

Main subject:

Maths

Linked subjects:

1. PSHCE

2. Geography

Year

8

Title

The aim of this extension task is to:

To find connections between different countries and their populations, health and employment.

Why Not?
It's just for fun!

Context of task:

(Include a link to a real world situation where possible.)

Actual statistics from 2012

Questions / Issues to address:

Draw three scattergraphs using the attached data by following steps 1 and 2 three times

- 1) Pick the rankings from two categories and draw a scattergraph**
- 2) Write one paragraph describing any correlation to draw inferences about your two categories, detailing outliers and possible explanations for them**

Add images here for stimulus.

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Expectation

A graph generated by the computer or hand drawn. A powerpoint or paragraph comparing two of the factors. A statistical analysis of what you have discovered.

Deadline:

Note to students:

Use attached data.

It is not essential, but you are encouraged to extend this task into an area of your own particular interest . If you would like to do so, please discuss your ideas with your teacher.

Country	Adult HIV/AIDS Rank	Median Age of Women Rank	Median Age of Men Rank	Population Growth Rank	Literacy Rank	Life Expectancy Rank	Infant Mortality Rank	Unemployment Rank
Afghanistan	20	23	20	6	22	23	1	4
Belgium	12	2	1	20	4	4	22	10
Chile	8	9	11	14	9	5	15	11
Dominican Republic	4	15	14	9	16	7	9	5
Egypt	18	17	17	7	19	11	8	7
France	9	3	3	19	5	1	23	8
Greenland	22	10	7	21	1	16	17	18
Honduras	5	18	18	8	18	17	11	16
Indonesia	14	12	12	12	14	15	6	13
Korea, North	23	8	10	18	7	18	7	23
Latvia	6	1	4	23	2	12	18	6
Mexico	11	13	15	10	17	8	13	15
New Zealand	16	6	6	15	3	2	12	14
Peru	7	14	16	13	11	13	20	12
Qatar	15	16	9	1	15	6	19	21
Romania	17	5	5	22	8	9	16	17
Senegal	3	21	23	5	21	21	3	2
Thailand	2	7	8	17	12	10	14	20
United Kingdom	13	4	2	16	6	3	21	9
Vietnam	10	11	13	11	10	14	10	19
Western Sagara	21	19	19	3	23	20	2	22
Yemen	19	22	21	4	20	19	4	3
Zimbabwe	1	20	22	2	13	22	5	1

2012 Adult HIV/AIDS Prevalance Rate Rank (1 meaning the country with the highest rate of HIV/AIDS)

2012 Median Age of Women (1 meaning the country with the oldest median age for women)

2012 Median Age of Men (1 meaning the country with the oldest median age for men)

2012 Population Growth Rate (1 meaning the country with the highest population growth rate)

2012 Literacy Rank (1 meaning the country with the largest amount of people that that can read)

2012 Life Expectancy (1 meaning the country with the oldest age for life expectancy)

2012 Infant Mortality Rate (1 meaning the country with the highest rate of infant mortality)

2012 Unemployment Rate Rank (1 meaning the country with the highest percentage of unemployed people)