



# **Outcomes and Impact from HRSA HIV/AIDS Special Projects of National Significance Funded Between 1991 and 2002**

**Follow-Up from Two to Nine Years  
After the Funded Period:  
Supplemental Information  
Coding Scheme**

# Overview of this Supplement

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- This presentation includes supplemental technical information describing the methods and results of the study of long-term outcomes and impact from the HRSA HIV/AIDS Special Projects of National Significance funded between 1991 and 2002
- This section describes the coding protocols developed for analysis of project data
- The types of data available from each of the 108 projects are summarized in a separate section of this presentation



# Description of the Coding Scheme

427 Automated Keyword-Categories with  
“Expert” Verification

# Guided Automated Coding: Strategy Used in this Study

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- Primary strategy is to use automated coding rule
- Many of the automated coding rules are quite sophisticated
  - Presence of several different alternate words
  - Partial and alternate spellings
  - Presence of the parts of terms in the same paragraph
- Coded unit is paragraph
- “Guided” refers to the fact that all codes are manually inspected by an “expert” after computer analysis
  - Automated coding using our strategies tends to identify too many paragraphs; some need to be “uncoded”
  - Initial “over-inclusion” was considered the appropriate strategy to use
- The development of the coding system took Dr. Huba a full year, and required reading all materials several times, “equating language and terms” used at different periods in the epidemic, and understanding equivalent ways different investigators describe the same services or outcomes

# Definitions for Coding Process

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- The following slides summarize the coding framework used to analyze data from the various sources identified
- Qualitative analysis performed using NVIVO 2.0 software
  - Tree: General domain of activity
  - Node: Specific subcategories of each domain
  - Keyword: Automated search terms used to identify passages for each node
  - Strategy: Boolean logic or text parameters used for automated search



# **Tree = 1A. Medical Patient Services**

Medical services provided by the grantee  
to the patient

# Guided Automated Searches [1 of 3]

## Tree = 1A. Medical Patient Services

	Node In Tree	Keyword[s]	Strategy
1.	Combination Therapy	AART <u>OR</u> HAART <u>OR</u> Protease Inhibitor <u>OR</u> Active Antiretroviral Therap <u>OR</u> Combination Therap	Boolean, Enclosing Paragraph, Inspect
2.	OI Prophylaxis	[OI <u>NEAR</u> Prophylaxis] <u>OR</u> [Opportunistic Infection <u>NEAR</u> Prophylaxis]	Proximity, Enclosing Paragraph, Inspect
3.	Alternate Therapy	Alternat <u>NEAR</u> Therapy	Proximity, Enclosing Paragraph, Inspect
4.	Medical Appointment	Doctor Visit <u>OR</u> Medical Visit <u>OR</u> Labs <u>OR</u> Nurse Visit <u>OR</u> Doctor Appointment <u>OR</u> Medical Appointment <u>OR</u> Nurse Appointment <u>OR</u> Physician Appointment <u>OR</u> Physician Visit	Boolean, Enclosing Paragraph, Inspect
5.	AZT	AZT <u>OR</u> Zidovudine <u>OR</u> ZDV	Boolean, Enclosing Paragraph, Inspect
6.	HIV Lab Tests	Viral Load <u>OR</u> CD4 <u>OR</u> CD-4 <u>OR</u> Labs <u>OR</u> Laboratory Test	Boolean, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 3]

## Tree = 1A. Medical Patient Services

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
7.	Pharmacy	Pharmac	Text, Enclosing Paragraph, Inspect
8.	Health Status Screening	Health <u>NEAR</u> Screening <u>OR</u> Health <u>NEAR</u> Assessment	Proximity, Enclosing Paragraph, Inspect
9.	Primary Care	Primary <u>NEAR</u> Care	Proximity, Enclosing Paragraph, Inspect
10.	Ophthalmology	Ophtha	Text, Enclosing Paragraph, Inspect
11.	Radiology	Radiology	Text, Enclosing Paragraph, Inspect
12.	Phlebotomy	Phlebotomy	Text, Enclosing Paragraph, Inspect
13.	Colposcopy	Colposcopy	Text, Enclosing Paragraph, Inspect
14.	Specialty Care	Special <u>NEAR</u> Care	Proximity, Enclosing Paragraph, Inspect

# Guided Automated Searches [3 of 3]

## Tree = 1A. Medical Patient Services

Node In Tree	Keyword[s]	Strategy
15. Doctor Visit	Doctor <u>NEAR</u> Visit <u>OR</u> Doctor <u>NEAR</u> Appointment	Proximity, Enclosing Paragraph, Inspect
16. Physician Visit	Physician <u>NEAR</u> Visit <u>OR</u> Physician <u>NEAR</u> Appointment	Proximity, Enclosing Paragraph, Inspect



# **Tree = 1B. Psychosocial Client Services**

Mental health or supportive services  
provided by the grantee to the client

# Guided Automated Searches [1 of 3]

## Tree = 1B. Psychosocial Client Services

Node In Tree	Keyword[s]	Strategy
1. Peer Support	Peer <u>NEAR</u> Support	Proximity, Enclosing Paragraph, Inspect
2. Family Therapy	Family <u>NEAR</u> Therapy <u>OR</u> Family <u>NEAR</u> Counsel	Proximity, Enclosing Paragraph, Inspect
3. Aftercare	Aftercare	Text, Enclosing Paragraph, Inspect
4. Education	Education <u>NEAR</u> HIV	Proximity, Enclosing Paragraph, Inspect
5. Substance Abuse Treatment	Substance <u>NEAR</u> Treatment <u>OR</u> Drug <u>NEAR</u> Treatment <u>OR</u> Substance <u>NEAR</u> Service <u>OR</u> Drug <u>NEAR</u> Service <u>OR</u> Drug <u>NEAR</u> Counseling <u>OR</u> Substance <u>NEAR</u> Counseling	Proximity, Enclosing Paragraph, Inspect
6. Peer Counseling	Peer <u>NEAR</u> Counseling	Proximity, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 3]

## Tree = 1B. Psychosocial Client Services

Node In Tree	Keyword[s]	Strategy
7. Prevention	Prevention <u>NEAR</u> HIV	Proximity, Enclosing Paragraph, Inspect
8. Vocational Training	Vocational <u>NEAR</u> Train	Text, Enclosing Paragraph, Inspect
9. Recreation	Recreation	Text, Enclosing Paragraph, Inspect
10. Relapse Prevention	Relapse <u>NEAR</u> Prevention	Proximity, Enclosing Paragraph, Inspect
11. Counseling Not Peer	Counseling <u>DIFFERENCE</u> Peer Counseling	Boolean, Enclosing Paragraph, Inspect
12. Mental Health	Mental Health Service <u>OR</u> Mental Illness <u>OR</u> Psychotherapy <u>OR</u> Psychiatric	Boolean, Enclosing Paragraph, Inspect
13. Psychosocial Service	Psychosocial <u>NEAR</u> Service	Proximity, Enclosing Paragraph, Inspect
14. Transportation	Transportation <u>NEAR</u> Provide	Proximity, Enclosing Paragraph, Inspect

# Guided Automated Searches [3 of 3]

## Tree = 1B. Psychosocial Client Services

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
15.	Case Management	Case Management <u>NEAR</u> Provide	Proximity, Enclosing Paragraph, Inspect
16.	Perinatal Transmission Counseling	Perinatal <u>NEAR</u> Transmission	Text, Enclosing Paragraph, Inspect
17.	AZT HAART Counseling	AZT <u>NEAR</u> Counsel <u>OR</u> ART <u>NEAR</u> Counsel	Proximity, Enclosing Paragraph, Inspect
18.	Care Plan	Care Plan <u>DIFFERENCE</u> Managed Care Plan	Boolean, Enclosing Paragraph, Inspect
19.	Risk Reduction Counseling	Risk <u>NEAR</u> Reduction	Proximity, Enclosing Paragraph, Inspect
20.	Client Needs Assessment	Needs <u>NEAR</u> Assessment	Proximity, Enclosing Paragraph, Inspect
21.	Pastoral Counseling	Pastoral Counsel <u>OR</u> Spiritual Counsel	Boolean, Enclosing Paragraph, Inspect
22.	Nutritional Counseling	Nutrition <u>NEAR</u> Counsel	Proximity, Enclosing Paragraph, Inspect



# **Tree = 1C. Service Enhancements**

Activities to improve the quality, quantity,  
and access to services provided by the  
grantee

# Guided Automated Searches [1 of 2]

## Tree = 1C. Service Enhancements

	Node In Tree	Keyword[s]	Strategy
1.	Integrated Service	Integrated <u>NEAR</u> Service	Proximity, Enclosing Paragraph, Inspect
2.	Comprehensive Service	Comprehensive <u>NEAR</u> Service	Proximity, Enclosing Paragraph, Inspect
3.	One Stop Shopping	Shopping Model <u>OR</u> Stop Shopping	Boolean, Enclosing Paragraph, Inspect
4.	Quality Improvement	QI <u>OR</u> Quality Improvement	Boolean, Enclosing Paragraph, Inspect
5.	Quality Assurance	QA <u>OR</u> Quality Assurance	Boolean, Enclosing Paragraph, Inspect
6.	Retention	Retention <u>OR</u> Retain Client <u>OR</u> Retain Patient	Boolean, Enclosing Paragraph, Inspect
7.	Multidisciplinary Services	Multidisciplinary <u>OR</u> Multi-disciplinary	Boolean, Enclosing Paragraph, Inspect
8.	Continuity of Care	Continuity <u>NEAR</u> Care	Proximity, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 2]

## Tree = 1C. Service Enhancements

Node In Tree	Keyword[s]	Strategy
9. Quality of Life Assessment	Quality <u>NEAR</u> Life	Proximity, Enclosing Paragraph, Inspect
10. Client Satisfaction Survey	Client <u>NEAR</u> Satisfaction <u>OR</u> Patient <u>NEAR</u> Satisfaction	Proximity, Enclosing Paragraph, Inspect
11. Comprehensive Care	Comprehensive <u>NEAR</u> Care	Proximity, Enclosing Paragraph, Inspect
12. Integrated Care	Integrated <u>NEAR</u> Care	Proximity, Enclosing Paragraph, Inspect



# **Tree = 1D. Provider Types on Staff OR Closely Linked**

Types of providers who gave direct services to clients as part of the project

# Guided Automated Searches [1 of 8]

Tree = 1D. Provider Types on Staff OR Closely Linked

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Physician	Physician <u>OR</u> Doctor	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
2.	Nurse Not Practitioner	Nurse <u>NOT</u> Nurse Practitioner	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
3.	Case Manager	Case Manager	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34

## Guided Automated Searches [2 of 8]

Tree = 1D. Provider Types on Staff OR Closely Linked

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
4.	Nurse Case Manager	Nurse Case Manage	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
5.	Peer Counselor	Peer Counselor <u>OR</u> Peer Advocate <u>OR</u> Peer Educator	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
6.	Nutritionist	Nutritionist <u>OR</u> Dietician	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34

## Guided Automated Searches [3 of 8]

Tree = 1D. Provider Types on Staff OR Closely Linked

Node In Tree	Keyword[s]	Strategy
7. Psychologist	Psychologist	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
8. Psychiatrist	Psychiatrist	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
9. Counselor Not Peer	Counselor <u>DIFFERENCE</u> Peer Counselor	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34

## Guided Automated Searches [4 of 8]

### Tree = 1D. Provider Types on Staff OR Closely Linked

Node In Tree	Keyword[s]	Strategy
10. Private Practice	Private Practice <u>OR</u> Private Physician	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
11. Physician Assistant	Physician's Assistant <u>OR</u> Physician Assistant	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
12. Nurse Practitioner	Nurse Practitioner	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34

## Guided Automated Searches [5 of 8]

Tree = 1D. Provider Types on Staff OR Closely Linked

Node In Tree	Keyword[s]	Strategy
13. Social Worker	Social Work <u>OR</u> MSW	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
14. Dentist	Dentist <u>OR</u> Dental	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
15. Outreach Worker	Outreach Worker <u>OR</u> Outreach Counselor	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34

## Guided Automated Searches [6 of 8]

Tree = 1D. Provider Types on Staff OR Closely Linked

Node In Tree	Keyword[s]	Strategy
16. Pharmacist	Pharmacist	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
17. Pediatrician	Pediatrician	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
18. Research Assistant	Research Assistant <u>OR</u> Research Associate	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34

## Guided Automated Searches [7 of 8]


Tree = 1D. Provider Types on Staff OR Closely Linked

Node In Tree	Keyword[s]	Strategy
19. Data Collection Clerk	Data Collection <u>NEAR</u> Clerk	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
20. Data Entry Clerk	Data Entry <u>NEAR</u> Clerk	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
21. Medical Intern	Medical <u>NEAR</u> Intern	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34

## Guided Automated Searches [8 of 8]

Tree = 1D. Provider Types on Staff OR Closely Linked

Node In Tree	Keyword[s]	Strategy
22. Medical Resident	Medical <u>NEAR</u> Resident	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34
23. Evaluator	Evaluator	Matrix Intersection of Nodes, Profession Type from Tree 35 and Node for Not Trained and Not Referred from Tree 34



## **Tree = 1E. Provider Types to Whom Referrals Are Made or Received**

Types of providers to whom the grantee referred clients

## Guided Automated Searches [1 of 6]

### Tree = 1E. Provider Types to Whom Referrals Are Made or Received [Referral Network]

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Physician	Physician <u>OR</u> Doctor	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
2.	Nurse Not Practitioner	Nurse <u>NOT</u> Nurse Practitioner	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
3.	Case Manager	Case Manager	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
4.	Nurse Case Manager	Nurse Case Manage	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34

## Guided Automated Searches [2 of 6]

### Tree = 1E. Provider Types to Whom Referrals Are Made or Received [Referral Network]

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
5.	Peer Counselor	Peer Counselor <u>OR</u> Peer Advocate <u>OR</u> Peer Educator	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
6.	Nutritionist	Nutritionist <u>OR</u> Dietician	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
7.	Psychologist	Psychologist	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
8.	Psychiatrist	Psychiatrist	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34

## Guided Automated Searches [3 of 6]

### Tree = 1E. Provider Types to Whom Referrals Are Made or Received [Referral Network]

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
9.	Counselor Not Peer	Counselor <u>DIFFERENCE</u> Peer Counselor	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
10.	Private Practice	Private Practice <u>OR</u> Private Physician	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
11.	Physician Assistant	Physician's Assistant <u>OR</u> Physician Assistant	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
12.	Nurse Practitioner	Nurse Practitioner	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34

## Guided Automated Searches [4 of 6]

### Tree = 1E. Provider Types to Whom Referrals Are Made or Received [Referral Network]

Node In Tree	Keyword[s]	Strategy
13. Social Worker	Social Work <u>OR</u> MSW	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
14. Dentist	Dentist <u>OR</u> Dental	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
15. Outreach Worker	Outreach Worker <u>OR</u> Outreach Counselor	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
16. Pharmacist	Pharmacist	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34

## Guided Automated Searches [5 of 6]

### Tree = 1E. Provider Types to Whom Referrals Are Made or Received [Referral Network]

Node In Tree	Keyword[s]	Strategy
17. Pediatrician	Pediatrician	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
18. Research Assistant	Research Assistant <u>OR</u> Research Associate	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
19. Data Collection Clerk	Data Collection <u>NEAR</u> Clerk	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
20. Data Entry Clerk	Data Entry <u>NEAR</u> Clerk	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34

## Guided Automated Searches [6 of 6]

### Tree = 1E. Provider Types to Whom Referrals Are Made or Received [Referral Network]

Node In Tree	Keyword[s]	Strategy
21. Medical Intern	Medical <u>NEAR</u> Intern	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
22. Medical Resident	Medical <u>NEAR</u> Resident	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34
23. Evaluator	Evaluator	Matrix Intersection of Nodes, Profession Type from Tree 35 and Referrals Indicator from Tree 34



## **Tree = 2. Outreach**

Strategies for outreach used by the grantee to increase the number of individuals, targeted groups, or organizations served

# Guided Automated Searches [1 of 2]

## Tree = 2. Outreach

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Street Outreach	Street <u>NEAR</u> Outreach	Proximity, Enclosing Paragraph, Inspect
2.	Agency Outreach	Agenc <u>NEAR</u> Outreach	Proximity, Enclosing Paragraph, Inspect
3.	Community Outreach	Communit <u>NEAR</u> Outreach	Proximity, Enclosing Paragraph, Inspect
4.	Peer Outreach	Peer <u>NEAR</u> Outreach	Proximity, Enclosing Paragraph, Inspect
5.	Outreach Not In Care	Outreach <u>NEAR</u> Not In Care [same paragraph]	Proximity, Enclosing Paragraph, Inspect
6.	Indigenous Leader	Indigenous <u>NEAR</u> Leader	Proximity, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 2]

## Tree = 2. Outreach

Node In Tree	Keyword[s]	Strategy
7. HIV Test	HIV Test <u>OR</u> Counseling <u>and</u> Testing <u>OR</u> Pre-Test Counseling <u>OR</u> Post-Test Counseling <u>OR</u> Pretest Counseling <u>OR</u> Posttest Counseling <u>OR</u> Testing	Boolean, Enclosing Paragraph, Inspect
8. Outreach Materials	Bleach <u>OR</u> Condom	Boolean, Enclosing Paragraph, Inspect



## **Tree = 3. Training on HIV**

Methods used by the grantee to train other providers or agencies about HIV/AIDS or HIV/AIDS services

# Guided Automated Searches [1 of 2]

## Tree = 3. Training on HIV

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Training Project	Training	Text, Enclosing Paragraph, Inspect
2.	Training Of Trainer	Training For Trainer <u>OR</u> T.O.T. [same case] <u>OR</u> Training Of Trainer <u>OR</u> TOT [same case] <u>OR</u> Train the Trainer	Boolean, Enclosing Paragraph, Inspect
3.	Developed Curriculum	Develop <u>NEAR</u> Curricul	Proximity, Enclosing Paragraph, Inspect
4.	Refined Curriculum	Refine <u>NEAR</u> Curricul	Proximity, Enclosing Paragraph, Inspect
5.	Adult Education	Adult <u>NEAR</u> Education <u>OR</u> Adult <u>NEAR</u> Learning	Proximity, Enclosing Paragraph, Inspect
6.	Multimedia	Multimedia <u>OR</u> Multi Media <u>OR</u> Multi-Media	Boolean, Enclosing Paragraph, Inspect
7.	Clinical Practicum	Practicum <u>OR</u> Practica [whole word] <u>OR</u> Preceptor	Boolean, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 2]

## Tree = 3. Training on HIV

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
8.	Internship	Internship <u>OR</u> Intern	Boolean, Enclosing Paragraph, Inspect
9.	Trainer	Trainer	Text, Enclosing Paragraph, Inspect
10.	Technical Assistance	Technical Assistance <u>OR</u> TA [same case] <u>OR</u> T.A. [same case]	Boolean, Enclosing Paragraph, Inspect
11.	Conduct Training	Conduct <u>NEAR</u> Train <u>OR</u> Provide <u>NEAR</u> Train	Proximity, Enclosing Paragraph, Inspect
12.	Distance Learning	Distance Learn <u>OR</u> Teleconference <u>OR</u> Internet Learning <u>OR</u> Web-based Training	Boolean, Enclosing Paragraph, Inspect
13.	Medical Education	Medical <u>NEAR</u> Education <u>OR</u> Medical <u>NEAR</u> Training	Proximity, Enclosing Paragraph, Inspect



# **Tree = 3A. Provider Types Trained**

Types of providers educated by the  
grantee's training efforts

# Guided Automated Searches [1 of 6]

## Tree = 3A. Provider Types Trained

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Physician	Physician <u>OR</u> Doctor	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
2.	Nurse Not Practitioner	Nurse <u>NOT</u> Nurse Practitioner	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
3.	Case Manager	Case Manager	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
4.	Nurse Case Manager	Nurse Case Manage	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34

# Guided Automated Searches [2 of 6]

## Tree = 3A. Provider Types Trained

	Node In Tree	Keyword[s]	Strategy
5.	Peer Counselor	Peer Counselor <u>OR</u> Peer Advocate <u>OR</u> Peer Educator	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
6.	Nutritionist	Nutritionist <u>OR</u> Dietician	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
7.	Psychologist	Psychologist	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
8.	Psychiatrist	Psychiatrist	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34

# Guided Automated Searches [3 of 6]

## Tree = 3A. Provider Types Trained

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
9.	Counselor Not Peer	Counselor <u>DIFFERENCE</u> Peer Counselor	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
10.	Private Practice	Private Practice <u>OR</u> Private Physician	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
11.	Physician Assistant	Physician's Assistant <u>OR</u> Physician Assistant	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
12.	Nurse Practitioner	Nurse Practitioner	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34

# Guided Automated Searches [4 of 6]

## Tree = 3A. Provider Types Trained

	Node In Tree	Keyword[s]	Strategy
13.	Social Worker	Social Work <u>OR</u> MSW	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
14.	Dentist	Dentist <u>OR</u> Dental	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
15.	Outreach Worker	Outreach Worker <u>OR</u> Outreach Counselor	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
16.	Pharmacist	Pharmacist	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34

# Guided Automated Searches [5 of 6]

## Tree = 3A. Provider Types Trained

Node In Tree	Keyword[s]	Strategy
17. Pediatrician	Pediatrician	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
18. Research Assistant	Research Assistant <u>OR</u> Research Associate	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
19. Data Collection Clerk	Data Collection <u>NEAR</u> Clerk	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
20. Data Entry Clerk	Data Entry <u>NEAR</u> Clerk	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34

# Guided Automated Searches [6 of 6]

## Tree = 3A. Provider Types Trained

Node In Tree	Keyword[s]	Strategy
21. Medical Intern	Medical <u>NEAR</u> Intern	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
22. Medical Resident	Medical <u>NEAR</u> Resident	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34
23. Evaluator	Evaluator	Matrix Intersection of Nodes, Profession Type from Tree 35 and Trained Indicator from Tree 34



## **Tree = 4. Infrastructure Development**

Activities to build the grantee organization  
to enhance its ability to provide services  
or meet project goals

# Guided Automated Searches [1 of 2]

## Tree = 4. Infrastructure Development

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Community Advisory Board	Advisory Board <u>OR</u> CAB <u>OR</u> C.A.B.	Boolean, Enclosing Paragraph, Inspect
2.	Fund Raising	Fund Rais <u>OR</u> Fund-Rais	Boolean, Enclosing Paragraph, Inspect
3.	Facility Improvement	Facility <u>NEAR</u> Improvement	Proximity, Enclosing Paragraph, Inspect
4.	Capacity Expansion	Capacity <u>NEAR</u> Expansion	Proximity, Enclosing Paragraph, Inspect
5.	Coalition Formation	Coalition <u>NEAR</u> Formation <u>OR</u> Coalition <u>NEAR</u> Develop <u>OR</u> Coalition <u>NEAR</u> Build	Proximity, Enclosing Paragraph, Inspect
6.	Information Technology	Information Technology <u>OR</u> Management Information System <u>OR</u> MIS	Boolean, Enclosing Paragraph, Inspect
7.	Leadership Development	Leadership <u>NEAR</u> Develop <u>OR</u> Management <u>NEAR</u> Develop	Proximity, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 2]

## Tree = 4. Infrastructure Development

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
8.	Board Development	Board <u>NEAR</u> Develop <u>OR</u> Board <u>NEAR</u> Train	Proximity, Enclosing Paragraph, Inspect
9.	Systems Change	System <u>NEAR</u> Change	Proximity, Enclosing Paragraph, Inspect



# **Tree = 5. Professional Development**

Activities to develop the professional skills  
of the grantee's staff

# Guided Automated Searches

## Tree = 5. Professional Development

	Node In Tree	Keyword[s]	Strategy
1.	Staff Training	Staff <u>NEAR</u> Workshop <u>OR</u> Attend <u>NEAR</u> Workshop <u>OR</u> Attend <u>NEAR</u> Training	Proximity, Enclosing Paragraph, Inspect
2.	Received TA	Receive <u>NEAR</u> TA <u>OR</u> Receive <u>NEAR</u> Technical Assistance	Proximity, Enclosing Paragraph, Inspect
3.	Attended Convention	Attend <u>NEAR</u> Convention <u>OR</u> Attend <u>NEAR</u> Meeting	Proximity, Enclosing Paragraph, Inspect
4.	Organized Meetings	Organize <u>NEAR</u> Session <u>OR</u> Organize <u>NEAR</u> Symposium <u>OR</u> Organize <u>NEAR</u> Meeting	Proximity, Enclosing Paragraph, Inspect



## **Tree = 6. Research OR Evaluation Capacity**

Evidence and outcomes of the grantee's  
ability to conduct research or evaluation

# Guided Automated Searches [1 of 2]

## Tree = 6. Research OR Evaluation Capacity

Node In Tree	Keyword[s]	Strategy
1. Published Paper	Publish <u>NEAR</u> Paper <u>OR</u> Publish <u>NEAR</u> Article	Proximity, Enclosing Paragraph, Inspect
2. Made Presentation	Present <u>NEAR</u> Paper <u>OR</u> Made <u>NEAR</u> Presentation <u>OR</u> Convention <u>OR</u> Poster <u>OR</u> Symposium <u>OR</u> Workshop	Proximity, Enclosing Paragraph, Inspect
3. Designed Instrument	Design <u>NEAR</u> Instrument <u>OR</u> Design <u>NEAR</u> Survey <u>OR</u> Design <u>NEAR</u> Questionnaire	Proximity, Enclosing Paragraph, Inspect
4. Conducted Needs Assessment	Needs Assessment	Text, Enclosing Paragraph, Inspect
5. Conducted Statistical Analysis	Statistic	Text, Enclosing Paragraph, Inspect
6. Attended Seminars OR Workshops	Attend <u>NEAR</u> Seminar <u>OR</u> Attend <u>NEAR</u> Workshop	Proximity, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 2]

## Tree = 6. Research OR Evaluation Capacity

Node In Tree	Keyword[s]	Strategy
7. Wrote Report	Technical <u>NEAR</u> Report <u>OR</u> Grant <u>NEAR</u> Report <u>OR</u> Policy <u>NEAR</u> Report	Proximity, Enclosing Paragraph, Inspect
8. Presented Outcomes	Present <u>NEAR</u> Outcome	Proximity, Enclosing Paragraph, Inspect



# **Tree = 7. Develop Enhanced Models**

Components of enhanced models of care  
used or provided by the grantee

# Guided Automated Searches

## Tree = 7. Develop Enhanced Models

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Innovative Care	Innovative <u>NEAR</u> Care	Proximity, Enclosing Paragraph, Inspect
2.	Capacity Expansion	Capacity <u>NEAR</u> Expansion	Proximity, Enclosing Paragraph, Inspect
3.	Integrated Care	Integrated <u>NEAR</u> Care	Proximity, Enclosing Paragraph, Inspect
4.	Comprehensive Care	Comprehensive <u>NEAR</u> Care	Proximity, Enclosing Paragraph, Inspect
5.	Continuum Of Care	Continuum <u>NEAR</u> Care	Proximity, Enclosing Paragraph, Inspect
6.	Continuity of Care	Continuity <u>NEAR</u> Care	Proximity, Enclosing Paragraph, Inspect



## **Tree = 8. Policy for HIV**

Activities to develop, inform, or affect  
policy for HIV/AIDS services

# Guided Automated Searches

## Tree = 8. Policy for HIV

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Policy Development	Policy <u>NEAR</u> Develop	Proximity, Enclosing Paragraph, Inspect
2.	Developed Priorities	Develop <u>NEAR</u> Priorit	Proximity, Enclosing Paragraph, Inspect
3.	Lobbying	Lobby	Boolean, Enclosing Paragraph, Inspect
4.	Set Standards Of Care	Standard <u>NEAR</u> Care	Proximity, Enclosing Paragraph, Inspect
5.	Wrote Policy Brief	Policy <u>NEAR</u> Brief	Proximity, Enclosing Paragraph, Inspect



# **Tree = 9. Population Targeted Services**

Activities targeted to a specific population

# Guided Automated Searches

## Tree = 9. Population Targeted Services

Node In Tree	Keyword[s]	Strategy
1. Population Targeted	Target Group <u>OR</u> Targeted <u>OR</u> Targetted	Boolean, Enclosing Paragraph, Inspect



# **Tree = 10. Deal with Diversity**

Strategies used to deal with diversity  
among the client population

# Guided Automated Searches [1 of 2]

## Tree = 10. Deal with Diversity

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Diversity	Diversity	Text, Enclosing Paragraph, Inspect
2.	Cultural Sensitivity	Culturally Sensitive <u>OR</u> Cultural Sensitivity	Boolean, Enclosing Paragraph, Inspect
3.	Cultural Appropriateness	Culturally Appropriate <u>OR</u> Cultural Appropriateness	Boolean, Enclosing Paragraph, Inspect
4.	Cultural Competence	Cultural Competence <u>OR</u> Culturally Competent	Boolean, Enclosing Paragraph, Inspect
5.	Eliminate Barriers	Eliminate Barrier <u>OR</u> Remove Barrier	Boolean, Enclosing Paragraph, Inspect
6.	Deal With Disparity	Disparit	Text, Enclosing Paragraph, Inspect
7.	General Culture	Cultur	Text, Enclosing Paragraph, Inspect
8.	Cultural Sensitivity II	Cultur <u>NEAR</u> Sensit	Proximity, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 2]

## Tree = 10. Deal with Diversity

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
9.	Cultural Appropriateness II	Cultur <u>NEAR</u> Appropriat	Proximity, Enclosing Paragraph, Inspect
10.	Cultural Competence II	Cultur <u>NEAR</u> Competen	Proximity, Enclosing Paragraph, Inspect
11.	Eliminate Barriers II	Eliminat <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
12.	Remove Barriers II	Remov <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect



# **Tree = 11. Specific Accomplishments**

Specific professional outcomes of the SPNS project such as formal publications and presentations

# Guided Automated Searches [1 of 2]

## Tree = 11. Specific Accomplishments

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Publication	Publication <u>OR</u> Published	Boolean, Enclosing Paragraph, Inspect
2.	Peer Reviewed Journal	Peer Review <u>OR</u> Peer-Review <u>OR</u> Journal Article	Boolean, Enclosing Paragraph, Inspect
3.	Book OR Chapter	Book <u>OR</u> Chapter	Boolean, Enclosing Paragraph, Inspect
4.	Poster	Poster	Text, Enclosing Paragraph, Inspect
5.	Roundtable	Roundtable <u>OR</u> Round Table	Boolean, Enclosing Paragraph, Inspect
6.	American Public Health Association	APHA <u>OR</u> American Public Health Association	Boolean, Enclosing Paragraph, Inspect
7.	National AIDS Update Conference	NAUC <u>OR</u> AIDS Update Conference	Boolean, Enclosing Paragraph, Inspect
8.	U.S. Conference on AIDS	U.S. Conference <u>OR</u> USAID	Boolean, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 2]

## Tree = 11. Specific Accomplishments

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
9.	International AIDS Conference	International AIDS Conference	Boolean, Enclosing Paragraph, Inspect
10.	Society of Adolescent Medicine	SAM <u>OR</u> Society of Adolescent Medicine	Boolean, Enclosing Paragraph, Inspect
11.	Journal of Adolescent Health	JAH <u>OR</u> Journal of Adolescent Health	Boolean, Enclosing Paragraph, Inspect



## **Tree = 12. Other Dissemination**

Informal dissemination products produced  
by the grantee

# Guided Automated Searches

## Tree = 12. Other Dissemination

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Internet	World Wide Web <u>OR</u> WWW <u>OR</u> Internet <u>OR</u> Web Site <u>OR</u> Knowledge Base	Text, Enclosing Paragraph, Inspect
2.	Presentation	Presentation <u>OR</u> Poster	Boolean, Enclosing Paragraph, Inspect
3.	Newsletter	Newsletter	Text, Enclosing Paragraph, Inspect
4.	Directory	Directory	Text, Enclosing Paragraph, Inspect
5.	Article	Article <u>OR</u> Newspaper <u>OR</u> Magazine	Boolean, Enclosing Paragraph, Inspect
6.	Video	Video	Text, Enclosing Paragraph, Inspect
7.	Audiotape	Audiotape	Text, Enclosing Paragraph, Inspect
8.	CD	CD	Text, Enclosing Paragraph, Inspect



# **Tree = 13. Staff and Students Migrate**

Patterns of grantee Staff and Students' movement within the organization and to other organizations

# Guided Automated Searches

## Tree = 13. Staff and Students Migrate

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Staff Move	Staff <u>NEAR</u> Resign	Proximity, Enclosing Paragraph, Inspect
2.	Student Intern	Intern <u>OR</u> Student, complete words	Boolean, Enclosing Paragraph, Inspect
3.	Staff Move II	Staff <u>NEAR</u> Move	Proximity, Enclosing Paragraph, Inspect
4.	Staff Retention	Staff <u>NEAR</u> Retention	Proximity, Enclosing Paragraph, Inspect
5.	Staff Retention II	Staff <u>NEAR</u> Retain	Proximity, Enclosing Paragraph, Inspect



# **Tree = 14. Awards and Recognitions**

Awards or recognition received by the grantee organization or staff as a result of SPNS funded work

# Guided Automated Searches

## Tree = 14. Awards and Recognitions

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Award	Award	Text, Enclosing Paragraph, Inspect
2.	Recognition	Recognition <u>OR</u> Recognized <u>OR</u> Accolade	Boolean, Enclosing Paragraph, Inspect
3.	Excellence	Excellence	Text, Enclosing Paragraph, Inspect



## **Tree = 15. Formal or Informal Linkages**

Formal or informal linkages made with  
other associations to enhance HIV/AIDS  
services

# Guided Automated Searches

## Tree = 15. Formal or Informal Linkages

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Linkage	Linkage <u>OR</u> Consortium <u>OR</u> Network <u>OR</u> Collaborative	Boolean, Enclosing Paragraph, Inspect
2.	Referral Sources	Refer <u>NEAR</u> Source <u>OR</u> Refer <u>NEAR</u> Agenc <u>OR</u> Refer <u>NEAR</u> Organizat	Proximity, Enclosing Paragraph, Inspect
3.	Partnership	Partnership	Text, Enclosing Paragraph, Inspect
4.	Referral Placements	Referrals	Text, Enclosing Paragraph, Inspect
5.	AIDS Service Organization	AIDS Service Organization <u>OR</u> ASO	Boolean, Enclosing Paragraph, Inspect



## **Tree = 16. Leveraging of SPNS Designation**

Activities to use the SPNS designation to received additional resources to support or expand HIV/AIDS services

# Guided Automated Searches [1 of 4]

## Tree = 16. Leveraging of SPNS Designation

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Grant Received	Grant <u>NEAR</u> Receive <u>OR</u> Grant <u>NEAR</u> Funded <u>OR</u> Grant <u>NEAR</u> Obtained <u>OR</u> Funding <u>NEAR</u> Receive	Proximity, Enclosing Paragraph, Inspect
2.	Grant Application	Grant <u>NEAR</u> Appli <u>OR</u> Grant <u>NEAR</u> Submit <u>OR</u> Proposal <u>NEAR</u> Submit	Proximity, Enclosing Paragraph, Inspect
3.	HRSA NOT SPNS	HRSA OR Health Resources and Services <u>DIFFERENCE</u> SPNS; also Nodes = Grant Received and Grant Application	Boolean, Enclosing Paragraph, Inspect
4.	SPNS	SPNS; also Nodes = Grant Received and Grant Application	Text, Enclosing Paragraph, Inspect
5.	CDC	CDC; also Nodes = Grant Received and Grant Application	Text, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 4]

## Tree = 16. Leveraging of SPNS Designation

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
6.	CSAT	CSAT; also Nodes = Grant Received and Grant Application	Text, Enclosing Paragraph, Inspect
7.	CSAP	CSAP; also Nodes = Grant Received and Grant Application	Text, Enclosing Paragraph, Inspect
8.	CMHS	CMHS; also Nodes = Grant Received and Grant Application	Text, Enclosing Paragraph, Inspect
9.	SAMHSA NOT CSAT NOT CSAP NOT CMHS	SAMHSA <u>DIFFERENCE</u> CSAT, CSAP, CMHS; also Nodes = Grant Received and Grant Application	Boolean, Enclosing Paragraph, Inspect
10.	NIH	NIH; also Nodes = Grant Received and Grant Application	Text, Enclosing Paragraph, Inspect

# Guided Automated Searches [3 of 4]

## Tree = 16. Leveraging of SPNS Designation

Node In Tree	Keyword[s]	Strategy
11. Local	Local <u>NEAR</u> Grant; also Nodes = Grant Received and Grant Application	Proximity, Enclosing Paragraph, Inspect
12. Title I	Title <u>NEAR</u> I; also Nodes = Grant Received and Grant Application	Proximity, Enclosing Paragraph, Inspect
13. Title II	Title <u>NEAR</u> I; also Nodes = Grant Received and Grant Application I	Proximity, Enclosing Paragraph, Inspect
14. Title III	Title <u>NEAR</u> III; also Nodes = Grant Received and Grant Application	Proximity, Enclosing Paragraph, Inspect

# Guided Automated Searches [4 of 4]

## Tree = 16. Leveraging of SPNS Designation

Node In Tree	Keyword[s]	Strategy
15. Title IV	Title NEAR IV; also Nodes = Grant Received and Grant Application	Proximity, Enclosing Paragraph, Inspect
16. AETC	AETC <u>OR</u> AIDS Education and Training Center; also Nodes = Grant Received and Grant Application	Proximity, Enclosing Paragraph, Inspect
17. DRP	DRP <u>OR</u> Dental Reimbursement Program; also Nodes = Grant Received and Grant Application	Proximity, Enclosing Paragraph, Inspect



## **Tree = 17. Collaborations with RWCA Titles**

Involvement with other Ryan White Titles  
or Ryan White funded projects

# Guided Automated Searches

## Tree = 17. Collaborations with RWCA Titles

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Title I	Title <u>NEAR</u> I [whole word]	Text, Enclosing Paragraph, Inspect
2.	Title II	Title <u>NEAR</u> II [whole word]	Proximity, Enclosing Paragraph, Inspect
3.	Title III	Title <u>NEAR</u> III [whole word]	Proximity, Enclosing Paragraph, Inspect
4.	Title IV	Title <u>NEAR</u> IV [whole word]	Proximity, Enclosing Paragraph, Inspect
5.	AETC	AETC <u>OR</u> AIDS Education Training <u>OR</u> AIDS Education and Training	Boolean, Enclosing Paragraph, Inspect
6.	DRP	Dental Reimbursement Program <u>OR</u> DRP	Boolean, Enclosing Paragraph, Inspect
7.	WIN Initiative	WIN [whole word, match case]	Text, Enclosing Paragraph, Inspect



**Tree = 18. Other Changes**

Changes in recruiting staff or clients

# Guided Automated Searches

## Tree = 18. Other Changes

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Easier To Recruit Staff	Staff <u>NEAR</u> Recruit	Proximity, Enclosing Paragraph, Inspect
2.	Easier To Recruit Clients	Client <u>NEAR</u> Recruit <u>OR</u> Patient <u>NEAR</u> Recruit	Proximity, Enclosing Paragraph, Inspect



## **Tree = 19. Underserved Groups**

Underserved groups affected by the  
grantee

# Guided Automated Searches [1 of 4]

## Tree = 19. Underserved Groups

	Node In Tree	Keyword[s]	Strategy
1.	African American	Afr <u>NEAR</u> American <u>OR</u> Black	Proximity, Enclosing Paragraph, Inspect
2.	Hispanic	Hispanic <u>OR</u> Latin [whole word] <u>OR</u> Latino <u>OR</u> Latina <u>OR</u> Puerto	Boolean, Enclosing Paragraph, Inspect
3.	Caribbean	Caribbean	Text, Enclosing Paragraph, Inspect
4.	Haitian	Haitian	Text, Enclosing Paragraph, Inspect
5.	Asian OR Pacific Islander	[Asian <u>NOT</u> Caucasian] <u>OR</u> Pacific Islander <u>OR</u> Chinese <u>OR</u> Japanese	Boolean, Enclosing Paragraph, Inspect
6.	African	African <u>DIFFERENCE</u> African American [inexact search]	Boolean, Enclosing Paragraph, Inspect
7.	Gay Lesbian Bisexual	Gay <u>OR</u> Lesbian <u>OR</u> Bisexual <u>OR</u> GLBT <u>OR</u> GLB	Boolean, Enclosing Paragraph, Inspect
8.	Transgender	Transgender	Text, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 4]

## Tree = 19. Underserved Groups

Node In Tree	Keyword[s]	Strategy
9. Drug Abuser	Drug <u>NEAR</u> Abuse <u>OR</u> Substance <u>NEAR</u> Abuse	Boolean, Enclosing Paragraph, Inspect
10. Alcoholic	Alcohol	Text, Enclosing Paragraph, Inspect
11. Mentally Ill	Mentally Ill <u>OR</u> Psychotic <u>OR</u> Neurotic <u>OR</u> DSM <u>OR</u> Psychiatric <u>OR</u> DSM	Boolean, Enclosing Paragraph, Inspect
12. Homeless	Homeless	Text, Enclosing Paragraph, Inspect
13. Pregnant OR Post-Partum	Pregnant <u>OR</u> Post-Partum	Boolean, Enclosing Paragraph, Inspect
14. Parenting	Parenting	Text, Enclosing Paragraph, Inspect
15. Sexual Victims	[Sexual <u>NEAR</u> victim] <u>OR</u> incest <u>OR</u> [rape <u>DIFFERENCE</u> therapeutic] <u>OR</u> [sexual <u>NEAR</u> abuse]	Boolean, Enclosing Paragraph, Inspect

# Guided Automated Searches [3 of 4]

## Tree = 19. Underserved Groups

Node In Tree	Keyword[s]	Strategy
16. Trauma	Trauma	Text, Enclosing Paragraph, Inspect
17. Incarcerated	Incarcerated <u>OR</u> Prisoner <u>OR</u> Inmate	Boolean, Enclosing Paragraph, Inspect
18. Poor	Indigent	Text, Enclosing Paragraph, Inspect
19. Low SES	[Low (whole word) <u>NEAR</u> SES] OR [Low (whole word) <u>NEAR</u> Income] OR [Below <u>NEAR</u> SES] OR [Lower <u>NEAR</u> SES] OR [Below <u>NEAR</u> Income] OR [Lower <u>NEAR</u> Income]	Proximity, Enclosing Paragraph, Inspect
20. Disenfranchised	Disenfranchis	Text, Enclosing Paragraph, Inspect
21. Children OR Infants	Child <u>NEAR</u> HIV <u>OR</u> Infant <u>NEAR</u> HIV	Proximity, Enclosing Paragraph, Inspect

# Guided Automated Searches [4 of 4]

## Tree = 19. Underserved Groups

Node In Tree	Keyword[s]	Strategy
22. Dual Diagnosis	[Dual (whole word) <u>NEAR</u> Diagnos] OR [Dually (whole word) <u>NEAR</u> Diagnos]	Proximity, Enclosing Paragraph, Inspect
23. Triple Diagnosis	Tripl <u>NEAR</u> Diagnos	Proximity, Enclosing Paragraph, Inspect
24. Immigrant	Immigrant	Text, Enclosing Paragraph, Inspect
25. Border	Border <u>NEAR</u> Mexic	Proximity, Enclosing Paragraph, Inspect
26. Adolescent	Adolescen <u>OR</u> Youth	Boolean, Enclosing Paragraph, Inspect
27. Multiple Diagnosis	Multipl <u>NEAR</u> Diagnos	Proximity, Enclosing Paragraph, Inspect
28. American Indian	American Indian <u>OR</u> Native Alaskan	Boolean, Enclosing Paragraph, Inspect



**Tree = 19A.  
Underserved Groups BY Any  
Barrier Mentioned**

Barriers to care reported or addressed by  
the project as it relates to specific  
underserved groups

# Guided Automated Searches [1 of 7]

## Tree = 19A. Underserved Groups BY Any Barrier Mentioned

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	African American	Afr <u>NEAR</u> American <u>OR</u> Black	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
2.	Hispanic	Hispanic <u>OR</u> Latin <u>OR</u> Puerto	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
3.	Caribbean	Caribbean	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
4.	Haitian	Haitian	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33

## Guided Automated Searches [2 of 7]

### Tree = 19A. Underserved Groups BY Any Barrier Mentioned

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
5.	Asian OR Pacific Islander	Asian <u>OR</u> Pacific Islander <u>OR</u> Chinese <u>OR</u> Japanese	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
6.	African	African <u>DIFFERENCE</u> African American [inexact search]	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
7.	Gay Lesbian Bisexual	Gay <u>OR</u> Lesbian <u>OR</u> Bisexual <u>OR</u> GLBT <u>OR</u> GLB	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
8.	Transgender	Transgender	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33

## Guided Automated Searches [3 of 7]

### Tree = 19A. Underserved Groups BY Any Barrier Mentioned

Node In Tree	Keyword[s]	Strategy
9. Drug Abuser	Drug <u>NEAR</u> Abuse <u>OR</u> Substance <u>NEAR</u> Abuse	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
10. Alcoholic	Alcohol	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
11. Mentally Ill	Mentally Ill <u>OR</u> Psychotic <u>OR</u> Neurotic <u>OR</u> DSM <u>OR</u> Psychiatric <u>OR</u> DSM	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
12. Homeless	Homeless	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33

## Guided Automated Searches [4 of 7]

### Tree = 19A. Underserved Groups BY Any Barrier Mentioned

Node In Tree	Keyword[s]	Strategy
13. Pregnant OR Post-Partum	Pregnant <u>OR</u> Post-Partum	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
14. Parenting	Parenting	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
15. Sexual Victims	Sexual <u>NEAR</u> victim <u>OR</u> incest <u>OR</u> rape <u>OR</u> sexual <u>NEAR</u> abuse	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
16. Trauma	Trauma	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33

## Guided Automated Searches [5 of 7]

### Tree = 19A. Underserved Groups BY Any Barrier Mentioned

Node In Tree	Keyword[s]	Strategy
17. Incarcerated	Incarcerated <u>OR</u> Prisoner <u>OR</u> Inmate	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
18. Poor	Indigent	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
19. Low SES	Low <u>NEAR</u> SES or LOW <u>NEAR</u> Income	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
20. Disenfranchised	Disenfranchis	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33

## Guided Automated Searches [6 of 7]

### Tree = 19A. Underserved Groups BY Any Barrier Mentioned

Node In Tree	Keyword[s]	Strategy
21. Children OR Infants	Child <u>NEAR</u> HIV <u>OR</u> Infant <u>NEAR</u> HIV	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
22. Dual Diagnosis	Dual <u>NEAR</u> Diagnos	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
23. Triple Diagnosis	Tripl <u>NEAR</u> Diagnos	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
24. Immigrant	Immigrant	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33

## Guided Automated Searches [7 of 7]

### Tree = 19A. Underserved Groups BY Any Barrier Mentioned

Node In Tree	Keyword[s]	Strategy
25. Border	Border <u>NEAR</u> Mexic	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
26. Adolescent	Adolescen <u>OR</u> Youth	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
27. Multiple Diagnosis	Multipl <u>NEAR</u> Diagnos	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33
28. American Indian	American Indian <u>OR</u> Native Alaskan	Matrix Intersection of Nodes, Underserved Group from Tree 19 and Node for Any Barrier from Tree 33



# **Tree = 20. Empowerment**

Activities related to empowering clients

# Guided Automated Searches

## Tree = 20. Empowerment

Node In Tree	Keyword[s]	Strategy
1. Empowerment	Empower	Text, Enclosing Paragraph, Inspect



## **Tree = 21. Connections with Staff and Agency**

Connections made between clients and staff or client and grantee agency

# Guided Automated Searches

## Tree = 21. Connections with Staff and Agency

Node In Tree	Keyword[s]	Strategy
1. Bonding	Bond <u>OR</u> Attachment	Text, Enclosing Paragraph, Inspect



## **Tree = 22. Types of Models**

Type of model of HIV/AIDS care used or developed by the grantee

# Guided Automated Searches

## Tree = 22. Types of Models

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Treatment Model	Treatment <u>NEAR</u> Model	Proximity, Enclosing Paragraph, Inspect
2.	Prevention Model	Prevention <u>NEAR</u> Model	Proximity, Enclosing Paragraph, Inspect
3.	Integrated Model	Integrated <u>NEAR</u> Model	Proximity, Enclosing Paragraph, Inspect
4.	Outreach Model	Outreach <u>NEAR</u> Model	Proximity, Enclosing Paragraph, Inspect
5.	Medical Model	Medical <u>NEAR</u> Model	Proximity, Enclosing Paragraph, Inspect
6.	CBO Model	[CBO <u>NEAR</u> Model] <u>OR</u> Community Based Organization Model	Proximity, Enclosing Paragraph, Inspect
7.	Psychosocial Model	Psychosocial <u>NEAR</u> Model	Proximity, Enclosing Paragraph, Inspect
8.	Comprehensive Model	Comprehensive <u>NEAR</u> Model	Proximity, Enclosing Paragraph, Inspect



## **Tree = 23. Evaluation Methods**

Methods used by the grantee to evaluate the projects services, progress, or outcomes

# Guided Automated Searches [1 of 3]

## Tree = 23. Evaluation Methods

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Focus Group	Focus Group	Text, Enclosing Paragraph, Inspect
2.	Interview	Interview	Text, Enclosing Paragraph, Inspect
3.	Questionnaire	Questionnaire	Text, Enclosing Paragraph, Inspect
4.	Survey	Survey	Text, Enclosing Paragraph, Inspect
5.	Needs Assessment	Needs Assessment <u>OR</u> Need Assessment	Boolean, Enclosing Paragraph, Inspect
6.	Statistical	Statistic	Text, Enclosing Paragraph, Inspect
7.	Database	Database <u>OR</u> Data Base	Boolean, Enclosing Paragraph, Inspect
8.	Evaluation Design	Evaluation <u>NEAR</u> Design	Proximity, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 3]

## Tree = 23. Evaluation Methods

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
9.	Evaluation Report	Evaluation <u>NEAR</u> Report	Proximity, Enclosing Paragraph, Inspect
10.	Evaluation Method	Evaluation <u>NEAR</u> Method	Proximity, Enclosing Paragraph, Inspect
11.	Process Data	Process <u>NEAR</u> Data	Proximity, Enclosing Paragraph, Inspect
12.	Process Evaluation	Process <u>NEAR</u> Evaluation	Proximity, Enclosing Paragraph, Inspect
13.	Outcome Evaluation	Outcome <u>NEAR</u> Evaluation	Proximity, Enclosing Paragraph, Inspect
14.	Formative Evaluation	Formative <u>NEAR</u> Evaluation	Proximity, Enclosing Paragraph, Inspect
15.	Summative Evaluation	Summative <u>NEAR</u> Evaluation	Proximity, Enclosing Paragraph, Inspect
16.	Cross-Cutting Evaluation	Cross-Cutting Evaluation <u>OR</u> Crosscutting Evaluation	Boolean, Enclosing Paragraph, Inspect

# Guided Automated Searches [3 of 3]

## Tree = 23. Evaluation Methods

Node In Tree	Keyword[s]	Strategy
17. Multisite Evaluation	Multisite <u>NEAR</u> Evaluation <u>OR</u> Multi-Site <u>NEAR</u> Evaluation	Proximity, Enclosing Paragraph, Inspect
18. National Evaluation	National <u>NEAR</u> Evaluation	Proximity, Enclosing Paragraph, Inspect
19. Chart Review	Chart Review <u>OR</u> Chart Audit	Boolean, Enclosing Paragraph, Inspect
20. The Measurement Group	Measurement Group	Text, Enclosing Paragraph, Inspect



## **Tree = 24. Lessons Learned**

Lessons learned noted by the grantee

# Guided Automated Searches

## Tree = 24. Lessons Learned

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Lessons Learned	Lesson <u>NEAR</u> Learned	Proximity, Enclosing Paragraph, Inspect
2.	Recommendations	Recommendation	Text, Enclosing Paragraph, Inspect
3.	Suggestions	Suggestion	Text, Enclosing Paragraph, Inspect
4.	Lesson #	Lesson #	Text, Enclosing Paragraph, Inspect



## **Tree = 25. Outcome**

Major outcomes reported by the project

# Guided Automated Searches [1 of 2]

## Tree = 25. Outcome

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Project Outcome	Project <u>NEAR</u> Outcome	Proximity, Enclosing Paragraph, Inspect
2.	Clinical Outcome	Clinical <u>NEAR</u> Outcome	Proximity, Enclosing Paragraph, Inspect
3.	Training Outcome	Train <u>NEAR</u> Outcome	Proximity, Enclosing Paragraph, Inspect
4.	Grant Outcome	Grant <u>NEAR</u> Outcome	Proximity, Enclosing Paragraph, Inspect
5.	TA Outcome	TA <u>NEAR</u> Outcome <u>OR</u> Technical Assistance <u>NEAR</u> Outcome	Proximity, Enclosing Paragraph, Inspect
6.	Infrastructure Development Outcome	Infrastructure <u>NEAR</u> Outcome	Proximity, Enclosing Paragraph, Inspect
7.	Outcome	Outcome	Text, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 2]

## Tree = 25. Outcome

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
8.	Medical Outcome	Medical <u>NEAR</u> Outcome	Proximity, Enclosing Paragraph, Inspect
9.	Psychosocial Outcome	Psychosocial <u>NEAR</u> Outcome	Proximity, Enclosing Paragraph, Inspect
10.	Health Outcome	Health <u>NEAR</u> Outcome	Proximity, Enclosing Paragraph, Inspect



## **Tree = 26. Achievement**

Major achievements accomplished by the grantee, SPNS project, or staff

# Guided Automated Searches

## Tree = 26. Achievement

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Project Achievement	Project <u>NEAR</u> Achievement	Proximity, Enclosing Paragraph, Inspect
2.	Agency Achievement	Agency <u>NEAR</u> Achievement	Proximity, Enclosing Paragraph, Inspect
3.	Grant Achievement	Grant <u>NEAR</u> Achievement	Proximity, Enclosing Paragraph, Inspect
4.	Staff Achievement	Staff <u>NEAR</u> Achievement	Proximity, Enclosing Paragraph, Inspect
5.	Accomplishment	Accomplishment	Text, Enclosing Paragraph, Inspect



## **Tree = 27. Adherence**

Activities related to affecting client adherence to care or treatment

# Guided Automated Searches

## Tree = 27. Adherence

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Adherence	Adhere	Text, Enclosing Paragraph, Inspect
2.	Treatment Adherence	Treatment <u>NEAR</u> Adherence <u>OR</u> Treatment <u>NEAR</u> Compliance <u>OR</u> Medication <u>NEAR</u> Adherence	Proximity, Enclosing Paragraph, Inspect



## **Tree = 28. Managed Care**

Activities related to developing or working  
with a managed care model of care

# Guided Automated Searches [1 of 2]

## Tree = 28. Managed Care

	Node In Tree	Keyword[s]	Strategy
1.	Managed Care	Managed <u>NEAR</u> Care <u>OR</u> Capitated <u>NEAR</u> Care	Proximity, Enclosing Paragraph, Inspect
2.	Medicaid Issues	Medicaid Waiver <u>OR</u> 1115 <u>OR</u> Medicare <u>OR</u> Med-I-Cal	Boolean, Enclosing Paragraph, Inspect
3.	Risk Adjustment	Risk <u>NEAR</u> Adjust	Proximity, Enclosing Paragraph, Inspect
4.	Capitation Rate	Capitation Rate <u>OR</u> Per Member Rate <u>OR</u> Negotiated Rate <u>OR</u> Monthly Rate <u>OR</u> Per Member <u>OR</u> Per Month <u>OR</u> PMPM	Boolean, Enclosing Paragraph, Inspect
5.	HMO	HMO [whole word] <u>OR</u> Health Maintenance Organization	Boolean, Enclosing Paragraph, Inspect
6.	Costs	Costs	Text, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 2]

## Tree = 28. Managed Care

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
7.	Billing Database	Billing <u>NEAR</u> database <u>OR</u> billing <u>NEAR</u> data base	Proximity, Enclosing Paragraph, Inspect
8.	Medicaid Managed Care	Medic <u>NEAR</u> Managed Care	Proximity, Enclosing Paragraph, Inspect



## **Tree = 29. Legal Advocacy**

Activities related to the provision of legal  
advocacy services

# Guided Automated Searches

## Tree = 29. Legal Advocacy

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Discrimination	Discrimination	Text, Enclosing Paragraph, Inspect
2.	Legal Advocacy	Legal <u>NEAR</u> Advocacy	Proximity, Enclosing Paragraph, Inspect
3.	Lawsuit	Lawsuit <u>OR</u> Law Suit	Boolean, Enclosing Paragraph, Inspect



## **Tree = 30. End of Life**

Activities related to the provision of end of  
life care

# Guided Automated Searches

## Tree = 30. End of Life

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Hospice Care	Hospice	Text, Enclosing Paragraph, Inspect
2.	Palliative Care	Palliative	Text, Enclosing Paragraph, Inspect
3.	Curative Care	Curative	Text, Enclosing Paragraph, Inspect
4.	End Of Life Care	End Of Life Care <u>OR</u> End-Of-Life-Care <u>OR</u> Terminal Care <u>OR</u> End Stage Care	Boolean, Enclosing Paragraph, Inspect



# **Tree = 31. Full Continuum of Care**

Activities related to developing or providing a full continuum of care

# Guided Automated Searches

## Tree = 31. Continuum of Care

Node In Tree	Keyword[s]	Strategy
1. Continuum Of Care	Continuum <u>NEAR</u> Care	Proximity, Enclosing Paragraph, Inspect



## **Tree = 32. Cost of Care**

Costs related to the provision of care for  
clients

# Guided Automated Searches

## Tree = 32. Cost of Care

Node In Tree	Keyword[s]	Strategy
1. Cost	Cost <u>NEAR</u> Care <u>OR</u> Cost <u>NEAR</u> Service or Cost <u>NEAR</u> Treatment	Proximity, Enclosing Paragraph, Inspect



## **Tree = 33. Problem/Barrier**

Problems or barrier reported or addressed  
by the grantee or client

# Guided Automated Searches [1 of 4]

## Tree = 33. Problem/Barrier

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Transportation	Transportation <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
2.	Staff Retention	Staff Retention <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
3.	Staffing Levels	Staffing <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
4.	Appropriate Materials	Material <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
5.	Lack of Awareness [About Services]	Awareness <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
6.	Lack of Related Services	Related Service <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
7.	Service Capacity	Capacity <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
8.	Stigma	Stigma <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 4]

## Tree = 33. Problem/Barrier

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
9.	Access to Care	Access <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
10.	Retention in Care	Retention <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
11.	Licenses	Licens <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
12.	Mention of Barrier	Barrier [any mention of barriers, whether barriers to clients or project]	Text, Enclosing Paragraph, Inspect
13.	Language	Language <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
14.	Discrimination	Discrimination <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
15.	Gender	Gender <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect

# Guided Automated Searches [3 of 4]

## Tree = 33. Problem/Barrier

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
16.	Cultural	Cultural <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
17.	Immigration	Immigration <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
18.	Service Gaps	Service Gap <u>NEAR</u> Barrier	Text, Enclosing Paragraph, Inspect
19.	Evaluation	Evaluation <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
20.	Childcare	Childcare <u>NEAR</u> Barrier <u>OR</u> Child Care <u>NEAR</u> Barrier [2 searches to same node]	Proximity, Enclosing Paragraph, Inspect
21.	Age	Age <u>NEAR</u> Barrier [age = complete word]	Proximity, Enclosing Paragraph, Inspect
22.	Fear of Disclosure	Disclosure <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect

# Guided Automated Searches [4 of 4]

## Tree = 33. Problem/Barrier

<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
23. Linguistic	Linguistic <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
24. Organizational	Organizational <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
25. Homophobia	Homophobia <u>NEAR</u> Barrier	Proximity, Enclosing Paragraph, Inspect
26. Housing	Housing NEAR Barrier or Homeless NEAR Barrier	Proximity, Enclosing Paragraph, Inspect



**Tree = 34. Miscellaneous**

Additional areas of interest

# Guided Automated Searches [1 of 2]

## Tree = 34. Miscellaneous

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Hepatitis C	Hepatitis <u>NEAR</u> C	Text, Enclosing Paragraph, Inspect
2.	Linkage to ACTG	ACTG	Text, Enclosing Paragraph, Inspect
3.	TB	TB <u>OR</u> tuberculosis	Boolean, Enclosing Paragraph, Inspect
4.	Referral	Referral <u>OR</u> Refer to <u>OR</u> Referred to	Text, Enclosing Paragraph, Inspect
5.	Trained	Training <u>OR</u> Trainee <u>OR</u> Trainer	Boolean, Enclosing Paragraph, Inspect
6.	Hepatitis All	Hepatitis	Text, Enclosing Paragraph, Inspect
7.	Adolescent Trial Network	Adolescent Trial Network <u>OR</u> ATN	Boolean, Enclosing Paragraph, Inspect
8.	HOPWA	HOPWA <u>OR</u> HUD	Text, Enclosing Paragraph, Inspect

# Guided Automated Searches [2 of 2]

## Tree = 34. Miscellaneous

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
9.	Client Patient	Client <u>OR</u> Patient	Boolean, Enclosing Paragraph, Inspect
10.	Transition Plan	Transition <u>OR</u> Continuation <u>OR</u> Renewal	Boolean, Enclosing Paragraph, Inspect
11.	Provider	Not Referral Node AND Not Training Node	Boolean, Enclosing Paragraph, Inspect



## **Tree = 35. Generic Provider Types**

Any providers mentioned by the grantee—this may include providers on staff, providers to whom referrals were made, or providers who were trained

## Guided Automated Searches [1 of 3]

Tree = 35. Generic Provider Types Used for Node Searches [may be on staff, referrals, trained]: Any mentions from automated coding

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
1.	Physician	Physician <u>OR</u> Doctor	Boolean, Enclosing Paragraph, Inspect
2.	Nurse Not Practitioner	Nurse <u>NOT</u> Nurse Practitioner	Difference, Enclosing Paragraph, Inspect
3.	Case Manager	Case Manager	Text, Enclosing Paragraph, Inspect
4.	Nurse Case Manager	Nurse Case Manage	Text, Enclosing Paragraph, Inspect
5.	Peer Counselor	Peer Counselor <u>OR</u> Peer Advocate <u>OR</u> Peer Educator	Boolean, Enclosing Paragraph, Inspect
6.	Nutritionist	Nutritionist <u>OR</u> Dietician	Boolean, Enclosing Paragraph, Inspect
7.	Psychologist	Psychologist	Text, Enclosing Paragraph, Inspect
8.	Psychiatrist	Psychiatrist	Text, Enclosing Paragraph, Inspect

## Guided Automated Searches [2 of 3]

Tree = 35. Generic Provider Types Used for Node Searches [may be on staff, referrals, trained]: Any mentions from automated coding

	<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
9.	Counselor Not Peer	Counselor <u>DIFFERENCE</u> Peer Counselor	Difference, Enclosing Paragraph, Inspect
10.	Private Practice	Private Practice <u>OR</u> Private Physician	Boolean, Enclosing Paragraph, Inspect
11.	Physician Assistant	Physician's Assistant <u>OR</u> Physician Assistant	Boolean, Enclosing Paragraph, Inspect
12.	Nurse Practitioner	Nurse Practitioner	Text, Enclosing Paragraph, Inspect
13.	Social Worker	Social Work <u>OR</u> MSW	Boolean, Enclosing Paragraph, Inspect
14.	Dentist	Dentist <u>OR</u> Dental	Boolean, Enclosing Paragraph, Inspect
15.	Outreach Worker	Outreach Worker <u>OR</u> Outreach Counselor	Boolean, Enclosing Paragraph, Inspect
16.	Pharmacist	Pharmacist	Text, Enclosing Paragraph, Inspect

## Guided Automated Searches [3 of 3]

Tree = 35. Generic Provider Types Used for Node Searches [may be on staff, referrals, trained]: Any mentions from automated coding

<b>Node In Tree</b>	<b>Keyword[s]</b>	<b>Strategy</b>
17. Pediatrician	Pediatrician	Text, Enclosing Paragraph, Inspect
18. Research Assistant	Research Assistant <u>OR</u> Research Associate	Text, Enclosing Paragraph, Inspect
19. Data Collection Clerk	Data Collection <u>NEAR</u> Clerk	Text, Enclosing Paragraph, Inspect
20. Data Entry Clerk	Data Entry <u>NEAR</u> Clerk	Text, Enclosing Paragraph, Inspect
21. Medical Intern	Medical <u>NEAR</u> Intern	Proximity, Enclosing Paragraph, Inspect
22. Medical Resident	Medical <u>NEAR</u> Resident	Proximity, Enclosing Paragraph, Inspect
23. Evaluator	Evaluator	Text, Enclosing Paragraph, Inspect



# Full Final Report

Available at [www.SPNSoutcomes.info](http://www.SPNSoutcomes.info)