THE LONG AND WINDING ROAD: FIVE YEARS OF MOSBIRT

MOSBIRT Retreat
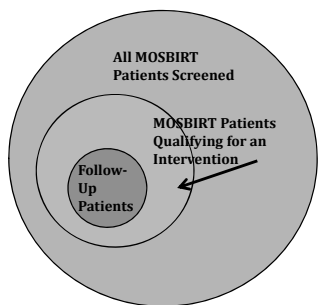Columbia, MO
August 1, 2013
Rita E. Adkins, MPA

MOSBIRT Outcomes:

All MOSBIRT Patients Screened

MOSBIRT Patients Qualifying for an Intervention

Follow-Up Patients

National Survey on Drug Use and Health Results: 2010
Percentage Used Alcohol/Illicit Drug in the Past 30 Days

	US	CO	MO
Alcohol	51.8%	62.7%	50.7%
Drug	8.8%	13.5%	7.7%

MOSBIRT Outcomes:

All MOSBIRT
Patients Screened
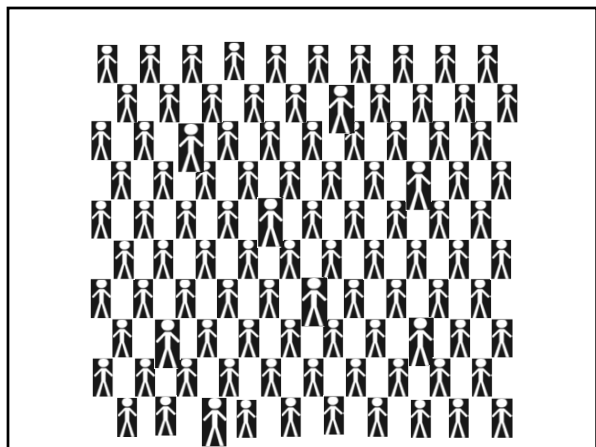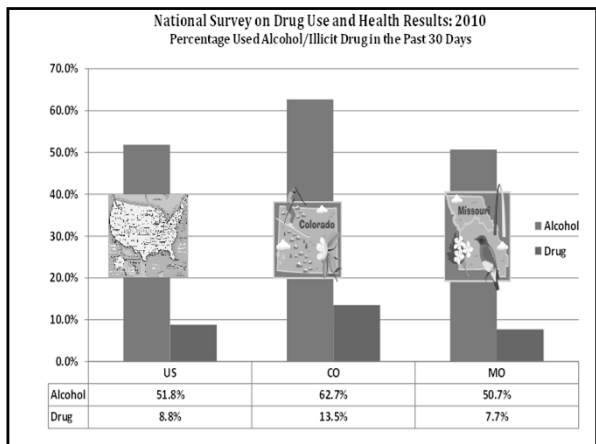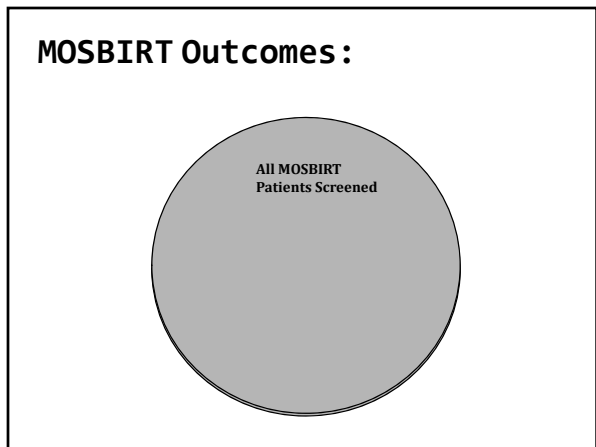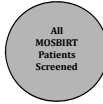
Missouri Patients Screened

- As of 6/30/2013:
  - 96,495 Patients have been screened
  - 8% qualified for an intervention (7,518)
    - Brief Education = 4,843 (5%)
    - Brief Coaching = 1,131 (1%)
    - Referral to Treatment = 1,544 (<2%)
  - Required to Follow 10% of those receiving an intervention
    - 501 Qualified
    - 269 Consented

All MOSBIRT Patients Screened

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MOSBIRT Sites

Legend
SBIRT SITES
- Expansion Sites
- Existing Sites

Springfield
Cox North and South ERs
Skaggs ER
Citizen's Memorial ER

Columbia
Univ. of MO Hospital ER and Inpatient units
Univ. of MO Student Health Center
Family Health Center
Smiley Lane Clinic

St. Louis
Grace Hill Murphy-O'Fallon
Grace Hill Water Tower
Grace Hill Soulard-Benton
Grace Hill South
Grace Hill BJC

Expansion Sites
24 Primary Care Health Homes

MOSBIRT Sites

Region	Screens	BE	BC	RT
Springfield	20,683	1,243	288	382
Columbia	55,439	2,938	678	967
St. Louis	13,254	458	118	142
FQHC	7119 (>40,000*)	204	47	53
Totals	96,495	4,843	1,131	1,544

* More than 40,000 FQHC Patients have been screened, but we are only looking at those that have been uploaded to the Federal System.

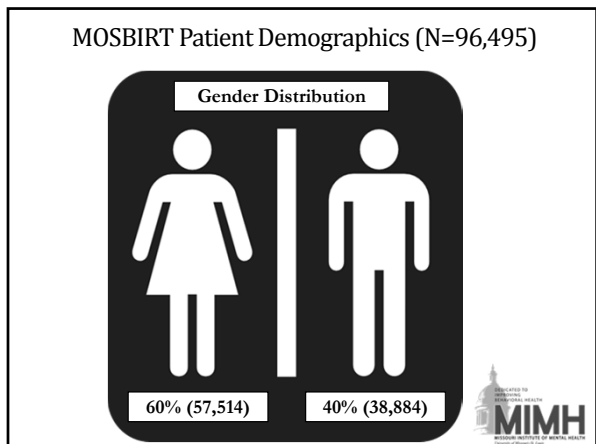## MOSBIRT Patient Demographics (N=96,495)

Gender Distribution

60% (57,514)   40% (38,884)

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MOSBIRT Patient Demographics (N=96,495)—Race

Race	Number	% Total
Black	18911	20.2%
Asian	2072	2.2%
Pacific Islander	149	0.2%
Alaska Native	46	0.0%
White	70744	75.5%
American Indian	1112	1.2%
Multi-Racial	617	0.7%

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MOSBIRT Patient Demographics (N=96,495)—Age

Average Age= 36

Age Group	N	% Total	% Female	% Male
18-24	22,484	23.3%	24.9%	20.9%
25-34	17,924	18.6%	18.7%	18.5%
36-44	15,117	15.7%	15.2%	15.4%
45-54	16,938	17.6%	16.6%	18.9%
55-64	12,539	13.0%	12.8%	13.4%
65+	11,389	11.8%	11.7%	11.9%

MOSBIRT Patient Demographics (N=96,495)

- More likely to be female (60%)
- Racial composition
  - White: 76%
  - Black or African American: 20%
- Average age of 36
  - In 18-24 age group, have higher percentage of females
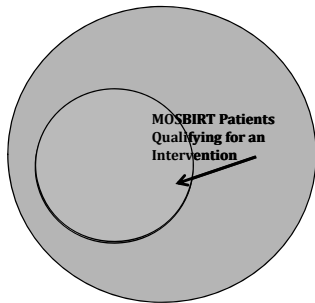 - Males have higher percentage in 45-54 age group

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MOSBIRT Outcomes:

MOSBIRT Patients Qualifying for an Intervention

MOSBIRT Patient Demographics (N=7,518)-Race

Percentage of those qualifying for an Intervention by Race

MOSBIRT Patients Qualifying for an Intervention

Race	BE	BC	RT	% Qualifying
Black	1,050	239	257	8.2%
Asian	23	2	3	1.3%
Pacific Islander	4	1	3	5.4%
Alaska Native	3	0	1	8.7%
White	3,569	841	1,221	8.0%
American Indian	104	20	32	14.0%
Multi-Racial	24	8	2	13.5%

MOSBIRT Patient Demographics (N=7,518)
Substance Use in Past 30 Days

Based on Days Use in Past 30 Days >0

N=2,983   N=4,535

Substance	N	% Total	% Female	% Male
Alcohol	5,370	78.8%	74.2%	81.4%
Binge Drinking	3,612	66.1%	58.6%	70.8%
Marijuana	3,897	54.2%	53.5%	54.7%
Cocaine	400	6.0%	7.0%	5.4%
Heroin	162	2.5%	2.9%	2.3%
Methamphetamine	494	8.9%	9.1%	8.7%
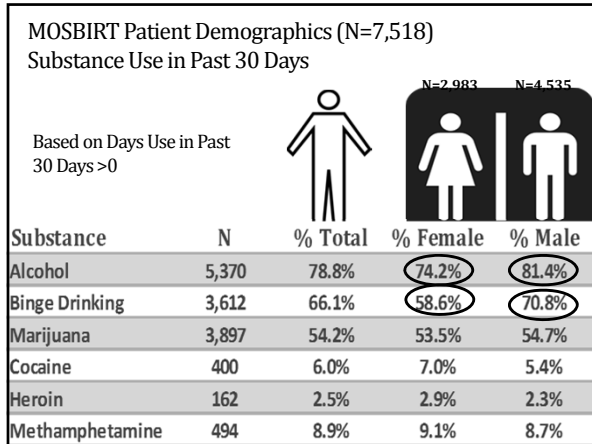
Demographics of MOSBIRT Patients Qualifying for an Intervention (N=7,518)

- More likely to be male (60%)
- Racial composition
  - White: 75%
  - Black or African American: 20%
- Average age of 36
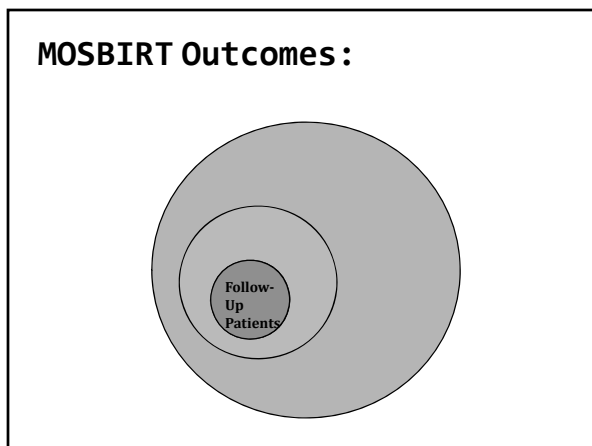- Of the 7,518 that qualified for an intervention, Drug of choice is alcohol (79%) followed by marijuana (54%)

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MOSBIRT Outcomes:

Follow-Up Patients

MOSBIRT Follow-Up Patient Demographics (N=195)

Gender Distribution

Follow-Up Patients

46% (90)   54% (105)

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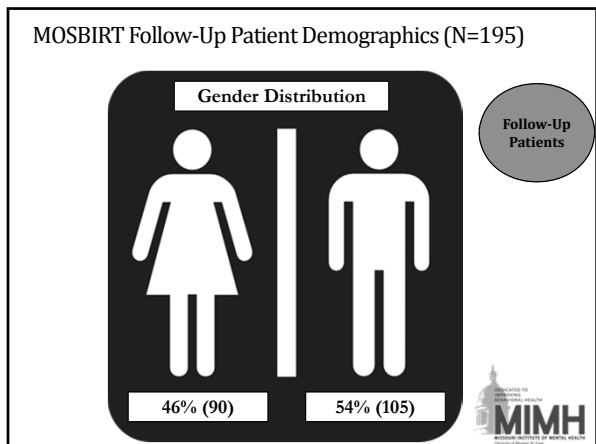
MOSBIRT Follow-Up Patient Qualifying/Consenting for Follow-Up

Qualifying for Follow-Up (N=501)				Consenting to be Followed (N=269)			
Tx Rec	Number	% Total	% F	% M	Number	% Consented	% F	% M
BE	319	63.7%	38.2%	61.8%	157	49.2%	42.7%	57.3%
BC	82	16.4%	32.9%	67.1%	49	59.8%	40.8%	59.2%
RT	100	20.0%	53.0%	47.0%	63	63.0%	54.0%	46.0%

Note: The table above has combined headers; columns are: Tx Rec, Number, % Total, % F, % M (Qualifying) and Number, % Consented, % F, % M (Consenting).

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MOSBIRT Patient Outcomes (N=195)

MOSBIRT Average Days Use in Past 30 Days
All Sites Thru June 30, 2013
N=195

All statistically significant <.01

	Alcohol (n=198)	Binge Drinking (n=130)	Alcohol & Drugs (n=36)	Illegal Drugs (n=146)	Marijuana (n=144)
Intake	9.41	7.65	6.81	6.81	6.21
6-Mo	4.25	5.11	3.33	3.33	3.89
% Change	55%	33%	51%	51%	37%

(Based on 6 month follow-up of days used substances in past 30 days)

National Outcome Measures

Abstinence (Did not use alcohol/drugs past 30 days) **increased 530%** (n=195)

Employed/In School (Currently working/in school past 30 days) **increased 25.8%** (n=75)

Experienced no Health/Behavioral Consequences (past 30 days) **increased 56.81%** (n=74)

Crime & Criminal Justice (Past 30 days arrests) **decreased 13.1%** (n=71)

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MOSBIRT Follow-up Patient Demographics (N=195)

- More likely to be male (54%)
- Racial composition
  - White: 71%
  - Black or African American: 23%
- Average age of 36.8
- Drug of choice is alcohol (86%) followed by marijuana (74%)

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ACHIEVE

ACA and SBI within FQHC's

"

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Sustaining SBIRT in MO

- Goal to continue SBI after grant funding ends

  - A 2008 DMH report estimated societal costs for substance abuse to be $7 billion annually

  - It makes sense to address risky use before it progresses to abuse

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Sustaining SBIRT in MO

- Goal to continue SBI after grant funding ends
  - Numerous studies indicate cost savings of $3.81 to $5.60 for each dollar invested in screening for risky use

  - The most promising approach to sustaining SBI services is for MO HealthNet to fund the State Medicaid codes already on the state's fee schedule

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Sustaining SBIRT in MO

- Prepared report that examines all 50 states and the status of its Medicaid fee schedule
  - Currently 22 states with Medicaid or CPT codes open for SBI reimbursement
  - There are 29 states that have Health and Behavior Assessment/Intervention codes used for SBI
- MO HealthNet and the Govenor's office have agreed to proceed with funding the HBAI and SBI codes at a minimum for FQHC's and CMHC's

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Questions?

This has been an MIMH Production

www.mosbirt.org
For more information on the MOSBIRT program, please call Barbara Keehn, Project Director, at (314) 877-6445

Story Time