

# Learner Satisfaction Community Learning Survey 2014 to 2015 Report

This report was undertaken by Ipsos MORI and RCU on behalf of the Skills Funding Agency



Of interest to colleges and training organisations

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## Section 1: Introduction and Methodology

This report provides a summary of the findings for the 2014 to 2015 Learner Satisfaction Survey for Community Learning. The survey ran at the same time as the main FE Choices Learner Satisfaction Survey (Version 7).

Learner Satisfaction pilots for Community Learning took place in 2011 to 2012 and 2012 to 2013. In 2013 to 2014 <u>an extended trial</u> for Community Learning took place, with all colleges and other training organisations delivering this type of provision encouraged to take part.

The Community Learning survey was open from 3 November 2014 to 29 March 2015, although the survey closed for paper responses on 9 March due to the extra processing required compared with the online survey. Learners from a total of 185 colleges and other training organisations took part in the survey, with most completing the questionnaire online. The questionnaire was unchanged from that used for the Community Learning survey in the academic year 2013 to 2014. A copy of the survey questionnaire is included in Appendix 2.

Quality tests to check the robustness of each provider's returned sample were used to establish if a valid score could be awarded, details of which are shown in Appendix 4. The tests included an assessment on sample skew and calculation confidence interval, similar to those used for the mainstream Learner Satisfaction Survey. The final score calculation included a weighting factor, to counter any imbalance in the sample based on the age and gender of learners when compared to each provider's Community Learning population as a whole.

All colleges and other training organisations that took part in the survey received a detailed report on the results (Appendix 3). This report analyses the results of the survey and, where applicable, includes comparisons with the mainstream survey results (2014 to 2015) and the results of last year's extended trial for Community Learning (2013 to 2014).

## Section 2: Analysis of Responses

#### Survey responses summary

Table 1 summarises the total number of participating colleges and other training organisations and responses by learners during the survey window (following the removal of invalid responses).

|   | All<br>Responses |
|---|------------------|
| Number of providers participating                             | 170              |
| Total number of survey responses                              | 32,315           |
| Total number of paper based questionnaire responses           | 12,372           |
| Percentage of responses which were paper based questionnaires | 38%              |
| Total number of learners who responded given help             | 3,593            |

 Table 1: Summary of Survey Respondents

The survey questionnaire asked respondents if they were completing the survey themselves or were receiving help from someone else. Of the 32,315 valid responses, 3,593 (11%) said they were receiving help. This percentage is slightly lower in comparison to the 2013 to 2014 Community Learning survey (13%) but still considerably higher than the equivalent figure for the 2014 to 2015 mainstream survey (6.9%).

#### Statistical significance

Each college or other training organisation's survey sample underwent two quality tests to check for statistical robustness. The first was a confidence interval test for minimum sample size. The latest available Individualised Learner Record (ILR) datasets were used to calculate the number of eligible learners attending each provider in the survey period (3 November 2014 to 29 March 2015). This figure was then used to calculate the minimum returned sample size that would generate 95% confidence that the measured results were within 5% of the estimated true value. Samples representing at least 70% of

all eligible learners were also deemed to be sufficiently robust. In addition to the confidence interval test, the skew test was used to ensure that the degree of bias within the sample submitted by individual providers was within acceptable parameters. Details of how we calculated both quality thresholds are available in Appendix 4.

All colleges and other training organisations taking part in the Community Learning survey were given detailed feedback on their results. The survey reports issued to individual providers showed the response by learners to each individual question. The results were broken down by a range of learner characteristics and also by subject area and delivery location.

For the mainstream Learner Satisfaction Survey, colleges and other training organisations meeting the required survey sample quality tests are awarded an overall score which is the mean of the scoring questions. Of the 170 colleges and other training organisations that returned valid responses to the survey, 72 (42%) achieved a sufficiently robust sample to pass the confidence interval and skew quality tests. Therefore, they were given an overall score in addition to the score for each question. This was an improvement from the 2013 to 2014 survey when 32% of colleges and other training organisations taking part in the survey received an overall score.

#### Profile of respondents

Figure 1 shows the gender profile of learners who responded to the survey and compares it with the national population of Community Learning learners. (The Community Learning population is defined as all learners taking courses and activities funded through the Community Learning budget within the survey window (3 November 2014 to 29 March 2015).



## Figure 1: Gender Profile of Survey Respondents compared to SFA-funded Community Learning Total Population

Survey Sample (Base = 32,315)



Community Learning Total Population (Base = 274,935) Source: ILR R06 2014 to 2015

The survey sample gender profile was very close to the Community Learning population as a whole which shows that almost three-quarters of learners on this type of provision are female.

Figure 2 shows the age profile of learners who responded to the survey and compares it with the national population of Community Learning learners.



Figure 2: Age Profile of Survey Respondents compared to SFA-funded Community Learning Total Population

Survey Sample (Base = 32,315)





The charts show that there was a relatively close match between the age profile of the sample and the overall Community Learning population. However, as was the case for last year's survey, learners aged 60 years and over tended to be over-represented in the sample and those aged 30 years and under were slightly under-represented. The overall age profile of this year's survey sample was very similar to the age profile of the 2013 to 2014 survey sample.

#### Survey responses

The survey questionnaire retained the same 15 questions that were used for the 2013 to 2014 survey (see Appendix 2 for a copy of the questionnaire). Firstly, learners were asked to give their reasons for taking the course and also identify the main reason. They were then asked to rate various aspects of their course or activity on a scale of 0 to 10, where 0 equals "very bad" and 10 equals "very good". Responses to these questions were used to calculate the overall satisfaction score for each college or other training organisation. Learners were then asked to say how likely it was that they would recommend their course or activity to friends or family on a five-point scale running from "extremely likely" to "extremely unlikely". The final two questions asked learners about the impact of their learning and the main outcome from taking the course.

Table 2 below shows the response to the 10 scoring questions (Q3 to Q12) and the average satisfaction scores given by learners to each question. Where possible, comparisons are made with overall scores and adult subgroup scores for equivalent questions from the mainstream FE Choices Learner Satisfaction Survey (Version 7).

| Community Learning Sur   | Mainstrea | Mainstream FE Choices Survey |                             |                            |  |
|--|-----------|------------------------------|-----------------------------|----------------------------|--|
| Question   | Responses | Overall<br>Average<br>Score  | Overall<br>Average<br>Score | Adults<br>Average<br>Score | Adults at<br>Local<br>Authorities<br>Average |
| Q3. How good or bad was the information you were given when you were choosing your course or activity?           | 30407     | 8.6                          | 8.2                         | 8.5                        | 8.7  |
| Q4. How good or bad was the help staff gave you in the first few weeks of your course or activity?               | 32069     | 9.1                          | 8.4                         | 8.8                        | 9.0  |
| Q5. How good or bad is the teaching on your course or activity?  | 32196     | 9.4                          | 8.5                         | 8.9                        | 9.3  |
| Q6. How good or bad is the respect staff show to you?  | 32117     | 9.6                          | 8.8                         | 9.3                        | 9.5  |
| Q7. How good or bad is the advice you have<br>been given about what you can do after this<br>course or activity? | 24017     | 8.8                          | 8.0                         | 8.5                        | 8.6  |
| Q8. How good or bad is the support you get on this course or activity?   | 30575     | 9.4                          | 8.5                         | 9.0                        | 9.2  |
| Q9. How good or bad are the staff at listening to views of learners?   | 30360     | 9.3                          | 8.2                         | 8.8                        | 9.0  |
| Q10. How good or bad are the staff at acting on the views of learners ?  | 29150     | 9.2                          | 8.0                         | 8.7                        | 8.9  |
| Q11. How good or bad has the course or activity been at meeting your expectations?                               | 32161     | 9.1                          | 8.2                         | 8.7                        | 9.0  |
| Q12. Overall, how good or bad do you think the organisation that provides your learning is?                      | 32111     | 9.1                          | 8.4                         | 8.9                        | 9.1  |
| Overall  |           | 9.2                          | 8.3                         | 8.8                        | 9.1  |

## Table 2: Responses to the 10 Satisfaction Scoring Questions(Including Comparison with FE Choices Learner Satisfaction Version 7)

The average satisfaction scores given by Community Learning learners were consistently higher than the scores given by learners who participated in the mainstream Learner Satisfaction Survey. This was true even when the results from the Community Learning learners were compared to the results from the cohort of learners studying at Local Authorities, which are the most comparable group of training providers to those which deliver Community Learning.

Community Learning learners gave their most positive responses to the questions on the quality of teaching (Q5), support they received on the course (Q8) and the respect shown to them by staff (Q6). The least positive responses were to the questions on the quality of information they were given when choosing their course (Q3) and the advice they were given on what to do after completing their (Q7).

The following charts show how satisfaction scores differed when broken down by gender and age. The overall final score calculation included a weighting factor to counter any age and/or gender imbalance within a college or other training organisation's survey sample. Figure 3 shows the average survey scores for each of the satisfaction rating questions broken down by gender.



Figure 3: Survey Responses by Gender (Average Score)

| Gender | Q3   | Q4   | Q5   | Q6   | Q7   | Q8   | Q9   | Q10  | Q11  | Q12  |
|--------|------|------|------|------|------|------|------|------|------|------|
| Female | 8.59 | 9.17 | 9.46 | 9.61 | 8.86 | 9.42 | 9.38 | 9.26 | 9.18 | 9.16 |
| Male   | 8.51 | 9.08 | 9.31 | 9.54 | 8.63 | 9.24 | 9.26 | 9.13 | 9.02 | 8.99 |

Historically, both the mainstream Learner Satisfaction survey and Community Learning survey have shown consistently higher levels of satisfaction scores among female learners and the same pattern is repeated again this year. The chart shows that, on average, females gave slightly higher satisfaction scores for all 10 questions, but the greatest difference was on the issue of advice given to learners on what to do after their course or activity (Q7).

The question with the smallest difference in scores between females and males was about the respect shown to learners (Q6) which received the highest rating overall from both genders. Figure 4 shows the average survey scores for each of the satisfaction rating questions broken down by age group. Within each column, the colour scale runs from red for the highest scores through to orange, yellow and then to green for the lowest scores.

| Age         | Q3   | Q4   | Q5   | Q6   | Q7   | Q8   | Q9   | Q10  | Q11  | Q12  |
|-------------|------|------|------|------|------|------|------|------|------|------|
| Under 20    | 8.21 | 8.73 | 8.91 | 9.11 | 8.38 | 8.97 | 8.91 | 8.79 | 8.75 | 8.57 |
| 20-29       | 8.56 | 9.15 | 9.37 | 9.57 | 8.79 | 9.33 | 9.35 | 9.26 | 9.16 | 9.16 |
| 30-39       | 8.59 | 9.15 | 9.39 | 9.57 | 8.84 | 9.34 | 9.36 | 9.30 | 9.18 | 9.16 |
| 40-49       | 8.53 | 9.12 | 9.40 | 9.56 | 8.78 | 9.33 | 9.34 | 9.24 | 9.16 | 9.12 |
| 50-59       | 8.43 | 9.07 | 9.40 | 9.58 | 8.71 | 9.33 | 9.29 | 9.18 | 9.11 | 9.07 |
| 60 and over | 8.65 | 9.20 | 9.49 | 9.65 | 8.86 | 9.46 | 9.37 | 9.22 | 9.12 | 9.12 |

Figure 4: Survey Responses by Age (Average Score)

Q3. How good or bad was the information you were given when you were choosing your course or activity?

Q4. How good or bad was the help staff gave you in the first few weeks of your course or activity?

Q5. How good or bad is the teaching on your course or activity?

Q6. How good or bad is the respect staff show to you?

Q7. How good or bad is the advice you have been given about what you can do after this course or activity?

Q8. How good or bad is the support you get on this course or activity?

Q9. How good or bad are the staff at listening to views of learners?

Q10. How good or bad are the staff at acting on the views of learners?

Q11. How good or bad has the course or activity been at meeting your expectations?

Q12. Overall, how good or bad do you think the organisation that provides your learning is?

Learners aged 60 and over were generally the most positive group giving the highest score for seven of the 10 questions. They were particularly positive about the teaching and support they had received on their course. Learners aged under 20 tended to give lower satisfaction ratings compared with other groups, although the number of respondents was comparatively low because this cohort of learners covered only 19 year olds. (Community Learning is for adults aged 19 years and older.) This mirrored the findings from the mainstream FE Choices Learner Satisfaction Survey which have shown that young people tend to be less positive than older age groups when responding to learner satisfaction surveys.

Figure 5 shows the percentage ratings given by learners to each of the 10 scoring questions, where 0 = very bad and 10 = very good.



Figure 5: Spread of Responses

| Response | Q3  | Q4  | Q5  | Q6  | Q7  | Q8  | Q9  | Q10 | Q11 | Q12 | Overall |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|
| 0-1      | 1%  | 0%  | 0%  | 0%  | 1%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%      |
| 2-3      | 1%  | 0%  | 0%  | 0%  | 1%  | 0%  | 0%  | 1%  | 1%  | 1%  | 1%      |
| 4-6      | 11% | 5%  | 2%  | 2%  | 8%  | 3%  | 3%  | 4%  | 4%  | 4%  | 5%      |
| 7-8      | 27% | 17% | 12% | 8%  | 21% | 13% | 13% | 15% | 18% | 18% | 16%     |
| 9-10     | 61% | 77% | 85% | 90% | 69% | 84% | 83% | 80% | 77% | 77% | 79%     |

For most questions, well over three quarters of respondents gave scores of 9 or 10. The vast majority of learners (90%) gave a score of 9 or 10 for respect shown by staff (Q6) and 85% rated the quality of teaching on their course (Q5) as 9 or 10. Only 2% of learners gave scores of 6 or less for both these questions. In total, five of the ten scoring questions were given average ratings of 9 or higher by at least four-fifths of learners. The questions least likely to receive satisfaction ratings of 9 or 10 were Q3 (How good or bad was the information you were given when you were choosing your course or activity?) and Q7 (How good or bad is the advice you have been given about what you can do after this course or activity?).

Table 3 shows the response to the 10 scoring questions from this year's survey compared to the results obtained from the 2013 to 2014 Community Learning survey.

|  | 2014 to<br>Sur | o 2015<br>vey               | 2013 to<br>Sur | o 2014<br>vey               |
|--|----------------|-----------------------------|----------------|-----------------------------|
| Question   | Responses      | Overall<br>Average<br>Score | Responses      | Overall<br>Average<br>Score |
| Q3. How good or bad was the information you were given when you were choosing your course or activity?           | 30407          | 8.6                         | 24458          | 8.5                         |
| Q4. How good or bad was the help staff gave you in the first few weeks of your course or activity?               | 32069          | 9.1                         | 25911          | 9.1                         |
| Q5. How good or bad is the teaching on your course or activity?  | 32196          | 9.4                         | 25993          | 9.4                         |
| Q6. How good or bad is the respect staff show to you?  | 32117          | 9.6                         | 25965          | 9.6                         |
| Q7. How good or bad is the advice you have<br>been given about what you can do after this<br>course or activity? | 24017          | 8.8                         | 19448          | 8.7                         |
| Q8. How good or bad is the support you get on this course or activity?   | 30575          | 9.4                         | 24656          | 9.4                         |
| Q9. How good or bad are the staff at listening to views of learners?   | 30360          | 9.3                         | 24158          | 9.3                         |
| Q10. How good or bad are the staff at acting on the views of learners ?  | 29150          | 9.2                         | 23256          | 9.2                         |
| Q11. How good or bad has the course or activity been at meeting your expectations?                               | 32161          | 9.1                         | 21239          | 9.1                         |
| Q12. Overall, how good or bad do you think the organisation that provides your learning is?                      | 32111          | 9.1                         | 25903          | 9.1                         |
| Overall  |                | 9.2                         |                | 9.1                         |

## Table 3: Responses to the 10 Scoring Questions(2014 to 2015 Survey Results Compared to 2013 to 2014 Survey Results)

The results from this year's survey were very similar to <u>last year</u>, most scores were maintained and there was a small 0.1, but statistically significant, increase in the score

for the quality of pre-course information (Q3) and the advice on what to do after completing the course (Q7). This shows very encouraging progress in two areas that have tended to attract the least positive responses from learners in previous surveys.

The overall average score for all ten questions was also slightly higher this year compared to last year and again the difference was statistically significant.

The chart below shows how likely Community Learning survey respondents were to recommend their course or actively to friends or family.



Figure 6: Likelihood of recommending the course or activity

| How likely is it that you would recommend the<br>organisation that provides your learning to<br>friends or family? | Community<br>Learning<br>Survey |
|--|---------------------------------|
| Extremely likely   | 63%                             |
| Likely   | 31%                             |
| Neither likely nor unlikely  | 4%                              |
| Unlikely   | 1%                              |
| Extremely unlikely   | 1%                              |
| Does not apply / No response   | 1%                              |

Base = 32,315

The likelihood of recommendation by learners was extremely high with 94% saying it was likely or extremely likely that they would recommend their course or activity to friends or family. This figure was slightly higher than the results from the previous Community Learning survey (2013 to 2014) when the likelihood of recommendation was 93%. The recommendation rate was also considerably higher than the equivalent figure for the 2014 to 2015 mainstream Learner Satisfaction survey which was 83% (with 37% of learners extremely likely to recommend their course).

The following set of charts show the survey responses to the questions on the main reasons for taking the course or activity and the self-reported impacts of their learning. Figure 7 shows all the reasons identified by learners.





| All Reasons                                  | Count | Percent | Female | Male  | Under 40 | 40 and over |
|--|-------|---------|--------|-------|----------|-------------|
| To gain skills and knowledge                 | 23121 | 71.5%   | 71.5%  | 71.8% | 74.1%    | 70.6%       |
| To meet people and make new friends          | 11903 | 36.8%   | 39.3%  | 30.0% | 36.2%    | 37.1%       |
| For personal interest or pleasure            | 17543 | 54.3%   | 55.2%  | 51.9% | 42.8%    | 58.6%       |
| To help you participate in social activities | 6173  | 19.1%   | 18.9%  | 19.4% | 21.5%    | 18.2%       |
| To help you get a job or with your work      | 5677  | 17.6%   | 17.0%  | 18.8% | 33.1%    | 11.7%       |
| To benefit your health or wellbeing          | 8589  | 26.6%   | 28.2%  | 22.0% | 19.7%    | 29.2%       |
| To progress on to another course             | 5756  | 17.8%   | 17.6%  | 18.4% | 24.1%    | 15.5%       |
| To help other members of your family         | 4182  | 12.9%   | 14.4%  | 8.8%  | 23.0%    | 9.2%        |
| Other reason                                 | 1488  | 4.6%    | 4.4%   | 5.1%  | 5.3%     | 4.3%        |

Base = 32,315

Almost three-quarters of respondents said that they had taken their course to gain new skills or knowledge and those aged under 40 years old were more likely than older respondents to give this reason. However, personal interest or pleasure were much

more likely to feature in the list of reasons why respondents aged 40 years and over had chosen their course or actively, compared to those younger than this.

The chance to meet people and make new friends through their learning had motivated well over a third of respondents to take their course although females (39%) were more likely than males (30%) to cite this reason.

A quarter of Community Learning learners had taken the course to improve their health or wellbeing, with females and those aged 40 years and over more likely to give this reason.

Respondents aged under 40 years old were almost three times as likely as older learners to be taking the course or actively to improve their employment prospects, with a third of younger learners giving this reason. These learners were also much more likely than people over 40 years old to be taking the course in order to progress into further learning. The respondents were asked to identify the main reason for taking their course or activity. The chart and table below show the results.





| Main Reason                                  | Count | Percent | Female | Male  | Under 40 | 40 and over |
|--|-------|---------|--------|-------|----------|-------------|
| To gain skills and knowledge                 | 14198 | 51.3%   | 50.1%  | 54.4% | 50.5%    | 51.6%       |
| To meet people and make new friends          | 846   | 3.1%    | 2.9%   | 3.3%  | 3.7%     | 2.8%        |
| For personal interest or pleasure            | 5447  | 19.7%   | 19.9%  | 19.1% | 11.5%    | 22.8%       |
| To help you participate in social activities | 564   | 2.0%    | 1.9%   | 2.4%  | 2.3%     | 1.9%        |
| To help you get a job or with your work      | 2180  | 7.9%    | 7.1%   | 10.0% | 14.6%    | 5.3%        |
| To benefit your health or wellbeing          | 2502  | 9.0%    | 10.2%  | 5.8%  | 4.4%     | 10.8%       |
| To progress on to another course             | 664   | 2.4%    | 2.6%   | 1.9%  | 4.5%     | 1.6%        |
| To help other members of your family         | 851   | 3.1%    | 3.7%   | 1.4%  | 6.8%     | 1.7%        |
| Other reason                                 | 436   | 1.6%    | 1.5%   | 1.8%  | 1.8%     | 1.5%        |

Base = 32,315

Over half of the respondents said the main reason for taking their course or activity was to gain skills and knowledge with males (54%) slightly more likely than females (50%) to state this reason. The second most frequently cited reason was personal interest or pleasure, identified by a fifth of respondents.

Almost one in ten learners said their most important reason for taking their course was to benefit their health and well-being although respondents aged 40 years old and over were more than twice as likely as younger learners to have done so.

Figure 9 shows respondents' perceived outcomes from their learning.



#### Figure 9: Outcomes of taking the course or activity

| All Outcomes  | Count | Percent | Female | Male  | Under 40 | 40 and over |
|---|-------|---------|--------|-------|----------|-------------|
| You have more skills or knowledge                       | 24228 | 75.0%   | 75.0%  | 75.0% | 73.8%    | 75.5%       |
| You have made new friends                               | 15814 | 48.9%   | 51.0%  | 43.4% | 44.9%    | 50.5%       |
| You are more confident as a person                      | 10872 | 33.6%   | 34.7%  | 30.8% | 40.9%    | 30.9%       |
| You are more likely to participate in social activities | 6707  | 20.8%   | 20.9%  | 20.4% | 26.2%    | 18.7%       |
| You are more likely to get a job or progress at work    | 4717  | 14.6%   | 14.0%  | 16.1% | 27.7%    | 9.6%        |
| Your health or wellbeing has benefitted                 | 9911  | 30.7%   | 32.4%  | 26.0% | 22.9%    | 33.6%       |
| You are more likely to progress on to another course    | 12251 | 37.9%   | 37.9%  | 38.0% | 40.2%    | 37.1%       |
| You are more able to help other family members          | 6195  | 19.2%   | 20.6%  | 15.2% | 29.0%    | 15.5%       |
| None of the above                                       | 479   | 1.5%    | 1.4%   | 1.6%  | 1.6%     | 1.4%        |

Base = 32,315

As a result of taking a Community Learning course, three-quarters of learners said that they had acquired new knowledge and skills and almost half felt that they had made new friends. Approaching 40% of learners said that they were more likely to progress to another course. A third of respondents said they had gained more confidence, this figure rose to over 40% among those aged 40 and under. Well over a quarter of the respondents aged under 40 years said they were more likely to get a job or progress at work as a result of taking their course.

Taking a Community Learning course had also benefitted the health and wellbeing of a third of female respondents and a third of those aged over 40 years old.

The chart and table below show respondents' views on the single main outcome of their learning.



#### Figure 10: Main outcome of taking the course or activity

| Main Outcome  | Count | Percent | Female | Male  | Under 40 | 40 and over |
|---|-------|---------|--------|-------|----------|-------------|
| You have more skills or knowledge                       | 12982 | 64.1%   | 62.6%  | 68.6% | 58.6%    | 66.3%       |
| You have made new friends                               | 713   | 3.5%    | 3.4%   | 3.8%  | 3.9%     | 3.4%        |
| You are more confident as a person                      | 767   | 3.8%    | 3.7%   | 3.9%  | 5.7%     | 3.0%        |
| You are more likely to participate in social activities | 385   | 1.9%    | 1.7%   | 2.4%  | 2.4%     | 1.6%        |
| You are more likely to get a job or progress at work    | 1004  | 5.0%    | 4.6%   | 6.0%  | 9.0%     | 3.4%        |
| Your health or wellbeing has benefitted                 | 2350  | 11.6%   | 13.3%  | 6.8%  | 5.2%     | 14.1%       |
| You are more likely to progress on to another course    | 1042  | 5.1%    | 5.1%   | 5.2%  | 6.5%     | 4.6%        |
| You are more able to help other family members          | 723   | 3.6%    | 4.1%   | 2.0%  | 7.2%     | 2.1%        |
| None of the above                                       | 290   | 1.4%    | 1.5%   | 1.4%  | 1.4%     | 1.4%        |

Base = 32,315

The main outcome of taking the course or activity for most learners was that they had gained more skills or knowledge (64%). Learners aged over 40 (66%) were more likely than younger learners (59%) to state this as the single main outcome. For those aged over 40 the second most frequently cited outcome was an improvement in health and wellbeing whereas those under 40 years old were more likely to identify progression on to another course.

The chart below shows the respondents answers to two questions: their reasons for taking the course or activity and the outcomes they reported after completing the course or activity.



#### Figure 10: Reasons for taking the course or activity and outcomes

The percentage of respondents identifying a particular outcome from their learning tended to far exceed the percentage giving the matching reason for taking the course.

Base = 32,315

This suggests learners had experienced a greater number of beneficial outcomes from their learning than they had anticipated.

As was the case last year, fewer learners identified finding a job or helping with work as a main outcome of their learning.

Almost 40% of respondents said the learning had encouraged them to progress on to a further course, although for half these, further learning had not been among their initial reasons for taking the course.

Figure 11 below shows the main reason for taking the course against the main outcome.



#### Figure 11: Main reason for taking the course or activity and main outcome

Base = 32,315

Almost two-thirds of learners identified gaining skills and knowledge as the main outcome of taking their course although only just over half said this had been their main reason for starting.

## Section 3: Summary of findings

The Community Learning Learner Satisfaction Survey 2014 to 2015 received a good response with over 32,300 learners taking part from 170 colleges and other training organisations. This was an increase of 24% in learner numbers compared to the 2013 to 2014 survey.

The overall sample appeared to be a good representation of the Community Learning population as a whole during the survey period and closely matched the learner profile in terms of age and gender.

This year's survey continued the pattern of extremely positive results from the Community Learning Learner Satisfaction survey, with the average scores for all responses higher than equivalent scores for the 2014 to 2015 Version 6 mainstream survey.

The average scores given by respondents to all questions equalled or exceeded the very high scores resulting from the 2013 to 2014 Community Learning survey. Satisfaction ratings were particularly high for the quality of teaching and the respect shown to learners by provider staff.

There appears to have been encouraging progress over the last year in two areas that attracted the least positive responses from learners last year. These are the quality of pre-course information and the advice given to learners on what to do after completing the course.

Almost all learners (94%) thought it likely that they would recommend their course or activity to a friend or relative, with almost two-thirds saying it was extremely likely that they would do so.

The most likely reasons for taking Community Learning courses were to "gain new skills and knowledge" and for "personal interest or pleasure" but many had discovered additional benefits from their learning such as improved health and wellbeing and the ability to help other family members.

As a result of taking a Community Learning course, three-quarters of learners said that they had acquired new knowledge and skills and almost half felt that they had made new friends. For many learners, the course or activity had encouraged them to participate in further learning, which they had not anticipated before taking the course.

#### Appendix 1: Technical Summary of Research Methodology

#### **Governing Research Principles**

All RCU's research and consultancy work is governed by a rigorous quality assurance system that is accredited under the market research industry kitemark ISO 20252, the policies and guidelines of the Market Research Society and relevant Data Protection Legislation. For more details of ISO 20252 and the Market Research Society codes of conduct see <u>www.mrs.org.uk</u>.

#### Overview of Methodology

The Skills Funding Agency commissioned Ipsos MORI and RCU to undertake the Learner Satisfaction Survey for learners taking Community Learning courses. The survey took place between 3 November 2014 and 29 March 2015. 62% of survey responses were online and 38% were paper questionnaire submissions.

#### Key Quantitative Research Elements

- Description: Testing of the Community Learning Learner Satisfaction Survey with a sample of learners undertaking Community Learning.
- Target Population: Community Learning learners.
- Sampling: Community Learning providers selected learners to take part in the survey.
- Data quality checks: Overall, learners from 170 providers had valid learner responses to the survey. In the process of matching responses to the ILR, 31 providers were identified as having learners who responded to the survey using mainstream survey questionnaires only. A small number of Community Learning learners responded on the mainstream questionnaire. To ensure their responses were counted they were transferred to be included in the analysis of the Community Learning Survey.

- Broad Topic Areas: The survey comprised an introductory page, questions mirroring the mainstream national Learner Satisfaction Survey and specific questions on the social impact of Community Learning. The online and paper-based questionnaires contained identical questions and both were made available to providers. A copy of the questionnaire is available in Appendix 2.
- Storage of Raw Data: As part of our quality assurance arrangements we will keep evidence of individual survey responses for 18 months after the closure of the project and we will then securely destroy it.

| Skills Funding<br>Agency  | Community Learner<br>Satisfaction Survey<br>2014 to 2015   | Welcome to this short Learner Satisfaction Survey. Learners<br>all over England are answering these questions. Your answers<br>are very important. The Skills Funding Agency will use your<br>answers to tell future learners what different organisations that<br>provide learning are like. | Your completed survey will go to two survey companies - Ipsos<br>MORI and RCU. Ipsos MORI and RCU will add your answers<br>to the answers from other learners. They will send us, the<br>Skills Funding Agency, the results. None of your lecturers,<br>trainers or supervisors will see your answers. | The survey follows the rules of the Market Research Society. If you have any questions about the survey, you can contact the research company, Ipsos MORI at http://fechoices.ipsos-mori.com/contactus. | Ipsos MORI and RCU will keep your survey for no more than<br>18 months. If you want us to destroy your answers before<br>then, please email us at servicedesk@sfa.bis.gov.uk. | If you are happy to take part in the survey, please carry on.  |                                    |
|---|--|---|--|---|---|--|------------------------------------|
| 013. How likely is it that you would recommend the organisation that<br>provides your learning to friends or family?<br>Extremely likely<br>Ulkely<br>Neither likely nor unlikely | <ul> <li>Drinkely</li> <li>Extremely unlikely</li> <li>Does not apply</li> <li>An esult of taking the course or activity would you say that:</li> <li>(Tick ALL that apply)</li> </ul> | <ul> <li>You have more skills or knowledge</li> <li>You have made new friends</li> <li>You are more confident as a person</li> <li>You are more likely to participate in social activities</li> <li>You are more likely to get a job or progress at work</li> </ul>                           | <ul> <li>Your health or wellbeing has benefitted</li> <li>You are more likely to progress on to another course</li> <li>You are more able to help other family members</li> <li>None of the above</li> </ul>   | 015. The <u>main</u> outcome of taking the course or activity was:<br>(Tick ONE only)   | <ul> <li>You have made new friends</li> <li>You are more confident as a person</li> <li>You are more likely to participate in social activities</li> </ul>                    | <ul> <li>You are more likely to get a Job or progress at work</li> <li>Your health or wellbeing has benefitted</li> <li>You are more likely to progress on to another course</li> <li>You are more able to help other family members</li> <li>None of the above</li> </ul> | Thank you very much for your time. |

## Appendix 2: Learner Satisfaction Survey Instrument for Community Learning

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| 10.         |             |
|-------------|-------------|
| of          |             |
| out         |             |
| score       |             |
| a           | =           |
| each        | pool        |
| give        | very        |
| please      | nean "      |
| uestions    | "10" will 1 |
| following c | very bad".  |
| ver the     | mean "      |
| ansv        | will        |
| Lo<br>Lo    | 0           |

| b) First name   | Try to answer every question, but if  | a question does not apply to you at all,                 |
|---|---|--|
|   | please choose "Does not apply".   | Does   |
| c) Surname or family name   |   | Very Very Very Detailed                                  |
|   | O3 How good or bad was the information                                      | apply<br>0 1 2 3 4 5 6 7 8 9 10                          |
| d) Date of birth (dd/mm/yy for example, 15/02/82)                                   | you were given when you were  |  |
| d d m m I y y   | choosing your course or activity?   | )<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>)<br>) |
| <ul> <li>Are you writing in the answers yourself?</li> </ul>                        |   |  |
| □ Yes   | ut how good or bad was the help<br>staff dave volt in the first few weeks   |  |
| Yes, with someone helping me  | of your course or activity?   |  |
| No, someone is writing in my answers for me   |   |  |
| ) How old are you?  | Q5 How good or bad is the teaching on                                       | 0 1 2 3 4 5 6 7 8 9 10                                   |
| Under 20 20-29 30-39 40-49  | your course or activity?  |  |
| 20-59 0 60-69 70 or over  |   |  |
| g) Are you:   | Q6 How good or bad is the respect<br>staff show to you?                     |  |
|   |   | ]<br>]<br>]<br>]<br>]<br>]<br>]<br>]                     |
| 11 What were your reasons for taking the course or activity?                        | O7 How wood or had is the advice you  | ې<br>د<br>د<br>د<br>د<br>د<br>د                          |
|   | have been given about what you  |  |
|   | can do after this course or activity?                                       |  |
| To meet people and make new friends   |   |  |
| For personal interest or pleasure   | Q8 How good or bad is the support   | 0 1 2 3 4 5 6 7 8 9 10                                   |
| To help you participate in social activities  | you get on this course or activity?   |  |
| To help you get a job or with your work   |   |  |
| To benefit your health or wellbeing   | Q9 How good or bad are the staff  | 0 1 2 3 4 5 6 7 8 9 10                                   |
| To progress on to another course  | at listening to views of learners?  |  |
| To help other members of your family  |   |  |
| □ Other reason  | Q10 How good or bad are the staff at  | 0 1 2 3 4 5 6 7 8 9 10                                   |
| 12 The <u>main</u> reason for taking the course or activity was:<br>(Tick ONE only) | acting on the views of learners ?   |  |
| To gain skills and knowledge  | Q11 How good or bad has the course  | 0 1 2 3 4 5 6 7 8 9 10                                   |
| To meet people and make new friends   | or activity been at meeting your  |  |
| For personal interest or pleasure   | expectations?   |  |
| To help you participate in social activities  |   |  |
| To help you get a job or with your work   | Q12 Overall, now good of bad do you<br>think the organisation that provides | 0 1 2 3 4 5 6 7 8 9 10                                   |
| To benefit your health or wellbeing   | your learning is?   |  |
| To progress on to another course  |   |  |
| To help other members of your family  |   |  |
| □ Other reason  |   |  |

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| (a) What is your personal learner number?<br>[Flease ask your learning provider if you do not know it]. |
|---|
|   |
| (b) First name  |
|   |
| (c) Surname or family name  |
|   |
| (d) Date of birth (dd/mm/yy for example, 15/02/82)  |
| d d I m m I y y   |
| (e) Are you writing in the answers yourself?  |
| □ Yes   |
| Yes, with someone neiping me<br>No someone is writing in my answers for me                              |
| (f) How old are you?  |
| Under 20 20-29 30-39 40-49  |
| (g) Are you:  |
| Q1 What were your reasons for taking the course or activ<br>(Tick ALL that apply)                       |
| □ To gain skills and knowledge  |
| To meet people and make new friends   |
| For personal interest or pleasure   |
| To help you participate in social activities  |
| To help you get a job or with your work   |
| To proceed on the another country   |
| To help other members of vour family  |
| Other reason  |
| Q2 The <u>main</u> reason for taking the course or activity was:<br>(Tick ONE only)                     |
| To gain skills and knowledge  |
| To meet people and make new friends   |
| For personal interest or pleasure   |
| To help you participate in social activities  |
| To help you get a job or with your work   |

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#### Appendix 3: Survey report example

#### Screenshots

FE Choices Learner Satisfaction Survey 2014 to 15 Community Learning
 Skills Funding
 Agency
 Example Provider (UKPRN: 99999999)



This is the end of survey report from the FE Choices Learner Satisfaction Community Learning Trial.

Guidance to take you through your report can be accessed from the same section on the Provider Extranet where you opened this report.

We recommend that the Guidance is read alongside this report.

Your organisation's data presented in the report is weighted for age and sex. The learner breakdown has been established from your learner's responses. Return 6 (R06) for the Individualised Learner Record (ILR) has been used to check your learner's selections of their age and sex.

If you have further questions about your report please contact us by emailing servicedesk@sfa.bis.gov.uk.

| Profile of | Respondents | Estimated<br>number of<br>eligible<br>learners | Number of<br>Responses | Estimated<br>% of eligible<br>learners<br>responding | % share of<br>all your valid<br>responses |
|------------|-------------|--|------------------------|--|---|
| Under 40   | Female      | 715  | 60                     | 8%   | 7%  |
| Onder 40   | Male        | 211  | 23                     | 11%  | 3%  |
| 40.        | Female      | 2,983  | 586                    | 20%  | 69%                                       |
| 40+        | Male        | 835  | 182                    | 22%  | 21%                                       |
| Un         | known       |  | 0                      |  | 0%  |
| 1          | Fotal       | 4,744  | 851                    | 18%  | 100%                                      |

| Scores by Learner<br>Characteristics Scores by Subject Cores by<br>Loca   | Delivery Course/Activity<br>tion Reasons  | y Course/Activity<br>Outcomes   | Reasons Vs<br>Outcomes   |              | Information &<br>Overall Score |
|---|---|---|--|--------------|--------------------------------|
| Age Band  |   |   |  | uarana Baara |                                |
| All Ages  |   |   | 0 1 2 3  | 4 5 6 7      | 8 9 10                         |
| O Under 20  | How good or bad was t   | he information you were give  | en terreter |              |                                |
| O 20-29   | when you were choose  | sing your course or activity?<br>(760.6)  |  | 8.9          |                                |
| O 30-39   | How good or bad was   | the help staff gave you in the  | ne   | 94           |                                |
| 0 40-49   | first few weeks of yo   | ur course or activity? (843.4   | ) -  |              |                                |
| O 50-59   | How good or bad is t  | he teaching on your course<br>vity? (846.0)   | or   | 9.6          |                                |
| O 60+   | University of the dist  | ·····   |  |              |                                |
| O Unknown   | How good or bad is  | (845.1)   | 1°   | 9.8          |                                |
| Sex   | How good or bad is th   | e advice you have been giv  | en -   |              |                                |
| O Female  | about what you can d  | o after this course or activity<br>(502.6)  | r?   | 8.9          |                                |
| O Male  | How good or bad is the  | support you get on this cours   | se   | 9.6          |                                |
| Prefer Not to Say/Unknown   | or actr   | vity? (796.1)   | -  |              |                                |
|   | How good or bad are the   | e staff at listening to the view<br>pers? (778.9)   | vs   | 9.4          |                                |
| These are final figures based on survey responses.  | lieu and as had as the  |   | -  |              |                                |
| Figures are weighted. Figures in brackets are the<br>number of respondents answering 0-10 for each                | learne  | rs? (737.9)   |  | 9.2          |                                |
| question. A star in the brackets indicates suppression<br>has been applied to the results to protect respondents' | How good or bad has the expectat  | e course been at meeting yo<br>tions? (594.7)   | ur   | 9.3          |                                |
| confidentiality.  | Querell how and   | d or had do you think the   | -  |              |                                |
|   | organisation that prov  | vides your learning is? (839.   | 7)   | 9.4          |                                |
|   | How likely is it that you w<br>organisation that provid<br>friends or famil<br>Extremely likely<br>Percentage of respondent | 0%<br>ould recommend the<br>es your learning to<br>y? (832.1)<br>Likely Neither likely r<br>s which are likely to recom | 20% 40%  | 60% 8        | 10% 100%                       |

| Scores by Learner<br>Characteristics Scores by Subject Locat   | Delivery Course/Activity<br>tion Reasons   | Course/Activity<br>Outcomes                            | Rea<br>Out  | sons Vs<br>tcomes |                      |        | Infor<br>Over | mation &<br>all Score |
|--|--|--|-------------|-------------------|----------------------|--------|---------------|-----------------------|
| Subject (All Learners)   |  |  |             |                   | Avera                | ge Sco | re            |                       |
| Health, Public Services and Care   |  |  | 0           | 1 2               | 3 4                  | 5 6    | 78            | 9 10                  |
| O Science and Mathematics  | How good or bad was the  | information you were gi                                | ven         |                   |                      |        |               |                       |
| <ul> <li>Agriculture, Horticulture and Animal Care</li> </ul>  | when you were choosing   | your course or activity?                               | (0)         |                   |                      |        |               |                       |
| Engineering & Manufacturing Tech   | How good or bad was th<br>first few weeks of you                                   | e help staff gave you in<br>ur course or activity? (0) | the )       |                   |                      |        |               |                       |
| Construction, Planning & the Built Environ.  | How good or bad is the   | teaching on your cours                                 | e or        |                   |                      |        |               |                       |
| р іст  | activ  | vity? (0)  |             |                   |                      |        |               |                       |
| Retail and Commercial Enterprise   | How good or bad is the res   | spect staff show to you?                               | (0)         |                   |                      |        |               |                       |
| C Leisure, Travel and Tourism  |  |  | -           |                   |                      |        |               |                       |
| O Arts, Media and Publishing   | How good or bad is the ad<br>about what you can do afte                            | Ivice you have been giv<br>r this course or activity?  | en<br>?(0)  |                   |                      |        |               |                       |
| O History, Philosophy and Theology   | How good or bad is the sup   | port you get on this co                                | urse        |                   |                      |        |               |                       |
| O Social Sciences  | or activ   | rity? (0)  | _           |                   |                      |        |               |                       |
| O Languages, Literature and Culture  | How good or bad are the si   | taff at listening to the vie<br>ers? (0)               | ews         |                   |                      |        |               |                       |
| O Education and Training   | How good or had are the st   | aff at action on the view                              | r of        |                   |                      |        |               |                       |
| O Preparation for Life and Work  | learner  | rs? (0)  | 501         |                   |                      |        |               |                       |
| O Business, Administration and Law   | How good or bad has the co<br>expectati  | ourse been at meeting y<br>ions? (0)                   | our         |                   |                      |        |               |                       |
| These are final figures based on survey responses.   | Overall, how goo<br>organisation that pr   | d or bad do you think th<br>ovides your learning is?   | ne<br>? (0) |                   |                      |        |               |                       |
| 10 have been suppressed. Figures in brackets are the<br>number of respondents answering 0-10 for each<br>question. | How likely is it that you would<br>organisation that provides<br>friends or family | d recommend the your learning to ? (0)                 | 20%         | 40%               | 6 6                  | 0%     | 80%           | 100%                  |
|  | Extremely likely L<br>Percentage of respondents v                                  | ikely Neither likel                                    | y nor unlik | ely               | Unlikely<br>nisation | E      | xtremely      | unlikely              |

| Scores by Learner<br>Characteristics Scores by Subject Scores by<br>Loca                              | Delivery<br>tion Course/Activity<br>Reasons     | Course/Activity<br>Outcomes  | Reasons Vs<br>Outcomes |               | Information &<br>Overall Score |
|---|---|------------------------------|------------------------|---------------|--------------------------------|
| Delivery Location   |   |                              |                        | Average Score |                                |
| S40 2TF   |   |                              | 0 1 2 3                | 4 5 6         | 7 8 9 10                       |
|   | How good or bad was the                         | information you were giv     | en                     |               |                                |
| DE55.78D  | when you were choosing y                        | our course or activity? (8   | 30)                    | 9.0           |                                |
| 0 0200,000  | How good or bad was th                          | e help staff gave you in t   | he                     |               |                                |
|   | first few weeks of you                          | r course or activity? (93)   |                        | 9.4           |                                |
| O SK22 4AZ  | How good or bad is the                          | teaching on your course      | or                     |               |                                |
|   | activi  | ty? (93)                     |                        | 9.7           |                                |
| O \$45 9JE  | How good or bad is the                          | respect staff show to yo     | u?                     |               |                                |
|   |   | (93)                         |                        | 3.0           |                                |
|   | How good or bad is the a                        | dvice you have been giv      | en                     | 0.4           |                                |
| O DE5 9QF   | about what you can do a                         | fter this course or activity | <i>?</i>               | J.1           |                                |
|   | How good or bad is the sup                      | port you get on this cour    | se                     | 97            |                                |
|   | or activit                                      | ty? (89)                     |                        | 5.1           |                                |
| These are final figures based on survey responses.  | How good or bad are the st                      | aff at listening to the view | ws                     | 93            |                                |
| Figures are unweighted and any groups with fewer than   | of learne                                       | rs? (86)                     |                        | 5.5           |                                |
| 10 nave been suppressed. Figures in brackets are the<br>number of respondents answering 0-10 for each | How good or bad are the sta                     | aff at acting on the views   | of                     | 93            |                                |
| question.   | learners  | \$? (84)                     |                        |               |                                |
|   | How good or bad has the co                      | ourse been at meeting yo     | ur                     | 9.3           |                                |
|   | expectation                                     | ns? (50)                     | -                      |               |                                |
|   | Overall, how good                               | or bad do you think the      | 121                    | 9.5           |                                |
|   | organisation that pro                           | vides your learning is? (a   |                        |               | 1 1 1                          |
|   |   |                              |                        |               |                                |
|   |   | 0%                           | 20% 40%                | 60%           | 80% 100%                       |
|   |   |                              |                        |               |                                |
|   | How likely is it that you would                 | d recommend the              |                        | _             |                                |
|   | organisation that provides<br>friends or family | your learning to<br>? (93)   |                        |               |                                |
|   | incres of lanny                                 | . (,                         |                        |               |                                |
|   |   | ۔<br>· · · · · · · ·         |                        |               |                                |
|   | Extremely likely                                | kely Neither likely          | nor unlikely Ur        | likely Ext    | emely unlikely                 |
|   | Percentage of respondents                       | which are likely to reco     | mmend your organi      | sation        | 00%                            |
|   |   | -                            | to friends or          | family        | 0 70                           |



| Scores by Learner<br>Characteristics Scores by Subject Scores by<br>Loca                                     | y Delivery Course/Activity<br>ation Reasons   | Course/Activity<br>Outcomes | Reasons V<br>Outcome | Vs<br>es              | lin d               | nformation &<br>Overall Score |
|--|---|-----------------------------|----------------------|-----------------------|---------------------|-------------------------------|
| All Outcomes   | As a resul                                    | t of taking the             | course wou           | ld you s              | ay that:            |                               |
| Main Outcome   | You have more skills o                        | r knowledge                 |                      |                       |                     | 473                           |
|  | You have made                                 | new friends                 |                      |                       |                     | 401.5                         |
|  | You are more confident                        | as a person                 |                      | 226.2                 |                     |                               |
|  | You are more likely to particip<br>activities | ate in social               | 135.1                |                       |                     |                               |
|  | You are more likely to get a job or<br>work   | progress at                 | 61.0                 |                       |                     |                               |
|  | Your health or wellbeing ha                   | s benefitted                |                      |                       | 315.9               |                               |
|  | You are more likely to progress or<br>course  | n to another                | 1                    | 81.1                  |                     |                               |
| These are final figures based on survey responses.<br>Figures are weighted. A star indicates suppression has | You are more able to help<br>members          | other family                | 103.4                |                       |                     |                               |
| been applied to the results to protect respondents'<br>confidentiality.                                      | None  | of the above 3.4            |                      |                       |                     |                               |
|  |   | 0                           | 100 20<br>Number of  | 00 3<br>f Weighted Re | 600 4<br>espondents | 00 500                        |

| Scores by Learner<br>Characteristics Scores by Subject Scores by D<br>Location | elivery Course/Activity Course/Activity<br>on Reasons Outcomes | Reasons vs<br>Outcomes  | Information &<br>Overall Score |
|--|--|-------------------------|--------------------------------|
| All Reasons  | Comparison between reas  | ons for taking course   | e and                          |
|  | outcome after  | taking course           |                                |
|  | To gain skills and knowledge                                   |                         | 73%                            |
|  | You have more skills or knowledge                              |                         | 79%                            |
|  | _  |                         |                                |
|  | To meet people and make new friends                            | 46%                     |                                |
|  | You have made new friends                                      |                         | 67%                            |
|  |  |                         |                                |
|  | To help you participate in social activities                   | 21%                     |                                |
|  | You are more likely to participate in social activities        | 23%                     |                                |
|  | To belower ast a job or with upwarded                          | 129/                    |                                |
|  | You are more likely to get a job or with your work             | 10%                     |                                |
|  |  | 1076                    |                                |
|  | <br>To benefit your health or wellbeing                        | 47%                     |                                |
|  | Your health or wellbeing has benefitted                        |                         | 3%                             |
|  |  |                         |                                |
|  | To progress on to another course                               | 8%                      |                                |
| These are final figures based on survey responses                              | You are more likely to progress on to another course           | 30%                     |                                |
| Figures are weighted. A star indicates suppression has                         |  |                         |                                |
| been applied to the results to protect respondents'<br>confidentiality         | To help other members of your family                           | 9%                      |                                |
|  | You are more able to help other family members                 | 17%                     |                                |
|  |  | % 10% 20% 30% 40% 50% ( | 50% 70% 80% 90% 100            |
|  |  | % of Weighted I         | Respondents                    |

Confidence interval test for minimum sample size

#### **Confidence interval calculation**

Sample Size Calculation (as used in the Sample Size Calculator)

Sample Size = 
$$\frac{Z^2 \ x \ p \ x \ (1-p)}{c^2}$$

Correction for Finite Population (for known population size)

Adjusted sample size 
$$= \frac{Sample Size}{1 + \frac{Sample Size - 1}{N}}$$

Confidence interval of a returned sample

Confidence Interval = 
$$Z \propto \sqrt{\frac{px(1-p)}{n}} \propto \sqrt{\frac{N-n}{N-1}}$$

Where:

Z = Z value (for example 1.96 for 95% confidence level)

p = Assumed / observed % expressed as a decimal (for example 84% satisfied = 0.85)

c = Confidence interval, expressed as decimal (for example ± 5% = 0.05)

N = Number of eligible learners on provider's ILR

n = Number of valid responses

#### Sample skew test

We used the skew test to ensure that the degree of bias within the sample submitted by individual providers was within acceptable parameters. Analysis of ILR data for the population produced a profile of learners for each individual provider, based on the following four learner categories:

- 1. Females aged under 40
- 2. Males aged under 40
- 3. Females aged 40 and over
- 4. Males aged 40 and over

We derived the measure for skew by comparing the spread of a provider's returned sample across these categories to its population profile based on the ILR. In a perfectly representative sample, the percentage of learners within each of the four categories would be exactly the same as the percentage of learners within each category based on the ILR data. The skew factor was defined as the sum total percentage of respondents within each category that were above or below the required percentage for a perfectly representative sample. Skew factors up to 40% were defined as correctable with the application of appropriate weighting; skew factors above 40% were regarded as not correctable.

#### Skew formulas

Skew calculation:

$$Skew = \frac{\sum_{i=1}^{4} |r_i - s_i|}{2}$$

Where:

- *i* = Each individual learner category, ranging from one to four
- r = Percentage of learners on the provider's ILR in the i<sup>th</sup> category
- s = Percentage of learners in the sample in the i<sup>th</sup> category
- | | = Absolute value



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