Capacity Assessment Framework – Research and Evaluation Unit at the Ministry of Education's Department of Planning

Developed by Project Team of the Assessment of Learning Outcomes and Social Effects of Community-Based Education in Afghanistan (ALSE)

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Introduction

This framework is intended to guide an individual-level assessment of the research capacities of the staff of the Ministry of Education's Research and Evolution Unit (R&EU). The overall goal of the framework is to improve research and evaluation skills of the R&EU staff through assessing their competency levels and through proposing capacity building interventions.

It has the following purposes:

- 1. To present the skills necessary for commissioning, designing, managing, and carrying out strong research and evaluation projects;
- 2. To propose tools and indicators that can be used to assess staff's current (baseline) each skill level;
- 3. To provide the base for assessing the enhancement in the skills and competencies of staff at different points in time to ensure that the capacity of Unit is improving.

The framework includes 9 broad areas of skills (subject to change) required for each staff in the R&EU as well as 40 (subject to change) detailed required competencies. Since R&EU has staff with different titles and each required specific level of the competencies, therefore, the framework has 0 to 3 levels of each competency which each has its specific definition attached to it.

The framework is the first step in conducting a capacity assessment of the R&EU. The next step is the development of the capacity assessment tools. The prospective assessment tools include:

- 1. A CV of each staff which includes details of research and evaluation trainings, practical experience, level of involvement, and deliverables produced.
- 2. List of academic courses taken in research and evaluation
- 3. *Competency Questionnaire*: Each staff member completes a questionnaire of questions designed to assess knowledge of research and evaluation.
- 4. *Mini-projects*:
 - a. Research Proposal: Each staff member develops a practice research proposal in order to demonstrate skills in developing research questions, completing a literature review, and selecting appropriate research designs and tools. Each staff member reviews the research proposal of one other staff member in order to demonstrate skills in assessing a research proposal
 - b. *Communicating Findings*: Each staff member is presented with a raw research findings and completes a short report communicating those findings. In the case of quantitative research, this would take the form of simple data analysis such as cross-tabs. In the case of qualitative research, this would take the form of a listing of main themes and interview quotations.

- c. *TOR Assessment*: Each staff member assesses a TOR in order to demonstrate skills.
- d. *Inception Report Assessment:* Each staff member assesses an inception report (EQUIP-II Evaluation inception report) in order to demonstrate skills
- e. *Research Report Assessment:* Each staff member assesses a research report in order to demonstrate skills.

It is important to note that this framework is based on the current structure of the R&EU. The Unit needs to review its objectives and mandate and may restructure its staff accordingly. If this occurs, this framework may also require revision.

I. Research Capacity Assessment Framework

Arc		ch Knowledge and Ex					
		3- High Competency	2- Moderate Competency	1- Low Competency	0- No Competency	Tools for Assessing Competency	Competency Indicators
1.	Understanding of the difference between quantitative and qualitative research	 Can differentiate between quantitative and qualitative research questions, understands the different data collection tools that are used in each Can identify and explain why in particular research project one method best fits another 	• Has a general understanding that quantitative research focuses on numbers, while qualitative research focuses description	Knows that there is a difference, but is unable to specify what that difference is	Fully unaware of the difference between quantitative and qualitative research	Competency Questionnaire	Open-ended question on definitions Categorizing examples Multiple choice questions on types of data collection tools used.
2.	Difference between research, evaluation, review, and monitoring	 Understands how research, evaluation, and monitoring are each distinct from each other, as well as where they overlap and contribute to each other Understands categories of each 	Generally understands the distinction between research, evaluation, and monitoring, but mixes up some components of each	Understands that there is a distinction between research, evaluation, and monitoring, but is unable to specify the differences	No conception of the difference between	Competency Questionnaire	Open-ended questions on definitions Questions categorizing examples
3.	Reliability and	Understand the	Understands the	Understands that it	Is unfamiliar	Competency	Open-ended

validity	distinction between reliability and validity • has demonstrated experience reviewing research design/tools to ensure that they are reliable and	difference between reliability and validity, and why each is important in conducting research, but has not applied that knowledge	is important to have a research design/tools that is reliable and valid but cannot specify the distinction	with the concepts of reliability and validity	Questionnaire CV	questions on definitions Questions categorizing examples Experience reviewing research designs/tools
4. Generalizability in quantitative and qualitative research	valid Understands how quantitative and qualitative research generalize differently has experience summarizing or reviewing findings to ensure that claims made are accurate	Understands how quantitative and qualitative research generalize differently, but has not applied that knowledge either in summarizing or reviewing findings	Understands that quantitative and qualitative research generalize differently, but cannot specify the distinction	Is unfamiliar with how quantitative and qualitative research generalize	Competency Questionnaire CV	Questions categorizing examples Experience summarizing or reviewing findings
5. Triangulation Area II: General Resea	■ Understands what triangulation is, how to triangulate data ■ has demonstrated experience doing so	Understands what triangulation is and how to triangulated data, but has no experience applying that knowledge	Understands the concept of triangulation, but not how to triangulate data	Is unfamiliar with what triangulation of data is	Competency Questionnaire CV	Short answer question on how to triangulate data for a particular example Experience conducting research projects with multiple data sources

		3- High Competency	2- Moderate Competency	1- Low Competency	0- No Competency	Tools for Assessing Competency	Competency Indicators
6.	Courses/training in research methods OR experience conducting research or evaluation projects	Has completed PhD coursework work in evaluation and research methods OR holds an MA that focused on social science research methodology OR has experience conducting and/or managing at least 3 evaluation studies	Has taken 1-3 graduate level courses in evaluation and research methods OR 3 or more trainings in research methods OR has been involved in conducting and/or managing 1-3 evaluation studies	Has taken 1-2 trainings in evaluation methods OR has been involved in some—but not all—aspects of an evaluation study	Has received no training in research methods	CV or transcript	Courses taken Employment history
7.	Ethical issues in research	Knows the principles of ethics in research and/or Has passed an institutional review board or other training in research ethics and has used these principles in designing a research project	Has some understanding of research ethics principles and/or Has been trained on research ethics and has applied the principles in helping to develop a research project	Some awareness of research ethics, and has applied them only in some parts of the research process	No familiarity with ethical issues in research	Competency Questionnaire CV	Research projects developed & summary of how ethics principles were considered Certificate of completion
Ar	ea III: Research Proj	ect Development/Co	nmissioning a Resea	rch Project			
		3- High Competency	2- Moderate Competency	1- Low Competency	0- No Competency	Tools for Assessing Competency	Competency Indicators
8.	Key steps in the research and/or evaluation process	Has a strong understanding of all steps in the research process and demonstrated	Has a good understanding of all steps in the research process, and has helped	Has a general understanding of most—but not all—steps in the research project,	Is unfamiliar with the research process	Competency Questionnaire	Open-ended question describing research process Putting the different

	experience designing/ commissioning a project	design/commissio n a research project	and but has limited experience applying that knowledge		CV	steps of the research process into a flow diagram Research projects developed
9. Assumptions and gaps in existing evidence	Can independently analyze existing evidence and identify assumptions and what gaps exist	Analyzes existing evidence and identifies assumptions gaps to some extent	Can analyze existing evidence and identify what assumptions and gaps exist with help	Is unable to able to analyze existing evidence and identify what assumptions or gaps exist	Competency Questionnaire Research Proposal Mini- Project	Steps in a literature review Quality of literature review completed (comprehensiveness , organization, etc.)
10. Translating policy questions into research/evaluat ion questions	Demonstrated ability to translate policy questions into research questions that are specific and that assess well-defined concepts	Can translate policy questions into research questions to some extent (e.g. questions and concepts may not be well-defined)	Can translate policy questions into general research themes	Is unable to translate policy questions into research questions or themes	Competency Questionnaire	Open-ended questions presenting policy questions and asking for them to be translated into research questions, including an explanation of key concepts
11. Synthesizing experience and theory into a cohesive literature review	Demonstrated ability to synthesize experience and theory into a literature review that clearly indicates the	Can synthesize experience and theory into a literature review that vaguely indicates the importance of the research / is	Can synthesize experience and theory into a literature review that does not indicate the importance of the research / is only	Does not know how to construct a literature review or assess a literature review	Research Proposal Mini- Project	Quality of literature review completed (comprehensiveness organization, etc.)

	importance of the research	sometimes able to assess a literature	able to assess a literature review			
		review to see that	with help			
		it clearly indicates				
		the importance of				
40.4.1.	D 1	the research		77 1: 1: 1		
12. Applying	Demonstrated	Knowledge of	Knowledge of	Very limited or	Competency	Categorizing
different	knowledge of	some research	some research	no knowledge of	Questionnaire	examples
research/evaluat	different	designs and ability	designs and	research designs		
ion designs	quantitative and qualitative	to pick which among known	inconsistent ability to pick which		Research	Appropriateness of
	research designs	designs is	design is		Proposal Mini-	research design
	and proven ability	appropriate for	appropriate for		Project	selected
	to pick which	answering a	answering a		Troject	Sciected
	research design is	specific research	specific research			
	appropriate for	question	question			
	answering a	4	4			
	specific research					
	question					
13. Selecting data	Demonstrated	Knowledge of a	Knowledge of a	Very limited or	Competency	Categorizing
collection	knowledge of a	limited range of	limited range of	no knowledge of	Questionnaire	examples
techniques/tools	wide range of	data collection	data collection	data collection		
	quantitative and	techniques, but is	techniques, and is	techniques	Research	Appropriateness of
	qualitative data	able to pick among	inconsistently able		Proposal Mini-	data collection tools
	collection	known	to pick which		Project	selected
	techniques, and	technique(s)	technique(s) are			
	proven ability to	which is most	most appropriate			
	pick the	appropriate for	for answering specific research			
	technique(s) that are appropriate for	answering specific research questions	questions			
	answering specific	research questions	questions			
	research questions					
14. Able to	Able to develop a	Able to develop a	Able to develop a	Unable to	Research	Quality of mini-
synthesize	research proposal	research	research	develop a	Proposal Mini-	project as a whole
research	that clearly	proposal/TOR that	proposal/TOR, but	research	Project	(organization and
questions,	specifies research	connects research	that does not	proposal/TOR		logic)

literature review, and methodology into a research proposal	questions, connects them to existing literature, and logically proposes a methodology appropriate to answering them	questions to existing literature and methodology to some extent (e.g. other, more appropriate, literature may exist and other methodologies may be even stronger and relevant)	always logically connect research questions to existing literature or to appropriate methodology	that logically connects research questions to existing literature or to appropriate methodology		
15. Developing a realistic timetable for a research project	Demonstrated ability to construct/assess a realistic timetable for a research project and to carry out the project according to that timetable	Can construct/assess a timetable for a research project, but that timetable is not always realistic	Can only construct/assess a timetable for a research project with help	Is unable to construct/assess a timetable for a research project	Research Proposal Mini- Project	Practicality of timetable included in the mini-project
16. Developing manual and guidelines	Able to developed, a quality manual or guideline for assessment Research and ToR proposal, Inception Report, and is able to train other and use the guideline.	Understands what needs to be the outline and content of the manual and guideline, but is unable to develop it	Able to use manual or guideline for assessment Research and ToR proposal, Inception Report, but cannot develop	Unable to use prepared manual and guidelines properly.	CV	Level of experience
Area IV: Measurement		T , , , ,	T ,	T = ,	La	
17. Theory of Change	Understands what a theory of change is, why it is important to	Understands what a theory of change is and is able to identify inputs and	Has a general understanding of what a theory of change is, but is	Does not know what a theory of change is	Competency questionnaire	

	program evaluation, and is able to identify inputs, intermediate steps, and ultimate outcomes in a complex theory of change	outcomes in a simple theory of change.	unable to identify the different steps in it			
18. Developing Indicators	Is able to develop clear indicators in order to measure a theory of change	Is able to develop vague indicators in order to measure a theory of change	Knows what indicators are, but cannot develop indicators to measure a theory of change	Does not know what indicators are	Competency questionnaire	
19. Developing Data collection tools	Able to develop a wide range of qualitative and quantitative data collection tools that are valid and reliable (e.g. questions have been tested and are not biased or leading)	Able to develop limited range of data collection tools, but is able to develop tools that are valid and reliable within that range	Only able to develop data collection tools with help	No experience developing data collection tools	Competency Questionnaire	Open-ended questions asking for a list of steps to be taken in developing different data collection tools (surveys, interviews, focus group protocols, observation protocols, etc.) Multiple choice and open-ended questions on how to structure surveys/interviews and how to compose questions Experience

						developing data collection tools
Area V: Data Collection	1					
	3- High Competency	2- Moderate Competency	1- Low Competency	0- No Competency	Tools for Assessing Competency	Competency Indicators
20. Conducting data collection	Significant first- hand experience conducting qualitative and quantitative data collection	Some first-hand experience conducting some types of qualitative and quantitative data collection	Limited experience conducting qualitative or quantitative data collection	Has never been involved in data collection	CV Competency Questionnaire	Academic and work experience Multiple choice/open ended questions about best practices for conducting different types of data collection (e.g. interactions with interview participants)
					On-the-job- assessment	Projects conducting data collection at the MoE
21. Sampling Strategies	Has knowledge of a range of sampling strategies and is able to pick a strategy appropriate to research question and research design	Knowledge of some sampling strategies and is able to pick among those strategies for the most appropriate	Knowledge of some sampling strategies and is able to pick which strategy is more appropriate for the research project with help	Unfamiliar with sampling strategies	Competency Questionnaire	Open-ended questions defining different types of sampling Multiple choice questions about appropriateness of different sampling strategies
22. Managing data collection	Has extensive experience managing and	Has experience managing and monitoring some	Has limited experience managing and	No experience managing and monitoring data	CV On-the-job	Work experience Projects managed at

	I manitanina data	annesta of the data		collection		the MoE				
	monitoring data	aspects of the data	monitoring data	collection	assessment	the MoE				
	collection and	collection and has	collection and no							
	anticipate potential	track record of	track record of							
	problems	anticipating some	anticipating							
		potential problems	potential problems							
Area VI: Designing, Managing and Conducting Data Entry										
	3- High	2- Moderate	1- Low	0- No	Tools for	Competency				
	Competency	Competency	Competency	Competency	Assessing Competency	Indicators				
23. Database	Is able to develop	Is able to develop a	Is able to develop a	Is unable to	CV	Work experience				
development	an extensive	simple database	database with help	develop a						
	database for	for entering survey		database		Examples of				
	entering survey	data				database(s)				
	data or/and					developed				
	supervise database									
	development									
	process									
24. Data entry	Is able to	Is able to	Has experience	No knowledge of	On-the-job	Completing data				
•	accurately enter	accurately enter	entering survey	how to enter data	assessment	entry on-the-job				
	survey data	survey data with	data, but needs			,				
		help	additional training							
25. Transcription	Has extensive	Has limited	Has previously	No experience	CV	Work experience				
-	experience	experience	done work	transcribing		•				
	transcribing	transcribing	summarizing	interviews						
	interviews	interviews (e.g.	interviews, but not							
		has transcribed 1	transcribing them							
		or 2)	word-for-word							
26. Data quality	Has extensive	Has limited	experience on	Has no	CV	Work experience				
assurance	experience in	experience in	conducting one or	experience in		·				
(control)	quality control of	quality control of	two quality control	quality control of						
,	data collected from	data collected from	but has not	data						
	the field and data	the field and data	designed it by							
	entered into the	entered into the	his/herself							
	database	database	,							
Area VII: Design and I	Perform Data Analysis									
	3- High	2- Moderate	1- Low	0- No	Tools for	Competency				
						F J				

	Competency	Competency	Competency	Competency	Assessing Competency	Indicators
27. Quantitative Data Preparation						
28. Statistical Analysis	Advanced knowledge of statistical models and techniques	Knowledge of simple forms of regression	Knowledge of descriptive statistics and basic t-tests	No statistical knowledge	CV/academic experience	Experience analyzing data/courses completed
					On-the job assessment	Experience conducting statistical analyses at the MoE
29. Quantitative data analysis software (e.g. Stata, SPSS, R)	Able to perform advanced analyses with at least one quantitative data analysis software	Ability to use at least one quantitative data analysis software or excel to extract	Has reviewed at least one quantitative data analysis software, but has not used it	No experience or knowledge of quantitative data analysis software	Competency questionnaire	Provide an example of one finding and for a two sentence presentation
	analy sid solemals	descriptive statistics	for conducting analysis		CV	Experience analyzing quantitative data
					On-the-job assessment	Experience conducting statistical analyses at the MoE
30. Coding qualitative data	Is able to lead a project coding qualitative data, developing/revisin	Is able to participate in a project coding qualitative data,	Has knowledge of how to code qualitative data, but has not	No experience coding qualitative data	CV	Experience analyzing qualitative data
	g a codebook and ensuring high levels inter-coder reliability	adhering to a codebook	participated in a project		On-the-job assessment	Experience conducting qualitative data analysis at MoE
31. Qualitative data	Is able to use at	Is able to use at	Has reviewed at	No experience or	CV	Experience

	T -	Τ -	Τ -		1					
analysis software	least one	least one	least one	knowledge of		analyzing qualitative				
(e.g. Atlas.ti,	qualitative analysis	qualitative	qualitative analysis	qualitative data		data				
Invivo, Dedoose)	software to code	analysis software	software, but has	analysis software						
	qualitative	to code qualitative	not used it for		On-the-job	Experience				
	research project	research project	qualitative data		assessment	conducting				
	without guidance,	with guidance	analysis			qualitative data				
	or to code by hand					analysis at MoE				
Area VIII: Report Writi	Area VIII: Report Writing/Reading									
	3- High	2- Moderate	1- Low	0- No	Tools for	Competency				
	Competency:	Competency:	Competency:	Competency: No	Assessing	Indicators				
	Knowledge of the	Knowledge of the	Vague knowledge	knowledge of	Competency					
	concept and	concept but has	of the concept	the concept						
	demonstrated	only applied it	and limited or no	_						
	experience	with help	experience							
	applying it	•	applying it							
	independently									
32. Presentation of	Able to interpret	Able to interpret	Able to interpret	Unable to	Competency	Provide an example				
quantitative data	and communicate	and communicate	and communicate	interpret and	Questionnaire	of one finding and				
4	the details of	quantitative data	quantitative data	communicate	C	for a two sentence				
	quantitative data	results generally—	analyses only with	quantitative data		presentation				
	results in language	can only present in	help	results		F				
	that is accessible to	a more detailed			Communicatin	Accuracy and clarify				
	those with lower	way with help			g Findings	of presentation				
	levels of research	way with help			Mini-Project	or presentation				
	knowledge				(or shorter					
	Miowicage				exercise on					
					competency					
					questionnaire)					
33. Synthesizing/Pre	Is able to	Is able to help	Has a general idea	No knowledge or	Communicatin	Accuracy and clarify				
senting	synthesize	compile codes into	of what it means to	experience	g Findings	of presentation				
qualitative data	qualitative	possible themes,	compile codes into	synthesizing	Mini-Project	or presentation				
quantative uata	codes/findings into	but cannot present	themes but is	qualitative	(or shorter					
	cohesive themes	them clearly	unable to do so	findings into	exercise on					
	and present them	chem clearly	unable to do so	codes and	competency					
	clearly			themes	questionnaire)					
24 Intermeding	,	Is able to interpret	Is in sonsistantle-			A aguna ay and ala-it				
34. Interpreting	Is able to interpret	Is able to interpret	Is inconsistently	Unable to	Communicatin	Accuracy and clarity				

findings	findings as they relate to the main research questions and literature	findings, but not necessarily as they relate to the main research questions	able to interpret findings	interpret findings	g Findings Mini-Project (or shorter exercise on	of presentation
	review	and literature review			competency questionnaire)	
35. Ability to translate findings into policy recommendation s	Has demonstrated ability to interpret and clearly present what policy recommendations are indicated by the research findings	Is able to make policy recommendations, but they are inconsistently linked to the research findings	Is able to make policy recommendations, but they are not linked to research findings	Unable to make policy recommendation s	Communicatin g Findings Mini-Project (or shorter exercise on competency questionnaire)	Accuracy and clarity of presentation
Areas IX: Research and	Evaluation Project A	ssessment/Review s	kills	1	1	
36. Assessing research findings	Demonstrates a strong understanding of what makes research findings valid and reliable, as well as what claims can be made based on that data, and has demonstrated ability applying that knowledge to assess research findings	Has a good understanding of what makes research findings valid and reliable, as well as what claims can be made, and has applied that knowledge with help	Has a vague understanding of what makes research findings valid and reliable and accuracy in applying that knowledge is inconsistent	Does not know how to assess the validity and reliability of research findings	Research Report Assessment Mini-Project	Accuracy and detail of assessment
37. Assessing a research TOR	Able to asses TOR in detail, including (1) whether the objective of the research is clearly stated, (2) that the	Able to assess the general quality of a TOR, but not necessarily able to specify where it needs to be	Able to assess a TOR, only with help	Unable to assess a TOR	TOR Assessment Mini-Project	Accuracy and detail of assessment

	research is needed, and (3) deliverables are clearly stated and aligned with the research objectives, and (4) realistic and appropriate scope of work (5) sound and realistic timetable is estimated	improved				
38. Assessing a research proposal	Able to assess a research proposal in detail, including (1) the quality of the research questions, (2) lit review & justification for the research, (3) appropriateness of the methodology and data collection tools proposed	Able to assess the general quality of a research proposal, but not necessarily able to specify where it needs to be improved	Able to assess a research proposal, only with help	Unable to assess a research proposal	Research Proposal Mini- Project	Accuracy and detail of assessment
39. Assessing an inception report	Able to assess an inception report in detail, including (1) the appropriateness of the methodology, (2) appropriateness of the data collection tools, and (3)	Able to assess the general quality of an inception report, but not necessarily able to specify where it needs to be improved	Able to assess an inception report, only with help	Unable to assess an inception report	Inception Report Assessment Mini-Project	Accuracy and detail of assessment

	feasibility of the scope of work and timeline					
40. Assessing a research report	Able to assess a research report in detail, including the (1) literature review and justification for the research, (2) validity and reliability of the methodology used, (3) how clearly the findings are communicated, and (4) whether the conclusions drawn are warranted based on the methodology and data collection tools	Able to assess the general quality of a research report, but not necessarily able to specify where it needs to be improved	Able to assess an research report, only with help	Unable to assess an research report	Research Report Assessment Mini-Project	Accuracy and detail of assessment

II. Required Competency Levels for RE&U Staff

**Requires revision based on accurate job descriptions of R&EU Staff

Area I: General Research Knowledge and Experience				
	REU	Evaluation and	Evaluation and	Data

	Manager	Research Specialist	Research Officer	Analyst
1. Difference between quantitative and qualitative research	3	3	2	2
2. Difference between research, evaluation, and monitoring	3	3	3	2
3. Reliability and validity	3	3	2	2
4. Generalizability in quantitative and qualitative research	3	3	2	2
5. Triangulation	3	3	2	2
Area II: General Research Experience				
	REU	Evaluation and	Evaluation and	Data
	Manager	Research Specialist	Research Assistant	Analyst
6. Courses/training in research methods	3	3	1	1
7. Ethical issues in research	3	3	3	3
Area III: Research Project Development/Commissioning a Rese	earch Project			
	REU	Evaluation and	Evaluation and	Data
	Manager	Research Specialist	Research Assistant	Analyst
8. Key steps in the research process	3	3	3	1
9. Assumptions and gaps in existing evidence	3	3	1	0
10. Translating policy questions into research questions	3	3	1	0
11. Synthesizing experience and theory into a cohesive literature review	3	3	1	0
12. Applying research/evaluation designs	3	3	2	0
13. Selecting data collection techniques/tools	3	3	1	0
14. Able to synthesize research questions, literature review, and methodology into a proposal	3	3	2	0
15. Developing a realistic timetable for a research project	3	3	1	0
16. Developing manuals and guidelines	3	3	2	0
Area IV: Measurement and Tools				
17. Theory of Change	3	3	2	2
18. Developing Indicators	3	3	2	2
19. Developing data collection tools	3	3	2	3
Area V: Designing and Managing Data Collection				
	REU Manager	Evaluation and Research Specialist	Evaluation and Research Assistant	Data Analyst
20. Conducting data collection	3	3	3	1
21. Sampling Strategies	3	3	3	1
22. Managing data collection	3	3	0	0

Area VI: Designing, Managing and Conducting Data Entry								
	REU	Evaluation and	Evaluation and	Data				
	Manager	Research Specialist	Research Assistant	Analyst				
23. Database development	2	2	1	3				
24. Data entry	2	2	1	3				
25. Transcription	2	2	1	2				
26. Data quality assurance (control)	3	3	2	2				
Area VII: Designing and Performing Data Analysis								
	REU Manager	Evaluation and Research Specialist	Evaluation and Research Assistant	Data Analyst				
27. Statistics	2	3	2	3				
28. Quantitative data analysis software (e.g. Stata, SPSS, R)	2	3	2	3				
29. Coding qualitative data	2	3	2	3				
30. Knowledge of qualitative data analysis software (e.g. Atlas.ti, Invivo, Dedoose)	2	3	2	3				
Area VIII: Report Writing/Reading								
	REU	Evaluation and	Evaluation and	Data				
	Manager	Research Specialist	Research Assistant	Analyst				
31. Presenting quantitative data	3	3	2	3				
32. Presenting qualitative data	3	3	2	3				
33. Interpreting findings	3	3	1	2				
34. Ability to translate findings into policy recommendations	3	3	1	1				
Area IX: Research and Evaluation Project Assessment/Review	Skills							
35. Assessing research findings	3	3	1	2				
36. Assessing a research TOR	3	3	2	1				
37. Assessing a research proposal	3	3	2	1				
38. Assessing an inception report	3	3	2	1				
39. Assessing a research report	3	3	2	1				
40. Developing manual and guidelines	3	3	2	0				