

# A&E effect of rapid telephone access method, FY 1011

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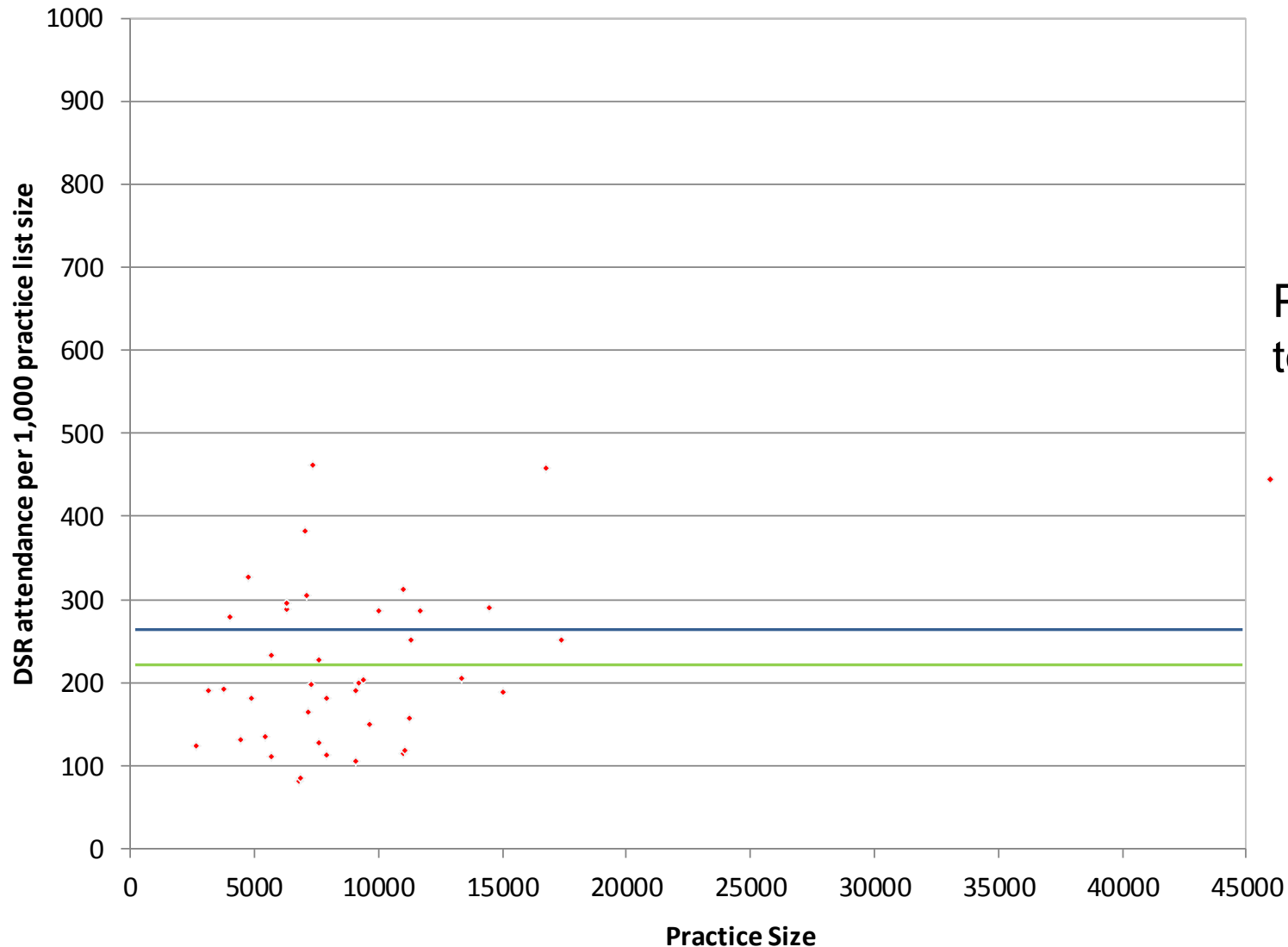
East Midlands Quality Observatory

Kings Fund, 14 September 2011

# National data

- All GP practices in England
- There are 41 practices we have identified using this kind of method (H Longman et al)
  - Combined population ~350,000
- DSR created for A&E attendance and admission based on list size
- Outliers excluded
  - $DSR > 1000$  and population  $< 1000$  ( 1.7% of practices)

# A&E attendances by practice (DSR per 1,000 practice population)



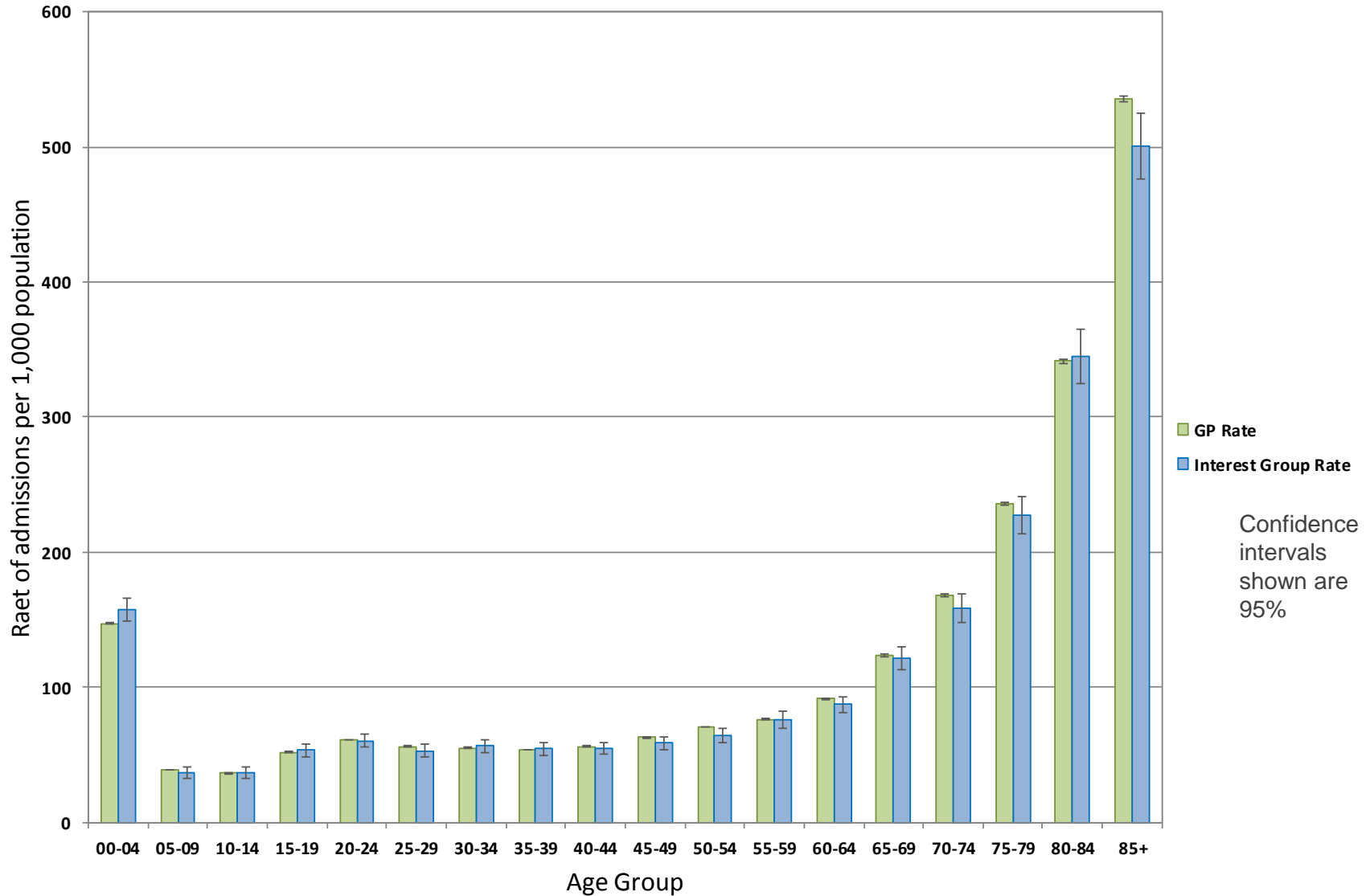
Play slideshow  
to build chart

• Interest Group

Mean = 267.5

Mean = 214.1

# A&E admissions by Age Group



# Summary

- Early investigation
- 41 practices with a combined population of ~350,000
- A&E Attendance DSR for normal practices = 267.5
- A&E Attendance DSR for interest group = 214.1
- Reduction of 20%
- $t$  – test = 0.000987073
  
- Early data for admissions showed an 8% reduction in patients > 75 y.o.
- This analysis is less convincing