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Background

- Data collected from 2002-2006
- Sample comes from NW Virginia, primarily nonurban areas
- Data collection tools include survey, risk assessment forms, HIV test lab slips, interviews, case notes, health and mental health evaluations and screening tools
- Data collected during interventions funded by SAMHSA and VDH. (MSM, ASO, HRYA)

Regional Background

- Predominantly White (approx 80%)
- Predominantly non-urban
- Borders and includes DC and Richmond Metropolitan Statistical Areas (MSA)
- Approximately 50% of all students attending college in Virginia, attend a school in this region
- Three large military bases in this region
- 73% of the area is medically underserved

Background continued

- In 2003, as part of evaluation process, ASG noticed an unusual number of males responding to questions regarding exchanging sex for money or drugs, particularly with substance users, incarcerated men and college students.
- Online interventions with MSM noticed high number of males in chat rooms advertising sexual services in exchange for money.
- ASG made these men a priority to engage in risk reduction interventions.

Background continued

- From Jan 1, 2002-Dec 31, 2006
- 4249 males with high risk behaviors completed risk assessment 621 (14.62%) reported a life-time incidence of exchanging sex for drugs, money, housing or protection, and/or working in the pornography industry (commercial sex trade)
- 357 (8.4%) reported engaging in commercial sex trade in the past year 3 or more incidence (targeted group)

Racial/Ethnic Demographics

African American	81	22.69%
Asian	13	3.64%
Hispanic	51	14.29%
White, Non-Hispanic	212	59.38%
Total	357	100.00%

Demographics- Age by Race/Ethnicity

	14-15	16-17	18-22	23-24	25-29	30-35	Total
African American		3	31	21	15	11	81
Asian		1	9	3	0	0	13
Hispanic	3	6	26	12	3	1	51
White, Non-Hispanic	3	9	72	70	34	24	212
	6	19	138	106	52	36	357

Demographics- Sexual Orientation

	N	Heterosexual	Bisexual	Homosexual	Other
African American	36	24	10	2	0
Asian	5		3	2	
Hispanic	31	14	12	5	
White, Non-Hispanic	176	59	54	53	10

CSW as Primary Income

Of the 357 in the target group, for 248 (69%) commercial sex work was their primary income.

Primary Income= CSW

Primary Income		Total				
	N		18-22	23-24	25-29	30-35
African American	36	36	9	11	8	8
Asian	5	5	2	1	2	
Hispanic	31	31	24	7		
White, Non-Hispanic	176	176	98	30	25	23
		248	133	49	35	31

Demographics- Other Employment (30.5%, n=109)

- Part-time=63 Full-time=46
 - Retail/Service Industry=58
 - Managerial/Administrative=23
 - Active Military=18
 - Sales/Marketing=6
 - Other=4

Primary v Secondary Income from CSW Comparisons

- Income from CSW
 - Mean Annual Income from CSW
 - Primary (Full Time) \$46,000.00
 - Secondary (Part Time) \$16,500.00
- Education
 - Mean Education Attainment
 - Full Time 12.2 years
 - Part Time 15.3 years

Non-CSW Partners

			non csw					
			partners		non csw			
	total		female		partner male		non csw partner both	
African								
American	57	21.20%	32	56.14%	12	21.05%	13	22.81%
White (non-								
hispanic)	167	62.10%	68	40.72%	77	46.11%	22	13.17%
Hispanic	45	16.70%	35	77.78%	7	15.56%	3	6.67%
Total	269	100.00%	135	50.19%	96	35.69%	38	14.13%

Client Characteristics

	n	Primary male clients		Primary female clients	
African American	57	40	70.18%	17	29.82%
White	167	154	92.22%	14	8.38%
Hispanic	45	45	100.00%	0	0.00%
Total	269	239	88.85%	31	11.52%

Primary Exchange

						PE=	
						housing,	
						food,	
		PE=		PE=		safety,	
	n	money		drug		gifts	
African American	57	31	54.39%	22	38.60%	4	7.02%
White	167	144	86.23%	18	10.78%	5	2.99%
Hispanic	45	39	86.67%	2	4.44%	4	8.89%
Total	269	214	79.55%	42	15.61%	13	4.83%

Substance Use- Past Year

				Use of		Use of		Alcohol/	
	Ν	IDU		Cocaine		Methamp		Binge	
African									
American	57	9	15.79%	31	54.40%	16	28.07%	57	100.00%
White									
(non-									
hispanic)	167	4	2.40%	38	22.80%	53	31.74%	166	99.40%
Hispanic	45	4	8.89%	12	26.70%	13	28.89%	45	100.00%
Total	269	17	6.32%	81	30.10%	82	30.48%	268	99.60%

Sexual Risks- Past Year

										UPA,	
								Performed		UPV with	
								UP Oral		known	
				UP				on a male		HIV	
		UP Anal		Vaginal		UP Anal		sex		postitive	
	Ν	as RP	%	as IP	%	IP	%	partner	%	partner	%
African											
American	57	12	21.10%	39	68.42%	27	47.37%	19	33.33%	9	15.79%
White											
(non-											
hispanic)	167	97	58.10%	86	51.50%	84	50.30%	143	85.63%	29	17.37%
Hispanic	45	28	62.20%	32	71.11%	29	64.44%	45	100.00%	6	13.33%
Total	269	137	50.90%	157	58.36%	140	52.04%	207	76.95%	44	16.36%

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History of Mental Illness, Substance Abuse Treatment, Childhood Sexual Assault, Incarceration

					history of		history of		history of	
	total		history of MI		CSA		SAT		incarceration	
African										
American	57	21.20%	9	15.79%	21	36.84%	12	21.05%	17	29.82%
White (non-										
hispanic)	167	62.10%	18	10.78%	74	44.31%	21	12.57%	23	13.77%
Hispanic	45	16.70%	6	13.33%	26	57.78%	2	4.44%	7	15.56%
Total	269	100.00%	33	12.27%	121	44.98%	35	13.01%	47	17.47%

Mental Illness Named by Those who Received Treatment (N=33)

- Depression 57%
- Personality Disorder 21%
- Anxiety Disorder 12%
- PTSD 10%

Characteristics of Childhood Sexual Assault Victims (N=54)

- Average Age of first assault= 11 years old (range 5-16)
- Average number of assaults= 5
- Perpetrator relationship
 - Family Member 40%
 - Friend of Victim or Victim's Family 48%
 - Teacher, Clergy, Authority Figure other than family 7%
 - Stranger 5%

Characteristics of Incarceration (n=47)

- 45 were incarcerated/placed in detention for drug possession
- 2 incarcerated for theft
- None were incarcerated for prostitution

Reasons Given for CSW

- Pay rent/food 42%
- Buy drugs or alcohol 28%
- Pay for school 12%
- Pay other bills 9%
- Extra spending money 5%
- Freedom from financial dependence on parent(s)/family 4%

Income from CSW

- Per hour fee ranged from \$50.00-\$250.00
- Average monthly income from CSW was \$1,325.00 (annual \$15,900.00)
- Average Range was \$200.00- \$5,650.00
 - (Annual income \$2,400-\$67,800)
- 8 reported making over \$100,000 in past year from CSW

Client characteristics

- Sex workers reported their clients as being primarily:
 - Middle aged men (35-55)
 - Traveled a lot for business
 - Married or "discreet due to job"
 - Repeat clients
 - Alcohol users during session

Initiation into CSW

- 43% stated due to seeing adds by other CSW on Internet
- 38% stated they got involved in CSW due to recommendation by friend
- 11% said they were recruited by an agency or "manager"
- 5% said they were forced into it by someone that they owed money to
- 3% said other (worked in strip club, bar, got idea from a movie, saw transactions on street, etc)

Geographical Area where CSW is Practiced

- College Students- most (87%) made trips to Washington DC, Richmond, Norfolk, New York City to practice CSW. They also usually had a "few clients" in the town/city they attended school in.
- Non-College Students- (93%) said they primarily practiced in the area they lived in.

HIV Testing

- Only 26 (9.67%) had been tested for HIV in the past year
 - 23 returned for their results
- 186 (69.14%) had never been tested for HIV that they knew of

Pre/Post HIV Status

				Post		
		Pre		Intervention		
		Intervention		HIV		
		HIV Positive		Postitive		#
	n	Status		Status		Tested
African American	57	5	8.77%	9	15.79%	36
White	167	9	5.39%	14	8.38%	133
Hispanic	45	2	4.44%	3	6.67%	32
Total	269	16	5.95%	26	9.67%	201

Interventions

PCM

- Average duration 5 month
- Sex Drugs and Latex
 - Combines group and individual level sessions
 - Most referred to PCM from this intervention

Preliminary Outcomes

- Sex Drugs Latex
 - 63% tested for HIV
 - 67% reported better negotiation skills
 - 63% discussed
 condom use with at
 least one partner
 - 49% reported increased condom use

- PCM
 - 100% tested for HIV
 - 19% entered drug treatment/support group
 - 86% reported increased condom use
 - 37% reported consistent condom use

Preliminary Outcomes continued

PCM continued

- 73% reported consistent condom use with clients
- 26% referred to mental health counseling
- 16% stopped CSW
- 88% refused a client that did not want to wear a condom

- 82% asked client their HIV status
- 96% carried condoms and lube to each appointment

Conclusions

- Hidden but significant population
- High incidence rates of HIV
- High sexual and drug risks behaviors
- Responds well to risk-reduction interventions
- Interventions need to address current financial status, past CSA, SA, condom negotiation