

- Which three countries have the lowest gender wage gap?

1. Costa Rica
2. Belgium
3. Denmark

- Which three countries have the highest gender wage gap?

1. Korea
2. Japan
3. Chile

- Do some research on the country with the lowest gender wage gap and comment on why you think it succeeded in achieving a low gender wage gap in 2015 (max. 150 words).

According to the OECD data, Costa Rica had a gender wage gap of 8.9% in 2015, which means that women earned 8.9% less than men for the same work on average. This was lower than the OECD average of 14.3%.

The Asamblea Legislativa/ Legislative Assembly is the legislative branch of the government of Costa Rica. According to International IDEA, 27 of 57 (47%) seats in the Asamblea Legislativa are held by women. More women in parliament means better legislative considerations for gender equality.

Costa Rica has a high level of legal frameworks that promote, enforce and monitor gender equality, especially on violence against women. In 2015, it had 83.3% of such frameworks in place

There is more unemployed women than man in Costa Rica, also more unpaid jobs are carried by women. Only more highly-qualified female workers tend to remain in the formal labour force (as measured), inflating female median earnings.

2. ● Explain what is happening in the graph during March 2020 with regards to isopropanol sales (max. 100 words).

The graph shows that the sales of isopropanol in the United States of America went up in March 2020 between 50% to 75% compared to the previous 10 months.

- Describe a possible reason for the observation you made about isopropanol sales in March 2020 (max. 100 words). Hint: Isopropanol is the main ingredient in hand sanitiser.

Sales of hand sanitizer have boomed around the world in March 2020 from 255% in UK to 1807% in Italy, due to the coronavirus outbreak, which created a high demand for hygiene products to prevent the spread of the virus. Hand sanitizer is considered one of the essential items for preventing the spread of the virus, and Isopropanol is the main ingredient in hand sanitiser.

3. Discuss the relationship between CO2 emissions per person and GDP per capita for each continent listed in the figure legend (max. 350 words).

Except a few Asian countries with a low GDP at the top of the graph with a highest CO2 emissions per person, the biggest CO2 emissions have an America's countries with a high GDP. The next are mostly countries from Europe and Oceania. Asian countries with a small GDP per capita are equally distributed in all levels of CO2 emissions per person, but the countries with a high GDP per capita are straight after Europe and Oceania. Africa has the lowest CO2 emissions per person and GDP per capita of all continents.

The relationship between CO2 emissions per person and GDP per capita for each continent is a complex one that depends on various factors. Generally speaking we can see a correlation between CO2 emissions per person and GDP per capita, meaning that richer countries tend to emit more CO2 than poorer countries. However, this correlation is not linear across countries.