

Impact of COVID-19 on vegetable prices in Pakistan

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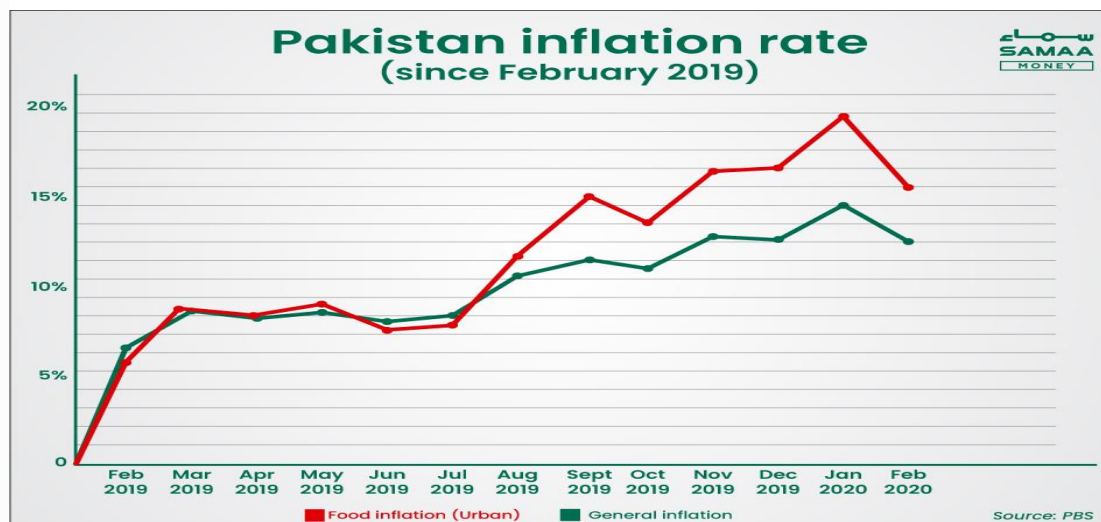
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INTRODUCTION

The 2019-20 corona virus pandemic is an ongoing pandemic of coronavirus disease 2019(COVID-19) caused by severe acute respiratory syndrome. the outbreak was identify Wuhan, china, in December 2019. The world health organization declared the outbreak to a public health emergency of international on 30 January 2020. As of 19 April 2020 more than 2.32 million cases of COVID-19 have been reported in 185 countries and more than 160000 deaths more than 595000 people recovered. In Sindh first case enters 26 Feb 2020.

18 February 2020 fruits, vegetables exports hit by coronavirus fruits and vegetables exports are facing problems due to shortage of reefer containers following reduction in the volume of imports china. All Pakistan fruits and vegetables exporters, Importers and merchants association patron-in-chief Waheed Ahmed said it peak export season for kinnow , potato and onion . 100 reefer containers pe day consisting kinnow , potato and onion are being export from Pakistan. Retailers have pushed up prizes of specific food items include sugar and vegetables prices because of mini budget.

Previous prices	Now prices
onion Rs.25 per kg potato Rs.20 per kg tomato Rs. 20-25 per kg ladyfinger Rs. 80perkg cauliflower Rs 50-60perkg peas Rs 40-50 per kg	onion Rs. 30 per kg potato Rs.30 per kg tomato Rs.20-30perkg ladyfinger Rs.120perkg cauliflower Rs 60-80perkg peas Rs.70-80

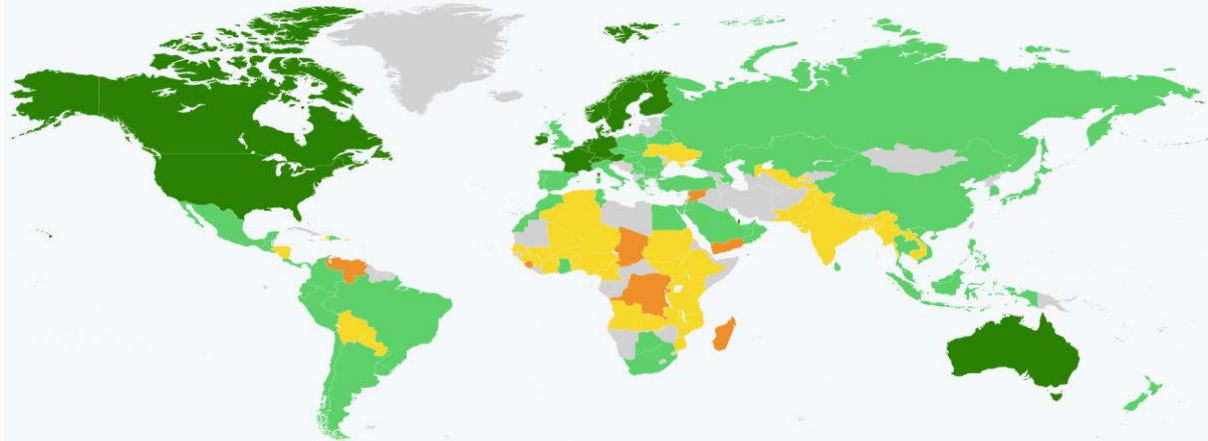


Literatures reviews

The State Of Global Food Security

Best and worst performing countries for food security in 2019*

■ Best performance ■ Good performance
■ Moderate performance ■ Need improvement



* Affordability, availability, safety and quality of food based on 34 unique indicators across 113 countries.
Source: Economist Intelligence Unit



statista

- **PAKISTAN** . The data released shows that higher food prices, particularly of wheat and flour, pulses, sugar, and edible oil, have been the largest driver of overall inflation in January. **Pakistan Bureau of Statistics (PBS) reported on 1feb 2020**



- The UN' Food and Agriculture Organization has warned that protectionist measures by national governments during the coronavirus crisis could provoke food shortages around the world. A shortage of field workers brought on by the virus crisis and a move towards protectionism – tariffs and export bans – mean problems could quickly appear in the coming weeks, the UN's food body explained. Earlier, global agencies have also warned that if authorities fail to manage the continuing coronavirus outbreak properly, world could risk facing a food shortage.
- As per National Food Security & Research Pakistan, there is sufficient stock of wheat/flour in the country and government is going to procure heavily in this season. Whereas the national nutrition survey 2018 showed that 36.9 percent of the population faces food insecurity and food insecurity, definitely leads to an adverse impact on health and nutrition in various ways. .

- Coronavirus will affect agriculture production march 22 2020 new the recent years, global epidemics like SARS, MERS created a negative impact on food security specially for the vulnerable communities. Now that the world population – from developing-to-developed nations – is facing the deadly pandemic called COVID 19.
- A pandemic crisis could quickly put a strain on the food supply chains a complex web to interaction farmers agriculture inputs processing plants retailer’s and more . Mexico Cullen the chief economists foe the United Nations food agriculture organization.

Research questions:

- Q1. Do you think prices for vegetables have increased or decrease du to pandemic?
- Q2. Do you think banning the goods transportation has can increase prizes?
- Q3. Do you think that demand for vegetables have increased due to lockdown?
- Q4 . If imports are banned so will it affect the vegetables or fruits prizes which is consumed during Ramzan.

Research analysis

Descriptive statistics

	N	Range	Minimum	Maximum	Mean		Std. Deviation
	Statistic	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic
sno	24	23	1	24	12.50	1.443	7.071
gender	24	1	1	2	1.29	.095	.464
q1	24	2	1	3	1.46	.159	.779
q2	24	1	1	2	1.33	.098	.482
q3	24	2	1	3	1.25	.124	.608
q4	24	0	1	1	1.00	.000	.000
Valid N (listwise)	24						

Statistics

		sno	gender	q1	q2	q3	q4
N	Valid	24	24	24	24	24	24
	Missing	0	0	0	0	0	0
Mean		12.50	1.29	1.46	1.33	1.25	1.00
Median		12.50	1.00	1.00	1.00	1.00	1.00
Std. Deviation		7.071	.464	.779	.482	.608	.000
Variance		50.000	.216	.607	.232	.370	.000
Minimum		1	1	1	1	1	1
Maximum		24	2	3	2	3	1

Conclusion

Results shows that Coronavirus has impacted on vegetables or food prizes because of imports has closed no one can in and out. Due to lockdown situation the demand of vegetables is increasing it is also directly proportional to seller cost.. In Ramzan every fruits runs and mostly fruits comes from outside some are

comes from abroad and mostly come from out of province in Larkana so that why supply of these things may decrease it will effect on prizes and availability of these fruits we can take this situation as a positive that some fruits such as mangoes are mostly export and May-June is the season of its. these will not be exported so may be supply of these increase and prizes decrease.

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