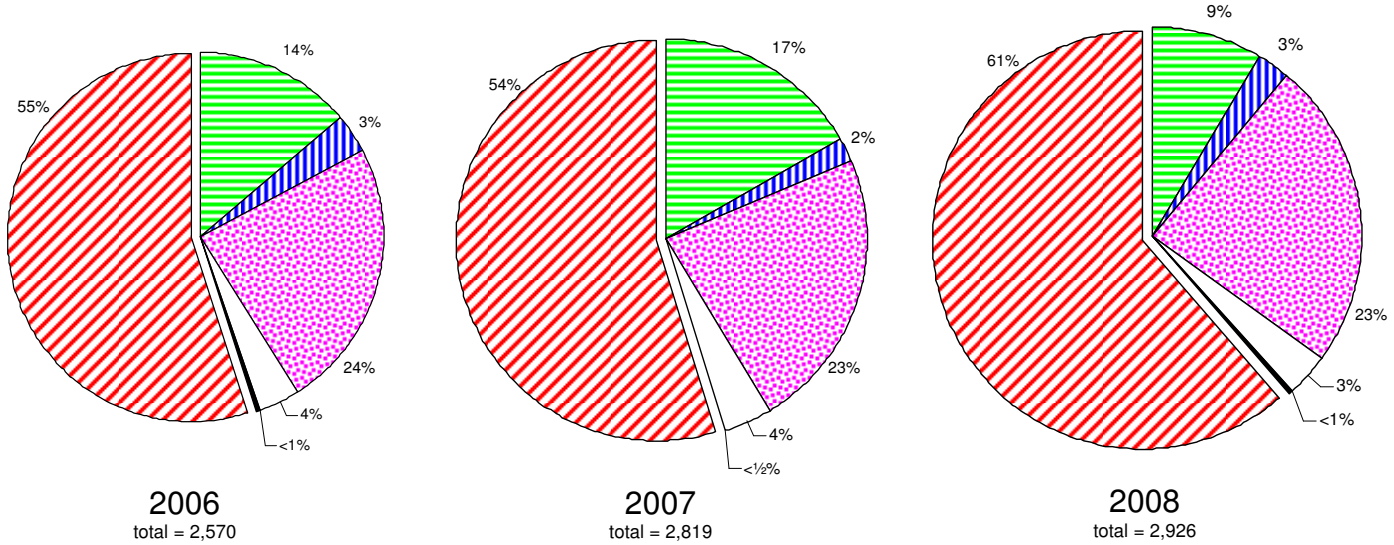
ATTACHMENT 9
PIE CHART OF HIV/AIDS CASE DISTRIBUTION: 2006-2008

Estimated distribution of newly-diagnosed HIV/AIDS cases in Georgia, 2006-2008:

Based on patients for whom sufficient self-reported risk factor information was available to categorize by target populations for HIV prevention



Source: Data request obtained 8/5/10. HIV Epidemiology Unit, Division of Public Health, Georgia Department of Community Health. See data tables shown on next pages.
[1]For the purposes of this illustration, "MSM" includes unduplicated cases of MSM and MSM/IDU.
[2]For the purposes of this illustration, "heterosexual" includes all cases that meet the CDC definition of high risk heterosexual as well as all cases that meet the CSTE definition of presumed heterosexual. The CDC defines "high risk heterosexual" as sexual contact with someone of the opposite sex with known risk such as injection drug use, bisexual male (applies to females only), person with hemophilia/coagulation disorder, transfusion recipient with HIV documentation, person with AIDS or documented HIV. The CSTE definition of "presumed heterosexual" applies to persons who self-reported only one risk: heterosexual contact (with no injection drug use if female) with a partner of unknown HIV/AIDS status. Cases that meet the CSTE definition of "presumed heterosexual" would normally be classified as NIR as these cases do not meet CDC definition of high risk heterosexual.
[3]Other includes blood recipient (hemophilia, blood transfusion, transplant) and perinatal.
Numbers are based on cases entered through March 15, 2010, and have not been adjusted for reporting delays. Newly diagnosed cases are based on a residence of diagnosis in Georgia. Case counts include incarcerated persons who may artificially inflate the numbers.

- Male, Sex with other Male (MSM)[1]
- Male Heterosexual[2]
- Male Injection Drug Use
- Female Heterosexual[2]
- Female Injection Drug Use
- Other[3]

In 2008, an estimated 89% of newly-diagnosed HIV/AIDS cases in Georgia were among the following five groups. These estimates were calculated using the transmission categories shown above, with "presumed heterosexual" cases and "high risk heterosexual" cases combined into one category (heterosexual).

1. African-American MSM *43%*
2. African-American heterosexual women *21%*
3. White MSM *14%*
4. African-American heterosexual men *8%*
5. Latino MSM ..... + *3%*

89% of all cases

Note: For calculation of each of the above percentages, the denominator does not include cases with insufficient patient risk factor information. Health care providers are required to submit basic patient information for HIV surveillance statistical purposes using the CDC-approved *Georgia Confidential HIV/AIDS Case Report Form*. Cases with no exposure to HIV or AIDS through any of the routes listed above are classified as NIR (no identified risk) or those with no risk at all as NRR (no risk reported). These pie charts only reflect the distribution of cases for which sufficient self-reported risk factor information was available.

Newly-diagnosed adult and adolescent cases of HIV (not AIDS) and AIDS in Georgia, by transmission category and race/ethnicity, 2006

	White		Black		Hispanic		Asian/HI/PI[1]		Am In/AK Nat[2]		Other[3]		Subtotal		TOTAL
MALE adult or adolescent	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	
Male-to-male sexual contact (MSM)	172	112	420	196	25	29	3	1	0	0	12	6	632	344	976
Injection drug use (IDU)	6	8	18	28	1	1	0	0	0	0	1	0	26	37	63
MSM/IDU	14	10	20	14	0	0	0	0	0	0	2	3	36	27	63
Blood Recipient[6]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High-risk heterosexual contact[4]	5	2	45	28	2	4	1	0	1	0	0	1	54	35	89
Presumed Heterosexual[5]	7	5	112	32	14	3	0	0	0	0	1	1	134	41	175
Perinatal	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
No Identified Risk[7] (NIR)	32	20	142	94	11	10	1	0	1	1	2	1	189	126	315
No Reported Risk[7] (NRR)	22	13	79	52	5	4	1	0	1	0	1	1	109	70	179
Male Subtotal	258	170	837	444	58	51	6	1	3	1	19	13	1181	680	1861
FEMALE adult or adolescent															
Injection Drug Use	10	5	17	15	0	0	0	0	0	0	0	0	27	20	47
Blood Recipient[6]	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
High-risk heterosexual contact[4]	12	7	69	42	11	3	0	0	0	0	2	1	94	53	147
Presumed Heterosexual[5]	8	3	73	61	8	3	0	0	0	0	0	6	89	73	162
Perinatal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No Identified Risk[7] (NIR)	9	2	77	54	3	1	1	0	0	0	1	3	91	60	151
No Reported Risk[7] (NRR)	9	3	135	46	4	3	1	0	0	0	0	0	149	52	201
Female Subtotal	48	20	371	219	26	10	2	0	0	0	3	10	450	259	709
TOTAL	306	190	1208	663	84	61	8	1	3	1	22	23	1631	939	2570

Source: Data request obtained 6/25/10. HIV Epidemiology Unit, Division of Public Health, Georgia Department of Community Health.
Note: Numbers are based on cases entered through June 30, 2010, and have not been adjusted for reporting delays.
Note: Newly diagnosed cases are based on a residence of diagnosis in Georgia.
Note: Case counts include incarcerated persons who may artificially inflate the numbers.
Note: Figures shown above represent unduplicated cases. If a case report form is received with an HIV (not AIDS) diagnosis, followed by a subsequent case report form indicating an AIDS diagnosis for that same patient, the case is counted as an AIDS case and is not included in the HIV column.

[1] Asian/Hawaiian/Pacific Islander
[2] American Indian/Alaskan Native
[3] Other includes Multiracial, Unknown and Other
[4] High risk heterosexual is defined as sexual contact with someone of the opposite sex with known risk such as injection drug use, bisexual male (applies to females only), person with hemophilia/coagulation disorder, transfusion recipient with HIV documentation, person with AIDS or documented HIV.
[5] The category of "presumed heterosexual" is used in Georgia to re-assign people whose only reported risk is heterosexual contact (with no injection drug use) and their partner's risk and HIV or AIDS status are unknown. Nationally, the Centers for Disease Control and Prevention categorizes "presumed heterosexual" cases as "no identified risk" (NIR). As such, comparisons of the presumed heterosexual category cannot be made to national data.
[6] Blood recipient includes hemophilia, blood transfusion, transplant
[7] Cases with no reported exposure to HIV or AIDS through any of the routes listed above are classified as NIR (no identified risk). Cases with no risk at all are classified as NRR (no risk reported).

Reported, newly-diagnosed adult and adolescent cases of HIV (not AIDS) and AIDS in Georgia, by transmission category and race/ethnicity, 2007

	White		Black		Hispanic		Asian/HI/PI[1]		Am In/AK Nat[2]		Other[3]		Subtotal		TOTAL
MALE adult or adolescent	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	
Male-to-male sexual contact (MSM)	147	104	362	258	39	33	5	1	1	0	13	12	567	408	975
Injection drug use (IDU)	3	3	14	12	0	1	0	0	0	0	1	1	18	17	35
MSM/IDU	14	7	7	13	0	0	0	0	0	0	1	1	22	21	43
Blood Recipient[6]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High-risk heterosexual contact[4]	4	6	29	49	1	5	1	0	0	0	0	0	35	60	95
Presumed Heterosexual[5]	10	7	111	74	4	10	0	0	2	0	0	1	127	92	219
Perinatal	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
No Identified Risk[7] (NIR)	65	37	294	138	15	17	3	0	0	1	1	2	378	195	573
No Reported Risk[7] (NRR)	23	9	64	24	2	2	0	0	1	0	0	2	90	37	127
Male Subtotal	266	173	882	568	61	68	9	1	4	1	16	19	1238	830	2068
FEMALE adult or adolescent															
Injection Drug Use	4	5	12	11	0	1	0	0	0	0	0	0	16	17	33
Blood Recipient[6]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High-risk heterosexual contact[4]	7	3	54	45	1	2	0	0	0	0	0	0	62	50	112
Presumed Heterosexual[5]	5	0	34	34	3	0	0	0	0	0	4	1	46	35	81
Perinatal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No Identified Risk[7] (NIR)	16	4	138	75	7	2	1	0	0	0	1	1	163	82	245
No Reported Risk[7] (NRR)	18	6	151	81	14	8	1	0	1	0	0	0	185	95	280
Female Subtotal	50	18	389	246	25	13	2	0	1	0	5	2	472	279	751
TOTAL	316	191	1271	814	86	81	11	1	5	1	21	21	1710	1109	2819

Source: Data request obtained 6/25/10. HIV Epidemiology Unit, Division of Public Health, Georgia Department of Community Health.
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Note: Newly diagnosed cases are based on a residence of diagnosis in Georgia.
Note: Case counts include incarcerated persons who may artificially inflate the numbers.
Note: Figures shown above represent unduplicated cases. If a case report form is received with an HIV (not AIDS) diagnosis, followed by a subsequent case report form indicating an AIDS diagnosis for that same patient, the case is counted as an AIDS case and is not included in the HIV column.

[1] Asian/Hawaiian/Pacific Islander
[2] American Indian/Alaskan Native
[3] Other includes Multiracial, Unknown and Other
[4] High risk heterosexual is defined as sexual contact with someone of the opposite sex with known risk such as injection drug use, bisexual male (applies to females only), person with hemophilia/coagulation disorder, transfusion recipient with HIV documentation, person with AIDS or documented HIV.
[5] The category of "presumed heterosexual" is used in Georgia to re-assign people whose only reported risk is heterosexual contact (with no injection drug use) and their partner's risk and HIV or AIDS status are unknown. Nationally, the Centers for Disease Control and Prevention categorizes "presumed heterosexual" cases as "no identified risk" (NIR). As such, comparisons of the presumed heterosexual category cannot be made to national data.
[6] Blood recipient includes hemophilia, blood transfusion, transplant
[7] Cases with no reported exposure to HIV or AIDS through any of the routes listed above are classified as NIR (no identified risk). Cases with no risk at all are classified as NRR (no risk reported).

Reported, newly-diagnosed adult and adolescent cases of HIV (not AIDS) and AIDS in Georgia, by transmission category and race/ethnicity, 2008

	White		Black		Hispanic		Asian/HI/PI[1]		Am In/AK Nat[2]		Other[3]		Subtotal		TOTAL
MALE adult or adolescent	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	**HIV**	**AIDS**	
Male-to-male sexual contact (MSM)	143	97	316	214	28	10	3	1	0	2	4	6	494	330	824
Injection drug use (IDU)	3	7	11	15	0	1	0	0	0	0	0	0	14	23	37
MSM/IDU	9	8	6	9	1	0	0	0	0	0	2	0	18	17	35
Blood Recipient[6]	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
High-risk heterosexual contact[4]	1	4	28	26	0	2	0	0	0	0	0	0	29	32	61
Presumed Heterosexual[5]	3	1	26	23	3	2	1	0	0	0	1	0	34	26	60
Perinatal	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
No Identified Risk[7] (NIR)	64	43	398	232	19	24	2	4	0	2	1	5	484	310	794
No Reported Risk[7] (NRR)	35	10	163	83	10	9	1	0	0	0	0	2	209	104	313
Male Subtotal	259	171	948	602	61	48	7	5	0	4	8	13	1283	843	2126
FEMALE adult or adolescent															
Injection drug use (IDU)	6	10	5	7	2	0	0	0	0	0	0	0	13	17	30
Blood Recipient[6]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
High-risk heterosexual contact[4]	12	6	30	45	1	2	0	1	0	0	0	0	43	54	97
Presumed Heterosexual[5]	6	11	49	52	0	0	0	1	0	0	0	1	55	65	120
Perinatal	0	0	1	1	0	0	0	0	0	0	0	0	1	1	2
No Identified Risk[7] (NIR)	23	11	150	101	2	5	0	0	1	1	2	2	178	120	298
No Reported Risk[7] (NRR)	22	11	140	71	5	2	0	0	1	0	1	0	169	84	253
Female Subtotal	69	49	375	277	10	9	0	2	2	1	3	3	459	341	800
TOTAL	328	220	1323	879	71	57	7	7	2	5	11	16	1742	1184	2926

Source: Data request obtained 6/25/10. HIV Epidemiology Unit, Division of Public Health, Georgia Department of Community Health.
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Reported, newly-diagnosed adult and adolescent cases of HIV (not AIDS) and AIDS in Georgia, by transmission category and race/ethnicity, 2006-2008

2006

	Male		Female		
Black	1281	*50%*	590	*23%*	
White	428	*17%*	68	*3%*	
Hispanic	109	*4%*	36	*1%*	
Asian/HI/PI	7	*<1%*	2	*<1%*	
Other	36	*1%*	13	*1%*	
Total	1861	*72%*	709	*28%*	2570

2007

	Male		Female		
Black	1450	*51%*	635	*23%*	
White	439	*16%*	68	*2%*	
Hispanic	129	*5%*	38	*1%*	
Asian/HI/PI	10	*<1%*	2	*<1%*	
Other	40	*1%*	8	*<1%*	
Total	2068	*73%*	751	*27%*	2819

2008

	Male		Female		
Black	1550	*53%*	652	*22%*	
White	430	*15%*	118	*4%*	
Hispanic	109	*4%*	19	*1%*	
Asian/HI/PI	12	*<1%*	2	*<1%*	
Other	25	*1%*	9	*<1%*	
Total	2126	*73%*	800	*27%*	2926