

Index Number Revision

Paper 1: Index and weighted index numbers

Paper 2: Chain based index numbers

CPI

RPI

GDP

RECESSION

CRUDE BIRTH /DEATH RATES

STANDARD POPULATION

STANDARDISED RATE

1

(a) What is the base year for RPI?

(b) What is the base year for CPI?

2

Calculate the chain base index numbers for this data.

2018	106	
2019	106	
2020	105	
2021	107	

3

State when this country Mexico first went into recession.

<https://data.oecd.org/chart/6EBq>



Create a standard population for countries A and B listed below:

Age group	Country A Population	Country B Population
0-29	6 000 000	1 500 000
30-59	5 500 000	550 000
60+	2 500 000	120 000

Age group	Country A	Country B
0-29		
30-59		
60+		

Using your standard population from Question 4 calculation a standardised death rate for each Country:

	Country A		Country B	
Age group	Number of Deaths	Population	Number of Deaths	Population
0-29	7 000	6 000 000	6 300	1 500 000
30-59	20 000	5 500 000	3 000	550 000
60+	120 000	2 500 000	120 000	120 000

	Country A			Country B		
Age group						
0-29						
30-59						
60+						

