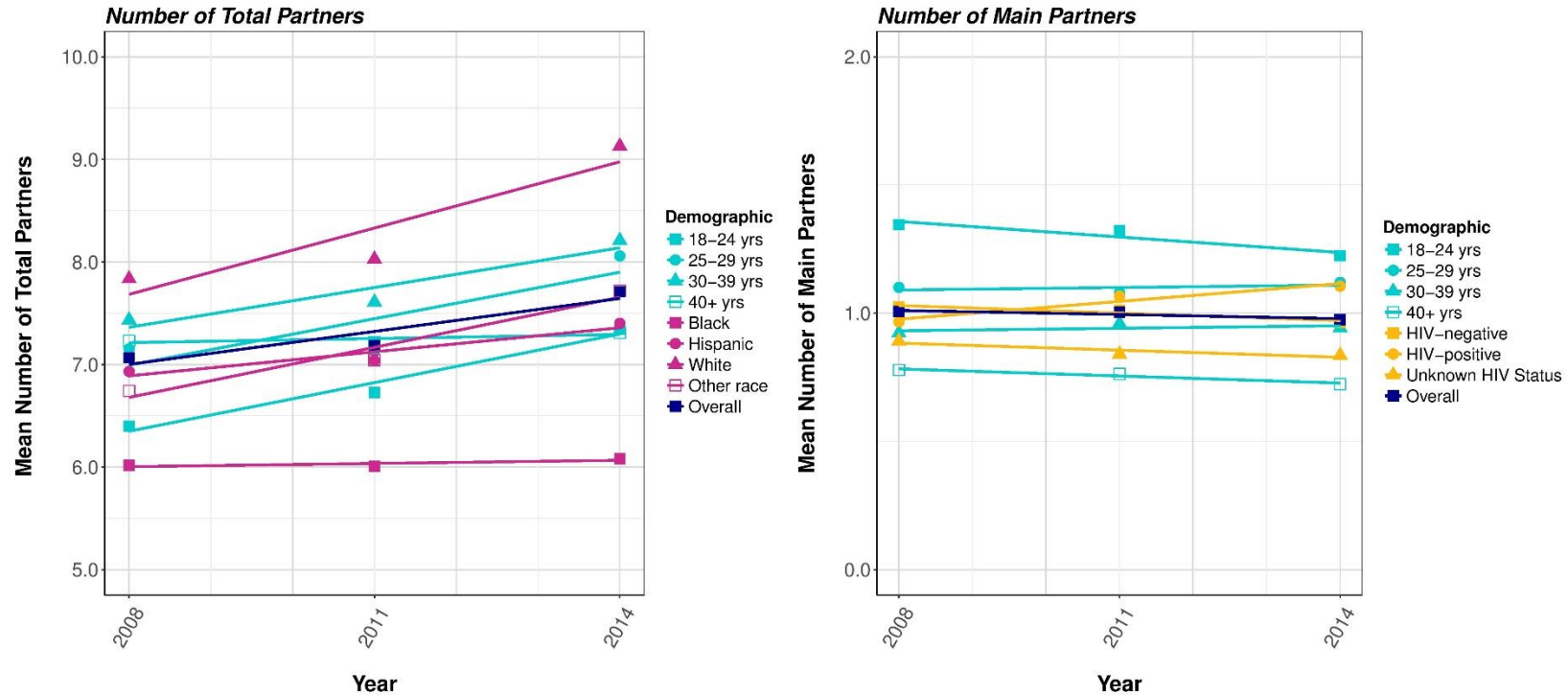


Supplementary Digital Content

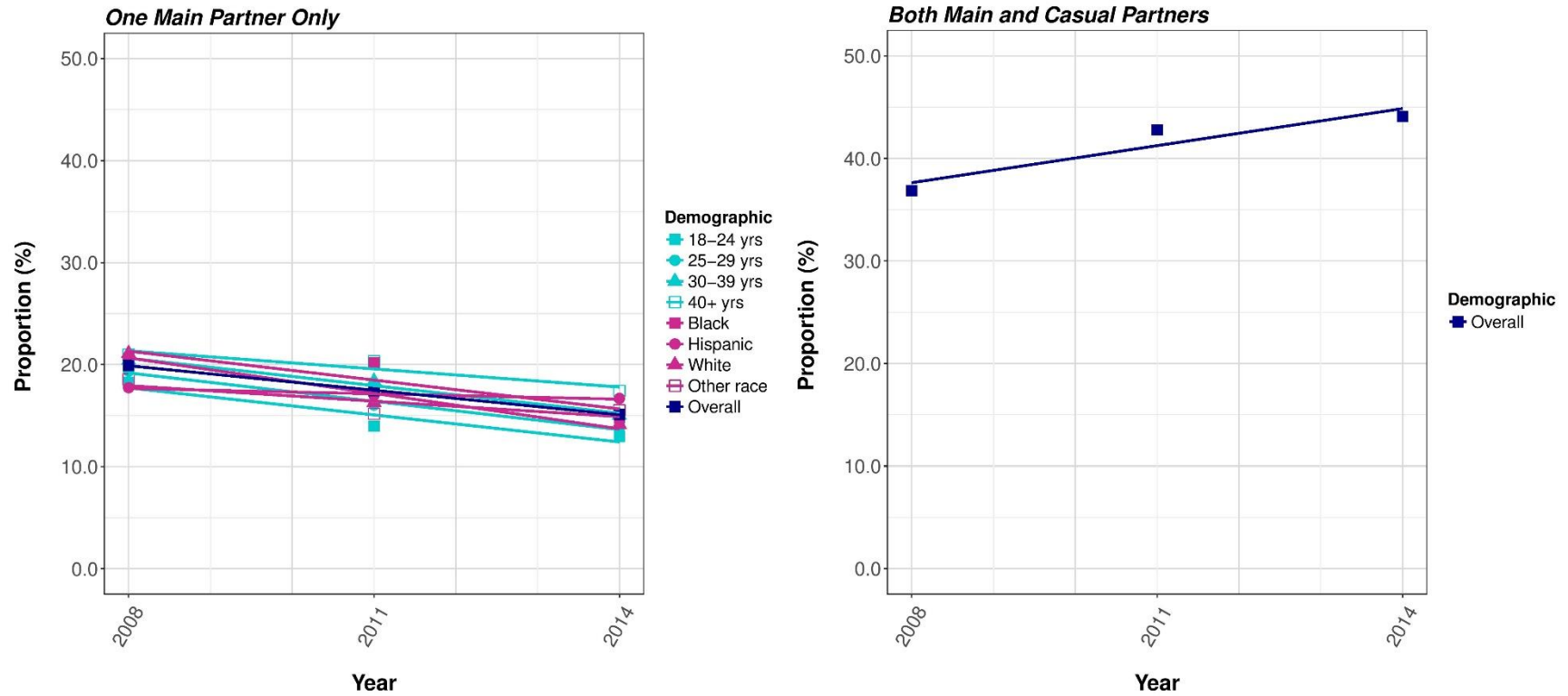
Figure A. Trends in the Number of Total and Main Partners in the Past 12 Months among Men Who Have Sex With Men—National HIV Behavioral Surveillance, 21 cities, United States, 2008-2014



Notes:

1. Overall trends are shown in dark blue.
2. Trends for variables with significant interactions with time ($p < 0.05$) are shown as trends stratified by each level of the respective variable. These significant interactions may differ for each outcome.
3. “Black” refers to Black/African American, “Hispanic” refers to Hispanic/Latino, and “Other race” includes American Indian, Alaska Native, Asian, Native Hawaiian, other Pacific Islander, and mixed race. Hispanic/Latinos can be of any race.

Figure B. Trends in the Proportion of Men Who Have Sex With Men with One Main Partner Only or with Both Main and Casual Partners in the Past 12 Months—National HIV Behavioral Surveillance, 21 cities, United States, 2008-2014



Notes:

1. Overall trends are shown in dark blue.
2. Trends for variables with significant interactions with time ($p < 0.05$) are shown as trends stratified by each level of the respective variable. These significant interactions may differ for each outcome.
3. “Black” refers to Black/African American, “Hispanic” refers to Hispanic/Latino, and “Other race” includes American Indian, Alaska Native, Asian, Native Hawaiian, other Pacific Islander, and mixed race. Hispanic/Latinos can be of any race.

**Table A. Trends in Condomless Anal Sex by Partner Typology among Men Who Have Sex With Men—
National HIV Behavioral Surveillance, 21 cities, United States, 2008-2014**

CONDOMLESS ANAL SEX AMONG MSM WITH ONE MAIN ^{4,5} PARTNER ONLY IN PAST 12 MONTHS									
2008 (N=1841)		2011 (N=1608)		2014 (N=1448)		Overall (N=4897)			
						Estimated Round Percent Change ^{1,2}	95% CI	P-value	Inter. ³ P-value
	n	%	n	%	n	%			
Age (yrs)									0.35
18-24	199	52.8	168	51.2	173	68.4	13.7	6.4, 21.5	<0.01
25-29	201	60.7	161	57.5	209	72.3	9.7	3.2, 16.5	<0.01
30-39	286	54.7	250	62.3	259	69.8	12.9	7.0, 19.2	<0.01
≥40	290	47.5	318	53.1	286	53.5	6.4	0.5, 12.7	0.03
Race/Ethnicity									0.95
Black/African American	193	43.1	217	43.3	200	50.9	9.2	1.4, 17.5	0.02
Hispanic/Latino ⁷	219	55.4	258	63.1	297	70.6	11.5	5.6, 17.7	<0.01
White	492	58.0	362	60.7	362	69.8	10.0	5.2, 15.1	<0.01
Other ⁸	72	48.3	60	58.8	68	59.1	12.3	1.0, 24.9	0.03
Self-reported HIV status									0.95
HIV-negative	782	55.3	719	58.6	739	68.1	10.5	6.8, 14.4	<0.01
HIV-positive	91	44.8	90	40.5	126	48.7	8.8	-1.7, 20.4	0.10
Unknown	103	46.2	88	55.7	62	60.2	11.4	0.2, 23.7	0.04
Total	976	53.0	897	55.8	927	64.0	10.4	6.9, 13.9	<0.01
CONDOMLESS ANAL SEX AMONG MSM WITH BOTH MAIN ⁵ AND CASUAL ⁶ PARTNERS IN PAST 12 MONTHS									
2008 (N=3406)		2011 (N=3941)		2014 (N=4219)		Overall (N=11566)			
						Estimated Round Percent Change ^{1,2}	95% CI	P-value	Inter. ³ P-value
	n	%	n	%	n	%			
Age (yrs)									0.75
18-24	625	69.5	861	71.5	784	77.4	5.7	2.8, 8.6	<0.01
25-29	552	73.7	629	75.4	866	80.8	5.2	2.5, 8.0	<0.01
30-39	658	69.0	688	73.7	884	79.6	7.1	4.3, 10.0	<0.01
≥40	514	63.9	657	67.7	749	73.1	6.9	3.4, 10.5	<0.01
Race/Ethnicity									0.74
Black/African American	479	64.9	652	64.9	790	71.3	5.0	1.5, 8.6	<0.01
Hispanic/Latino ⁷	624	70.3	802	75.1	886	79.8	6.2	3.4, 9.0	<0.01
White	1035	70.3	1168	74.5	1336	80.7	7.0	4.8, 9.3	<0.01
Other ⁸	211	68.5	213	70.5	271	78.6	7.6	2.8, 12.7	<0.01

– Table A continued –

– Table A continued –

Self-reported HIV status										
HIV-negative	1823	68.7	2223	71.5	2548	77.3	6.4	4.6, 8.3	<0.01	0.30
HIV-positive	292	69.0	408	76.4	570	81.0	8.1	4.3, 12.1	<0.01	
Unknown	234	71.3	204	68.2	165	75.0	2.6	-2.8, 8.4	0.35	
Total	2349	69.0	2835	71.9	3283	77.8	6.3	4.7, 8.0	<0.01	

¹Estimated Round Percent Change = estimated 3-year percent change in number of partners.

²ERPC is adjusted for age, race, HIV status, and city and accounts for clustering by recruitment event.

³Interaction p-value.

⁴“Only 1 main partner” refers to MSM reporting only 1 main partner and 0 casual partners in the past year.

⁵Main partners refer to “men with whom the participant has had sex and feels committed to above anyone else.”

⁶Casual partners refer to “men with whom the participant has had sex yet does not feel committed to or does not know very well.”

⁷Hispanics/Latinos can be of any race.

⁸Other races include American Indian, Alaska Native, Asian, Native Hawaiian, other Pacific Islander, and mixed race.