

Newly Diagnosed Positives Identified by HIV Testing Programs in New York City

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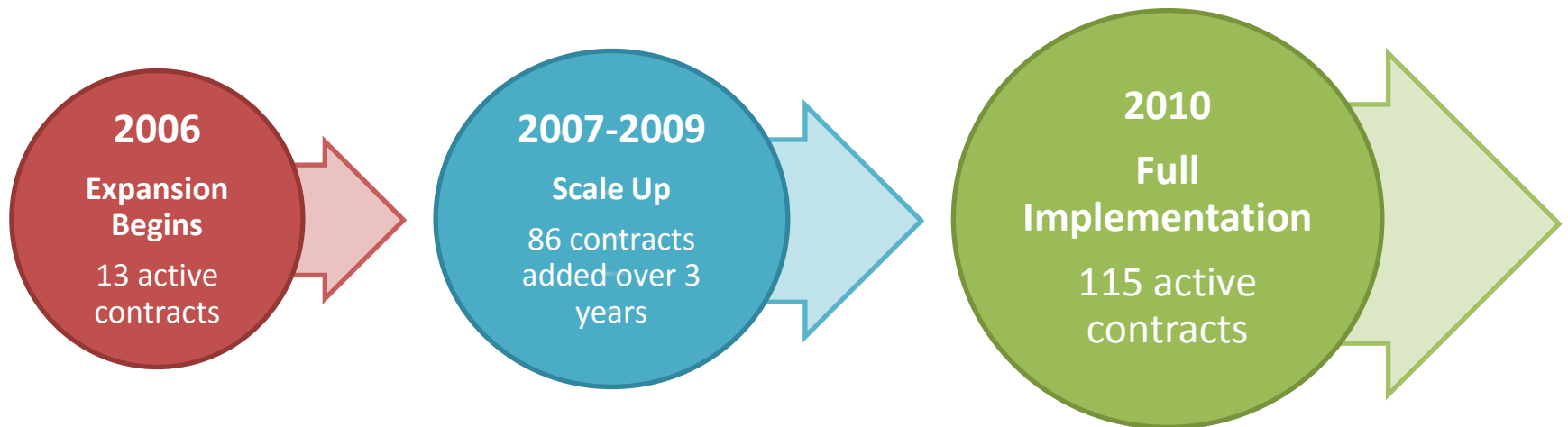
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Background

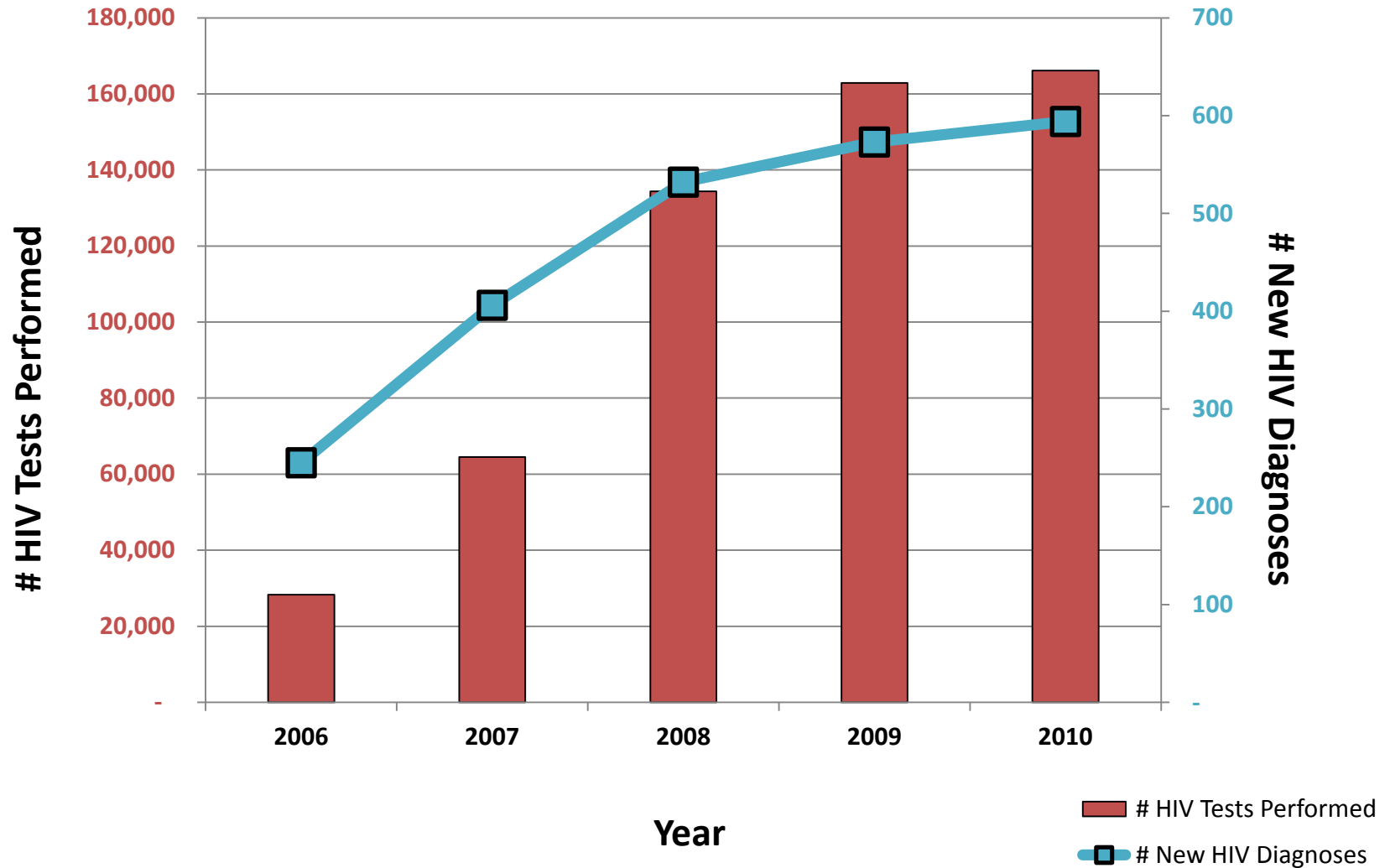
In 2006, the New York City Department of Health and Mental Hygiene (NYC DOHMH) began expanding HIV testing in NYC.



Methods

- NYC DOHMH matched preliminary positive cases identified by funded contracts from 2006-2010 against the NYC HIV/AIDS (HARS) registry and categorized them as newly or previously diagnosed.
- Presence of a CD4 or VL report served as a proxy for medical care linkage.

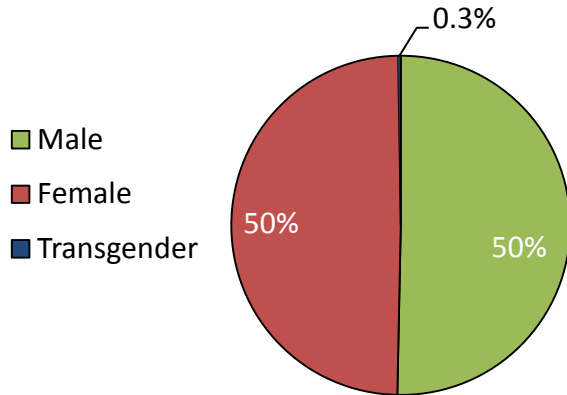
Significant Increases in Both HIV Testing Volume and New HIV Diagnoses Among Funded Programs in NYC



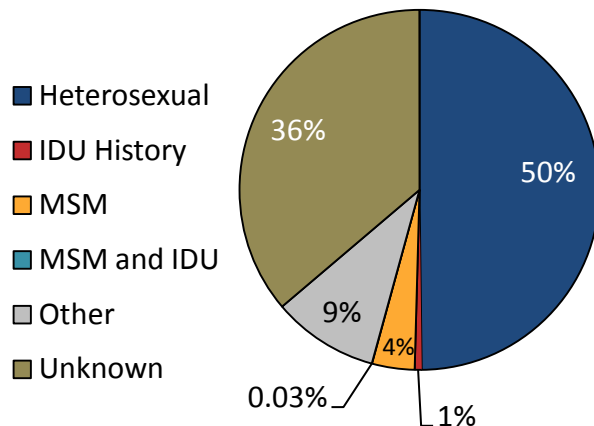
Gender and Race/Ethnicity – All Tested vs. New Diagnoses

All Testing Clients

Testing was split evenly between men and women

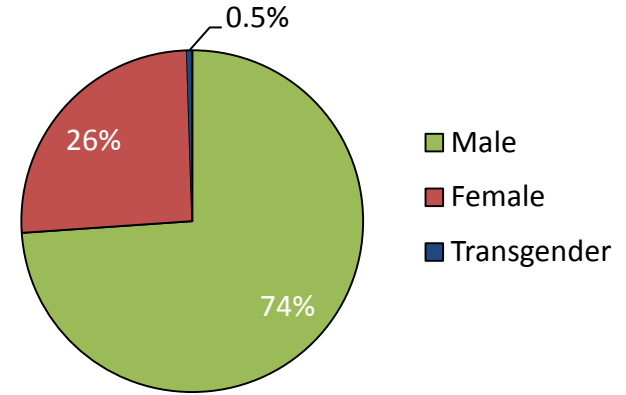


Half of testing clients reported heterosexual risk

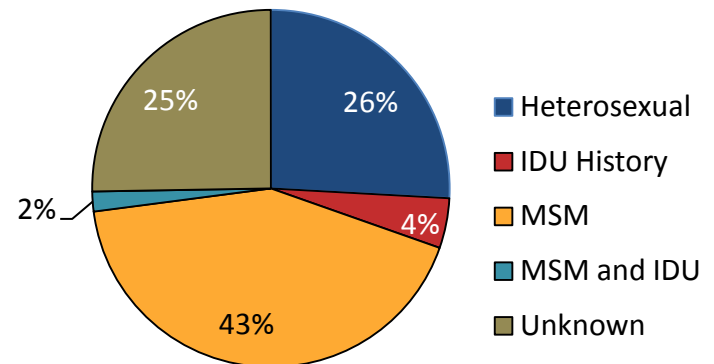


Newly Diagnosed Clients

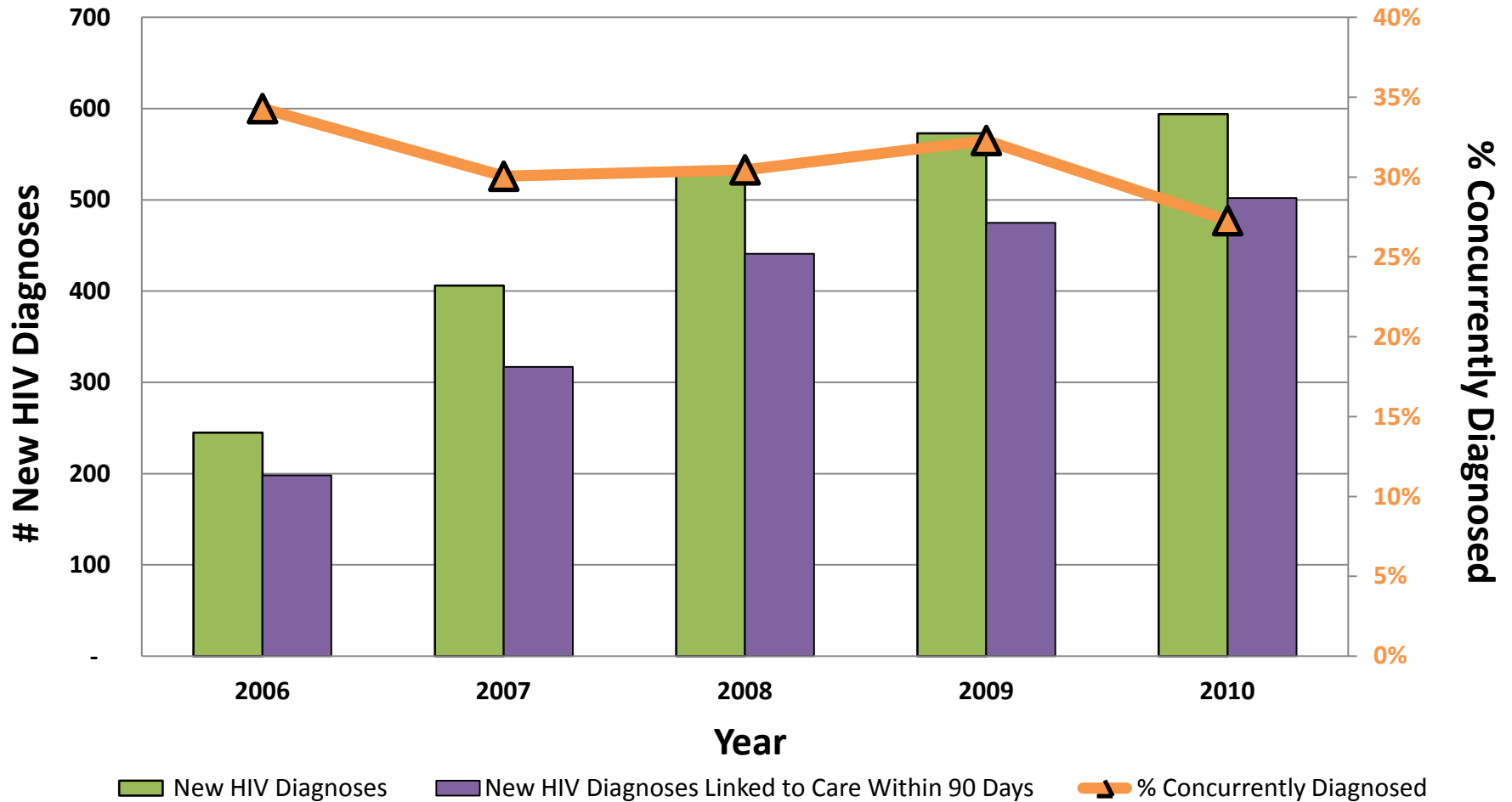
More men were newly diagnosed than women



Highest percentage of new diagnoses among MSM



More newly diagnosed clients were identified as concurrent diagnoses fell



Limitations

- The data reported here are not reflective of all HIV testing performed in New York City.
- Linkage to care uses CD4 and Viral Load lab testing as a proxy for provision of primary medical care.

Conclusions

- From 2006 to 2010, NYC DOHMH dramatically increased the number of HIV tests performed in NYC, the number of new diagnoses, and the number of persons linked to care.
- Concurrent diagnoses have fallen since 2006.
- Most new cases were linked to medical care in under 90 days.
- The large proportion of patients linked to care demonstrates that active case finding for HIV may increase the number of patients receiving treatment.

Acknowledgements

- This work was made possible by expert input from colleagues in the NYC DOHMH Epidemiology Surveillance program and HIV Care, Treatment and Housing program.
- For questions or further information, contact Andrea King at aking@health.nyc.gov.

Extra Slide

Citywide vs. DOHMH Programs

	NYC 2010 ¹ Total		DOHMH 2010 ² Total	
	8,175,133	100%	165,906	100%
Sex				
Male	3,882,544	47%	80,636	49%
Female	4,292,589	53%	84,725	51%
Transgender/ Other	--	--	545	0.3%
Race / Ethnicity				
White, non-Hispanic	2,722,904	33%	12,614	8%
Black, non-Hispanic	1,861,295	23%	65,167	39%
Hispanic	2,336,076	29%	76,762	46%
Asian/Pacific Islander, non-Hispanic	1,030,914	13%	4,045	2%
Other races, non-Hispanic	223,944	3%	7,318	4%
Age Range				
Under 18	1,768,111	22%	2,890	2%
18-29	1,599,534	20%	55,910	34%
30-39	1,249,662	15%	35,951	22%
40-49	1,132,972	14%	35,841	22%
50-59	1,017,219	12%	23,700	14%
60+	1,407,635	17%	11,561	7%
Missing	--	--	53	0.03%

¹ Source: 2010 Census

² Source: DOHMH-funded HIV tests, reported as of Aug. 2011