 | 0.9% |
| Doctorate | Broad Category | # of Respondents That Will Hire | % of Total Respondents (n=223 |
| | Engineering | 30 | 13.5% |
| | Math & Sciences | 23 | 10.3% |
| | Computer & Information Sciences | 11 | 4.9% |
| | Business | 6 | 2.7% |
| | Agriculture & Natural Resources | 2 | 0.9% |
| | Education | 1 | 0.4% |
| | Humanities | 1 | 0.4% |
| | Social Sciences | 1 | 0.4% |
| | Communications | 0 | 0.0% |
| | Healthcare | 0 | 0.0% |

Figure 17 continued: Top degrees in demand, by degree level and broad category

Individual majors most in demand at the bachelor's degree level include finance, accounting, and computer science. (See Figure 18.) These same three majors have topped the list since 2012.

| Major | # of Respondents That Will Hire | % of Total Respondents That Will Hire |
|--------------------------------|---------------------------------|---------------------------------------|
| Finance | 128 | 57.4% |
| Accounting | 125 | 56.1% |
| Computer Science | 120 | 53.8% |
| Mechanical Engineering | 116 | 52.0% |
| Business Administration/Mgmt. | 106 | 47.5% |
| Electrical Engineering | 104 | 46.6% |
| Information Sciences & Systems | 101 | 45.3% |
| Marketing | 93 | 41.7% |
| Logistics/Supply Chain | 91 | 40.8% |
| Management Information Systems | 87 | 39.0% |

Figure 18: Top degrees in demand (bachelor's degree level)

Figures 19 through 25 show the demand by major within the top seven broad categories in demand at the bachelor's degree level.

Highlights include:

- Of employers that will hire new grads with business degrees, more than three-quarters will hire finance and accounting majors. (See Figure 19.)
- Students earning mechanical engineering or electrical engineering degrees will be targeted by more than half of the respondents that will hire engineering degrees. (See Figure 20.)
- Within the humanities disciplines, English and liberal arts/general studies majors are most in demand. (See Figure 25.)

| Major | # of Respondents That Will Hire | % of Respondents Hiring Business Degrees (n=166) |
|--------------------------------|---------------------------------|---|
| Finance | 128 | 77.1% |
| Accounting | 125 | 75.3% |
| Business Administration/Mgmt. | 106 | 63.9% |
| Marketing | 93 | 56.0% |
| Logistics/Supply Chain | 91 | 54.8% |
| Management Information Systems | 87 | 52.4% |
| Human Resources | 71 | 42.8% |
| Sales | 69 | 41.6% |
| International Business | 38 | 22.9% |
| Actuary | 19 | 114% |
| Hospitality Management | 14 | 8.4% |

Figure 19: Top business degrees in demand

Figure 20: Top engineering degrees in demand

| Major | # of Respondents That Will Hire | % of Respondents Hiring Engineering Degrees (n=158) |
|--------------------------------------|---------------------------------|--|
| Mechanical Engineering | 116 | 73.4% |
| Electrical Engineering | 104 | 65.8% |
| Computer Engineering | 73 | 46.2% |
| Chemical Engineering | 70 | 44.3% |
| Industrial/Manufacturing Engineering | 65 | 41.1% |
| Civil Engineering | 64 | 40.5% |
| Engineering Technology | 48 | 30.4% |
| Systems Engineering | 43 | 27.2% |
| Environmental Engineering | 38 | 24.1% |
| Materials Engineering/Science | 36 | 22.8% |
| Aerospace/Aeronautical Engineering | 22 | 13.9% |
| Biomedical Engineering | 21 | 13.3% |
| Petroleum Engineering | 15 | 9.5% |
| Nuclear Engineering | 13 | 8.2% |

Figure 21: Top computer and information science degrees in demand

| Major | # of Respondents That Will Hire | % of Respondents Hiring Computer & Information Science Degrees (n=126) |
|--------------------------------|---------------------------------|--|
| Computer Science | 120 | 95.2% |
| Information Sciences & Systems | 101 | 80.2% |
| Software Applications | 74 | 58.7% |

Figure 22: Top math and science degrees in demand

| Major | # of Respondents That Will Hire | % of Respondents Hiring Math & Science Degrees (n=79) |
|-----------------------------|---------------------------------|--|
| Mathematics/Statistics | 55 | 69.6% |
| Environmental Science | 23 | 29.1% |
| Chemistry | 22 | 27.8% |
| Biology/Biological Sciences | 20 | 25.3% |
| Physics | 20 | 25.3% |
| Geology/Geological Sciences | 15 | 19.0% |
| Construction Science | 13 | 16.5% |

Figure 23: Top communications degrees in demand

| Major | # of Respondents That Will Hire | % of Total Respondents Hiring Communications Degrees (n=57) |
|------------------|---------------------------------|--|
| Communications | 57 | 100.0% |
| Public Relations | 28 | 49.1% |
| Advertising | 28 | 49.1% |
| Journalism | 26 | 45.6% |

Figure 24: Top social sciences degrees in demand

| Major | # of Respondents That Will Hire | % of Total Respondents Hiring Social Sciences Degrees (n=49) |
|---|---------------------------------|---|
| Economics | 48 | 98.0% |
| Psychology | 26 | 53.1% |
| Political Science/ International Relations | 22 | 44.9% |
| Sociology | 19 | 38.8% |
| Social Work | 7 | 14.3% |

Figure 25: Top humanities degrees in demand

| Major | # of Respondents That Will Hire | % of Respondents Hiring Humanities Degrees (n=24) |
|-------------------------------|---------------------------------|--|
| English Language & Literature | 19 | 79.2% |
| Liberal Arts/General Studies | 19 | 79.2% |
| History | 17 | 70.8% |
| Foreign Language & Literature | 14 | 58.3% |
| Philosophy | 13 | 54.2% |
| Visual & Performing Arts | 11 | 45.8% |
| Area & Gender Studies | 10 | 41.7% |

Three of the top four majors in demand at the master's degree level fall into the business category. Finance tops the 2014-15 list of majors in demand at this level. (See Figure 26.) M.B.A. graduates were the highest in demand in 2013-14, falling to fourth in demand in 2014-15. Also important to note is that this year's survey questionnaire listed all individual majors within the broad categories. In years prior, the only two business majors listed at the master's degree level were M.B.A. and accounting, which may explain the difference in order this year.

| Major | # of Respondents That Will Hire | % of Total Respondents That Will Hire |
|--------------------------------|---------------------------------|---------------------------------------|
| Finance | 54 | 24.2% |
| Computer Science | 53 | 23.8% |
| Accounting | 49 | 22.0% |
| M.B.A. | 45 | 20.2% |
| Mechanical Engineering | 45 | 20.2% |
| Electrical Engineering | 44 | 19.7% |
| Computer Engineering | 41 | 18.4% |
| Information Sciences & Systems | 36 | 16.1% |
| Logistics/Supply Chain | 33 | 14.8% |
| Human Resources | 32 | 14.3% |

Figure 26: Top degrees in demand (master's degree level)

At the doctorate level, engineering disciplines dominate the list of top majors in demand. (See Figure 27.)

| Major | # of Respondents That Will Hire | % of Total Respondents That Will Hire |
|---------------------------------------|---------------------------------|---------------------------------------|
| Chemical Engineering | 16 | 7.2% |
| Electrical Engineering | 14 | 6.3% |
| Computer Engineering | 12 | 5.4% |
| Mechanical Engineering | 12 | 5.4% |
| Physics | 11 | 4.9% |
| Materials Engineering/Science | 10 | 4.5% |
| Computer Science | 9 | 4.0% |
| Math/Statistics | 9 | 4.0% |
| Aerospace/Aeronautical Engineering | 8 | 3.6% |
| Chemistry | 8 | 3.6% |

Figure 27: Top degrees in demand (doctorate degree level)

Figures 28 through 31 provide the top bachelor's degrees in demand by geographic region.

| Major | # of Northeast Respondents Thar Will Hire | % of Northeast Respondents That Will Hire | % of Total Respondents Who Will Hire |
|--------------------------------|---|---|---|
| Finance | 31 | 58.5% | 57.4% |
| Business Administration/Mgmt. | 30 | 58.5% | 47.5% |
| Information Sciences & Systems | 28 | 52.8% | 45.3% |
| Accounting | 27 | 50.9% | 56.1% |
| Computer Science | 27 | 50.9% | 53.8% |

Figure 28: Top five undergraduate majors—Northeast

| Figure | 29: Top | five undergradu | Jate majors– | -Southeast |
|--------|---------|-----------------|--------------|------------|
|--------|---------|-----------------|--------------|------------|

| Major | # of Southeast Respondents That Will Hire | % of Southeast Respondents That Will Hire | % of Total Respondents That Will Hire |
|------------------------|---|---|--|
| Mechanical Engineering | 35 | 55.6% | 52.0% |
| Accounting | 32 | 50.8% | 56.1% |
| Electrical Engineering | 31 | 49.2% | 46.6% |
| Finance | 31 | 49.2% | 57.4% |
| Computer Science | 29 | 46.0% | 53.8% |

Figure 30: Top five undergraduate majors—Midwest

| Major | # of Midwest Respondents That Will Hire | % of Midwest Respondents That Will Hire | % of Total Respondents That Will Hire |
|------------------------|---|---|--|
| Accounting | 43 | 61.4% | 56.1% |
| Finance | 41 | 58.6% | 57.4% |
| Mechanical Engineering | 41 | 58.6% | 52.0% |
| Computer Science | 39 | 55.7% | 53.8% |
| Electrical Engineering | 36 | 51.4% | 46.6% |

| Major | # of West Respondents That Will Hire | % of West Respondents That Will Hire | % of Total Respondents That Will Hire |
|--------------------------------|--|--|--|
| Computer Science | 25 | 64.1% | 53.8% |
| Finance | 25 | 64.1% | 57.4% |
| Accounting | 23 | 59.0% | 56.1% |
| Electrical Engineering | 19 | 48.7% | 46.6% |
| Information Sciences & Systems | 19 | 48.7% | 45.3% |
| Mechanical Engineering | 19 | 48.7% | 52.0% |

Figure 31: Top five undergraduate majors—West

By industry, food and beverage manufacturers and finance, insurance, and real estate exhibit high interest in three of the top five majors in demand at the bachelor's degree level. (See Figure 32.)

Figure 32: Who's hiring by industry (bachelor's degree level)

| Major | Industries | % of Industry Respondents |
|-------------------------------|-----------------------------------|---------------------------|
| Finance | Misc. Support Services | 100% |
| | Finance, Insurance, & Real Estate | 95% |
| | Food & Beverage Mfg. | 86% |
| Accounting | Accounting Services | 100% |
| | Government | 100% |
| | Food & Beverage Mfg. | 86% |
| Computer Science | Information | 100% |
| | Computer & Electronics Mfg. | 92% |
| | Finance, Insurance, & Real Estate | 84% |
| Mechanical Engineering | Food & Beverage Mfg. | 100% |
| | Engineering Services | 87% |
| | Motor Vehicle Manufacturing | 83% |
| Business Administration/Mgmt. | Finance, Insurance, & Real Estate | 84% |
| | Retail Trade | 80% |
| | Transportation | 80% |

Of the four regions, employers in the Midwestern and Western regions show the most interest in four of the top five bachelor's majors in demand. (See Figure 33.)

| Major | Region | % of Respondents by Region |
|-------------------------------|-----------|----------------------------|
| Finance | West | 64% |
| | Midwest | 59% |
| | Northeast | 58% |
| | Southeast | 49% |
| Accounting | Midwest | 61% |
| | West | 59% |
| | Northeast | 51% |
| | Southeast | 51% |
| Computer Science | West | 64% |
| | Midwest | 56% |
| | Northeast | 51% |
| | Southeast | 46% |
| Mechanical Engineering | Midwest | 59% |
| | Southeast | 56% |
| | West | 49% |
| | Northeast | 40% |
| Business Administration/Mgmt. | Northeast | 57% |
| | Midwest | 49% |
| | Southeast | 44% |
| | West | 36% |

International Student Hiring Plans

The number of respondents with plans to hire international students continues to grow, with more than one-third of current respondents reporting plans to hire these particular graduates. (See Figure 34.)



Several industries report interest in hiring international graduates from the Class of 2015. Computer and electronics manufacturers show the most interest, with nearly 70 percent of respondents reporting plans to hire them. (See Figure 35.)



Two of the four geographic regions exhibit increased demand for international students compared to 2013-14. (See Figure 36.) The large increase in the West may be due to the fact that eight of the total respondents in the Western region fall into the computer and electronics manufacturing sector, which shows the most aggressive plans for hiring international students.



Figure 36: International student hiring plans, by region

HOW EMPLOYERS VIEW CANDIDATES

Slightly more than 68 percent of respondents plan to screen Class of 2015 candidates by GPA. Just over two-thirds of employers screened graduates from the Class of 2014, which was an all-time low since 2009. (See Figure 37.)



Figure 37: Screen candidates by GPA, by percent of respondents

Of those employers that plan to screen by GPA, more than 65 percent use a cutoff of 3.0. The remaining respondents are almost equally divided above and below the 3.0 cutoff.

Nearly all industries represented also report a median GPA cutoff of 3.0, with construction and transportation employers using slightly lower GPA cutoffs. (See Figure 38.)

| Industry | % of Respondents | GPA Cutoff (Reported Median) |
|-----------------------------------|------------------|------------------------------|
| Motor Vehicle Mfg. | 100.0% | 3.0 |
| Accounting Services | 100.0% | 3.0 |
| Management Consulting | 100.0% | 3.0 |
| Food & Beverage Mfg. | 85.7% | 3.0 |
| Chemical (Pharmaceutical) Mfg. | 81.0% | 3.0 |
| Computer & Electronics Mfg. | 76.9% | 3.0 |
| Wholesale Trade | 75.0% | 3.0 |
| Engineering Services | 71.4% | 3.0 |
| Misc. Prof. Services | 69.2% | 3.0 |
| Finance, Insurance, & Real Estate | 68.4% | 3.0 |
| Utilities | 66.7% | 3.0 |
| Information | 64.3% | 3.0 |
| Misc. Support Services | 60.0% | 3.0 |
| Construction | 57.1% | 2.9 |
| Misc. Mfg. | 55.6% | 3.0 |
| Retail Trade | 55.6% | 3.0 |
| Transportation | 50.0% | 2.6 |
| Oil & Gas Extraction | 42.9% | 3.0 |
| Government | 42.9% | 3.0 |

In addition to looking at a student's GPA, employers look at resumes for leadership skills and some evidence of teamwork as the most-important attributes. (See Figure 39.) The ability to work as part of a team jumped as a desired attribute among this year's respondents. Just over 71 percent of respondents in 2013-14 favored the ability to work in a team. Now, almost 78 percent of respondents seek evidence of it. Written communication skills, the third most desired skill, dropped 4 percent points from 2013-14.



Further evidence that having leadership skills can make or break a hiring decision: When employers are forced to choose between two equally qualified candidates, they will choose the candidate with leadership skills. (See Figure 40.) The student's academic major is also a large determining factor. Participation in extracurricular activities continues to have a lot of influence. The last four attributes—school attended, volunteer work, fluency in a foreign language, and study abroad continue to fall low on the influence scale.

Figure 40: Influence of attributes

| Attribute | 2015 Average Influence Rating* | 2014 Average Influence Rating* |
|---|--------------------------------|--------------------------------|
| Has held leadership position | 3.9 | 3.9 |
| Major | 3.9 | 3.9 |
| High GPA (3.0 or above) | 3.6 | 3.7 |
| Has been involved in extracurricular activities (clubs, sports, student government, etc.) | 3.6 | 3.5 |
| School attended | 2.8 | 2.9 |
| Has done volunteer work | 2.8 | 2.8 |
| Is fluent in a foreign language | 2.4 | 2.4 |
| Has studied abroad | 2.1 | 2.2 |

*5-point scale, where 1=No influence at all, 2=Not much influence, 3=Somewhat of an influence, 4=Very much influence, and 5=Extreme influence. It comes as no surprise that when given the list of candidate skills and qualities in Figure 41, employers once again rate teamwork as most important. Tied with teamwork is the ability to make decisions and solve problems, followed by verbal communication skills. The order of importance for the skills and qualities has not changed much compared to 2013-14, except that verbal communication skills has crept above planning, organizing, and prioritizing work.

Work experience is another important element for new college graduates to display. Relevant work experience, in particular, is preferred by almost three-quarters of 2014-15 respondents, and has been preferred by more than seven in 10 respondents over the last several years. (See Figure 42.) Fewer than 5 percent of respondents report that work experience doesn't typically factor into a hiring decision, and just over 20 percent of respondents indicate that they prefer any type of work experience, whether it's relevant or not.

When asked specifically about work experience preferences, six in 10 respondents indicated that they prefer work experience gained through an internship or co-op experience. (See Figure 43.) The remaining 40 percent of respondents have no preference as to how work experience is gained.

| Skill/Quality | Weighted Average Rating* |
|--|--------------------------|
| Ability to work in a team structure | 4.61 |
| Ability to make decisions and solve problems | 4.61 |
| Ability to verbally communicate with persons inside and outside the organization | 4.60 |
| Ability to plan, organize, and prioritize work | 4.59 |
| Ability to obtain and process information | 4.57 |
| Ability to analyze quantitative data | 4.32 |
| Technical knowledge related to the job | 4.19 |
| Proficiency with computer software programs | 4.03 |
| Ability to create and/or edit written reports | 3.75 |
| Ability to sell or influence others | 3.56 |

Figure 41: Employers rate the importance of candidate skills/qualities

*5-point scale, where 1=Not at all important; 2=Not very important; 3=Somewhat important; 4=Very important; and 5=Extremely important

| Hiring Preference | 2015 | 2014 | 2013 | 2012 |
|--|-------|-------|-------|-------|
| I prefer to hire candidates with relevant work experience. | 72.5% | 74.1% | 71.0% | 73.7% |
| l prefer to hire candidates with any type of work experience (doesn't matter if it's relevant or not, just some type of experience). | 20.1% | 20.7% | 19.9% | 17.5% |
| Work experience doesn't typically factor into my decision when hiring a new college graduate. | 3.9% | 1.1% | 4.8% | 4.1% |
| Other | 3.4% | 4.0% | 4.3% | 4.6% |

Figure 42: Employers' hiring preferences relative to experience, by percent of respondents

Figure 43: Employers' preference as to how work experience was gained, by percent of respondents





Employers graded average new graduate recruits on skills and attributes and found them lacking.

Employers indicated that new grads have lost ground in leadership and teamwork skills. The grade for leadership was graded at B+, showing that new grads still have room for improvement in that skill. Teamwork, the second key attribute, dropped from an A- among 2013-14 respondents to a B this year, making it the secondlowest graded attribute. Written communication skills, the third key skill employers look for, received a B-.

Figure 44: Employers grade their average new graduate recruits on skills/attributes



COMPENSATION AND SIGNING BONUSES

Starting Salaries

Two-thirds of respondents—a new all-time high—plan to increase starting salaries for Class of 2015 grads holding bachelor's degrees. Among those employers that expect to raise starting salaries, the average increase is 3.6 percent. About 57 percent of recruiters indicated that their increases would fall between 2 to 3 percent.



Figure 45: Employers with plans to increase starting salaries to bachelor's degree graduates

By industry, engineering services firms are the most likely to increase bachelor's degree salaries with 100 percent of respondents indicating that they will do so. (See Figure 46.)

| Figure 46: | Employers w | ith plans to | increase | starting so | alaries, by | industry |
|------------|-------------|--------------|----------|-------------|-------------|----------|
| | | | | | | |

| Industry | # of Respondents w/ Plans to Increase Bachelor's Salaries | # of Respondents by Industry | % of Respondents by Industry |
|-----------------------------------|---|---------------------------------|---------------------------------|
| Engineering Services | 7 | 7 | 100.0% |
| Food & Beverage Mfg. | 6 | 7 | 85.7% |
| Computer & Electronics Mfg. | 6 | 8 | 75.0% |
| Chemical (Pharmaceutical) Mfg. | 10 | 14 | 71.4% |
| Construction | 6 | 9 | 66.7% |
| Misc. Prof. Services | 5 | 8 | 62.5% |
| Retail Trade | 3 | 5 | 60.0% |
| Management Consulting | 5 | 9 | 55.6% |
| Finance, Insurance, & Real Estate | 5 | 11 | 45.5% |
| Misc. Mfg. | 4 | 9 | 44.4% |

Salary increases for bachelor's degree candidates are also planned in all four geographic regions, with respondents in the Midwest being the most likely to provide them. (See Figure 47.) Almost three-quarters of Midwestern respondents are planning increases to starting salaries, and their average planned increase is almost 4 percent.

More than half of respondents plan salary increases for new hires with a master's degree, an overall average increase of 3.3 percent.

| Region | # of Respondents w/Plans to Increase Bachelor's Salaries | # of Respondents by Region | % of Respondents by Region | Average projected increase* |
|-----------|--|-------------------------------|-------------------------------|--------------------------------|
| Northeast | 17 | 29 | 58.6% | 2.7% |
| Southeast | 20 | 32 | 62.5% | 4.1% |
| Midwest | 22 | 30 | 73.3% | 3.8% |
| West | 13 | 19 | 68.4% | 4.0% |

*Average calculation based only on respondents with plans to increase salaries.

Signing Bonuses

More employers have plans to offer signing bonuses to Class of 2015 graduates than any of the graduating classes over the past five years. (See Figure 48.) Over half of this year's respondents report that they will offer signing bonuses to Class of 2015 graduates. For the classes of 2010 and 2012, at least half of respondents reported that they actually did offer signing bonuses, but this is the first year that plans have topped 50 percent.

Among the employers with plans to offer signing bonuses, almost two-thirds plan to offer them only to selected candidates. And, the selected majors that are most likely to receive signing bonuses are also the same as those in most demand—business, engineering, or computer sciences fields.



Figure 48: Employers offering signing bonuses

By industry, food and beverage manufacturers are most inclined to offer signing bonuses to the Class of 2015 graduates. (See Figure 49.) And, employers in the Midwest continue to be the most likely of the four geographic regions to offer signing bonuses. (See Figure 50.)

Figure 49: Percent of employers offering signing bonuses to 2014-15 graduates, by industry

| Industry | % Offering Signing Bonuses | # of Respondents |
|-----------------------------------|----------------------------|------------------|
| Food & Beverage Mfg. | 85.7% | 7 |
| Management Consulting | 76.9% | 13 |
| Utilities | 66.7% | 6 |
| Chemical (Pharmaceutical) Mfg. | 66.7% | 21 |
| Accounting Services | 66.7% | 6 |
| Finance, Insurance, & Real Estate | 63.2% | 19 |
| Computer & Electronics Mfg. | 61.5% | 13 |
| Engineering Services | 53.3% | 15 |
| Construction | 50.0% | 14 |
| Misc. Prof. Services | 50.0% | 14 |
| Misc. Mfg. | 44.4% | 18 |
| Retail Trade | 44.4% | 9 |
| Oil & Gas Extraction | 42.9% | 7 |
| Information | 28.6% | 14 |
| Misc. Support Services | 20.0% | 5 |
| Government | 14.3% | 7 |

Figure 50: Percent of employers offering signing bonuses to 2014-15 graduates, by region

| Region | % That Plan to Offer Signing Bonuses in 2014-15 | % That Planned to Offer Signing Bonuses in 2013-14 |
|-----------|--|---|
| Northeast | 51.1% | 44.7% |
| Southeast | 54.2% | 52.5% |
| Midwest | 54.7% | 53.8% |
| West | 39.5% | 39.5% |

This year's respondents provided more detailed data on their signing bonus amounts by major. Figures 51 and 52 detail the average projected bonus amounts at both the bachelor's and master's level.

| Major | 2014-15 Average Bonus (Projected) | # of Respondents 2014-15 | 2013-14 Average Bonus (Projected) | # of Respondents 2013-14 |
|--------------------------------|--------------------------------------|-----------------------------|--------------------------------------|-----------------------------|
| Accounting | \$3,682 | 11 | \$4,000 | 6 |
| Business | \$3,958 | 6 | Not reported | Not reported |
| Chemical Engineering | \$5,250 | 6 | Not reported | Not reported |
| Computer Science | \$4,364 | 11 | \$5,000 | 6 |
| Engineering – not specified | \$5,107 | 14 | \$4,658 | 19 |
| Finance | \$2,938 | 8 | \$3,500 | 6 |
| Mechanical Engineering | \$2,600 | 5 | Not reported | Not reported |

Figure 51: Average signing bonus, by major (bachelor's degrees)*

*where 5 or more data points were provided

Figure 52: Average signing bonus, by major (master's degrees)*

| Major | 2014-15 Average Bonus (Projected) | # of Respondents 2014-15 | 2013-14 Average Bonus (Projected) | # of Respondents 2013-14 |
|--------------------------------|--------------------------------------|-----------------------------|--------------------------------------|-----------------------------|
| M.B.A. | \$20,250 | 8 | \$9,550 | 10 |
| Computer Science | \$5,125 | 8 | Not reported | Not reported |
| Engineering – not specified | \$7,500 | 5 | Not reported | Not reported |

*where 5 or more data points were provided

UPDATES FOR THE CLASS OF 2015

The Job Outlook 2015 Spring Update survey (data collected in February – March) will give NACE members a final update on hiring for 2014-15 graduates. Results will be available in early April.

The first report of starting salaries for the Class of 2015 will be published in the January 2015 *Salary Survey.*

APPENDIX

Figure 53: Respondents by size of department/business unit



Figure 54: Respondents by industry

| Industry | # of Respondents | % of Respondents |
|-----------------------------------|------------------|------------------|
| Agriculture | 2 | 0.8% |
| Oil & Gas Extraction | 8 | 3.1% |
| Utilities | 7 | 2.7% |
| Construction | 15 | 5.8% |
| Food & Beverage Mfg. | 9 | 3.5% |
| Chemical (Pharmaceutical) Mfg. | 23 | 8.8% |
| Computer & Electronics Mfg. | 17 | 6.5% |
| Motor Vehicle Mfg. | 6 | 2.3% |
| Misc. Mfg. | 26 | 10.0% |
| Wholesale Trade | 8 | 3.1% |
| Retail Trade | 13 | 5.0% |
| Transportation | 5 | 1.9% |
| Information | 17 | 6.5% |
| Finance, Insurance, & Real Estate | 23 | 8.8% |
| Accounting Services | 8 | 3.1% |
| Engineering Services | 18 | 6.9% |
| Management Consulting | 14 | 5.4% |
| Misc. Prof. Services | 20 | 7.7% |
| Social Services | 4 | 1.5% |
| Recreation & Hospitality | 4 | 1.5% |
| Misc. Support Services | 6 | 2.3% |
| Government | 7 | 2.7% |

Participating Organizations

Below is a list of the organizations that responded to the *Job Outlook* 2015 survey. (Please note: Although 260 organizations responded, the list below includes the names of 186 organizations, as 74 organizations preferred not to be listed.)

ACCO Brands Corporation Acushnet Company ADP Advanced Micro Devices, Inc. AIG Alcatel-Lucent ALCOA Inc. American Axle & Manufacturing Holdings, Inc. American Family Insurance AmeriHealth Mercy Family of Companies Angie's List Anheuser-Busch Companies, Inc. ARCADIS US Inc. ArcelorMittal USA Archer Daniels Midland Company Arete Associates Ascend Performance Materials Aspen Technology Inc. Asurion Corporation Audubon Engineering Automobile Club of Southern California Barilla America Inc. **Battelle Memorial Institute Bechtel Corporation** Black & Veatch Corporation Blackbaud, Inc. BlackRock, Inc. **Bluegreen Vacations BOK Financial Corporation** BreitBurn Energy BuhlerPrince Inc.

Burgess & Niple, Inc. Burns & McDonnell Engineering Co. Inc. C&S Wholesale Grocers, Inc. California State Auditor Campbell Soup Company Cargill, Inc. Catamaran CDM Smith Celanese International **Charles River Analytics Chevron Corporation** Cisco Systems, Inc. City Year, Inc. ConAgra Foods, Inc. ConocoPhillips Company Continental AG **COUNTRY** Financial **CUNA Mutual Group** Dallas Central Appraisal District **Depository Trust & Clearing** Corporation Desert Research Institute Dewberry Dick's Sporting Goods DIRECTV Draper Laboratory Dresser-Rand Company Duane Reade Duff & Phelps LLC Duke Energy Corporation dunnhumbyUSA DuPont Ecolab Inc.

Edward Jones Ellison Surface Technologies ENERCON Services, Inc. Entergy Services, Inc. Epsilon Equinix ESRI Exel Supply Chain Express Scripts, Inc. EY Federal Energy Regulatory Commission FirstEnergy Corporation Fluor Corporation - Global Recruiting Formosa Plastics Corp. USA Fujitsu America Inc. **GAF** Corporation GAP Inc. General Electric Company Georgia Tech Research Institute Goodman Networks Hazen and Sawyer P.C. Henkels & McCoy, Inc. Herbert, Rowland & Grubic, Inc. **HNTB** Companies Honda R&D Americas, Inc. Hormel Foods Corporation Huhtamaki, Inc. Huron Consulting Group **IBM** Corporation **INC** Research International Paper Company Intuitive Surgical J.B. Hunt Transport Inc.

kCura

Kearney & Company **Kiewit Energy Group** Kimberly-Clark Corporation King County Department of Natural **Resources and Parks** KPMG LLP L-3 Communications Integrated Systems Lake Shore Cryotronics, Inc. Lam Research Corporation Liberty Mutual Insurance Company Lord Corporation Macy's, Inc. **Mattress Firm** Maxim Integrated Products MeadWestvaco Corporation Medline Industries, Inc. Merck & Co., Inc. Messer Construction Co. Mondeléz International NetApp NiSource NRG Energy Inc. Olin Chlor Alkali Products Olsson Associates Orora North America Oshkosh Corporation OSIsoft, LLC Pacific Gas and Electric Company Panduit Corp. Pariveda Solutions Inc.

Parsons Brinckerhoff **Parsons** Corporation Perficient Phillips-Medisize Corporation PlastiComp, Inc. PrimeSource Building Products, Inc. ProBuild Procter & Gamble Co. **Progressive Insurance** Protiviti Inc. Prudential Questar Corporation **Rockwell Collins Rogers** Corporation Rosetta Ross Stores Inc. Roux Associates, Inc. Saks Fifth Avenue Savannah River Nuclear Solutions Schlumberger Oilfield Services Scitor Corp. Seagate Technology Selden Fox LTD Shawmut Design and Construction Simpson Gumpertz & Heger Inc. Snap-on Incorporated Southern California Edison Southwest Airlines Co. Sundt Construction Inc. Swagelok Companies SWIFT

Synergy Associates LLC Tenaris USA Teradata Corporation The Bank of New York Mellon Corporation The Children's Museum of Indianapolis The Nielsen Company The Rehmann Group The Walsh Group The Williams Companies Thurgood Marshall College Fund TimkenSteel Corporation **Tindall** Corporation Towers Watson Toys R Us, Inc. Trinity Consultants Inc. **Turner Construction Company** Tyco International Inc. U.S. Comptroller of the Currency U.S. General Services Administration Union Bank Union Pacific Railroad Company United Launch Alliance University of Massachusetts Medical School USS-POSCO Industries Verso Paper Corp. Vertafore Vistaprint Wood Group Zachry Holdings, Inc.



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