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Egypt, factor 13: Demographics  
Egypt: Curbing population growth and empowering women

As Egypt quickly grows, the demographics worsen. The average household consists of four people. As most families are about this size the population growth is out of hand and is consuming Egypt quite quickly. Egyptians eat a lot of vegetables and beans, as meat is very expensive, so it is eaten on special occasions. Egypt's education exceeds most of the Middle East and is also free. Egyptians do have public and private healthcare companies.

On average, each family has about 2.5 feddans which is the equivalent of 2.5 acres of land. They grow a lot of rice, as it is the second most produced crop, as well as growing wheat, barley, vegetables, and even the common fig. They mainly use basin irrigation for their crop plots which is a simple method where water is spread across the plot by gravity. The average wage a day for an Egyptian is about \$16 in U.S. dollars.

Most of the food they eat is grown by them. Some of the major things holding farmers in Egypt back from improving agricultural productivity is that they don't share crops. Keeping them separated means more water is used and less space is available for growth, whereas if they shared crops and ditches, space and water would be saved. There is also a lack of use in using modern irrigation equipment, that can greatly increase productivity and decrease manual labor.

Modern day farmers also have to now combat climate change from excessive heat that cause droughts and kill crops. From lack of the modern day irrigation equipment and little water on hand when the dry seasons are especially bad crops can suffer and die very quickly destroying all of the farmer's hard work.

With the destruction of the crops and the farmer's hard work is the loss of money and for many their lively hoods. A lot of the farmer's depend on their crops for money as well as food to feed their own families. Others ways to combat drought would be collecting water from the air or ground. Such as digging new wells and hanging up fog nets or fog fences that catch the dew and hydration in the air.

The fog nets work by giving the water in the air something to cling on to and grab as water has a natural pull to objects. This is why there's dew in the morning as the fog settles the water clings on to the grass as it passes. When the water clings to the nets gravity will then pull it toward the ground where a bucket or container collects the water.

The demographics of Egypt are affecting the agricultural productivity with the increase of people. This is causing a shortage of food as there is not enough to feed everyone. As the urban areas expand to make room for new families, it pushes back farm land giving farmers less land to produce enough food for the country. As the population grows, this will cause poverty and starvation in the country.

Due to lack of land for the crops, the farmers do not have as much produce to sell either and this hurts their income. Without the necessary produce to feed all of Egypt, people starve causing malnourishment. Presently, the population is a growing problem, but is not as severe as it has been in the past 10 years. The growing population problem is finally slowing down though if action is not taken could pick back up and

become more severe. Egyptian women are both rural and urban poor, as women in Egypt are still considered property with very few rights.

Egypt is steadily growing in numbers, and the birth rate continues to rise. The problem is worsening, but can be corrected. This is being measured by the birth rate in each family household. The measurements show a gradual, but slow, increase in birth rate. Rural farms will be hurt by the developing urbanization as the population grows, and with the decrease in rural families, the decrease of produce will hurt urban families.

By resolving the issue, the boost to the farm production will come an increase in product quantity and quality. This will increase the average wages. With fewer people having to tend the fields with use of modern irrigation equipment, there would be more time and assets to run markets that would sell the product providing a place for all to buy and trade for food as well as farmers another chance to sell produce. By allowing women to run these businesses an increase of production could occur in all areas of work. Still the issue of recognition for women is also still as problem.

With the increase in food quantity and availability at the markets, fewer people would go hungry or starve and this would help with everyone meeting adequate nutrition. The decrease in child birth would cause less urbanization and would not happen as quickly, preserving the remaining farmland. By empowering the women, women would begin to become more independent and self-reliant, taking on jobs held by men in the same industry.

If the urbanization can be slowed, the decades ahead will have a steady rate of produce to accompany them with the thriving economy and population growth. A great deal of population growth could destroy the economy and rural farm land, leaving the future generations with less produce and income. If the Nile River (the main source of water for people, livestock, and farms) were to be polluted, it could potentially destroy the livelihood of the Egyptians.

The Egyptian government could begin to closely watch and monitor the population growth. While watching, steps could be taken to slow the population growth as to keep it under control and allow a strong food security for the rest of the population. This could be done by improving the knowledge of sex as well as providing efficient protection that would curve the birth rate, such as condoms or over the counter birth control. The government could even allow women to be prescribed prescription birth control.

Egyptian's knowledge of psychology is also very little to none. Most Egyptians do not even know that psychology jobs even exist. The lack of understanding for psychology also means many of the social issues go unresolved. This hosts a big problem with understanding each other as well as the position that women there are in.

Most women there are still housewives and are poorly treated. As women have started to take jobs that men once held it is frowned upon and not accepted very well. By empowering them, the women of Egypt would have a much broader list of jobs to do during their lifetime. The times women have gotten to work though they were not getting their deserved recognition while working and would quit or never begin to work opting to stay at home. This is caused by the lack of rights and respect for women in Egypt.

Egypt has gone through many revolutionary changes, including one back in 2011 where they had then current president Mubarak step down. This was done with peaceful protest. If not supported by the government, this would be a great way woman could begin to change the way they are treated in Egypt.

Families could also help with curbing population growth and even empowering women by teaching raising their kids at home differently. They could teach them to respect women and that women are just as capable as men. Choosing to use protection during sexual activity. The government could add teaching sex education classes to schools

The Egyptian government could invest in more funding in schools to teach these things and even provide classes. It would be for classes such as sex education. The Makhad Trust could be improved to help the communities more through building new houses, schools, digging new irrigation trenches for farmers, and by giving more to the communities as much as possible.

As the country expands, it should expand upon unused land by farmers. This would help farmers to keep producing enough for the country as the country's population grows with the thriving economy. If not, the land that is taken from farmers will not be used to grow crops causing great poverty in the nation.

With more and more kids being born in Egypt, a great Sustainable Development Goals (SDG) for the country would be upgrading and improving the infrastructure as to keep up with this population growth. By going through the new and much younger population, social changes could be made that are desperately needed without hurting the local traditions.

The urban communities should focus on business and industry in the cities and improving on the economy of Egypt. With a becoming economy comes more money and with more money, the rest of the country will benefit from it. The rural areas where farmers work is heavily important to Egypt's food security and should not be expanded on any further. With too much expansion and less farmland, the Egyptians would not be able to produce enough for the country's population. This would worsen the poverty in rural and urban areas both alike.

The national government should help with deciding how much expansion there should be and when to stop. They should also work closely with organizations that specialize in keeping the environment clean and pollutant free. These nongovernmental organizations should be willing to help and work with the government. Depending on agreements between the government and non-government organization, pay may be seen from the governments for the organizations help.

United Nations can send support from several countries to Egypt and even loan money that should be paid back later by Egypt with interest. The added support from other countries would not only help Egypt's economy and production, having the other countries help would show that the rest of the world cares about Egypt. This would give Egypt's citizens a much-needed sense of being loved and cared about.

Corporations in Egypt can and should give back to their community roots of Egypt. Egypt gave its resources to these companies during each individual's life while in Egypt. So me of these companies have now expanded to around the world from the success they saw in Egypt.

With Egypt's demographics being solved, the country could very well thrive and become very wealthy. With the self-sufficient farming the country has and the slowly growing urban area with the growing

population, the country is in a great place to grow. This will only be reached through fixes to the country's government, social, psychology, and women rights. The country's farm and rural area needs to be balanced with the thriving and expanding urban area. The balancing of farm land and urbanization is important as it allows farmers to have enough land to grow the food needed to feed this growing country. Much of the desert is not used and could be expanded upon with the help of pipelines and transported goods. This gives the farmers space to grow their crops without urbanization taking up all the land with the ever growing population expanding the urban communities.

Egypt's vast farming is part of what makes Egypt amazing as the farmers work off the Nile River. They use basic irrigation and yet still produce all the country's produce. They are an ancient civilization that have adapted to the modern world and lived on to become a modern Egypt. It is one of the most popular countries for tourist to visit with many activities for them to indulge in and enjoy.

This tourist money can also be used as revenue to better the country in ways such as improving women healthcare facilities to help with pregnancies as well as preventing them. Water treatment plants can be built along the Red Sea and Mediterranean Sea to treat water for crop and civilian use. This could also be directed to civilian use and allow the crops to use the water from the Nile River instead of both the public and farmer's crops.

The extra water can help out a lot as pipelines can move urbanization farther into the desert leaving the Nile River banks for farmer's crops who so desperately need it to grow their crops and feed the people. More space will also be available to livestock farmers who can push their farms out further from the Nile River with the help of the pipelines to provide their livestock with the necessary water needed for them to survive.

Egypt will continue to thrive and hopefully will fix these issues, so that the world can forever go on these amazing adventures in Egypt and the Egyptians will forever have a home in the desert. With amazing art, historic background, and food. Also, one of the most important places for religions as it is mentioned in many scriptures and books of religions. Egypt having been one of the oldest countries with 1 of the 7 great wonders of the world to visit. The country has much to offer from their unique culture and traditions.

In conclusion, Egypt has a vast, ever-growing infrastructure of farming and urban expansion. Women will continue to become equals as Egypt gets gender equality. Fighting for the rights of women as the country grows. Always expanding infrastructure for the new generation of Egyptians. The government will continue to grow and change with the country as well. By expanding farming we combat the problem of food shortages. By collection more water droughts are less of a threat and easier to combat with the extra collected water furthering the protection of food security. By curbing the population growth the problem of over urbanization and food shortages are corrected as well. The government and support of other countries as well as the understanding of Egypt's culture and traditions this can be accomplished. The ever expanding urbanization with population growth is causing farmers to have less land to grow the majority of Egypt's food supply putting the food security at risk. This is furthered worsened with population growth as there's less food to feed the growing population. Egypt's cultures and traditions have also have had an impact on these problems from getting the attention as well as the implemented solutions it needs to help solve them. Traditions that oppress women have a huge impact on population growth as well as their right's within the country and daily life. If then Egypt can receive the help and fix these issues, then what other ways can we help this great country? Why let this beautiful country full of history, culture, and glistening sands just be lost to time? We shouldn't sit by and just watch the country

crumble but, provide any support we can. If something is not done in the country it could be lost. The human right's issues Egypt also faces many other countries are having to face as well such as Saudi Arabia who also struggles with problems such as women's rights and traditions that are hurting the community. With the corrections and necessary help Egypt will be able to thrive and live on continuing the ancient countries way of life.

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