



Industry/University
Cooperative Research
Centers

Center Fidelity Survey

IUCRC Evaluator's Meeting
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Background and Goal

- Background
 - IUCRCs have recently exhibited some heterogeneity on how consortially they operate
 - Questions have also come up about the extent to which IUCRCs represent “team science” (e.g., multidisciplinary, team-based)
- Goals
 - Examine the extent to which IUCRCs exhibit fidelity to the consortial model
 - Examine the extent to which IUCRCs practice “team science”
 - Explore the relationships among these variables

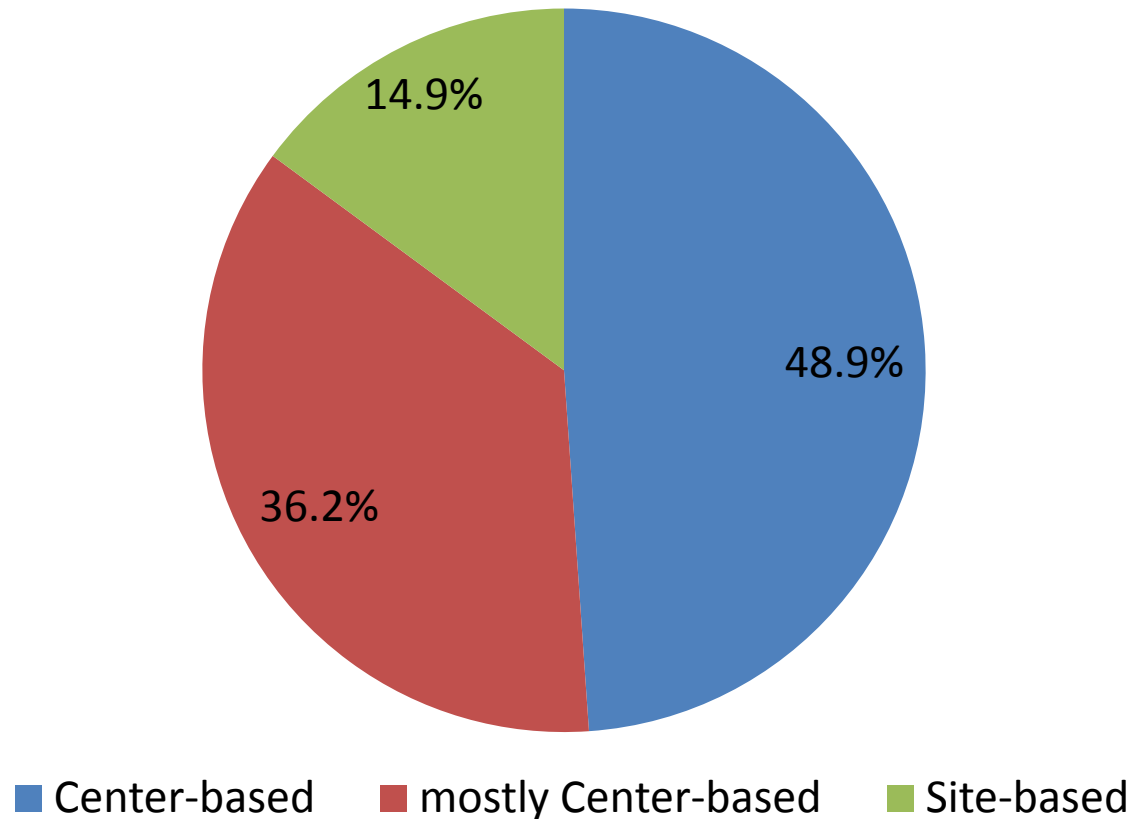


Methodology

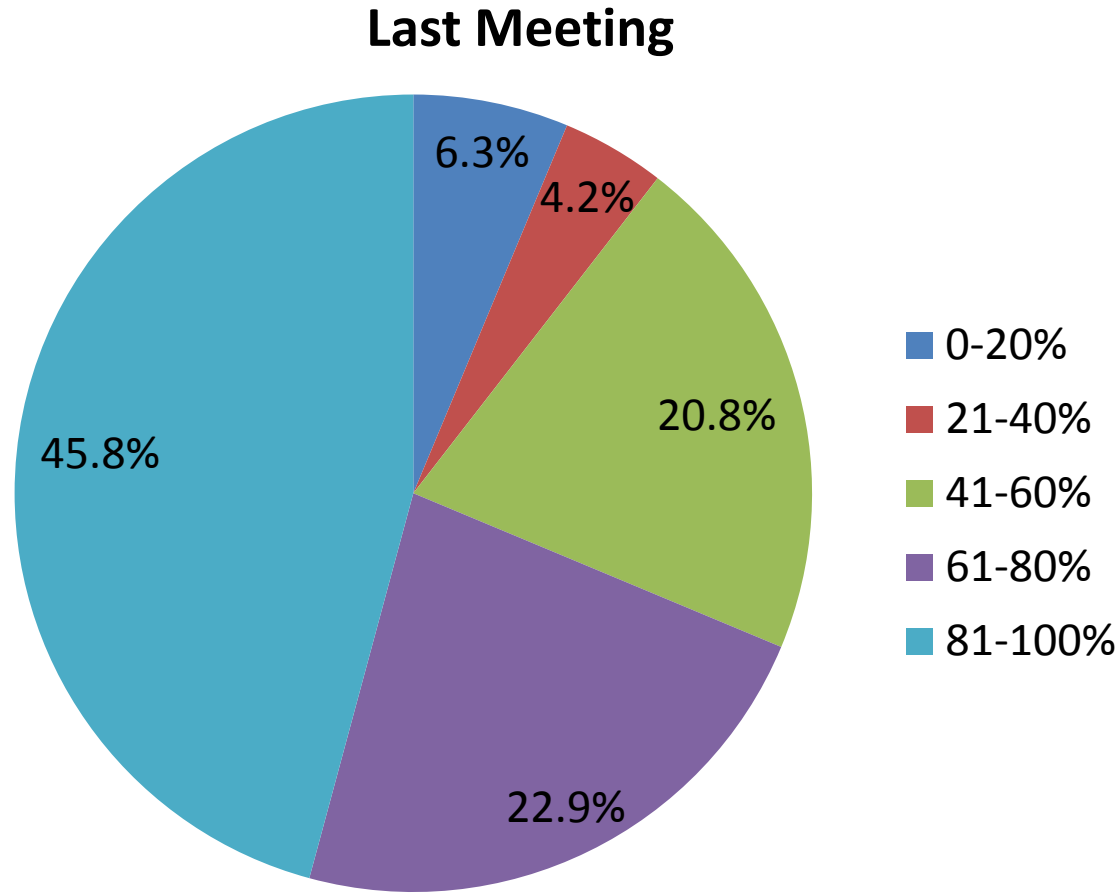
- Questionnaire
 - Completed by evaluator rating center practices and operations (e.g. meeting attendance)
 - N=48
- Merged with archival data
 - Structural data
 - Process/Outcome data

Which of the following best describes how this multi-site center operates:

Decision Making

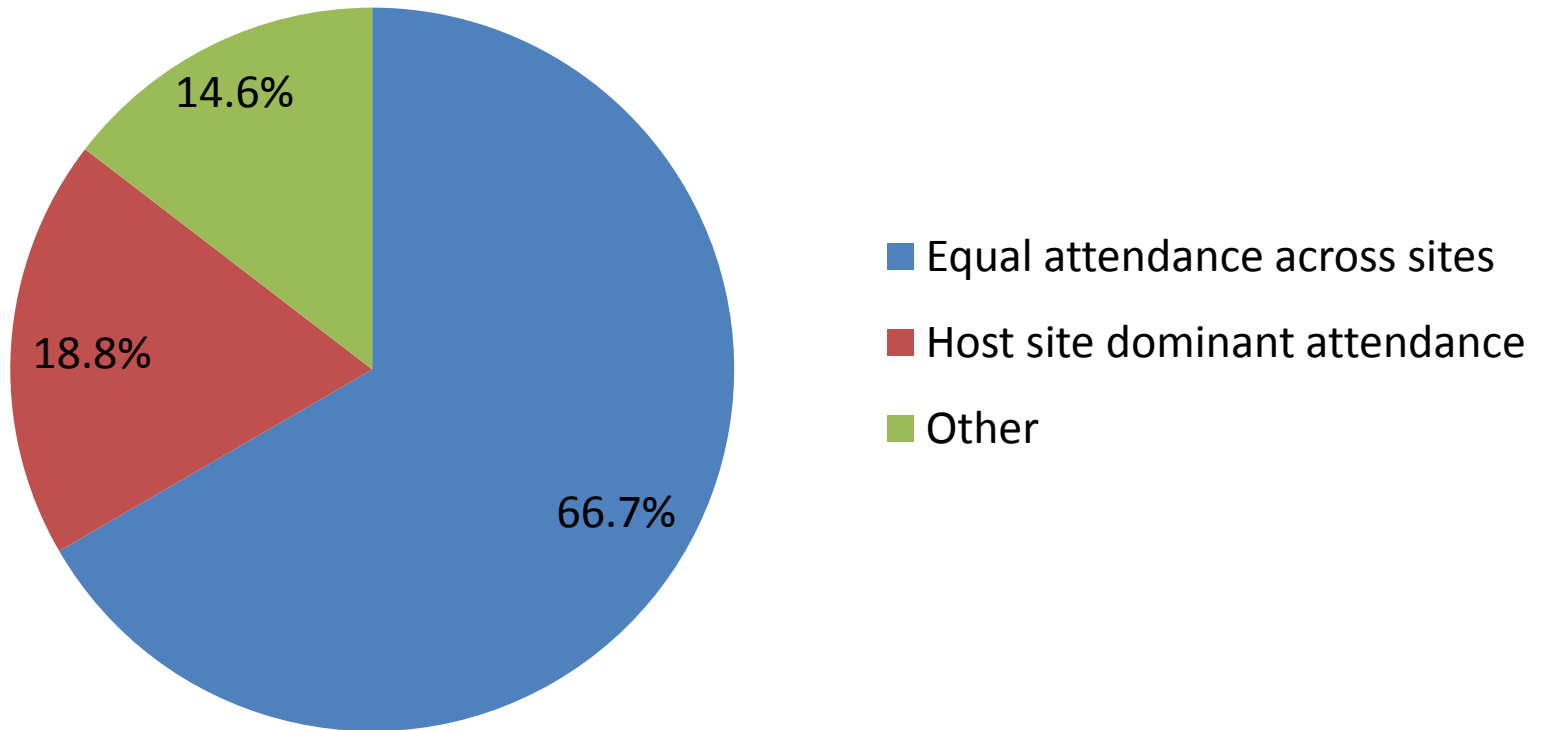


Estimate the percentage of total IAB who physically attended this meeting:



If face-to-face meeting, which of the following best describes the attendance at the meeting:

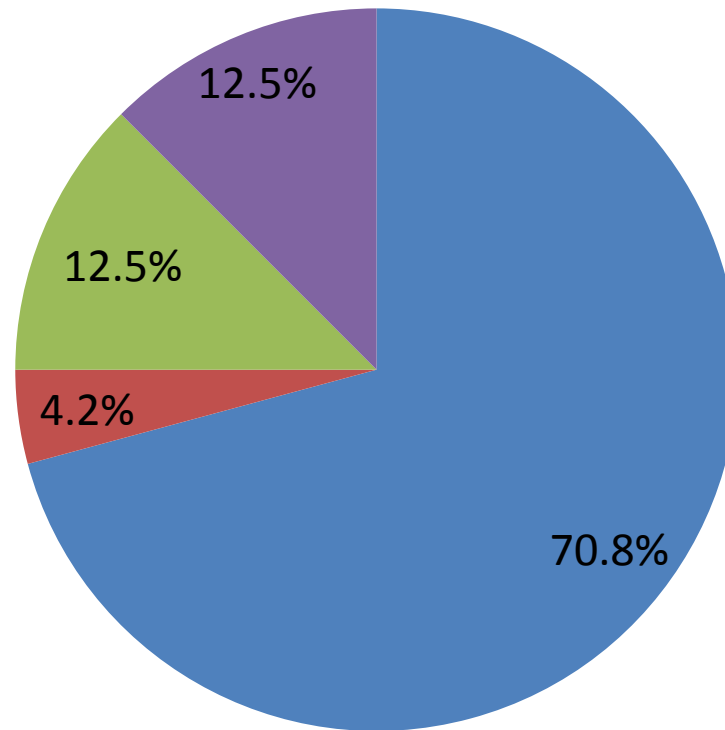
Last Meeting



Which of the following new project decision-making procedures best describes how new research proposals are selected/approved at this center:



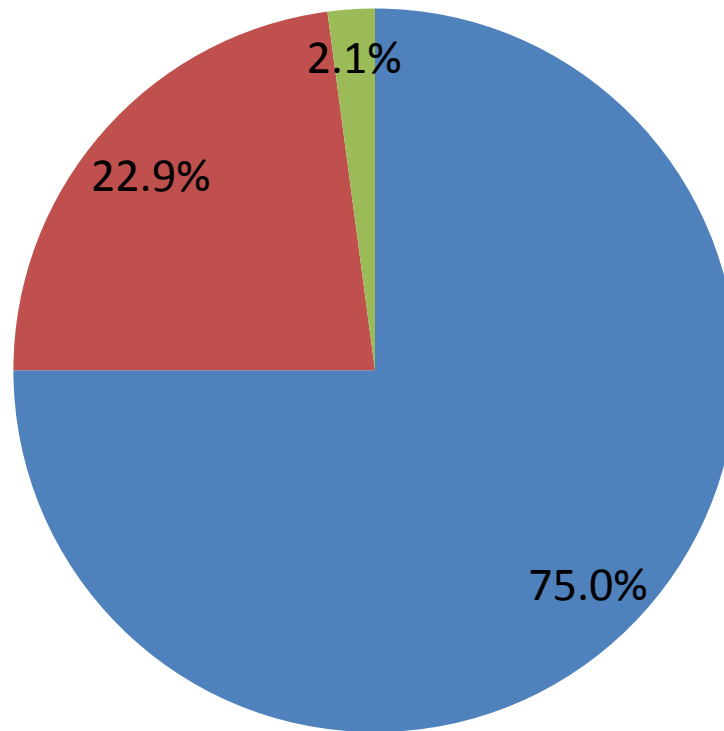
Project Selection



■ Consortial ■ Site-based Consortial ■ Modified Member-based ■ Member-based

Which of the following statements best describes how this center provides project results to their dues-paying IAB members:

Results Dissemination

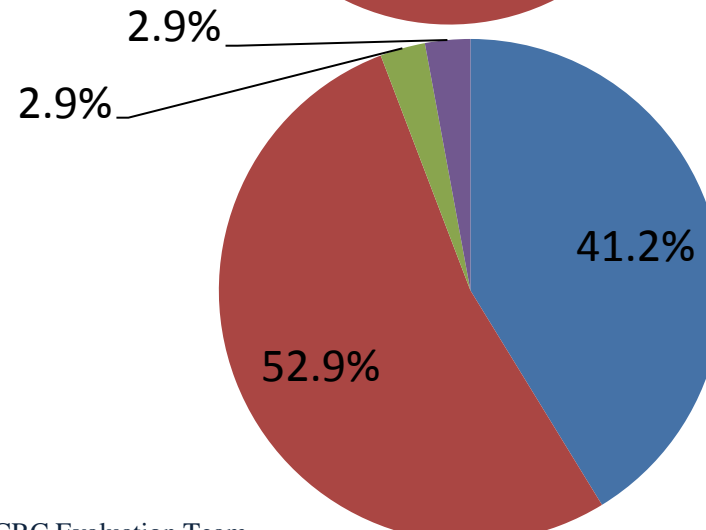
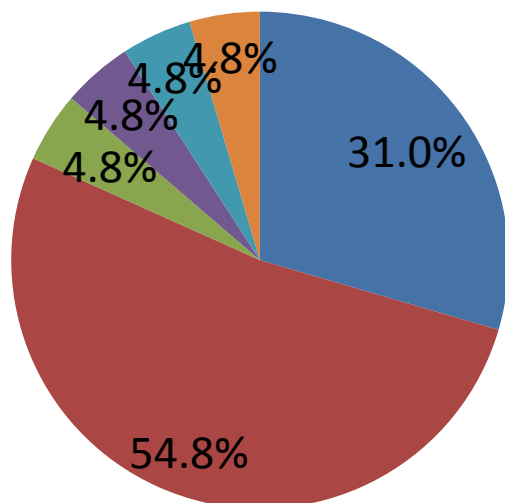
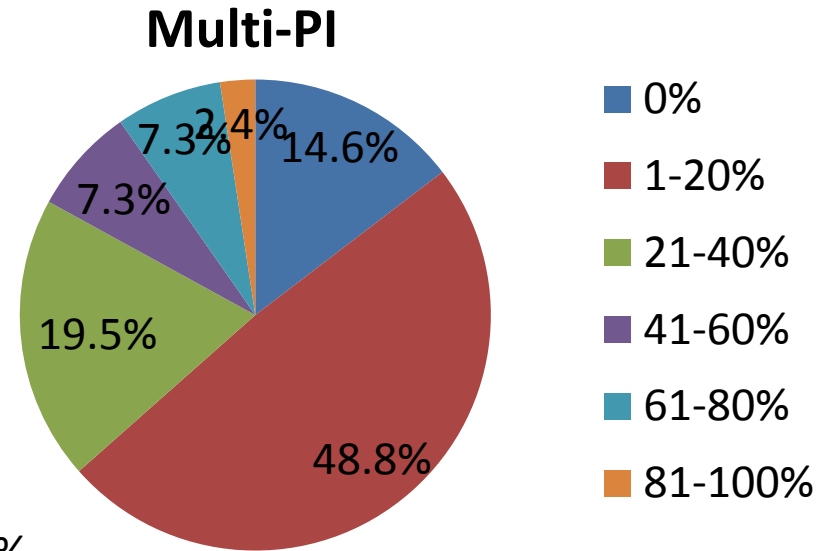
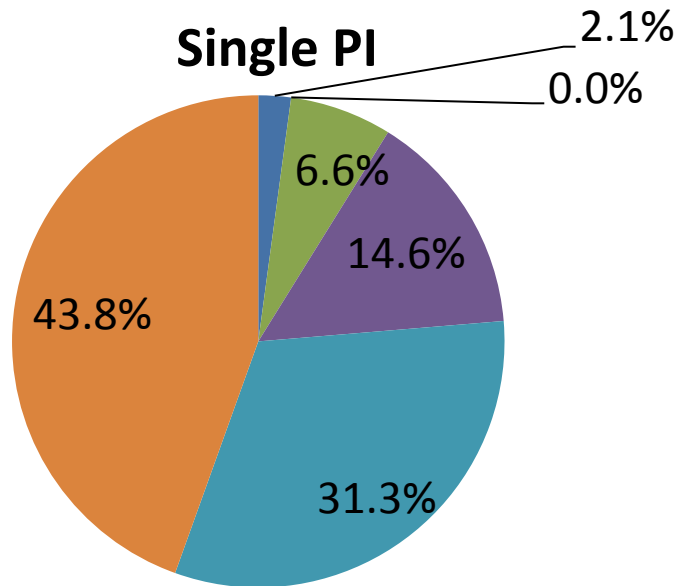


■ Consortial ■ Modified member-based ■ Member-based

Please check the response that most accurately describes the estimated frequency of collaborative projects (project involving multiple PIs) within this center



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Predictive Analyses

Preliminary Findings



Question?

- What are the consequences of operating at varying degrees of fidelity?
 - Does it have implications for structural outcomes?
 - Does it have implications for factors measured by the process/outcome questionnaire or fidelity questionnaire (e.g. multidisciplinary)?



Methodology

- Creating Fidelity Scale
 - Dichotomize Q2 (decision making), 15 (project selection) & 16 (results dissemination)
 - 1 = high fidelity
 - 0 – low fidelity
 - Sum across those variables so that the fidelity scale ranges from 0 to 3
- Predictive Analyses
 - Bivariate correlations, for now...



Significant Correlates with Fidelity*

	1	2	3	4	5	6
1. Fidelity	48					
2. % Members Physically Attending	0.31*	48				
3. % Projects Interested	0.30*	0.38*	43			
4. % CD time spent teaching	-0.35*	-0.17	0.09	48		
5. Members Added	-0.32*	-0.17	-0.63**	-0.08	48	
6. Members Dropped	-0.33*	-0.44**	-0.45**	0.01	0.65**	48

Note: N reported along the diagonal; * $p < .05$, ** $p < .01$

*Caution: we evaluated about 50 bivariate correlations.