

2023 INTERNATIONAL CONGRESS OF ACTUARIES



BRIDGE TO TOMORROW

28 MAY – 1 JUNE 2023 • SYDNEY



**Actuaries
Institute**
Australia



International Actuarial Association
Association Actuarielle Internationale



Cyber risk and the role of insurance

Where are we at?

Win-Li Toh

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*This presentation has been prepared for the 2023 International Congress of Actuaries.
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What I'll cover

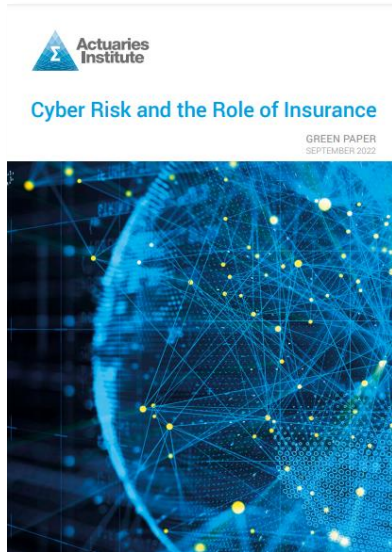
- Overview of the Cyber Green Paper
- What's happened since



ABOUT THE CYBER GREEN PAPER



Cyber Green Paper



- Released September 2022
- Written by actuaries Win-Li Toh, Ross Simmonds and technology expert Michael Neary



WHAT'S HAPPENED SINCE



Optus data breach class action launched for millions of Australians caught up in cyber attack

By Ben Knight and staff

Posted Fri 21 Apr 2023 at 6:03am, updated Fri 21 Apr 2023 at 2:20pm

Up to 8 million Latitude Financial customers in Australia and New Zealand believed to have data stolen in cyber attack

By business reporters Kate Ainsworth and Emilia Terzon

Posted Mon 27 Mar 2023 at 11:09am, updated Mon 27 Mar 2023 at 5:04pm

Australia blames cyber criminals in Russia for Medibank data breach



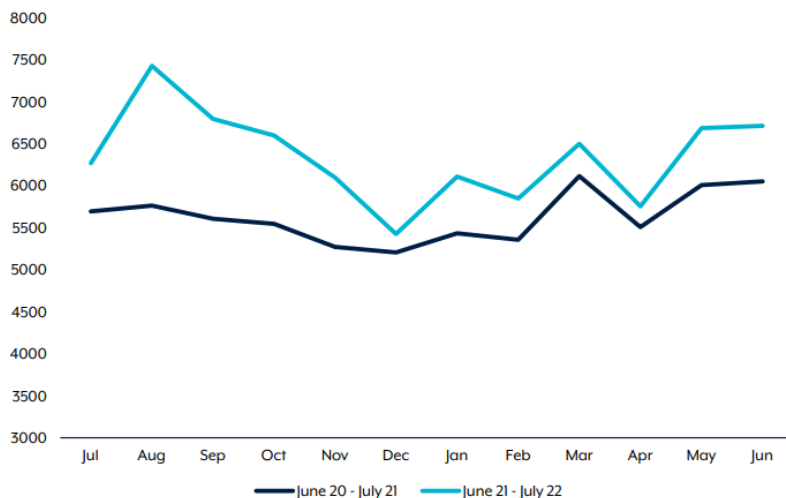
By Hilary Whiteman, CNN

Updated 2:31 AM EST, Fri November 11, 2022





Reports to the Australian Government's 'ReportCyber'

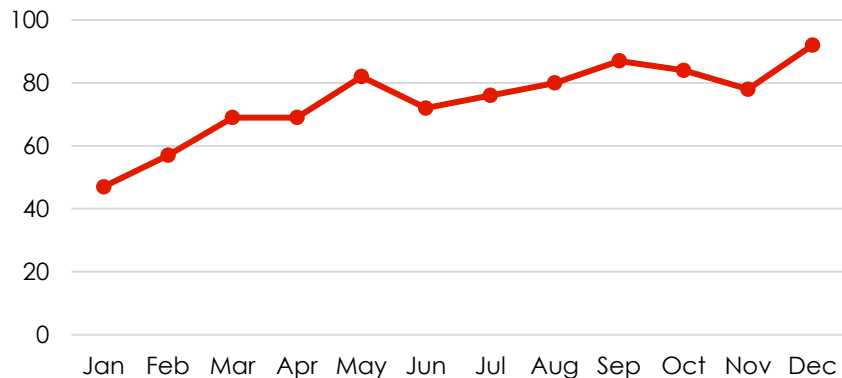


- An increase of almost 13% in reported cybercrimes from FY20/21 to FY21/22



Notifiable Data Breach reports

Number of Notifiable Data Breaches
in 2022, by month



- Top 5 sectors to notify data breaches: Health service providers; Finance; Insurance; Legal, accounting and management services; Recruitment agencies

Source: Office of the Australian Information Commissioner (2023) https://www.oaic.gov.au/_data/assets/pdf_file/0026/39068/OAIC-Notifiable-data-breaches-report-July-December-2022.pdf

Office of the Australian Information Commissioner (2022) <https://www.oaic.gov.au/privacy/notifiable-data-breaches/notifiable-data-breaches-publications/notifiable-data-breaches-report-january-to-june-2022>

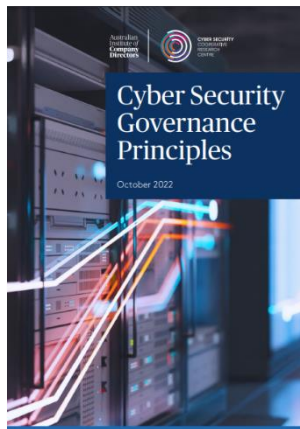


1. Wake up call for Australia

Spending on
the rise



Board members
concerned



Class actions
launched

1 minute read · May 5, 2023 9:02 AM GMT+10 · Last Updated 4 days ago

Australia's Medibank served with third class-action suit over cyber breach

Reuters





2. Insurance update

Companies questioning value

Accumulation risk still an issue

Technology Cybersecurity

Cyber insurance's 'dirty little secret': It's useless



John Davidson
Columnist

May 9, 2022 – 2:00pm

Cyber insurance against ransomware and other online attacks has been rendered almost useless because too many companies make “dumb” claims, and businesses should move to making claims only as a very last resort, a peak body representing Australia’s top information security officers has warned.

Excessive claims against cyber insurance policies have forced insurance companies to ask too many “invasive and intrusive” questions of prospective policyholders in an effort to keep their exposure to a minimum, said James Turner, managing director of CISO Lens, a forum for Chief Information Security Officers in Australia’s biggest companies.

Save Share

Lloyd's refuses to cover nation-state attacks: What it means to enterprises





3. Policy and regulatory scrutiny



 **APRA**



ASIC



Australian Government

**Office of the Australian
Information Commissioner**

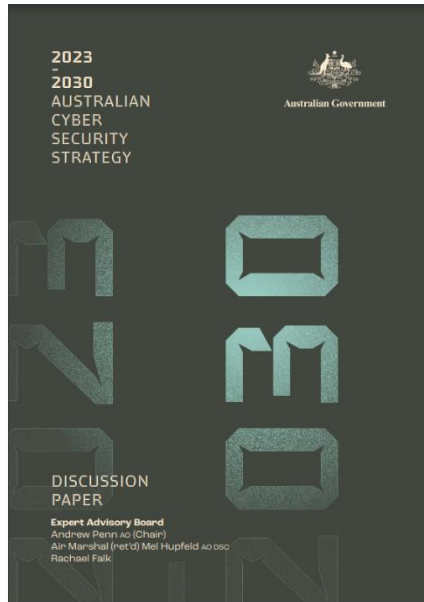


Australian Government

Department of Home Affairs



3. Policy and regulatory scrutiny



Draft 2023 – 2030 Australian Cyber Security Strategy

- Released by the Department of Home Affairs
- Submissions closed on 15 April 2023



SUMMARY