**Detailed Project Summary: Matched Research Questions, Evaluation Forms,**

**Form Questions, Sample Size and Analysis Plan**

***Process Evaluation Research Questions***

|  |
| --- |
| 1. **What are educators’ experiences with NDEP as an aggregator of resources?**
 |
| 1. **To what extent are educators aware of NDEP, including resources such as Diabetes HealthSense?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Educator Pre Interview  | Q1, Q2a-c; Q5a | n≈5 | Qualitative Thematic Analysis |
| Educator Post Interview  | Q5a,c | n≈5 | Qualitative Thematic Analysis |
| 1. **How do educators use NDEP, including resources such as Diabetes HealthSense?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Educator Pre Interview  | Q3a-c; Q5b | n≈5 | Qualitative Thematic Analysis |
| Educator Post Interview  | Q7h | n≈5 | Qualitative Thematic Analysis |
| 1. **How satisfied are educators with NDEP, including resources such as Diabetes HealthSense?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Educator Pre Interview  | Q4a-d; Q5c-g | n≈5 | Qualitative Thematic Analysis |
| Educator Post Interview  | Q6a-d;Q7a-g | n≈5 | Qualitative Thematic Analysis |

|  |
| --- |
| 1. **To what extent were educators satisfied with the Diabetes HealthSense Train the Trainer session?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Educator Post Interview  | Q1a-b | n≈5 | Qualitative Thematic Analysis |

|  |
| --- |
| 1. **What were the characteristics of the Diabetes HealthSense education program?**
 |
| 1. **In what geographic locations were Diabetes HealthSense education programs held?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Pretest | ID-Site | n≈150 | Univariate descriptive analysis |
| Participant Exit Satisfaction survey | ID-Site | n≈150 | Univariate descriptive analysis |
| Educator Post Interview | Q2b | n≈5 | Qualitative Thematic Analysis |
| 1. **When were the Diabetes HealthSense education programs held?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Exit Satisfaction Survey | Date and Time Stamp | n≈150 | Univariate descriptive analysis |
| Educator Post Interview | Q2c | n≈5 | Qualitative Thematic Analysis |
| 1. **Who participated in the Diabetes HealthSense education programs (populations served, number served)?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Educator Recruitment Screener | Full form | n≈25 | Univariate descriptive analysis |
| Participant Pretest  | Q1-Q3; Q6-7; Q30-40Risk Assessment Score: Q30-33, Q6 -7 | n≈150 | 1. Compute Score
2. Univariate descriptive analysis
 |
| Participant Posttest | Q4 | n≈150 | Univariate descriptive analysis |
| Participant Follow-up Interview | Q1a-b | n≈15 | Qualitative Thematic Analysis |
| Educator Post Interview | Q2e-g | n≈5 | Qualitative Thematic Analysis |

|  |
| --- |
| 1. **To what extent were the Diabetes HealthSense education programs implemented as intended?**
 |
| 1. **To what extent was the number of programs implemented as planned?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Educator Post Interview | Q2a | n≈5 | Qualitative Thematic Analysis |
| 1. **To what extent were activities implemented as planned?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Exit Satisfaction Survey | Q1 | n≈150 | Univariate descriptive analysis |
| Educator Post Interview | Q2d, Q3a-c | n≈5 | Qualitative Thematic Analysis |

|  |
| --- |
| 1. **What were participant’s experiences with the Diabetes HealthSense Education Program?**
 |
| 1. **To what extent were participants satisfied with the Diabetes HealthSense education program?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Exit Satisfaction Survey | Q2a-g; Q3 | n≈150 | Univariate descriptive analysis |
| Participant Follow-up Interview | Q1c-d | n≈15 | Qualitative Thematic Analysis |
| Educator Post Interview | Q4a-b | n≈5 | Qualitative Thematic Analysis |
| 1. **To what ex**t**ent were participants satisfied with their educators?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Exit Satisfaction Survey | Q4a-d | n≈150 | Univariate descriptive analysis |

|  |
| --- |
| 1. **What were participants’ experiences with Diabetes HealthSense and the Diabetes HealthSense resources after the education program and at a one month follow-up?**
 |
| 1. **To what extent did participants intend to use and use Diabetes HealthSense?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Exit Satisfaction Survey | Q5-6; Q12c-d; Q13a-i; Q14 | n≈150 | Univariate descriptive analysis |
| Participant Pretest | Q5a | n≈150 | Univariate descriptive analysis |
| Participant Posttest | Q1a | n≈150 | Univariate descriptive analysis |
| Participant Follow-up Interview | Q4a-b,d | n≈15 | Qualitative Thematic Analysis |
| 1. **To what extent were participants satisfied with the website and the experience of using Diabetes HealthSense as a source of diabetes resources?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Exit Satisfaction Survey | Q7a-h; Q8a-b; Q10-11 | n≈150 | 1. Univariate descriptive analysis
2. Qualitative Thematic Analysis
 |
| Participant Posttest | Q2a | n≈150 | Univariate descriptive analysis |
| Participant Follow-up Interview | Q2a-e | n≈15 | Qualitative Thematic Analysis |
| 1. **To what extent did participants intend to use and use the resources found through Diabetes HealthSense?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Exit Satisfaction Survey | Q12a-b | n≈150 | Univariate descriptive analysis |
| Participant Posttest | Q1b | n≈150 | Univariate descriptive analysis |
| Participant Follow-up Interview | Q4a,c | n≈15 | Qualitative Thematic Analysis |

|  |
| --- |
| 1. **To what extent were participants satisfied with the resources found through Diabetes HealthSense?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Exit Satisfaction Survey | Q9a-e | n≈150 | Univariate descriptive analysis |
| Participant Posttest | Q2b | n≈150 | Univariate descriptive analysis |
| Participant Follow-up Interview | Q5a-b | n≈15 | Qualitative Thematic Analysis |
| Educator Post Interview | Q6d; Q7d | n≈5 | Qualitative Thematic Analysis |

***Outcome Evaluation Research Questions***

|  |
| --- |
| 1. **Do educators increase knowledge, skills and self-efficacy around preventing (PAR) or managing diabetes (PWD)?**
 |
| 1. **Is there an increase in educator knowledge about NDEP as a resource?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Educator Pre Interview | Q2;Q2c | n≈5 | Qualitative Thematic Analysis |
| Educator Post Interview | Q5a-d | n≈5 | Qualitative Thematic Analysis |
| 1. **Is there an increase in educator knowledge of diabetes and lifestyle changes that can help prevent or manage diabetes?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Educator Pre Interview | Q6a-c | n≈5 | Qualitative Thematic Analysis |
| Educator Post Interview | Q8a-b | n≈5 | Qualitative Thematic Analysis |
| 1. **Is there an increase in educator self-efficacy to use NDEP resources such as Diabetes HealthSense with PAR/PWD and other educators?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Educator Pre Interview | Q7a-g | n≈5 | Qualitative Thematic Analysis |
| Educator Post Interview | Q9a-f | n≈5 | Qualitative Thematic Analysis |
| 1. **Is there an increase in educator skill level to use NDEP resources such as Diabetes HealthSense with PAR/PWD and other educators?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Educator Pre Interview | Q8a-g | n≈5 | Qualitative Thematic Analysis |
| Educator Post Interview | Q10a-f | n≈5 | Qualitative Thematic Analysis |

|  |
| --- |
| 1. **Do participants progress through stages of change toward adoption of behaviors that can help prevent or manage diabetes?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Pretest | Q21a-i; Q22SOC Scale: Q21a-i; Q22 | n≈150 | 1. Univariate descriptive analysis
2. Reliability analysis
3. Compute scale
4. Repeated measures analysis with controls
 |
| Participant Posttest | Q18a-i; Q19SOC Scale: Q18a-i; Q19 | n≈150 |
| Participant Follow-up Interview | Q7a-c | n≈15 | Qualitative Thematic Analysis |

|  |
| --- |
| 1. **Do participants increase awareness and use of NDEP resources such as Diabetes HealthSense?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Pretest | Q4a-dAwareness/use scale: Q4a-d | n≈150 | 1. Univariate descriptive analysis
2. Reliability analysis
3. Compute scale
4. Repeated measures analysis with controls
 |
| Participant Posttest | Q3a-dAwareness/use scale: Q3a-d | n≈150 |

|  |
| --- |
| 1. **Do participants make positive changes in their knowledge, self-efficacy, emotional health and behaviors around preventing (PAR) or managing diabetes (PWD)?**
 |
| 1. **Is there an increase in participant knowledge of diabetes and lifestyle changes that can help prevent or manage diabetes?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Pretest | Q8-Q20Knowledge Score: Q8-Q20 | n≈150 | 1. Univariate descriptive analysis
2. Reliability analysis
3. Compute scale
4. Repeated measures analysis with controls
 |
| Participant Posttest | Q5-Q17Knowledge Score: Q5-Q17 | n≈150 |
| Participant Follow-up Interview | Q6a-c | n≈15 | Qualitative Thematic Analysis |
| 1. **Is there an increase in participant self-efficacy of lifestyle changes that can help prevent or manage diabetes?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Pretest | Q24a-i; Q25a-dHealthy Eating SE Scale: Q24a-ePhysical Activity SE Scale: Q24f-iManagement SE Scale: Q25a-d | n≈150 | 1. Univariate descriptive analysis
2. Reliability analysis
3. Compute scale
4. Repeated measures analysis with controls
 |
| Participant Posttest | Q21a-i; Q22a-dHealthy Eating SE Scale: Q21a-ePhysical Activity SE Scale: Q21f-iManagement SE Scale: Q22a-d | n≈150 |
| Participant Follow-up Interview | Q9a-b | n≈15 | Qualitative Thematic Analysis |

|  |
| --- |
| 1. **Is there a decrease in participant emotional distress related to their diabetes or risk of diabetes?**
 |
| **Evaluation Form** | **Form Questions**  | **Sample Size\*** | **Analysis Plan**  |
| Participant Pretest | Q23a-b | n≈150 | 1. Univariate descriptive
2. Repeated measures analysis with controls
 |
| Participant Posttest | Q20a-b | n≈150 |
| Participant Follow-up interview  | Q8a-c | n≈15 | Qualitative Thematic Analysis |
| 1. **Is there an increase in participant behaviors that can help prevent or manage diabetes?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Pretest | Q26a-h; Q27a-e; Q28a-f; Q29a-dHealth Eating Behaviors Scale: Q26a-hPhysical Activity Behaviors Scale: Q27a-eCoping Behaviors Scale: Q28a-fManagement Behaviors: Q29a-d | n≈150 | 1. Univariate descriptive analysis
2. Reliability analysis
3. Compute scale
4. Repeated measures analysis with controls
 |
| Participant Posttest | Q23a-h; Q24a-e; Q25a-f; Q26a-dHealth Eating Behaviors Scale: Q23a-hPhysical Activity Behaviors Scale: Q24a-eCoping Behaviors Scale: Q25a-fManagement Behaviors: Q26a-d | n≈150 |
| Participant Follow-up Interview | Q10a-d | n≈15 | Qualitative Thematic Analysis |

|  |
| --- |
| 1. **Do program outcomes differ by participant subgroups?**
 |
| 1. **Are there subgroup differences in participant change in knowledge of diabetes and behaviors that can help prevent or manage diabetes?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Pretest | Q1; Q5a; Q6; Q30-40; Q8-Q20; Knowledge Score | n≈150 | 1. Bivariate descriptive analysis
2. Repeated measures analysis with controls
 |
| Participant Posttest | Q5-Q17; Knowledge Score | n≈150 |
| 1. **Are there subgroup differences in participant change in self-efficacy to engage in behaviors that can help prevent or manage diabetes?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Pretest | Q1; Q5; Q6-Q9; Q30-40; Q24-Q25; Healthy Eating SE Scale; Physical Activity SE Scale; Management SE Scale | n≈150 | 1. Bivariate descriptive analysis
2. Repeated measures analysis with controls
 |
| Participant Posttest | Q21-Q22; Healthy Eating SE Scale; Physical Activity SE Scale; Management SE Scale | n≈150 |
| 1. **Are there subgroup differences in participant change in behaviors that can help prevent or manage diabetes?**
 |
| **Evaluation Form** | **Form Questions** | **Sample Size\*** | **Analysis Plan** |
| Participant Pretest | Q1; Q5; Q6-Q9; Q30-40; Q26-Q29; Health Eating Behaviors Scale; Physical Activity Behaviors Scale; Coping Behaviors Scale; Management Behaviors Scale | n≈150 | 1. Bivariate descriptive analysis
2. Repeated measures analysis with controls
 |
| Participant Posttest | Q23 - Q26; Health Eating Behaviors Scale; Physical Activity Behaviors Scale; Coping Behaviors Scale; Management Behaviors Scale | n≈150 |

\*Sample Size expected after loss to follow-up