

## Covid-19 Impact on Environment

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### ABSTRACT

This research aims to highlight the positive impact of COVID-19 on Environment. This research start by planning the questionnaire with the help of google forms which consist of 7 different questions related to environment with only two options YES or NO and then circulated it to 555 folks via a two big platforms like G-Mail and Facebook in order to get maximum responses and we got 211 comebacks. The response rate of this survey is 38%. To know the impact of COVID-19 on Surrounding, Statistical Analysis has been done via percentage analysis as well as several types of charts. This research comes to conclude that majority of the folks notice lots of positive impacts of covid-19 on climate as well as on environment. They notice heavy reduction in noise pollution, air pollution etc., and know that lockdown is blessing for ozone layer as well as for climate and environment. As lockdown gives lots of negative impacts on other things but for environment, this lockdown is not less than a blessing.

### 1. Introduction

Today maximum countries around the world has been shut down just because of Corona Virus Disease 2019(COVID-19) [1]. Though this virus disturb everything and had a negative effect around the world but on the other hand there are several positive things has been done because of COVID-19 and this research has been carried out to highlight the positive things which happens just because of this virus [2]. We know that the pollution is one of the biggest problems and it was continually increasing day by days in the past years like air pollution, noise pollution, water pollution etc. and this pollution increase just because of human activities [3]. But in 2020 as corona shutdown the maximum countries, the big fall in the increasing line of pollution has been noticed and this fall happened because of banned in human activities, we can take the example of ozone layer which is important for us because ozone layer protect us from the harmful rays of sun and in previous years it has been depleting vastly just because of heavy release of smoke from the different types of vehicles [4]. But a good thing happened because of lockdown, people raise the slogan of stay home and stay safe and the use of vehicles become less and the Filling of ozone layer start rapidly and now a lot of layer has been filled which is the positive sign for us [5]. Similarly, we can see the big reduce in noise pollution as well and as lots of industries stop just coz of this pandemic, Water pollution has been declining [6]. Now, it seems like that humans are more lethal for environment as compared to COVID-19 Pandemic [7-10].

### 2. Objective

This research aims to highlight the positive impact of COVID-19 on Environment.

### 3. Methodology

This research start by planning the questionnaire with the help of google forms which consist of 7 different questions related to environment with only two options YES or NO and then circulated it to 555 folks via a two big

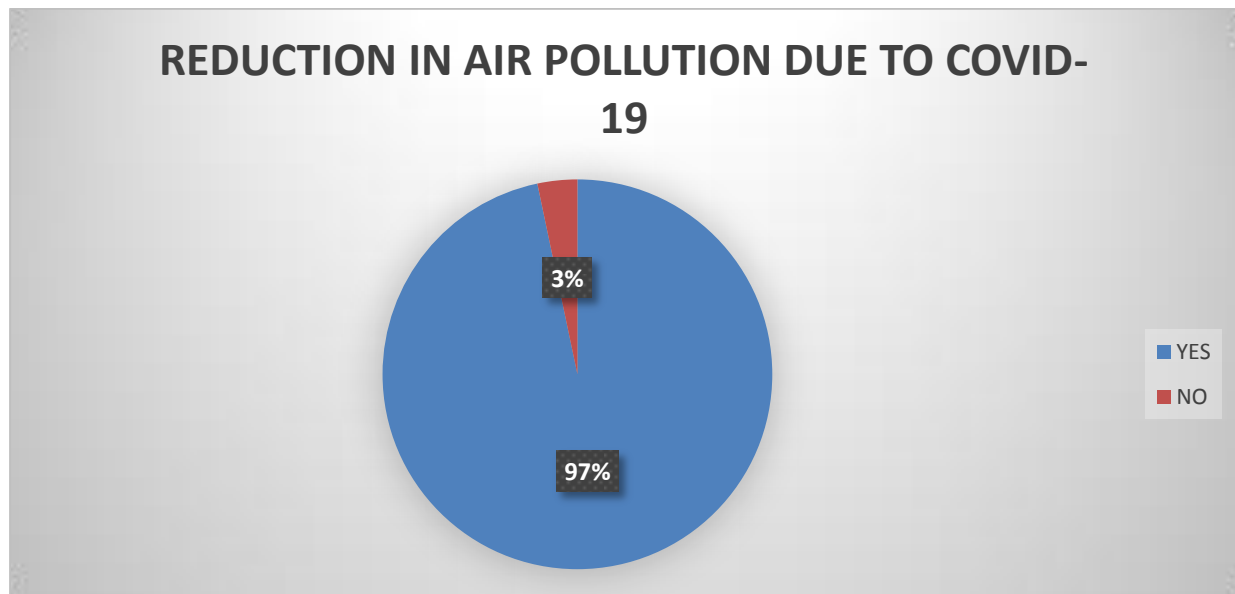
platforms like G-Mail and Facebook in order to get maximum responses and we got 211 comebacks. The response rate of this survey is 38%.

#### 4. Statistical Analysis

To know the impact of COVID-19 on Surrounding, Statistical Analysis has been done via percentage analysis as well as several types of charts.

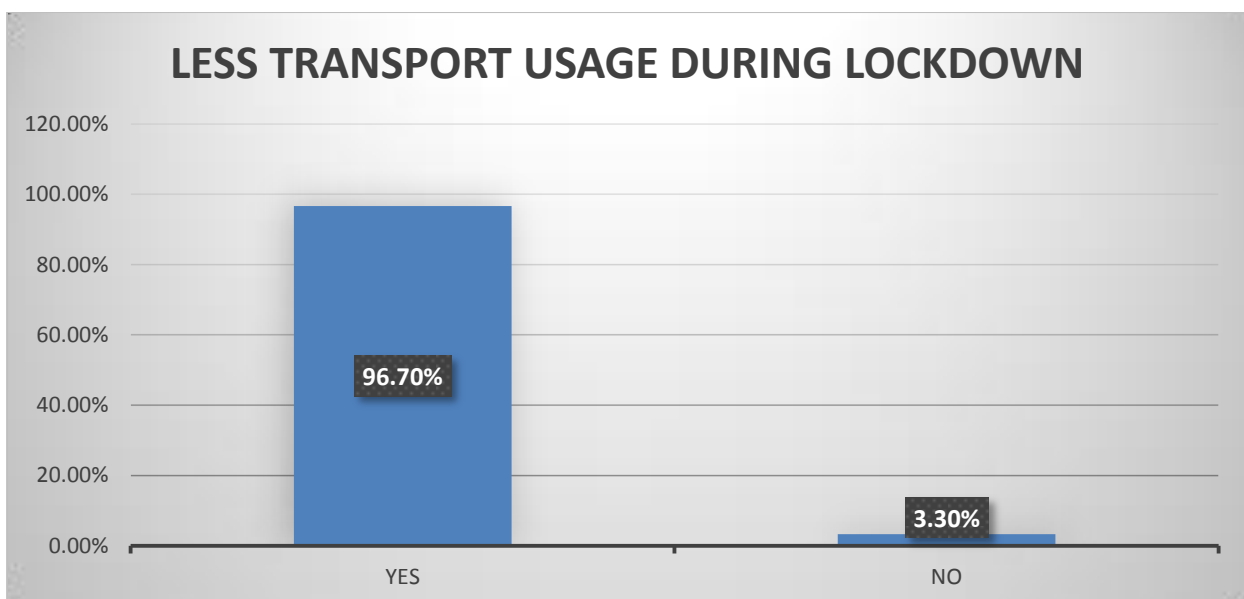
#### 5. Results and Discussions

The outcomes of this survey are listed in the following section.



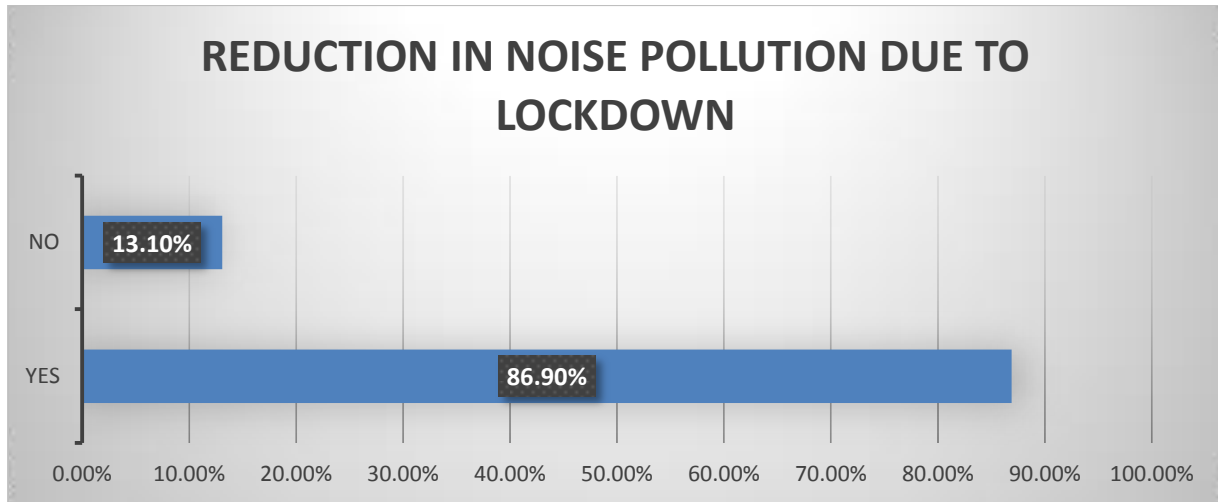
**Fig.1.** Reduction in Air Pollution due to Covid-19

This chart shows that 97% folks notice heavy reduction in air pollution and only 3 notice heavy reduction in air pollution and only 3% thinks that there is no reduction in air pollution.



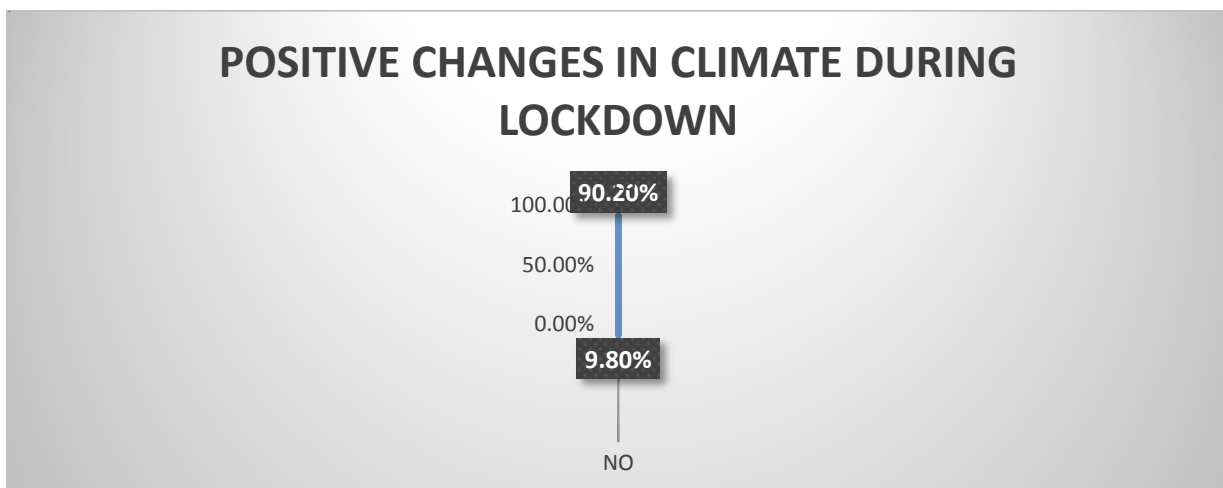
**Fig.2.** Less Transport Usage during Lockdown

This graph shows that 96.7% individuals think that people use less transport during the lockdown.



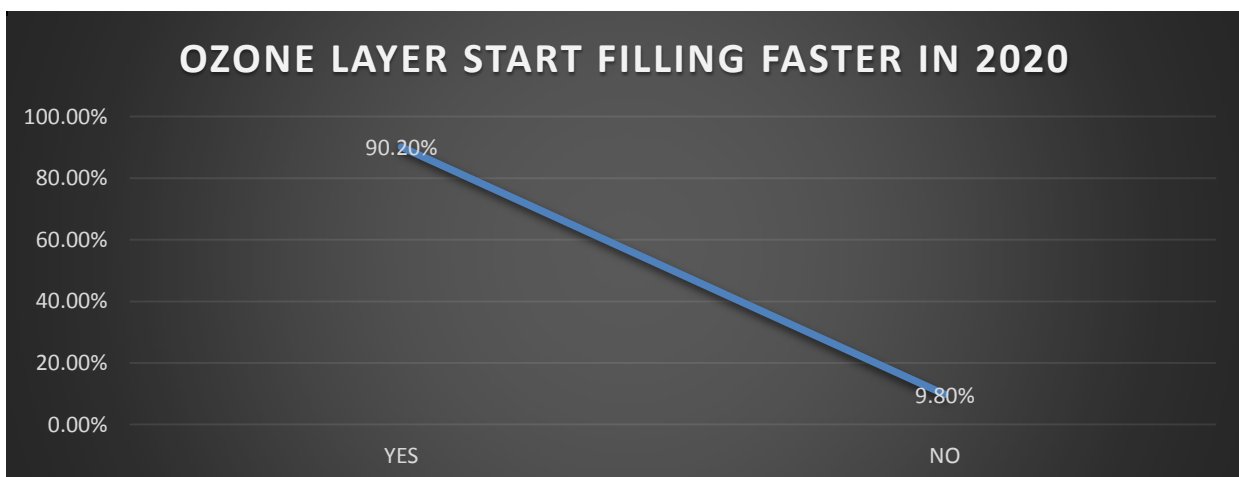
**Fig.3.** Reduction in Noise Pollution due to Lockdown

This figure shows that 86.9% persons notice reduction in noise pollution during the shutdown.



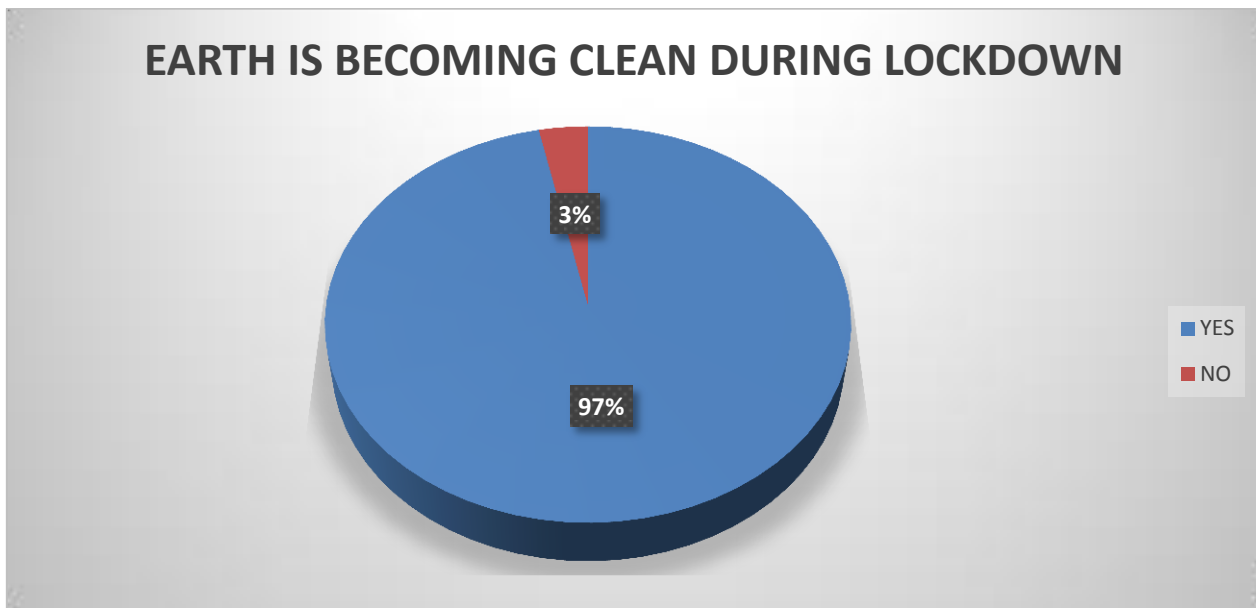
**Fig.4.** Positive Changes in Climate during Lockdown

This chart shows that 90.2% folks notice lots of positive impacts in climate during the shutdown.



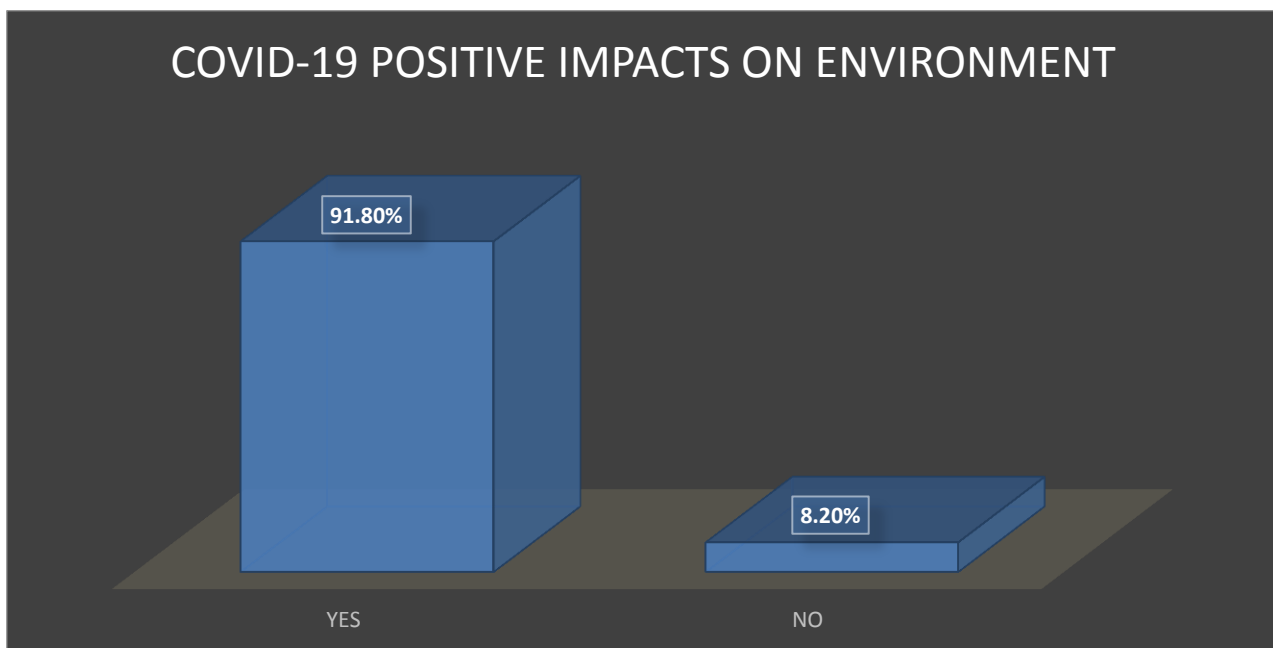
**Fig.5.** Ozone Layer Start Filling Faster in 2020

This graph shows that 90.2% individuals know that the ozone layer start filling faster in 2020 as compared to previous years.



**Fig.6.** Earth is Becoming Clean during Lockdown

This chart shows that 97% individuals notice that earth is becoming cleaner during the lockdown.



**Fig.7.** Covid-19 Positive Impacts on Environment

This chart shows that 91.8% people notice the positive impacts of covid-19 on environment also. They said that environment becoming free from pollution just because of lockdown.

## 6. Conclusion

This research comes to conclude that majority of the folks notice lots of positive impacts of covid-19 on climate as well as on environment. They notice heavy reduction in noise pollution, air pollution etc., and know that lockdown

is blessing for ozone layer as well as for climate and environment. As lockdown gives lots of negative impacts on other things but for environment, this lockdown is not less than a blessing.

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