

## LibQUAL+ Survey Sample & Response Rates

### Academic Staff – 100% of Population (*Except Library Staff*)

**Total Population: 429**

**Total Response: ?**

### Faculty - 100% of Population (*Except Library Staff*)

**Total Population: 302**

**Total Response: 72**

**Response Rate: 24%**

### Graduate Students - 100% of Population (*Except Learning Communities*)

**Total Population: 325**

**Total Response: 98**

**Response Rate: 30%**

### Classified Staff – Random Sample

**Total Population: 371**

**Total Response: ?**

Acceptable margin of error=10%

Acceptable confidence level=90%

Population size=394

Response distribution=50%

These parameters yield a necessary **sample size of 58**.

Assume an invitation response rate of 20%.

58 is 20% of 290, invitations sent to 290 classified staff.

(290 is 74% of the total population of 394.)

### Undergraduate Students – Stratified Sample Based on Classes

**Total Population: 7303**

**Total Invitations: 1746**

**Total Response: 269**

**Response Rate: 15.4%**

### Undergraduate Students – Freshman – Random Sample

**Total Population: 1532**

**Total Response: 87**

**Response Rate to 433 Invitations: 20%**

Acceptable margin of error=10%

Acceptable confidence level=90%

Population size=1532

Response distribution=50%

Above parameters require a **sample size of 65**.

Assume an invitation response rate of 15%.

65 is 15% of 433, invitations sent to 433 freshman.

(433 is 28% of the total population of 1532.)

### Undergraduate Students – Sophomores – Random Sample

**Total Population: 1577**

**Total Response: 67**

**Response Rate to 433 Invitations: 15.4%**

Acceptable margin of error=10%

Acceptable confidence level=90%

Population size=1577

Response distribution=50%

Above parameters require a **sample size of 65**.  
Assume an invitation response rate of 15%.  
65 is 15% of 433, invitations sent to 433 sophomores.  
(433 is 27% of the total population of 1577.)

#### **Undergraduate Students – Juniors – Random Sample**

**Total Population: 1688**

**Total Response: 33**

**Response Rate to 440 Invitations: 7.5%**

Acceptable margin of error=10%  
Acceptable confidence level=90%  
Population size=1688  
Response distribution=50%

Above parameters require a **sample size of 66**.  
Assume an invitation response rate of 15%.  
66 is 15% of 440, invitations sent to 440 juniors.  
(440 is 26% of the total population of 1688.)

#### **Undergraduate Students – Seniors – Random Sample**

**Total Population: 2506**

**Total Response: 48**

**Response Rate to 440 Invitations: 11%**

Acceptable margin of error=10%  
Acceptable confidence level=90%  
Population size=2506  
Response distribution=50%

Above parameters require a **sample size of 66**.  
Assume an invitation response rate of 15%.  
66 is 15% of 440, invitations sent to 440 seniors.  
(440 is 18% of the total population of 2506.)