

# Targeted Screening for Gonorrhea and Chlamydia to Reduce Health Disparities in New Jersey

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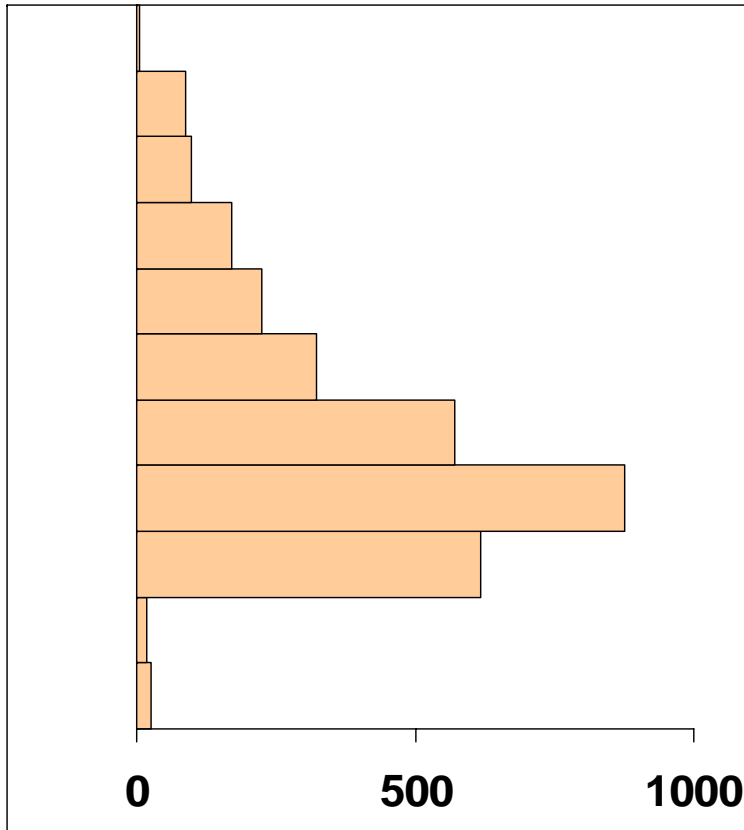
Region II IPP Committee Meeting

# Gonorrhea Cases by Age and Sex, New Jersey 2007

**Males**

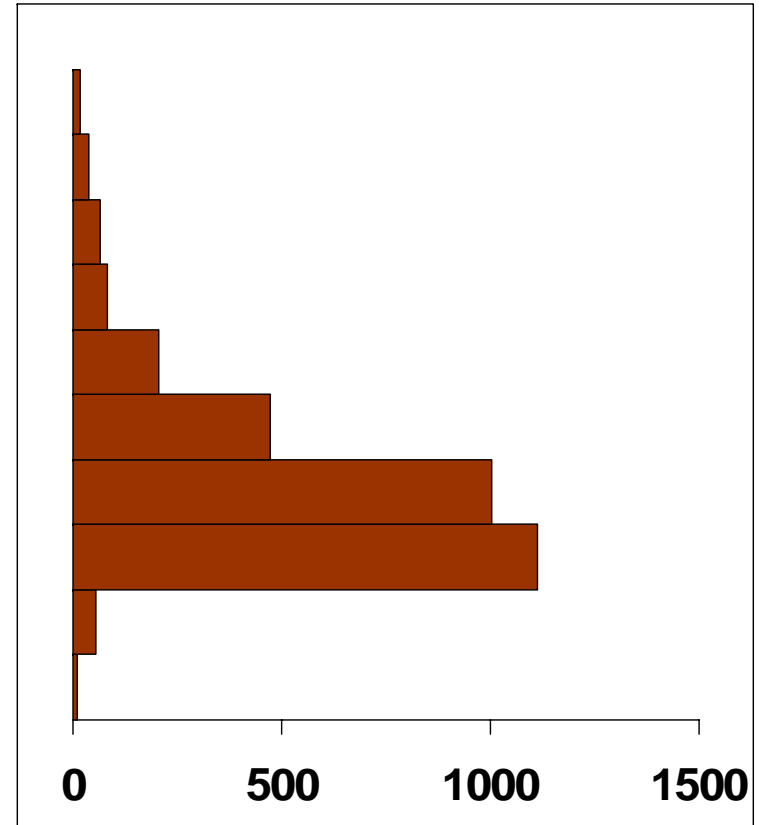
**Age**

**Females**



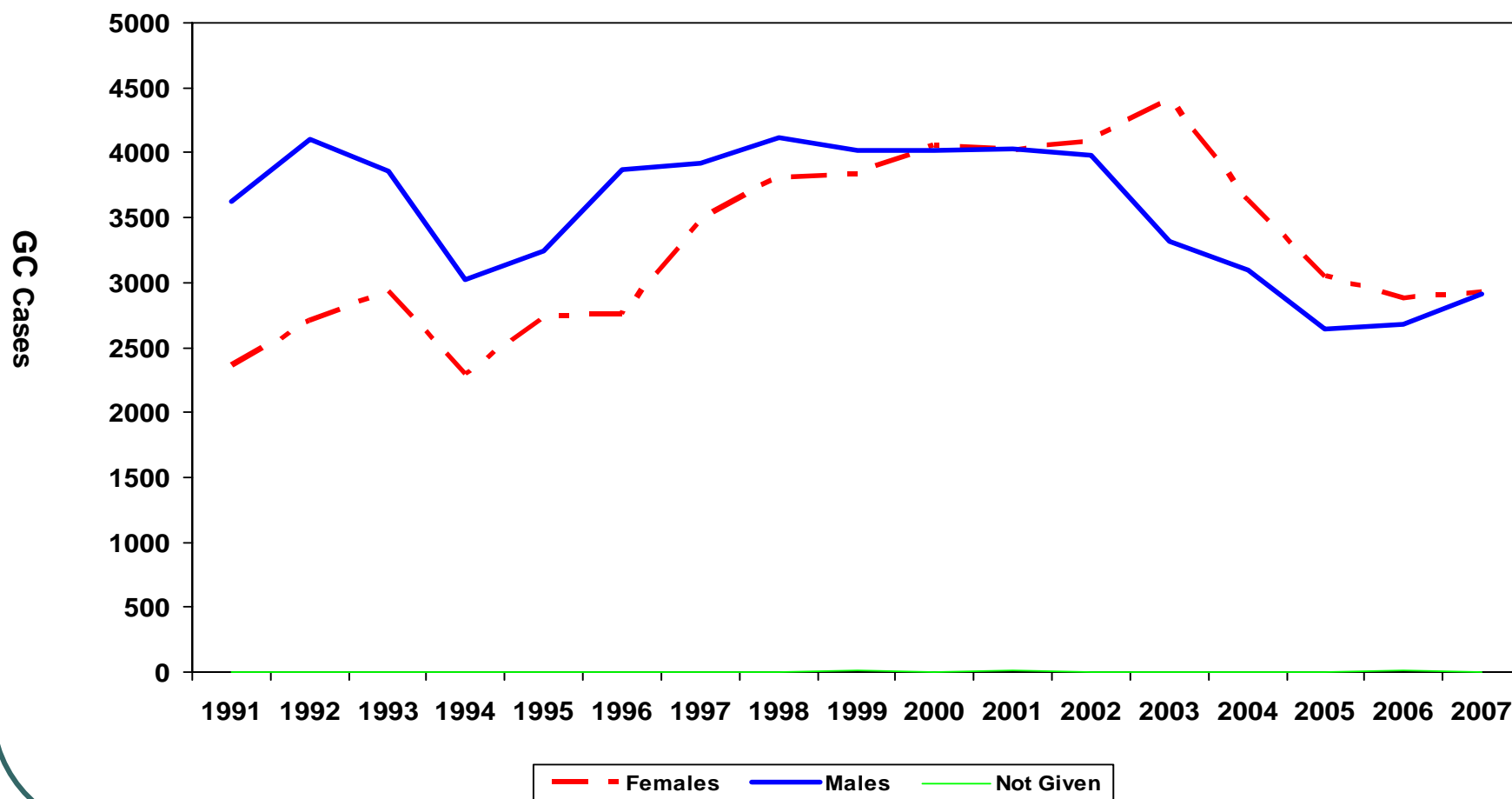
**GC Cases**

65+  
50-64  
45-49  
40-44  
35-39  
30-34  
25-29  
20-24  
15-19  
<15  
Missing

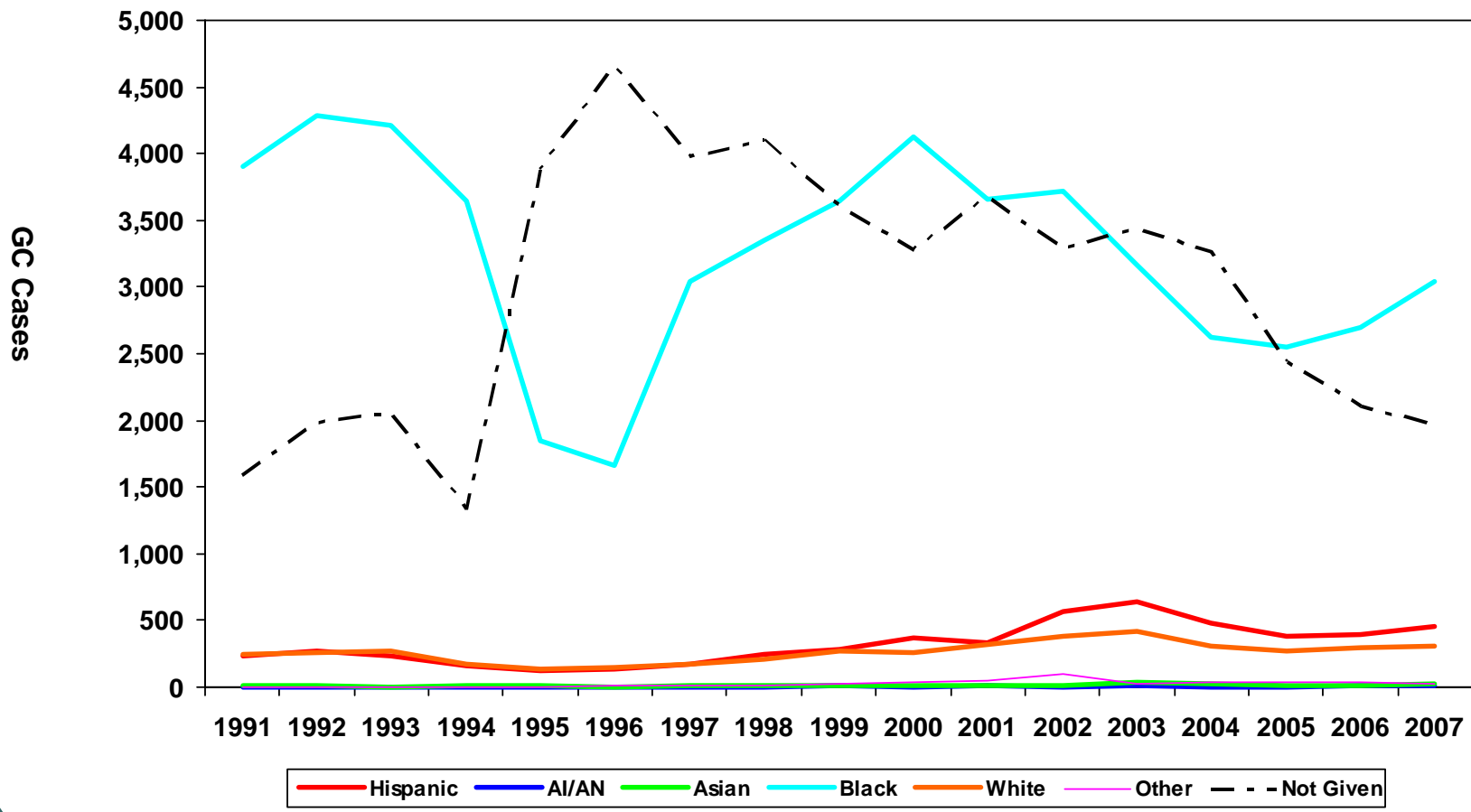


**GC Cases**

## Trends in Reported Gonorrhea Cases by Sex, New Jersey 1991-2007

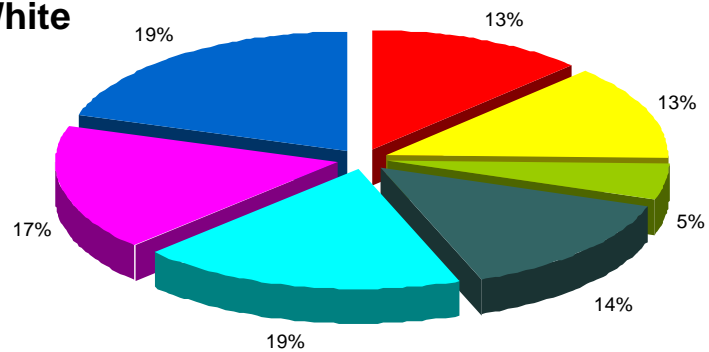


## Trends in Reported Gonorrhea Cases by Race/Ethnicity, New Jersey 1991-2007

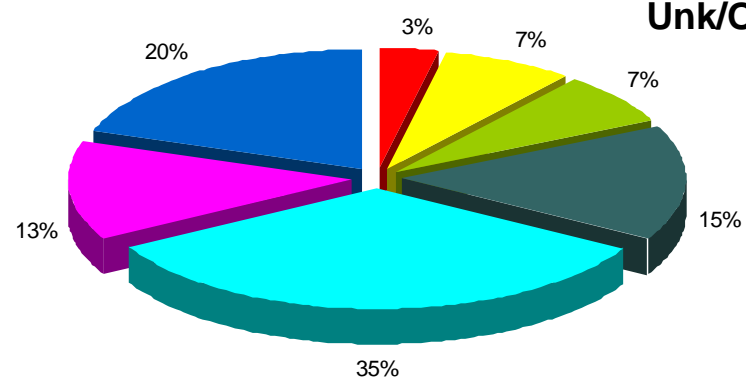


# Gonorrhea Case Reports by Race/Ethnicity and Provider Type, New Jersey, 2007

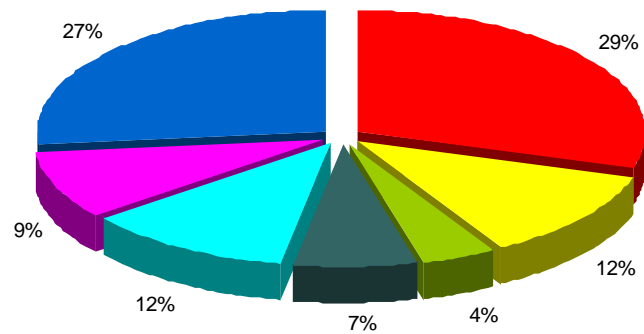
**White**



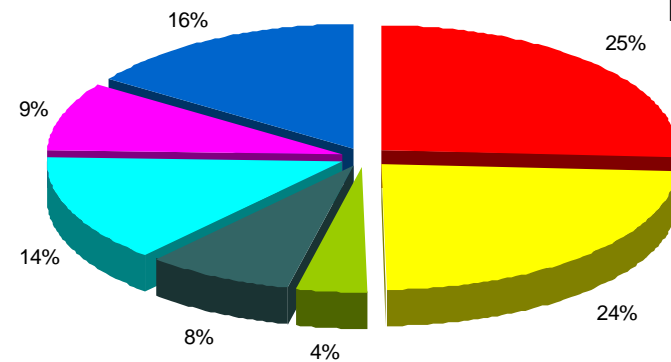
**Unk/Other**



**Black**

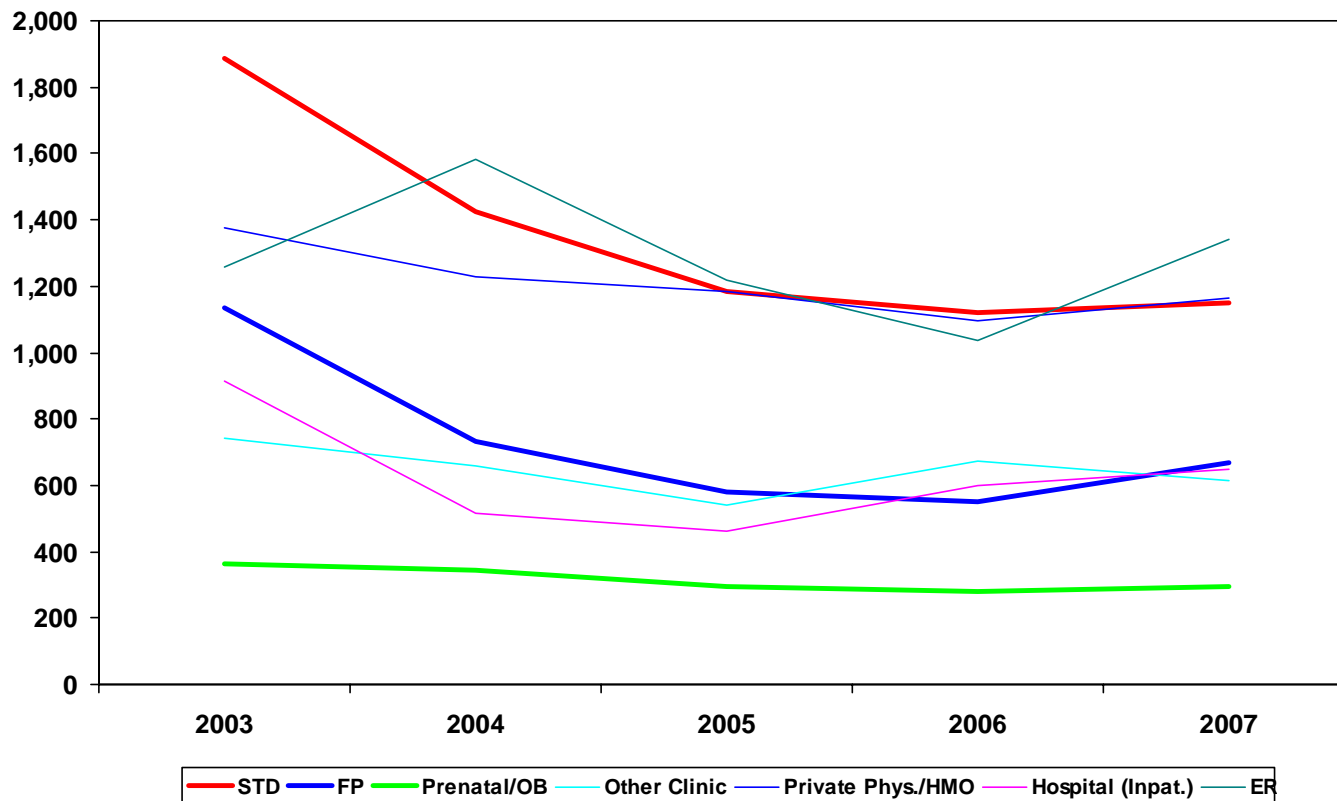


**Hispanic**



■ STD  
 ■ FP  
 ■ Prenatal  
 ■ Other  
 ■ Private Phys/HMO  
 ■ Hosp. Inpt  
 ■ ER

# Trends in Reported GC Cases by Provider Type Over Time, New Jersey 2003 - 2007



## Description of Area Targeted for Enhanced GC/CT Screening to Reduce Health Disparities

Essex County has been Identified as the Geographic Targeted Area:

Newark  
East Orange  
Irvington

# Newark, New Jersey

- 18.5% of all GC cases reported that can be attributed to target area
- 12.9% of all CT cases reported that can be attributed to target area

Gender	GC Cases	CT Cases
Male	558	586
Female	568	2183
Unknown	0	1

Age (Years)	GC Cases	CT Cases
Missing Age	8	10
<15	19	74
15-19	378	1068
20-24	330	897
25-29	186	431
30-34	102	165
35-39	52	66
40-44	30	32
45 & Over	21	27

Race/Ethnicity	GC Cases	CT Cases
Hispanic or Latino (all races)	64	260
Black/Afr Amer (not Hispanic)	774	1444
White (not Hispanic)	7	34
Asian	1	8
American Indian/Alaska Native	0	3
Other	5	34
Unknown	275	987

<b>Total GC Cases</b>	<b>1126</b>	<b>Total CT Cases</b>	<b>2770</b>
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# East Orange, New Jersey

- 4.2% of all GC cases reported that can be attributed to target area
- 3.2% of all CT cases reported that can be attributed to target area

Gender	GC Cases	CT Cases
Male	122	153
Female	134	531

Age (Years)	GC Cases	CT Cases
Missing Age	3	11
<15	1	11
15-19	80	273
20-24	89	232
25-29	40	92
30-34	29	44
35-39	5	11
40-44	6	7
45 & Over	3	3

Race/Ethnicity	GC Cases	CT Cases
Hispanic or Latino (all races)	10	33
Black/Afr Amer (not Hispanic)	174	429
White (not Hispanic)	5	5
Asian	2	1
American Indian/Alaska Native	1	2
Other	0	2
Unknown	64	212

<b>Total GC Cases</b>	<b>256</b>	<b>Total CT Cases</b>	<b>684</b>
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# Irvington, New Jersey

- 3.9% of all GC cases reported that can be attributed to target area
- 2.6% of all CT cases reported that can be attributed to target area

Gender	GC Cases	CT Cases
Male	123	130
Female	113	429

Age (Years)	GC Cases	CT Cases
Missing Age	2	2
<15	5	6
15-19	75	176
20-24	85	209
25-29	28	96
30-34	17	35
35-39	14	18
40-44	0	10
45 & Over	10	7

Race/Ethnicity	GC Cases	CT Cases
Hispanic or Latino (all races)	11	18
Black/Afr Amer (not Hispanic)	176	229
White (not Hispanic)	0	2
Asian	0	3
American Indian/Alaska Native	1	1
Other	0	3
Unknown	48	233

<b>Total GC Cases</b>	<b>236</b>	<b>Total CT Cases</b>	<b>559</b>
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# GC/CT Case Report Data by Provider Type, Year 2007

## Newark

Facility Type	GC	CT
HIV Test Site	3	61
STD Clinic	283	112
Family Planning	114	549
Prenatal/Obstetrics	28	151
Other Clinic	65	238
Private Phys./HMO	131	593
Hospital (Inpatient)	20	282
Emergency Room	430	573
Correctional Facility	36	164
Laboratory	2	3
School-Based Clinic	10	32
Unknown	4	12
<b>Total</b>	<b>1126</b>	<b>2770</b>

## East Orange

Facility Type	GC	CT
HIV Test Site	2	7
STD Clinic	68	97
Family Planning	47	188
Prenatal/Obstetrics	7	29
Other Clinic	18	51
Private Phys./HMO	22	138
Hospital (Inpatient)	4	70
Emergency Room	78	77
Correctional Facility	7	22
Laboratory	0	1
School-Based Clinic	0	2
Unknown	3	2
<b>Total</b>	<b>256</b>	<b>684</b>

## Irvington

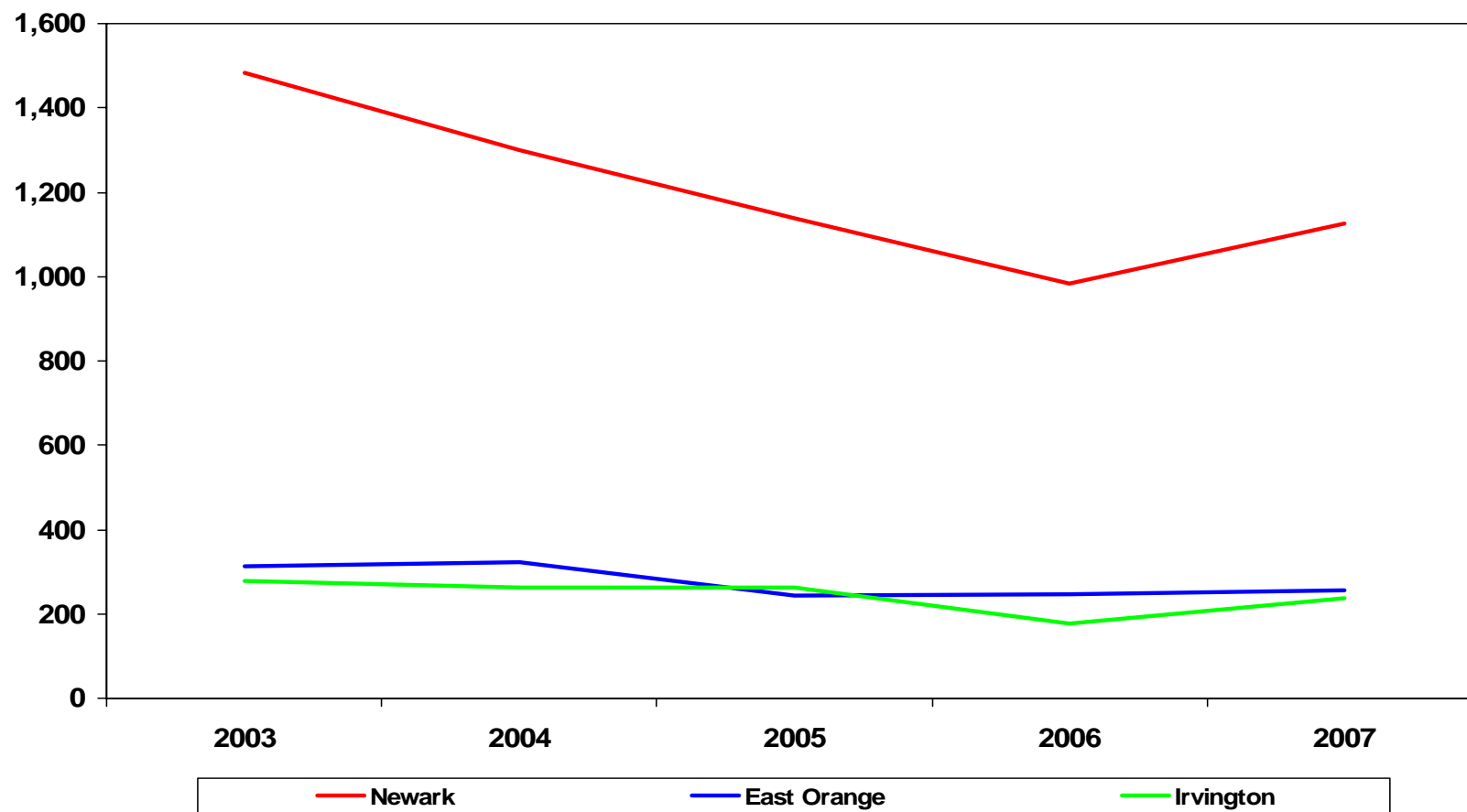
Facility Type	GC	CT
HIV Test Site	1	5
STD Clinic	54	25
Family Planning	25	85
Prenatal/Obstetrics	4	32
Other Clinic	15	45
Private Phys./HMO	35	123
Hospital (Inpatient)	2	39
Emergency Room	90	178
Correctional Facility	9	25
Laboratory	0	1
School-Based Clinic	1	1
Unknown	0	0
<b>Total</b>	<b>236</b>	<b>559</b>

# GC Case Report as % of Total Population, by Gender and Race Ethnicity, 2007

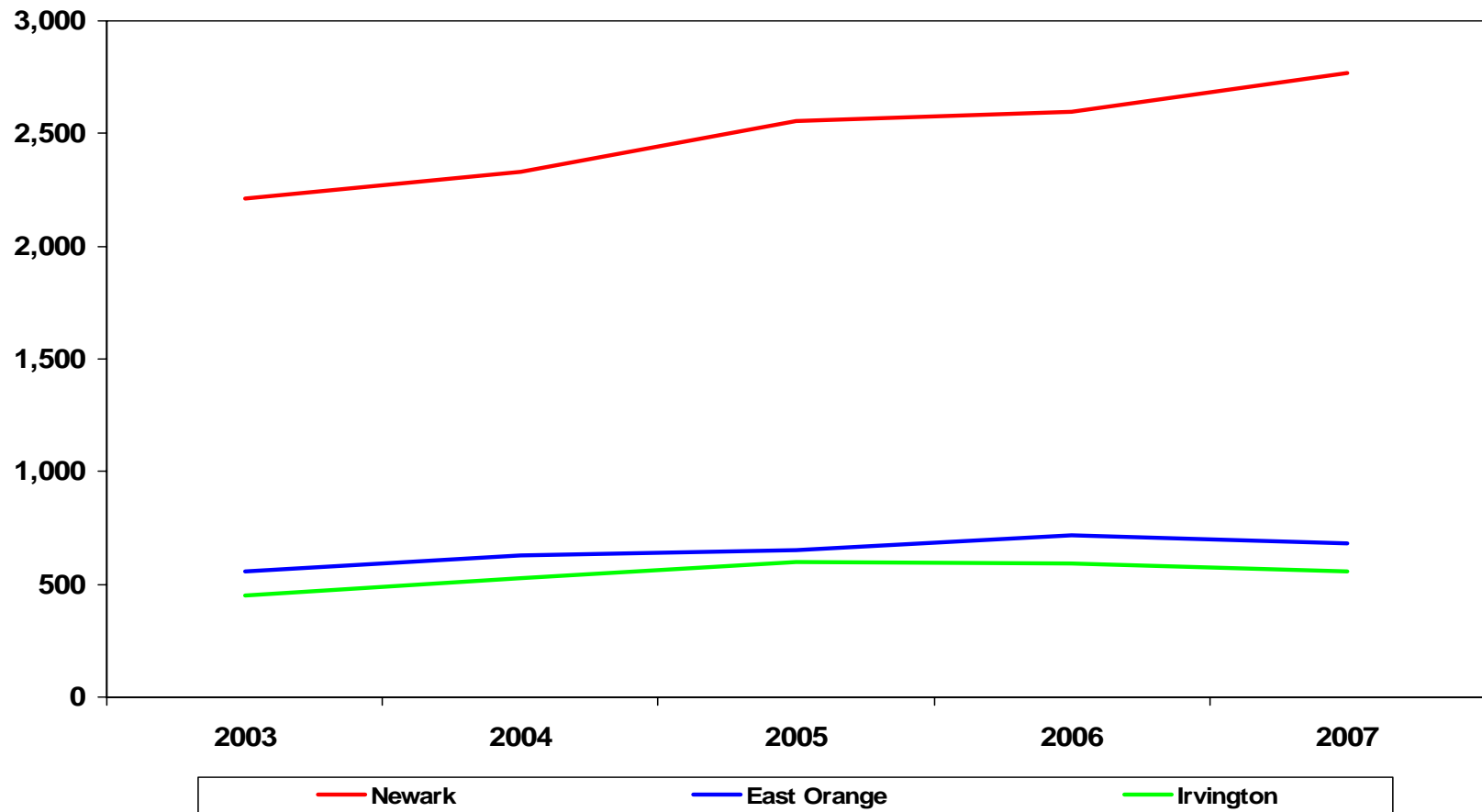
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- African-Americans represent 67.5% of all GC cases reported in Essex County, representing only 3.7% of the population.
  - Newark- 68.7% GC cases - 31.7% of the population.
  - East Orange- 67.9% GC cases - 89.5% of the population.
  - Irvington -74.5% GC cases - 88.3% of the population.
- Hispanics represent 5.5% of all GC cases reported in Essex County, representing only 1.62% of the population.
  - Newark 5.7% GC cases - 54.2% of the population.
  - East Orange 3.9% GC cases - 7.7% of the population.
  - Irvington- 4.6% GC cases - 8.2% of the population.
- Whites represent 1.3% of all GC cases in Essex County, representing 3.37% of the population.
  - Newark >1% GC cases- 22.1% of the population
  - East Orange 1.9% GC cases - 5.3% of the population.
  - Irvington 0% GC case- 5.6% of the population
- Race/Ethnicity unknown represent 24.8% of all GC cases in Essex County
  - Race/Ethnicity unknown represents 24.4% of all GC cases in Newark
  - Race/Ethnicity unknown represents 25% of all GC cases in East Orange
  - Race/Ethnicity unknown represent 20.3% of all GC cases in Irvington
- All other race/ethnicity represent >1% of GC cases, and >1% of the Essex County population
- Females represent 50.2% of all GC cases in Essex County, and Males represent 49.8% of all GC cases in Essex County

# GC Trend Data for Target Area



# CT Trend Data for Target Area



# Next Steps

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- Provide both GC and Chlamydia to women up to age 29 in family planning clinics
- Convene a meeting of stakeholders in Essex County to raise awareness of the issues
- Coordinate services to more efficiently utilize resources for testing and treatment
- Explore partnering with UMDNJ Center for the Elimination of Health Disparities