



## TABLES and GRAPHS ACITIVITY

### 1. Data Set A: Demographics of Participants in Town Hall Meeting

Gender – 225 females, 178 males

Race/ethnicity -- 44% African American, 0.6% Asian, 30.6% Latino, 17.6% Caucasian, 4% other, 3.1% Multi-racial

Age – Between 20 and 30 45%;  
between 31 – 45 28%;  
between 46 and 50 10%;  
between 51 and 55 4%;  
between 56 and 65 3%,  
between 66 and 100 10%.

- 1a. Use the reverse to display information in Data Set A  
1b. What type(s) of graph(s) would work well here?

CHECK YOUR ANSWERS on page 2 (don't peek)

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### 2. Data Set B:

I learned a lot through the workshop 72% in 2004 91% 2009

The trainers were excellent 62% in 2004 95% in 2009

I would definitely recommend this to a colleague 73% in 2004 99% in 2009

Overall Rating was Excellent 71% in 2004 94% in 2009

- 2a. Use the reverse to display information in Data Set B.  
2b. What type(s) of graph(s) would work well here?

CHECK YOUR ANSWERS on page 2 (don't peek)

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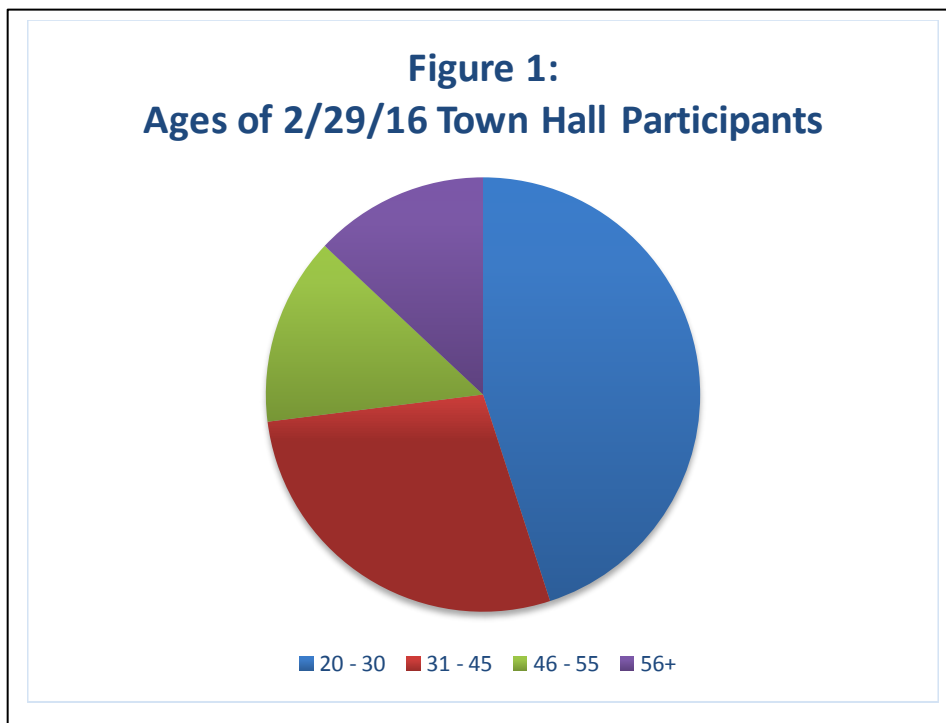
## ANSWERS TO THE TABLES AND GRAPHS ACTIVITY

### 1. DATA SET A

**Table 1: Demographics of Participants at Town Hall Meeting 2/29/16**

|  | n   | %   |
|--|-----|-----|
| <b>GENDER</b>                                |     |     |
| Females                                      | 225 | 56% |
| Males  | 178 | 44% |
|  |     |     |
| <b>RACE/ETHNICITY</b>                        |     |     |
| African American                             |     | 44% |
| Asian  |     | 1%  |
| Caucasian                                    |     | 4%  |
| Latino                                       |     | 18% |
| Identified more than one racial ethnic group |     | 3%  |
| Other  |     | 4%  |
|  |     |     |
| <b>AGE</b>                                   |     |     |
| 20 – 30                                      |     | 45% |
| 31 – 45                                      |     | 28% |
| 46 – 55                                      |     | 14% |
| Older than 55                                |     | 13% |

The best graphics for these data would be pie charts like this one – or just the table.  
(This pie chart was created in Microsoft Word – insert chart and follow options.)



## 2. DATA SET B

**Table 2: Respondent Feedback about the Workshop, by Year**

| Percent of respondents who reported they ...                  | 2004       | 2009       |
|---|------------|------------|
| <i>Learned a lot through the workshop</i>                     | <b>72%</b> | <b>91%</b> |
| Thought the trainers were <i>excellent</i>                    | <b>62%</b> | <b>95%</b> |
| Would definitely recommend this to a colleague                | <b>73%</b> | <b>99%</b> |
|   |            |            |
| <b>Percent who rated training overall as <i>Excellent</i></b> | <b>71%</b> | <b>94%</b> |

The best graphics for these data would be paired bars (clustered columns) like this one – or just the table. (Made this in Word too.)

