LSU | Integrative Learning Core

ILC SAMPLNG GUIDELINES

- Departments need only assess a majority of sections annually for each course. However, it is important that these sections be as representative as possible of all sections (and modalities) of the course, including those taught in the summer or intersession terms.

- A common standard for sampling is work from 10% of the students, or 10 students, whichever is greater, but this may be problematic for large classes, depending on the assessment instrument chosen. You do not need to sample; if you prefer to submit data from your entire class (the entire population), you are free to do so.

EXAMPLE Sample for TIGR1234

- TIGR1234 had 21 sections offered in Academic Year 2020:
    - 15 sections in Fall 2019 (10 Face-to-Face, 5 Online)
    - 5 sections in Spring 2020 (all Face-to-Face), and
    - 1 section in Summer B 2020 (only Online).
- Assessment data collected for TIGR1234 in Academic Year 2020 will include a total of 12/21 sections.
    - Fall 2019 = 8 sections (6 Face-to-Face, and 2 Online),
    - Spring 2020 = 3 sections (all Face-to-Face), and
    - Summer B 2020 = 1 section (Online).
- The average enrollment for each section is 60 students. Each of the 12 sections will include collecting assessment data from 10% of the students, or 10 students per section, whichever is greater.
- Therefore, **the assessment for TIGR1234 will include a total of 12 (out of 21) sections [9 Face-to-Face and 3 Online] and 120 (out of 1260) students.**

The larger the sample size, the more reliable and valid any conclusions from the data will be.

Larger sample sizes are associated with a smaller margin of error and higher confidence level.

For alternate scenarios please review http://www.raosoft.com/samplesize.html.

Sample size guidelines with 5% margin of error:

Enrollment Per Section	90% confidence level	95% confidence level	99% confidence level
0-9 Students	Not Assessed	Not Assessed	Not Assessed
10-25 Students	All Students	All Students	All Students
50	43	45	47
75	59	63	68
100	74	80	88
150	87	109	123
200	116	132	154
300	143	169	207
400	162	197	250
500	176	218	286
600	187	235	316

Sample size guidelines with 10% margin of error:

Enrollment Per Section	90% confidence level	95% confidence level	99% confidence level
0-9 Students	Not Assessed	Not Assessed	Not Assessed
10-25 Students	All Students	All Students	All Students
50	29	34	39
75	90	95	99
100	41	50	63
150	47	59	80
200	51	66	91
300	56	73	108
400	58	78	118
500	60	81	125
600	61	83	131