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.)