

# **Colon Screening in NYC**

**3rd Annual Colorectal Cancer Summit  
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# Surveillance Mechanisms

- Colonoscopy reports
- Community Health Survey
- NYC HANES

# Surveillance Mechanisms

- **Colonoscopy reports from endoscopy clinics**
  - **63-66 clinics reporting**
  - **In the 3<sup>rd</sup> quarter of 2005, 37,141 colonoscopies were performed (median: 465 per hospital)**
  - **Mean wait time was 14 days in non-HHC hospitals and 23 days in HHC hospitals**

# Surveillance Mechanisms

- **NYC Community Health Survey (CHS)**
  - Based on the Behavioral Risk Factor Surveillance System (BRFSS)
  - Annual since 2002
  - Telephone: 20-30 minutes
  - Multi-lingual
    - 2002: English, Spanish, Russian, Cantonese, Mandarin, Korean, Creole, Yiddish, Greek
    - 2003-2005: English, Spanish, Russian – 23 other languages through language line

# Surveillance Mechanisms

- **Community Health Survey Questions**
  - **2003: Sigmoidoscopies and Colonoscopies are exams in which a tube is inserted into the rectum to view the bowel for signs of cancer or other health problems. Have you ever had either of these exams? When was the most recent colonoscopy performed?**
  - **2004: Colonoscopy is an exam in which a tube is inserted into the rectum to view the bowel for signs of cancer or other health problems. Have you ever had a colonoscopy? When was the most recent colonoscopy performed?**

# Surveillance Mechanisms

## ■ NYC HANES

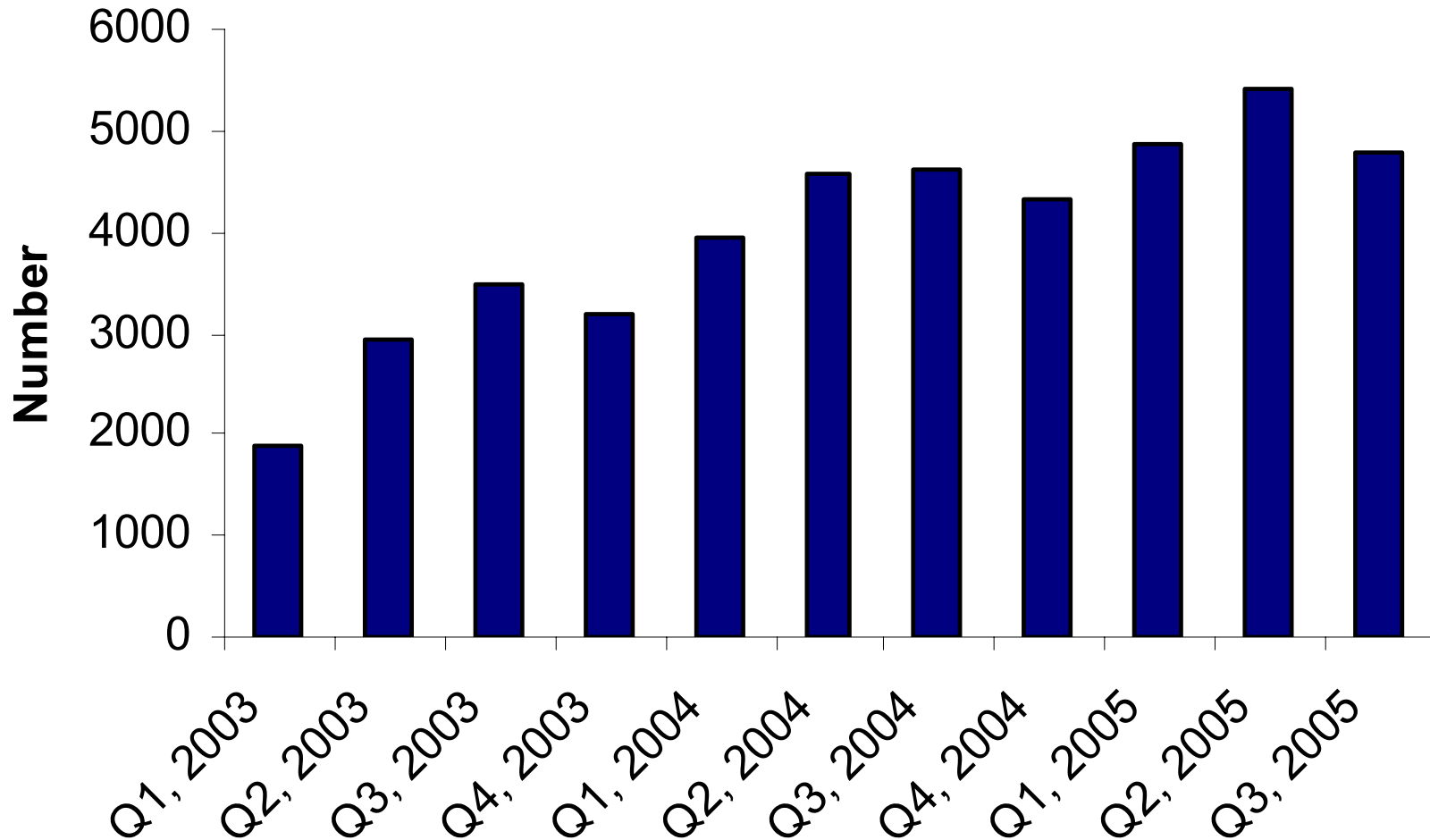
- In person survey with clinic component
- Time frame: June – December, 2004
- Population: non-institutionalized NYC residents aged 20+ years
- Sampling: Population-based, cross-sectional, 3-stage cluster sample
- Sample size: 1999 adults from ~4000 households in 144 neighborhoods
- Data collection at four field clinics

# Surveillance Mechanisms

- **NYC HANES Questions**
  - **Sigmoidoscopy and colonoscopy are exams in which a tube is inserted into the rectum to view the bowel for signs of cancer or other health problems. Have you ever had either of these exams? About how long has it been since you last had a colonoscopy?**

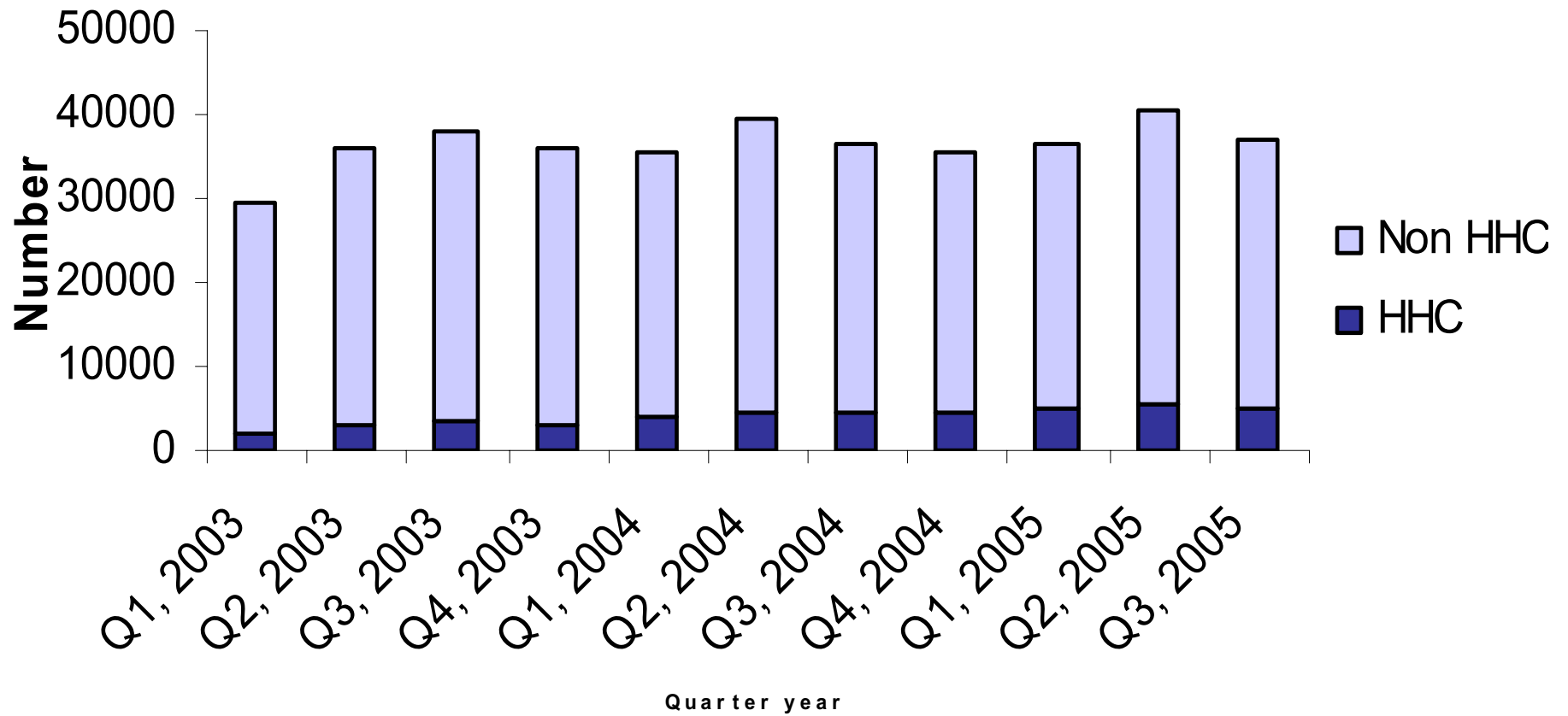
# **Colonoscopy Reports**

## Colonoscopies performed by quarter year, 2003 - 2005, HHC hospitals (N=11)



Note: Q1, 2003 data only provided by 8 hospitals; for all other quarters, 11 hospitals

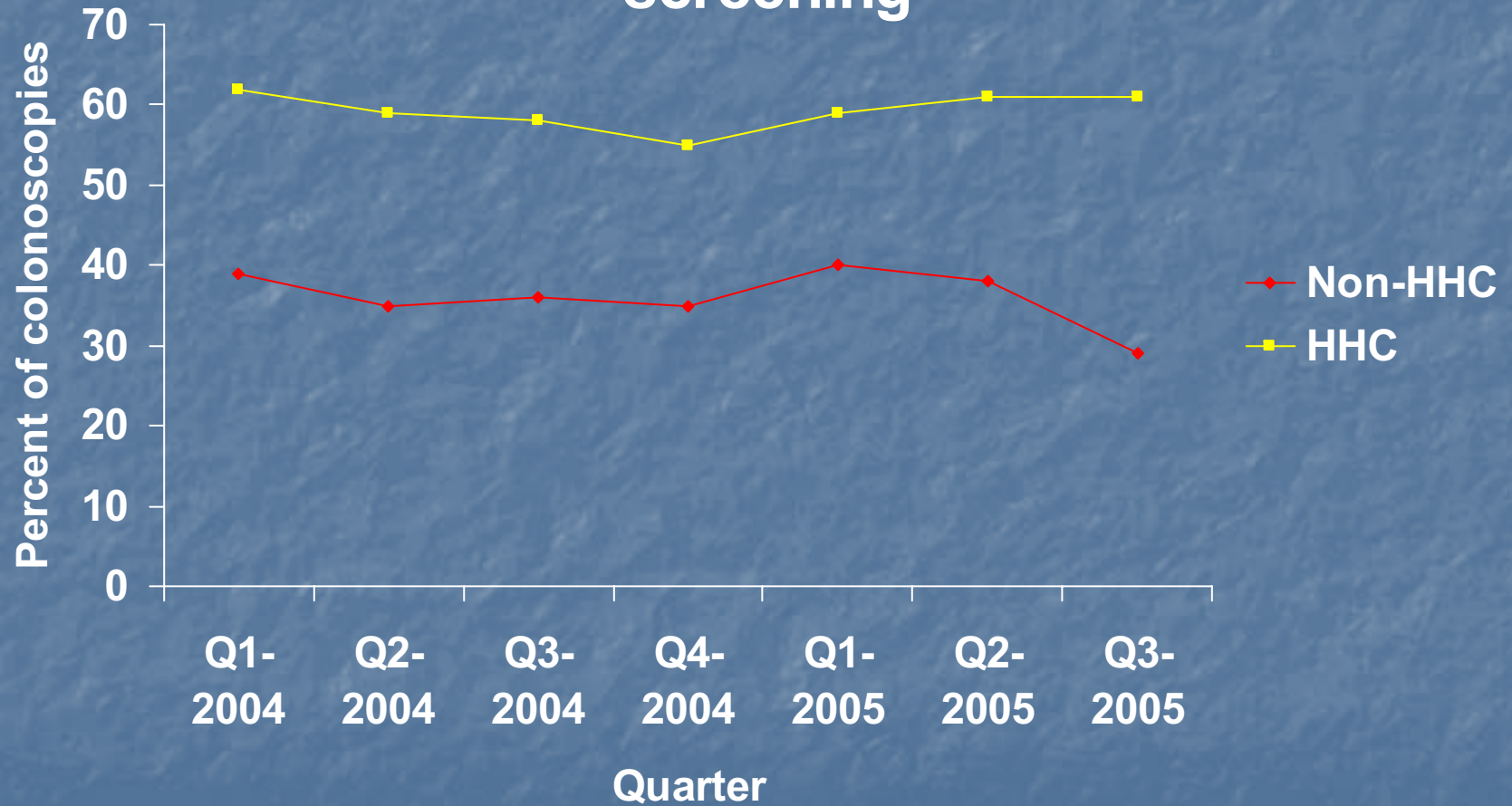
## Colonoscopies performed by quarter year, 2003 - 2005, NYC hospitals (N=64)\*



\* From Q1, 2003 through Q2, 2004, 66 hospitals provided data, beginning Q3, 2004 - N=64 (2 hospitals closed)

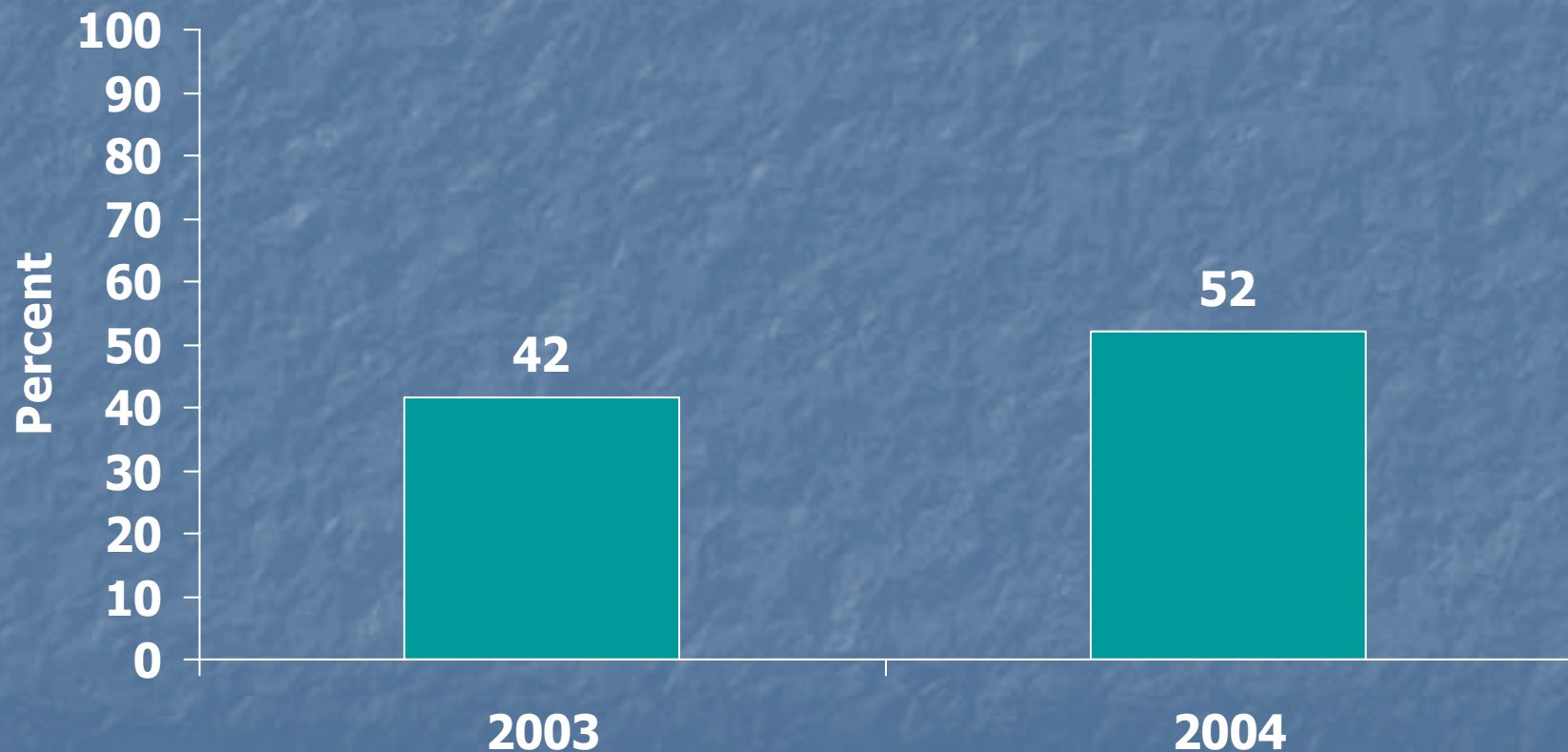
Note: Q1, 2003 data only provided by 59 hospitals

## Percent of colonoscopies done for screening



# **Community Health Survey**

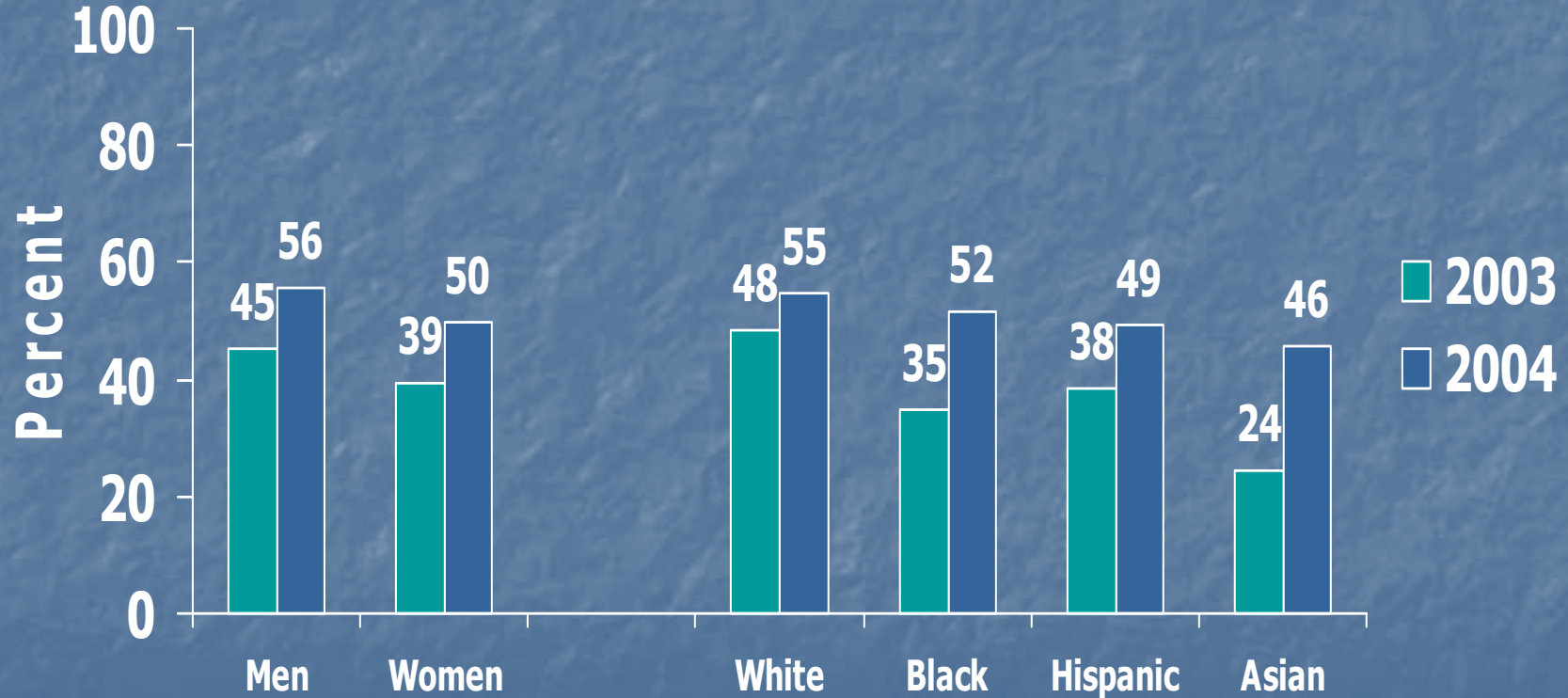
## Colonoscopy in past 10 years,\* CHS 2003 and 2004



\*Among adults age 50 and older; age adjusted

Source: NYC Community Health Survey, 2003 and 2004

# Colonoscopy past 10 years,\* CHS 2003 and 2004

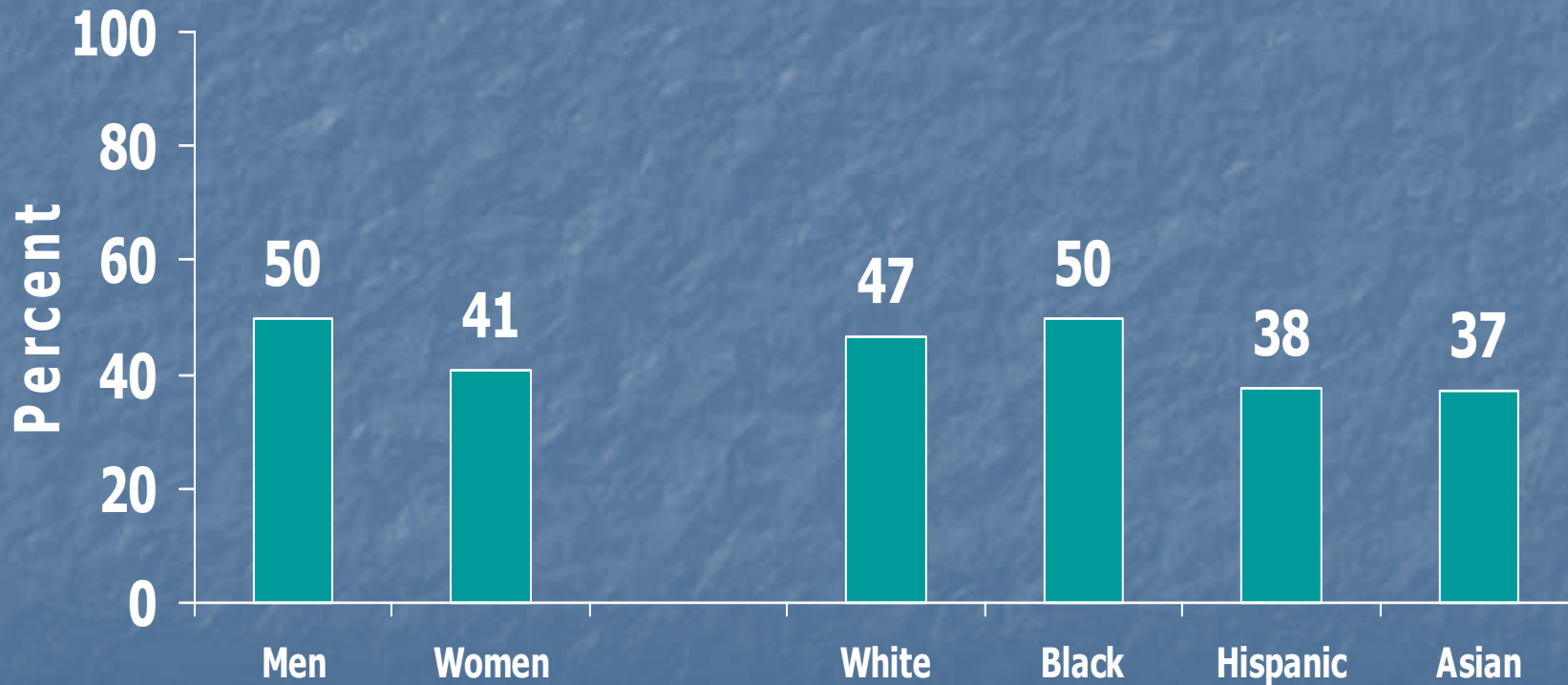


\*Among adults age 50 and older; age adjusted

Source: NYC Community Health Survey, 2003 and 2004

# NYC HANES

# Colonoscopy past 10 years,\* NYC HANES 2004



\*Among adults age 50 and older; age adjusted

# Conclusions

- **Colonoscopies have increased in both HHC and non-HHC facilities.**
  - **Increased from 103,602 in the first 3 quarters of 2003 to 114,120 in the first 3 quarters of 2005 (10% increase).**
  - **The proportion of colonoscopies done for screening purposes is increasing in HHC facilities.**
- **In the general public (age 50+), timely colonoscopies have increased from 42% in 2003 to 52% in 2004 (CHS).**
- **Estimates from NYC HANES (2004) are between the 2003 and 2004 CHS estimates (45% for total).**