

# Ensuring value for our members





CURRENT LANDSCAPE FOR MEMBERS AND THE SCHEME

Macro-economic effects and regulatory changes in an evolving landscape



ENSURING THE SUSTAINABILITY OF THE SCHEME

Financial strength, ability to pay claims and longterm sustainability are crucial to our members



GUARANTEEING SUPERIOR QUALITY AND VALUE FOR MEMBERS

Delivering the highest quality of care for our members at every stage of life



REGULATORY AND GOVERNANCE EXCELLENCE

Strong focus on governance excellence, risk management and regulatory compliance



2024 AND BEYOND

Enhancing the healthcare outcomes and experience of members in 2024 and beyond

#### **CURRENT LANDSCAPE**

## FOR MEMBERS AND MEDICAL SCHEMES



## MEDICAL SCHEME CONTEXT



- Affordability pressures
- Muted industry growth
- Continued consolidation



# HEALTHCARE INDUSTRY PRESSURES



- Aging membership
- Increasing disease burden
- Increasing prevalence of mental health conditions



# REGULATORY CHANGES AFFECTING MEDICAL SCHEMES



- National Health Insurance
- Low-Cost Benefit Options
- Prescribed Minimum Benefits review



#### OPERATING LANDSCAPE FOR MEMBERS AND MEDICAL SCHEMES



## AFFORDABILITY PRESSURES

Peaking interest rates increasing affordability pressures



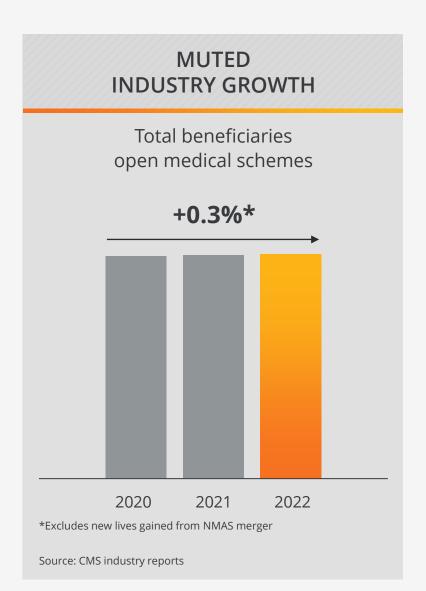
Prime lending rate

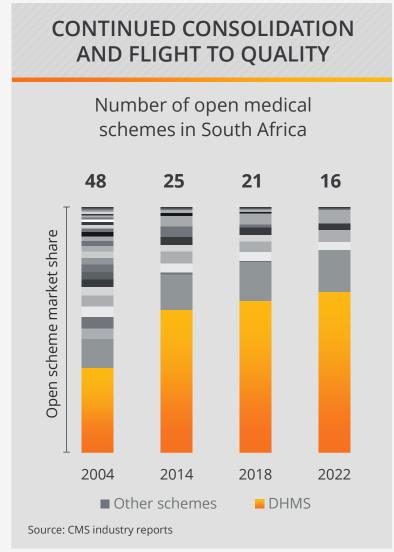
High debt burden



The average debt-active South African pays half their income to service debt

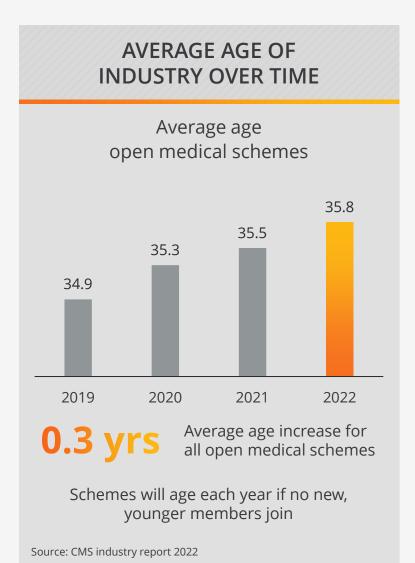
Source: Eighty20 Credit Stress Report Q4 2023

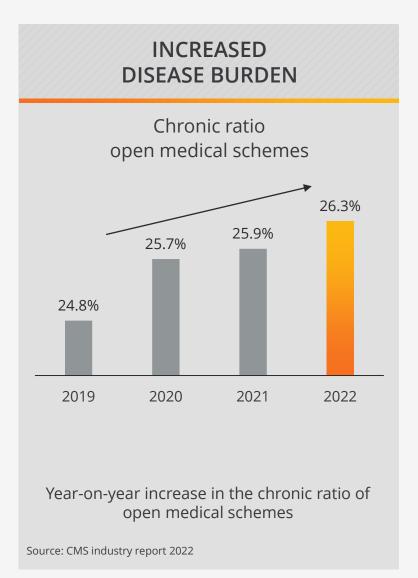


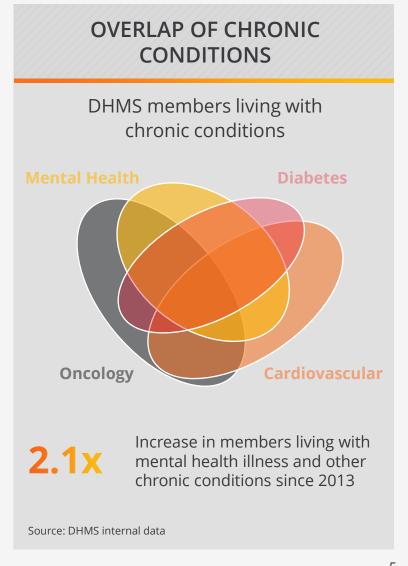


#### HEALTHCARE INDUSTRY PRESSURES FACED BY MEDICAL SCHEMES









## DHMS IS COMMITTED TO CONTINUED ENGAGEMENT WITH POLICYMAKERS TO Discovery FIND A WORKABLE SOLUTION FOR THE BENEFIT OF ALL SOUTH AFRICANS



#### DHMS **POSITION**



DHMS supports universal health coverage and the need to ensure equitable access to healthcare for all.



DHMS will continue to defend the rights of members and their ability to access care.

#### **CORE CHALLENGES** WITH NHI ACT



Funding of the NHI



Legal challenges



Implementation challenges



Role of medical schemes

#### LOOKING AHEAD



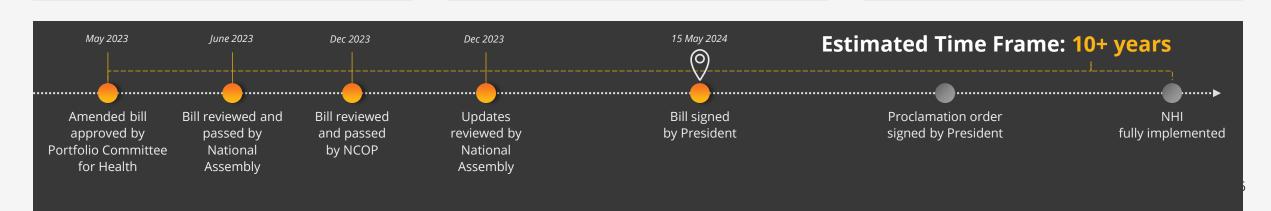
No impact on membership or benefits for the foreseeable future



Multiple legal challenges expected to test lawfulness and constitutionality of the NHI Act



I CBO framework an integrative approach to universal health coverage



## ROLE OF MEDICAL SCHEMES | SECTION 33 OF NHI ACT

Section 33: "Once National Health Insurance has been fully implemented as determined by the Minister through regulations in the *Gazette*, medical schemes may only offer complementary cover to services not reimbursable by the Fund."

Until the NHI is fully implemented, there are no restrictions on medical schemes

When it is fully implemented, complementary cover may be added – key question: how comprehensive will NHI be?



#### COMMITTEE ESTABLISHED FOR REVIEW OF PRESCRIBED MINIMUM BENEFITS





Reference: PMB Review Progress Update
Contact person: Dr Samantha Iyaloo
Tel: (012) 431 0500

E-mail: pmbreview@medicalschemes.co.za

Circular 15 of 2023: Update on the Review of the Prescribed Minimum Benefits

#### Purpose

1.1 The Council for Medical Schemes (CMS) would like to update stakeholders on the status of the Prescribed Minimum Benefits (PMBs) review project.

#### 2. Background

- 2.1 According to the Medical Schemes Act (131 of 1998), PMBs should undergo a review at least every two years. The previous PMB review was submitted to the National Department of Health (NDoH) for approval. However, the Minister of Health did not endorse it, as it lacked a primary health care (PHC) element.
- 2.2 To overcome the deficiencies and drawbacks identified above, the primary focus of the current PMB review has been on the inclusion of the PHC service benefits package as depicted in Table 1 below.

Primary Health care package	Hospital level package
Preventative services	Inpatient education packages
Maternal and neonatal services	Maternal and neonatal services
Child health services	Child health services
Curative services	Curative services
Mental health services	Mental health services
Diagnostic: laboratory services	Diagnostic: laboratory services
Diagnostic: imaging services	Diagnostic: imaging services
Pharmaceutical services	Pharmaceutical services
Emergency medical services	Emergency medical services
Palliative services	Palliative services

Table 1: List of services considered for PHC



According to the Medical Schemes Act, **Prescribed Minimum Benefits (PMBs) should undergo review at least every 2 years.** 



As communicated in Circular 15 of 2023, the current PMB review is focused on establishing a **primary health care benefits package of services**.



In November 2023 the CMS announced the **re-establishment of the Prescribed Minimum Benefits Advisory Committee (BAC),** a

multidisciplinary team required to advance the current PMB review process.

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2024 AND

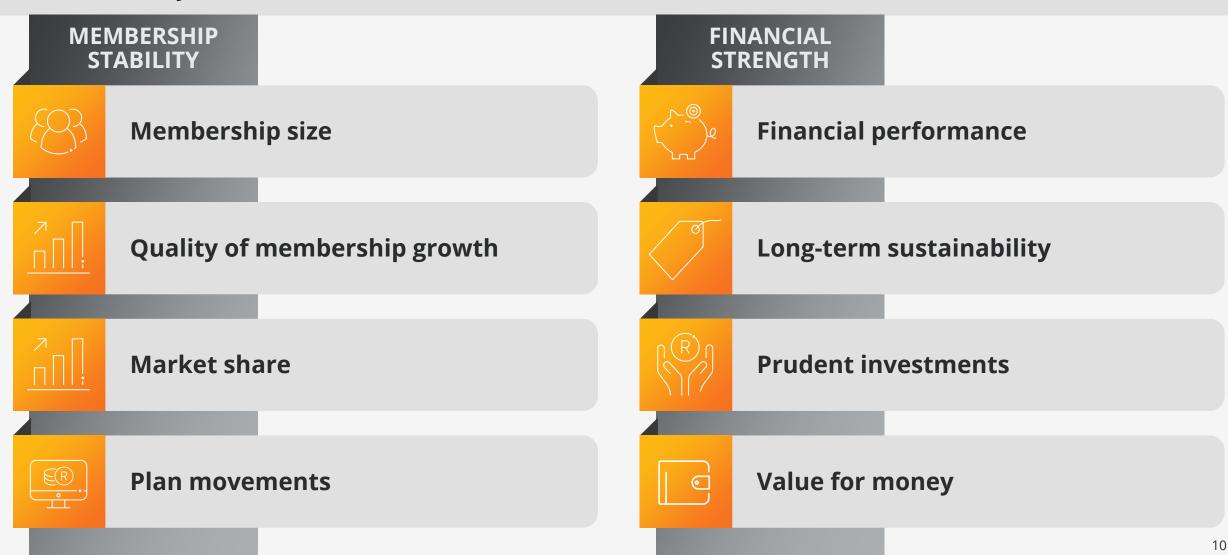
BEYOND

Enhancing the healthcare outcomes and experience of members in 2024 and beyond

# HOW DO WE ENSURE WE ARE HERE FOR OUR MEMBERS, TOMORROW AND IN THE FUTURE?

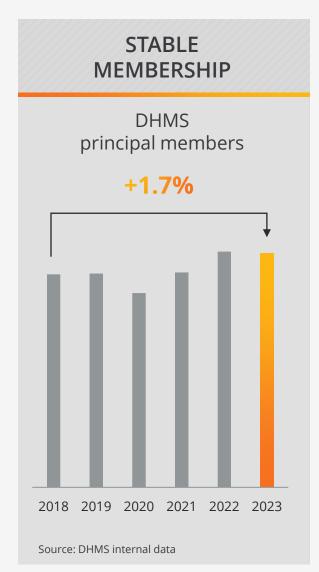


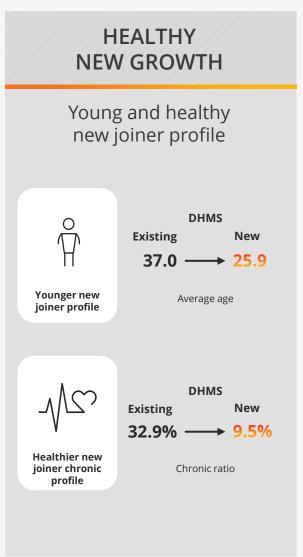
We measure key metrics for a sustainable medical scheme:

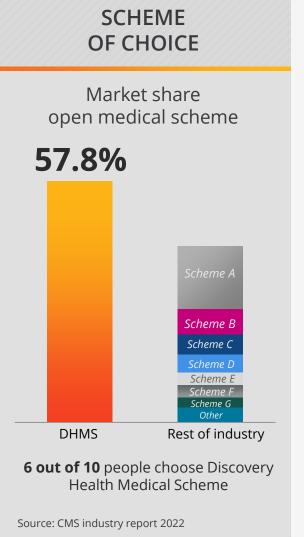


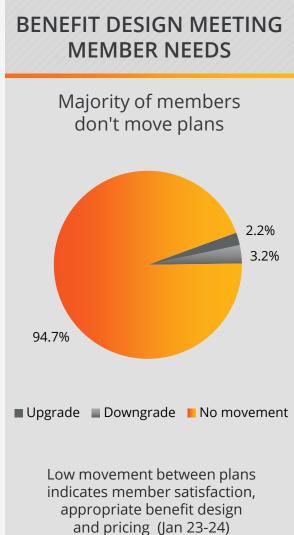
# DISCOVERY HEALTH MEDICAL SCHEME CONTINUES TO ATTRACT HIGH QUALITY, HEALTHY GROWTH





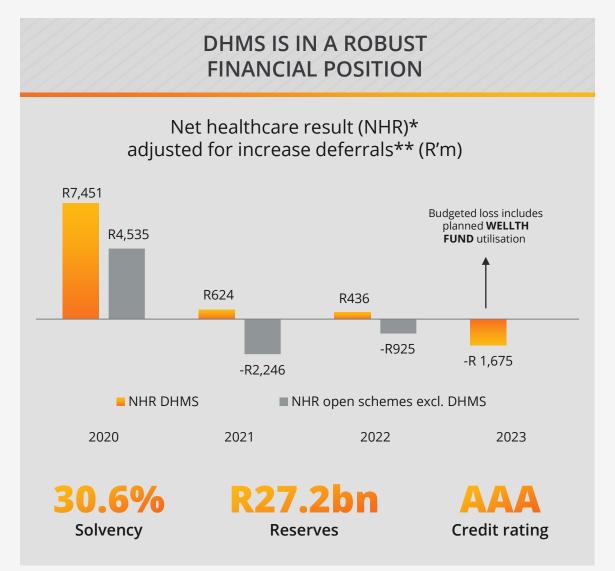




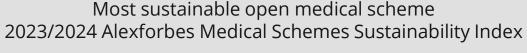


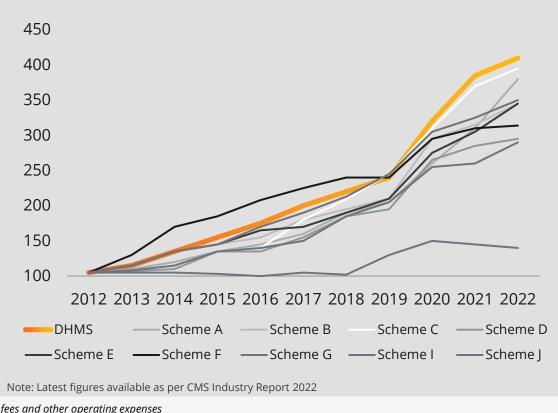
#### DHMS CONTINUES TO PROVIDE CERTAINTY AND STABILITY





# DHMS MOST SUSTAINABLE OPEN SCHEME IN THE INDUSTRY IN 2023



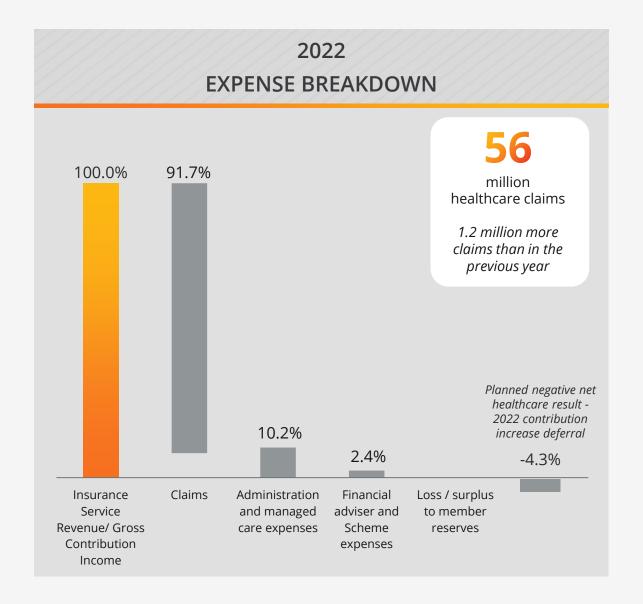


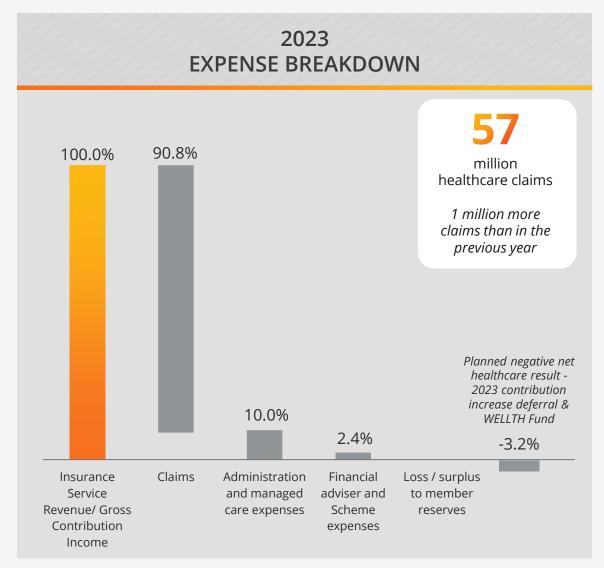
<sup>\*</sup> Under IFRS 17, 2023 NHR calculated as Total Insurance Service Result minus amounts attributable to future members, other admin fees and other operating expenses

12

## MAJORITY OF CONTRIBUTION INCOME USED TO COVER THE COST OF CLAIMS







#### INDUSTRY-WIDE INTRODUCTION OF IFRS17 ACCOUNTING STANDARDS



## WHAT IFRS17 MEANS FOR MEDICAL SCHEMES

IFRS17 is a new accounting standard effective from 1 January 2023 for insurance contracts and thus all medical schemes in South Africa





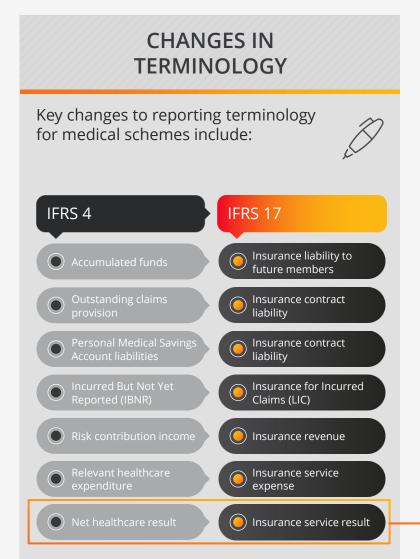
IFRS17 introduces changes to terminology and presentation of financial statements, but there are **no changes which affect member interests** 

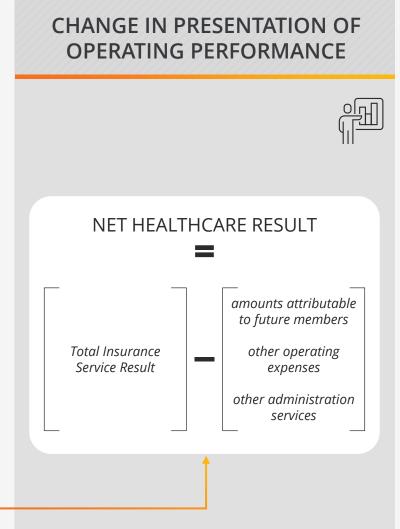


The nature, operating model and processes of DHMS remain unchanged



There have been no changes to regulatory or legislative requirements for medical schemes





### 2023 DHMS FINANCIAL HIGHLIGHTS





## The Scheme remains financially secure

Financial position at 31 December 2023

Measure	2022 (R '000)	2023 (R '000)
Non-current assets	24,348,071	25,022,693
Current assets	12,512,461	12,281,727
TOTAL ASSETS	36,860,532	37,304,420
Non-current liabilities	25,292,164	26,924,615
Insurance liability to future members*	25,284,429	26,919,793
Current liabilities	11,568,368	10,379,805
Total liabilities	36,860,532	37,304,420

<sup>\*</sup>Insurance liability to future members formerly known as 'Accumulated member funds' under IFRS4

#### 2023 DHMS FINANCIAL HIGHLIGHTS



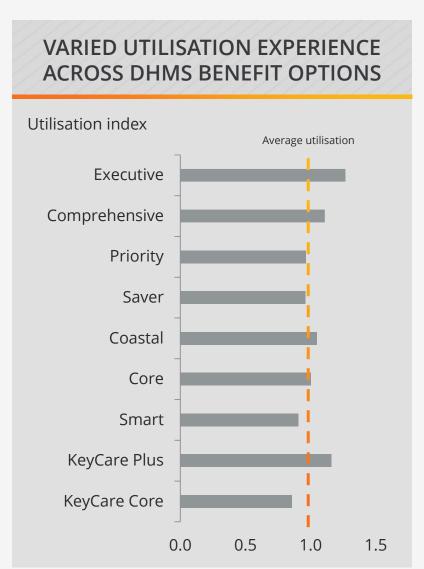
### The Scheme remains financially secure

Performance for current year

Measure	2022 (R '000)	2023 (R '000)	% change YoY
Insurance revenue (risk contribution income)	R 65,637,399	R 73,328,203	12%
Insurance service expense (relevant healthcare expenditure)	(R 66,724,592)	(R 75,483,071)	13%
Insurance service result	(R 1,016,992)	(R 2,069,145)	103%
Other income	R 2,256,202	R 3,378,968	50%
Investment income	R 2,221,987	R 2,417,940	9%
Other expenditure	(R 1,239,210)	(R 1,309,823)	6%
Other administrative fees	(R 592,049)	(R 648,298)	10%
Other operating expenses	(R 182,813)	(R 191,266)	5%
Total comprehensive loss, before amounts attributable to future members	R 1,476,006	R 182,634	-88%

# KEY FACTORS THAT DETERMINED CONTRIBUTION INCREASE AND BENEFIT CHANGE CONSIDERATIONS FOR 2024

## **MEDICAL INFLATION** FOR 2024 13% 10.5% CPI + 4% 9% CPI + 3% CPI DHMS medical inflation 2024 medical inflation expected to be 10.5%, with a range between 9% and 13% allowing for plan differentials





#### MEDICAL INFLATION FOR 2024





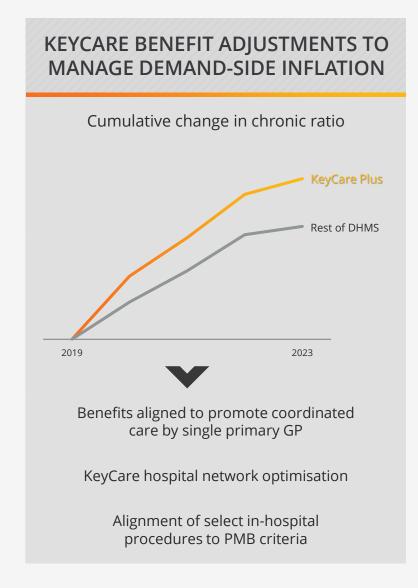
#### BALANCING AFFORDABILITY AND SUSTAINABILITY IN 2024



#### SIMPLIFICATION OF THE **COMPREHENSIVE SERIES** 2023 2024 Classic Comprehensive Classic Delta Classic Comprehensive Comprehensive Essential Comprehensive **Enhanced Essential Delta** Classic Smart Comprehensive Comprehensive

Classic Smart

Comprehensive



## OPTIMISATION OF DAY-TO-DAY BENEFITS

Increased affordability pressures on members

+57%

increase in interest rates between 2021 and 2023

Enhanced risk-funded benefits to assist extending day-to-day cover:



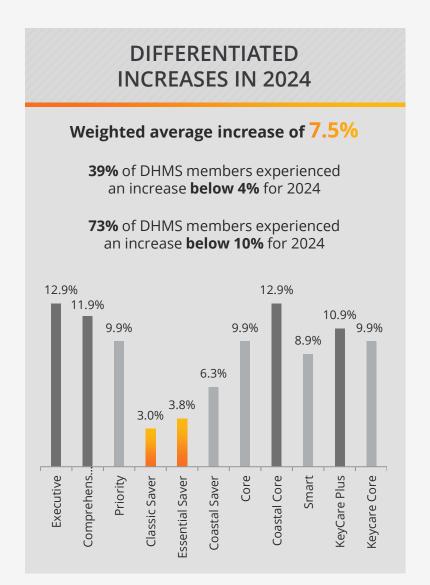
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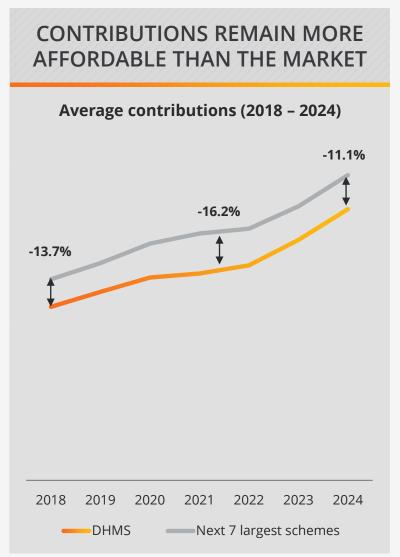
Mental Wellbeing Assessment and iCBT Virtual Urgent Care

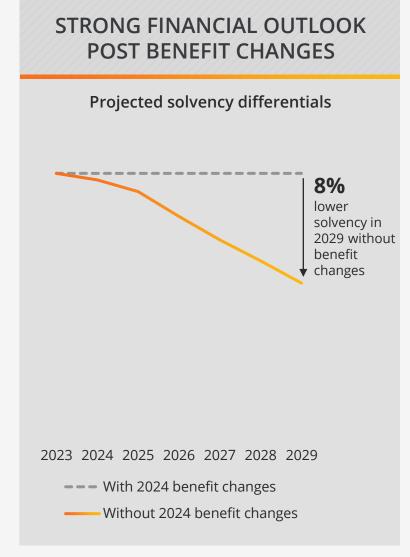
**7.3%** of MSA on Saver plans used for mental health and casualty care claims in 2022

Medical Savings Account on Saver series, as a proportion of total contribution, was reduced by 5% for 2024

# DISCOVERY HEALTH MEDICAL SCHEME MAINTAINS LONG-TERM SUSTAINABILIT Discovery AND AFFORDABILITY FOR MEMBERS

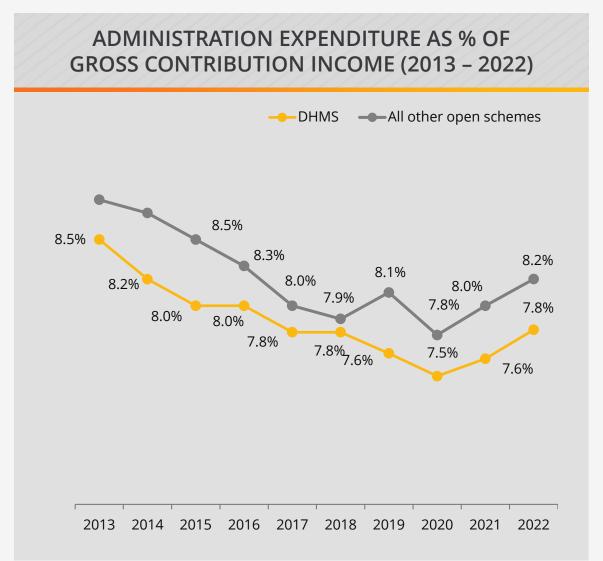


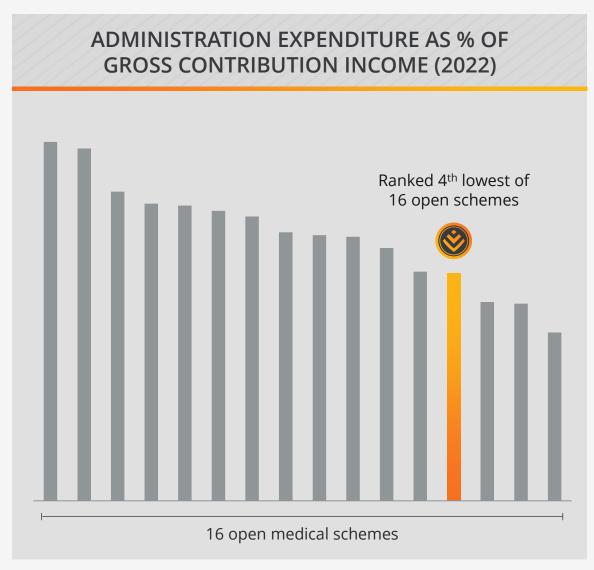




### MEMBERS BENEFIT FROM ADMINISTRATION EXPENDITURE THAT IS AMONG THE Discovery LOWEST IN THE INDUSTRY



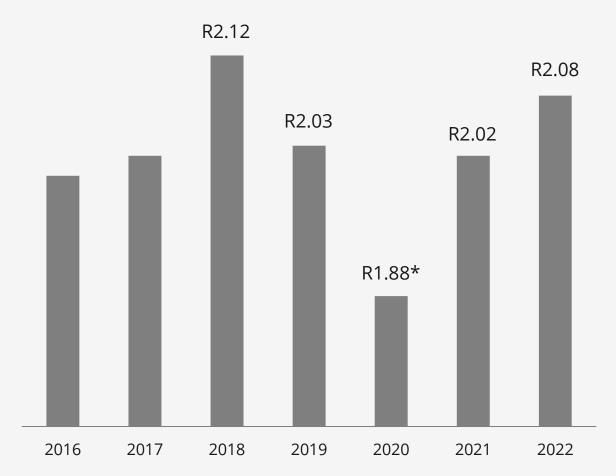




Notes: Latest industry figures available as per CMS Industry Report 2022 The admin expenditure as % of GCI figure is a weighted average for all other open schemes Source: CMS Industry Report 2022

# OUR MEMBERS RECEIVE OUTSTANDING VALUE FROM DISCOVERY HEALTH

#### **Value generated for DHMS Members**



Source: DHMS 2023 Integrated Report

# For every R1 spent

on managed care and administration fees, members of DHMS derived

**R2.08** 

## in value

### Deloitte.

Reviewed by Deloitte

\*Decrease is result of decrease in utilisation resulting from COVID-19, while the administration and managed care fees have remained at similar levels in real terms

As the assessment uses industry information, results are only available for the preceding year.



# HOW DO WE ENSURE WE ARE HERE FOR OUR MEMBERS, TOMORROW AND IN THE FUTURE?



#### We measure key metrics for a sustainable medical scheme:

We incusure key incures for a sustainable incured scheme.							
MBERSHIP FABILITY				INANCIAL TRENGTH			
Membership size	<b>2.79m</b> Beneficiaries	<b>1.37m</b> Principal members		Financial performance	R26.9bn 30.6% Insurance liability to future members		
Quality of membership growth	<b>25.9</b> Average age of new joiners	9.5% Chronic profile of new joiners	Ø	Long-term sustainability	Net comprehensive loss due to deferral & WELLTH Fund* -R182 m		
Market share	<b>57.8%</b> Maintained market share dominance		R	Prudent investments	9.36% Gross investment return 2023		
Plan movements	<b>94.7%</b> Members remained on same plan			Value for money	For every R1 spent on managed care and administration fees, members of DHMS derived R2.08 in value		

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2024 AND

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EXCEPTIONAL HEALTHCARE COVER FOR EVERY STAGE OF LIFE A CONTRACTOR OF THE PARTY OF TH  $\mathbb{A}$ **R4.1m** Trauma R4.5m R1.7m Heart transplant **R800,000** Near drowning incident **₩** ¥ R6m Hemophilia **11,300** Mental health **7,500**Surgical procedures on R4.9m **30,000** Births **R3.8m** Leukaemia Liver transplant **9,900**Surgical
procedures uterus/ovaries **3,400** Infections of the on eye lens **7,000** R<sub>3</sub>m digestive system R2.1 million Cancer- central Back disorders Brain surgery **4,100** Pneumonia **6,200**Surgical procedures on uterus/ovaries **2.0m** GP 6.2m **10,900** Tonsillectomies Pharmacy consults **2,000** Members **1.0m** GP consults **299,000**Physio sessions 10.0m 尦  $\mathbb{X}$ on dialysis Pharmacy visits **179,000** Health 2.2m **R9.5m** Vențilated ICU check 139,000 Physio sessions Pharmacy visits **2.1m** GP consults 21,800 Surgical procedures on eye lens **4,900** Infections of the 85,000 R7.5m Pap smear admission Leukaemia **173,000** Health check digestive system **6,400** Health check 5,800 Young adult Pneumonia 5.3m 346,000 Paediatrician visits (18-40yrs) Pharmacy **5,300** Asthma & Bronchitis Child 5,500 **84,000** Glaucoma R1.5m Joint (2-18yrs) (40-64yrs) Joint replacement replacements 475,000 R5.9m screening Pharmacy visits Neonatal surgery **1,300** Members on admission Infant 1.4m 5,500 600 (0-2 yrs) Pathology claims dialysis Pneumonia Eye screening **EXTREME** ADVANCED HEALTHCARE ROUTINE HEALTHCARE ROUTINE HEALTHCARE ADVANCED HEALTHCARE **EXTREME** AGE **EVENTS EVENTS WELLTH** fund

**HEALTHCARE SERVICES** 

**OPERATIONS AND SYSTEMS** 

DATA & ANALYTICS



**HEALTH AND WELLNESS** 

## SUPERIOR HEALTHCARE COVER AND QUALITY WHEN ACCESSING ROUTINE HEALTHCARE



## EXTENSIVE PROVIDER NETWORKS TO MINIMISE MEMBER SHORTFALLS



**Discovery Health GP network** 

>5,933

Contracted GPs throughout South Africa



**KeyCare primary care network** 

>2,220

Contracted GPs throughout South Africa

## WITH SUPERIOR, HIGH-VALUE BENEFITS FOR ROUTINE HEALTHCARE



#### **Screening & prevention Benefit**

Vital screening tests for early detection



#### **WELITH** fund

available to every DHMS member



#### Sport injury benefit

available on the Classic Smart plan



#### Proactive mental health care

wellbeing assessment, risk-funded consultations, digital therapeutics



#### **Providing convenience of access**

GP consults, virtual urgent care and virtual physical rehabilitation

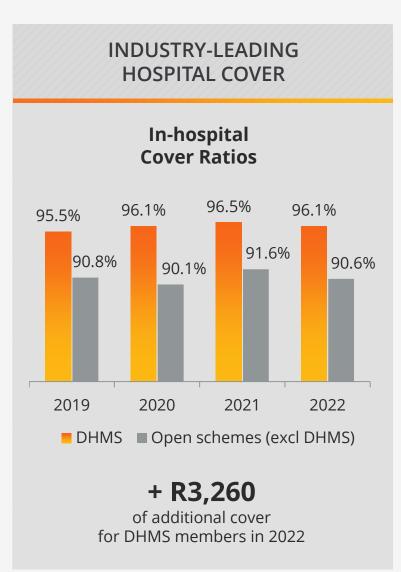
*And much more...* 

## HIGHEST QUALITY CARE AND PROVIDER NETWORKS TO MEET THE ADVANCED HEALTHCARE NEEDS OF MEMBERS



## EXTENSIVE PROVIDER NETWORKS TO MINIMISE MEMBER SHORTFALLS





## SUPERIOR, HIGH-VALUE BENEFITS FOR ADVANCED HEALTHCARE **Extensive maternity benefits** *Including post-birth benefits* **Oncology Benefit** *Including Oncology Innovation* & Extended Oncology Benefit **Centres of Excellence** Specialised care and services **Assisted Reproductive Treatment Benefit** available on Executive and Comprehensive plans

Note: Latest figures available as per CMS Industry Report 2022

R 5.9m

R 5.0m

## COMPREHENSIVE COVER WHEN MEMBERS AND THEIR FAMILIES NEED IT MOST

#### 10 of the highest member claims paid in 2023: R69.1 m

**R9.4m** Age **60** Surgical procedures for infectious or parasitic diseases

**R 8.3m** Age **54** Procedures on the nervous system

**R 6.9m** Age **32** Care for long term use of a ventilator (breathing machine)

**R 6.2m** Age **59** Liver transplant

Age **0** Major surgical procedures in newborn baby

**R 5.9m** Age **55** Heart and lung transplant

Age **49** Procedure to treat coronary heart disease after heart attack

**R 5.0m** Age **58** Surgical procedure on the liver or pancreas

**R 4.8m** Age **57** Kidney transplant

**R 4.8m** Age **0** Surgical procedures for infectious or parasitic diseases





## 305 years

worth of contributions to fund the highest claim



6,797

Individuals claimed over R500,000



1,806

Individuals claimed over R1 million

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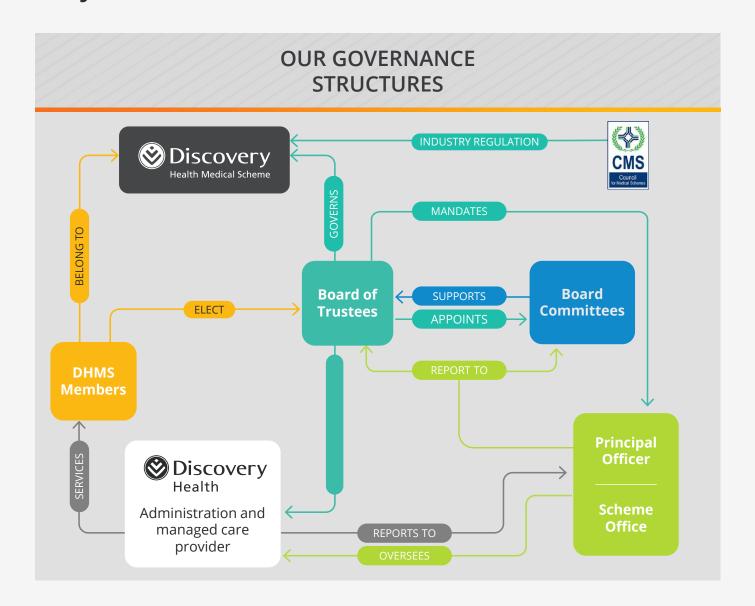


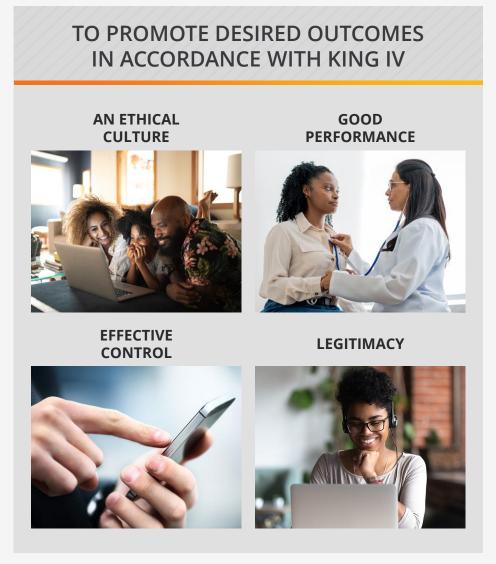
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# STRONG INDEPENDENT GOVERNANCE STRUCTURES WITH MAJORITY MEMBER-ELECTED TRUSTEES







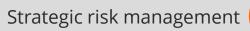
### ROLES, RESPONSIBILITIES AND FIDUCIARY DUTIES OF TRUSTEES







Provision of administration and managed care services

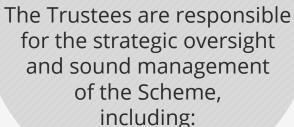


Stakeholder relations

and communication



BOARD OF TRUSTEES





Compliance with the Scheme Rules, the Medical Schemes Act and other legislation



Innovation and improvement of operations





Financial and other control systems

Protection of beneficiaries' interests





Investment strategy and returns

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# ENHANCING ACCESS AND DELIVERING THE HIGHEST QUALITY OF CARE FOR OUR MEMBERS



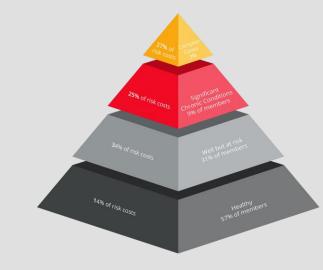
## SCREENING AND PREVENTION



in the health of members and

sustainability of the scheme

## POPULATION HEALTH MANAGEMENT



Continuous development of existing managed care initiatives to effectively prevent and manage non-communicable diseases

#### QUALITY HEALTHCARE



Enhancing quality healthcare through co-ordinated care and improved quality outcomes for our members

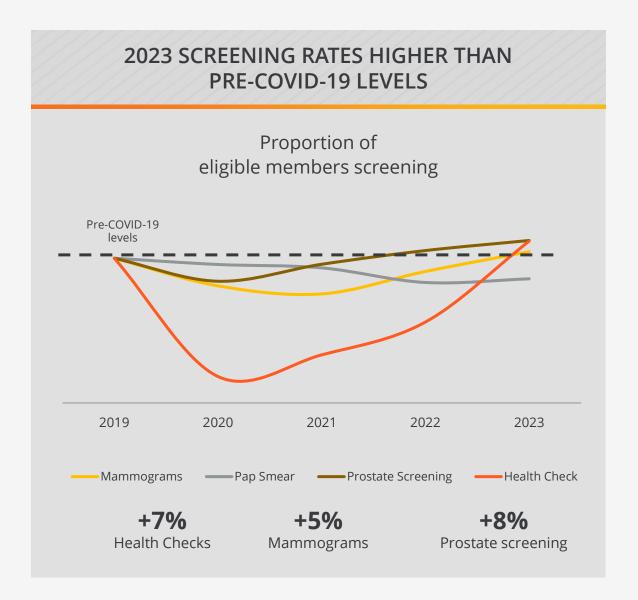
**ACCESS TO CARE** 



Expanded access to convenient quality healthcare and a differentiated healthcare experience

## AN INCREASE IN SCREENING RATES ENSURES EARLY DETECTION OF DISEASE AND APPROPRIATE CONDITION MANAGEMENT





## EFFECTIVE IDENTIFICATION AND MANAGEMENT OF CHRONIC CONDITIONS

6,400+

Unique enrolments onto Managed Care Programmes since the WELLTH Fund launched



3.600 - Diabetes Care



190 - Mental Health Care



**5.500 –** Cardio Care

Members have also successfully been channelled to the **Disease Prevention Programme** to proactively prevent disease progression

#### THE WELLTH FUND DELIVERS IMMEDIATE VALUE TO MEMBERS





520 000
Members have activated

their WELLTH Fund

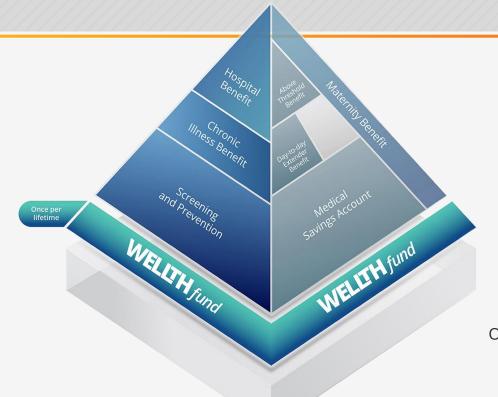
Faid in claims from the WELLTH Fund

**INCREASE IN HEALTH CHECKS IN 2023** 

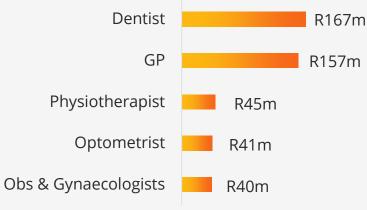


6,400+

**UNIQUE ENROLMENTS ONTO CARE PROGRAMME** (DIABETES, MENTAL HEALTH, CARDIO CARE)



#### **WELLTH FUND TOP 5 SERVICES USED**



Figures as at June 24 2024

### POPULATION HEALTH MANAGEMENT PROGRAMMES TARGETING MEMBERS LIVING WITH HIGH PREVALENCE CONDITIONS



#### **OBJECTIVES**

35% of members, accounting for 75% of costs, are targeted for Population Health **Management programmes** 



- Improve the health of the target population
- Enhance the experience of care (patient-centricity)
- Reduce overall costs of healthcare and improve sustainability

#### **PROGRAMMES**



Prevention and management of high Impact non-communicable diseases



• Complex cases



Oncology & end-of-life care



**Mental health** 



End stage renal failure



**HIV** management

#### **CONDITION MANAGEMENT**

Improved outcomes for members enrolled on Diabetes Care Programme

> Rich out-of-hospital basket of care



Coaching



Additional Dietician visit



Extra Glucose strips



Biokineticist visit



Management dashboard

Lower hospital admissions

Lower overall cost

# IMPROVING HEALTHCARE QUALITY AND OUTCOMES THROUGH VALUE BASED CARE AND IMPROVED CARE COORDINATION



# CARE COORDINATION BY A SINGLE PRIMARY CARE GP

Highly accessible network of primary care GPs

50%

Chronic members have already nominated a primary care GP

Focused care coordination leads to improved health outcomes



fewer visits to the emergency room



fewer hospital admissions



Improved long-term health outcomes for individuals with chronic conditions

# ENHANCED CARE EXPERIENCE AND HEALTH OUTCOMES IN YOUR HOME

#### Hospital level care at home



Improved clinical outcomes

**67%** 

**63%** 

lower probability of readmission to hospital

lower probability of visit to ED after discharge

Overwhelming positive feedback from members

9/10

member satisfaction score

# GUIDING MEMBERS TO CENTRES OF EXCELLENCE

Access to highest quality surgical teams through the arthroplasty network

9,000

electivee hip and knee replacements per year

Improved health outcomes through Arthroplasty Programme

**25%** 

reduction in length of stay recovery

5%

reduction in re-admission rate



# DHMS BENEFITS INTRODUCED TO ENSURE VALUE AND SUPPORT MEMBER EXPERIENCE



# SPEAK TO A DOCTOR FOR URGENT CARE

Access to a dedicated panel of doctors 24/7

1 in 4



Time to speak Consults outside to a doctor of working hours



Risk funded consultations



# ENHANCED SUPPORT FOR MENTAL WELLNESS

Convenient access to evidence-based internet-based mental health therapy, from the comfort of home



Online modules for **depression or depression with anxiety** 



**Personal supporters on hand** to provide guidance



>2150 Active users



**96%**Satisfaction score



# SUPPORT FOR MUSCULOSKELETAL RECOVERY

Evidence based rehabilitation via video, supported by Al technology



**Convenient access** from anywhere



**Connecting members** to their provider



Coaching for **better recovery outcomes** 



**Reduced cost** of virtual therapy





DHMS IS FOCUSED ON CREATING NEW WAYS TO PERSONALISE EVERY MEMBER'S HEALTHCARE JOURNEY, NAVIGATING MEMBERS TO BETTER HEALTH

# Ensuring value for our members





CURRENT LANDSCAPE FOR MEMBERS AND THE SCHEME

Macro-economic effects and regulatory changes in an evolving landscape



ENSURING THE SUSTAINABILITY OF THE SCHEME

Financial strength, ability to pay claims and longterm sustainability are crucial to our members



GUARANTEEING SUPERIOR QUALITY AND VALUE FOR MEMBERS

Delivering the highest quality of care for our members at every stage of life



REGULATORY AND GOVERNANCE EXCELLENCE

Strong focus on governance excellence, risk management and regulatory compliance



2024 AND BEYOND

Enhancing the healthcare outcomes and experience of members in 2024 and beyond





# DISCOVERY HEALTH OVERVIEW

Discovery Health Medical Scheme Annual General Meeting

Dr Ron Whelan, CEO Discovery Health

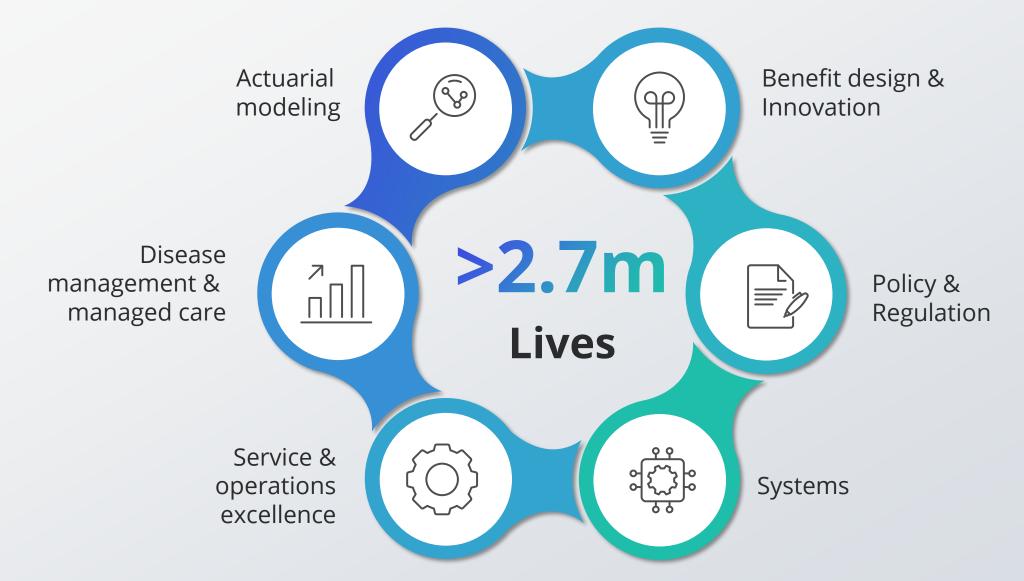




6.2k DISCOVERY HEALTH **EMPLOYEES AND** 

# Discovery Health structured to provide best possible service to Discovery Health Medical Scheme (DHMS) and its members





# Agenda





Government Gazette

REPUBLIC OF SOUTH AFRICA

Vol. 707 Cape To Kaapst

6 May 2024

No. 50664

#### THE PRESIDENCY

#### ...

It is hereby notified that the President has assented to the following Act, which is hereby published for general

Act No. 20 of 2023: National Health Insurance, Act 2023

#### DIE PRESIDENSIE

#### 4826 16 Mei 2024

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Wet No. 20 van 2023: Wet op Nasionale Gesondheidsversekering, 2023



NATIONAL HEALTH INSURANCE UPDATE



OPERATIONS AND SERVICE EXCELLENCE



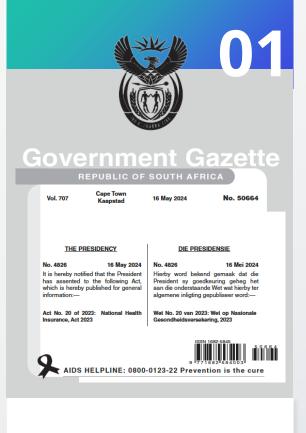
QUALITY, ACCESS AND COST OPTIMISATION



**INNOVATION** 

# **Agenda**





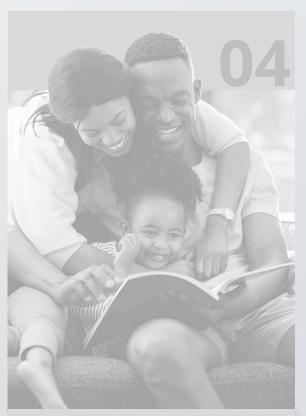
NATIONAL HEALTH INSURANCE UPDATE



OPERATIONS AND SERVICE EXCELLENCE



QUALITY, ACCESS AND COST OPTIMISATION



INNOVATION

# **Overview**



Discovery Health unequivocally supports universal health coverage and believes that a workable NHI is central to achieving this

Implementation will be complex and protracted with no impact on medical schemes for a long time

Funding is the core issue; the NHI Act is unworkable without private sector collaboration and funding

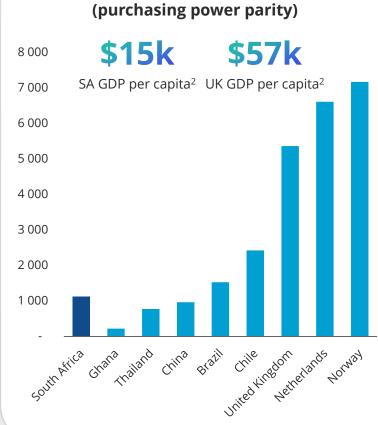
Discovery Health is committed to continue constructive engagement and collaboration with policymakers and will fight for a workable NHI to the benefit of all South Africans

# South Africa has significant health resource constraints

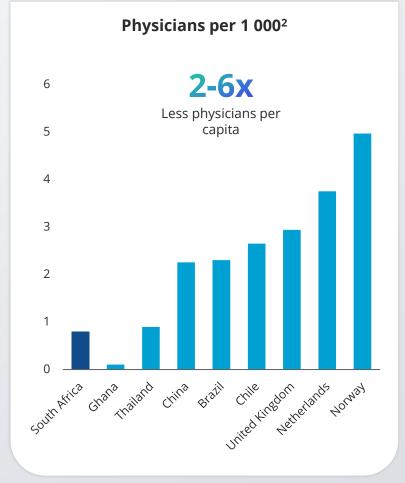


# LOWER HEALTHCARE SPEND PER **CAPITA**

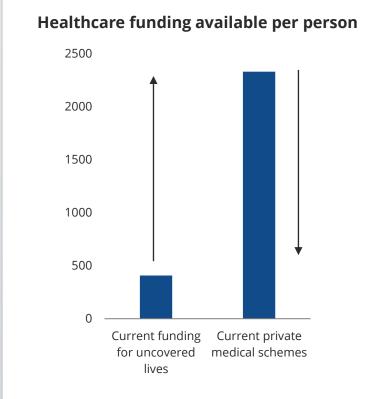
Health spend per capita US\$ in 2020 (purchasing power parity)



# **FEWER DOCTORS AND HEALTHCARE PROFESSIONALS**



# **INEQUALITY IN HEALTHCARE FUNDING**



Can't level up uncovered lives without funding and unconstitutional to level down the medical scheme lives

<sup>1.</sup> https://data.worldbank.org/indicator/NY.GDP.PCAP.PP.CD?locations=ZA; PPP, current international \$ (2022)

<sup>2.</sup> World Bank

# Almost all countries globally have a private health insurance market



# **Countries with a private healthcare insurance market**

# **Countries without a private healthcare insurance market**

# 169 countries

Algeria	Central African Republic	Gambia	Lebanon	Oman	South Sudan
Andorra	Chad	Georgia	Liberia	Pakistan	Spain
Angola	Chile	Germany	Lithuania	Palau	Sri Lanka
Antigua and Barbuda	China	Ghana	Luxembourg	Panama	Sudan
Argentina	Colombia	Greece	Madagascar	Paraguay	Suriname
Armenia	Comoros	Grenada	Malawi	Peru	Sweden
Australia	Congo	Guatemala	Malaysia	Philippines	Switzerland
Austria	Costa Rica	Guinea	Maldives	Poland	Tajikistan
Bahamas	Côte d'Ivoire	Guinea-Bissau	Mali	Portugal	Thailand
Bahrain	Croatia	Guyana	Marshall Islands	Qatar	Togo
Bangladesh	Cyprus	Haiti	Mauritania	Republic of Korea	Tonga
Barbados	Czechia	Honduras	Mauritius	Republic of Moldova	Trinidad & Tobago
Belarus	DRC	Hungary	Mexico	Romania	Tunisia
Belgium	Denmark	India	Micronesia	Russian Federation	Türkiye
Belize	Djibouti	Indonesia	Monaco	Rwanda	Turkmenistan
Benin	Dominica	Iran	Mongolia	Saint Kitts and Nevis	Tuvalu
Bhutan	Dominican Republic	Ireland	Montenegro	Saint Lucia	Uganda
Bolivia	Ecuador	Israel	Morocco	Saint Vincent and the Grenadines	Ukraine
Bosnia & Herzegovina	Egypt	Italy	Mozambique	Samoa	United Arab Emirates
Botswana	El Salvador	Jamaica	Myanmar	San Marino	United Kingdom
Brazil	Equatorial Guinea	Japan	Namibia	Sao Tome and Principe	United Republic of Tanzania
Bulgaria	Estonia	Jordan	Nepal	Senegal	United States of America
Burkina Faso	Eswatini	Kazakhstan	Netherlands	Serbia	Uruguay
Burundi	Ethiopia	Kenya	New Zealand	Seychelles	Uzbekistan
Cabo Verde	Fiji	Kuwait	Nicaragua	Sierra Leone	Vanuatu
Cambodia	Finland	Kyrgyzstan	Niger	Singapore	Venezuela
Cameroon	France	Lao	Nigeria	Slovakia	Vietnam
Canada	Gabon	Latvia	North Macedonia	Slovenia	Zambia
					Zimbabwe

# 17 countries

Afghanistan					
Azerbaijan					
Brunei Darussalam					
Cook Islands					
Cuba					
Eritrea					
Iceland					
Iraq					
Kiribati					
Lesotho					
Malta					
Nauru					
Niue					
Norway					
Papua New Guinea					
Solomon Islands					
Timor-Leste					

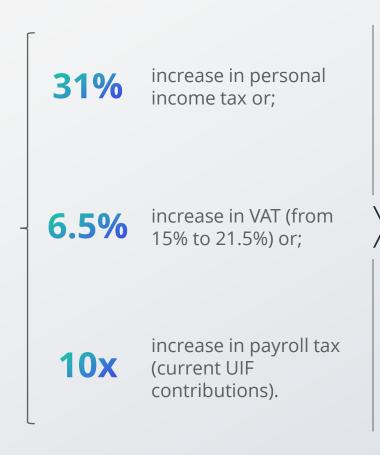
In all countries listed, the absence of private health insurance is **attributable to market dynamics**, **not a legislative ban** 

# Funding is the core problem



# **R200bn**

Additional funding required per annum, as indicated by the National Department of Health



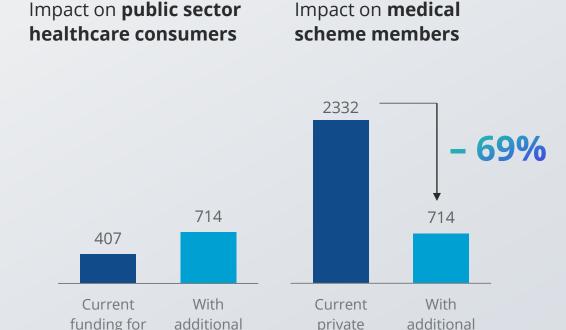
# Healthcare funding available per person remains constrained (R)

funding for

uncovered

lives

R200bn



private

medical

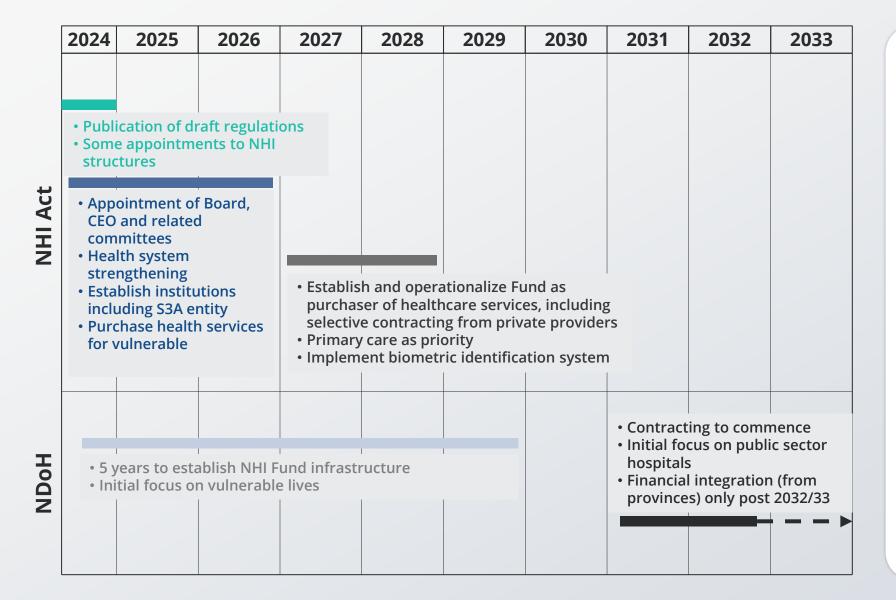
schemes

additional

R200bn

# Timelines between NHI Act and NDoH differ, amendments are likely





- Significant implementation and legal complexity
- No near-term changes to healthcare funding and access
- No changes to taxes until money bill is published by National Treasury
- No changes to medical scheme benefits until NHI 'fully implemented'

# Agenda





16 May 2024

DIE PRESIDENSIE

Hierby word bekend gemaak dat die

algemene inligting gepubliseer word:-

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16 May 2024 No. 4826 It is hereby notified that the President

has assented to the following Act, which is hereby published for general and die onderstaande Wet wat hierby ter

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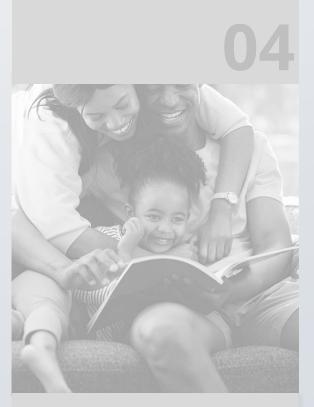
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NHI



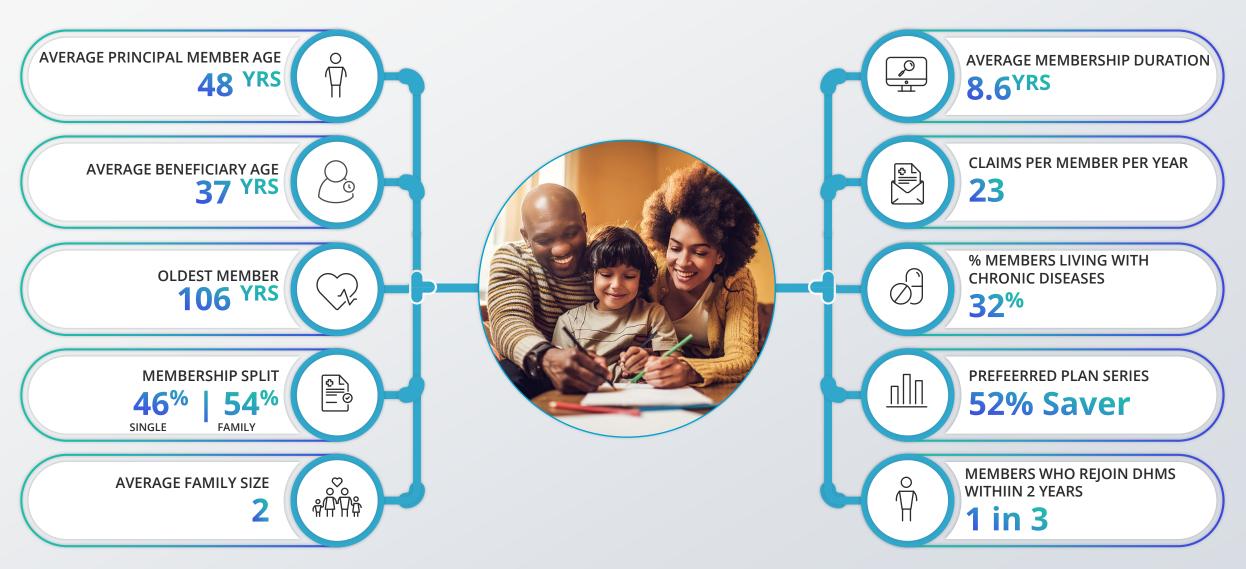
**OPERATIONS AND SERVICE EXCELLENCE** 





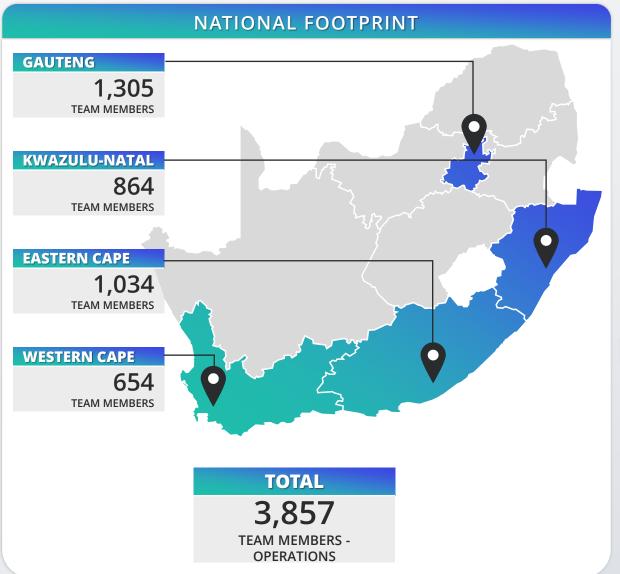
# Discovery Health Medical Scheme (DHMS) beneficiaries overview





# **Discovery Health service and operations overview**





## **STAKEHOLDERS**

>2.7m 6,408

DHMS COVERED FINANCIAL ADVISORS

7,284
EMPLOYER
GROUPS

44,800
HEALTH
PROFESSIONALS

19 SCHEMES ADMINISTERED 4,641
DISCOVERY HEALTH
PERMANENT
EMPLOYEES

## **DHMS BENEFITS**

HOSPITAL ADMISSIONS p.a.	724,884
BIRTHS PER ANNUM	31,429
CIB REGISTERED LIVES <sup>1</sup>	909,626
HIV REGISTERED LIVES	47,910
ONCOLOGY REGISTERED LIVES <sup>2</sup>	75,039
AUTO ADJUDICATED CLAIMS	99.6%
ELECTRONI CLAIMS	95.5%

## INTERACTIONS per annum



82,484,432 CLAIMS RECEIVED



13,850,606 WEBSITE LOGINS



13,784,138 MOBILE APP LOGINS



8,483,441 **CALLS** RECEIVED



4,806,758 **EMAILS** RECEIVED



1,405,993



SOCIAL MEDIA FOLLOWERS



1,363,937 **VA** INTERACTIONS



R88,816,184,375

DHMS CONTRIBUTIONS BILLED



436,164 **NEW BUSINESS** APPLICATIONS



**542,632 HEALTH** CHECKS

# Discovery Health provides comprehensive support to DHMS beneficiaries across all stages of the member lifecycle





#### MEMBER LIFECYCLE



>>> NEW MEMBER & **ONBOARDING** 

Membership activated every 25 seconds



>>> WELLNESS & **PREVENTION** 

> **35 911** health checks per month



**BENEFITS & SERVICE SUPPORT** 

> R49 million paid in claims per working hour



>>> MANAGED **CARE** 

> **2 785** hospital admissions approved per work day

#### DISCOVERY HEALTH OPERATIONS TEAMS

#### **FUNCTION**

# **Clinical advisory and**

- Pharmacists
- Case Managers

# care coordination

- Legal
- Ex Gratia
- Care Coordination
- CCP / MCP / AIB

**DISCOVERY CARE** 

- medical review
- Doctors & Nurses

# Complex funding and

## **CENTRAL OPERATIONS SERVICES**

#### **Specialised** operations

- New Business
- Underwriting
- Non-Disclosure
- Executive Office
- Social Media
- Conservation

#### CORE **SERVICES**

#### Core service operations

- Call Centre
- Data Capturing
- Processing
- Billing Services
- Field-Force

#### **FUNCTIONAL ENABLEMENT**

#### Care and service **functional** support

- Specialist Research
- Monitoring/Planning
- Manage Projects
- Operational Support
- Specialised Claims
- Member Care

## THE SERVICE LAB

#### **Operations R&D and strategic Initiatives**

- Research
- Benchmarking
- Workforce Planning
- Product Ownership
- Communication
- Knowledge
- Quality Assurance

**TEAM SIZE** 

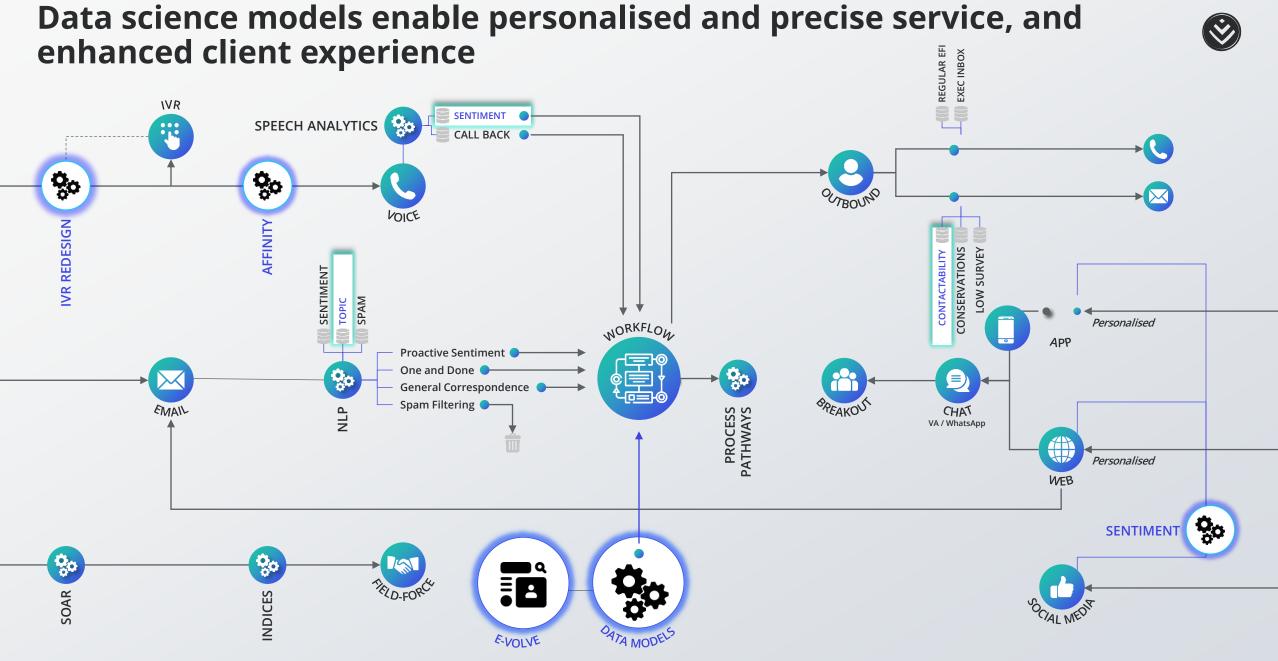
589

576

2.310

178

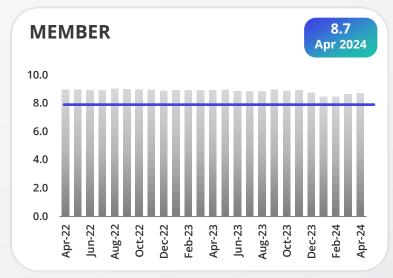
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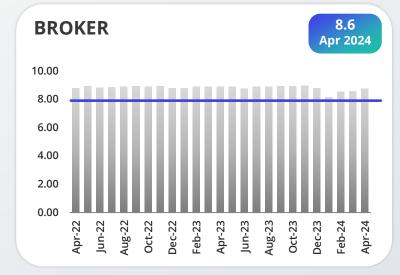


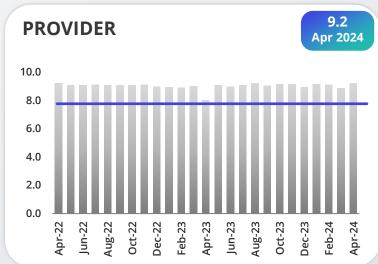
# Discovery Health service ratings consistently high across all key stakeholders



## **CLIENT SENTIMENT**

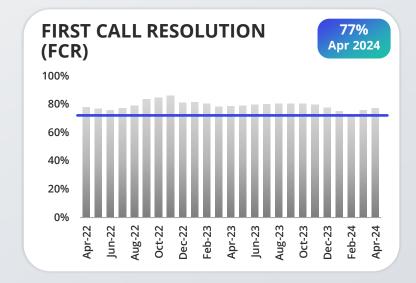








## **CORE SERVICE METRICS**



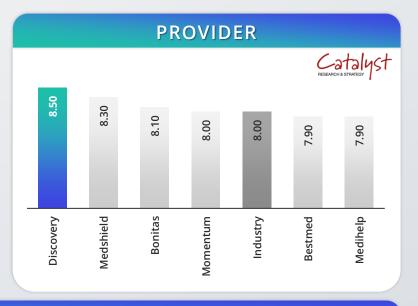


# Discovery Health widely regarded as the leading medical scheme administrator across the industry









## **INDUSTRY AWARDS**



Connected Ecosystems & Marketplaces award Qorus Awards 2024



**Best Contact Centre** Customer Experience Awards 2021



Best Domestic Contact Centre CCMG Awards 2022



Product Suppliers of the Year FAI Experience Awards 2023



Managed Care Study NBG Consulting 2022/2023



New Supplier of the Year Vitality Supplier & Partner Awards 2023

# Agenda





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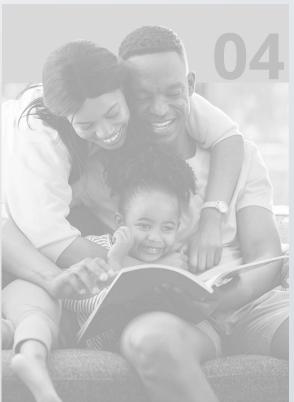
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NHI



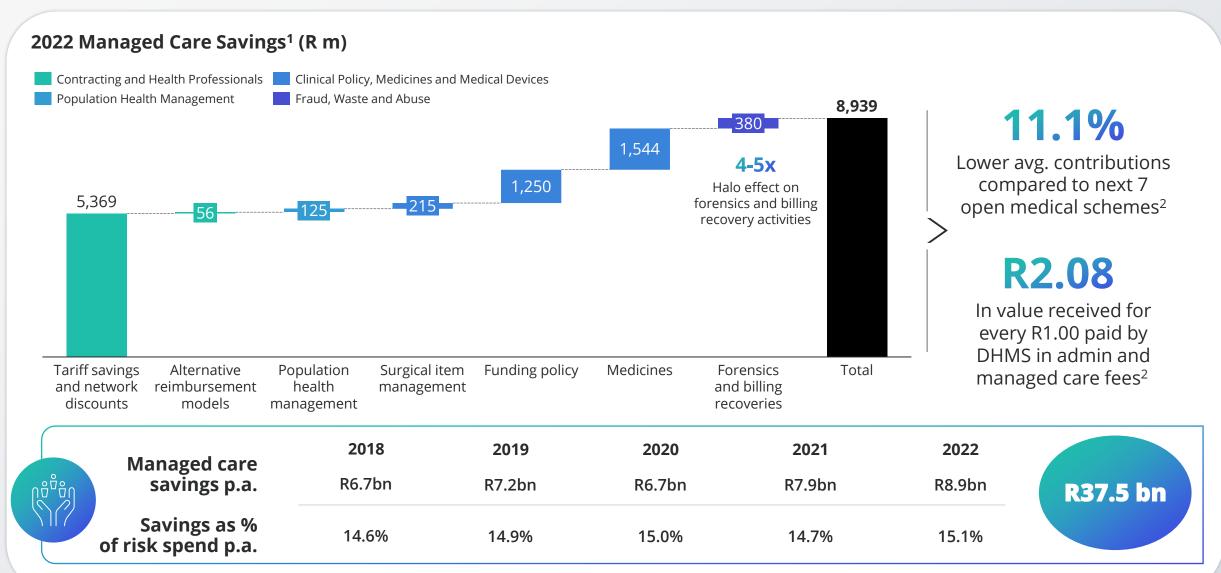


**QUALITY, ACCESS AND COST OPTIMISATION** 



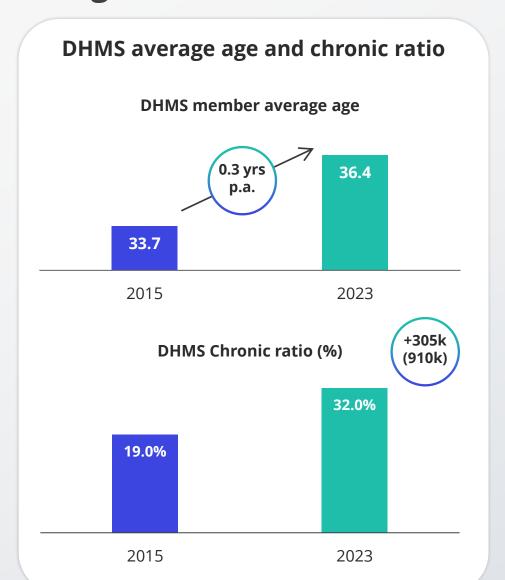
# Discovery Health managed care initiatives yield savings to the value of ~15% of DHMS risk spend annually

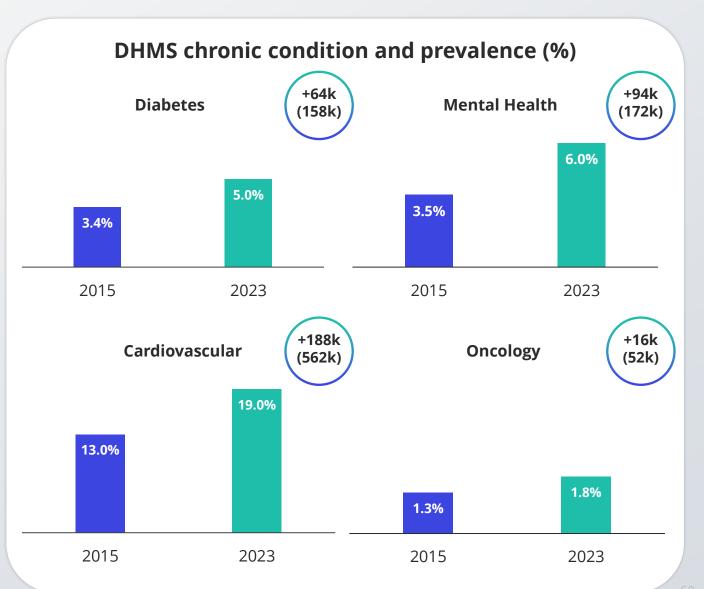




# DHMS average age increasing by 0.3 yrs. p.a., 305k more beneficiaries living with chronic disease since 2015



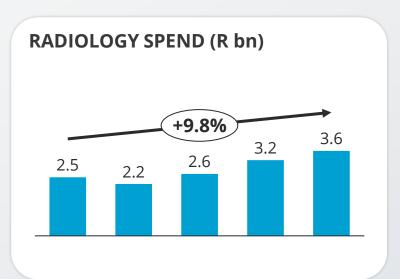


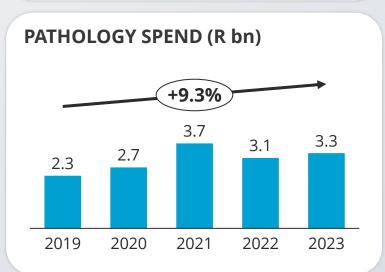


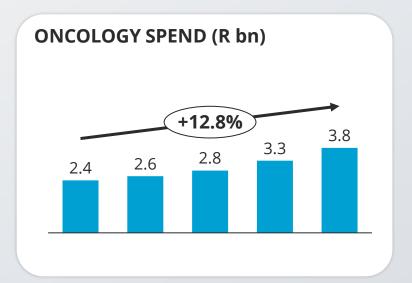
# Significant increase in DHMS healthcare spend since 2019 - mainly because of increased disease burden, higher utilisation and cost of care

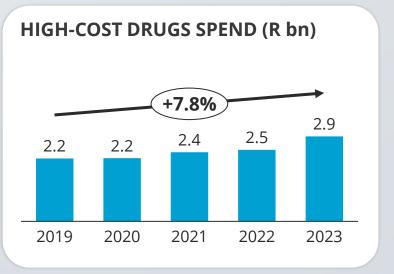












<sup>1.</sup> Based on claims amounts (CMS Annual report 2022). Comparative data not yet available for the 2023 year. Source: DH data

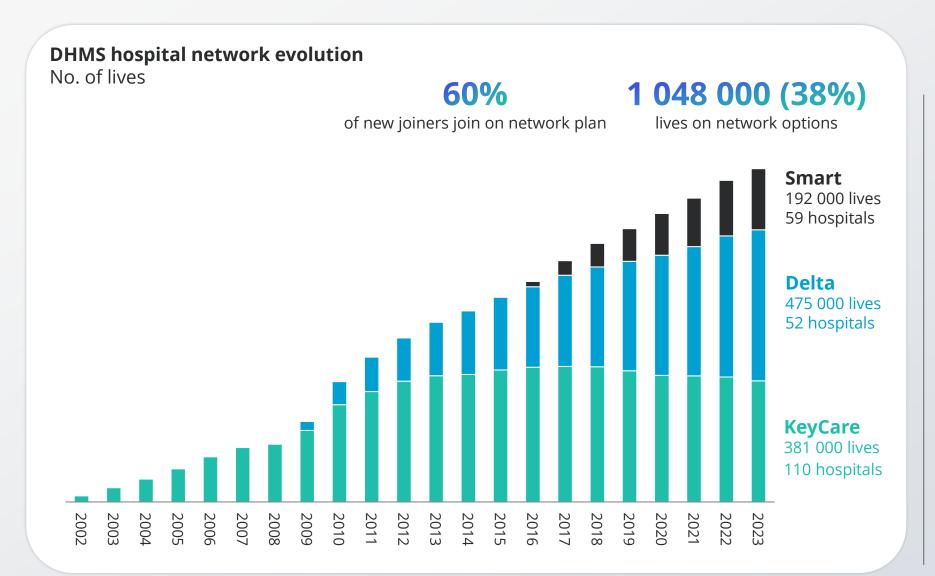
# A broad range initiatives to optimise access, quality and efficiency of healthcare services for DHMS beneficiaries



3 5 **Health professionals Population health** Clinical policy, medicines **Corporate contracting** Fraud, waste and (incl. hospitals, pathology, risk management management and medical devices abuse management (chronic disease mgmt.) radiology) Chronic disease FINAL PROPERTY OF THE PROPERTY FWA big data and Network Networks & payment Pricing management interventions development arrangements analytics programs Alternative Profiling & outlier Pharmacy network FWA audits and reimbursement Care coordination development management recoveries models Pre-auth, In-hospital Provider Value based care case management, Supply chain Care delivery engagement and hospital benefit initiatives Integration support specialists, audits etc. Quality of care Hospital care rating Wellness management

# Increased quality and affordability through a range of provider networks





# **Other Networks**



**Specialists** >**6724** specialists in direct payment arrangements (DPA)



**Day Surgery** Network >**145** facilities across day clinics and acute hospitals



**Oncology Networks** >190 oncologists, with 52 radiation units and 120 chemotherapy centres



**Pharmacy Networks** >**2835** network pharmacies

R1.01 bn

Savings through hospital, day-surgery and pathology networks in 2022<sup>1</sup>

# Value-based care programmes to improve quality and outcomes



#### **RENAL DIALYSIS**



Performance against quality scorecard determines rates for the following benefit vear.

80% of members on dialysis under VBC

#### **ARTHROPLASTY**



Bundled fee reimbursement model for knee replacement surgery (incl. doctor, prosthesis, theatre, physio etc.).

95% of events undertaken annually in arthroplasty VBC

## **CARDIO CARE**



Flat episode fee for invasive angiograms and CT coronary angiograms. >23.5% reduction in invasive angiograms

40% of invasive angiogram events under VBC

## **MATERNITY**



Maternity governance programme to monitor quality and efficiency of maternal care.

60% of the maternal pathways and deliveries under VBC

## **SPINAL**



Spinal governance programme to reduce conversion rates to spinal surgery, better PROMs and lower revision rates.

>85% of qualifying spinal procedures in the network

#### **DAY CLINICS**



Lower tariffs at day clinics, and discounted rates from participating acute hospitals.

>7% of surgeries in a day clinic setting

# Extensive engagement with healthcare professionals to provide support and strengthen the health system



# **Future of SA Health**

Collaborative think-tank of senior doctor leaders charting the way forward for the healthcare industry (incl. practice design and telemedicine).

# Regulatory engagement

Collaborative forums addressing regulatory developments in the industry (incl. FWA, NHI).



# **Health Professionals** conferencing

Discovery Health actively participated in and supported more than 42 healthcare conferences in 2023.







Since 2006, the Discovery Foundation has invested in supporting academic medicine through research and development and trained 10% of South Africa's medical sub-specialists, of which 75% are in the public sector.

+R320m

grants for

405

individual specialists since 2006



# **Supporting our doctors**

**Discovery Field Force:** In-person engagements with doctors to drive shared value initiatives, care management programmes and digital health adoption.

**Doctor Resilience Suite:** Supporting the wellbeing of healthcare professionals though Vitality Active Rewards for doctors and the Young Doctor Mental Health helpline.

## **Future Proof Your Practice Programme:**

collaboration with Henley Business School providing training courses to empower health professionals with business skills in a post pandemic environment.

Henley
Business School

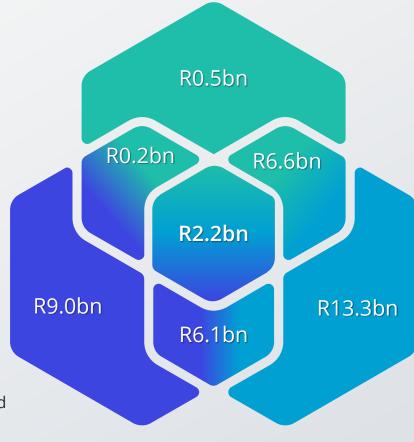
# Discovery Health population health management interventions focus on biggest areas of spend and greatest potential impact

# Diabetes (R9.5bn) Members: 148,266

- Significant growth in prevalence
- Major funding change through primary care investment

# Mental illness (R17.5bn) Members: 445,653

- Significant growth in prevalence
- Major in and out of hospital utilization and costs



# ~R37.8bn (58%)

of total scheme expenditure related to members living with diabetes, mental illness and/or cardiovascular disease.

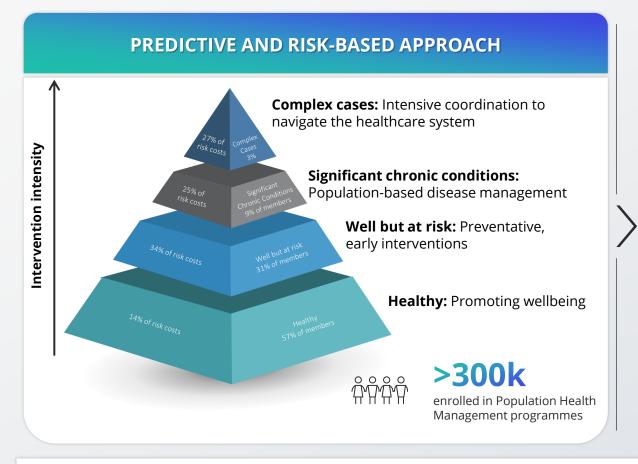
# **Oncology**

is the 4th largest cost driver **R8.8bn** 70% of oncology spend is associated with members also living with one of the top 3 conditions.

# **Cardiovascular disease (R28.1bn)** Members: 530,487

- High prevalence which continues to grow
- High treatment cost per patient for long-term complications

# Comprehensive population health management programmes supporting members living with chronic disease



#### **CARE PROGRAMMES**



#### **Diabetes Care**

Comprehensive diabetes disease management



#### CardioCare

Integrated chronic disease model for hypertension, hyperlipidemia and IHD



#### **Mental Health**

Primarily focused on depression and anxiety



#### Oncology

Chemotherapy, radiotherapy, specialist services



#### **HIV Care**

Access to HIV basket of care with additional psychological support



#### **Kidney Care**

Members on chronic dialysis



#### **Complex Cases**

Small population, multi-morbid with very high costs



#### **Advanced Illness**

Early support and coordination for terminal conditions

## CUSTOMISED TOOLS AND PROCESSES



**Predictive analytics** 







**Chronic care benefits** 



Digital healthcare delivery

# High-cost drugs are a significant contributor to oncology costs



290 🚢

64

62 🚣

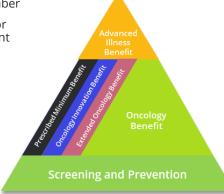
26 🚢

26 🚢

#### MARKET-LEADING ONCOLOGY BENEFITS

## **ADVANCED ILLNESS BENEFIT**

- Unlimited palliative care
- Network of palliative care providers
- Proactive member
- **Engagement for** early enrollment



## TREATMENT BENEFITS

- Comprehensive oncology treatment benefits across all plans
- Access to high-cost innovation molecules, novel treatments and precision medicine **ICON**



>120

Chemotherapy

facilities

190 Radiation units Oncologists

ONCOLOGY

# ONCOLOGY ACCOUNTS FOR ~50% OF HIGH-COST DRUG SPEND



+R4.3m

On Keytruda

**53-YEAR-OLD FEMALE** MULTIPLE MYELOMA

+R1.6m

On Darzalex



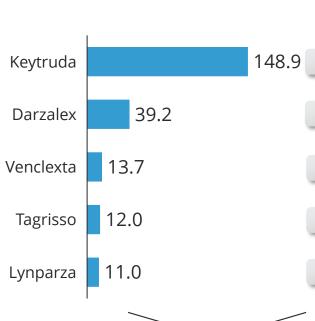
**63-YEAR-OLD FEMALE** 

**BREAST CANCER** 

+R1.5m

On Enhertu

# SPEND ON TOP 5 ONCOLOGY DRUGS. 2023 (R m)



+R225m

Spend on top 5 drugs

# Agenda





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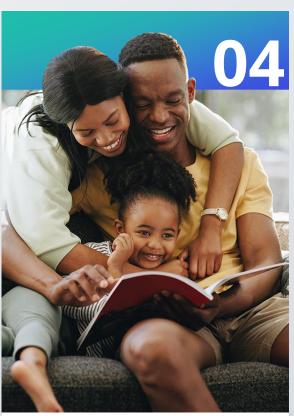
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AIDS HELPLINE: 0800-0123-22 Prevention is the cure

NHI







**INNOVATION** 

# Discovery Health innovation in line with global healthcare trends; DHMS members at the centre of all innovation



# **IN YOUR HANDS**

# I TOTAL OF THE PARTY OF THE PAR

Proliferation of mobile health apps solutions with more than 50,000 iOS Health Apps available today

## AT HOME



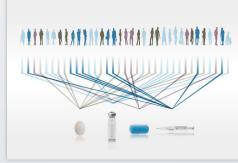
Substantial growth
in at home
treatment and
health monitoring
solutions (incl.
hospital at home)

## ACCESSIBLE



Increasing shifts
towards day
surgeries, same day
procedures, inrooms procedures,
retail clinics etc.

# **PERSONALISED**



Big data and
Al enabling
hyperpersonalisation
of healthcare and
precision medicine

# VALUE AND VALUES



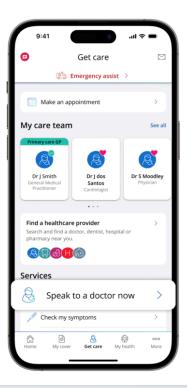
Consumers seeking good value + trusted and socially conscious partners in meeting their healthcare needs

# New Discovery Health App is the digital front door for the health system



## SPEAK TO A DOCTOR NOW

Speak to a doctor for urgent care



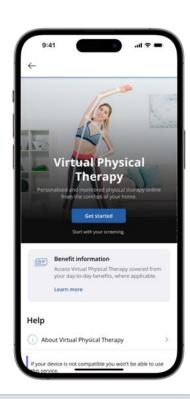
# ORDER MEDICINE

Order over the counter meds through our pharmacy partners



# VIRTUAL PHYSICAL THERAPY

Professional support for musculoskeletal recovery



# DIGITAL THERAPEUTICS FOR DEPRESSION

Convenient access to clinically-proven therapy

SilverCloud®

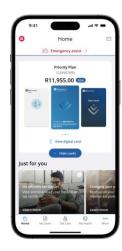


# Together, the Discovery Health App and HealthID bring to life a unique digital health ecosystem for DHMS members



# **Member Health App**

(Consumers)





My cover (manage funds)



Get care (speak to a doctor now; virtual physical therapy; digital therapeutics)



My Health (Health history)



Personal health pathways

# **Health ID**

(Healthcare Providers)





Patient overview



Chronic illness programme registration



Patient programme status

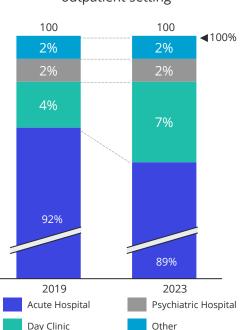
# Alternative settings of care promoting greater accessibility



## **DAY CLINICS**

Routine surgeries shifting from acute hospitals to day clinics

> **53%** of surgeries in the US in outpatient setting



## **POINT OF CARE**

Imaging and lab services shifting from hospital to ambulatory sites and the bedside



Private pathology testing 61% could be conducted on point-of-care devices

Estimated Rand value R2.8bn that could be channelled to point-of-care devices

# **CONVENIENT CARE CENTRES**

Treatments shifting to bespoke out-of-hospital and convenient care centres





# **RETAIL-BASED PRIMARY CARE CLINICS**

Primary care shifting from traditional practice settings to retail settings

















# Sophisticated data science and AI to make healthcare more personalised and precise for members of DHMS





# >30 YEARS CLINICAL, LIFESTYLE & BEHAVIOURAL INSURANCE DATA

#### LIFESTYLE DATA

Exercise Sleep Nutrition

#### **BEHAVIOURAL DATA**

Engagement
Propensity
Resilience
Intervention response

#### **CLINICAL DATA**

Pathology Fa
Doctor consults Chro
Screening M
Claims experience Care
Admissions

#### AL DATA

Family history Chronic conditions Medication Care programmes Coaching

## SCIENCE-BASED CLINICAL AND MEDICAL EXPERTISE

POPULATION HEALTH MANAGEMENT



HEALTH PATHWAYS



CLINICAL GUIDELINES



LIFESTYLE &
BEHAVIOURAL INSIGHTS



#### **ADVANCED MACHINE LEARNING & DATA-SCIENCE**

PERSONALISED RISK ALGORITHM



ACTUARIAL, RESONANCE & HABIT OPTIMISATION



PERSONALISED PATHWAYS

NEXT BEST ACTIONS



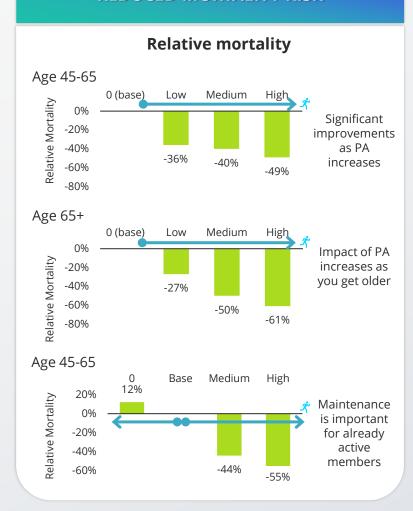


Clinical Life

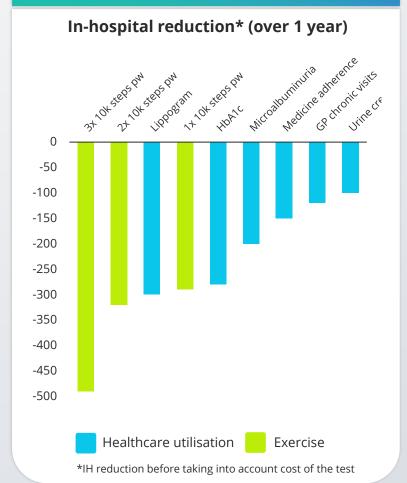
# Clinical and lifestyle behaviour change proven to reduce mortality and healthcare costs



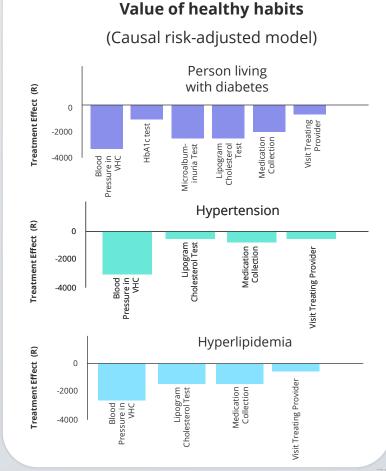
#### **REDUCED MORTALITY RISK**



#### **REDUCED HEALTHCARE COSTS**



#### **IMPROVED BEHAVIOUR AND HABITS**



# Personal Health Pathways available to all 2.1 million DHMS adult members



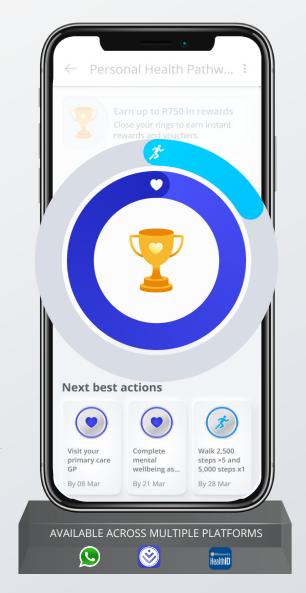
# Personalised next best actions

## **Optimised for engagement**

Recommended actions designed to maximize engagement and health outcomes

#### **Dynamic**

Actions, pathways adapt to changing health, chronic conditions, habit formation and engagement recorded



# Health and lifestyle progress

## **Healthy actions ring**

Complete recommended next best actions to close ring. Unlock rewards based on value to the Scheme when closing ring

### **Exercise ring**

Weekly physical activity ring including gradual, step-based actions to promote engagement for unengaged populations and healthy habit formation

# Rewards optimised for engagement and cost

## **Optimised for engagement**

Rewards based on impact on long-term health, cost to the Scheme and propensity to engage

#### **Dynamic**

Rewards adapt to changing health, chronic conditions, habit formation and engagement recorded



# Value

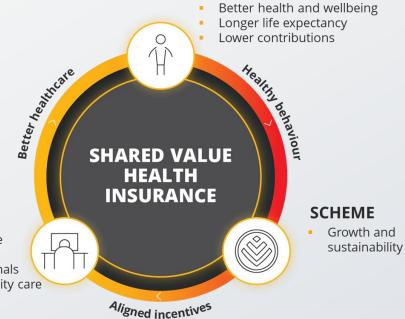
# **Values**

# MEMBERS

#### **SOCIETY**

- Healthier and more productive workforce
- Higher revenues for healthcare proffesionals engaged in high-quality care

Less disease



Our core purpose is to make people healthier and to enhance and protect their lives