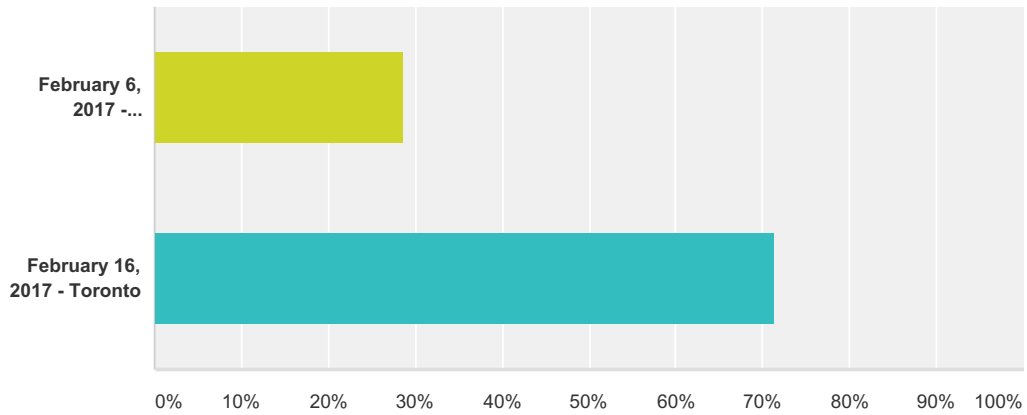


Q1 Which seminar did you attend?

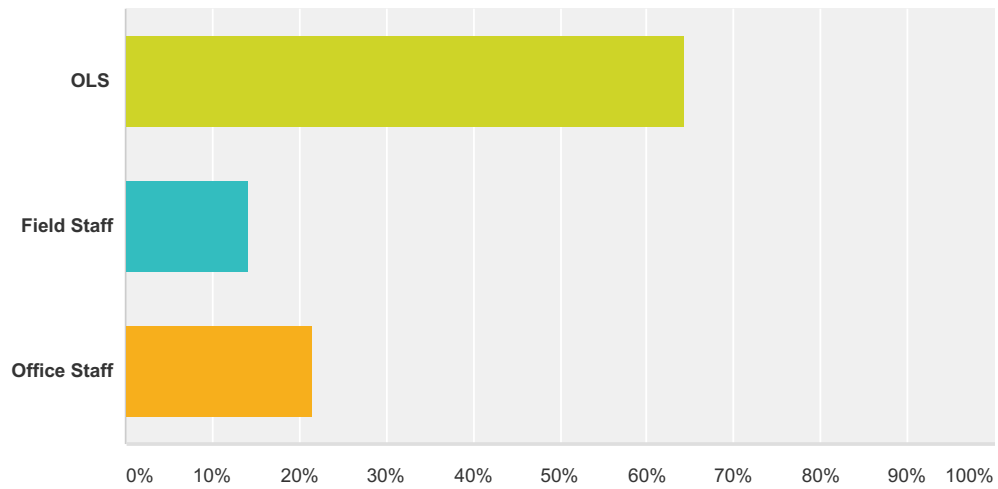
Answered: 14 Skipped: 1



| Answer Choices | Responses | |
|-------------------------------|-----------|-----------|
| February 6, 2017 - Belleville | 28.57% | 4 |
| February 16, 2017 - Toronto | 71.43% | 10 |
| Total | | 14 |

Q2 What is your category?

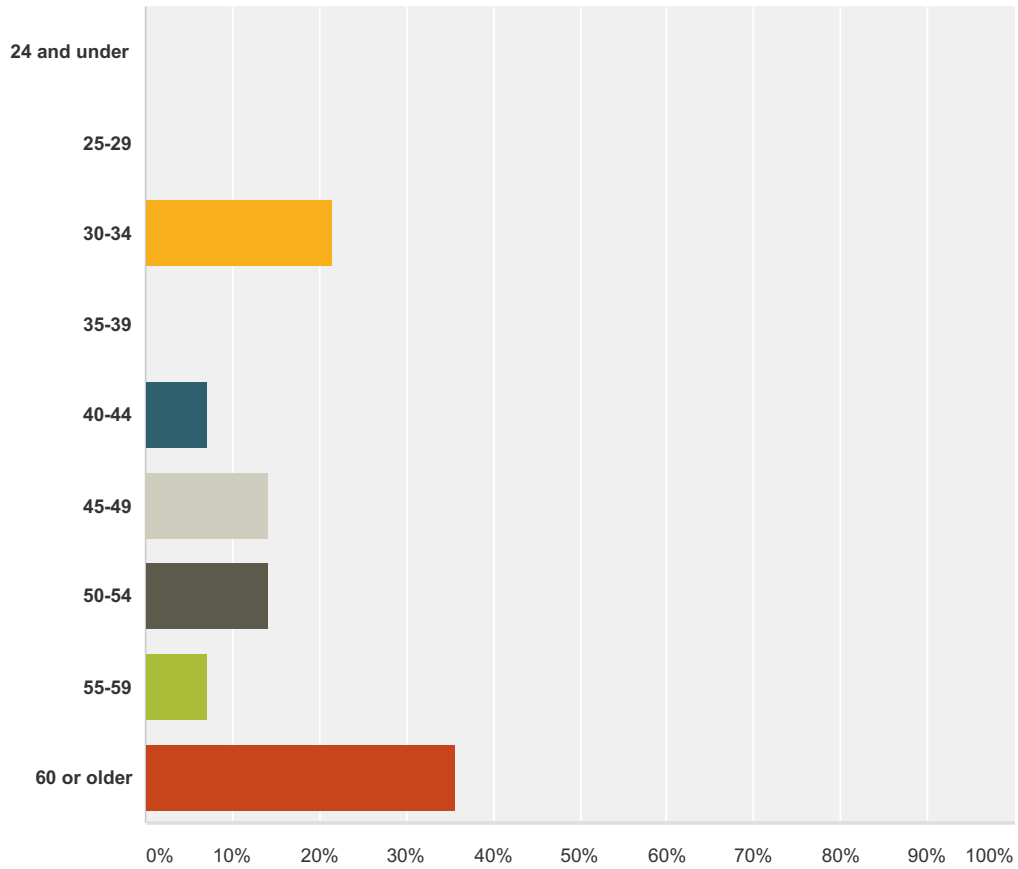
Answered: 14 Skipped: 1



| Answer Choices | Responses |
|----------------|-----------|
| OLS | 64.29% 9 |
| Field Staff | 14.29% 2 |
| Office Staff | 21.43% 3 |
| Total | 14 |

Q3 What is your age?

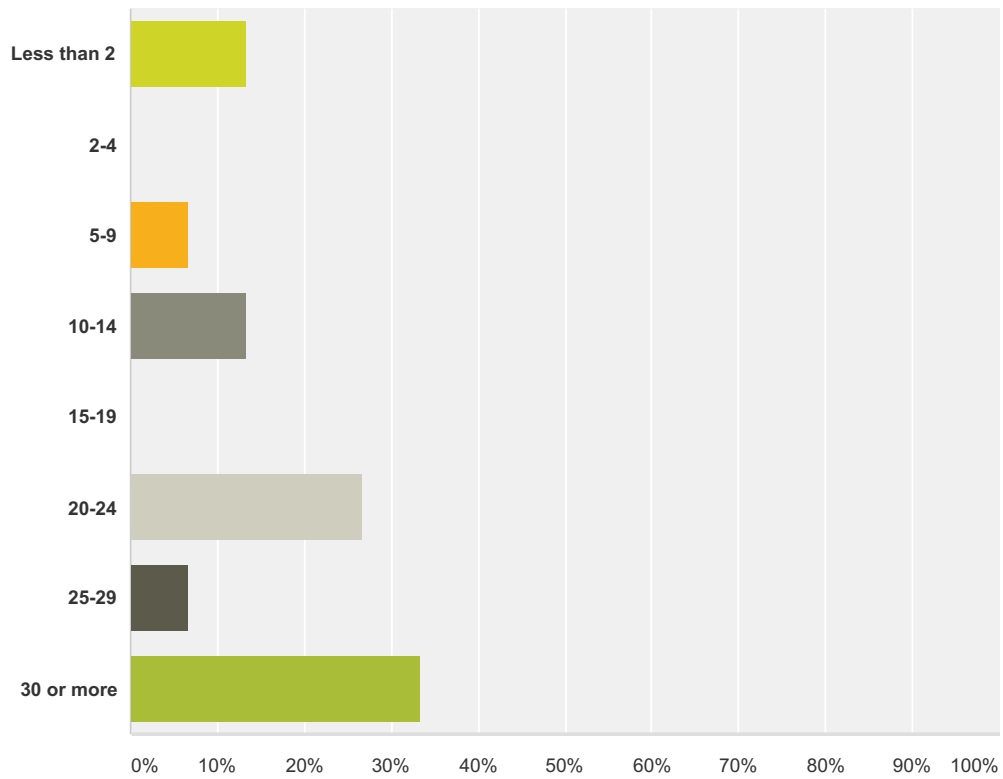
Answered: 14 Skipped: 1



| Answer Choices | Responses | Count |
|----------------|-----------|-----------|
| 24 and under | 0.00% | 0 |
| 25-29 | 0.00% | 0 |
| 30-34 | 21.43% | 3 |
| 35-39 | 0.00% | 0 |
| 40-44 | 7.14% | 1 |
| 45-49 | 14.29% | 2 |
| 50-54 | 14.29% | 2 |
| 55-59 | 7.14% | 1 |
| 60 or older | 35.71% | 5 |
| Total | | 14 |

Q4 How many years have you been in the surveying profession?

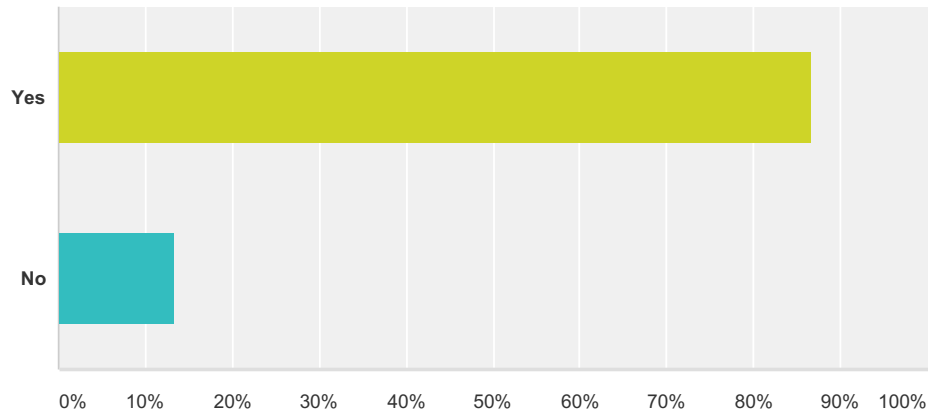
Answered: 15 Skipped: 0



| Answer Choices | Responses |
|----------------|-----------|
| Less than 2 | 13.33% 2 |
| 2-4 | 0.00% 0 |
| 5-9 | 6.67% 1 |
| 10-14 | 13.33% 2 |
| 15-19 | 0.00% 0 |
| 20-24 | 26.67% 4 |
| 25-29 | 6.67% 1 |
| 30 or more | 33.33% 5 |
| Total | 15 |

Q5 Do you supervise other employees?

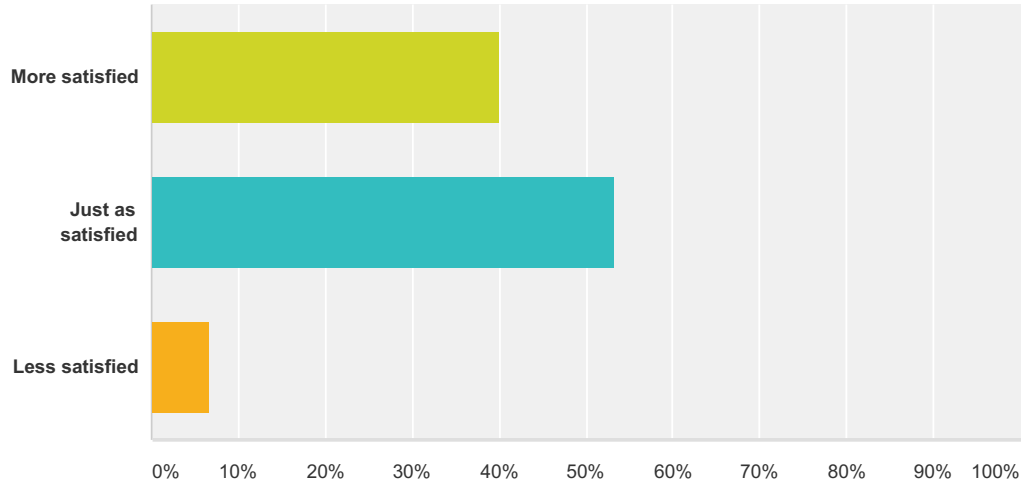
Answered: 15 Skipped: 0



| Answer Choices | Responses | |
|----------------|-----------|-----------|
| Yes | 86.67% | 13 |
| No | 13.33% | 2 |
| Total | | 15 |

Q6 Compared to five years ago, how would you describe yourself now in regards to your job satisfaction?

Answered: 15 Skipped: 0

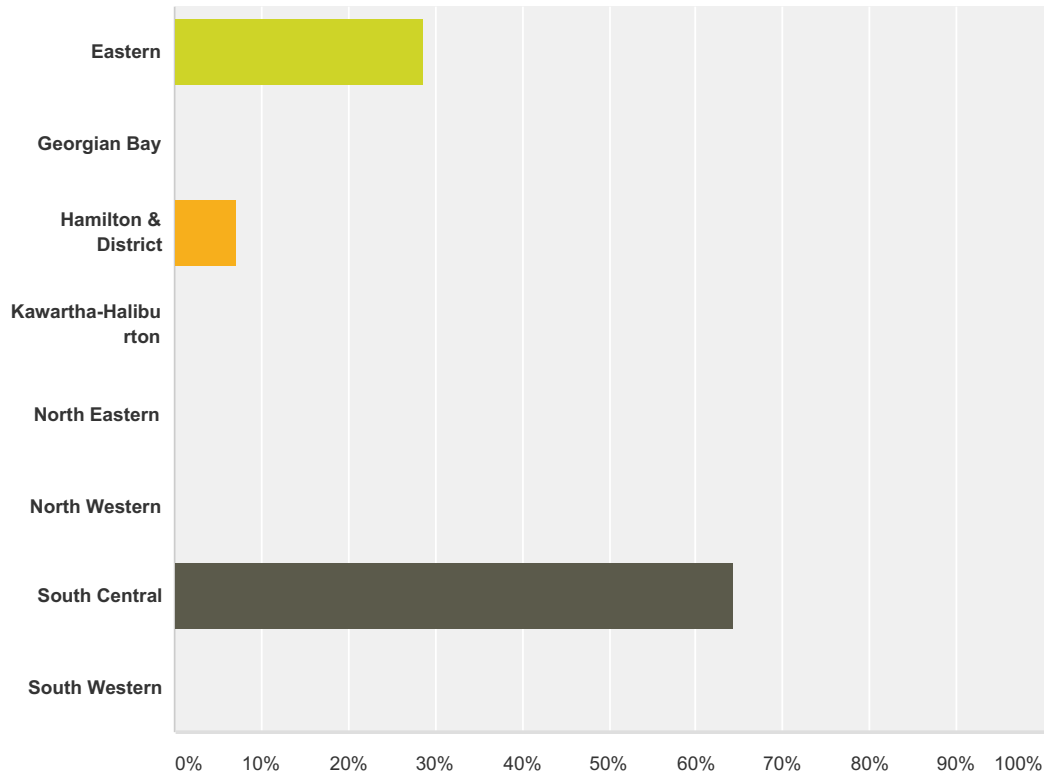


| Answer Choices | Responses |
|-------------------|-----------|
| More satisfied | 40.00% 6 |
| Just as satisfied | 53.33% 8 |
| Less satisfied | 6.67% 1 |
| Total | 15 |

| # | Comments: | Date |
|---|------------|-------------------|
| 1 | No comment | 2/17/2017 8:13 AM |
| 2 | bored | 2/17/2017 5:57 AM |

Q7 Where are you based (by Regional Group)?

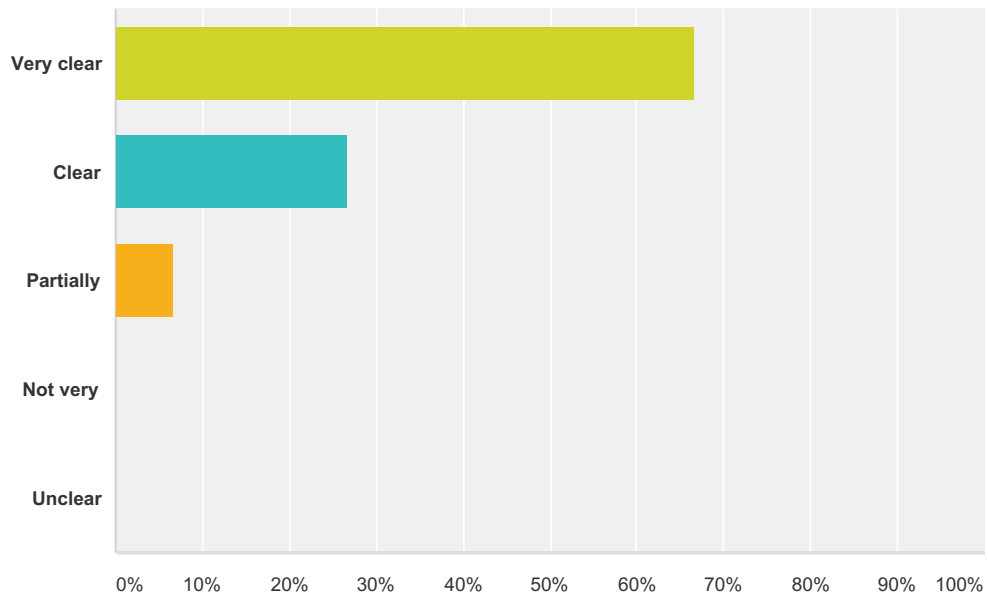
Answered: 14 Skipped: 1



| Answer Choices | Responses | |
|---------------------|-----------|-----------|
| Eastern | 28.57% | 4 |
| Georgian Bay | 0.00% | 0 |
| Hamilton & District | 7.14% | 1 |
| Kawartha-Haliburton | 0.00% | 0 |
| North Eastern | 0.00% | 0 |
| North Western | 0.00% | 0 |
| South Central | 64.29% | 9 |
| South Western | 0.00% | 0 |
| Total | | 14 |

Q8 Were the objectives of the seminar clearly defined?

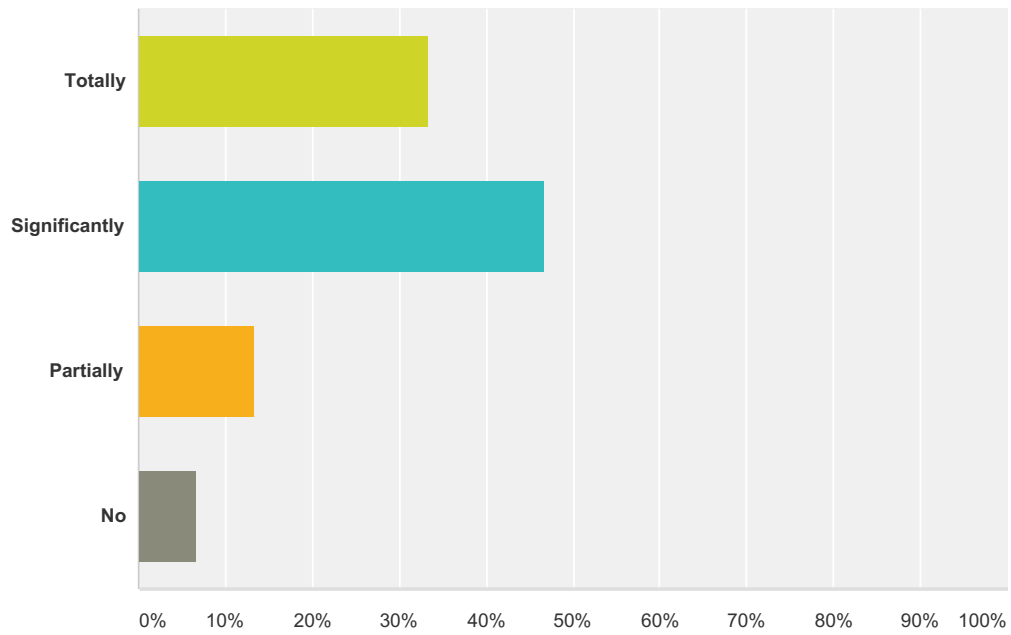
Answered: 15 Skipped: 0



| Answer Choices | Responses | Count |
|----------------|-----------|-----------|
| Very clear | 66.67% | 10 |
| Clear | 26.67% | 4 |
| Partially | 6.67% | 1 |
| Not very | 0.00% | 0 |
| Unclear | 0.00% | 0 |
| Total | | 15 |

Q9 Did the seminar meet your expectations?

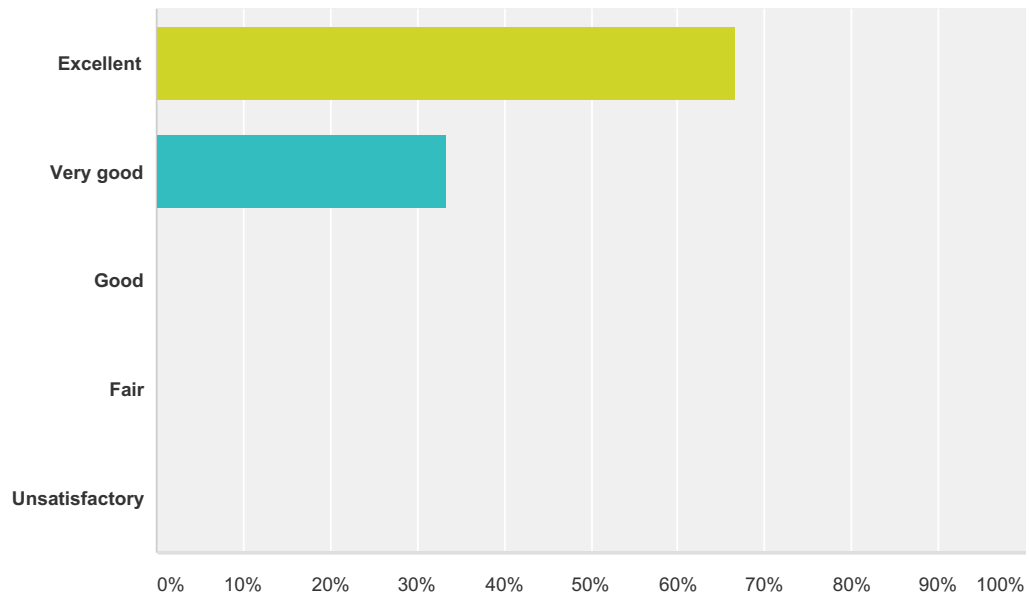
Answered: 15 Skipped: 0



| Answer Choices | Responses |
|----------------|-----------|
| Totally | 33.33% 5 |
| Significantly | 46.67% 7 |
| Partially | 13.33% 2 |
| No | 6.67% 1 |
| Total | 15 |

Q10 How would you rate the quality of the seminar leadership and presentation?

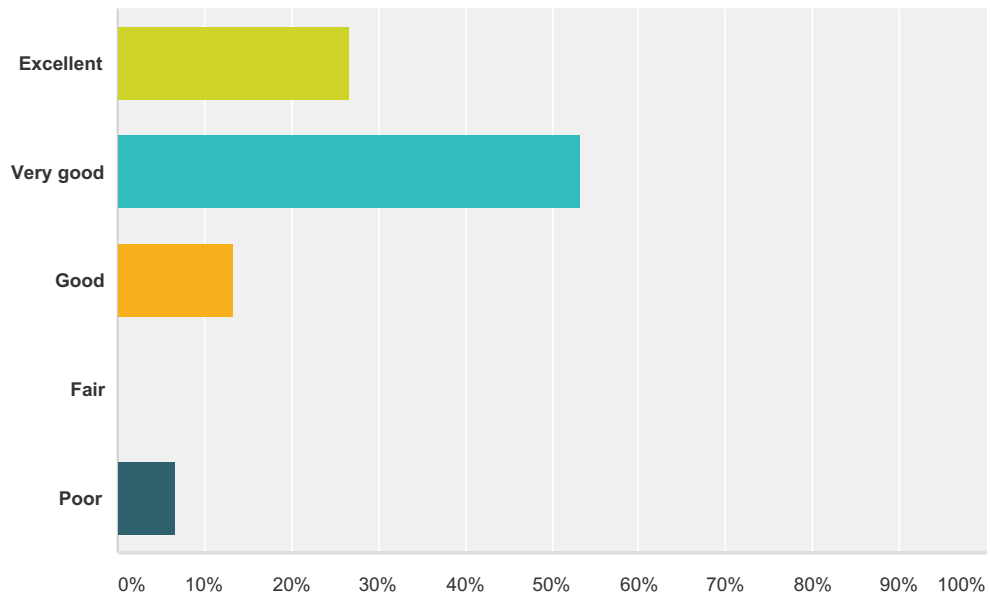
Answered: 15 Skipped: 0



| Answer Choices | Responses | Count |
|----------------|-----------|-----------|
| Excellent | 66.67% | 10 |
| Very good | 33.33% | 5 |
| Good | 0.00% | 0 |
| Fair | 0.00% | 0 |
| Unsatisfactory | 0.00% | 0 |
| Total | | 15 |

Q11 How would you rate the overall value of the seminar to you?

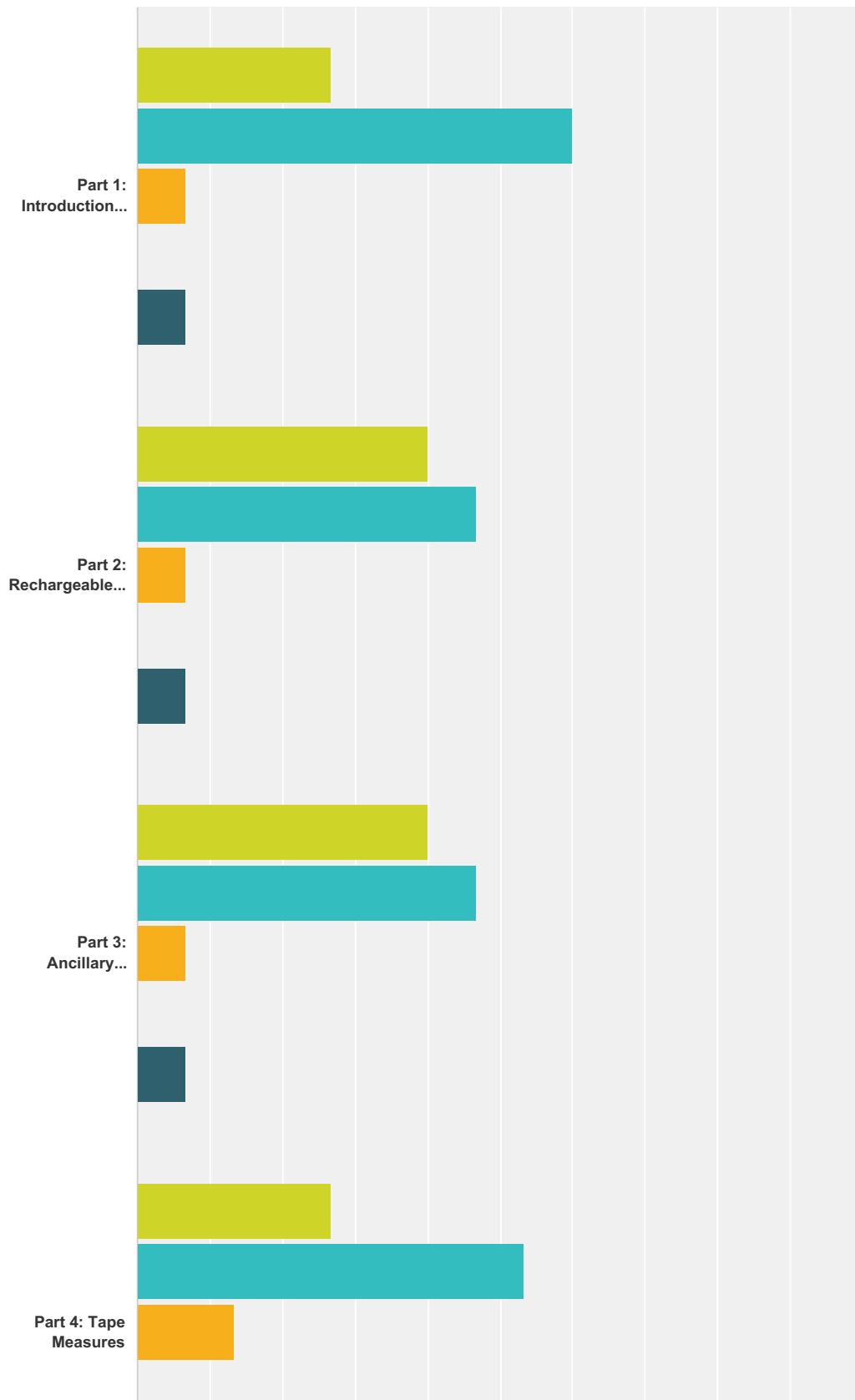
Answered: 15 Skipped: 0



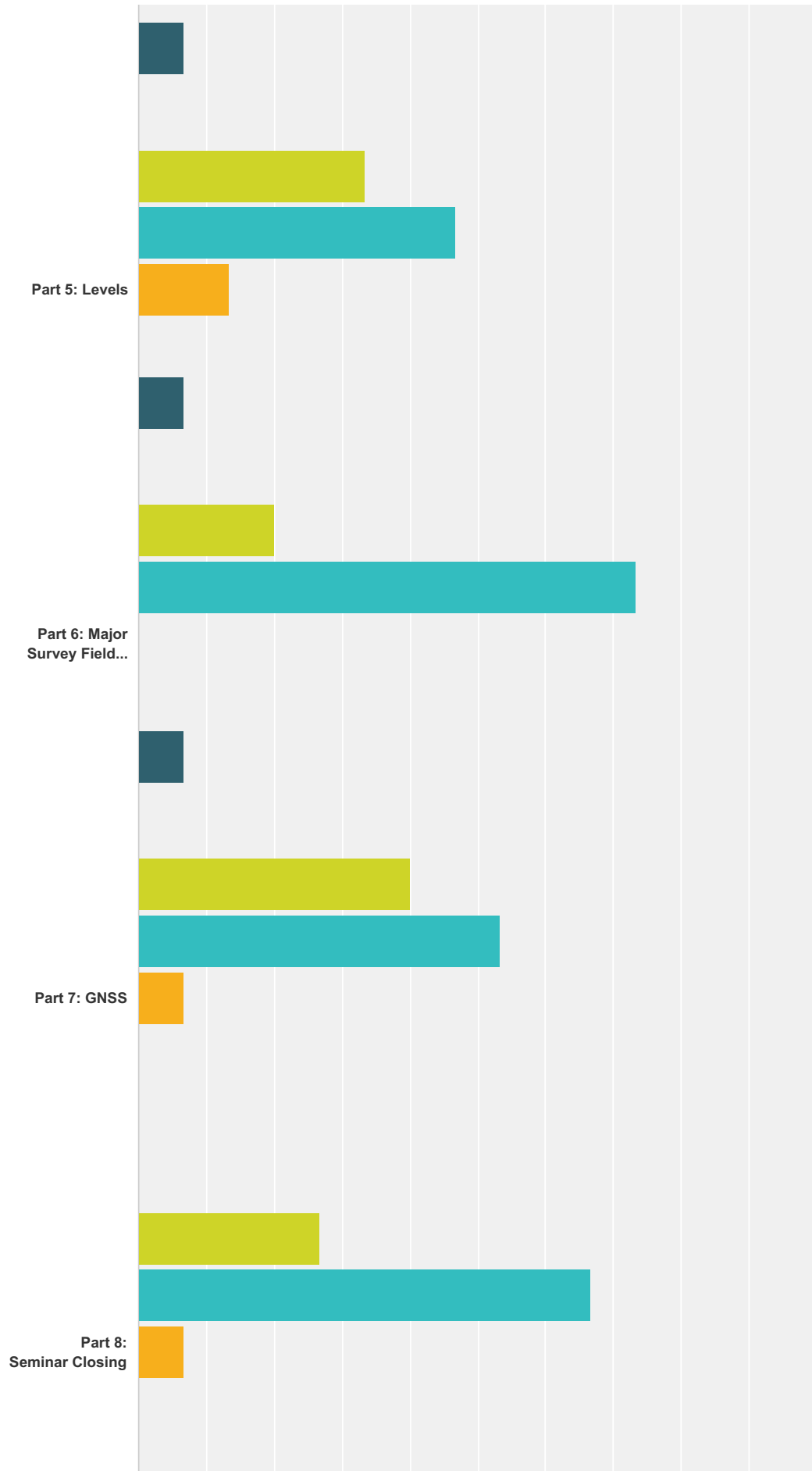
| Answer Choices | Responses |
|----------------|-----------|
| Excellent | 26.67% 4 |
| Very good | 53.33% 8 |
| Good | 13.33% 2 |
| Fair | 0.00% 0 |
| Poor | 6.67% 1 |
| Total | 15 |

Q12 How would you rate the individual components of the seminar?

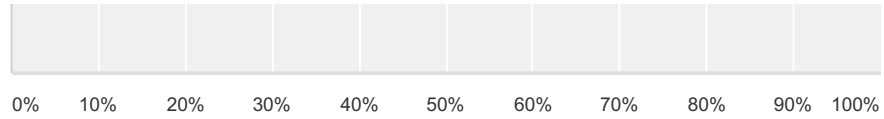
Answered: 15 Skipped: 0



Survey Equipment Seminars 2017 Survey



Survey Equipment Seminars 2017 Survey

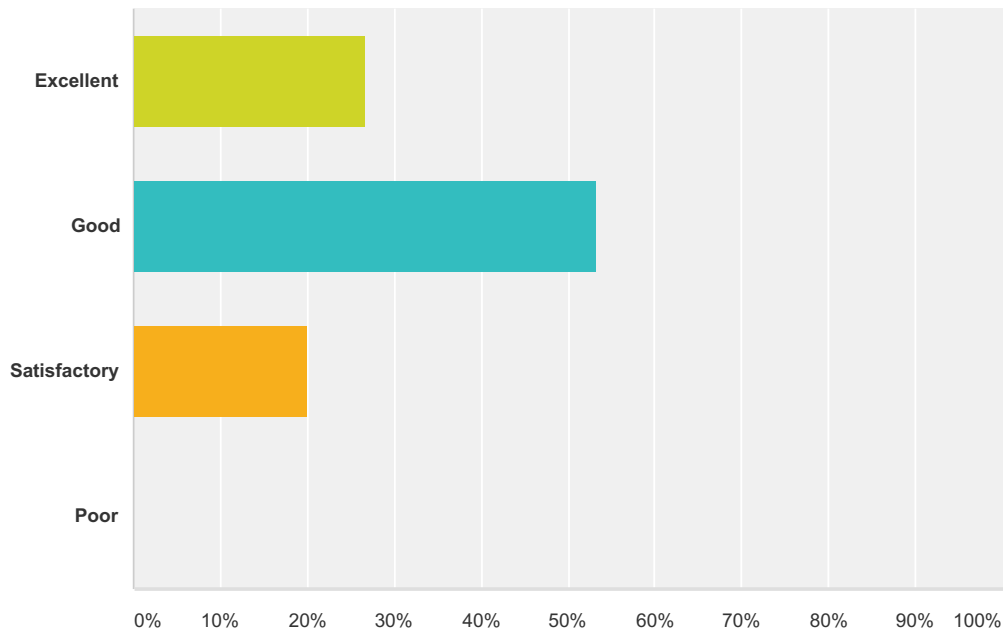


■ Excellent
 ■ Very good
 ■ Good
 ■ Fair
 ■ Poor

| | Excellent | Very good | Good | Fair | Poor | Total |
|--|-------------|--------------|-------------|------------|------------|-------|
| Part 1: Introduction and Seminar Outline | 26.67% 4 | 60.00% 9 | 6.67% 1 | 0.00% 0 | 6.67% 1 | 15 |
| Part 2: Rechargeable Batteries | 40.00% 6 | 46.67% 7 | 6.67% 1 | 0.00% 0 | 6.67% 1 | 15 |
| Part 3: Ancillary Survey Field Equipment | 40.00% 6 | 46.67% 7 | 6.67% 1 | 0.00% 0 | 6.67% 1 | 15 |
| Part 4: Tape Measures | 26.67% 4 | 53.33% 8 | 13.33% 2 | 0.00% 0 | 6.67% 1 | 15 |
| Part 5: Levels | 33.33% 5 | 46.67% 7 | 13.33% 2 | 0.00% 0 | 6.67% 1 | 15 |
| Part 6: Major Survey Field Equipment | 20.00% 3 | 73.33% 11 | 0.00% 0 | 0.00% 0 | 6.67% 1 | 15 |
| Part 7: GNSS | 40.00% 6 | 53.33% 8 | 6.67% 1 | 0.00% 0 | 0.00% 0 | 15 |
| Part 8: Seminar Closing | 26.67% 4 | 66.67% 10 | 6.67% 1 | 0.00% 0 | 0.00% 0 | 15 |

Q13 How would you rate the venue facilities?

Answered: 15 Skipped: 0



| Answer Choices | Responses |
|----------------|-----------|
| Excellent | 26.67% 4 |
| Good | 53.33% 8 |
| Satisfactory | 20.00% 3 |
| Poor | 0.00% 0 |
| Total | 15 |

Q14 Please identify three things that you found most important during the day

Answered: 7 Skipped: 8

| # | Responses | Date |
|---|--|--------------------|
| 1 | GNSS | 2/23/2017 11:59 AM |
| 2 | 1. the Calibration requirements for instruments. 2. Proper instrument settings 3. Where to store and dispose the batteries | 2/17/2017 8:18 AM |
| 3 | Clearer understanding of GNSS. Digital levels exist. No one tapes anymore and hardly anyone uses a level anymore. | 2/17/2017 6:30 AM |
| 4 | Paul's affable nature, humour and confidence. Remarkable research. All questions answered thoughtfully and completely. | 2/17/2017 6:10 AM |
| 5 | Adjusting Tribracs and minor equipment - don't think this has been covered anywhere else. Covering major instrument errors. The battery section was very interesting as well. | 2/16/2017 8:10 PM |
| 6 | Extremely informative. Could have been split into two days to allow Paul to get even further in to detail. He has a tremendous amount of knowledge in all topics in surveying so the added time would be a benefit to the people attending. Hard to identify three main things because the whole program is excellent. | 2/16/2017 7:56 PM |
| 7 | 1. Paul's explanation about the difference between geoidal height and orthometric height. 2. instructions on how to calibrate the instruments 3. formulas for calculating scale factor | 2/7/2017 10:37 AM |

Survey Equipment Seminars 2017 Survey

Q15 Any other comments or recommendations

Answered: 8 Skipped: 7

| # | Responses | Date |
|---|---|--------------------|
| 1 | Venue lunch was good. Restrooms weren't working | 2/23/2017 11:59 AM |
| 2 | No comment | 2/17/2017 8:18 AM |
| 3 | To much time is spent on batteries. To much time is spent on older equipment. Speed things up at the beginning, but don't leave out any topics. Then spend more time or same amount of time on the new equipment. This will help shorten the seminar, so things end at least an hour earlier. | 2/17/2017 6:30 AM |
| 4 | The suppliers could have set up their instruments and supplies. | 2/17/2017 6:10 AM |
| 5 | No survey instruments present at the equipment seminar? Some hands on time would have been nice. Actual adjustments to the equipment to help crews improve field methods/checks/maintenance. More GNSS theory and hands on setup-less tape/battery/edm/levels. The session was very interesting and informative from a historical prospective. Other sessions need to focus on preparing us for future survey methods and highlight the newest technologies that will increase field efficiencies and productivity. Great job Paul and AOLS, these CEC sessions are very good for our profession. | 2/16/2017 9:12 PM |
| 6 | Things that affect everyday operation of a survey office, but, that you never had time to ask anyone about. Very comprehensive. Some material on mechanical theodolites seemed rather dated. Not sure if anyone uses those anymore. | 2/16/2017 8:10 PM |
| 7 | There should be more courses similar to this. Great event. | 2/16/2017 7:56 PM |
| 8 | This course should have been given to students & survey personal with little experience. Any party chiefs that are in the field that cannot do a peg test & check their total stations for accuracy shouldn't be out there. Paul is an exceptional teacher but a lot of the course was given on older equipment that is no longer used. We also don't need to know about the different kinds of batteries, whatever the company sends with the equipment is all we need to know. We need to know about the most up to date equipments functions & features. | 2/10/2017 9:35 AM |

Q16 What other courses would you like the AOLS to offer?

Answered: 8 Skipped: 7

| # | Responses | Date |
|---|--|-------------------|
| 1 | None | 2/17/2017 8:18 AM |
| 2 | A course on Drones and Lidar. | 2/17/2017 6:30 AM |
| 3 | How to check a plan. | 2/17/2017 6:10 AM |
| 4 | Intro to UAV surveys | 2/16/2017 9:12 PM |
| 5 | New machinery requires new methods. Perhaps a course on working with a robot by one self. What are tricks and tips to obtain speed, accuracy and redundancy while maintaining economy when working by one self? | 2/16/2017 8:10 PM |
| 6 | More all field related. Also a drafting course would be great. | 2/16/2017 7:56 PM |
| 7 | I would like to see Trimble, Lieca & Topcon put on a seminar with their equipment showing the setups & procedures to set up their data collectors & total stations & doing simple adjustments in the data collector. A couple hours with each company would help answer questions that any Party Chief would have. | 2/10/2017 9:35 AM |
| 8 | Additional seminar on gps picking up where this one left off. | 2/7/2017 10:37 AM |