

Supplemental Table 1: Proportion of PrEP Users with STI Test by follow-up time and type of test (State A, B)

Characteristic	State A												State B															
	Any STI				Syphilis				Chlamydia/Gonorrhea				Any STI				Syphilis				Chlamydia/Gonorrhea							
	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2				
Age group	26.9	31.8	40.9	47.1	7.7	13.6	27.3	29.4	23.1	27.3	40.9	47.1	-	-	-	-	-	-	-	-	-	-	-	-	25.0	41.7	50.0	66.7
16-19	26.9	31.8	40.9	47.1	7.7	13.6	27.3	29.4	23.1	27.3	40.9	47.1	-	-	-	-	-	-	-	-	-	-	-	-	25.0	41.7	50.0	66.7
20-24	31.3	50.0	62.5	58.3	18.8	31.3	31.3	33.3	18.8	25.0	43.8	41.7	33.3	50.0	66.7	77.8	33.3	41.7	50.0	55.6	25.0	41.7	50.0	66.7	25.0	41.7	50.0	66.7
25-29	13.6	42.9	57.1	52.6	9.1	33.3	42.9	42.1	13.6	28.6	47.6	42.1	21.4	38.5	50.0	55.6	7.1	23.1	28.6	33.3	21.4	38.5	50.0	55.6	21.4	38.5	50.0	55.6
30-34	30.8	50.0	65.4	66.7	19.2	46.2	57.7	62.5	23.1	26.9	50.0	50.0	33.3	33.3	58.3	54.5	25.0	25.0	50.0	45.5	25.0	25.0	50.0	45.5	25.0	25.0	50.0	45.5
35-39	18.2	45.5	45.5	55.6	0.0	18.2	27.3	33.3	18.2	36.4	36.4	44.4	30.8	41.7	46.2	44.4	30.8	41.7	46.2	44.4	30.8	33.3	46.2	44.4	30.8	33.3	46.2	44.4
40-64	6.7	14.8	25.9	26.9	3.3	7.4	14.8	15.4	3.3	7.4	18.5	19.2	20.8	41.7	58.3	63.6	16.7	20.8	50.0	54.5	16.7	37.5	50.0	54.5	16.7	37.5	50.0	54.5
Race/Ethnicity																												
Non-Hispanic White	16.7	32.1	42.9	42.9	3.3	21.4	28.6	38.1	16.7	21.4	39.3	38.1	23.9	29.5	45.7	50.0	17.4	22.7	37.0	42.1	21.7	27.3	39.1	42.1	21.7	27.3	39.1	42.1
Non-Hispanic Black	22.2	37.9	53.0	55.2	13.9	27.3	37.9	39.7	13.9	21.2	37.9	39.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hispanic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	20.7	42.9	46.4	42.9	6.9	25.0	32.1	28.6	20.7	32.1	42.9	39.3	26.1	47.8	65.2	70.6	17.4	30.4	43.5	41.2	21.7	39.1	60.9	70.6	21.7	39.1	60.9	70.6
Sex																												
Female	22.9	38.0	51.1	50.6	11.5	23.9	33.7	35.8	17.7	25.0	41.3	40.7	22.2	50.0	66.7	75.0	22.2	25.0	55.6	62.5	11.1	37.5	55.6	62.5	11.1	37.5	55.6	62.5
Male	14.3	35.5	41.9	46.2	5.7	29.0	35.5	38.5	11.4	19.4	32.3	34.6	27.1	39.1	55.7	58.9	20.0	27.5	42.9	44.6	24.3	34.8	50.0	53.6	24.3	34.8	50.0	53.6
Eligibility group																												
Children (16-19)	26.9	31.8	40.9	47.1	7.7	13.6	27.3	29.4	23.1	27.3	40.9	47.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Disabled Adults	17.8	31.8	43.2	43.2	8.9	20.5	31.8	31.8	15.6	22.7	36.4	36.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medicaid Expansion Adults	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.1	38.8	55.1	59.3	20.3	28.4	44.9	48.1	23.2	34.3	49.3	53.7	23.2	34.3	49.3	53.7
Non-disabled, non-expansion adults	20.0	43.9	56.1	56.5	11.7	33.3	38.6	43.5	13.3	22.8	40.4	39.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Living Area																												
Urban	22.7	38.2	49.0	49.4	10.9	27.5	36.3	39.1	17.3	22.5	38.2	37.9	28.1	47.3	64.9	68.1	21.1	30.9	50.9	53.2	24.6	41.8	61.4	63.8	24.6	41.8	61.4	63.8
Rural	5.3	31.6	42.1	44.4	5.3	15.8	26.3	27.8	5.3	26.3	36.8	38.9	22.7	22.7	36.4	41.2	18.2	18.2	27.3	29.4	18.2	18.2	22.7	29.4	18.2	18.2	22.7	29.4
Total, N	20.6	37.4	48.8	49.5	9.9	25.2	34.1	36.4	16.0	23.6	39.0	39.3	26.6	40.3	57.0	60.9	20.3	27.3	44.3	46.9	22.8	35.1	50.6	54.7	22.8	35.1	50.6	54.7

Notes: 12m v1 = required 150 days enrollment of Medicaid enrollment, 12m v2 = required 335 days of Medicaid enrollment

Supplemental Table 2: Proportion of PrEP Users with STI Test by follow-up time and type of test (State C, D)

Characteristic	State C												State D												
	Any STI				Syphilis				Chlamydia/Gonorrhea				Any STI				Syphilis				Chlamydia/Gonorrhea				
	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2	
Age group																									
16-19	52.8	68.6	80.0	81.8	25.0	54.3	68.6	69.7	52.8	65.7	80.0	81.8	41.1	57.1	69.6	58.9	35.7	50.0	64.3	53.6	30.4	39.3	55.4	50.0	
20-24	50.0	74.6	77.8	75.5	42.2	65.1	74.6	71.7	45.3	68.3	74.6	73.6	41.7	50.0	58.3	54.2	29.2	29.2	45.8	45.8	20.8	41.7	50.0	45.8	
25-29	55.2	75.7	81.6	84.1	49.5	72.8	78.6	83.0	49.5	70.9	81.6	84.1	40.9	50.0	59.1	50.0	31.8	45.5	54.5	45.5	22.7	27.3	36.4	27.3	
30-34	58.9	74.1	79.6	84.1	48.2	59.3	68.5	72.7	51.8	68.5	72.2	75.0	61.9	61.9	81.0	76.2	47.6	57.1	71.4	66.7	42.9	38.1	61.9	61.9	
35-39	44.0	63.8	74.5	75.0	34.0	55.3	68.1	72.5	40.0	55.3	68.1	67.5	26.7	33.3	60.0	53.3	6.7	20.0	33.3	26.7	20.0	26.7	60.0	53.3	
40-64	39.1	49.0	67.3	68.4	29.1	45.2	59.6	61.1	32.7	45.2	59.6	60.0	35.7	40.5	61.9	57.1	23.8	31.0	50.0	45.2	33.3	38.1	50.0	45.2	
Race/Ethnicity																									
Non-Hispanic White	45.8	61.0	69.9	73.2	38.0	56.6	65.4	68.8	39.4	55.9	64.0	66.1	34.7	40.3	59.7	50.0	23.6	31.9	51.4	41.7	29.2	31.9	47.2	38.9	
Non-Hispanic Black	53.4	69.1	78.6	78.5	38.9	59.5	69.8	70.7	50.4	65.9	77.8	77.6	42.2	55.4	67.5	62.7	34.9	48.2	57.8	54.2	25.3	34.9	53.0	49.4	
Hispanic	55.6	80.8	88.5	90.5	51.9	76.9	84.6	90.5	48.2	73.1	88.5	90.5	-	-	-	-	-	-	-	-	-	-	-	-	
Others	47.1	67.0	78.0	77.9	37.2	57.6	71.2	72.1	41.3	60.2	71.2	71.2	55.0	55.0	75.0	65.0	35.0	35.0	60.0	50.0	40.0	50.0	60.0	60.0	
Sex																									
Female	54.3	73.6	84.6	83.9	37.2	62.6	72.5	74.7	51.1	67.0	81.3	80.5	44.4	50.4	66.7	61.5	29.9	40.2	56.4	51.3	32.5	35.9	52.1	47.9	
Male	47.7	64.4	73.7	75.2	39.5	58.1	68.9	70.7	41.9	59.7	69.2	70.3	34.9	49.2	63.5	52.4	31.7	41.3	54.0	44.4	23.8	38.1	52.4	46.0	
Eligibility group																									
Children (16-19)	52.8	68.6	80.0	81.8	25.0	54.3	68.6	69.7	52.8	65.7	80.0	81.8	41.1	57.1	69.6	58.9	35.7	50.0	64.3	53.6	30.4	39.3	55.4	50.0	
Disabled Adults Medicaid Expansion	40.6	51.7	69.0	70.4	34.4	44.8	62.1	63.0	28.1	41.4	62.1	63.0	47.9	54.2	70.8	66.7	33.3	41.7	54.2	52.1	41.7	50.0	66.7	62.5	
Adults Non-disabled, non- expansion adults	50.0	67.8	76.3	77.8	41.8	60.9	70.7	73.0	44.8	62.5	71.6	72.6	-	-	-	-	-	-	-	-	-	-	-	-	
44.0	64.0	76.0	73.9	28.0	60.0	68.0	69.6	40.0	64.0	76.0	73.9	38.6	42.9	61.4	54.3	25.7	34.3	52.9	45.7	22.9	27.1	42.9	37.1		
Living Area																									
Urban	50.0	66.9	76.9	78.0	40.3	60.3	71.2	73.3	44.8	62.0	72.8	73.6	42.4	51.4	68.1	60.4	30.6	41.7	57.6	50.7	29.9	37.5	53.5	47.9	
Rural	38.9	60.0	65.7	68.8	22.2	42.9	51.4	53.1	36.1	57.1	62.9	65.6	36.1	44.4	55.6	50.0	30.6	36.1	47.2	41.7	27.8	33.3	47.2	44.4	
Total, N	49.2	66.5	76.1	77.3	39.0	59.1	69.7	71.7	43.9	61.3	71.9	72.8	41.1	50.0	65.6	58.3	30.6	40.6	55.6	48.9	29.4	36.7	52.2	47.2	

Notes: 12m v1 = required 150 days enrollment of Medicaid enrollment, 12m v2 = required 335 days of Medicaid enrollment

Supplemental Table 3: Proportion of PrEP Users with STI Test by follow-up time and type of test (State E, F)

Characteristic	State E												State F															
	Any STI				Syphilis				Chlamydia/Gonorrhea				Any STI				Syphilis				Chlamydia/Gonorrhea							
	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2	% 3m	% 6m	%12m v1	%12m v2				
Age group	36.4	54.5	54.5	54.5	27.3	36.4	45.5	45.5	36.4	54.5	54.5	54.5	31.3	37.5	37.5	37.5	12.5	18.8	25.0	25.0	31.3	37.5	37.5	37.5	42.9	42.9	57.1	57.1
16-19	36.4	54.5	54.5	54.5	27.3	36.4	45.5	45.5	36.4	54.5	54.5	54.5	31.3	37.5	37.5	37.5	12.5	18.8	25.0	25.0	31.3	37.5	37.5	37.5	42.9	42.9	57.1	57.1
20-24	-	-	-	-	-	-	-	-	-	-	-	-	50.0	57.1	57.1	57.1	35.7	50.0	50.0	50.0	42.9	42.9	57.1	57.1	57.1	57.1	57.1	57.1
25-29	23.5	47.1	47.1	41.2	23.5	29.4	29.4	29.4	17.6	47.1	47.1	41.2	33.3	75.0	75.0	75.0	16.7	41.7	50.0	50.0	25.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
30-34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35-39	16.7	33.3	66.7	66.7	8.3	16.7	50.0	50.0	16.7	25.0	58.3	58.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40-64	6.3	25.0	50.0	43.8	6.3	25.0	43.8	37.5	0.0	12.5	37.5	31.3	36.4	40.9	59.1	59.1	36.4	40.9	54.5	54.5	27.3	27.3	50.0	50.0	50.0	50.0	50.0	50.0
Race/Ethnicity																												
Non-Hispanic White	19.2	30.8	53.8	53.8	19.2	19.2	38.5	38.5	19.2	30.8	53.8	53.8	18.2	36.4	54.5	54.5	9.1	27.3	45.5	45.5	18.2	31.8	54.5	54.5	54.5	54.5	54.5	54.5
Non-Hispanic Black	30.0	52.5	57.5	50.0	17.5	35.0	42.5	40.0	22.5	45.0	50.0	42.5	30.4	47.8	69.6	69.6	21.7	26.1	47.8	47.8	26.1	43.5	65.2	65.2	65.2	65.2	65.2	65.2
Hispanic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-	-	-	-	51.5	54.5	45.5	45.5	36.4	45.5	42.4	42.4	39.4	42.4	39.4	39.4	39.4	39.4	39.4	39.4
Sex																												
Female	25.9	50.0	61.1	57.4	20.4	35.2	46.3	44.4	20.4	44.4	55.6	51.9	40.0	54.3	71.4	71.4	25.7	37.1	57.1	57.1	31.4	42.9	65.7	65.7	65.7	65.7	65.7	65.7
Male	19.0	23.8	42.9	38.1	9.5	14.3	33.3	33.3	19.0	23.8	42.9	38.1	32.6	41.9	41.9	41.9	23.3	32.6	34.9	34.9	27.9	37.2	39.5	39.5	39.5	39.5	39.5	39.5
Eligibility group																												
Children (16-19)	36.4	54.5	54.5	54.5	27.3	36.4	45.5	45.5	36.4	54.5	54.5	54.5	31.3	37.5	37.5	37.5	12.5	18.8	25.0	25.0	31.3	37.5	37.5	37.5	42.9	42.9	57.1	57.1
Disabled Adults Medicaid Expansion Adults	9.5	23.8	52.4	52.4	9.5	19.0	38.1	38.1	4.8	14.3	42.9	42.9	37.5	50.0	65.6	65.6	31.3	43.8	56.3	56.3	31.3	43.8	62.5	62.5	62.5	62.5	62.5	62.5
Non-disabled, non-expansion adults	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27.9	48.8	58.1	51.2	18.6	32.6	44.2	41.9	23.3	46.5	55.8	48.8	36.7	50.0	53.3	53.3	23.3	33.3	43.3	43.3	26.7	36.7	46.7	46.7	46.7	46.7	46.7	46.7	
Living Area																												
Urban	26.3	45.6	52.6	49.1	17.5	29.8	40.4	38.6	24.6	43.9	50.9	47.4	38.5	50.8	58.5	58.5	29.2	38.5	49.2	49.2	30.8	41.5	53.8	53.8	53.8	53.8	53.8	53.8
Rural	17.6	35.3	70.6	64.7	17.6	29.4	52.9	52.9	5.9	23.5	58.8	52.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total, N	24.0	42.7	56.0	52.0	17.3	29.3	42.7	41.3	20.0	38.7	52.0	48.0	35.0	47.0	55.0	55.0	24.0	35.0	45.0	45.0	29.0	40.0	51.0	51.0	51.0	51.0	51.0	51.0

Notes: 12m v1 = required 150 days enrollment of Medicaid enrollment, 12m v2 = required 335 days of Medicaid enrollment