



Research Questions

@PEG_Exeter

PICO research questions

P population

I intervention

C comparison

O outcome



PECO research questions

P population

E exposure

C comparison

O outcome



PS research questions

P population

S situation

#RU2drunk: Application of PICO, PECO, PS

@PEG_Exeter

#RU2drunk

- December 2014 the South Devon police implemented the pilot #RU2drunk initiative
- Breathalyzers to door staff at pubs and clubs
- Media attention
- Comparison between Torquay (breathalysers) and Paignton (no breathalysers)

If you're
trolled you
WON'T
be coming in



**To get into this venue you
may be required to take
an alcohol screening test**

Anyone who appears to be drunk
may be **REFUSED** entry

#RU2drunk

It is illegal to sell alcohol to anyone who is drunk

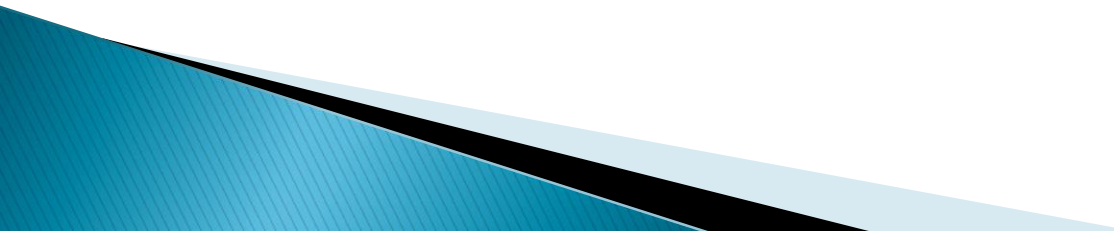


Devon & Cornwall Police
Building safer communities together

#RU2drunk

- ▶ Sources of data:
 - Secondary data
 - Survey data
 - Interview
 - Observation

Generate a PICO, PECO, or PS research question for **#RU2drunk**

- ▶ What research questions could you ask with this design?
 - ▶ What data would you use to answer the question?
- 

Research question 1

How did the rate of violent incidents (excluding DA) in the Torquay ENTE during the initiative compare to the rate in the Paignton ENTE?

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Intervention



Population



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Intervention



Comparison

Population

Research question 1

Outcome

How did the rate of violent incidents (excluding DA) in the Torquay ENTE during the initiative compare to the rate in the Paignton ENTE?

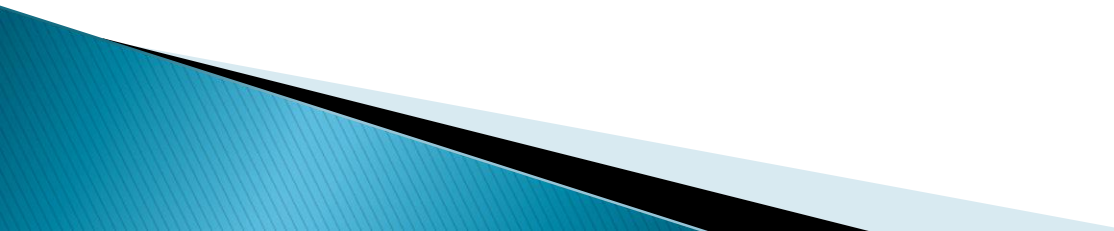
Intervention

Comparison

Population

Research question 2 & 3

- ▶ Did the rate of violent incidents (excluding DA) in the ENTE during the initiative change in Torquay compared to the year prior?

 - ▶ Did the rate of violent incidents (excluding DA) in the ENTE during the initiative change in Paignton compared to the year prior?
- 

Research question 2 & 3

- ▶ Did the rate of violent incidents (excluding DA) in the ENTE during the initiative change in Torquay compared to the year prior?

Populations



- ▶ Did the rate of violent incidents (excluding DA) in the ENTE during the initiative change in Paignton compared to the year prior?

Research question 2 & 3

- ▶ Did the rate of violent incidents (excluding DA) in the ENTE during the initiative change in Torquay compared to the year prior?



Intervention

- ▶ Did the rate of violent incidents (excluding DA) in the ENTE during the initiative change in Paignton compared to the year prior?

Research question 2 & 3

- ▶ Did the rate of violent incidents (excluding DA) in the ENTE during the initiative change in Torquay compared to the year prior?
- ▶ Did the rate of violent incidents (excluding DA) in the ENTE during the initiative change in Paignton compared to the year prior?

Comparison



Research question 2 & 3

- ▶ Did the rate of violent incidents (excluding DA) in the ENTE during the initiative change in Torquay compared to the year prior?

Outcomes



- ▶ Did the rate of violent incidents (excluding DA) in the ENTE during the initiative change in Paignton compared to the year prior?