WHEN IT COMES TO FINANCIAL LITERACY, IS GENDER REALLY AN ISSUE?

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ABSTRACT

In Australia the introduction of compulsory superannuation has resulted in the financial services industry flourishing and the introduction of numerous new products and services. As a result financial education is critically important to differentiate the extensive range of providers, products and services as means to achieve financial security.

Several research papers published since 2000 have attempted to measure the level of financial literacy in today’s society. Some of these studies have suggested that gender is a significant variable impacting on the level of financial literacy. However, to date no such evidence relating to gender difference and its impact on the level of financial literacy is available in Australia. The purpose of this pilot study was to explore the validity of the research outcomes of Chen and Volpe (2002) in an Australian context. To this end the study concentrates on determining the level of financial literacy among Australian undergraduate business students at the University of Western Sydney (UWS).

Keywords: financial planning; gender; financial literacy; Australia; students.

INTRODUCTION

In Australia, the introduction of compulsory superannuation has given individuals greater responsibilities for their own financial well-being and long term retirement planning, increasing the need for consumers to be financially literate.

In response, the financial services industry has flourished. It has introduced numerous new products and services to meet consumer needs. This has given individuals greater choice and flexibility in how they manage their finances, but has also created greater complexity.

Several research papers have raised the suggestion that gender is a significant variable impacting on the level of financial literacy (Goldsmith and Goldsmith, 1997; Goldsmith, Goldsmith and Heaney, 1997; Chen and Volpe, 2002). These findings suggest that women, in comparison to men, are more risk-averse and less confident when making financial decisions, and are consequently less financially literate.
Here we address the validity of the research outcomes of Chen and Volpe (2002) in an Australian context. To this end, our study concentrates on determining the level of financial literacy among Australian undergraduate business students at one Australian University - the University of Western Sydney (UWS) and on investigating whether any gender difference can be discerned.

LITERATURE REVIEW

Research interest in the topic of financial literacy developed little more than a decade ago. The research undertaken has mainly been conducted in the United States of America (USA) and the United Kingdom (UK). Although there appears consensus regarding the importance of financial literacy (Cutler, 1994; Hogarth, 2002; NIACE, 2003; The Jumpstart Coalition for Personal Financial Literacy, 2003) empirical research on financial literacy is limited (Greenspan, 2001).

The US Jumpstart Coalition for Personal Financial Literacy (a broad-based, non-profit group focused on developing financial literacy) conducts annual research amongst 12th graders across the USA. They report finding poor levels of financial behavior amongst youth across the United States of America (The Jumpstart Coalition for Personal Financial Literacy, 2002). Similarly, major studies undertaken in the USA by the US Employee Benefit Research Institute (EBRI) and the Congressional Budget Office (CBO) indicate poor financial behavior by both adults and youth. Similarly, Trend Profiles\(^1\) (2002) suggest that most individuals have few assets and high levels of debt and predications indicate a reliance on social welfare over the coming decades, as many individuals will retire without adequate means of retirement income (Administration on Aging, 2002; TIAA-CREF Institute in the USA, 2003).

Research undertaken in the UK, has indicated similar findings to that in the United States. Tomlinson, a former Chief Inspector of Schools, stated that far too many young people do not have the basic financial skills to function on a daily basis (Hoare, 2003). The Chief Executive of the UK Institute of Financial Services, Gavin Shreeve further suggests:

\[ I \text{ don't think there's any doubt that financial literacy is a real problem in this country. We would say that the way to protect the consumer is not to regulate, regulate, regulate but to educate them so they understand what they are told and what they are sold (Hoare, 2003, 32). } \]

The UK’s National Institute of Adult Continuing Education (NIACE) 2002 also concluded that adults had a poor grasp of basic financial knowledge. They further stated that many individuals aged 50 and over had difficulty with basic financial skills, while, at the same time confirmed that individuals are living longer and faced increasing pressure to take responsibility for their own retirement. Additionally, NIACE raised the issue that a large number of people in this age group,

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\(^1\) Trend profiles: The Administration on Aging (2002) part of the U.S. A. Department of Health and Human Services and one of the nation's largest providers of home and community-based care for older persons and the TIAA-CREF Institute in the USA (2003). The TIAA-CREF Institute serves as a bridge between the business of TIAA-CREF and the business of higher education.
(approaching retirement), had few assets, limited income, poor skills and the inability to improve this situation (NIACE, 2002).

In Australia, the ANZ Bank National Report on Adult Financial Literacy (2003, 2005) indicated some positive results, with most participants having an appreciation and understanding of basic financial services. However, the study also discovered a lack of skills in understanding superannuation and retirement planning (ANZ, 2003:58). Less positive findings from OECD International Adult Literacy Survey, stated that “around 45 per cent of Australian adults have inadequate literacy to cope in a sophisticated economy and one in five do not have the necessary literacy skills to effectively participate in daily life” (Adult Learners, 2003).

Specifically, gender has been claimed to be a significant variable affecting the level of individual financial literacy. Some research findings have suggested that women are more risk-averse than men; less confident when making financial decisions, and less knowledgeable in terms of financial literacy Goldsmith and Goldsmith (1997); Goldsmith, Goldsmith and Heaney (1997), and Chen and Volpe (2002). The authors of these studies have raised concerns that gender difference affects significantly women’s ability to achieve financial security and in particular, on women’s ability to adequately provide for their retirement.

Chen and Volpe (2002) analysed approximately 900 useable responses from students across 14 universities. These students were undertaking different degrees and attending different campuses. Their findings report poor financial literacy skills overall. However, students undertaking a business major were likely to know more about personal finance than students undertaking non-business majors. The suggestion from Chen and Volpe (2002) was that this group of students would have an interest in business and that there would be a strong likelihood that they were studying finance related subjects. Chen and Volpe’s results suggest that an investigation of business students exclusively would offer a unique opportunity investigate whether gender differences exist among a group of similar students.

Chen and Volpe (2002) and Goldsmith et al (1997) linked risk taking and confidence as contributors to gender differences in financial literacy. Similarly, Chen and Volpe (2002); Bajtesmit and Bernasek (1996); Powell and Ansic (1997) reported that women were more risk averse than men. Conversely, Schubert et al (1999) stated that under controlled economic conditions, female subjects do not generally make less risky financial choices than male subjects (Schubert et al, 1999:384). They suggest that risk attitudes about female investors and managers may be more prejudice than fact (Schubert et al. 1999:381). These findings were supported by Hamacher (2001) who stated that “the differences within gender are actually greater than the differences between genders” (Hamacher 2001,1).

Chen and Volpe (2002) suggest that women have less confidence than men and that this may explain why men are more financially knowledgeable than women. By deduction, a lack of financial knowledge, confidence and a reluctance to take risk are factors likely to impact on women’s financial ability. However, another possible reason for the lack of confidence and risk taking displayed by women in financial skills may be due to their traditional role. Women, as part of society, undertake homemaker and carer duties. This role may be more significant in affecting
their ability to participate in the paid workforce or in well-paid positions (Sharp, 1988) and, therefore, inhibit their ability to accumulate savings.

AIM AND METHOD

The aim of this pilot study is to investigate if any differences in financial literacy among Australian UWS business students can be explained by gender. Additionally the survey instrument has been broadened to examine not only student’s personal financial knowledge but their understanding of financial terms and decision making skills.

The impetus for this research was developed from the research studies undertaken by Chen and Volpe (2002), Goldsmith and Goldsmith (1997) and Goldsmith et al. (1997). In particular Chen and Volpe (2002) assessed financial knowledge as a barometer for financial literacy and observed that business students would have similar (homogenous) personal interest in finance, have similar background knowledge and would be studying similar university subjects.

This study will therefore will examine gender differences amongst “like” students (that is students studying business at the University of Western Sydney). Furthermore this study will investigate financial literacy in terms of three components: 1. Knowledge of personal finance: 2. Understanding of financial terms and concepts and 3. The skill to utilize both knowledge and understanding to make beneficial financial decisions. The broader definition of financial literacy for this study is defined as:

1. Knowledge of personal financial is a basic concept in understanding money and its use in daily living. Following the guidelines as set out in the ANZ Bank’ report. This includes the way income and expenditure are managed and the ability to use the common methods of exchanging and managing money such as ATMs, cheques, EFTPOS and credit cards. Further, personal financial knowledge incorporates an understanding of everyday situations that need to be understood such as insurance, credit and an appreciation of savings and borrowings.

2. The understanding of financial terms and concepts includes an understanding of key financial concepts central to investing and managing funds to increase wealth and security. Individuals require an awareness of features available for borrowing and investing. This awareness includes the understanding of prospectuses and annual statements, compound interest calculations and delaying the use of funds for consumption (known as opportunity cost. Individuals further need to be aware that high return investments are also likely to involve high risk, the realisation that market values fall as well as rise, and the principles of diversification. This need introduces a new complex set of skills in relation to products and how they work, the advantages and disadvantages.
3. The third component of the definition is the skill to utilize knowledge and understanding to make beneficial financial decisions. The ability to utilize knowledge and understanding is a specific skill required to make complex financial and investment decisions that will benefit the individual by increasing wealth and financial security. This key aspect of the definition is essential if individuals are to be truly financially literate.

The final survey instrument consisted of 49 questions and is divided into four sections. The four sections request information on the respondents: (1) general personal financial knowledge (2) understanding of financial concepts and terms (3) the skill needed to utilize knowledge and understanding and respondents experience (4) and the demographics of the respondents.

The population for this study was a sample of undergraduate students at the University of Western Sydney undertaking a Bachelor of Business Degree in 2004. The sample reflected the population of business students studying Construction and Property, Accounting, Economics and Finance and Management at UWS. This allowed the authors to investigate the question of gender and whether any gender differences were discernible. In the survey instrument, students were asked whether they worked in the finance area. It is plausible that students who did so would have a higher degree of knowledge and understanding of financial matters. Additionally, questions focused on the students’ academic status and achievement, the degree being undertaken, the number of years they have been at university, their grade point average and whether they are attending university on a full or part-time basis.

The group administration method was employed to distribute the survey, consistent with Goldsmith and Goldsmith (1997) and Goldsmith et al. (1997).

LIMITATIONS

The principal limitation of this study is the investigation of individual financial literacy drawn from one university.

RESULTS AND DISCUSSION

Table 1 presented below displays the distribution of data, the age and relevant characteristics regarding respondents.
Table 1. Characteristics of sample

<table>
<thead>
<tr>
<th></th>
<th>No</th>
<th>% Women</th>
<th>No</th>
<th>% Men</th>
<th>No</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Gender</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>83</td>
<td>50%</td>
<td>82</td>
<td>50%</td>
<td>165</td>
<td>100%</td>
</tr>
<tr>
<td>2 Age</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Under 20</td>
<td>33</td>
<td>40%</td>
<td>24</td>
<td>29%</td>
<td>57</td>
<td>35%</td>
</tr>
<tr>
<td>21-25</td>
<td>32</td>
<td>39%</td>
<td>43</td>
<td>52%</td>
<td>75</td>
<td>45%</td>
</tr>
<tr>
<td>26-30</td>
<td>8</td>
<td>10%</td>
<td>8</td>
<td>10%</td>
<td>16</td>
<td>10%</td>
</tr>
<tr>
<td>31-45</td>
<td>7</td>
<td>8%</td>
<td>5</td>
<td>6%</td>
<td>12</td>
<td>7%</td>
</tr>
<tr>
<td>46-65</td>
<td>2</td>
<td>2%</td>
<td>0</td>
<td>0%</td>
<td>2</td>
<td>1%</td>
</tr>
<tr>
<td>Other</td>
<td>1</td>
<td>1%</td>
<td>2</td>
<td>2%</td>
<td>3</td>
<td>2%</td>
</tr>
<tr>
<td>3 Working Experience</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Part Time</td>
<td>58</td>
<td>70%</td>
<td>60</td>
<td>73%</td>
<td>118</td>
<td>72%</td>
</tr>
<tr>
<td>Full Time</td>
<td>19</td>
<td>23%</td>
<td>14</td>
<td>17%</td>
<td>33</td>
<td>20%</td>
</tr>
<tr>
<td>Not Working</td>
<td>6</td>
<td>7%</td>
<td>8</td>
<td>9%</td>
<td>14</td>
<td>8%</td>
</tr>
<tr>
<td>4 Work Experience (Years Worked)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Year</td>
<td>4</td>
<td>5%</td>
<td>4</td>
<td>5%</td>
<td>8</td>
<td>5%</td>
</tr>
<tr>
<td>2 Years</td>
<td>28</td>
<td>34%</td>
<td>15</td>
<td>18%</td>
<td>43</td>
<td>26%</td>
</tr>
<tr>
<td>3 Years</td>
<td>20</td>
<td>24%</td>
<td>26</td>
<td>32%</td>
<td>46</td>
<td>28%</td>
</tr>
<tr>
<td>4 Years</td>
<td>31</td>
<td>37%</td>
<td>37</td>
<td>44%</td>
<td>67</td>
<td>41%</td>
</tr>
<tr>
<td>5 Work Experience (Finance Sector)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>10</td>
<td>12%</td>
<td>16</td>
<td>20%</td>
<td>26</td>
<td>16%</td>
</tr>
<tr>
<td>No</td>
<td>73</td>
<td>88%</td>
<td>64</td>
<td>78%</td>
<td>137</td>
<td>83%</td>
</tr>
<tr>
<td>other</td>
<td>2</td>
<td>2%</td>
<td>2</td>
<td>2%</td>
<td>2</td>
<td>1%</td>
</tr>
<tr>
<td>6 Academic Achievement Grade Average</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pass</td>
<td>28</td>
<td>34%</td>
<td>34</td>
<td>40%</td>
<td>62</td>
<td>37%</td>
</tr>
<tr>
<td>Credit</td>
<td>45</td>
<td>54%</td>
<td>42</td>
<td>51%</td>
<td>87</td>
<td>53%</td>
</tr>
<tr>
<td>Distinction</td>
<td>7</td>
<td>8%</td>
<td>5</td>
<td>6%</td>
<td>12</td>
<td>7%</td>
</tr>
<tr>
<td>High Distinction</td>
<td>3</td>
<td>4%</td>
<td>0</td>
<td>0%</td>
<td>3</td>
<td>2%</td>
</tr>
</tbody>
</table>
Table 1 indicates 77% of respondents were less than 25 years of age. 71.52% of students surveyed worked part-time at the time of the survey, while 20% of respondents worked full-time. Additionally, a high percentage of students (40%) have worked for at least four years. This indicates a large cohort of younger students and suggests most students balance work and study, with very few students able to cope with full-time work and full-time study.

Table 2 indicates the results of the first section of the questionnaire.

<table>
<thead>
<tr>
<th>Total Respondents 165</th>
<th>No. of Women</th>
<th>% of Women</th>
<th>No. of Men</th>
<th>% of Men</th>
<th>Total % of Correct Answers</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit Card Debt</td>
<td>68</td>
<td>82%</td>
<td>59</td>
<td>72%</td>
<td>77%</td>
<td>-10%</td>
</tr>
<tr>
<td>Financial goals</td>
<td>79</td>
<td>95%</td>
<td>79</td>
<td>96%</td>
<td>96%</td>
<td></td>
</tr>
<tr>
<td>Application for a loan</td>
<td>75</td>
<td>90%</td>
<td>72</td>
<td>88%</td>
<td>89%</td>
<td>1%</td>
</tr>
<tr>
<td>Fixed interest loan</td>
<td>72</td>
<td>87%</td>
<td>67</td>
<td>82%</td>
<td>84%</td>
<td>6%</td>
</tr>
<tr>
<td>Credit card</td>
<td>44</td>
<td>53%</td>
<td>30</td>
<td>37%</td>
<td>45%</td>
<td>17%</td>
</tr>
<tr>
<td>Estate Planning A</td>
<td>28</td>
<td>34%</td>
<td>37</td>
<td>45%</td>
<td>39%</td>
<td>-8%</td>
</tr>
<tr>
<td>Estate Planning B</td>
<td>64</td>
<td>77%</td>
<td>61</td>
<td>74%</td>
<td>76%</td>
<td>3%</td>
</tr>
<tr>
<td>Auto/Car Insurance</td>
<td>77</td>
<td>93%</td>
<td>76</td>
<td>93%</td>
<td>93%</td>
<td></td>
</tr>
<tr>
<td>Purchasing insurance</td>
<td>54</td>
<td>65%</td>
<td>52</td>
<td>63%</td>
<td>64%</td>
<td>2%</td>
</tr>
</tbody>
</table>
This section sought to obtain information about general personal financial knowledge. These questions assessed knowledge in the key areas of insurance, investment, savings and borrowings.

Table 2 represents the percentage of correct responses from both male and female participants. On average 82% of respondents choose the correct response in all questions in this section. Only two questions out of nine were answered correctly less than 50% of the time. The results suggest that most students have a good knowledge of personal finance. The results to these questions have been analysed by gender and it can be seen that females had a correct response more times than males, with the exception of the question on estate planning and financial goals. It is interesting to note that eighty-two percent of women correctly answered question three, which asked about credit card debt, compared with 71.95% of men. Further, 53.01% of women correctly answered question seven, which asked generally about credit cards, compared with 36.59% of men.

Table 3 reflects the second section of the questionnaire which investigated understanding of financial terms and concepts. All of these questions incorporate financial terms used in investment strategy including superannuation. The questions sought the respondents understanding of investment terms such as managed funds, risk, opportunity costs and gearing.

<table>
<thead>
<tr>
<th>Total Respondents 165</th>
<th>No.</th>
<th>%</th>
<th>No.</th>
<th>%</th>
<th>Total % of Correct Responses</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Females</td>
<td></td>
<td>Females</td>
<td></td>
<td>Males</td>
<td></td>
</tr>
<tr>
<td>Balanced investment</td>
<td>83</td>
<td>82</td>
<td>26</td>
<td>31%</td>
<td>18</td>
<td>22%</td>
</tr>
<tr>
<td>Conservative investment</td>
<td>42</td>
<td>51%</td>
<td>42</td>
<td>37%</td>
<td>30</td>
<td>37%</td>
</tr>
<tr>
<td>Growth investment</td>
<td>39</td>
<td>47%</td>
<td>37</td>
<td>45%</td>
<td>37</td>
<td>45%</td>
</tr>
<tr>
<td>Superannuation</td>
<td>75</td>
<td>90%</td>
<td>74</td>
<td>90%</td>
<td>74</td>
<td>90%</td>
</tr>
<tr>
<td>Investment strategy</td>
<td>61</td>
<td>73%</td>
<td>58</td>
<td>71%</td>
<td>58</td>
<td>71%</td>
</tr>
<tr>
<td>Advantages of home ownership</td>
<td>18</td>
<td>22%</td>
<td>23</td>
<td>28%</td>
<td>23</td>
<td>28%</td>
</tr>
<tr>
<td>Gearing</td>
<td>23</td>
<td>28%</td>
<td>29</td>
<td>35%</td>
<td>29</td>
<td>35%</td>
</tr>
<tr>
<td>Gearing Scheme</td>
<td>35</td>
<td>42%</td>
<td>30</td>
<td>37%</td>
<td>30</td>
<td>37%</td>
</tr>
<tr>
<td>Investment</td>
<td>70</td>
<td>84%</td>
<td>60</td>
<td>73%</td>
<td>60</td>
<td>73%</td>
</tr>
<tr>
<td>Taxation</td>
<td>27</td>
<td>33%</td>
<td>31</td>
<td>38%</td>
<td>31</td>
<td>38%</td>
</tr>
<tr>
<td>Shares</td>
<td>35</td>
<td>42%</td>
<td>27</td>
<td>33%</td>
<td>27</td>
<td>33%</td>
</tr>
<tr>
<td>Managed fund</td>
<td>70</td>
<td>84%</td>
<td>66</td>
<td>80%</td>
<td>66</td>
<td>80%</td>
</tr>
<tr>
<td>Opportunity cost</td>
<td>51</td>
<td>61%</td>
<td>41</td>
<td>50%</td>
<td>41</td>
<td>50%</td>
</tr>
<tr>
<td>Diversified share portfolio</td>
<td>70</td>
<td>84%</td>
<td>74</td>
<td>90%</td>
<td>74</td>
<td>90%</td>
</tr>
</tbody>
</table>
Table 3 indicates nine questions out of fourteen were answered correctly by less than 50% of participants. The results indicate most students have a poor understanding of financial terms and concepts. With respect to gender, the above table indicates the median percentage of females who answered questions correctly was 46%, slightly higher than that of males at 43%. The difference between males and females in this section of the results was not significant statistically.

This study explored the variables of age, experience, work and confidence level on financial literacy by using a linear regression. Linear regression fits data to models where the dependent variable is a continuous measured variable such as test scores or degrees of financial literacy. Therefore, since it is degrees of financial literacy, which is of interest in this study, a linear regression was conducted. Table 4 indicates that the variables of gender, age, work experience and the respondents reported level of confidence are not significant predictors of financial literacy.

Table 4 Linear Regression

<table>
<thead>
<tr>
<th>Model</th>
<th>Unstandardized Coefficients</th>
<th>Standardized Coefficients</th>
<th>t</th>
<th>Sig.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>B</td>
<td>Std. Error</td>
<td>Beta</td>
<td></td>
</tr>
<tr>
<td>1 (Constant)</td>
<td>14.425</td>
<td>1.212</td>
<td>11.903</td>
<td>.000</td>
</tr>
<tr>
<td>Gender</td>
<td>-.313</td>
<td>.460</td>
<td>-.054</td>
<td>-.681</td>
</tr>
<tr>
<td>Age</td>
<td>.173</td>
<td>.253</td>
<td>.056</td>
<td>.685</td>
</tr>
<tr>
<td>Experience</td>
<td>.318</td>
<td>.255</td>
<td>.102</td>
<td>1.247</td>
</tr>
<tr>
<td>Confidence1</td>
<td>-.455</td>
<td>.266</td>
<td>-.135</td>
<td>-1.709</td>
</tr>
</tbody>
</table>

a. Dependent Variable: FinancialLiteracy

The third section of the questionnaire assesses information about the respondent’s personal financial experience and skill in making financial decisions. This includes the use of payment and saving facilities and importantly, the respondent personally responsibility, for their own financial affairs. To further establish a respondent’s financial experience, questions sought the participant’s frequency in using ATM’s, EFTPOS and Internet banking. Additionally to establish the degree of hands on experience and financial ability, students were asked if they took responsibility for their debts.

Responses indicate that 89% of students have a mobile phone while approximately 40% of respondents have a credit card and savings account. Results are similar for both males and females. Respondents use ATM’s, EFTPOS and Internet banking for the transfer of money. The results indicate more than 50% of students use an ATM and EFTPOS on a weekly basis. Internet banking is used by 26% of all students. Although a number of students are familiar with the most common types of payment systems, there are some exceptions. Approximately 20% of students do not use EFTPOS and 45% do not use the Internet, while 8% of students do not use ATM’s at all.

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2 Chi-Square test
A number of students do not use Internet Banking. Although further research is needed, anecdotal explanations for students not using this form of banking, may include the fact that students are not comfortable with this method of exchanging money, do not need to use the internet or may not have the facilities such as a computer or Internet connection. Again the results indicate that overall responses from both genders are similar. In summary, the results indicate that both males and females are familiar with most forms of managing and exchanging money. The one exception is Internet banking.

A number of questions have been developed to assess a respondent’s degree of skill in making financial decisions. Results indicate 71 students (35 female and 36 male) have a credit card, and at least 57% of those with a credit card pay their account by the due date. This indicates that more than 57% of students are using their credit card effectively by paying their account at the due date and not accruing any penalties, such as interest. Additionally the results indicate with respect to students paying the closing balance on the due date and paying what is affordable that there is little difference between males and females.

This study examined the information relevant to respondent’s views, confidence, understanding and behavior in respect to financial literacy. The study sought to establish the respondent’s self-perception of confidence in relation to their ability on financial matters. The results indicate that although 40% of students are confident in their own ability, this is matched by an equal number of respondents (36%) who are neutral (neither confident nor not confident). The results suggest that the level of participants’ confidence or lack of confidence is spread evenly between both males and females. With 79% of students having a good understanding of the benefits attached to being financial literate and 70% of respondents having a clear impression what financial planning involves. When examining the results on the basis of gender males (41.82%) were more likely to have a higher understanding of the benefits and implications of being financial aware in comparison to females (37.58%).

CONCLUSION AND RECOMMENDATION

The ambiguity of the term financial literacy and a lack of measurement benchmarks make any form of measurement or assessment difficult. However, this study has attempted to investigate all three key components defined by this study as necessary to be considered financially literate.

Results indicated that 74% of respondents were able to correctly answer most questions displaying a reasonable level of general personal financial knowledge. However, only 53% of all students had an understanding of financial terms and concepts. The results also indicated that 60% of students were able to make appropriate financial decisions in their best interests. Whilst the findings of this study indicate there is a need to improve financial literacy skills amongst students, the findings indicated that gender was not a significant factor among Australian students. It is worth noting that the responses in table 2 and 3 indicated females to be slightly more financial literate than males.
The study does, however, suggest that the definition of the term “financial literacy” is of integral importance in determining an appropriate measurement of the level of financial literacy. Standards and benchmarks need to be established to enable the accurate assessment of financial literacy as opposed to personal financial knowledge.

The results of this pilot study suggest that further research is required, using a larger sample so as to further develop a more appropriate definition of financial literacy and additionally provide a possible measurement technique for determining an individual’s level of financial literacy. The researchers are of the view that with a greater understanding as to level of financial literacy presently demonstrated by Australians generally, that targeted educational programs could be designed to improve financial literacy generally for the broader Australian community resulting in widespread benefits.

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