

# **Evidence: Mental Health Indicators**

**Glasgow's Healthier Future Forum 10,  
2010**

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# Mental Health and Illness in Greater Glasgow

Laurence Gruer et al, 1999

# Scotland's Mental Health and its Context: Adults 2009

February 2009



**Taulbut, M., Parkinson, J., Catto, S. and Gordon, D.**

# Indicators

## Mental Health Outcome

Positive Mental Health (2)

Negative Mental Health (13)

## Individual & Behavioural

Learning & Devel. (1)

Healthy Living (4)

General Health (3)

## Structural/Community

Community Participation (3)

Social networks/support (3)

Community safety/trust (6)

Financial security/equity (3)

Social inclusion (2)

Discrimination (3)

Physical environment (6)

Working Life (6)

Violence (3)

❖ **Geography, age, sex, deprivation, time**

❖ **disability, ethnicity, sexual orientation**

# (Selected) Findings

- **Geographical** inequality
- Inequality by **deprivation**
- Inequality by **Age and sex**
- Inequalities with **increasing harm**

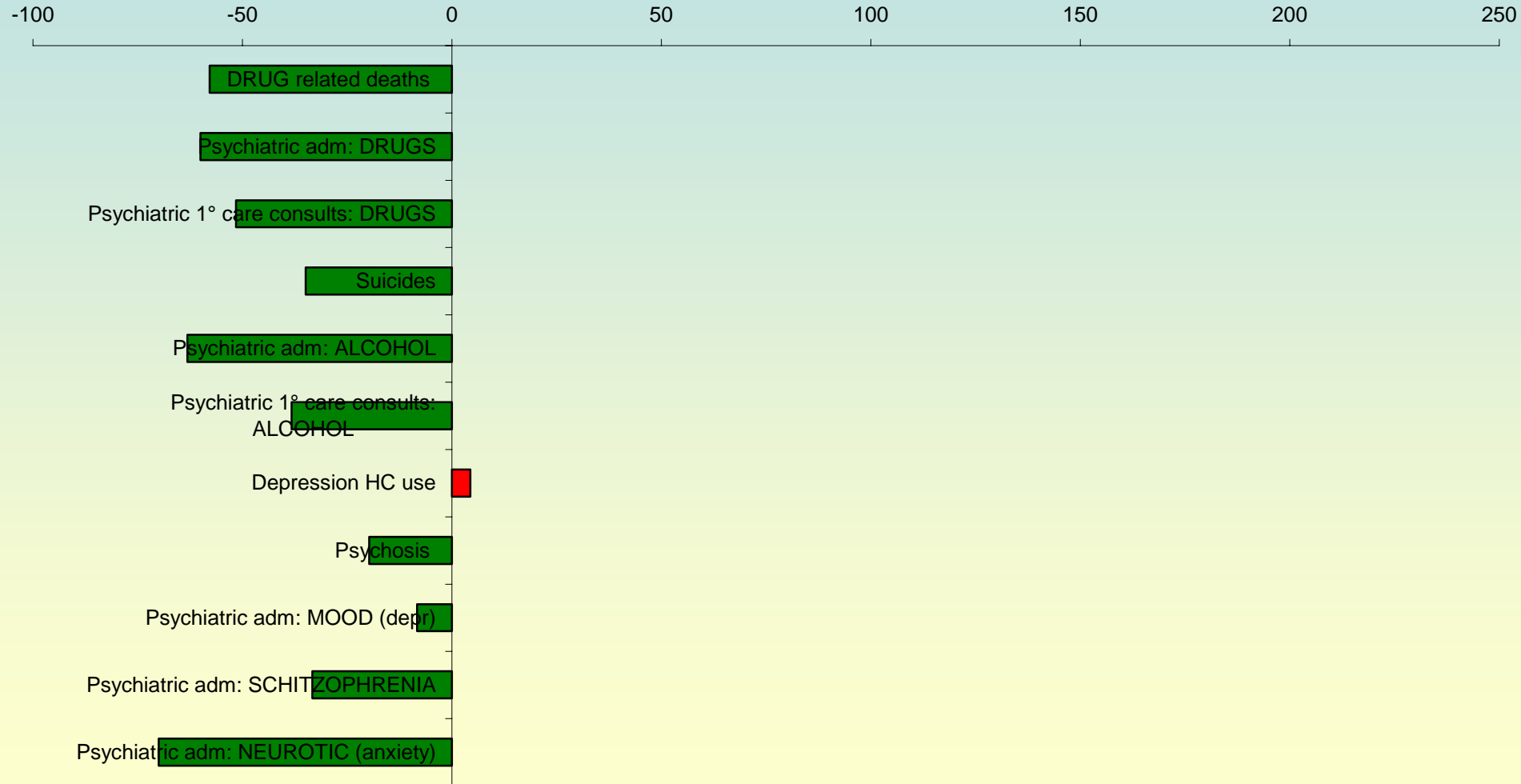
# **Geographical inequality**

## **Local Authority**

Mental Health Outcomes

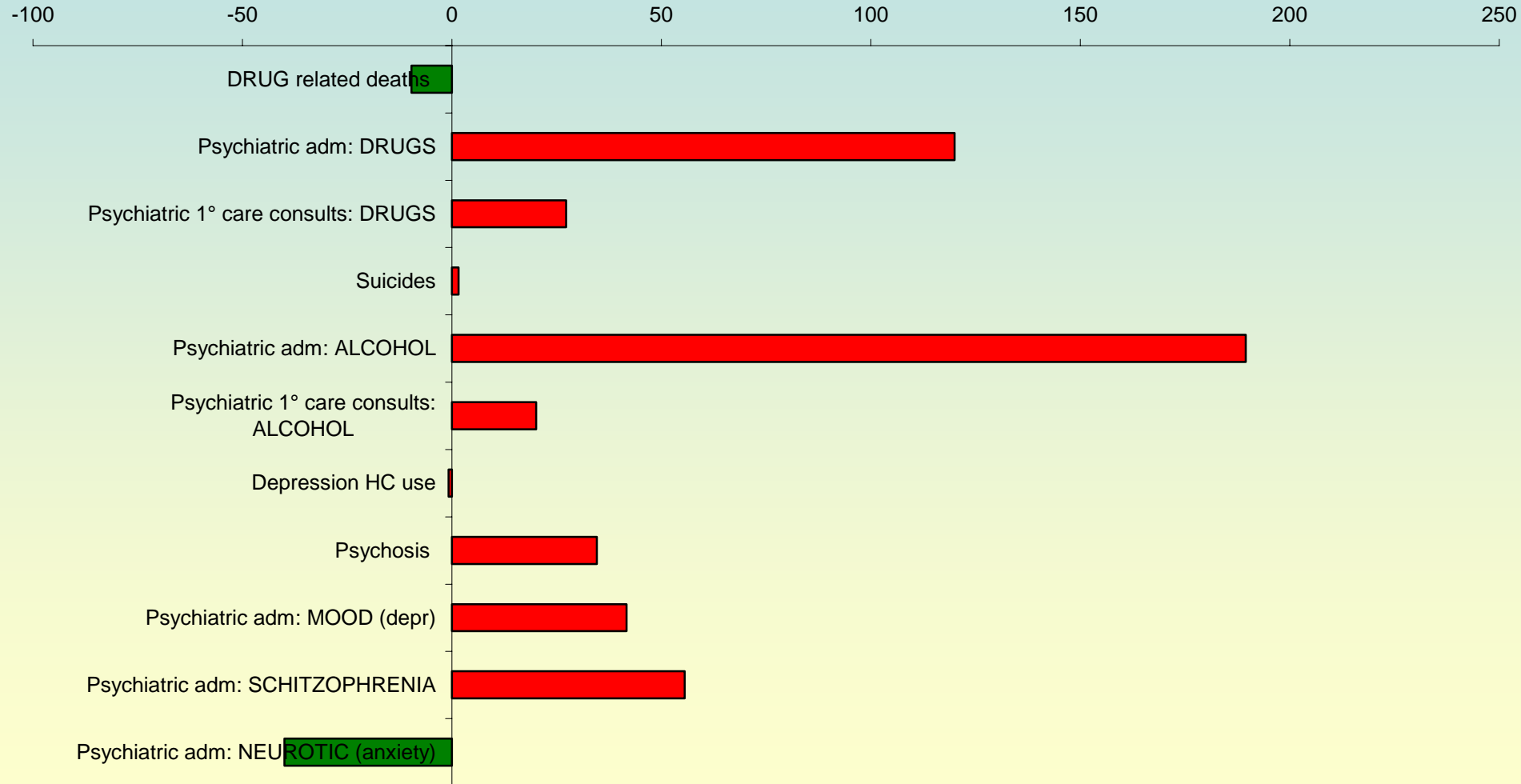
## EAST DUNBARTONSHIRE

(-'ve: Better) % difference from Scottish Average (+'ve: Worse)



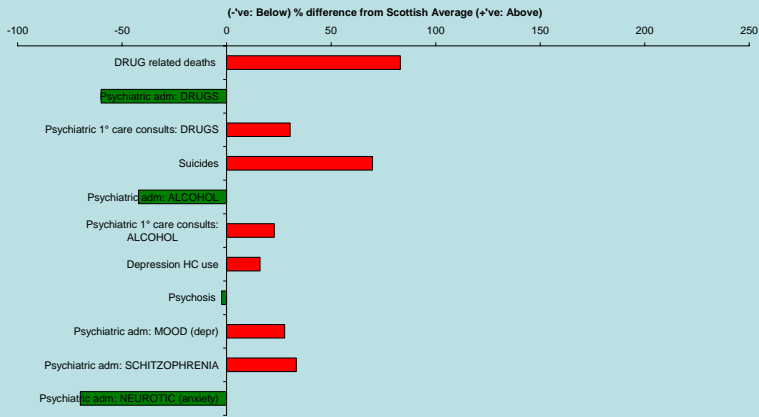
## INVERCLYDE

(-'ve: Better) % difference from Scottish Average (+'ve: Worse)

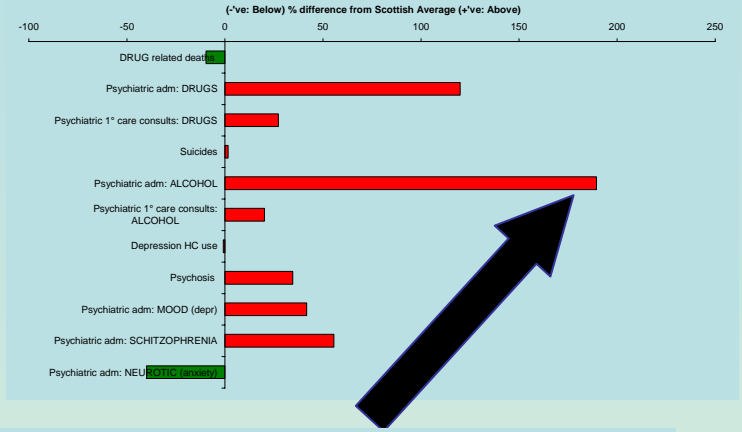




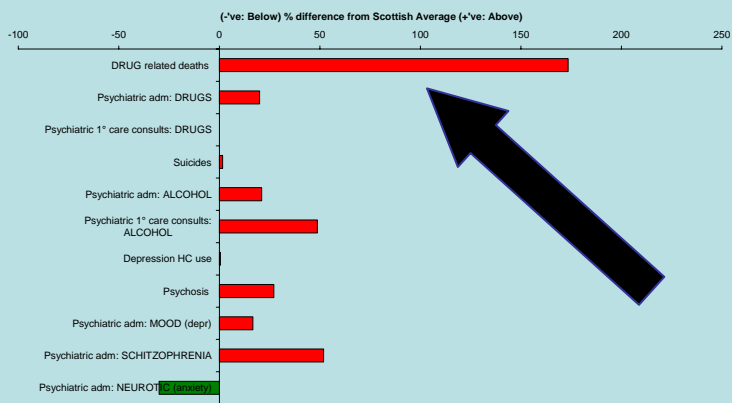
### WEST DUNBARTONSHIRE



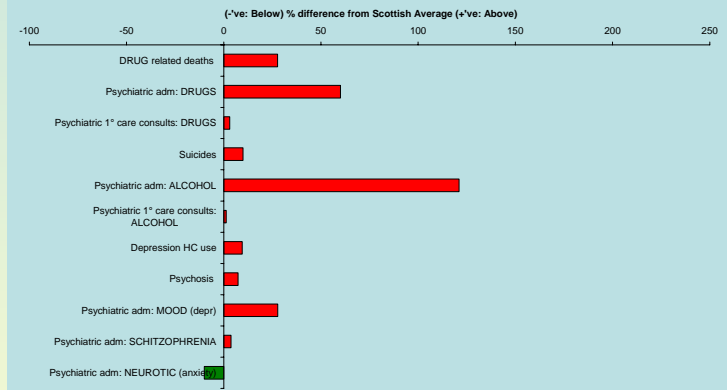
### INVERCLYDE



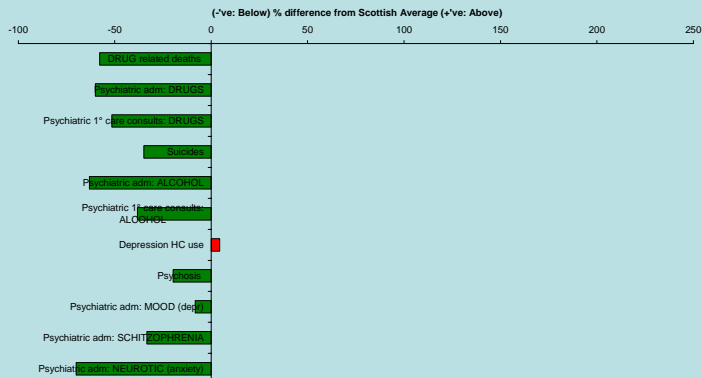
### GLASGOW CITY



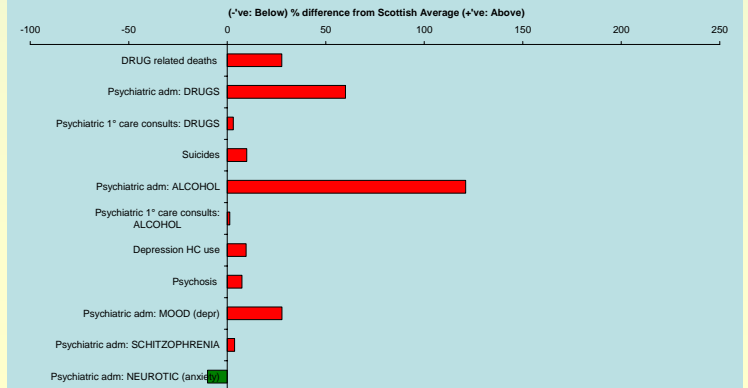
### RENFREWSHIRE



### EAST DUNBARTONSHIRE



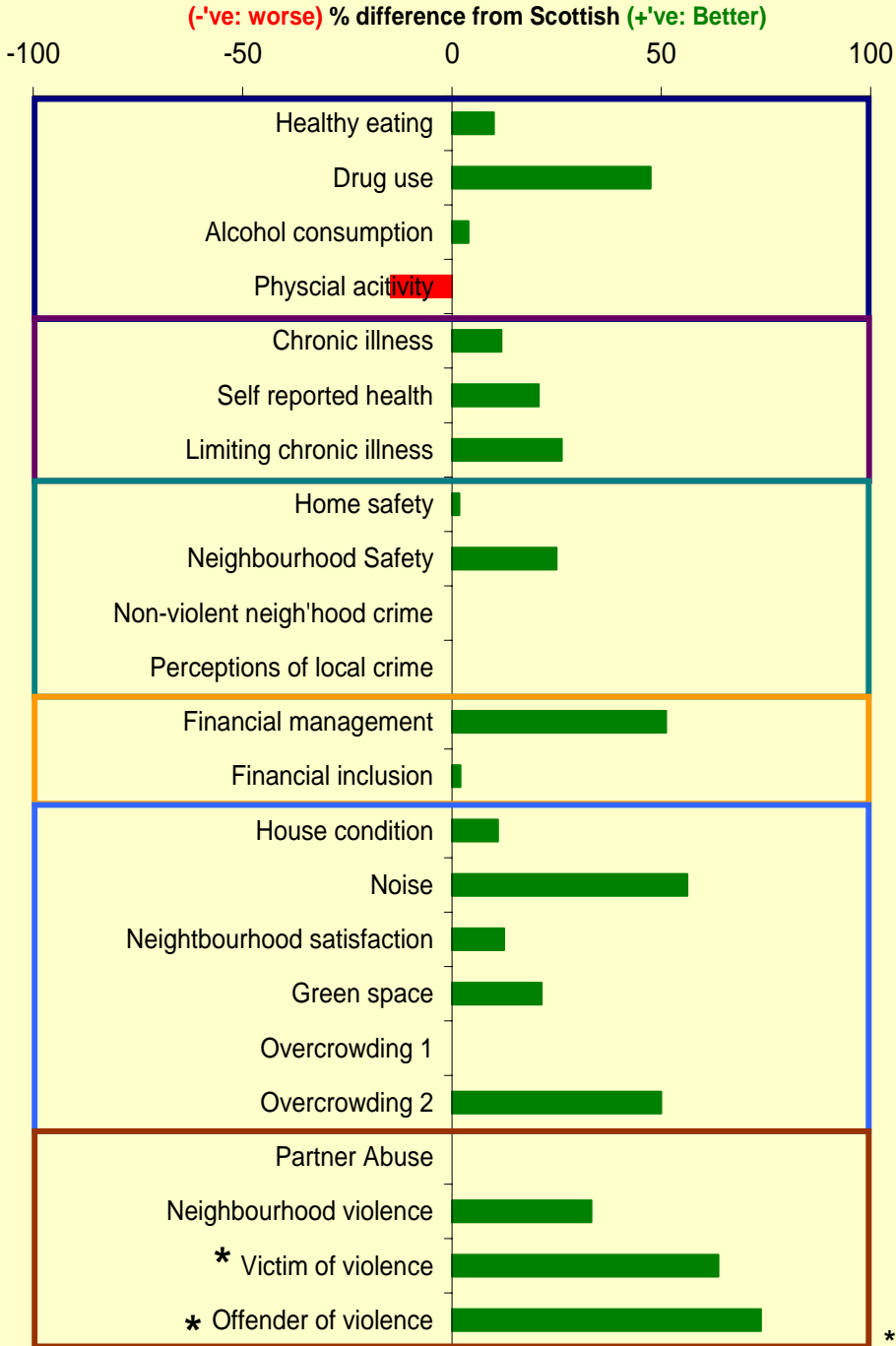
### RENFREWSHIRE



# Inequality by area deprivation

Contextual factors

# LEAST deprived quintile



**Healthy Living**

**General Health**

**Community Safety**

**Financial Security**

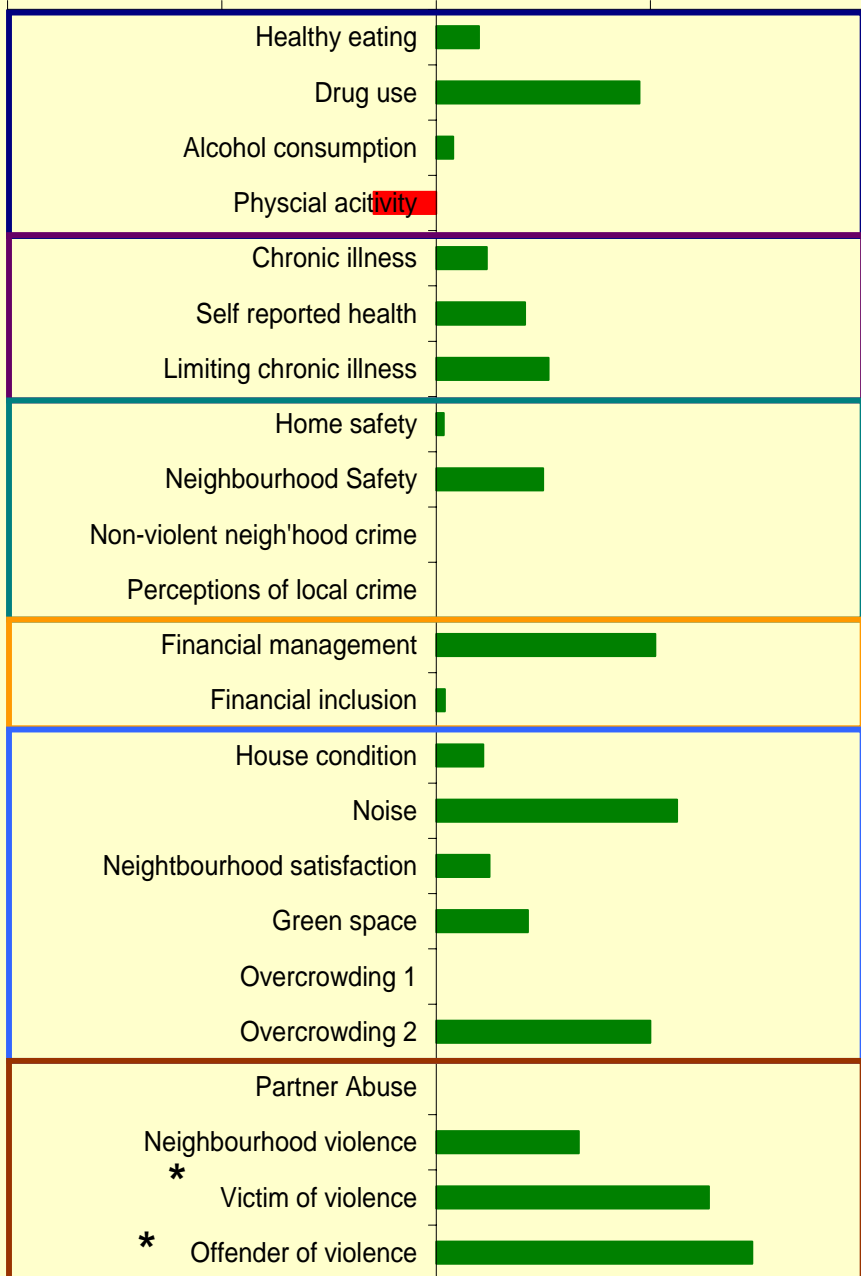
**Physical Environment**

**Violence**

\*Comparison is GG&C

(-ve: worse) % difference from Scottish (+ve: Better)

-100      -50      0      50      100



(-ve: worse) % difference from Scottish (+ve: Better)

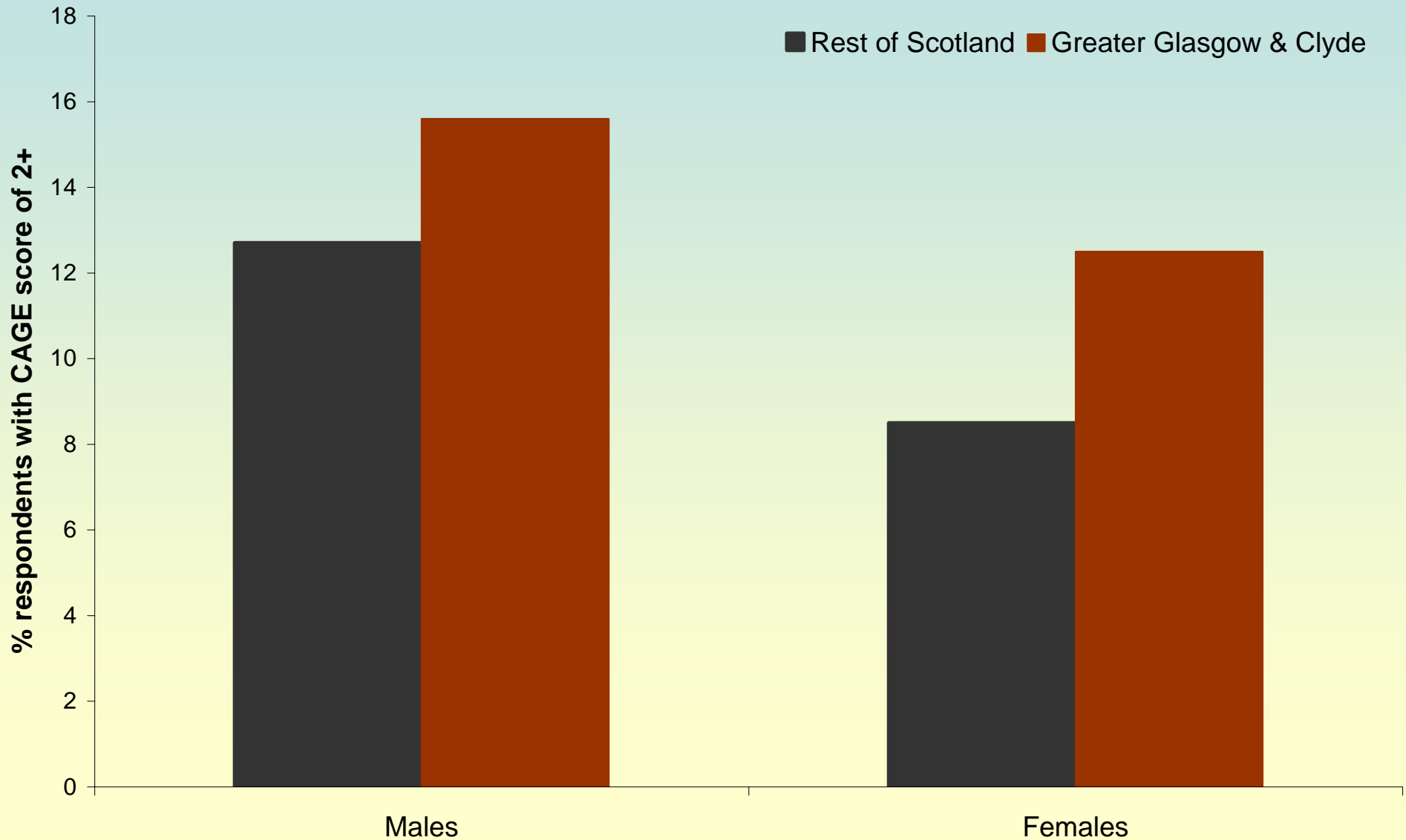
-100      -50      0      50      100



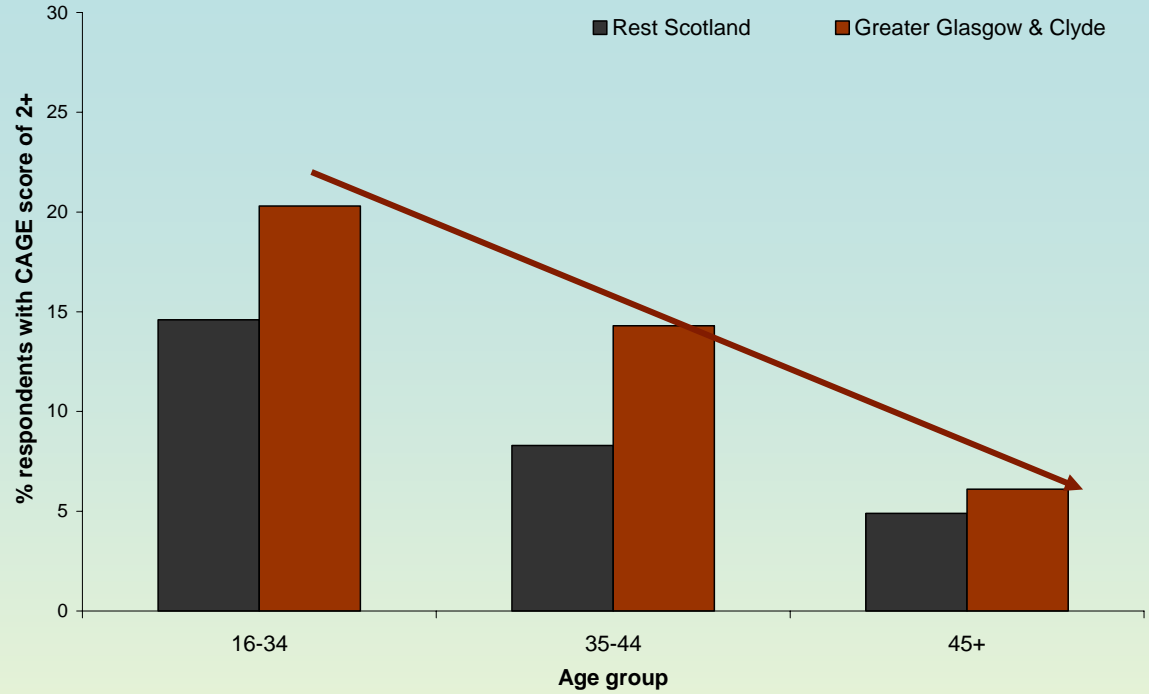
# Age and Sex

ALCOHOL DEPENDANCY

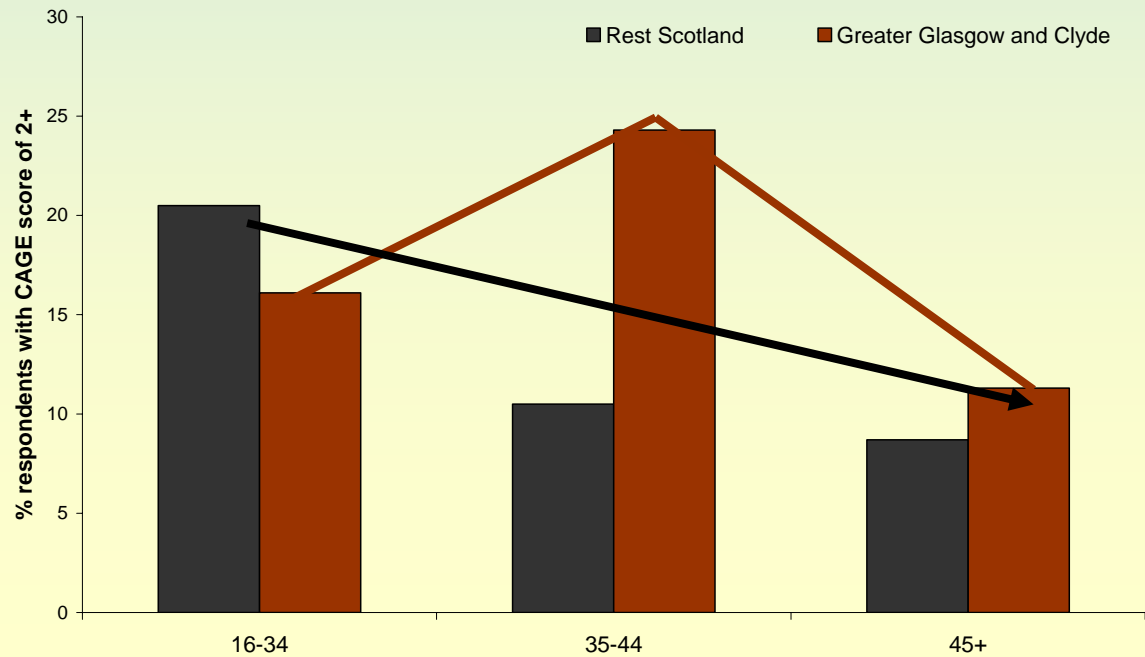
# % of respondents with ALCOHOL DEPENDANCY, 2008 [SHeS]



# FEMALES



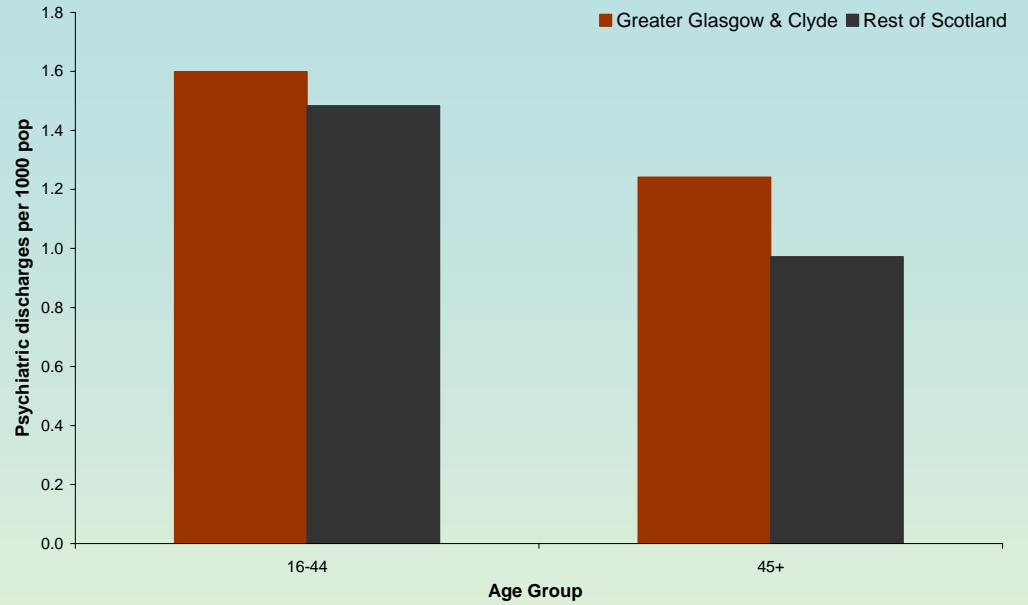
# MALES



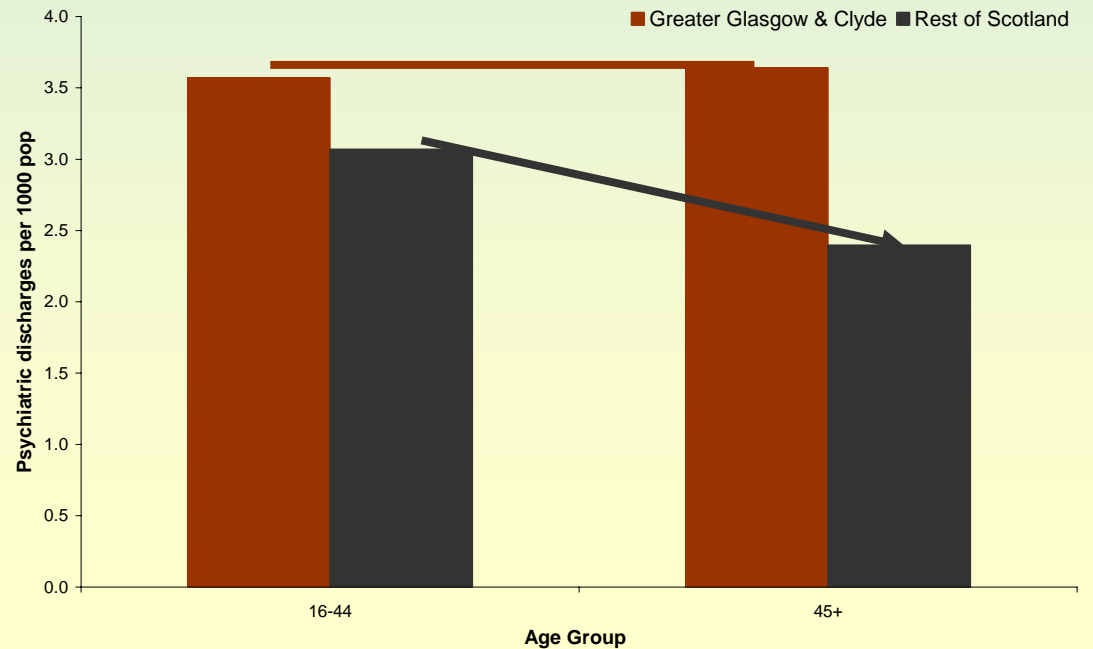
# Psychiatric admissions for **ALCOHOL-INDUCED** disorders



# FEMALES



# MALES



# Indicator sets “increasing harm”

DRUGS

ALCOHOL

# Indicator sets “increasing harm”

**DRUGS**

**ALCOHOL**

# Drugs

Drug use → GP consults → in-pt admissions → drug deaths

[Drug related]

[Drug related]

## Increasing Harm

Report to

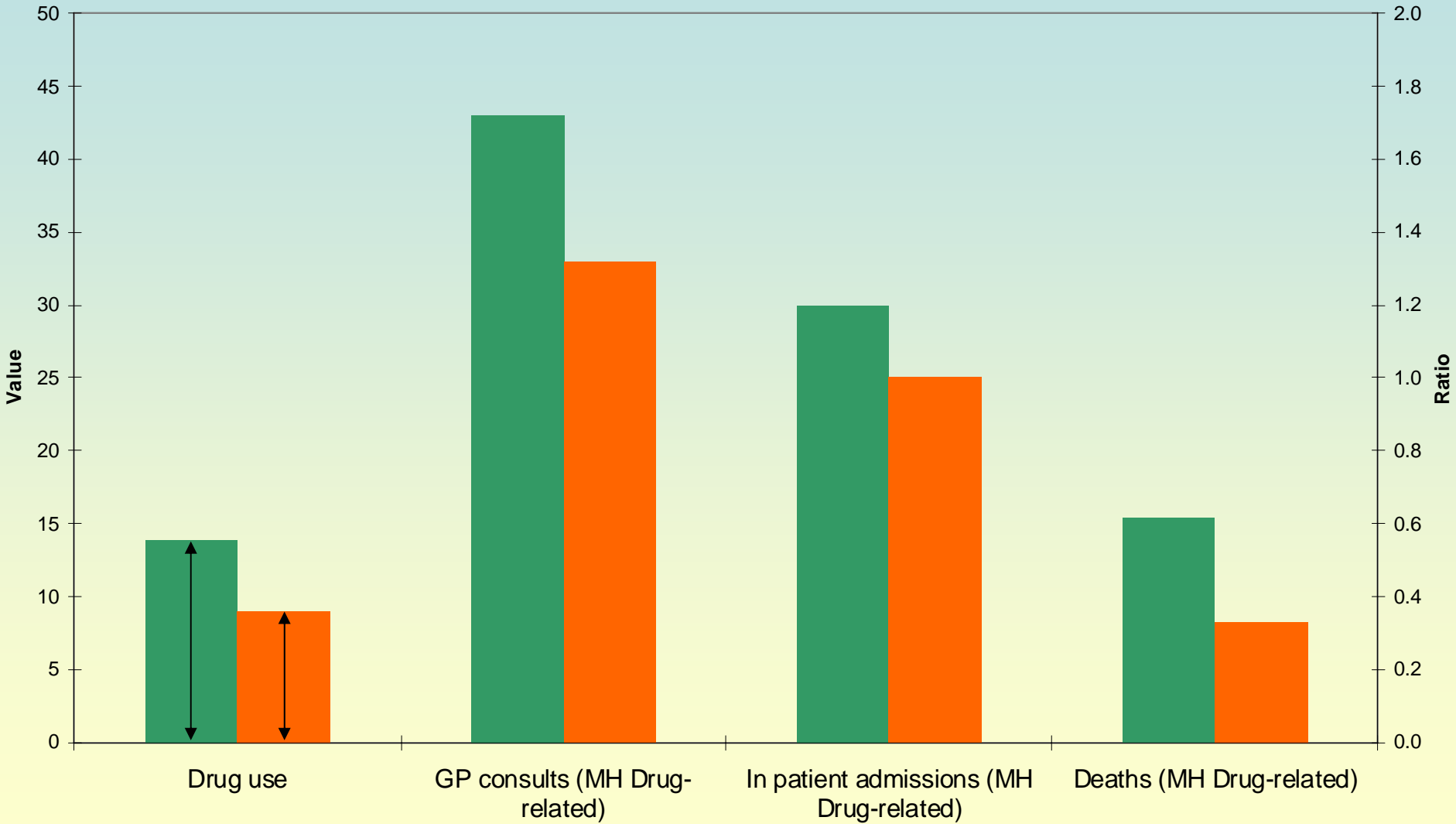
Primary care consultations for  
drug-related mental health  
reasons

Discharges from  
hospital - drug-in  
disorder

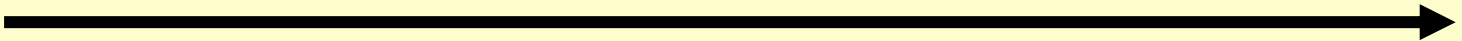
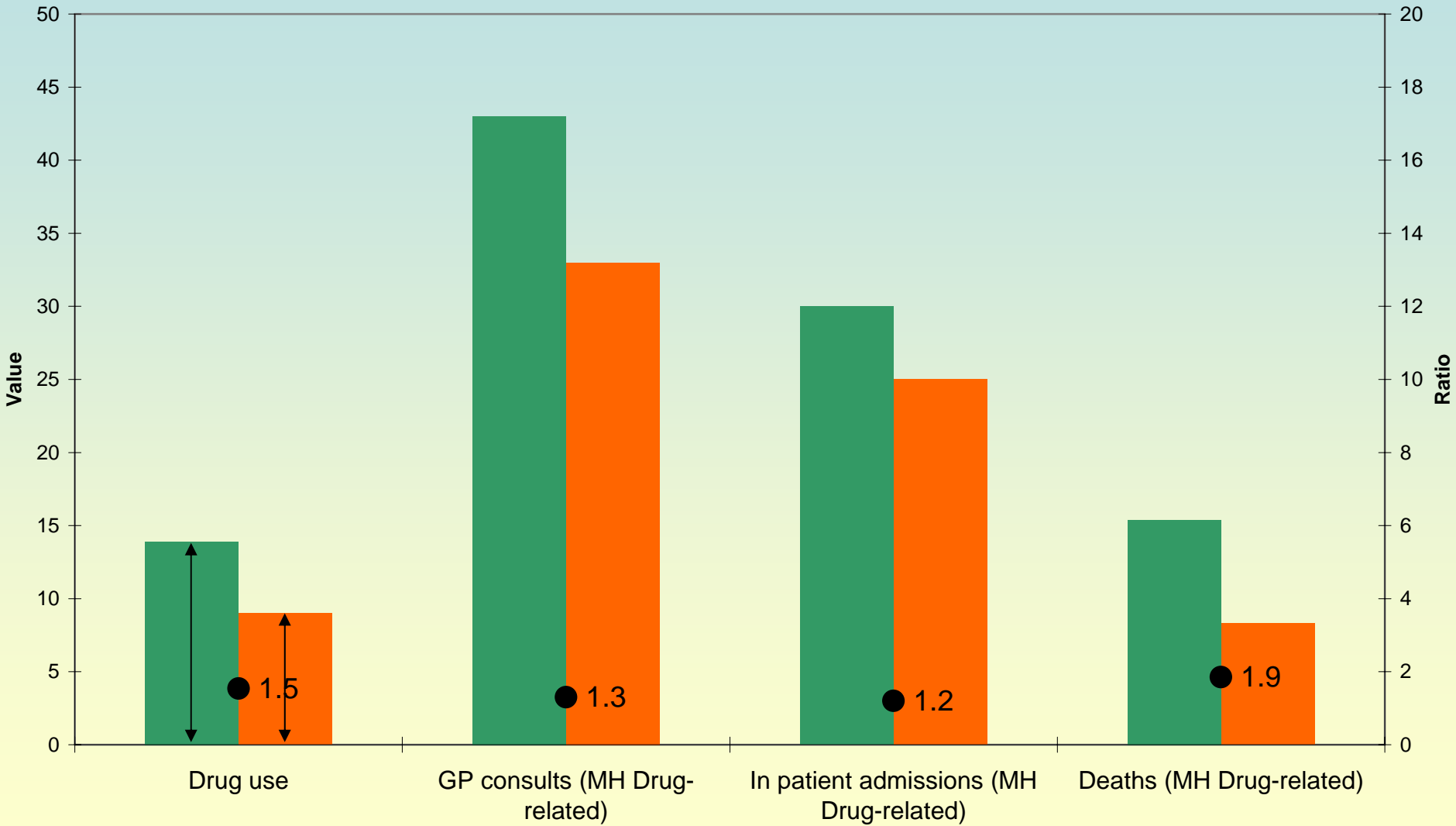
MH-related drug deaths

*[mental and behavioural disorders due to  
psychoactive substance use]*

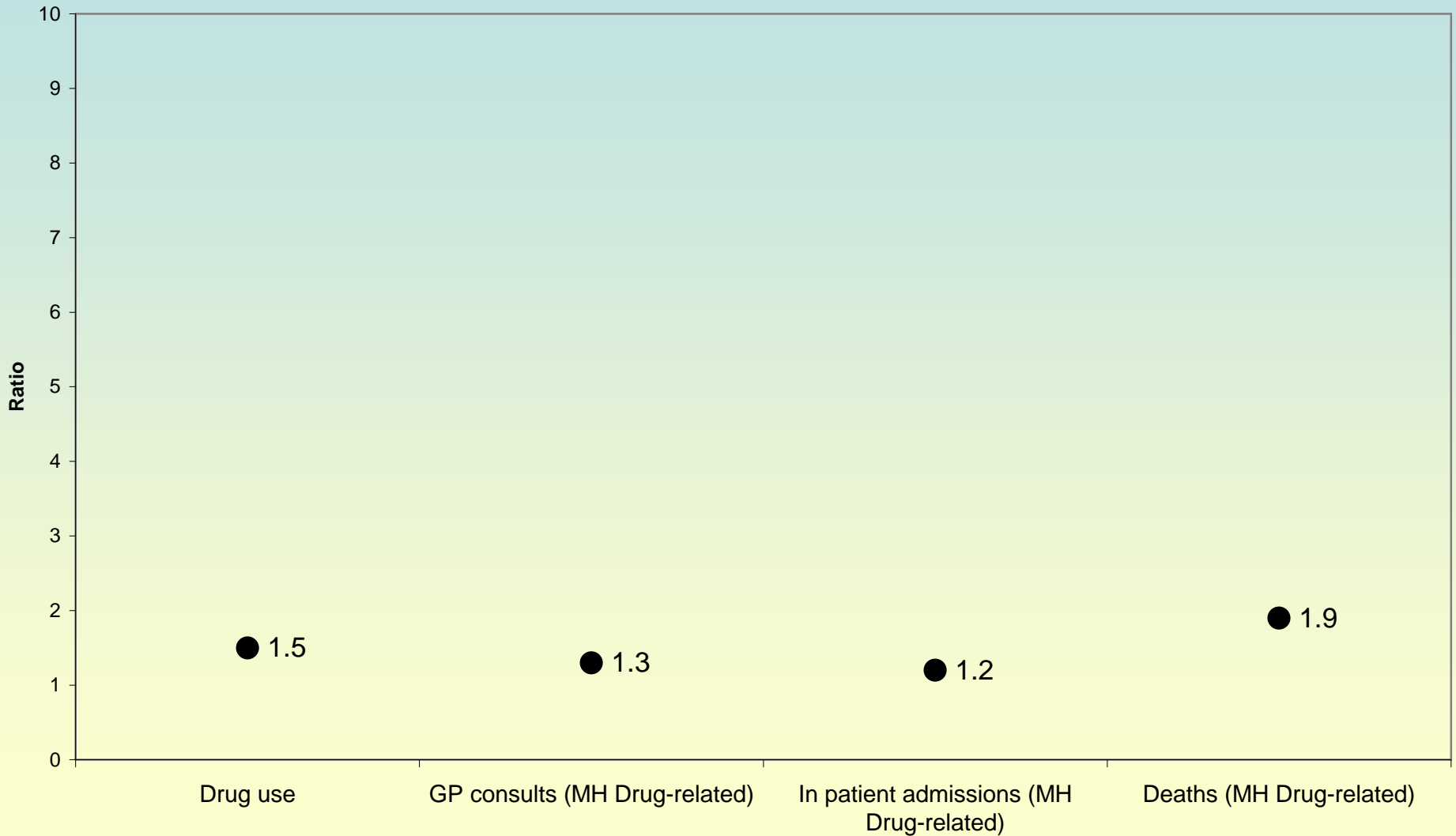
■ GG&C HB ■ Rest of Scotland Ratio



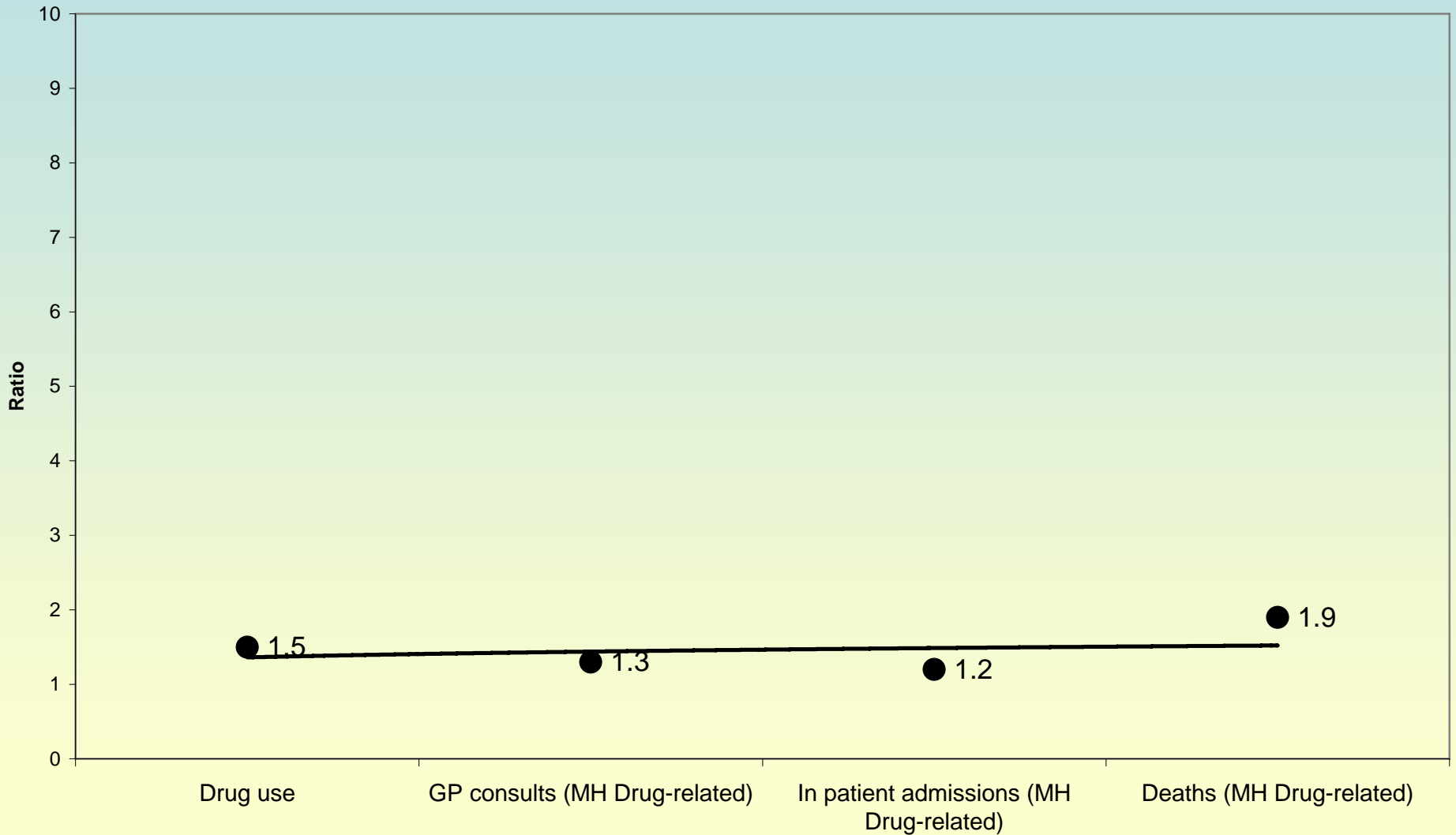
■ GG&C HB ■ Rest of Scotland ● Ratio



# Ratio – GGC v rest of Scotland

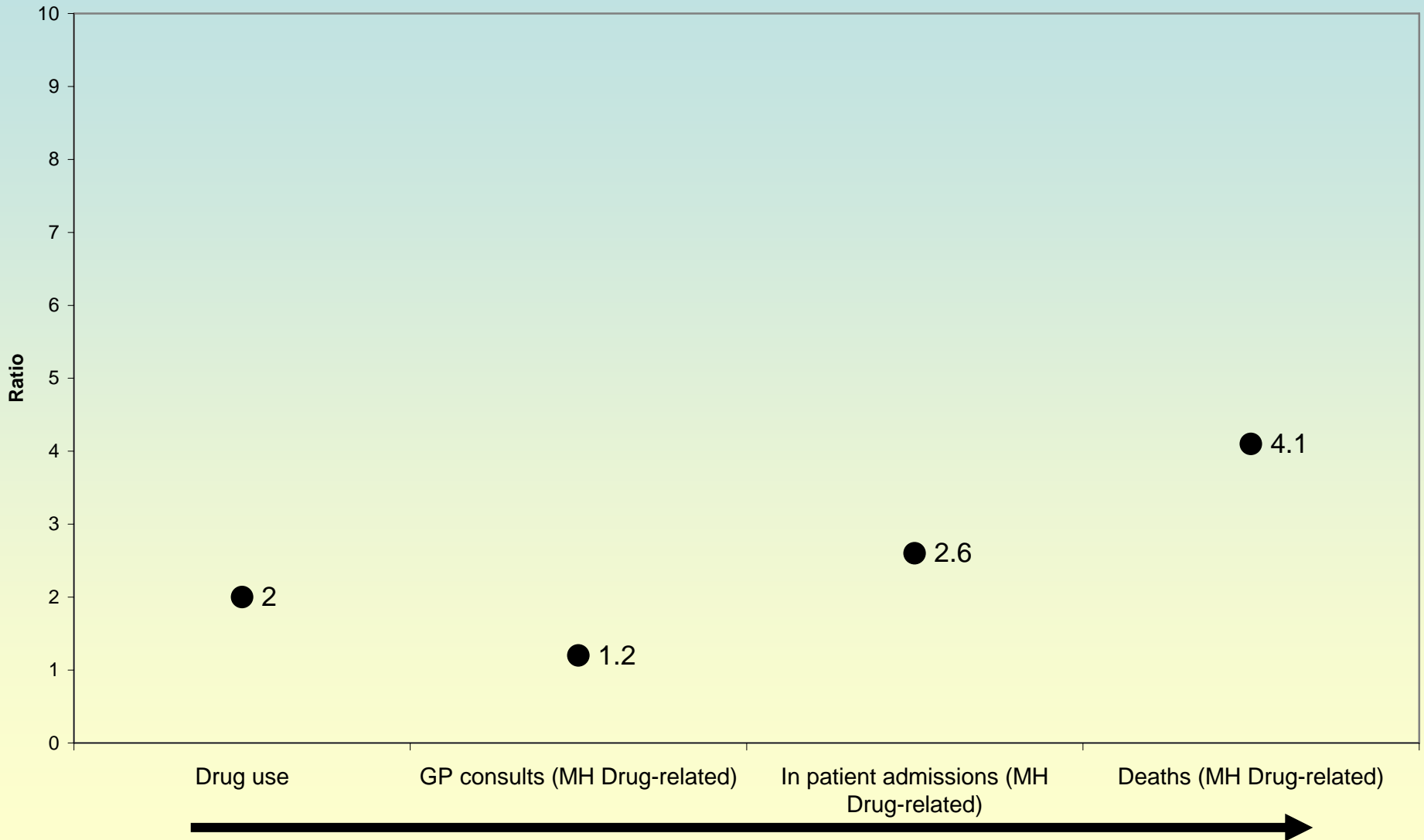


# Ratio – GGC v rest of Scotland

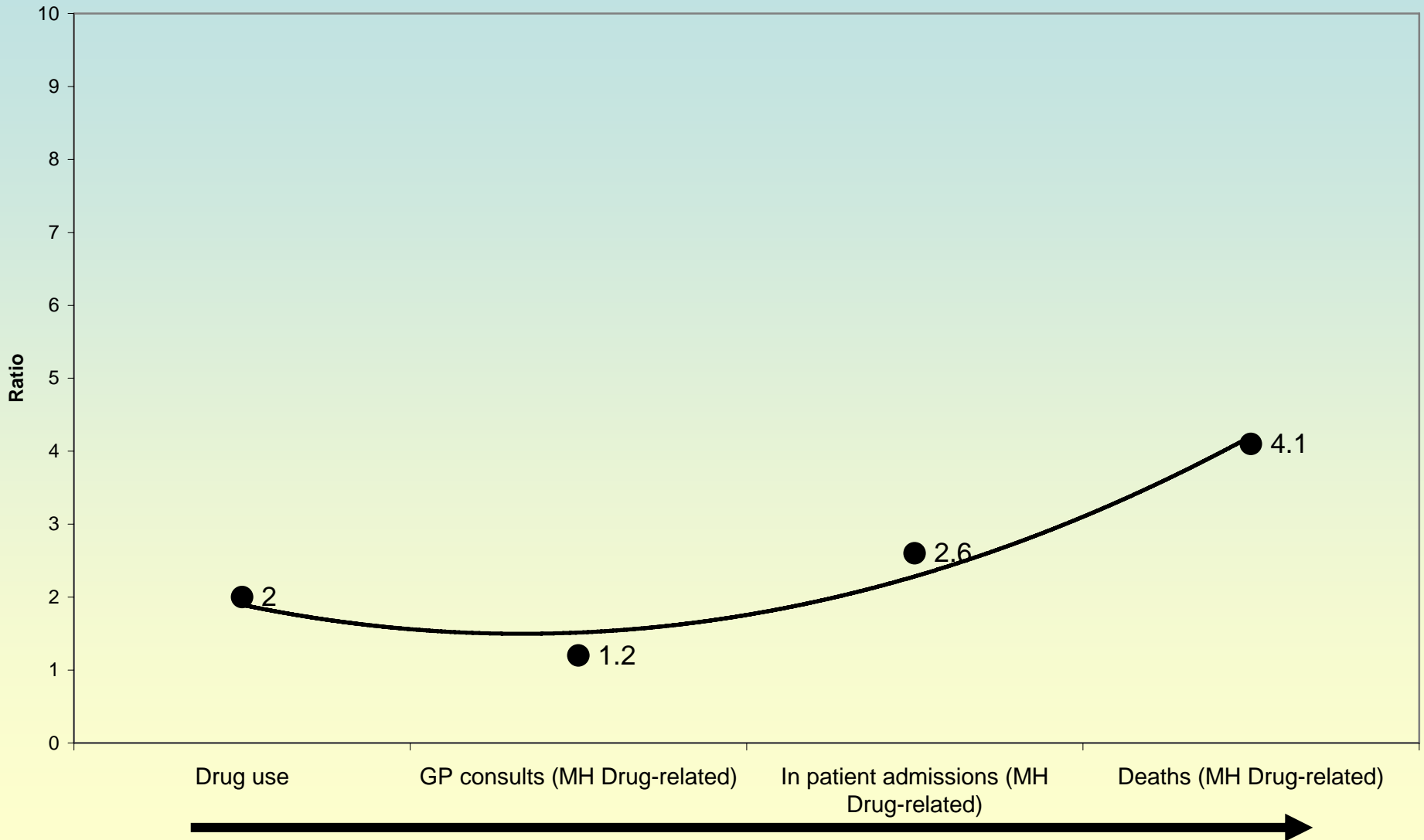




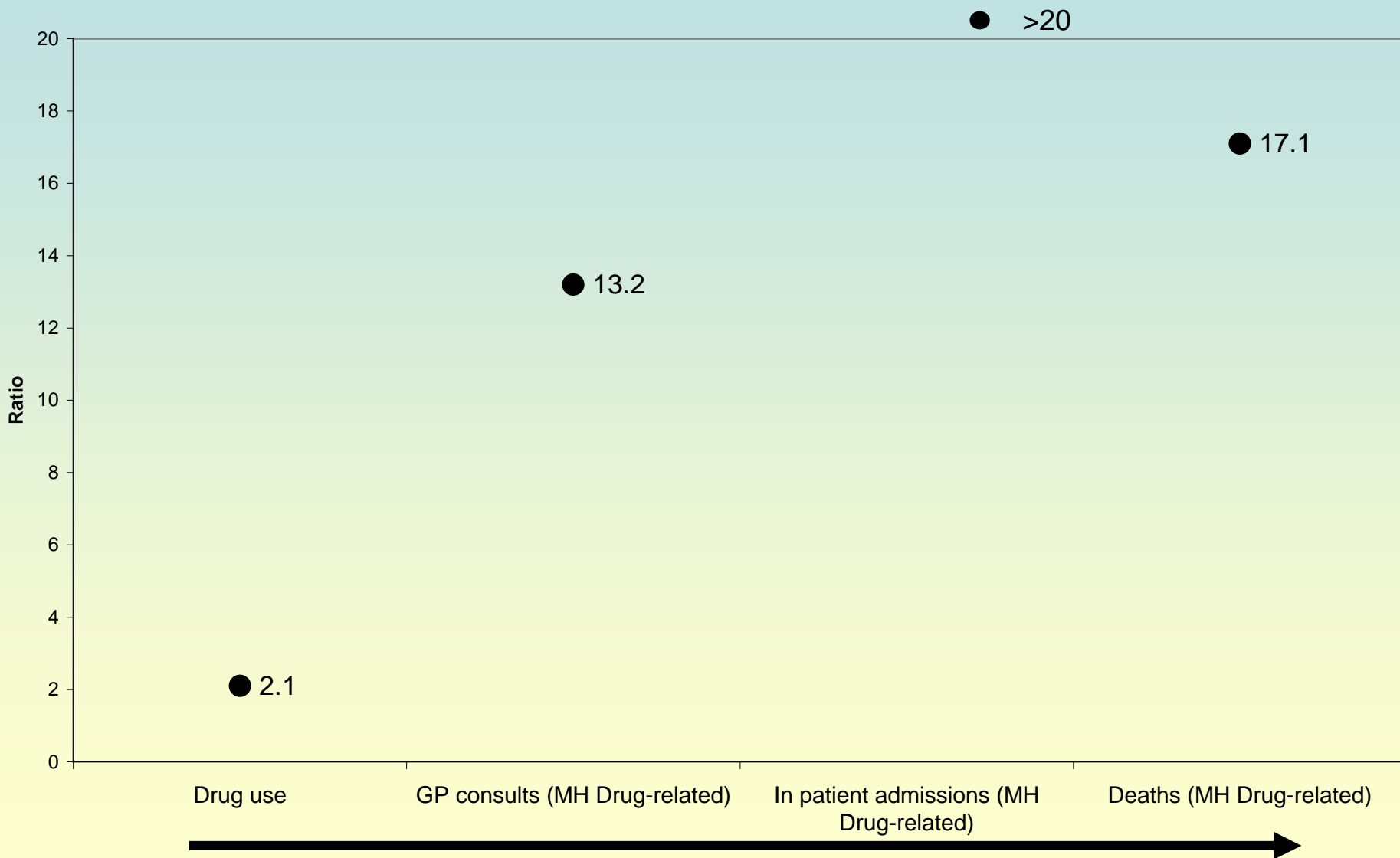
# Ratio – Males v Females



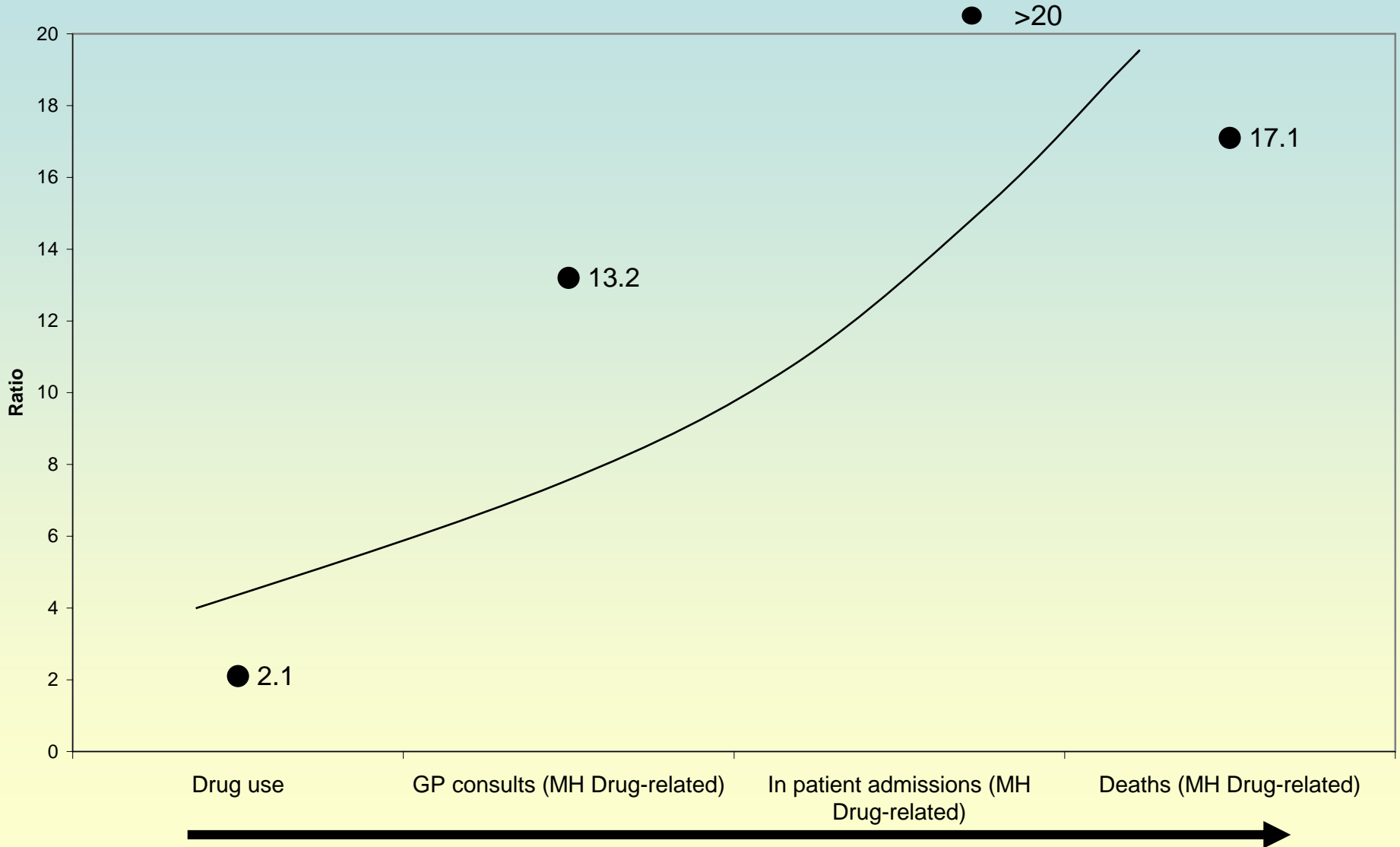
# Ratio – Males v Females



# Ratio – Males v Females



# Ratio – Males v Females





**Mental health  
profiles for  
Greater  
Glasgow &  
Clyde**

# EXTRA SLIDES

# Interpretation

Patterns in categories

Sensitivity of indicator

Financial inclusion: *“Percentage of households with access to a bank account, building society, credit union account or post office account “*

Population	% with bank account
GG&C	98
Rest of Scotland	99
Females	98
Males	99
Most deprived	97
Least deprived	100

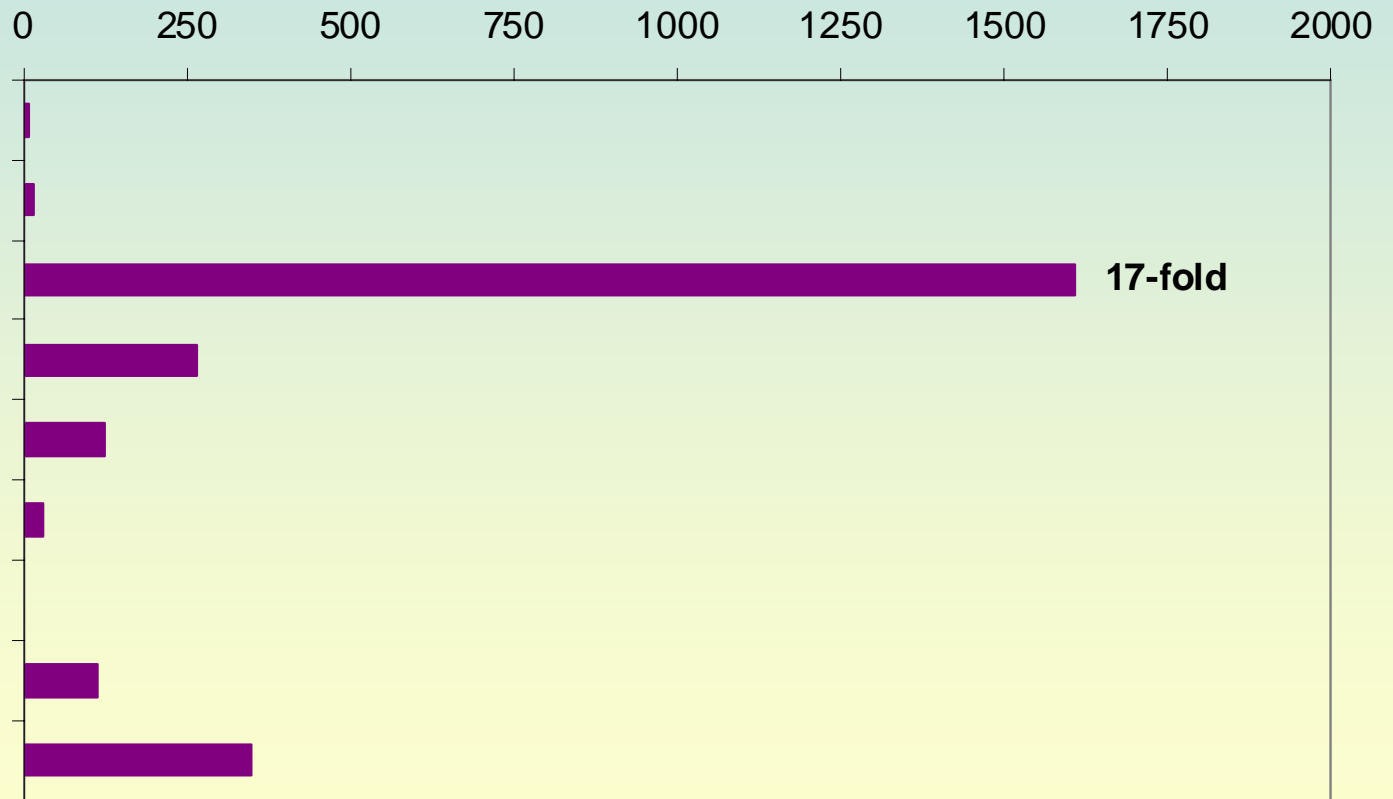
# DRUGS

- Drug use:** *% of adults taken illicit drugs [prev. 12mo]*
- GP consults:** *Patients consulting primary care for drug-related mental health reasons (per 50,000 pop)*
- In-pt admissions:** *Persons discharged from a psychiatric hospital - drug-induced disorder (per 50,000 pop)*
- Drug deaths:** *Adult deaths [prev. 12 mo] from “mental and behavioural disorders due to psychoactive substance use” (per 100,000 pop)*



# % Difference Between the Most and Least Deprived Quintiles

## MENTAL HEALTH OUTCOMES



# New Local Indicators

- Patient registers:

*Psychosis, depression (QOF)*

- Healthcare usage:

*Hospital admissions (by Dx); primary care consults (by Dx); outpatient referrals*

- Police Crime data:

*Domestic abuse; violent and non-violent crime*

- Worklessness:

*Incapacity Benefit claims (by Dx)*

*Job seekers allowance claims*