

Idaho Career and Technical Education

Data Collection Training: Data Analysis

Wednesday, May 1, 2019
10 a.m. to 12 p.m., Pacific Standard Time
Virtual meeting

Facilitator

Hella Bel Hadj Amor, REL Northwest

Goal

Learn how to analyze data from surveys and focus groups

Objectives

- Learn the steps involved in *preparing* survey and focus group data for analysis
- Learn the steps involved in *analyzing* survey and focus group data
- Learn how to use findings to inform concrete next steps

Agenda

Time	Content	Goals and objectives	Activities and resources
10:00–10:10	Purpose	Review the scope of REL services overall and in this project and be clear about the purposes and outcomes for this meeting	Handout: Participant agenda (<i>identical to this agenda except with this column removed</i>) Slides 1–5
10:10–11:20	Survey data analysis	Review the steps involved in survey data analysis <ul style="list-style-type: none"> • Understanding and reviewing response rates • Completing an analysis plan • Preparing data for analysis • Reviewing statistics to be calculated • Analyzing data • Interpreting data • Connecting findings and next steps/goals 	Handouts: <ul style="list-style-type: none"> • Handout 1: Descriptive statistics inventory in attachment 3 • Handout 2: Table 2: Summary statistics, calculations, and considerations (Pazzaglia, Stafford, & Rodriguez, 2016, p. 11) • Handout 3: Table 8.3: Criteria for choosing select statistical tests (Creswell, 2014, p. 211) • Handout 4: Data visualizations inventory in attachment 3 Slides 6–14
11:20–11:45	Focus group data analysis	<ul style="list-style-type: none"> • Understand the steps to take from the time the first focus group occurs • Understand how to connect findings and next steps/goals 	Slides 15–21

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Time	Content	Goals and objectives	Activities and resources
11:45–12:00	Closing and next steps	<ul style="list-style-type: none"> • Achieve clarity on session outcomes and next steps 	Slides 22–24 Note: Slides 25-43 are reference slides for the team's future use. They are referenced in the deck where appropriate.

References

Creswell, J. W. (2014). *Research design: Qualitative, quantitative, and mixed methods approaches* (4th ed.). Thousand Oaks, CA: SAGE.

Pazzaglia, A. M., Stafford, E. T., & Rodriguez, S. M. (2016). *Survey methods for educators: Analysis and reporting of survey data (part 3 of 3)* (REL 2016-164). Washington, DC: U.S. Department of Education, Institute of Education Sciences, National Center for Education Evaluation and Regional Assistance, Regional Educational Laboratory Northeast & Islands.
<http://eric.ed.gov/?id=ED567753>