

Investing in Singapore's Health



AIA Vitality

AIAVitality.com.sg



**THE REAL LIFE
COMPANY**

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FOREWORD

For over 80 years, AIA Singapore has been there for Singaporeans when real life happens – throughout the ups and downs, challenges and opportunities. Whether it’s achieving ambitions, supporting a family, seeing our kids through school, enjoying retirement, or anything else, we understand because we’ve been there ourselves.

The truth is, our continued growth is linked to the community we serve and we are concerned about the overall state of the nation’s health. We want to do something which demonstrates our commitment to Singapore’s future.

What could AIA Singapore offer?

Since we are in the business of health, it makes perfect sense that we address the issues facing Singaporeans in the health and wellness space.

And we support the government’s Healthy Living Master Plan aimed at developing initiatives that will ensure all Singaporeans have access to an affordable healthy lifestyle.

Recent research has shown that Singaporeans are living longer, but a bulk of their additional years will be in poor health because of their unhealthy lifestyles.¹ Singapore has one of the highest rates of diabetes among developed nations, and the percentage of Singaporeans aged 18 – 29 years suffering from diabetes has doubled from 2004 to 2010.² Again, it is because of the unhealthy lifestyle choices people are making.

So what can we do about it?

The answer sounds simple – get people to change their behaviour, opt for healthier choices and focus on preventive care. But this is far easier said than done.

It is amazing how much one can reduce the risk of chronic disease by eating healthier, being physically active and avoiding tobacco products, yet, why are people not doing enough?

So we brought together the best and brightest minds to design a game-changing solution which would inspire Singaporeans to make the right choices regarding their health.

We are very proud of the results. The key for us is to help positively influence behavioural change.

AIA Singapore launched a science-backed wellness programme called AIA Vitality which provides Singaporeans with the knowledge, tools and motivation to achieve sustainable behavioural change and attain their health goals. We developed it in partnership with Discovery Holdings from South Africa which pioneered the Discovery Vitality programme in 1997, and continues to evolve through scientific research and collaborations with leading experts in the fields of behavioural economics, incentivisation and wellness. The Discovery Vitality programme is the largest of its kind in the world with over 5 million members in 4 continents.

AIA Vitality is designed to make members accountable for their own health. It is the only programme of its kind created to influence long-term behavioural change by going beyond a loyalty or discount programme. It also provides members with in-depth health, nutrition and fitness assessments, educational content, trackers and social media tools, among other benefits.

We have, in essence, created a nationwide infrastructure with our partners to develop this programme to help Singaporeans improve their current state of health and live longer and healthier lives.

And we are putting our money where our mouth is.

AIA Singapore is the first insurer in Singapore to reduce premiums throughout the insurance policy duration, for members who are committed to getting healthy. AIA Vitality members may enjoy discounts on their premiums and lower their overall medical expenses in the long-term as they improve their health status.

AIA Singapore is invested in the future of our nation and we are dedicated to bring real change to the behaviour of Singaporeans so that they make healthier choices to live better, happier lives with their families. This can easily be achieved with AIA Vitality.

This is our commitment to our customers as the Real Life Company.

Sincerely,



Tan Hak Leh
CEO, AIA Singapore

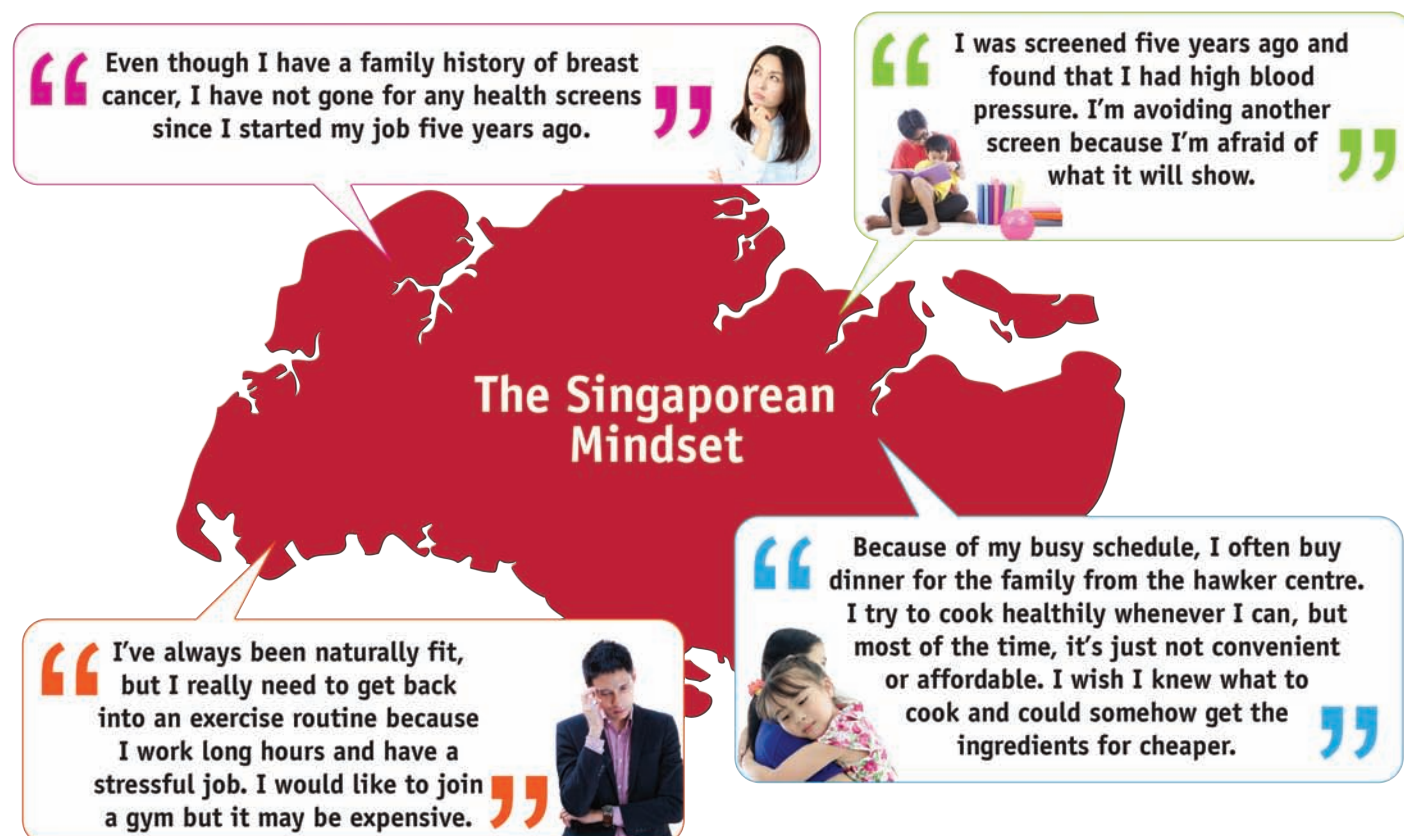
This demonstrates the importance of preventive care to a nation's well-being, and significant changes can and should be made to influence healthy behaviour through initiatives which motivate Singaporeans to make the right choices in life for themselves and their family.

2012
some 300,000
are aged 65 or
older

By 2030,
some 900,000
- triple the
number today
will be aged
65 or above

The infographic consists of two light gray rounded rectangular boxes with orange brackets on the right side. The first box on the left is labeled '2012' in bold black text, with 'some 300,000 are aged 65 or older' in orange text below it. To its right is a light blue circle containing three purple human icons. The second box on the right is labeled 'By 2030,' in bold black text, with 'some 900,000 - triple the number today will be aged 65 or above' in orange text below it. To its right is a light blue circle containing nine purple human icons, representing a triple increase from the first circle.

Like many developed countries, Singapore is living with an ageing population. The concern is that while Singaporeans are living longer, they are spending more years in poor health.⁴ This trend is expected to continue. Singaporeans born in 2010 will live approximately 2 more years in poor health compared to Singaporeans born in 1990,⁵ a study revealed.



Impact of lifestyle choices on the health of Singaporeans

The AIA Healthy Living Index Survey 2011 found that more than 7 in 10 adults in Singapore believe that their health is not as good as it was 5 years ago.⁶

7 in 10 Singaporeans say:

“Our health is not as good as it was 5 years ago.”

Source: AIA Healthy Living Index Survey 2011



In addition, the AIA Vitality Age Survey 2012 found that Singaporeans are 4 years older than their chronological age due to unhealthy lifestyle choices they make every day. This evidence-based survey of 1,000 participants quantifies the number of years lost by Singaporeans due to unhealthy behaviours. It also revealed that 1 in 2 Singaporeans have more than 5 out of 13 risk factors outside of the healthy range according to the Health Promotion Board (HPB) guidelines. This includes areas such as blood pressure and Body Mass Index (BMI).⁷

Singaporeans are 4 years older than their chronological age due to the lifestyle choices they make each day.



Source: AIA Vitality Age Survey 2012

In fact, approximately 2 in 5 Singaporeans aged 20 years and above are already suffering from at least 1 chronic ailment which includes high blood pressure, high cholesterol levels and diabetes.⁸

**2 in 5 Singaporeans
aged 20 years
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chronic ailment**



Source: Ministry of Health, Singapore

While Singaporeans desire to stay healthy for a better quality of life and to be able to care for their family longer,⁹ many blame their busy schedules for not being as healthy as they could be.

The Case for Preventive Care

Singapore's major health concern is not only that of an ageing population. It is also the increasing incidence of chronic diseases among both the young and old which will escalate the nation's overall healthcare expenditure by an additional 11% each year until 2018.¹⁰

While government healthcare spending is traditionally focused on the elderly, salaries of healthcare providers, infrastructure and other services, recent studies¹¹ underscore the value of investing in preventive care to reduce healthcare costs in the long-term.

This is because 3 controllable behaviours result in 4 chronic diseases which are responsible for 50% of deaths worldwide.¹²



Source: Oxford Health Alliance

Importance of preventive screening

Preventive screenings have been recognised as a cost-effective way to identify and treat potential health problems before they develop further and result in an unfavourable prognosis¹³ which can be costly. Regular screenings are recommended as the early detection of common chronic diseases allows for more effective treatment.

- 27% of respondents in the AIA Vitality Age Survey 2012 had not had cholesterol, blood pressure, or blood glucose checks in the past 12 months.
- From 2007 to 2010, there has been a 11.3% decrease in the percentage of women aged 25 to 69 who had a Pap Smear test done in the last 3 years, from 59.2% to 47.9%.¹⁴

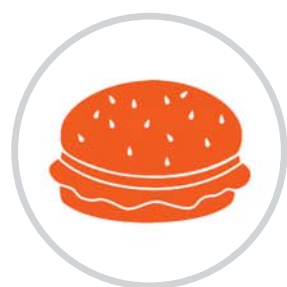
The Fight against Chronic Diseases

Singapore is on the right track in the fight against chronic diseases, based on results of the National Health Survey released in 2010.¹⁵ However, more can be done and we recommend increased focus to deal with 3 key areas:

- Impact of physical inactivity on the prevalence of obesity.
- Impact of poor dietary behaviours on obesity.
- Burden and prevalence of diabetes.



Impact of physical inactivity on the prevalence of obesity



Impact of poor dietary behaviours on obesity



Burden and prevalence of diabetes

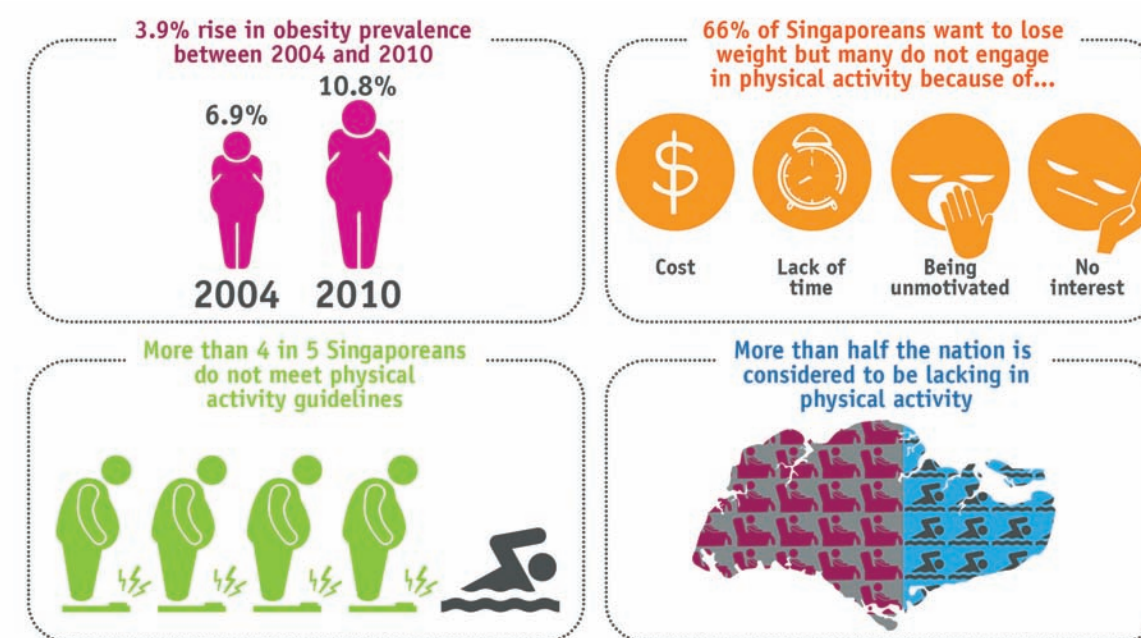
Impact of physical inactivity on the prevalence of obesity



Impact of physical inactivity on the prevalence of obesity

Physical activity is one of the cornerstones for the prevention and management of obesity¹⁶ and other chronic diseases.¹⁷

- Although 62% of Singaporeans realise the importance of physical activity,¹⁸ more than half of the population is not meeting the guidelines set by the Health Promotion Board (HPB)¹⁹ of at least 150 minutes-a-week of moderate to intense physical activity.²⁰
- The AIA Vitality Age Survey 2012 also found that more than 4 in 5 Singaporeans do not meet the physical activity guidelines by HPB.
- HPB attributes the rise in obesity prevalence by 3.9% between 2004 and 2010 to Singaporeans' leading less active lifestyles and being in more sedentary occupations.²¹
- Weight loss is a key area of concern among Singaporeans with 66% of Singaporeans wanting to lose weight.²²



Source: Health Promotion Board, AIA Healthy Living Index Survey 2011, AIA Vitality Age Survey 2012

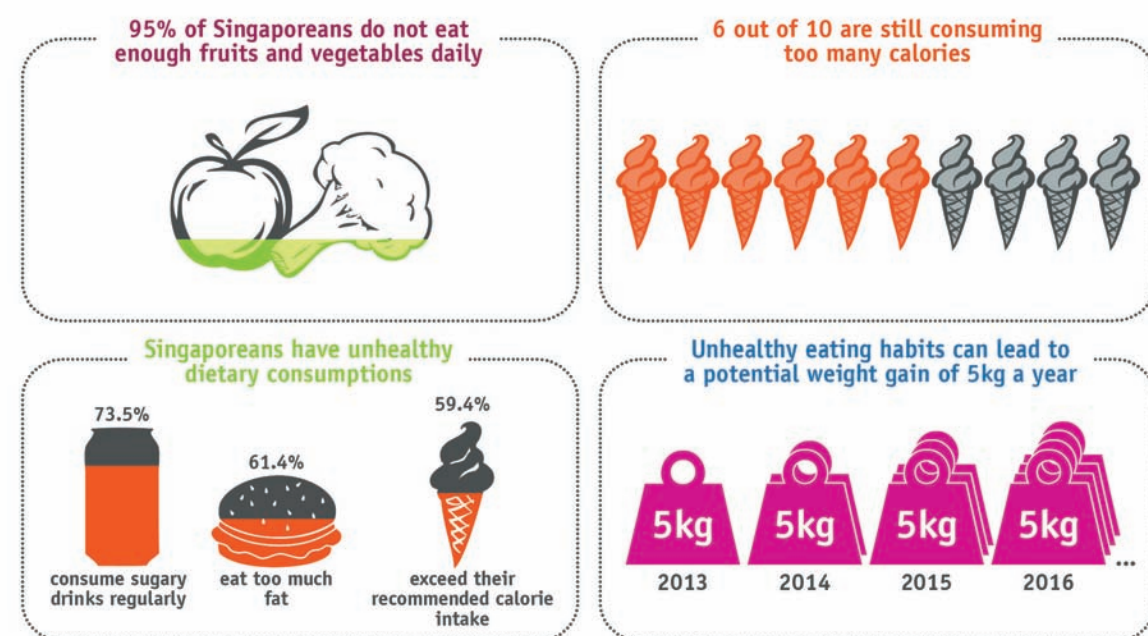
Impact of poor dietary behaviours on obesity



Impact of poor dietary behaviours on obesity

It can be argued that one of the greatest contributors towards chronic diseases is diet and nutrition.²³ 95% of Singaporeans are not consuming enough healthy food²⁴ of 2 servings of fruit and 2 servings of vegetables every day, as suggested by guidelines set by HPB,²⁵ and that they are consuming unhealthy food in excess which could result in weight gain.²⁶

- Although Singaporeans are now eating healthier food, 6 in 10 are still consuming too many calories.²⁷
- 73.5% are still consuming sugary drinks on a regular basis, 61.4% eat too much fat, and 59.4% exceed their recommended calorie intake. This could potentially lead to a weight gain of 5kg a year.²⁸



Source: AIA Vitality Age Survey 2012, Health Promotion Board

Burden and prevalence of diabetes

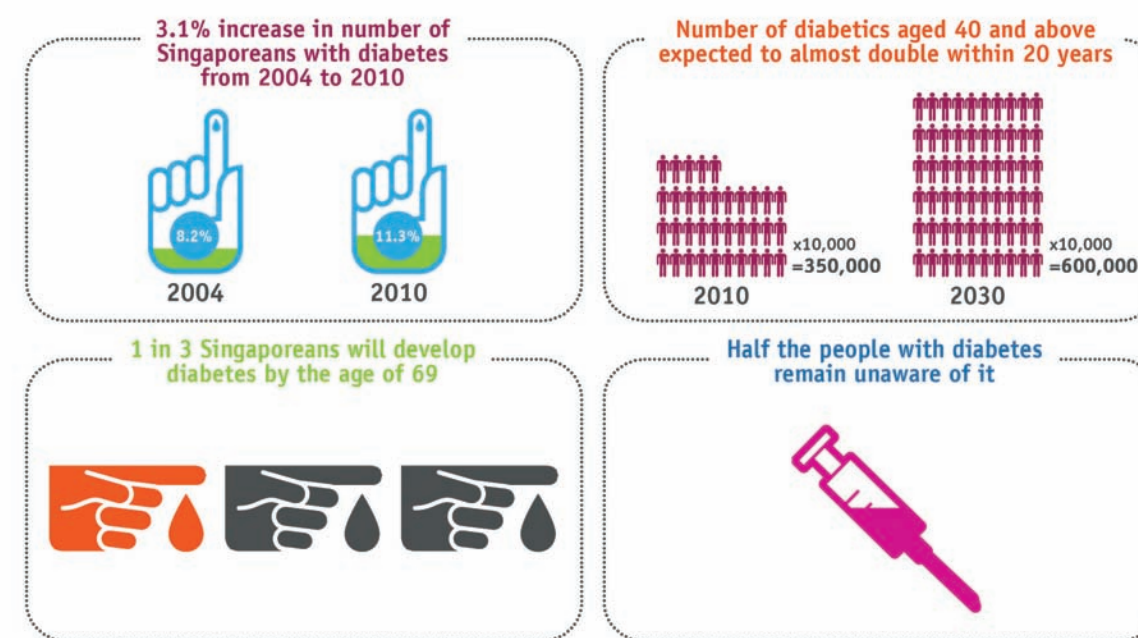


Burden and prevalence of diabetes

Singapore currently has one of the highest incidences of diabetes in the developed world.²⁹ This trend appears to mirror obesity figures,³⁰ suggesting that Singaporeans could find themselves with a host of chronic conditions in the future.

Worryingly, there is not only a rise in the number of people suffering from diabetes. Half the people with diabetes remain unaware of it.³¹ As such, the true burden of the disease cannot be accurately calculated, and Singaporeans may not be prepared to financially and psychologically manage the condition.

- The percentage of Singaporeans aged between 18 and 69 with diabetes increased by 3.1% from 8.2% in 2004 to 11.3% in 2010.³²
- Approximately 350,000 Singaporeans aged 40 and above are diabetic, increasing their risks of suffering from heart problems and strokes. With an ageing population, this number is expected to almost double to 600,000 by 2030.³³
- 1 in 3 Singaporeans will develop this condition by the time they are 69, making it one of the most pressing health issues affecting Singaporeans.³⁴ 11.3% of those aged 18 to 69 were already diagnosed with the disease in 2010.



Source: Ministry of Health, Singapore, AIA Healthy Living Index Survey 2011, National Registry of Diseases Office

Addressing the Health Challenge

Fortunately, the World Health Organization (WHO) has identified 3 preventive behaviours to avoid chronic diseases:

- 1) Eat healthy food,
- 2) Participate in physical activity, and
- 3) Avoid tobacco abuse.³⁵



Source: World Health Organization, Oxford Health Alliance

The WHO estimates that better use of existing preventive measures could reduce the global burden of disease by as much as 70%.³⁶

The HPB is committed to the goal of eradicating unhealthy behaviour completely through campaigns that encourage Singaporeans to engage in 150 minutes of physical activity a week³⁷ and to stop using tobacco products.³⁸ It has published dietary guidelines to promote health with a focus on the consumption of certain food high in grains (especially whole grains), as well as fruits and vegetables, and to avoid food high in salt, fat and sugar.³⁹ HPB also stresses the importance of regular screenings at recommended intervals for early identification of disease⁴⁰ which can potentially save lives.

AIA Singapore seeks to support and complement these efforts in line with the Healthy Living Master Plan.

“HPB stays close to the lives and aspirations of Singaporeans to help them realise their health ideals. We are heartened to see industry players like AIA Singapore also committing to a long-term effort towards helping the nation lead a healthier lifestyle.”

– Mr. Zee Yoong Kang
CEO, Health Promotion Board

AIA Vitality: Supporting policyholders in their efforts to get healthier

Based on the above information and insight, AIA forged a partnership with Discovery Holdings to launch AIA Vitality in Singapore.

The partnership reflects AIA's commitment to ensure that policyholders are made aware of their state of health, empowered to make the right choices regarding their health and that they are rewarded for doing so.

The Vitality programme, the largest of its kind in the world, is backed by science and sound clinical integrity. It is also the only programme of its kind created to influence long-term behavioural change. Vitality has built up an outstanding 16-year track record of success and is internationally recognised across 5 countries in 4 continents including South Africa, UK, USA, China, and now Singapore. It has been clinically proven that Vitality members have significantly lower healthcare costs than those who are not members.⁴¹

Unlike other wellness programmes, Vitality uses a combination of financial incentives and principles of behavioural economics to achieve sustainable change. In addition to providing the knowledge and tools to achieve their health goals, AIA Vitality also encourages members with rewards based on their health outcomes. These benefits include cashback on healthy food at Cold Storage, discounts for gym membership, sports apparel and smoking cessation courses, among others.

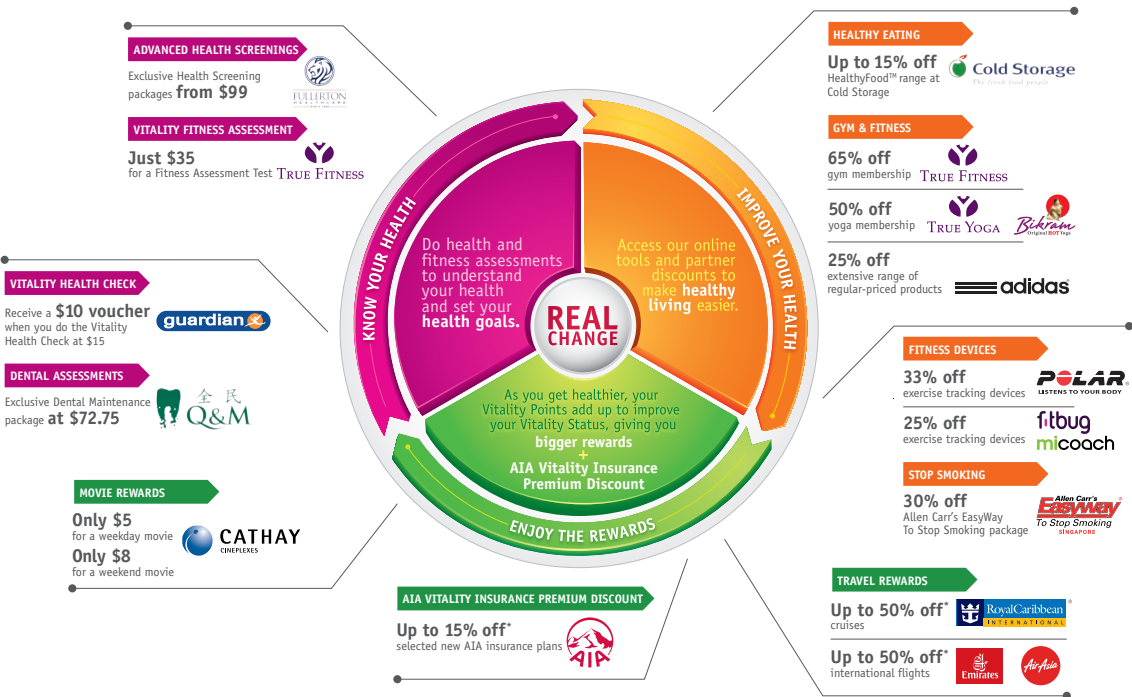
AIA Vitality recognises the importance of keeping members motivated by adding up the benefits of every healthy choice, however small. Members can make real change to their health, and live a life that is rewarding in every way.



Five reasons to join AIA Vitality

1. Gain a partner that works with you towards better health.
2. Experience the easier and more accessible way to get healthier.
3. Be rewarded for getting healthier.
4. Enjoy bigger savings on your insurance premiums.
5. Become part of Vitality, the world’s largest science-backed wellness programme.

How AIA Vitality works



Terms and conditions apply. Discount promotion for Emirates and AirAsia will commence in September 2013.
*Status dependent offers. Discounts vary depending on Vitality Status attained.

Know your health

Understanding your health is the first step to improving it. And it all begins online at AIAVitality.com.sg, where you can access a wealth of information that provides you with the knowledge to do so. What’s more, AIA Vitality also offers you a range of complementary health, nutrition and fitness assessments to help get you on the path to better health.

Improve your health

As you embark on your journey to get and stay healthy, we make it easier and cost effective with discounts from our wellness partners. You’ll enjoy special rates on advanced health screenings, smoking cessation courses, gym memberships, workout gear and cashback on healthy food.

Enjoy the rewards

As you improve your health, you will be rewarded with Vitality Points and a Vitality Status. The more Vitality Points you earn, the higher your Vitality Status and the bigger your rewards!

You can enjoy discounts on movie tickets, international cruises, international flights and insurance premiums for selected new AIA insurance plans.

Your added bonus – savings on your AIA insurance premiums

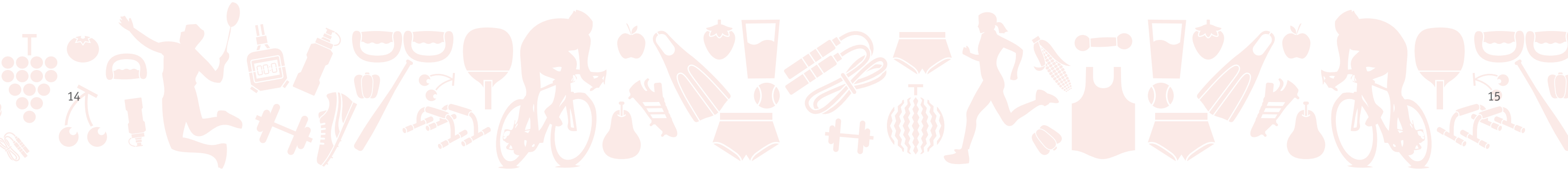
As the wellness programme that rewards you for getting healthier, AIA Vitality is already stacked in your favour. Sign up for any of the following AIA insurance plans, together with AIA Vitality, and enjoy an upfront discount^{a,b} on your first year premium and up to 15% discount^c on your future years’ insurance premiums^b when you improve your Vitality Status.

1. AIA Secure Term Plus
2. AIA Secure Critical Cover
3. AIA Complete Critical Cover (S\$)
4. AIA Recovery Lifeline
5. AIA Premier Disability Cover
6. AIA HealthShield Gold Max Essential^{a,d}

How AIA Vitality Insurance Premium Discount works

The premium discount starts from the upfront premium discount^a in policy year 1.

AIA Insurance Plans	Upfront premium discount
AIA Secure Term Plus	5%
AIA Secure Critical Cover	5%
AIA Complete Critical Cover (S\$)	5%
AIA Recovery Lifeline	5%
AIA Premier Disability Cover	5%
AIA HealthShield Gold Max Essential ^d	0%



References

¹ ‘Singaporeans ‘Living Longer in Good Health – and Bad’’ (December 19, 2012) The Straits Times; Salma Khalik. Available at: <http://www.healthxchange.com.sg/News/Pages/Singaporean-Living-Longer-Good-Health.aspx>

² ‘Young and diabetic: More teens and young adults risk complications from this disease at an earlier age’ (August 8, 2012) TODAY; Eveline Gan.

³ ‘World’s Healthiest Countries’ (August 15, 2012) Bloomberg Rankings. Available at: <http://www.bloomberg.com/slideshow/2012-08-13/world-s-healthiest-countries.html#slide21>

⁴ ‘Singaporeans ‘Living Longer in Good Health – and Bad’’ (December 19, 2012) The Straits Times; Salma Khalik. Available at: <http://www.healthxchange.com.sg/News/Pages/Singaporean-Living-Longer-Good-Health.aspx>

⁵ ‘Singaporeans ‘Living Longer in Good Health – and Bad’’ (December 19, 2012) The Straits Times; Salma Khalik. Available at: <http://www.healthxchange.com.sg/News/Pages/Singaporean-Living-Longer-Good-Health.aspx>

⁶ ‘Despite low Healthy Living Index score, Singaporeans’ desire remains strong for a better quality of life for themselves and their families’ (October 25, 2011) AIA Singapore. Available at: http://www.aia.com.sg/en/resources/cf07bb004afd24878492d4fe179089c3/AIA_healthy_living_index_survey_findings_sg.pdf

⁷ Diseases & Conditions: Hypertension (2012) Health Promotion Board. Available at: <http://www.hpb.gov.sg/HOPPortal/dandc-article/766>

⁸ ‘More young people hit by chronic illness’ (September 21, 2011) The Straits Times; Salma Khalik. Available at <http://www.healthxchange.com.sg/News/Pages/More-young-people-hit-by-chronic-illness.aspx>

⁹ ‘Despite low Healthy Living Index score, Singaporeans’ desire remains strong for a better quality of life for themselves and their families’ (October 25, 2011) AIA Singapore. Available at: http://www.aia.com.sg/en/resources/cf07bb004afd24878492d4fe179089c3/AIA_healthy_living_index_survey_findings_sg.pdf

¹⁰ ‘Healthcare bills here seen rising 11% a year’ (February 8, 2013) The Business Times; Lynn Kan.

¹¹ A Healthier America 2013: Strategies to Move from Sick Care to Health Care in Four Years (2013) Trust for America’s Health. Available at: <http://healthyamericans.org/assets/files/TFAH2013HealthierAmericaFnlRv.pdf>

¹² 3FOUR50.com (2013) The Oxford Health Alliance. Available at: <http://archive.oxha.org/initiatives/3FOUR50.comhttp://www.sdcounty.ca.gov/hhsa/programs/phs/documents/CHS-3-4-50SanDiegoCounty2010.pdf>

¹³ Selected Preventative Screening Recommendations (2010) Centre for Disease Control and Prevention 2010. Available at: http://www.cdc.gov/nccdphp/dnpao/hwi/resources/preventative_screening.htm

¹⁴ Preventive Health Screening – Singapore Health Facts (June 10, 2013) Ministry of Health. Available at: http://www.moh.gov.sg/content/moh_web/home/statistics/Health_Facts_Singapore/Preventive_Health_Screening.html

¹⁵ National Health Survey 2010 (2010) Ministry of Health. Available at: http://www.moh.gov.sg/content/dam/moh_web/Publications/Reports/2011/NHS2010%20-%20low%20res.pdf

¹⁶ ‘Obesity in Singapore, Prevention and Control’ (2012) The Singapore Family Physician Volume 38. No. 1 Jan-Mar 2012:13. Available at: [http://www.cfps.org.sg/sfp/38/381/SFP%20Vol38\(1\).Unit1.pdf](http://www.cfps.org.sg/sfp/38/381/SFP%20Vol38(1).Unit1.pdf)

¹⁷ ‘Effect of physical inactivity on major non-communicable diseases worldwide: an analysis of burden of disease and life expectancy’ (July 12, 2012) The Lancet. Volume 380, Issue 9838, Pages 219 – 229, 21. Available at: [http://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(12\)61031-9/abstract](http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(12)61031-9/abstract)

¹⁸ ‘Despite low Healthy Living Index score, Singaporeans’ desire remains strong for a better quality of life for themselves and their families’ (October 25, 2011) AIA Singapore. Available at: http://www.aia.com.sg/en/resources/cf07bb004afd24878492d4fe179089c3/AIA_healthy_living_index_survey_findings_sg.pdf

¹⁹ AIA Vitality Age Survey 2012

²⁰ Get Up and Go! – Tips to Get Started on Your Exercise Journey (May 9, 2012) Health Promotion Board. Available at: http://www.hpb.gov.sg/HOPPortal/persona_article/Educator____4002

²¹ ‘Life’s Better and Brighter when we get Healthy Together!’ (November 7, 2010) Press release by the Health Promotion Board. Available at: http://www.hpb.gov.sg/HOPPortal/?_afrRedirect=34411947740662754

²² ‘Despite low Healthy Living Index score, Singaporeans’ desire remains strong for a better quality of life for themselves and their families’ (October 25, 2011) AIA Singapore. Available at: http://www.aia.com.sg/en/resources/cf07bb004afd24878492d4fe179089c3/AIA_healthy_living_index_survey_findings_sg.pdf

²³ Diet, nutrition and the prevention of chronic diseases (2002) World Health Organization. WHO Technical Report Series, No.797 – TRS 797. Available at: <http://www.who.int/dietphysicalactivity/publications/trs916/intro/en/>

²⁴ AIA Vitality Age Survey 2012

²⁵ Harness the Goodness of Fruit and Vegetables (April 12, 2012) Health Promotion Board. Available at: http://www.hpb.gov.sg/HOPPortal/persona_article/Health%20Ambassador____2648

²⁶ ‘Weight Loss: Nutrition Facts and Myths (2013)’ HealthXchange. Available here: <http://www.healthxchange.com.sg/healthyliving/DietandNutrition/Pages/Weight-Loss-Nutrition-Facts-and-Myths.aspx>

²⁷ ‘Singaporeans overeating despite healthier diet’ (February 10, 2013) The Straits Times; Poon Chian Hui. Available at: <http://www.healthxchange.com.sg/News/Pages/singaporeans-overeating-healthier-diet.aspx>

²⁸ ‘Singaporeans overeating despite healthier diet’ (February 10, 2013) The Straits Times; Poon Chian Hui. Available at: <http://www.healthxchange.com.sg/News/Pages/singaporeans-overeating-healthier-diet.aspx>

²⁹ ‘Combating diabetes and obesity for Asians, in Asia’ (2010) National University of Singapore. Available at http://www.med.nus.edu.sg/medi/_NurturingMinds/combating_diabetes.pdf

³⁰ ‘Singapore cracks down on obesity’ (October 29, 2012) Financial Times; Jeremy Grant. Available at: <http://www.ft.com/cms/s/0/64391ed6-20d2-11e2-9720-00144feabdc0.html#axzz2TuEiPUwz>

³¹ ‘Health alert: One in 3 will develop diabetes’ (February 24, 2012) The Straits Times; Salma Khalik. Available at: <http://newshub.nus.edu.sg/news/1202/PDF/HEALTH-st-24feb-pB1.pdf>

³² National Health Survey 2010 (2010) Ministry of Health. Available at: http://www.moh.gov.sg/content/dam/moh_web/Publications/Reports/2011/NHS2010%20-%20low%20res.pdf

³³ ‘More people hit by chronic illnesses’ (September 21, 2011) The Straits Times, Salma Khalik. Available at: <http://www.healthxchange.com.sg/News/Pages/More-young-people-hit-by-chronic-illness.aspx>

³⁴ Health alert: One in 3 will develop diabetes’ (February 24, 2012) The Straits Times; Salma Khalik. Available at: <http://newshub.nus.edu.sg/news/1202/PDF/HEALTH-st-24feb-pB1.pdf>

³⁵ Preventing Chronic Diseases a vital investment (2005) World Health Organization and Public Health Agency of Canada. Available at: http://www.who.int/chp/chronic_disease_report/full_report.pdf

³⁶ World Health Report calls for return to primary health care approach (October 14, 2008) World Health Organization. Available at: <http://www.who.int/mediacentre/news/releases/2008/pr38/en/index.html>

³⁷ Get Up and Go! – Tips to Get Started on Your Exercise Journey (May 9, 2012) Health Promotion Board. Available at: http://www.hpb.gov.sg/HOPPortal/persona_article/Educator____4002

³⁸ Smoking Control Programmes for Adults (April 3, 2012) Health Promotion Board. Available at: <http://www.hpb.gov.sg/HOPPortal/programmes-article/2490>

³⁹ Food-based Dietary Guidelines for Adults (July 28, 2012) Health Promotion Board. Available at: <http://www.hpb.gov.sg/HOPPortal/article?id=2758>

⁴⁰ Health Screening is important to you (August 30, 2012) Health Promotion Board. Available at: <http://www.hpb.gov.sg/HOPPortal/health-article/9490>

⁴¹ Discovery Vitality Journal – Reducing the cost of healthcare through lifestyle intervention (2008) Discovery Vitality.

