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BACKGROUND:	Table 1: Cost
Researchers have found that linkage to care represents an optimal and cost-effective use of resources. In addition, Previous studies have	Measur
projected that, compared to opt-out testing, targeted counseling and testing services would newly diagnose more HIV infections, prevent	a. Number of refer
more HIV infections and do so at a lower gross cost per infection averted.	b. Number of linka
	c. Total program co
The District of Columbia Department of Health (DC DOH) has actively scaled-up routine testing and linkage to care programs since 2006.	d. Cost per referral
Although these efforts have proven successful in identifying HIV- infected persons and linking them to care, a systematic analysis of	e. Cost per linkage
the cost-effectiveness of these programs has not been conducted to date.	*Costs per ref **= c/a ***= c/b
OBJECTIVE:	
The objective of the study was to evaluate the cost-effectiveness of DC DOH's linkage to care programs.	A referral was organization w
METHODS: Cost and utilization data were collected through: Interviews with DC DOH staff Surveillance reports Document review	Linkage to care organization, r if needed, and days of the ref providers.
For the evaluation of linkage to care programs, analyses compared the effectiveness of three DC DOH funded programs:	
1) a navigator program targeting the Latino population;	

- 2) a program specifically serving District residents living in Wards 7 and 8; and
- 3) a program focusing on high-risk adolescents and persons engaging in sex work.

A Cost-Effectiveness Analysis of the Washington, D.C. Department of Health's HIV/AIDS Linkage to Care Programs

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Effectiveness of Navigator Programs, October 2011-March 2011

Measure	Latino Navigator	Wards 7 and 8*	Adolescents and sex workers*
umber of referrals	249	45	6
lumber of linkages to care	50	33	5
otal program cost	\$200,000	\$124,201	\$125,000
ost per referral**	\$803	\$1,378	\$10,417
ost per linkage to care***	\$4,000	\$1,879	\$12,500

ferral and linkage to care are semiannual

defined as referring a client to access services from another without following up to determine if those services were received.

re was defined as referring a client to access services from another making and confirming the appointment, providing transportation I following up to ensure that the client received services within 30 ferral. Linkages to care are reported directly by treatment



RESULTS:

- The Latino Navigator program achieved the lowest cost per referral, while the program for Wards 7 and 8 residents achieved the lowest cost per linkage to care
- The program for adolescents and persons engaged in sex work converted 83% of its referrals into successful linkages to care, compared to 73% for the program for Wards 7 and 8, and 20% for the Latino Navigator program.

CONCLUSIONS:

- We recommend that navigator programs explore strategies to improve linkage to care among persons identified as HIV positive
- Future research may be needed that estimates long-term patient outcomes such as life expectancy, lifetime cost per patient and Quality-Adjusted Life Years (QALY's)

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