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ABSTRACT

This report presents the findings of a 1995 survey of 1992-93 and 1993-94 graduates of Boise State University (BSU) Idaho, which sought to determine what the students were doing after graduation and how well prepared they were to do it. The mail survey of 1,456 graduates found that: (1) 49 percent were working full-time, 25 percent were both working and continuing their education, and only 3 percent were unemployed and seeking employment; (2) 51 percent of graduates were already employed or obtained their first full-time job prior to graduation; (3) 57 percent of graduates reported that they frequently used the skills they had acquired at BSU on the job, while 87 percent used them either frequently or occasionally; (4) 2 to 3 years after graduation, 48 percent of graduates had salaries over \$25,000, with salaries varying greatly depending on student major; and (5) 20 percent of graduates indicated that their current degree was the highest one they planned to obtain. Thirteen tables present detailed information on graduate responses. An appendix discusses the survey methodology and includes a copy of the survey questionnaire. (MDM)

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What Happens to BSU Graduates? A Survey of 1992-93 and 1993-94 Completers

RESEARCH REPORT 95-01

Institutional Assessment

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Boise State University

What Happens to BSU Graduates? A Survey of 1992-93 and 1993-94 Completers

Research Report 95-01

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Institutional Assessment

Boise State University October 1995



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What Happens to BSU Graduates? A Survey of 1992-93 and 1993-94 Completers

ABSTRACT

The purpose of this study is to report on the findings of a survey of 1992-93 and 1993-94 BSU graduates on what these students were doing following graduation and how well prepared they were to do it. Taken as a whole, these results indicate that BSU graduates have found value for the time and effort they spent on an education. Most were gainfully employed and had been since shortly after graduation. A large majority were using the skills they gained at BSU in their work. Those who had continued their education agreed they were adequately prepared to do so. Highlights of the report include:

- Most graduates were working. Only 3% reported they were unemployed and seeking employment.
- Over half of graduates had a job at the point of graduation, and 78% were employed within three months of graduation.
- Most (87%) of graduates reported using skills acquired at BSU either frequently or occasionally in their work.
- Almost half of graduates were earning salaries over \$25,000.
- Most (80%) graduates plan to continue their education.
- Of those continuing their education, 94% felt they were adequately, more than adequately, or exceptionally well prepared.
- About 95% of those who have taken licensure examinations report passing.



What Happens to BSU Graduates? A Survey of 1992-93 and 1993-94 Completers

People go to college for many reasons. In the 1980s, however, and on into the 1990s, many students invested their time and money in college because they believed it would pay off in terms of better jobs and more money. A national survey of Fall 1994 freshmen, for example, found that the most frequently stated reason for attending college was to be able to get a better job (chosen by 77%), followed by being able to learn more about things that interested them (chosen by 73%) and being able to make more money (chosen by 72%). There have been increasing numbers of anecdotal reports, however, that college graduates can't find jobs....that college graduates are paid so little they can't afford to pay off their student loans...that college graduates are ill-prepared for the workplace or for graduate study. Decision makers have begun to ask, "If these things are true, what is the value of a college education?"

The purpose of this study is to report on the findings of a survey of 1992-93 and 1993-94 BSU graduates on what these students were doing following graduation and how well prepared they were to do it. Results can be used to respond to some of the current criticisms of higher education, when unjustified, and to consider changes, when appropriate. The results are based on the responses of about 43% of the graduates in these two years. Details of the study, including a copy of the full survey, can be found in Appendix A. Note that College of Technology graduates have been divided into two categories: Applied Technology and Engineering Technology (consisting of all bachelors' and masters' degree recipients).

What are Graduates Currently Doing?

The largest group of graduates (49%) were working full-time and not continuing their education. A sizeable percentage (25%), however, were both working and continuing their education. Very few (3%) were unemployed and seeking employment.



There were strong differences depending on the college from which the student graduated. For example, 69% of business graduates were employed full-time and not continuing their education and 15% were pursuing further education. By comparison, 25% of Arts and Sciences graduates were employed full-time without continuing their education while 40% were continuing their education. Education graduates were most likely to be working and continuing their education with 43% falling into this category. See Table 1 for more details.

How Long Did Graduates Need to Find Their First Job?

As shown by Table 2, a majority (51%) of graduates were already employed (24%) or obtained their first full-time job prior to graduation (27%). An additional 27% had a job within three months of graduating. College of Technology bachelors' and masters' graduates were especially likely to be working in a job they kept after graduating; half fit this category. Health Sciences and Applied Technology graduates were most likely to have a new job before they graduated. Education graduates seemed to take the longest time to find employment, perhaps because of the annual hiring cycle.

Have Graduates Found Their Education to be Helpful on the Job?

Over half (57%) of graduates reported that they frequently used the skills they had acquired at BSU on the job, while 87% used them either frequently or occasionally. Only 7% reported they did not use their BSU skills at all. By college, Health Science graduates were most likely to report that they used their skills frequently (76%) and Social Sciences and Public Affairs graduates were least likely (43% used their skills frequently). These findings are undoubtedly due to the specificity of training received (i.e., most Health Science graduates have trained for a very specific job). See Table 3 for full results.

Of those who indicated they had received special certification or training, 85% were using it in their jobs. Again, Health Sciences graduates were most likely to be using the special training. (See Table 4.)



Graduates who already had jobs at graduation were asked if their work responsibilities had changed; 62% indicated that they had received promotions or additional responsibilities as a result of the training they had received at BSU. This was especially true of Health Sciences and College of Technology (bachelors' and masters') graduates. See Table 5.

What Salaries Do Graduates Make?

Two to three years after graduation, slightly less than half (48%) had salaries over \$25,000. It was not surprising to find that the average salary varied greatly depending upon the college from which the student graduated. The modal salary range was highest for College of Technology graduates (\$50,000 and above) and lowest for Arts and Sciences graduates (under \$15,000). These findings are at least partially due to the amount of time that has elapsed since graduation; economic studies have shown that salaries for Arts and Sciences graduates will climb after additional years in the job market. In addition, many Arts and Science graduates were continuing their education. See Table 6 for further details.

Do Graduates Plan to Continue Their Education?

As shown by Table 7, fewer than 20% of graduates indicated that their current degree was the highest one they planned to obtain. Only in Applied Technology (which consists of diploma, certificate, and associate degree programs) did the largest group of graduates indicate that they expected to remain at their current educational level. In every other college, the modal group indicated that they planned to obtain master's degrees. Overall, almost half of graduates planned to get a master's degree.

In fact, 20% of graduates indicated that they had already applied for admission to another program (see Table 8) and 36% had already taken additional course work since graduation (see Table 9). Arts and Sciences graduates and Education graduates were particularly likely to be continuing their education. At least half of each group had taken more courses.



Do Graduates Feel They Were Prepared to Continue Their Education?

Graduates who indicated that they had taken additional courses since graduation were asked if they felt they were prepared to continue their education. Half of the graduates felt they were more than adequately prepared to continue, and only 6% felt they were less than adequately prepared. The remainder (44%) felt they were adequately prepared. Graduates from Arts and Sciences and from Social Sciences and Public Affairs were more likely to feel unprepared, but in each case only about 10% felt that way. See Table 10 for full details.

Do Graduates Pass Required Licensure or Certification Examinations?

Slightly over 20% of graduates indicated they had received special certification or training in an endorsement area at BSU (see Table 11). This was particularly true for College of Education graduates (52%) and Applied Technology (40%). About 95% of this special group indicated that they had passed the examination. The only college with less than a 90% pass rate was Business where 67% indicated they had tested and passed to date.

This is probably due to the extended period needed to become a CPA (certified public accountant). See Table 12 for full details.

Conclusions

Taken as a whole, these results indicate that BSU graduates have found value for the time and effort they spent on an education. Most were gainfully employed and had been since shortly after graduation. A large majority were using the skills they gained at BSU in their work. Those who had continued their education agreed they were adequately prepared to do so.

In addition, a majority of graduates planned to continue their education beyond their current degree. It was unclear whether this further education was motivated by love of learning, an upward mobility, job requirements or some complex combination of factors. Clearly, however, learning did not stop for BSU graduates upon receipt of the diploma,



and BSU administrators and staff should assume that they may be seeing their graduates again since most have remained in the local area.

Future reports will explore how satisfied graduates were with the services and education they received at BSU, what skills they thought were particularly important to develop and BSU's impact on their development, their perception of their major department, and their advice to improve the educational experience at the University.



Frequency Missing = 2061

| | Questic | Question 57. How long did | | u to obtain you | r first full-time | it take you to obtain your first full-time job after graduating from BSU? | ting from BSU | ~ | |
|------------------------|---------|---------------------------|----------------------|-----------------|-------------------|---|-------------------|---------------------|------------|
| COLLEGE | | Before Graduating | Less than 1 Month | 1-3 Months | 4-6 Months | 7-12 Months | Over 12 months | Aiready Employed | Total |
| Ade & Acientes | Number | 34 | 21 | 21 | 15 | 4 | 10 | 25 | 130 |
| | Parcent | 26% | 16% | 16% | 12% | 3% | 8% | 19% | 100% |
| Dielbee | Number | | 34 | 39 | 29 | 24 | 12 | 81 | 300 |
| ccollegg | Percent | 27% | 11% | 13% | 10% | 8% | ** | 27% | 100% |
| | Number | 21 | 23 | 45 | 24 | 19 | 14 | 41 | 187 |
| | Parcent | 11% | 12% | 24% | 13% | 10% | 7% | 22% | 100% |
| Leafth Colemon | Number | 53 | 15 | 7 | 1 | 13 | 9 | 41 | 156 |
| | Percent | 34% | 10% | 11% | 1% | 8% | 4 % | 26% | 100% |
| Coc Coi 9 Dub Affaire | Mimber | 69 | 20 | 37 | 31 | 6 | 16 | 4 9 | 241 |
| SUC SCI & PUD. Silaila | Derrent | %60 | %8 8 | 15% | 13% | 8% | %2 | 20% | 100% |
| Engineering Technology | Number | 17 | 9 | 3 | 2 | + | 2 | 34 | 8 9 |
| fanning fanns fanns | Percent | 25% | % 6 | 4% | 3% | %9 | 3% | 20% | 100% |
| Applied Technology | Number | 50 | 26 | 21 | 13 | 9 | 4 | 19 | 139 |
| francisco ponde | Percent | 36% | 19% | 15% | %6 | 4% | 3% | 14% | 100% |
| Total | Number | 325 | 145 | 183 | 125 | 89 | 64 | 290 | 1221 |
| | Percent | 27% | 12% | 15% | 10% | 2% | 2% | 24% | 100% |

| | | Use of Ski | TABLE 3 Use of Skills Acquired at BSU on the Job | Uon the Job | t, | 7 |
|-------------------------------|--------------|------------|---|--------------------|--------------|-------|
| | Question 59. | | Are you using skills and knowledge acquired at BSU in your job? | ye acquired at BSU | in your job? | |
| COLLEGE | | Frequently | Occasionally | Almost Never | o N | Total |
| Arte & Sciences | Number | 73 | 66 | 15 | 12 | 139 |
| | Percent | 53% | 28% | 11% | %6 | 100% |
| Business | Number | 147 | | 23 | 21 | 302 |
| | Percent | %6* | 37% | %8 | 7% | 100% |
| Education | Number | 137 | 57 | 3 | ტ | 194 |
| | Percent | 71% | 23% | 2% | 2% | 100% |
| Health Science | Number | 120 | 32 | 8 | 3 | 158 |
| | Percent | 76% | 20% | 2% | 2% | 100% |
| Soc Sci & Pub Affairs | Number | 110 | 92 | 29 | 24 | 255 |
| | Percent | 43% | 36% | 11% | % 6 | 100% |
| Engineering Technology Number | Number | 37 | 24 | 2 | 3 | 69 |
| | Percent | 54% | 35% | 7% | 4% | 100% |
| Applied Technology | Number | 16 | 31 | | - | 144 |
| | Percent | 63% | 22% | %8 | 8% | 100% |
| Total | Number | 715 | 374 | 68 | 83 | 1261 |
| | Percent | 21% | 30% | 7% | 7% | 100% |

Frequency Missing = 2245

| Use | of Special | TABLE 4 Use of Special Certifications or Endorsements Received at BSU | sements Received at B | 13n |
|------------------------|------------|---|--|------------|
| Q. 60. AI | re you wor | Q. 60. Are you working at a job where you are using the special certifications or endorsements you received at BSU? | re using the special certi ived at BSU? | ifications |
| COLLEGE | | Yes | No | Total |
| Arts & Sciences | Number | 23 | _o | 32 |
| | Percent | 72% | 28% | 100% |
| Business | Number | 8 | က | - |
| | Percent | 73% | 27% | 100% |
| Education | Number | 94 | -1 | 105 |
| | Percent | %06 | 10% | 100% |
| Health Science | Number | 27 | _ | 28 |
| | Percent | %96 | 4% | 100% |
| Soc Sci & Pub. Affairs | Number | 28 | တ | 37 |
| | Percent | 76% | 24% | 100% |
| Engineering Technology | Number | 3 | 0 | က |
| | Percent | 100% | %0 | 100% |
| Applied Technology | Number | 40 | 2 | 47 |
| | Percent | 85% | 15% | 100% |
| Total | Number | 223 | 40 | 263 |
| | Percent | 85% | 15% | 100% |

Note: Limited to those who indicated in questions that they had received special certification or training in an endorsement area.

| Percentage of res | pondents | TABLE 5 Percentage of respondents who received additional responsibilities as a result of training | ai responsibilities as | a result of training |
|-------------------------|-------------|--|---|---|
| Question 58. If you wen | e already e | employed, have you received a promo a result of the training you received? | eived a promotion or ad ou received? | Question 58. If you were already employed, have you received a promotion or additional responsibilities as a result of the training you received? |
| COLLEGE | | Yes | ON. | Total |
| Att & Colored | Number | 25 | 25 | 20 |
| | Percent | 20% | 20% | 100% |
| Business | Number | 91 | 28 | 149 |
| | Percent | 61% | 39% | 100% |
| Education | Number | 37 | 25 | 62 |
| | Percent | %09 | 40% | 100% |
| Health Science | Number | 29 | 22 | 81 |
| | Percent | 73% | 27% | 100% |
| Soc Sci & Pub Affairs | Number | 63 | 37 | 100 |
| | Percent | 63% | 37% | 100% |
| Engineering Technology | Number | 34 | 1 | 48 |
| | Percent | 71% | 79% | 100% |
| Applied Technology | Number | 35 | 28 | 63 |
| | Percent | 26% | 44% | 100% |
| Total | Number | 344 | 508 | 553 |
| | Percent | 62% | 38% | 100% |

Frequency Missing = 2953

| | | | Current Ar | inual Salary | TABLE 6 of 1992-83 | TABLE 6 unual Salary of 1992-83 and 1893-94 Graduates | Graduales | | 78 | | |
|-------------------------------|---------|-----------------------|---------------------|---------------------------------------|-----------------------|--|-----------------------|----------------|-----------------------|---------------------|-------|
| | | | | Question 62 | . What is yo | Question 62. What is your current annual salary? | nual salary? | | | | |
| COLLEGE | | Less than \$15,000 | \$15,000- 19,999 | \$20,000- 24,999 | \$25,000- \$29,999 | \$30,000- \$34,999 | \$35,000- \$39,999 | \$40,000- | \$45,000- \$49,999 | \$50,000 or more | Total |
| A do O Chinasan | Mumber | 07 | 31 | 26 | 10 | တ | 9 | 4 | 7 | ĸ | 133 |
| Alls a Sciences | Percent | 30% | 23% | 20% | %8 8 | 7% | 2% | 3% | 2% | 4 % | 100% |
| Business | Number | 18 | 37 | 53 | 73 | 40 | 20 | 13 | 6 | 25 | 288 |
| | Percent | %9 | 13% | 18% | 25% | 14% | 7% | 5% | 3% | %6 | 100% |
| Education | Number | 24 | 53 | 45 | 23 | 21 | 18 | 7 | - | - ; | 193 |
| | Percent | 12% | 27% | 23% | 12% | 11% | % 6 | 4% | 1% | 1% | 100% |
| Health Science | Number | 13 | 17 | 21 | 32 | 34 | 18 | တ | ⋆ | • • | 152 |
| | Percent | % 6 | 11% | 14% | 21% | 22% | 12% | %9 | 3% | 3% | 100% |
| Soc Sci & Pub Affairs | Number | 48 | 33 | 56 | 52 | 28 | 15 | 1 0 | 2 | ဒ | 249 |
| | Percent | 19% | 13% | 22% | 21% | 11% | %9 | * * | 1% | 2% | 100% |
| Engineering Technology Number | Number | 8 | 4 | 2 | 9 | 2 | 12 | 12 | 4 | 5 | 89 |
| | Percent | 12% | %9 | 7% | 4 % | 7% | 18% | 18% | %9 | 22% | 100% |
| Applied Technology | Number | 36 | 42 | 27 | 13 | S. | ∢ | 8 | 0 | 7 | 131 |
| | Percent | 27% | 32% | 21% | 10% | 4% | 3% | 2% | %0 | 2% | 100% |
| Total | Number | 187 | 217 | 233 | 206 | 142 | 93 | 57 | 22 | 57 | 1214 |
| | Percent | 15% | 18% | 19% | 17% | 12% | %8 | 2% | 2% | 2% | 100% |
| | | • | | 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | | | | | | | |
| Frequency Missing = 2292 | 92 | | | | | | | | | | 21 |

| | | Highest C | TABLE 7 Highest Degree Graduates Plan to Obtain Ouestion 8. What is the highest degree you plan to obtain? | 7 tes Plan to Clb lest degree you | tain ** | ## # # Jui | . |
|--|---------|--------------------|---|---|-----------|------------------------|----------|
| COLLEGE | | No More Degrees | BA/BS | MA/MS | PhD. | Professional Degree | Total |
| Arts & Sciences | Number | 25 | 13 | 102 | 37 | o | 186 |
| | Percent | 13% | 7% | 25% | 20% | 2% | 100% |
| Business | Number | 64 | 58 | 161 | 25 | O | 317 |
| | Percent | 20% | 18% | 51% | %8 | 3% | 100% |
| Transfer and the second | Number | 22 | 1 | 149 | 39 | - | 222 |
| | Percent | 10% | 2% | %29 | 18% | %0 | 100% |
| Health Science | Number | 33 | 40 | 76 | 2 | 9 | 178 |
| | Percent | 19% | 22% | 53% | 3% | 3% | 100% |
| Soc Sci & Pub. Affairs | Number | 77 | 29 | 151 | 64 | 14 | 302 |
| | Percent | 15% | 10% | 20% | 21% | 2% | 100% |
| Engineering Technology | Number | 15 | 15 | 27 | 16 | 0 | 73 |
| | Percent | 21% | 21% | 37% | 22% | %0 | 100% |
| Applied Technology | Number | 69 | 55 | 13 | 0 | 6 | 146 |
| | Percent | 47% | 38% | %6 | %0 | %9 | 100% |
| Total | Number | 272 | 221 | 697 | 186 | 84 | 1424 |
| | Percent | 19% | 16% | 49% | 13% | 3% | 100% |

Frequency Missing = 2082

| | Admissio | TAE In Plans of 1992 | TABLE 8 Admission Plans of 1992-93 and 1993-94 Graduates | Graduates | |
|------------------------|------------|-------------------------|---|---|--------------|
| Question 7. Sir | nce gradua | ating, have you a | pplied for admissi | Question 7. Since graduating, have you applied for admission to another degree program? | ree program? |
| COLLEGE | | Yes | Plan To | No | Total |
| Arts & Sciences | Number | 62 | 99 | 58 | 186 |
| | Percent | 33% | 35% | 31% | 100% |
| Business | Number | 38 | 134 | 147 | 319 |
| | Percent | 12% | 42% | 46% | 100% |
| Education | Number | 40 | 81 | 103 | 224 |
| | Percent | 18% | 36% | 46% | 100% |
| Health Science | Number | 30 | 85 | 63 | 178 |
| | Percent | 17% | 48% | 35% | 100% |
| Soc Sci & Pub. Affairs | Number | 85 | 126 | 96 | 307 |
| | Percent | 28% | 41% | 31% | 100% |
| Fnaineering Technology | Number | 12 | 32 | 31 | 75 |
| | Percent | 16% | 4 3% | 41% | 100% |
| Applied Technology | Number | 20 | 44 | 88 | 152 |
| | Percent | 13% | 29% | 58% | 100% |
| Total | Number | 287 | 568 | 586 | 1441 |
| | Percent | 20% | 39% | 41% | 100% |

Frequency Missing = 2065

| .e. | ercentage | TABLE 9 of Graduates Who had ta | TABLE 9 Percentage of Graduates Who had taken Additional Coursework | rork |
|------------------------|------------|------------------------------------|--|---------|
| Question | 5. Since g | raduating from BSU, hav | Question 5. Since graduating from BSU, have you taken additional coursework? | sework? |
| COLLEGE | | . ON | Yes | Total |
| 1 | Alimbor | e o | 94 | 187 |
| Spalled of City | Percent | 20% | 20% | 100% |
| Business | Number | 254 | 99 | 320 |
| | Percent | 462 | 21% | 100% |
| Education | Number | 101 | 123 | 224 |
| | Percent | 45% | 55% | 100% |
| Health Science | Number | 116 | 63 | 179 |
| | Percent | 65% | 35% | 100% |
| Soc Sci & Pub Affairs | Number | 206 | 102 | 308 |
| • | Percent | %19 | 33% | 400% |
| Engineering Technology | Number | 47 | 29 | 92 |
| (6) | Percent | 62% | 38% | 100% |
| Applied Technology | Number | 109 | 46 | 155 |
| | Percent | 40% | 30% | 100% |
| Total | Number | 926 | 523 | 1449 |
| | Percent | 64% | 36% | 100% |

Frequency Missing = 2057

| | | Percept | TAE | TABLE 10 Perceptions of Preparation to Continue Education | Education | *** | 34 |
|------------------------|----------|-----------------------|-------------------------|---|--|-------------|--------|
| | | Question 6. H | low well did BSU p | prepare you to cor | Question 6. How well did BSU prepare you to continue your education? | Suc. | |
| COLLEGE | | Exceptionally Well | More than adequately | Adequately | Less than adequately | Very poorly | Total |
| | | ď | 33 | 43 | 7 | | 91 |
| Arts & Sciences | Number | 0 % | 35% | 47% | 88 | 3% | 100% |
| | Fercent | 9/ | 300 | 36 | £ | | 64 |
| Business | Number | o 8 | 744% | 41% | 2% | 2% | 100% |
| | Percent | 0/.6 | 2 *** | | | | 119 |
| Education | Number | 22 | 4 G | 73% | 2% | %0 | 100% |
| | Percent | 17% | %AS | 0/24 | | | , |
| Health Science | Number | 7 | 2 | 3 | - ; | n (| 407.0% |
| | Percent | 11% | 32% | 20% | 2% | %6 | 9,501 |
| Soc Sci & Pub Affairs | Number | 9 | 41 | 43 | ∞ | - ; | 500 |
| 5 | Percent | %9 | 41% | 43% | %8 | 1% | 100% |
| Coningering Technology | <u> </u> | 9 | 9 | 15 | 0 | 0 | 77 |
| (Roman Simponifical | | 22% | 22% | 26% | %0 | %0 | 100% |
| | Mumber | | 25 | 16 | - | 0 | 45 |
| Africa recilional | Dercent | 7% | 26% | 36% | 2% | %0 | 400% |
| - T | Alimbor | 54 | 198 | 225 | 22 | ၹ | 207 |
| l otal | Manna A | 11% | %68 | 44% | 4% | 2% | 100% |
| | rescent. | 0/1- | 200 | | | | |

Note: Limited to those who have taken additional coursework since graduation

| Number and C | nd Percel | TABLE 11 Percentage of Graduates Reporting Any Special Certifications of Endors receive any special certification or training in an endorsement area at BSU? | TABLE 11. porting Any Special Certification or training in an endorsement | rs or Erdotsemente monte |
|-------------------------------|-----------|--|---|--------------------------|
| COLLEGE | | No. | Yes | Total |
| | Number | 138 | 41 | 179 |
| | Percent | 77% | 23% | 3.00r |
| Business | Number | 296 | 15 | 311 |
| | Percent | %56 | 5% | %00L |
| Education | Number | 105 | 116 | 221 |
| | Percent | 48% | 52% | 100% |
| Health Science | Number | 131 | 38 | 169 |
| | Percent | 78% | 22% | 100% |
| Soc Sci & Pub. Affairs | Number | 262 | 41 | 303 |
| | Percent | 86% | 14% | 100% |
| Engineering Technology Number | Number | 67 | | 74 |
| | Percent | 91% | % 6 | 100% |
| Applied Technology | Number | 87 | 58 | 145 |
| : | Percent | %09 | 40% | 100% |
| Total | Number | 1086 | 316 | 1402 |
| | Percent | 422 | 23% | 100% |

Frequency Missing = 2104

| Nuc | nber who | TABLE 12 have Taken and Passe | TABLE 12 Number who have Taken and Passed Licensure Examinations | ons. |
|------------------------|----------|----------------------------------|---|-------|
| COLLEGE | | No | Yes | Total |
| Arts & Sciences | Number | 2 | 14 | 43 |
| | Percent | 2% | 85% | 100% |
| Business | Number | 16 | 32 | 84 |
| | Percent | 33% | 67% | 100% |
| Education | Number | | 121 | 122 |
| | Percent | 1% | %66 | 100% |
| Health Science | Number | 8 | 135 | 138 |
| | Percent | 2% | %86 | 100% |
| Soc Sci & Pub. Affairs | Number | Z | 66 | 101 |
| | Percent | 2% | %86 | 100% |
| Engineering Technology | Number | 0 | O | o o |
| | Percent | %0 | 100% | 400% |
| Applied Technology | Number | 2 | 678 | 72 |
| | Percent | 7% | 942% | 100% |
| Total | Number | 29 | 504 | 533 |
| | Percent | 2% | 95% | 100% |

Frequency Missing = 2973

Appendix A

Survey Methodology

The follow-up of graduates is a process implemented this year to provide information to departments, colleges, and university administrators on the success of BSU graduates and their perceptions of their BSU experience. The process will take place every other year and will include all graduates from the prior two years. This year, graduates from 1992-93 and 1993-94 were surveyed.

The process began in April with a review of several surveys that were already available (including the BSU survey administered in 1992). These were presented at the Deans' Council in May along with the request to notify the Coordinator of any particular data needs. A draft survey was then developed and distributed to Deans and Associate Deans for review. By mid-June, a finalized survey was ready for printing and mailing.

The survey was mailed the last of June along with a cover letter from BSU President, Charles Ruch, using addresses from an alumni file maintained by the Office of University Relations. In early August, a follow-up letter from the Coordinator of Institutional Assessment was sent. This was followed with a reminder postcard several weeks later. As shown below, based on the number of correct addresses, the response rate was 43%.

| Number of Surveys Mailed: | <i>3,358</i> |
|---|--------------|
| Number returned due to Incorrect Information: | 7 |
| Number of Surveys Returned: | 1,456 |
| Percentage of Delivered Surveys Returned: | 43% |

The response rate differed depending on the College and program from which students received their degree. Only 29% of students in Applied Technology programs responded.



The response rate for the other colleges ranged from 42% to 49%. See Table 13 for details.

This pattern of return indicates that some colleges and programs are over-represented in the general results. No attempt was made, however, to weight the responses, and findings are reported in simple percentages of the total number of responses.



| | | TABLE 11 Survey Response Rates by College | s by college * ******************************** | ****** |
|--|---------|--|---|--------|
| | | Respond (Answered questionnnaire) | estionnnaire) | |
| COLLEGE | | No V | Yes | Total |
| 00000000000000000000000000000000000000 | Number | 237 | 187 | 424 |
| | Percent | 26% | 44% | 400% |
| Riciness | Number | 435 | 321 | 756 |
| | Percent | 58% | 42% | 100% |
| Edication | Number | 233 | 225 | 458 |
| | Percent | 51% | 4 9% | 100% |
| Health Science | Number | 255 | 181 | 436 |
| | Percent | 28% | 42% | 100% |
| Soc Sci & Pub Affairs | Number | 412 | 310 | 722 |
| | Percent | 57% | 43% | 100% |
| Engineering Technology | Number | 81 | 77 | 158 |
| (6 | Percent | 51% | %67 | 100% |
| Applied Technology | Number | 387 | 155 | 542 |
| | Percent | 71% | 29% | 100% |
| Total | Number | 2040 | 1456 | 3496 * |
| | Percent | 58% | 42% | 100% |

Note:* 3,358 surveys were mailed. The discrepancy is due to graduates who obtained more than one degree.

Frequency Missing = 10

SURVEY OF BOISE STATE UNIVERSITY GRADUATES

INTRODUCTION: As part of a continuing self-study effort, Boise State University is engaged in a survey of its graduates to secure information that can be used to help improve the educational programs and related services we provide our students and the communities they represent. Since you are a graduate of BSU, you are in a pivotal position to help us in this important assessment. We would, therefore, appreciate your taking 10-15 minutes of your time to complete this questionnaire.

Your responses to this survey will be kept COMPLETELY CONFIDENTIAL and all reports using the information provided will only deal with groups of respondents, not individuals. Therefore, we are asking you to respond with candor so we will be able to use the information/ideas you provide to improve our academic and support programs. However, if you do not want to answer a particular item, feel free to omit that item and go on to the next one.

After you have completed your questionnaire, place it in the prepaid envelope, and return it to the address shown. Please return this instrument within the next week. However, if this arrived while you were away, we'd still like to hear from you. THANK YOU.

- 1. Which one of the following best describes what you are currently doing? Continuing my education, not employed outside the home 0 Employed and continuing my education 2 Employed full-time (not continuing my education) 3 Employed part-time (not continuing my education) **(1)** Self-employed (farm or business owner, etc.) Serving in the Armed Forces/Military 6 Caring for a home/family (not employed outside the home, not continuing education) Unemployed and seeking employment **(B)** Other (Please specify).
- Have you taken any licensing or certification examinations related to your major or area of study at BSU?
 Yes, I have taken and passed such an exam
 Yes, I have taken such an exam but do not yet know the results
 Yes, I have taken such an exam but did not pass
 No, I have not taken any such exams but plan to do so
 No, and I have no plans to take any such exams
 Jot applicable
- 3. Did you receive any special certification or training in an endorsement area at BSU?
 D No
 Yes
 4. If yes, in what area?

| | 5. Since graduating from BSU, have you taken additional course work? | | | | | |
|----------|--|--|--|--|--|--|
| 0 | No | | | | | |
| 2 | Yes | | | | | |
| 6. How | 6. How well did BSU prepare you to continue your education? | | | | | |
| ① | Exceptionally well | | | | | |
| ② | More than adequately | | | | | |
| 3 | Adequately | | | | | |
| ④ | Less than adequately | | | | | |
| 5 | Very poorly | | | | | |
| 6 | Not applicable | | | | | |
| | 7. Since graduating, have you applied for admission to another degree program? | | | | | |
| 0 | Yes | | | | | |
| 2 | No, but plan to apply | | | | | |
| 3 | No, and have no plans to apply | | | | | |

| 8. What is the highest degree you plan to obtain? | | | | | | |
|---|--|--|--|--|--|--|
| 0 | I do not plan to obtain any additional degrees | | | | | |
| 2 | Bachelor's degree | | | | | |
| 3 | Master's degree | | | | | |
| ④ | Doctoral Degree | | | | | |
| (5) | Professional degree | | | | | |
| 9. Are you currently working on another degree? | | | | | | |
| 0 | Yes | | | | | |
| 2 | No | | | | | |

BELOW IS A LIST OF ABILITIES OR SKILLS ONE MIGHT EXPECT TO DEVELOP WHILE PURSUING A POSTSECONDARY EDUCATION. TO THE LEFT, INDICATE YOUR OPINION OF THE IMPORTANCE OF THE SKILL IN AN INDIVIDUAL'S EFFORTS TO BE PERSONALLY/PROFESSIONALLY SUCCESSFUL IN TODAY'S WORLD. TO THE RIGHT, INDICATE THE IMPACT OF YOUR EXPERIENCE AT THIS UNIVERSITY ON YOUR ATTAINMENT OF EACH SKILL.

Major Importance

Major Impact

Moderate Importance

IMPORTANCE

Minor Importance

OF UNIVERSITY

Minor Impact

| Major Importance IMPORTANCE IMPACT | | | | | | Major Impact | | | |
|--------------------------------------|--------------|----------|------------------|---|-----------------------------------|--------------|----------|---------------------|----------|
| | Mode | | or Impo | rtance 	TO YOU | IMPACT OF UNIVERSITY> EXPERIENCES | | Modera | te Impa Vinor Ir | |
| <u> </u> | _ | <u> </u> | _ _ _ | | | т ₩ | <u> </u> | | |
| • | (3) | 2 | • | 10. Developing original ideas and/or product | S | ④ | 3 | 2 | 1 |
| ④ | 3 | 2 | 0 | 11. Thinking objectively about beliefs, attitude | les, and values | • | 3 | 2 | o |
| ④ | 3 | 2 | ① | 12. Making and exercising a lifelong commit | ment to learning | • | 3 | 2 | • |
| ④ | 3 | 2 | ① | Living my personal and professional life standard/ethic | according to my own | • | 3 | 2 | • |
| ④ | 3 | 2 | ① | 14. Defining and solving problems | | • | 3 | 2 | • |
| ④ | 3 | 2 | 0 | 15. Developing skills that employers need | | • | 3 | 2 | ① |
| ④ | 3 | 2 | ① | 16. Accessing and using a variety of informat | ion sources | • | 3 | 2 | ① |
| ④ | 3 | 2 | • | 17. Getting along with people from various c etc. | ultures, races, backgrounds, | • | 3 | 2 | • |
| ④ | 3 | 2 | ① | 18. Recognizing and using effective oral com | munication skills | ④ | 3 | 2 | ① |
| ④ | 3 | 2 | 0 | 19. Developing and using effective leadership | skills | • | 3 | 2 | ① |
| ④ | 3 | 2 | 0 | 20. Learning about existing and emerging car | eer options | • | 3 | 2 | ① |
| ④ | 3 | 2 | 1 | 21. Understanding the interaction of human b | eings and the environment | ④ | 3 | 2 | ① |
| • | 3 | 2 | • | 22. Analyzing and drawing conclusions from | various types of data | • | 3 | 2 | ① |
| ① | 3 | 2 | 1 | 23. Recognizing and using effective written c | ommunication skills | 4 | 3 | 2 | • |
| ④ | 3 | 2 | 0 | 24. Suggesting solutions to employers' needs | | (| 3 | 2 | • |
| ④ | 3 | 2 | • | 25. Working cooperatively in groups; workin | g as a team member | ④ | 3 | 2 | ① |
| ① | 3 | 2 | ① | 26. Understanding international issues (politi- | cal, economic, etc.) | ① | 3 | 2 | ① |

| | INDICATE HOW YOU FEEL ABOUT EACH OF THE FOLLOWING STATEMENTS. | | | | | | | |
|-------|---|---|----------|------------|---|--|--|--|
| Stroi | Strongly Agree Agree No Opinion Disagree Strongly Disagree | | | | | | | |
| 0 | 2 | 3 | ④ | (5) | 27. Generally, BSU's environment was warm and friendly. | | | |
| 0 | 2 | 3 | • | • | 28. I had to delay my graduation because courses I needed were not available. | | | |
| 0 | 2 | 3 | • | 5 | 29. Overall, I think BSU is a fine university. | | | |
| 0 | 2 | 3 | • | ⑤ | 30. BSU needs a wider variety of activities and organizations for students. | | | |
| 0 | 2 | 3 | ④ | ⑤ | 31. I am convinced I made the right decision in choosing BSU. | | | |



FOR EACH SERVICE (OR PROGRAM) LISTED, INDICATE (a) WHETHER YOU USED THE SERVICE WHILE AT BSU AND (b), IF YOU USED THE SERVICE, YOUR LEVEL OF SATISFACTION WITH THAT SERVICE. I Did Not Use This Service I used this service and was: Very Satisfied Satisfied Neutral Dissatisfied Very Dissatisfied 0 2 3 **①** (5) 6 32. Course registration processes 0 2 3 **①** (5) 6 33. Financial aid services 0 2 3 **①** (5) 6 34. Academic advising services 0 3 **①** (5) 6 35. Credit-by-Examination Program 0 2 3 **④** (5) 6 36. Parking facilities and services 0 3 **(1) (5)** 6 37. Student employment services 0 2 3 **(4)** (5) 6 38. Residence halls and apartments 0 2 3 **(** (5) 6 39. Food services 0 3 (5) 40. Student health services 4 6 ❿ 3 2 (5) **(1)** 6 41. Day care services മ 3 **(1)** (5) 6 42. Veterans services 0 3 **④** (5) 6 43. Honors Program 0 3 **(1)** (5) 6 44. Library facilities and services 0 2 3 **(1) (5)** 6 45. Counseling services 0 3 4 (5) 6 46. University-sponsored tutorial services 0 2 3 **①** (5) 6 47. Cultural programs and activities 0 3 48. College-sponsored social activities **(1)** (5) 6 0 2 3 **(1)** (5) 6 49. Recreational and intramural programs and services 0 2 3 **(1)** (5) 50. Campus newsletters/newspapers 6 0 2 3 **(** (5) 6 51. Career planning and job placement services 0 2 3 4 (5) 6 52. Internship experience 0 2 3 ◑ (5) 6 53. Distance education programs 0 2 3 0 (5) **6** 54. Continuing education programs 0 3 ➂ (3) **6** 55. Admissions 4 56. Registrar's office

PLEASE COMPLETE THE FOLLOWING ITEMS IF YOU ARE WORKING FULL-TIME. 57. How long did it take you to obtain your first fulltime job after graduating from BSU? Obtained the job prior to leaving BSU മ Less than one month **3** 1 to 3 months 4 to 6 months ◑ 7 to 12 months 6 Over 12 months I was already employed and have continued 0 in that job 58. If you were already employed, have you received a promotion or additional responsibilities as a result of the training you received? 0 Yes 2 No 3 Not Applicable 59. Are you using skills and knowledge acquired at BSU in your job? Yes, frequently ❿ 2 Yes, occasionally Almost never 3 No **(** 60. Are you working at a job where you are using the special certifications or endorsements you received at BSU? Yes 0 No 2 3 Not applicable 61. What is your current job? ___ 62. What is your current annual salary? Less than \$15,000 \$15,000 - \$19,999 \$20,000 - \$24,999 **\$25,000 - \$29,999** \$30,000 - \$34,999 **\$35,000 - \$39,999** \$40,000 - \$44,999 \$45,000 - \$49,999 \$50,000 or more



TO WHAT EXTENT DO YOU AGREE WITH THE FOLLOWING STATEMENTS ABOUT YOUR MAJOR PROGRAM OR DEPARTMENT WHILE YOU WERE AT BSU? Agree Strongly Agree With Reservations Disagree With Reservations Disagree Strongly ₩ 1 2 3 **①** Faculty members were genuinely interested in the welfare of students. 63. 0 2 3 **①** I would advise a friend with similar interests to enroll in the same major. 64. 0 2 3 Many department/program courses were not offered at the right times for me. **(** 65. 0 2 3 A number of courses covered the same material and were redundant. **①** 66. 1 2 3 **④** Department members actively helped graduates of the program find appropriate 67. employment. 0 2 3 If starting over, I would enroll in the same major/program again. **④** 1 2 3 There was good communication between faculty and students regarding student **4** 69. needs/concerns. 0 2 3 Many opportunities existed outside of class for interactions between students and **④** 70. faculty departments. 0 2 The interactions and discussions with my peers in the department were a major 3 **①** 71. source of motivation and support. 0 Department members encouraged and helped students explore ways of continuing 3 **④** their education after graduating from BSU. **④** Faculty were outstanding teachers.

| 74. | Most recent BSU degree | 75. Year | |
|--------------|---|----------|--|
| l | What advice would you give to your department to improve | | |
| _ | | | |
| | | | |
| 78. | What did you like most about your BSU experience? | | |
| | | | |
| 79. | What was the best course you took at BSU? | | |
| \$ 0. | What course did you find least helpful? | | |
| | What was the hardest thing you had to do in order to comp | | |
| | | | |