October

2018

21st South African Financial Services Conference BRETT TROMP | CFO | DISCOVERY HEALTH

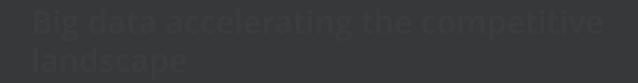






Efficacy of the Shared value model achieving the results that drive a social purpose

Discovery Health and growth





Vitality continues to catalyze the growth



WHY

Make people healthier and enhance and protect their lives

HOW

Members Improved health, better value through improved price and benefits



nsurer savings

Vitality

Improved productivity

Reduced healthcare burden

Insurer Lower claims Higher margins Positive selection and lower lapses WHAT

Life insurance

Health insurance

Short-term insurance

Long-term savings

Banking

Trends underpinning the Shared-Value model remain relevant







Societies require companies to fulfil a socially progressive core purpose



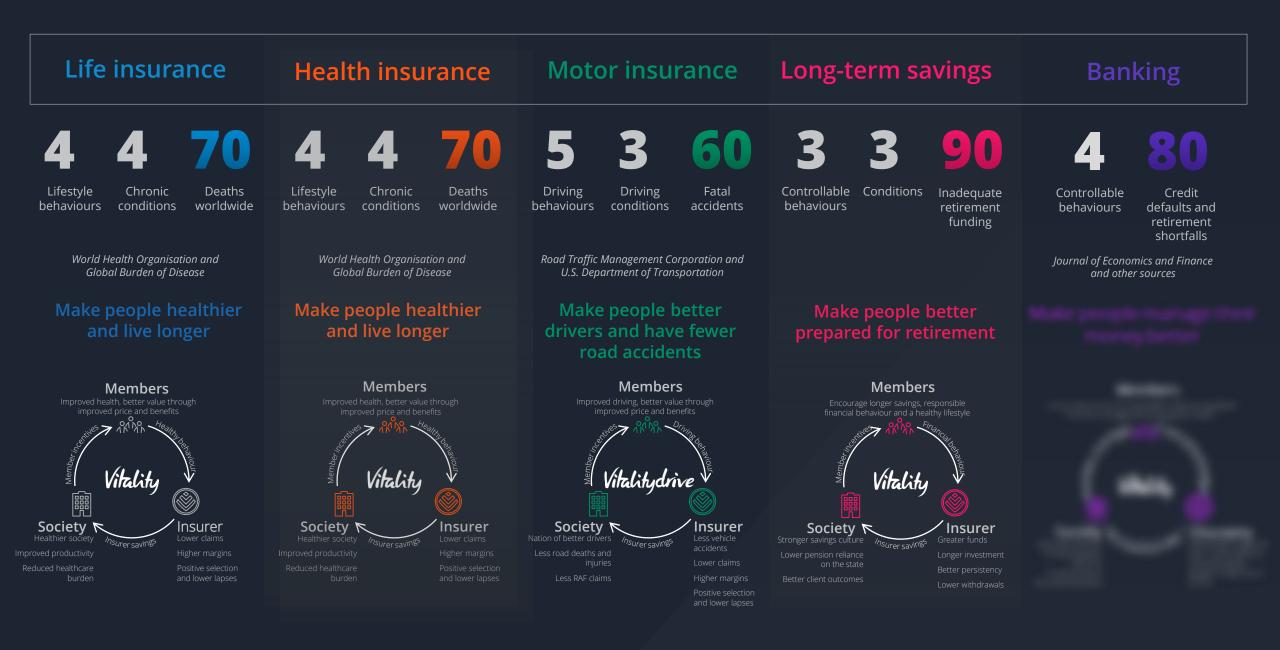
Consumers live in a technology-dominated world and seek solutions instead of services



The nature of risk is behavioural and solutions are becoming increasingly personalised

The nature of risk is behavioural





Dynamics of the model manifest across all industries а́ш́ Ľ. EXIT Shared value Selection \mathbf{X} Behaviour \mathbf{X} Lapses Sales X 15%+ Life >2x 20%-30% 20%+ >50% lower lapse rates insurance

better claims experience

increase in

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lower mortality on



¹ from 2007 to 2016 ² from 2013 to 2018 ³ RA and linked annuities, from 2015 to 2018 Higher VNB

Mathematics of Vitality Shared-Value Insurance









Efficacy of the Shared value model achieving the results that drive a social purpose



Discovery Health

Big data accelerating the competitive landscape



Vitality continues to catalyze the growth

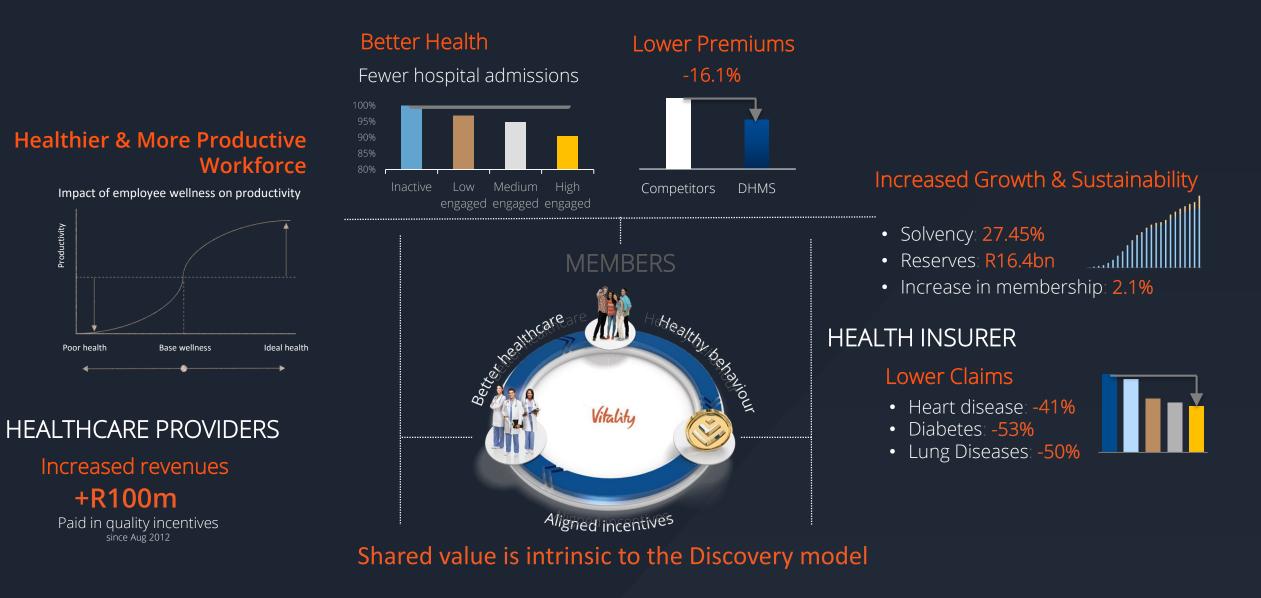
The Healthcare Trilemma





Discovery Health's Shared Value Solution to the Healthcare Trilemma





DHMS Value Proposition



1 🖸	Immediate affordability	• 16.4% lower contributions than next 9 largest open schemes
2	Full spectrum of plan choices, richest benefits & extensive networks	 23 plans with rich benefits – widest range in market 97% Overall In-hospital claims payout ratio Extensive networks to avoid member co-payments
3	Financial Strength & long term sustainability	 Highest possible credit rating AAA 27.44% solvency and rising R16.4 bn reserves and rising
4	Best in class claims risk management	Allows scheme to provide rich benefits at competitive premiums
5	Member satisfaction & servicing	 Continuous investment in member service systems and tools 8.8 out of 10: Member Satisfaction Score Access to world class digital tools and technologies
6 1	Sound governance	 Highly Skilled and fully independent Trustees Sophisticated and rigorous governance environment with 10 Board Committees Ongoing external governance review
7	Peace of mind as healthcare partner for quality	 PaSS: Improvement in hospital and doctor ratings Monitoring mortality rates for Acute MI Decrease in inappropriate use of hospital acquired infection rates
8 Vitality	Strong focus on employee wellness	 World leading wellness programmes Discovery HealthyCompany Vitality





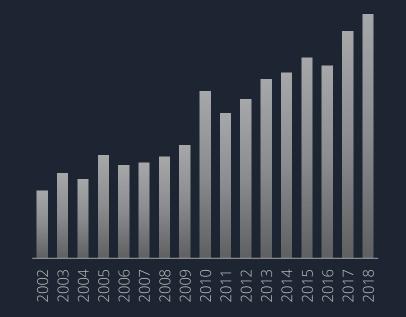
New business

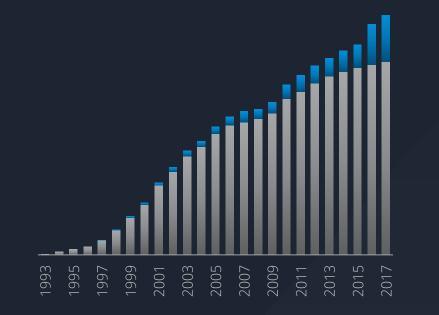
+8% to R6 573m excl. take-on of new closed schemes Membership

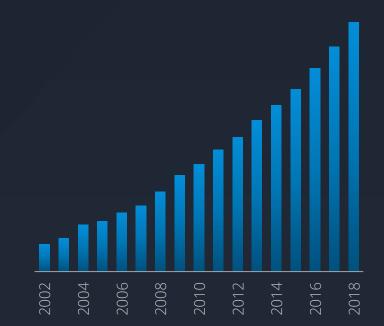
>3.5m under administration

Operating profit

+11% to R2 777m

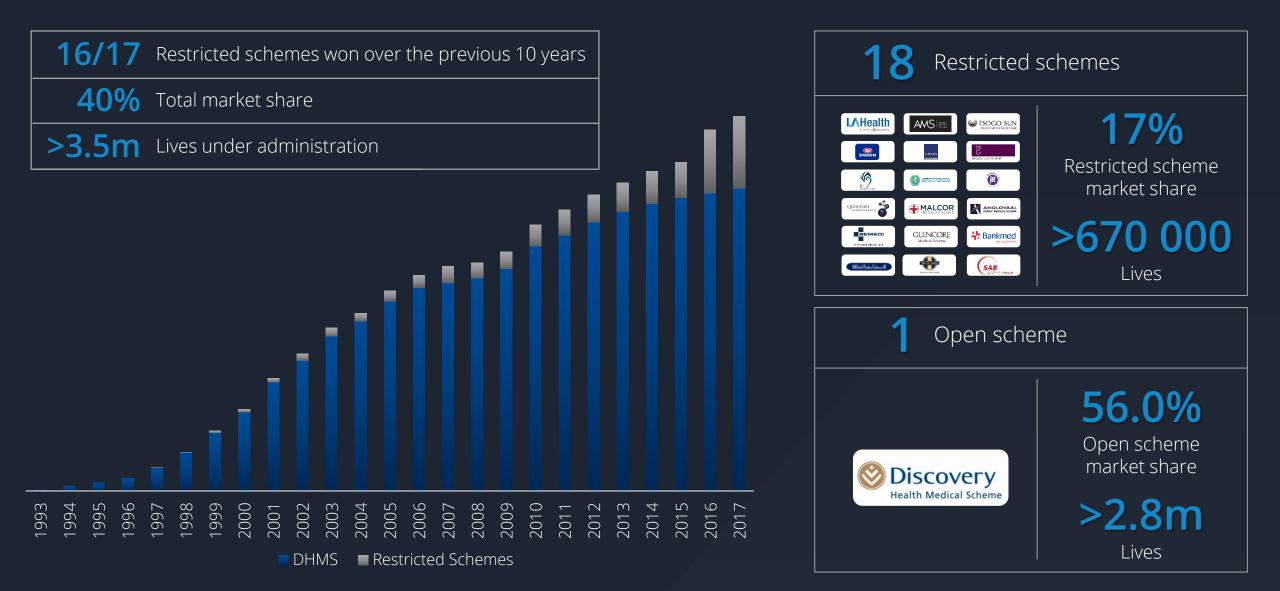






Scale of Discovery Health





DHMS continued excellence in a challenging economic environment



Competitive advantage

-16.4% Lowest premiums in the scheme market (2017: -15.1%)

10.1% DHMS admin and managed care fees in bottom quartile

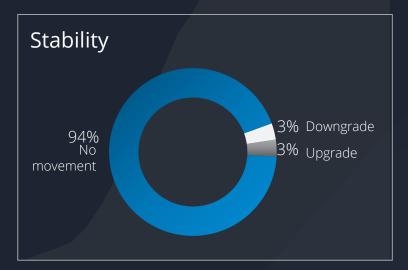
R2.10 Value generated for every R1 paid to Discovery Health

Growth and stability

56% Market share

+2.08% Membership growth

4.8% Annualised lapse rate



Security

27.44% Solvency

R16.4bn

Reserves

R2.45bn

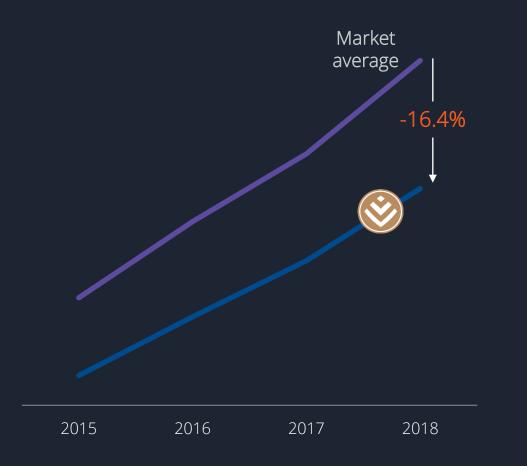
Net surplus

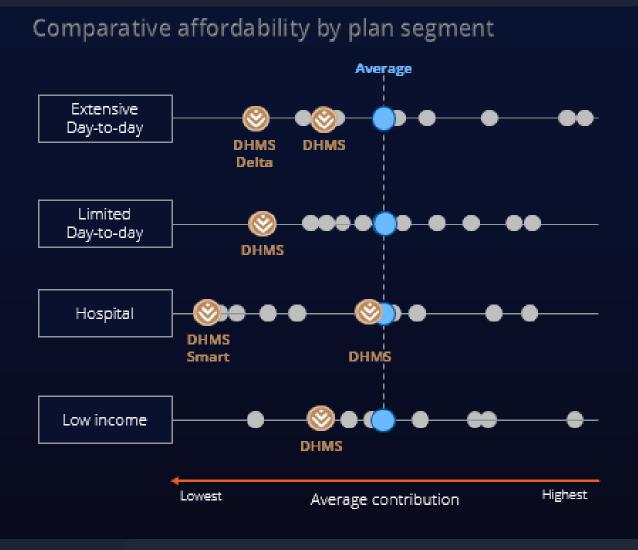
AAA GCR credit rating

Contributions are competitively priced across all segments, usually with superior benefits



DHMS relative contribution differential

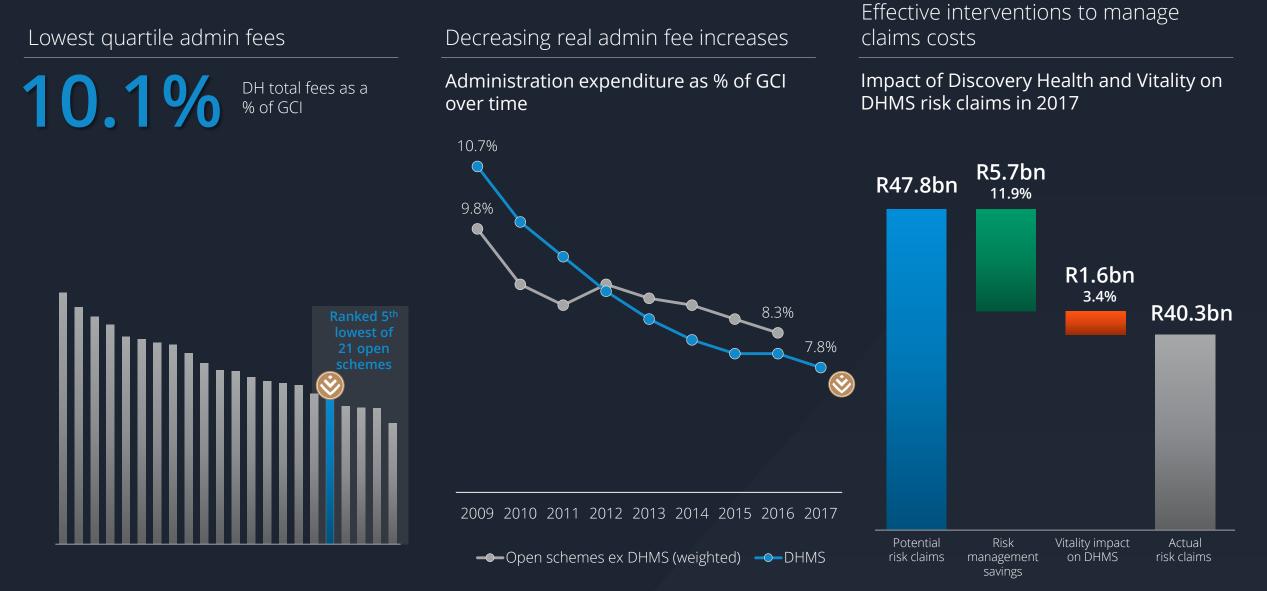




Sources: Published contributions for 2018 P + A + C = Principal member + Adult dependant + Child dependant DHMS vs the next 8 largest open schemes

Becoming the lowest cost administrator





New products driving growth - Healthy Company I Digitally-enabled, comprehensive employee assistance programme and wellness solution

Cost per employee per month

- 20%

R40

Comparative price, excluding ongoing assessments and digital interventions

R20

R30

Healthy Company Hea (non-integrated) (fu

Healthy Company (fully-integrated)

R11

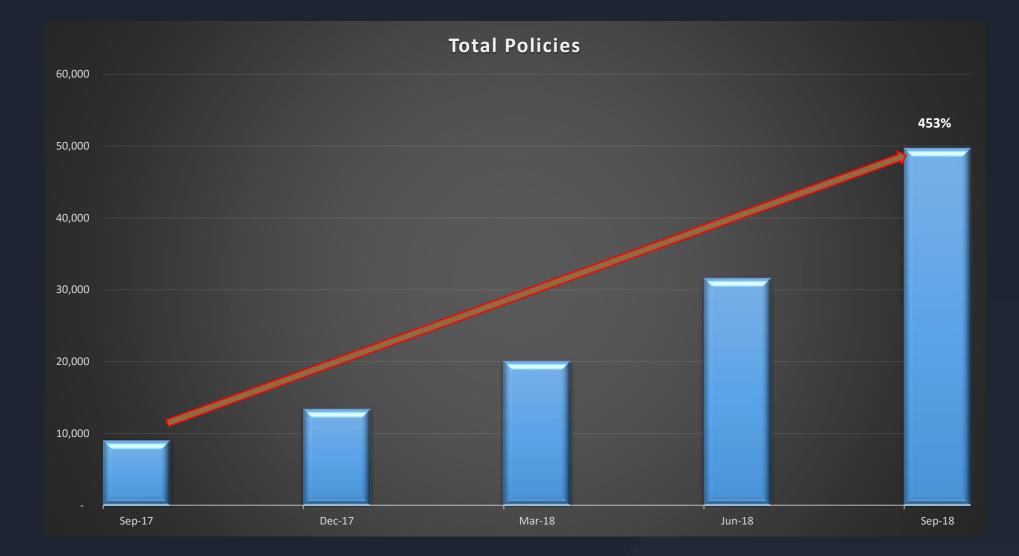
- 78%





Rapid growth in Non Scheme products.





Regulatory environment



Discovery Health is actively supporting the development of the NHI and remains committed to growing shared value in South Africa's healthcare system

National Health Insurance Bill



- 1. Slow and phased-in process
- 2. Focus on vulnerable groups
- 3. Medical schemes to co-exist with NHI
- 4. Voluntary contracting for private sector entities
- 5. No clarity on funding

Pragmatic and workable

Medical Schemes Amendment Bill



- 1. Most recommendations are pragmatic
- 2. Some concerns regarding scheme rules and governance

More clarity required

Health Market Inquiry



- 1. Majority of findings and recommendations are sound and workable
- 2. Critical supply side recommendations will have significant positive impact if implemented as proposed

Comprehensive and insightful





Efficacy of the Shared value model achieving the results that drive a social purpose

Discovery Health and growth

3

Big data accelerating the competitive landscape

Vitality continues to catalyze the growth

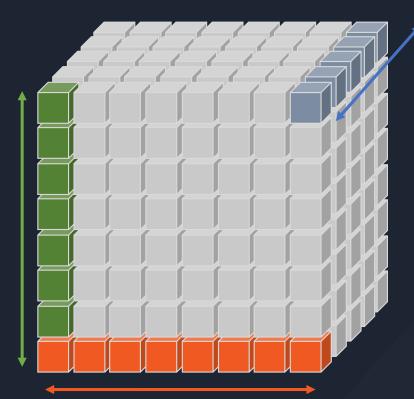
Data is substantial



>2 petabytes of behaviour-linked insurance data

Driving data

Demographic information Kilometers driven Driver behaviour Accident impact Driver routes Harsh braking Acceleration Cornering Mobile phone usage Time and distance of trips

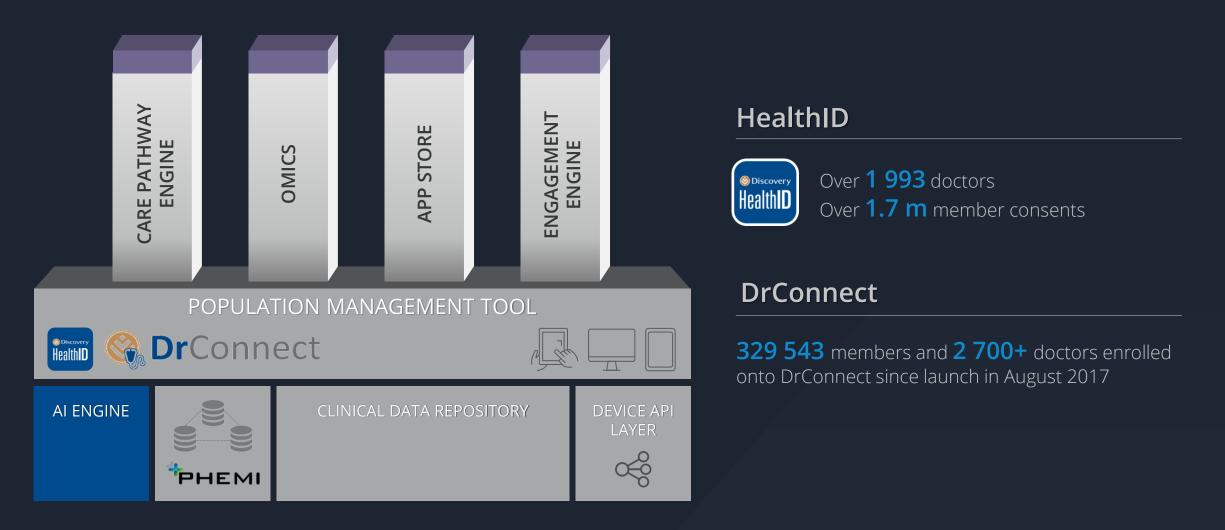


Health data

Demographic information Cost of claims Provider visits Hospital admissions Condition management Health outcomes Out of hospital spend Chronic condition history Physical activity Biometrics and screenings Nutrition Smoker status Vitality status

Financial data

Customer loyalty Customer spend behaviour Price sensitivity Credit riskiness Significant progress in building a fully integrated digital platform to enrich interactions and drive engagement



Data collected through a comprehensive digital member platform

Information



Exercise data 500 000 workouts logged per day

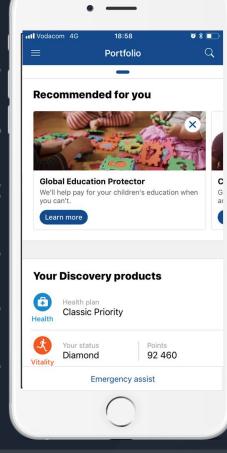


Claims information



- Vitality Health Check data 32 000 health screenings per month
- Geolocation 2 200 000 pings per month
- Healthy Food 55 000 baskets per day
- Call centre data 35 000 calls per day

Driving data



Find a doctor





Health ID 2 000 doctors and 1 700 000 member consents

Order medicine 480 000 orders per annum

Active Rewards >400 000 users

MyPregnancy

>25 000 members registered

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L	Contraction Contract	

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1.4m downloads



On average 3 app logins per week per active user

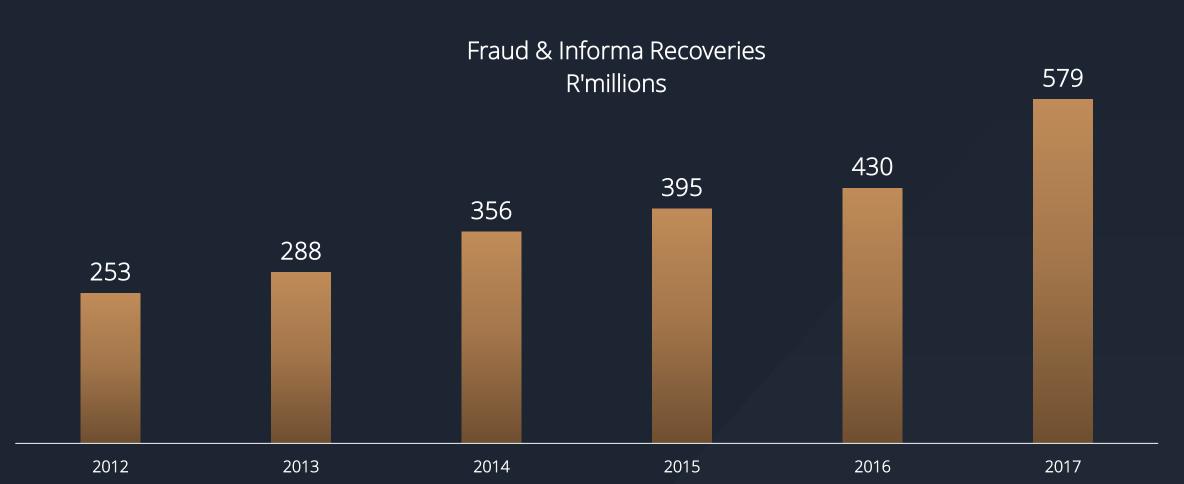


Stuff magazine's App of the year



Data driving Fraud & informa savings and recoveries





Includes total savings and recoveries, hospital group settlements and deferred amounts

Applying behavioural science to fraud

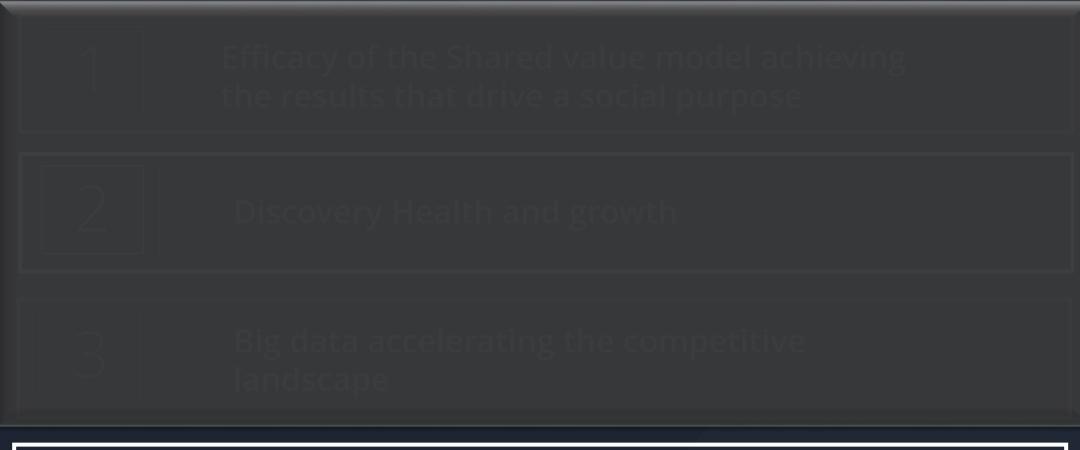




"Unusual" information beyond claims data is being used to combat fraud





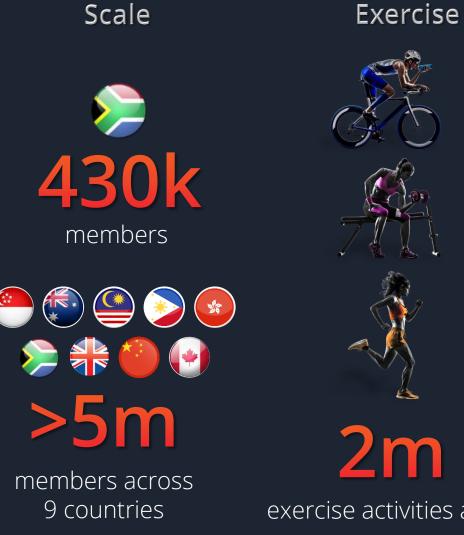




Vitality continues to catalyze the growth

Active Rewards is a global success







Excluding Ping An Run Vitality



Rewards

ical progress Achieved

Data

Increase in exercise days after taking up Apple Watch



● +110%

+39%

Note Heard

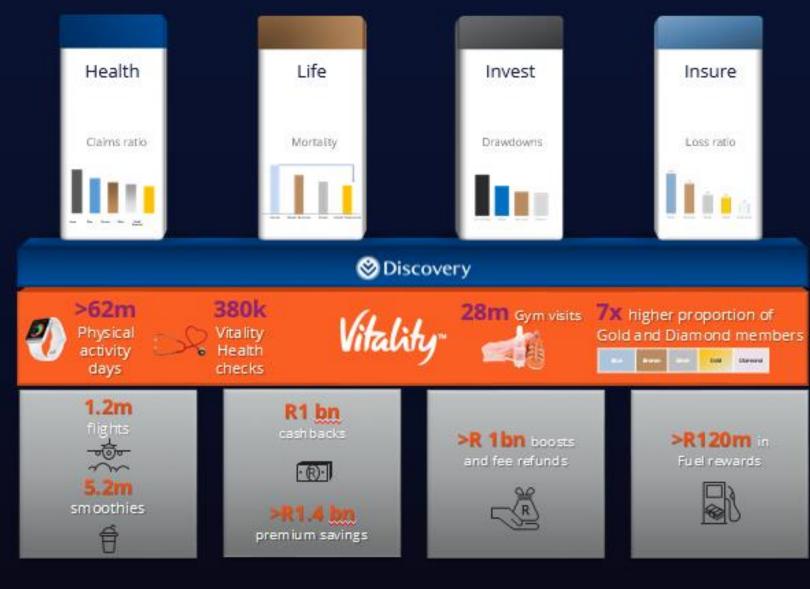
Engagement and activity generates additional data unique to Vitality, emphasizing the depth of data underpinning analyses

Getting Rewarded Getting Healthy VP al and a second se $\sim \gg$ <u>-Do</u> · •• / \sim 250 000 20 million Over 10 000 R1 billion 1 million 2.5 million 1.8 billion 10 million Vitality Health HealthyFood Team Vitality HealthyFood discounted discounted **Discovery Miles** discounted gym Checks baskets bought cash back flights booked members movies earned visits

On an average day in Discovery Health ...







HealthyFood engagement and impact



Catalogue >10,000 Healthy Food items



WOOLWORTHS W n Pau Ρ

Awareness



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Discovery Vitality - VI

Frequency



Healthy Food baskets



Rewards **R274m**

> Healthy Food cashback



Active Rewards 2.0



Health behaviours Personalisation Physical Weekly Vitality Active Rewards 1.0 activity goals Activity Multiple Personalised Vitality risk factors health goals Vitality Active Rewards 2.0 \bigotimes ij Ψ٩ Ø

Reward mechanics

Static rewards





Dynamic game play



Incentives

Defined micro-reward on goal achievement





Vitality reward points, plus instant prizes





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