

TABLE OF **CONTENTS**

(1)	MACRODATA
	1.1 Trade
	1.2 Balance of Payments
	1.3 Prices
	1.4 Energy
	1.5 Air Quality
(2)	INSIGHTS FOR CHANGE
	2.1 Pakistan's External Debt Dilemma
(3)	POLICY ANALYSIS
	3.1 Public Versus Private Air Quality Information in Lahore, Pakistan
(4)	LET'S TALK DEVELOPMENT
	4.1 Fostering an Inclusive Digital Landscape
	4.2 How Much Say do Voters have over Election Outcomes
(5)	EVENTS
	5.1 Behavioral Insights & Technology for Revenue Collection: Lessons and Option
(6)	FELLOWS' ARTICLES
	6.1 New Realities
the second se	6.2 Ruptures in 20246.3 The Rise of the Global Middle Class: An Interview with Homi Kharas
	0.5 The file of the Global Middle Class. All filterview with north Kildlas



- 1.1 Trade
- 1.2 Balance of Payments
- 1.3 Prices
- 1.4 Energy
- 1.5 Air Quality

TRADE

Exports (Monthly in Million USD) Imports (Monthly in Million USD) 6,000 3,000 4,000 2,000 2,000 1,000 0 Source: Pakistan Bureau of Statistics, External Trade Statistics Source: Pakistan Bureau of Statistics, External Trade Statistics Monthly Quantum Index of Manufacturing Balance of Trade (Monthly in Million USD) APT 2 Nay 2 11 12 11 2 419 2 602 0 2 2 Nov 2 Dec 2 12 12 4 602 4

-1,000

-500

140



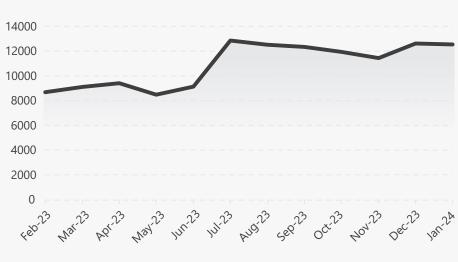
-2,500 Source: Pakistan Bureau of Statistics, External Trade Statistics

120 100 80 60 40 20 0 121-23 111-2 OCT Sel

Source: State Bank of Pakistan, Statistical Bulletin & Pakistan Bureau of Statistics

BALANCE OF PAYMENTS

Forex Reserves (Month-End Levels in Million USD)



Source: State Bank of Pakistan, Foreign Exchange Reserves

Workers' Remittances (Monthly in Million USD)



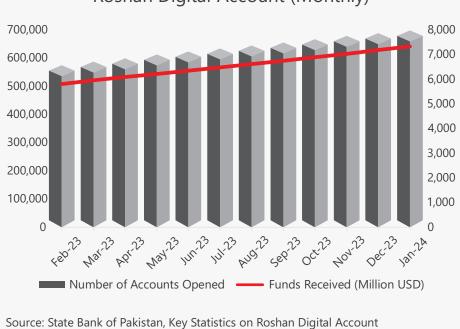
FED. 3 NOT 2 DEL 3 NOT 3 NOT 3 NOT 3 NOT 3 COL 3 NOT 3 DEL 3 NOT 3 1000 800

Balance of Payments (Monthly in Million USD)



Source: State Bank of Pakistan, Annual Report

Roshan Digital Account (Monthly)



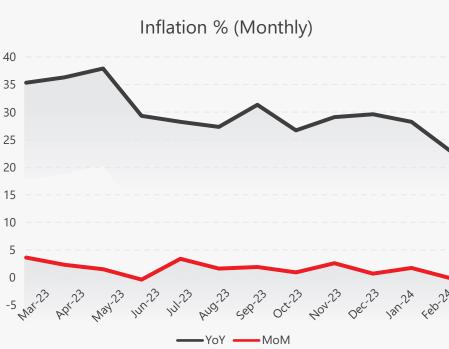
PRICES

ENERGY

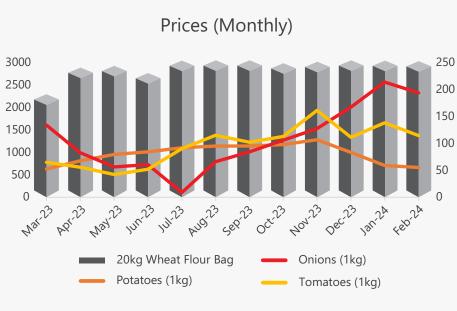
160000 140000

120000

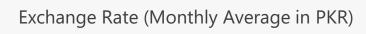
100000



Source: Pakistan Bureau of Statistics, Monthly Review on Price Indices

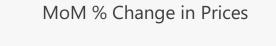


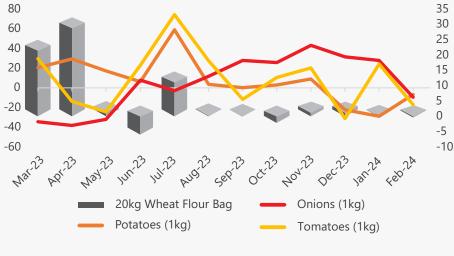
Source: Pakistan Bureau of Statistics, Monthly Review on Price Indices





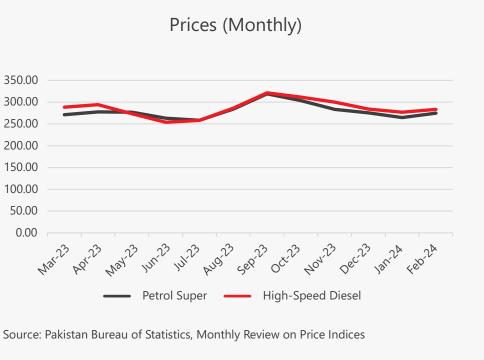
Source: State Bank of Pakistan, Monthly Average Exchange Rates



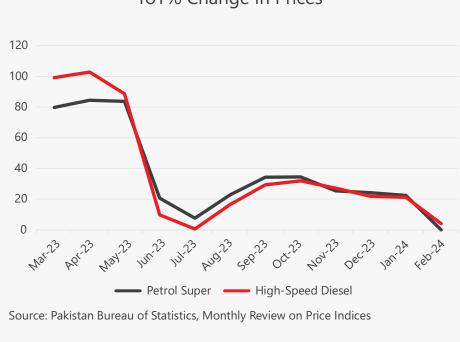


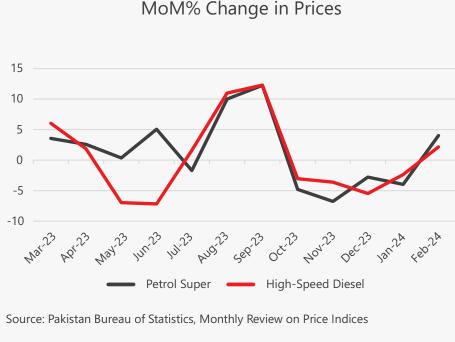
Source: Pakistan Bureau of Statistics, Monthly Review on Price Indices

Source: Pakistan Bureau of Statistics, Monthly Review on Price Indices









Electricity generation by type GWh (yearly)

% of electricity generation by type (yearly) 100 90 80 70 60 50 40 30 20 10 0 2007-08 2008-09 2009-10 2006-07 2015-16 2016-17 2018/19 2019-20 2012-13 2020-21 2010-11 2013 ■ Nuclear ■ Hydel ■ Thermal ■ Bagasse ■ Solar Wind

Source: Pakistan Bureau of Statistics, Trends in Electricity Generation

Average AQI (Monthly)

Jul

23

Jun

23

Aug

23

– Lahore — Karachi — Islamabad

Sep

23

Oct

23

Nov

23

Dec

23

Jan

24

500 450 400

350 300

250 200 150

100 50

0

Mar

23

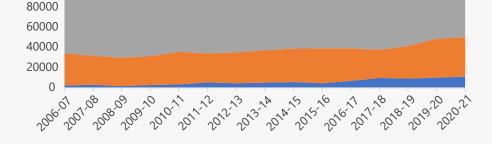
Apr

23

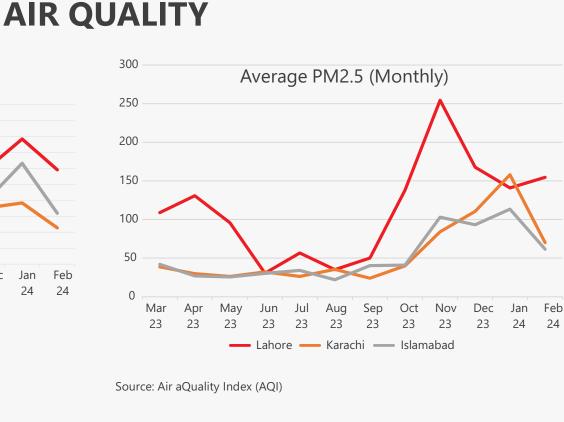
Source: Air Quality Index (AQI)

May

23



■ Nuclear ■ Hydel ■ Thermal ■ Bagasse ■ Solar ■ Wind Source: Pakistan Bureau of Statistics, Trends in Electricity Generation





POLICY ANALYSIS

Public Versus Private Air Quality Information in Lahore, Pakistan

This study is funded by the International Growth Centre (IGC). The principle investigators are Dr. Sanval Nasim (Assistant Professor, Colby College), Isra Imtiaz (Researcher), Shotaro Nakamura (Economist) and Arman Rezaee (Graduate student, University of California - San Diego). Lahore, Pakistan's second most populous city and the capital of Punjab province ranks as one of the most polluted cities in the world. Reducing Lahore's particulate matter (PM2.5) levels to the World Health Organization's (WHO's) standards would lead an average resident to gain 7.5 life years. Thus, Lahore's severe pollution requires action for health purposes.

To address some of the challenges related to improving air quality, a randomized controlled trial with roughly 1,000 residents of a lowermiddle-income Lahori neighbourhood was conducted, where a forecast was developed to model day-ahead air pollution using data from both government and private sources. This forecast was then sent through SMS to all the respondents daily for two months. But the source of information was randomized.

The findings suggest that the citizens of Lahore value air pollution information as the respondents, residents of a working-class neighbourhood are willing to pay Pakistani Rupees (PKR) 238 on average to continue receiving air pollution forecasts for another two months. It further suggests that the source of information doesn't matter and does not lead to differences in willingness to pay for the forecasts.

READ MORE

INSIGHTS FOR CHANGE

CDPR's and IGC's 'Insights for Change' series attempts to take an analytical approach to devising action-oriented policy solutions. They are authored by economists and practitioners who are experts in their field.

Pakistan's External Debt Dilemma

In recent years, Pakistan has struggled to service its external debt and this month's Insights for Change article explores how poor export performance, using external debt for supporting government consumption, increasing reliance on quick-disbursing policy reform loans, and the hardening of debt terms, all contribute to Pakistan's external debt dilemma.

This article has been co-authored by Dr. Farrukh Iqbal, who has worked at the World Bank for over three decades and has previously served as the Executive Director of the Institute of Business Administration (IBA), and Dr. Ijaz Nabi, who has worked at the World Bank for over two decades, and serves as the Country Director for International Growth Centre (IGC), as well as the Executive Director at the Consortium for Development Policy Research (CDPR). This article is a joint publication with Center for Global Development (CGD). READ MORE

×

LET'S TALK **DEVELOPMENT**

CDPR and IGC's podcast series called 'Let's Talk Development' is about understanding Pakistan's crucial economic and development problems. We engage experts in exploring critical development issues and trends in Pakistan.

Fostering an Inclusive Digital Landscape

When it comes to digital progress, till date Pakistan has dealt with a few persistent challenges such as macroeconomic headwinds, regulatory issues, digital inclusion, and literacy rates. Infrastructure availability, affordability and digital literacy contribute significantly to Pakistan's poor socio-economic performance, with digital inclusion for women emerging as an even greater challenge. Monis Rehman and Anam Malkani discuss the challenges and opportunities of the digital space in Pakistan highlighting policy options which may help reduce the gender differential in the digital practice.





How much Say do Voters have over Election **Outcomes**

In Pakistan, election decisions can be dependent on either the party's label or the party's ideology. Currently, Pakistan's political parties are facing a number of constraints in trying to influence the outcomes of voters' choice during election time. Dr. Niloufer Siddiqui and Dr. Asad Liaqat discuss these constraints and how the upcoming election outcomes can be influenced by the way parties are structured and the way they interact with voters.

ISTEN HERE





The Consortium for Development Policy Research (CDPR) in collaboration with SEED, IGC, Adam Smith International and UKAID held a workshop in Islamabad on the 22nd of February 2024 titled

Behavioral Insights & Technology for Revenue Collection: Lessons and Options

The aim of the workshop was to explore avenues for strengthening local service delivery, offer approaches to enhance revenue generation, as well as focus on using behavioral insights to enhance sales tax and property tax efforts. It explored mechanisms for provincial governments to analyze behavioral insights on tax administration and willingness to pay, which would allow them to boost revenues and create a fiscal space to responsibly invest in development.

IMPROVING PROVINCIAL EFFORTS - LEVERAGING SALES TAX ON SERVICES PRESENTER AND MODERATOR Dr. Sher Afghan Asad, Assistant Professor, LUMS

TAX

IMPROVING PROVINCIAL EFFORTS – NUDGING THE STATE CAPACITY PRESENTER Dr. Mujtaba Piracha, Governance Expert MODERATOR Dr. Sher Afghan Asad, Assistant Professor, LUMS



TAX ADMINISTRATION REFORMS **PRESENTER** Mansoor Sultan, Former CIO, FBR MODERATOR Syed Aftab Haider, CEO, Pakistan Single Window



BENEFICIAL TAXATION

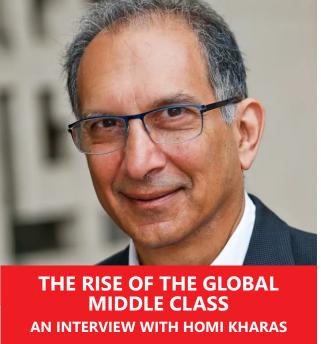
PRESENTER Mahnoor Kashif, Senior Research Associate, CERP MODERATOR Dr. Mujtaba Piracha, Governance Expert



FELLOWS' ARTICLES



FAISAL BARI The writer is a senior research fellow at the Institute of Development and Economic Alternatives, and an associate professor of economics at LUMS READ MORE



HOMI KHARAS Senior Fellow – Global Economy and Development, Center for Sustainable Development



UMAIR JAVED The writer teaches politics and sociology at LUMS

EAD MORE

CONTENTS OF LAST MONTH'S NEWSLETTER

1 MACRODATA

- 1.1 Trade 1.2 **Balance of Payments**
- 1.3 Prices
- 1.4 Energy 1.5 Air Quality
- **INSIGHTS FOR CHANGE** 2) A Narrow Path out of a Dangerous Place 2.1 **Riaz Riazuddin**
- **POLICY ANALYSIS** (3)
 - Why don't jobseekers search more? Barriers and returns to 3.1 search on a job-matching platform in Pakistan
- LET'S TALK DEVELOPMENT (4) 4.1 Unpacking Pakistan's Poverty 4.2 Navigation Climate Governance

(5) **FELLOWS' ARTICLES**

- **Faisal Bari** 5.1
- Al in Education
- **Umair Javed** 5.2 Why Vote?
- **Riaz Riazuddin** 5.3 Imbalance from Birth



In Pakistan, policy decisions and public discourse are often uniformed by available research. The Consortium for Development Policy Research (CDPR) bridges this gap by communicating cutting-edge, evidence-based research on development issues in Pakistan to an audience of policymakers, students, the media and the wider public. With support from the International Growth Centre (IGC), CDPR disseminates policy briefs, hosts events, engages with the media and produces digital content to make topics in development research such as economic growth, energy, education, health and governance intelligible to both decision makers & the public.

For regular updates regarding CDPR's policy and research work please follow us on:

O

in

YoY % Change in Prices 250 160 140 200 120 150 100 100 80 50 60 0 40 -50 20 -100 0 Mar-23 Feb-24 121-21 Dec NUO Les 20kg Wheat Flour Bag Onions (1kg) Potatoes (1kg) Tomatoes (1kg)