# Reproductive health

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Project Description:

*What is the selected issue or question that your project will address?*

* *Haiti is an island of the Caribbean region1. Although this region is really diverse in term of wealth, Haiti falls at the bottom of the list when we consider his GDP per capita (US$)2. However, it is at the top of the list for fertility rate 3. This create a situation where a family has several children of school age but only 240$ US a year to attend to the need of the whole family and explains why only 61% of Haitian population is literate4.*

*More than ever before the Haitian government is focus on reproductive health and this is showed by the recent commitment that they did at the family planning summit at London in 2017 to increase resources allocated to family planning5.*

Considering the actual budget deficit that is affecting the country 6, the financial resources are spare so they can only be allocated where fertility rate is likely to increase in the future.

*Who is the audience?*

* *The head of MSPP have the responsibilities to decide where to allocate the resources at their disposal. This has to be done base on clear information derive from trustworthy data. A part from those people, the international buyers such as “partners in health” , “Doctors without borders” and local partners need to understand the logic behind MSPP’ s allocations. So, this project is planned to be an opportunity for those actors to get a clear view of the situation.*

*What is the source of data you have in mind?*

* *As previously stated actually the monetary resources are scarce in Haiti so it would be difficult to plan a survey. Considering that fact we decide to use the most recent database available related to reproductive health in Haiti “EMMUS-VI”. This database was downloaded from the website of the Demographic and health surveys program.*

*What are the goals of your analysis?*

* *Describe the demographic characteristics that influence the fertility of Haitian woman*
* *Describe the socioeconomic characteristics that influence the fertility of Haitian woman*
* *Describe the reproductive characteristics that influence the fertility of Haitian woman*
* *Create a model that can predict the fertility of Haitian woman base on demographic socioeconomic and reproductive history*

*Bibliography*

*1-*<https://en.wikipedia.org/wiki/Caribbean>

2- [*https://www.statista.com/statistics/802613/gross-domestic-product-gdp-per-capita-latin-america-caribbean/*](https://www.statista.com/statistics/802613/gross-domestic-product-gdp-per-capita-latin-america-caribbean/)

*3-* [*https://web.archive.org/web/20200120192510/https://data.worldbank.org/indicator/ SP.DYN.TF RT.IN?end=2017&most\_recent\_value\_desc=true&start=2017&view=map*](https://web.archive.org/web/20200120192510/https://data.worldbank.org/indicator/%20SP.DYN.TF%20RT.IN?end=2017&most_recent_value_desc=true&start=2017&view=map)

*4-*[Literacy in Haiti – Partners in Literacy Haiti (haiti-literacy.org)](https://haiti-literacy.org/literacy-in-haiti/)

5-[FP\_Summit\_2017\_Commitment\_Summary\_1.pdf (familyplanning2020.org)](https://www.familyplanning2020.org/sites/default/files/FP_Summit_2017_Commitment_Summary_1.pdf)

6-[Le Nouvelliste | Un déficit budgétaire de 23,6 milliards de gourdes entre octobre et décembre 2020](https://lenouvelliste.com/article/226200/un-deficit-budgetaire-de-236-milliards-de-gourdes-entre-octobre-et-decembre-2020)