

**Supplement to HIV and AIDS Surveillance Project (SHAS)
SHAS I Summary Report
June 1, 1990 - August 1, 2000**

Table of Contents

Category	Page
Introduction.....	3
Sociodemographics.....	4
Social and Health Services.....	7
Drug and Alcohol Use.....	11
Sexual Behaviors.....	14
Reproductive and Child Health History.....	16
Preventive Therapy.....	18

INTRODUCTION

The Supplement to HIV and AIDS Surveillance (SHAS) is a collaborative effort between CDC and 16 health departments in the United States. Individuals who receive HIV related care in SE MI and are at least 18 years of age, were invited to a one-time interview to obtain descriptive information. The SHAS study collects information on demographic and socioeconomic characteristics, drug use history, sexual behavior and disease history, reproductive/gynecological history and child health, preventive therapy, and medical and social service use information.

The following is a summary of the SHAS data collected from June 1990-August 2000. Responses have been collected from 2,205 HIV infected individuals. The study was conducted at the infectious disease clinics located in the Detroit Medical Center, Henry Ford Hospital, and Detroit Community Health Connection. All respondents were voluntary participants, and were compensated \$20 for their involvement.

Questions or comments may be directed to Sha Juan Colbert, SHAS Study Coordinator; Email: colbertsha@michigan.gov or Tele: (313) 876-4768.

Note: The percentages that are included in this summary have been calculated by dividing each number by the total number, which is at the top of each column.

The diagnostic status at time of interview:			
	HIV	AIDS	TOTAL
Men	615 (37%)	1044 (63%)	1659 (75%)
Women	326 (60%)	220 (40%)	546 (25%)

HIV/AIDS Sociodemographics

	Men= 1659	Women=546	Total=2205
Race/Ethnicity			
Black	1205 (73%)	466 (85%)	1671 (75%)
White	415 (25%)	54 (10%)	469 (21%)
Hispanic	21 (1%)	16 (3%)	37 (2%)
Race Other/Unknown	18 (1%)	10 (2%)	28 (1%)
Education			
< 12 years	320 (19%)	226 (41%)	546 (25%)
≥ 12 years	1339 (81%)	320 (59%)	1659 (75%)
Employed at time of interview			
Yes	605 (36%)	113 (21%)	718 (33%)
No	1054 (64%)	433 (79%)	1487 (67%)
Annual Household Income			
<\$10,000	704 (42%)	338 (62%)	1042 (47%)
≥\$10,000	809 (49%)	157 (29%)	966 (44%)
Refused/Unknown	146 (9%)	51 (9%)	197 (9%)

HIV/AIDS Sociodemographic Information

	Men= 1659	Women=546	Total=2205
Primary Income Source			
Social Security	775 (47%)	254 (47%)	1029 (47%)
Salary/ Wages	541 (33%)	99 (18%)	640 (29%)
Savings/Investments	17 (1%)	1 (<1%)	18 (<1%)
Family	48 (3%)	25 (5%)	73 (3%)
Friends	6 (<1%)	10 (2%)	16 (<1%)
Pension	32 (2%)	6 (1%)	38 (2%)
Public Assistance	48 (3%)	95 (17%)	143 (6%)
Other/Unknown	190 (11%)	55 (10%)	245 (11%)
Refused	2 (<1%)	1 (<1%)	3 (<1%)

HIV/AIDS Sociodemographic Information

	Men= 1659	Women=546	Total=2205
Proportion Receiving Public Assistance*	924 (56%)	400 (73%)	1324 (60%)
Types of Public Assistance Received*:			
Social Security (SSI)	540 (58%)	222 (56%)	762 (58%)
Food Stamps	539 (58%)	319 (80%)	858 (65%)
Social Security Disability Insurance	311 (34%)	50 (13%)	361 (27%)
Families with Dependent Children	4 (<1%)	132 (33%)	136 (10%)
WIC	0 (0%)	19 (5%)	19 (1%)
Workman's Comp	6 (<1%)	1 (<1%)	7 (<1%)
General Assistance	49 (5%)	15 (4%)	64 (5%)
Unemployment benefits	4 (<1%)	0 (0%)	4 (<1%)
Other	17 (2%)	9 (2%)	26 (2%)
Current Living Situation			
With Family	214 (35%)	78 (41%)	292 (37%)
Alone	210 (35%)	61 (32%)	271 (34%)
With Partner	62 (10%)	17 (9%)	79 (10%)
With Friends	54 (9%)	12 (6%)	66 (8%)
Medical Facility	16 (3%)	6 (3%)	22 (3%)
Shelter/ Streets	20 (3%)	8 (4%)	28 (4%)
Jail	1 (<1%)	0 (0%)	1 (<1%)
Other	28 (5%)	8 (4%)	36 (5%)

*Percentages do not equal 100 because respondents could choose all that apply.

HIV/AIDS Social and Health Services

	Men= 1659	Women=546	Total=2205
Reason For HIV Testing			
Illness	571 (34%)	153 (28%)	724 (33%)
Physician Recommended	240 (14%)	81 (15%)	321 (15%)
Other/Unknown	204 (12%)	114 (20%)	318 (15%)
Sex Partner Contact	154 (9%)	75 (14%)	229 (10%)
Offered in clinic	174 (10%)	52 (10%)	226 (10%)
In Known Risk Group	121 (7%)	24 (4%)	145 (7%)
Blood Donor	60 (4%)	11 (2%)	71 (3%)
Jail Screening	67 (4%)	20 (4%)	87 (4%)
Surgery Pre-op	36 (2%)	14 (3%)	50 (2%)
Military Recruit	18 (1%)	0 (0%)	18 (<1%)
Insurance Exam	12 (<1%)	1 (<1%)	13 (<1%)
Needlestick	2 (<1%)	0 (0%)	2 (<1%)
Amnesty Program	0 (0%)	1 (<1%)	1 (<1%)

HIV/AIDS Social and Health Services

	Men= 1659	Women=546	Total=2205
Location of HIV Testing			
Physician's Office	611 (37%)	142 (26%)	753 (34%)
Hospital Inpatient	441 (27%)	148 (27%)	589 (27%)
Counseling & Testing Site	191 (12%)	54 (10%)	245 (11%)
Other Clinic	169 (10%)	61 (11%)	230 (10%)
Correctional Facility	69 (4%)	22 (4%)	91 (4%)
Blood Bank	54 (3%)	9 (2%)	63 (3%)
TB Clinic	0 (0%)	1 (<1%)	1 (<1%)
STD Clinic	18 (1%)	7 (1%)	25 (1%)
Drug Treatment Clinic	29 (2%)	18 (3%)	47 (2%)
Obstetrics Clinic	0 (0%)	57 (10%)	57 (3%)
Emergency Room	22 (1%)	6 (1%)	28 (1%)
AIDS/ Infectious Disease Clinic	17 (1%)	5 (<1%)	22 (1%)
Family Planning Clinic	0 (0%)	9 (2%)	9 (<1%)
Other/Unknown	36 (2%)	5 (<1%)	41 (2%)
No Response	2 (<1%)	2 (<1%)	4 (<1%)

HIV/AIDS Social and Health Services

	Men= 1659	Women=546	Total=2205
Type of Insurance Coverage			
Medicaid	672 (41%)	359 (66%)	1031 (51%)
Private-Employer	596 (36%)	88 (16%)	684 (31%)
None	154 (9%)	42 (8%)	196 (9%)
Private-Self Pay	55 (3%)	4 (<1%)	59 (3%)
Medicare	53 (3%)	7 (1%)	60 (3%)
State Program	78 (3%)	37 (7%)	115 (5%)
State Funded COBRA	33 (2%)	1 (<1%)	34 (2%)
CHAMPUS	1 (<1%)	0 (0%)	1 (<1%)
Veterans Administration	1 (<1%)	0 (0%)	1 (<1%)
Other	15 (1%)	6 (1%)	21 (1%)
Unknown	1 (<1%)	2 (<1%)	3 (<1%)

HIV/AIDS Social and Health Services

	Men= 1659	Women=546	Total=2205
# of Emergency Room Visits in Past 12 Months			
None	721 (43%)	238 (44%)	959 (43%)
1-9 Visits	903 (54%)	291 (53%)	1194 (54%)
10-19 Visits	23 (2%)	13 (2%)	36 (2%)
20-29 Visits	3 (<1%)	3 (<1%)	6 (<1%)
30 or More Visits	6 (<1%)	0 (0%)	6 (<1%)
Unknown	3 (<1%)	1 (<1%)	4 (<1%)

	Men= 1659	Women=546	Total=2205
Total Weeks in Hospital in Past 12 Months			
None	721 (43%)	238 (44%)	959 (43%)
<1 Week	161 (10%)	54 (10%)	215 (10%)
1-4 Weeks	597 (36%)	139 (25%)	736 (59%)
5-8 Weeks	133 (8%)	42 (8%)	175 (8%)
>8 Weeks	84 (5%)	33 (6%)	117 (5%)
Unknown	3 (<1%)	0 (0%)	3 (<1%)

HIV/AIDS Drug and Alcohol Use

	Men= 1659	Women=546	Total=2205
Potential Alcoholic*	353 (21%)	122 (22%)	475 (22%)
Ever Used Drugs	924 (56%)	355 (65%)	1279 (58%)
Used Non-injected drugs in last 5 years	743 (45%)	270 (49%)	1013 (46%)
Ever Used Crack	480 (29%)	252 (46%)	732 (33%)
Noninjected Drugs Used in Past 5 Years**			
Marijuana	554 (33%)	130 (24%)	684 (31%)
Crack	394 (24%)	213 (39%)	607 (28%)
Heroin	173 (10%)	108 (20%)	281 (28%)
Cocaine	327 (20%)	103 (19%)	430 (20%)
Valium	106 (6%)	46 (8%)	152 (7%)
Speed/Amphetamines	59 (4%)	12 (2%)	71 (3%)
Ice/Glass	18 (1%)	6 (1%)	24 (1%)
PCP/LSD	47 (3%)	5 (<1%)	52 (2%)

*A potential alcoholic is defined as one who answers 'YES' to 2 or more of the 4 **CAGE** questions. These questions are #2-5 on page 6, Module II of the SHAS questionnaire, Fifth Printing.

** Respondents could choose more than one answer.

HIV/AIDS Drug and Alcohol Use

	Men= 1659	Women=546	Total=2205
Ever Injected Drugs	317 (19%)	227 (42%)	544 (25%)
Drugs Injected among those who ever injected*			
Heroin	302 (95%)	216 (95%)	518 (95%)
Speedball	164 (52%)	96 (42%)	260 (12%)
Steroids	1 (<1%)	0 (0%)	1 (<1%)
Barbiturates	8 (3%)	6 (3%)	14 (3%)
Hallucinogens	7 (2%)	7 (3%)	14 (3%)
Other/Unknown	16 (5%)	7 (3%)	20 (4%)
Persons who ever injected and shared needles/works	268 (17%)	183 (34%)	451 (20%)
Persons who injected in past 5 years	131 (8%)	81 (15%)	212 (10%)
Persons who shared needles/works in past 5 years	55 (3%)	34 (6%)	89 (4%)
Persons who shared works and cleaned works in past 5 years	41 (2%)	23 (4%)	64 (3%)
Persons that injected in past year	14 (<1%)	8 (<1%)	22 (1%)
Persons who shared and cleaned works in past year	14 (<1%)	8 (<1%)	22 (1%)

*Percentages do not equal 100 because respondents could choose all that apply.

HIV/AIDS Drug and Alcohol Use

	Men= 1659	Women=546	Total=2205
Potential Alcoholic*	353 (21%)	122 (22%)	475 (22%)
Persons who injected in past 5 years	131 (8%)	81 (15%)	212 (10%)
Persons who used non-injected drugs in past 5 years	743 (45%)	270 (49%)	1013 (46%)
Persons currently in treatment	121 (7%)	93 (17%)	214 (10%)
Persons who have been in treatment in past 5 years	307 (19%)	182 (33%)	489 (22%)
Persons who ever tried but were unable to get into treatment	35 (2%)	29 (5%)	64 (3%)
Reasons why people were unable to get into treatment (of those who tried entry):			
Long waiting list	17 (49%)	14 (48%)	31 (48%)
Financial	7 (20%)	8 (28%)	15 (23%)
Did not meet eligibility criteria	9 (26%)	6 (21%)	15 (23%)

*A potential alcoholic is defined as one who answers 'YES' to 2 or more of the 4 **CAGE** questions. These questions are #2-5 on page 6, Module II of the SHAS questionnaire, Fifth Printing.

HIV/AIDS Sexual Behaviors & Sexual Identity

	Men=814*	Women=284*	Total=1098*
Sexual Identity*			
Homosexual	320 (39%)	0 (0%)	320 (29%)
Heterosexual	308 (38%)	274 (96%)	582 (53%)
Bisexual	145 (18%)	8 (3%)	153 (14%)
Other	16 (2%)	0 (0%)	16 (2%)
Refused to answer	8 (1%)	0 (0%)	8 (<1%)
Not Sure/ Don't Know	14 (2%)	1 (<1%)	15 (1%)
Condom Use w/steady in yr before diagnosis of HIV*			
Never	444 (55%)	207 (73%)	651 (59%)
Sometimes	139 (17%)	38 (13%)	177 (16%)
Usually	59 (7%)	7 (2%)	66 (6%)
Every Time	99 (12%)	25 (9%)	124 (11%)
No Sex	30 (4%)	5 (2%)	35 (3%)
No Steady Partner	40 (5%)	2 (<1%)	42 (4%)
Unknown	3 (<1%)	0 (0%)	3 (<1%)
Condom Use w/ steady in yr. after diagnosis of HIV*			
Never	66 (8%)	41 (14%)	107 (10%)
Sometimes	30 (4%)	25 (9%)	55 (5%)
Usually	35 (4%)	5 (2%)	40 (4%)
Every Time	448 (55%)	144 (51%)	592 (54%)
No Sex	196 (24%)	60 (21%)	256 (23%)
Unknown	39 (5%)	9 (3%)	48 (4%)

* Totals reflect 1995 addition of these questions.

HIV/AIDS Sexual Behaviors

Number Times Treated for STD in last 10 years	Men= 1659	Women=546	Total= 2205
Never	1091 (66%)	380 (70%)	1471 (67%)
1	296 (18%)	81 (15%)	377 (17%)
2-9	257 (15%)	77 (14%)	334 (15%)
≥ 10	10 (<1%)	8 (1%)	18 (<1%)
Missing\Unknown	5 (<1%)	0 (0%)	5 (<1%)

	Men= 1659	Women= 546	Total= 2205
Most recent steady partner is HIV infected	230 (14%)	90 (16%)	320 (15%)
Received money for sex (last 5 years)	87 (5%)	103 (19%)	190 (9%)
Received drugs for sex (last 5 years)	46 (3%)	52 (10%)	98 (4%)
Paid someone for sex	225 (14%)	11 (2%)	236 (11%)

	Women= 546
Women who had Sex with a Man in Last 5 years:	505 (92%)
Women who had Sex with a Woman in Last 5 years:	21 (4%)
	Men= 1659
Men who had sex with a Woman in Last 5 years:	796 (48%)
Men who had sex with a Man in Last 5 years:	981 (59%)

HIV/AIDS Reproductive and Child Health History of Women

	TOTAL=546
Women who had Sex with 1 or more Men in Past 12 Months:	388 (71%)
Birth Control Used During Last Year:	
No Birth Control Used	177 (32%)
Condom	138 (25%)
Tubal Ligation	112 (21%)
Birth control pill	20 (4%)
Other Method	7 (1%)
Abstinence (No Vaginal Sex)	52 (10%)
Hysterectomy	12 (2%)
Depo Provera	9 (2%)
Sponge	2 (<1%)
Foam	4 (<1%)
Cervical cap	3 (<1%)
Norplant	1 (<1%)
Female Condom	3 (<1%)
IUD	1 (<1%)
Rhythm	0 (0%)
Partner Had Vasectomy	1 (<1%)
Withdrawal	0 (0%)

*Percentages do not equal 100 -Respondents could choose multiple responses.

HIV/AIDS Reproductive and Child Health History of Women

	TOTAL=546
Have had a Pregnancy since 1977:	304 (56%)
Mean # of Pregnancies Since 1977:	3.6 (\pm 2.4 SD*)
Mean # of Children Born Alive:	2.5 (\pm 1.8 SD*)

* SD: Standard Deviation-- A summary measure of the differences of each observation from the mean.

PREVENTIVE THERAPY

	Men= 392	Women=172	Total= 564
Never Received ART*	40 (10%)	18 (10%)	58 (10%)
Received ART*	350 (89%)	154 (90%)	504 (89%)
Unknown*	2 (<1%)	0 (0%)	2 (<1%)

Persons taking ART at Time of Interview*	Men= 315	Women=132	Total= 448
Take HIV Meds Exactly as Prescribed*			
Rarely	8 (3%)	3 (2%)	11 (2%)
Sometimes	23 (7%)	6 (5%)	29 (6%)
Usually	66 (21%)	25 (19%)	91 (20%)
Always	214 (68%)	95 (72%)	309 (69%)
Unknown	4 (1%)	4 (3%)	8 (2%)
Doctor Discussed Drug Resistance*	288 (91%)	118 (89%)	406 (91%)
Currently in a Clinical Trial*	40 (13%)	16 (12%)	56 (13%)

	Men= 392	Women= 171	Total= 563
Ever been told had TB**?	35 (9%)	16 (9%)	51 (9%)
Ever been told had PCP***?	86 (22%)	38 (22%)	124 (22%)
Ever been told had MAC****?	21 (5%)	1 (<1%)	22 (4%)

* Data Collection Began April 1997

** Tuberculosis

*** *Pneumocystis carinii* pneumonia

**** *Mycobacterium avium complex*