15th Current Issues Seminar on Health Care Insurance (15th CIHCI) Mumbai 13th Oct 2023

The Emerging Claim Patterns and Impact on Overall Health Insurance Industry Post Covid-19

Institute of Actuaries of India

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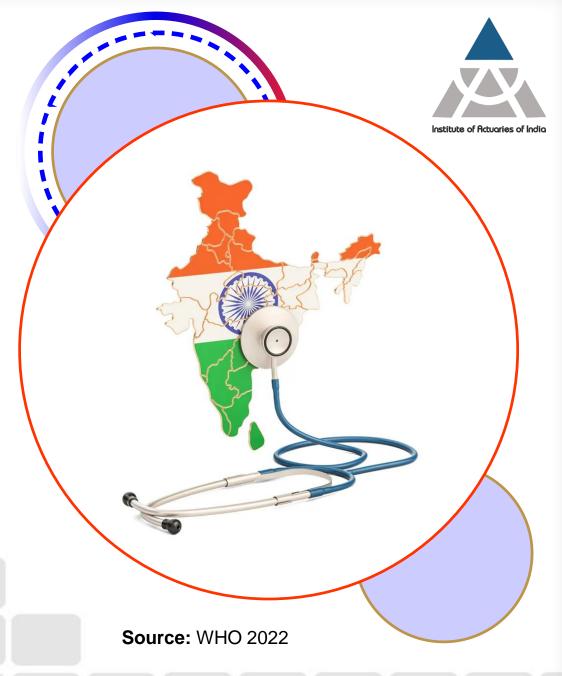
AGENDA



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- 2 | Current Health Insurance Market in India
- 3 | Emerging Claim Trends Post COVID
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- 5 | Changing Customer Dynamics
- 6 | Challenges Ahead
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How Healthy is India?

- Improvement in Life expectancy has risen to 70.42 years in 2023 from 40 in 1960
- India has 17% of the world population but 21% of its disease burden
- India is battling the triple disease burden of communicable, non-communicable and lifestyle diseases
- India is a diabetes capital of the world. 1 in 5 adults have diabetes or are pre-diabetic
- one or more lifestyle diseases such as diabetes, cardiac problems, blood pressure, thyroid and cancer



How is India Financing its Health?



Our country's GDP spending on healthcare remains lowest among BRICS nations to 2.1% of GDP in 2022-23

~50% of healthcare expenses in India are paid out-of-pocket. The global average is 20%

Nearly three-fourths of India's health expenditure is through private funding

1 in 4 urban Indian households that have taken loans took them to cover medical expenses



Evolution of Healthcare Ecosystem



The healthcare industry in India is estimated to reach INR 110 Tn by 2027 with a CAGR of 30.70%, with the digital healthcare segment having a 17.44% market share

Phases of Evolution

- ✓ Paper-based prescriptions
- ✓ Government funded hospitals
- ✓ Emergence of modular IT systems
- ✓ No digital technology
- ✓ Enabling genetic engineering

- ✓ Health and information technologies integration
- ✓ Emergence of corporate hospital chains, enhancing infrastructure
- ✓ Digital information tracking
- ✓ Documents and patient records shared via mobile devices
- ✓ Advancement in biopharmaceuticals

- Electronic healthcare records systems
- ✓ Wearable and implantable systems
- ✓ Arrival of web 3.0
- ✓ Real-time tracking of patient
- ✓ Medical tourism boom with world class facilities attracting global patients
- ✓ Precision medicine & gene editing become prominent

- ✓ Hi-tech and Hi-touch systems
- ✓ Real-time access to patients clinical data
- ✓ Personalized healthcare Programs
- ✓ Use of integral disruptive technologies such as IoT, AI, VR/AR, CPS & Big data
- ✓ Increased focus on bio manufacturing and synthetic biology

Current Healthcare Ecosystem is a Dynamic and Evolving with Multifaceted Challenges and Opportunities.

Growing acceptance of telemedicine

Transformational Diagnostics

Proliferation of Remote Monitoring tools

Mergers &
Acquisition: Key
Avenues of Growth

Underwriting by facial recognition technology

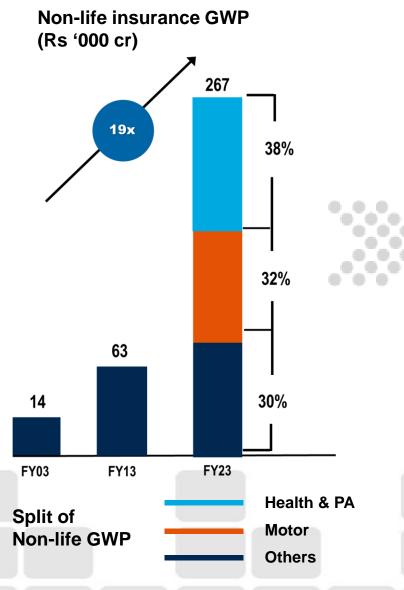
The Rise of Healthcare Saas

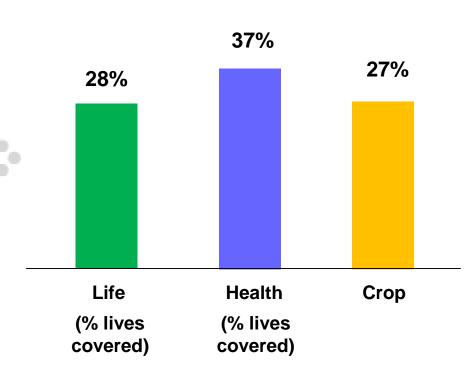
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Current Health Insurance Market in India



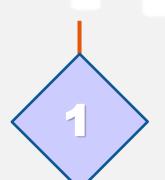
The
Future of
Health
Insurance
Looks
Promising



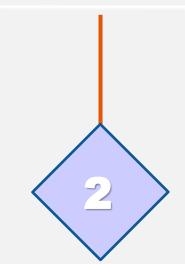


Source: IRDAI statistics, BCG Analysis, LI and GI council statistics

Health Insurance Acts As A...



Protection against the rising costs of healthcare



Ensures Financial Safety in the event of unexpected illness or accident



Gives lifetime access to quality healthcare and advanced medical treatments



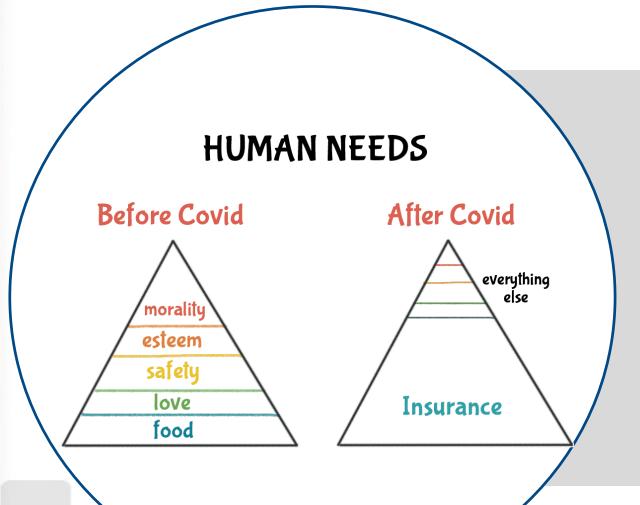
Helps to live a peaceful and healthier life

Provides various tax benefits and safeguards long term financial goals

HEALTH INSURANCE ZAROORI HAI

Change in Peoples Mindset





Only 10%

of people were interested in buying...

But now 71%

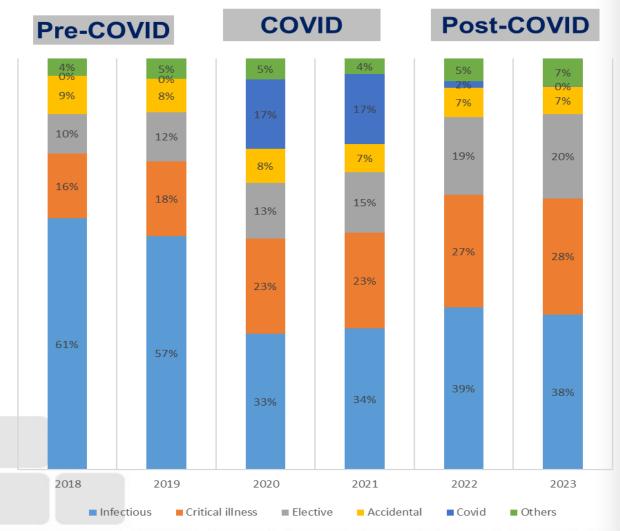
consider health insurance as a necessity

Emerging Claim Trends Shift in Disease Mix



Swift Shift in Disease mix from Infectious to Elective and Critical Illness Claims

- Infectious disease claims ranked highest ~
 60% pre-COVID
- Post-COVID, sudden upsurge in Critical
 Illness Claims noticed, increase in Cancer
 and Cardiac cases
- Speedy increase in Chronic claims observed
- Rise in Elective surgeries claims observed
- Higher claim rejection on Product T&C i.e.
 Waiting-period, policy exclusions.



Impact on Average Claim Severity

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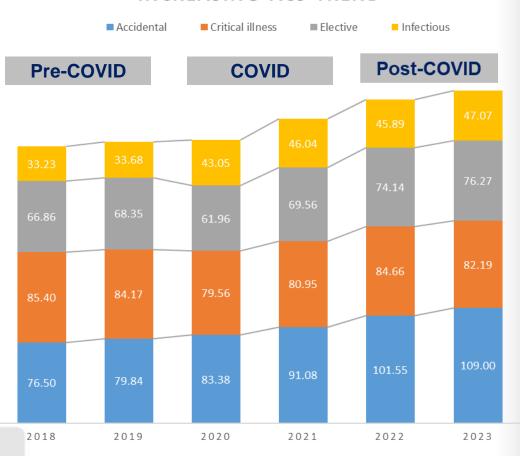
Increase in ACS of surgical claims of Cancer, Cardiac,
 Kidney, Orthopedic, Gyneac, Gastro surgeries

Higher per claim cost of infectious claims

Increase in ACS in mainly attributed to:

- Increased healthcare cost i.e. Tariff revisions, advanced procedures, modern technology
- Change in Billing patterns Increase in number of test done and safety kits used
- 5-7% increase in surgical claims
- Higher incidence in early port policies
- Impact due to Regulations on allowing NME's i.e. List 1
 (portfolio yet to get matured)

INCREASING ACS TREND



High ACS across all treatment categories leading to higher claim ratio

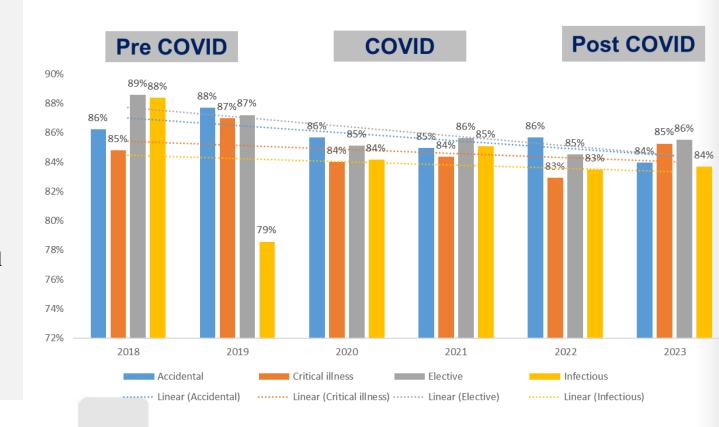
Impact on Paid to Billed Ratio



Paid to
Billed Ratio
is on a
declining
trend for all
treatment
categories

Reduction in Paid to Billed ratio in mainly attributed to :

- Modifications in Billing components
 leading to higher deductions
- Increase in Laboratory charges
- Reduction in admissibility of room, nursing, surgery and consultation charges with minimal impact on overall pharmacy charges
- Deduction on account of Nonsubmission of essential documents



Other Vectors Impacting Claims





Easy Onboarding and hasslefree Underwriting continues to be the key focus for Insurers

Network Providers

- Cashless steerage
- Discounts on top utilized packages
- Medical inflation
- Creation of PPN
- Demand of emergency services
- Door-step delivery of Pharmacy
- Increasing demand of Home-visits



Regulations

- Allowing onboarding with Permanent exclusion for 16 conditions
- Allowing NME's, Allowing coverage on Surrogacy and Oocyte Donor
- Ayushman Bharat Digital Mission
- Launch of PWD Product
- Implementation of AML Guidelines
- Revisions in F&U Guidelines



Digital technology

- Digital onboarding journey
- Launch of Digi locker
- Digital IVRS
- Auto issuance / UW decision
- Auto-Claim adjudication
- Fraud model referral basis machine learning
- Enhanced customer engagement through Mobile App
- App driven Healthcare and Wellness Programs



Products

- Demand of OPD and
 Wellness driven Products
- Introduction of Short-term Products
- Segment and ailment specific products
- Launch of NME Riders
- Emphasis on Home-care benefits
- Need of Products with higher SI or multiple SI restoration options

Empowering Customers with Digital Experiences



- 100% digital customer on-boarding across all segments without any paperwork
- Customer mobile app and chat bot enables customers to avail our services 24/7 and anytime, anywhere
- App tracker: Real time UW status & Doc upload for Add info
- Online Claim intimation Submission, Tracking & Add info
- Digital Healthcare service : Step-tracker, Online Teleconsultation, Discounted OPD, Pharmacy, Lad tests, etc

Digital Onboarding

Quote to Issuance

Digital Renewal Upgrade to Product Change

Digital Servicing Policy, Portfolio to Requests

Digital Claim
Intimation to Settlement

Digital Wellness
Diagnosis to Consultation

Digital Sales Management Self to team management

Changing Customer Dynamics





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Keeping the Focus Up - Challenges

ahead



Non - Standardized Data

- Varied Data Formats & Sources
- Inaccurate or inconsistent information
- Impedes risk assessment & claims processing.
- Solution: Need for data standardization & advanced analytics

Increasing Healthcare Cost

- Medical inflation
- High costs for Advanced procedures
- Steerage of Robotics Surgeries
- Pressure to maintain affordable premiums
- Solution: Necessitates cost containment strategies and negotiations with providers

Lack of Infrastructure

- Robust and secure systems are must
- Risk of data breaches and operational inefficiencies
- Loose data sharing between vendors and service providers
- Solution: Investment in modern IT and Cybersecurity.
 Embracing the cloud solutions for scalability

Lack of Customer Penetration

- Limited insurance coverage in certain regions
- Low awareness of insurance benefits
- Outreach and education challenges
- Solution: Strategies like micro-insurance, missing-middle and partnerships to reach underserved population

Limitations on providing preventive Healthcare benefits

- Huge dependency on Service providers to deliver Preventive and emergency Healthcare benefits.
- Restrict access to Preventive care due to PED limitations.
- Solution: Balancing Coverage and affordability. Defining coverage boundaries clearly.

The Next Boom in Health Insurance Industry

The regulator is focusing on 'Insurance for All' as part of IRDAI Vision 2047

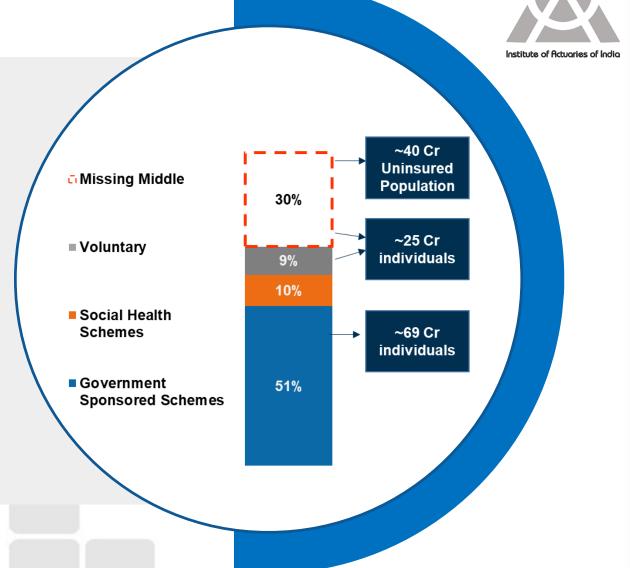
IRDAI's Big Guns

- I. Bima Sugam
- II. Bima Vistar
- III. Bima Vahak

State Level Insurance Plan in action and taking shape

These newly introduced initiatives and **BIMA TRINITY** will act as a game changer in ensuring wider coverage

Under Insured & Uninsured - A Huge Opportunity for Growth



Source : NITI Aayog Oct'21

Report on Health Insurance for India's Missing Middle



THANK YOU