

Role of Indonesia's National Health Insurance (JKN) in the COVID-19 response

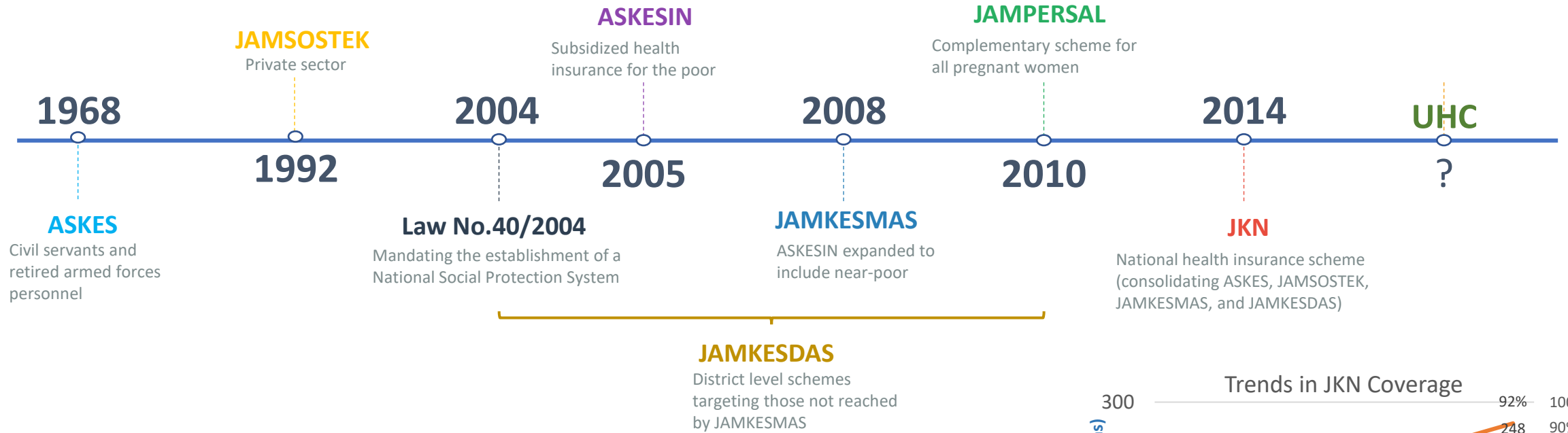
Asia-Pacific Pandemic Preparedness and Response Regional Forum

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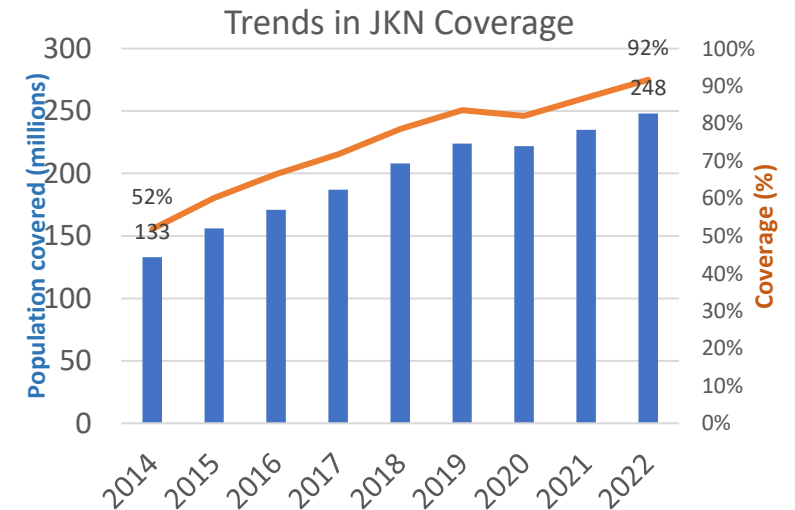
Zelalem Yilma Debebe (Senior Economist, World Bank)

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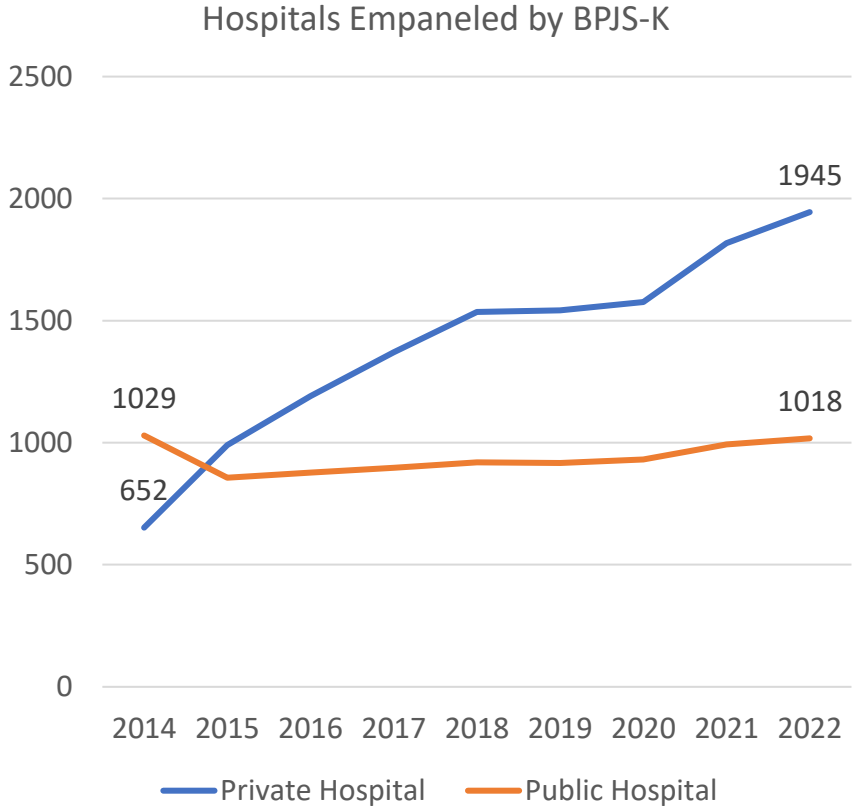
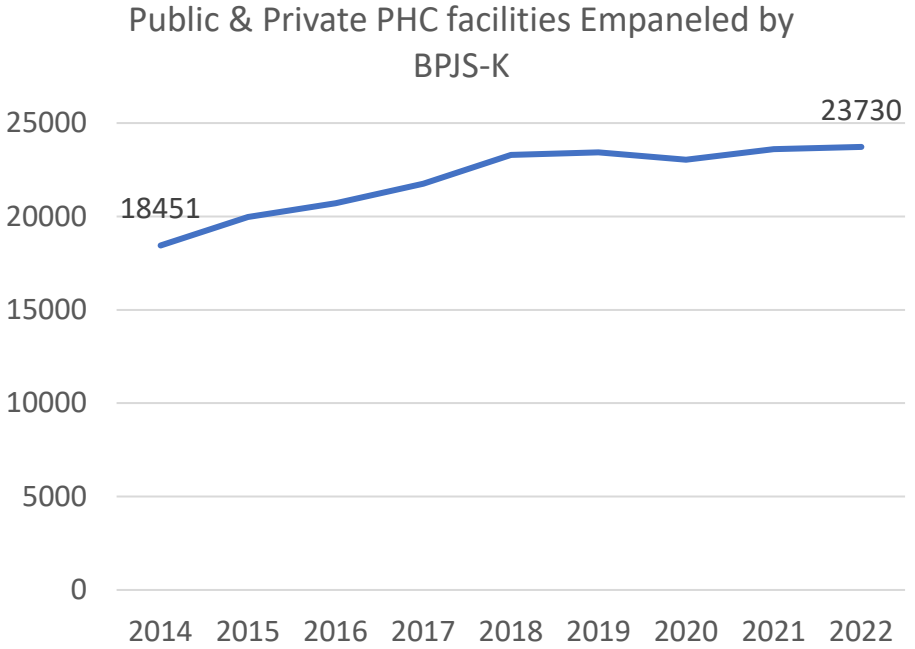
Indonesia's National Health Insurance scheme (JKN) is one of the largest single payer schemes globally..



- In 2014, over 300 risk pools were consolidated into a single national scheme
- Same benefit package, payment method and reimbursement rates



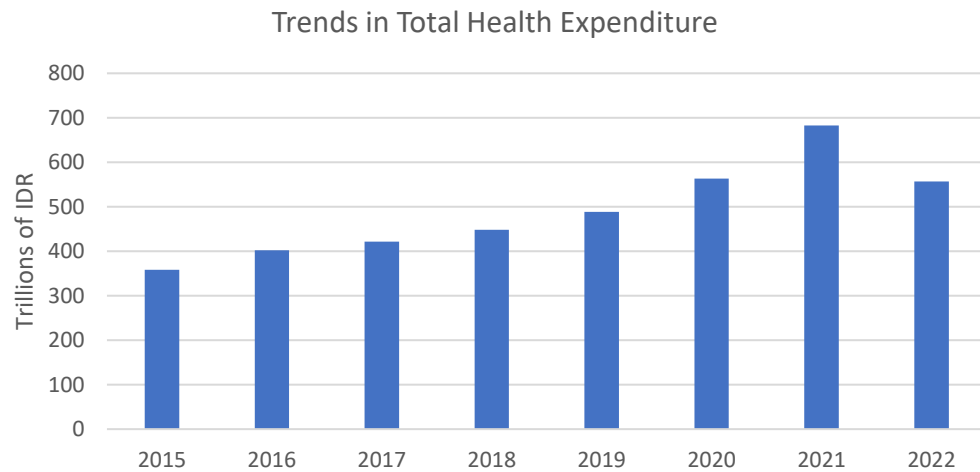
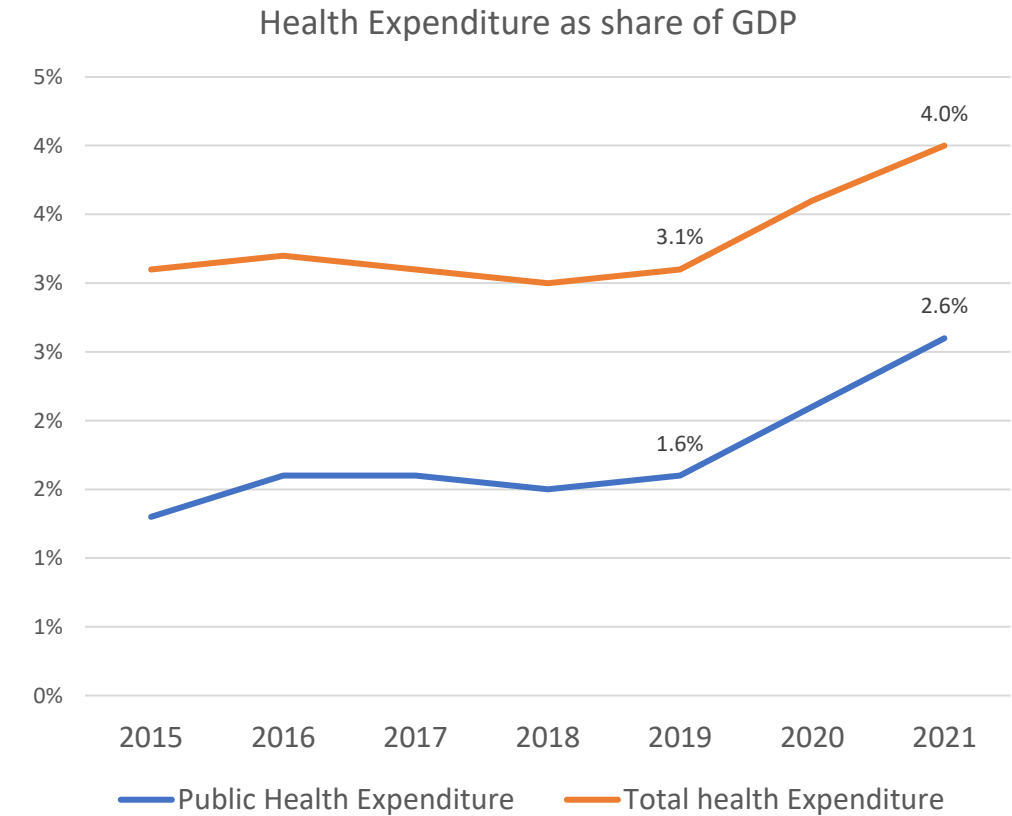
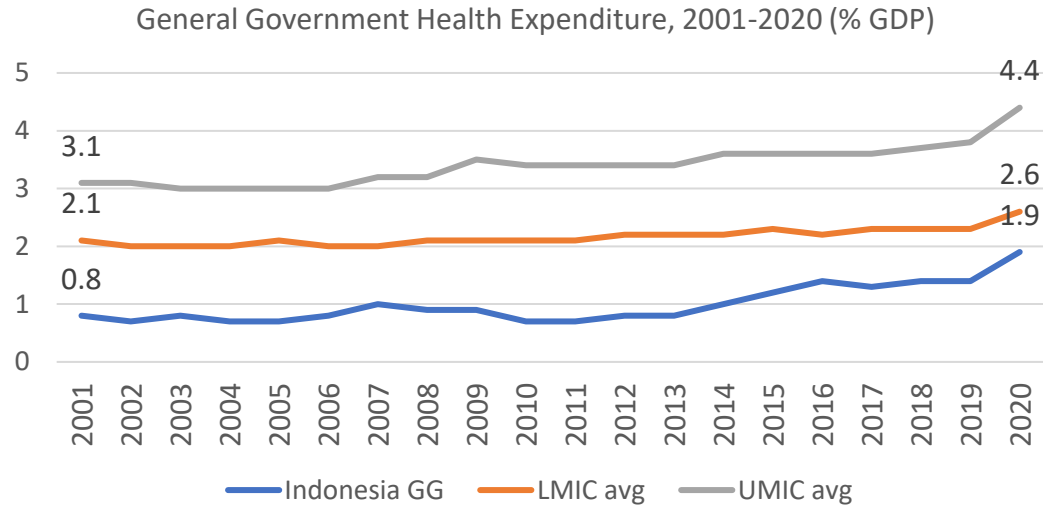
JKN provides services through an expanded list of contracted healthcare facilities across the country... which was leveraged for the COVID-19 response



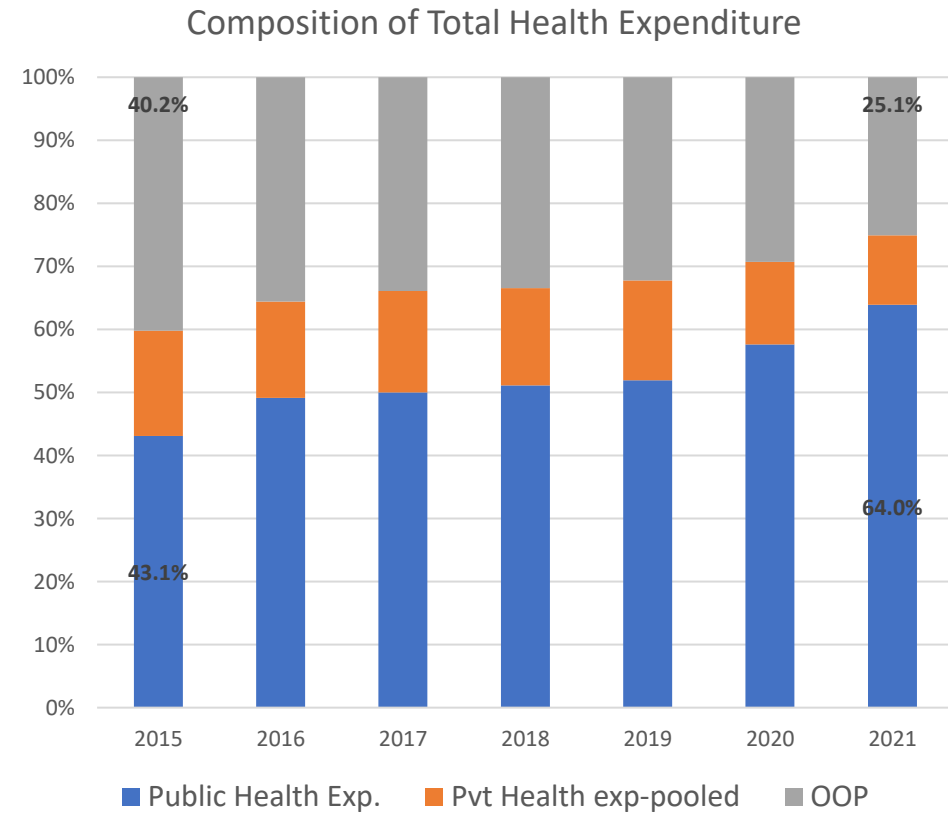
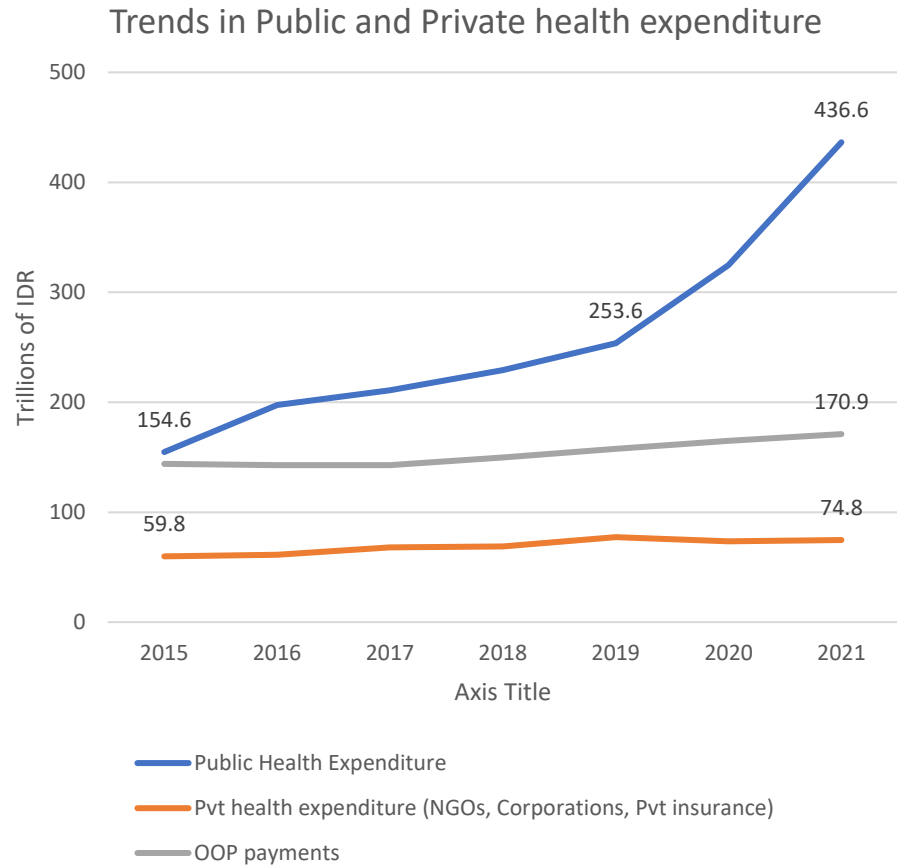
Source: BPJS-K, Laporan Pengelolaan Program dan Keuangan 2014-2022 (auditan)
Note: PHC consists of Puskesmas, General Practitioners, and Dentists

- In 2021, 51% of PHC facilities empaneled are private
- 32.5% increase in the number of facilities empaneled since its inception in 2014.

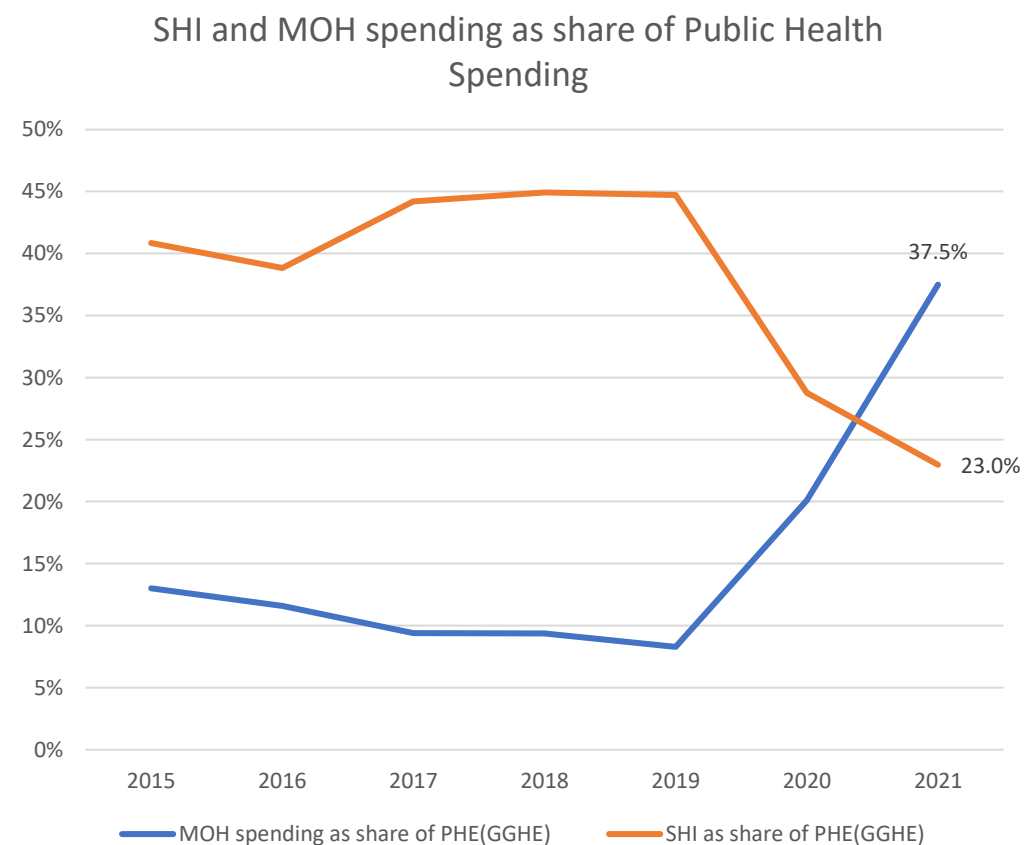
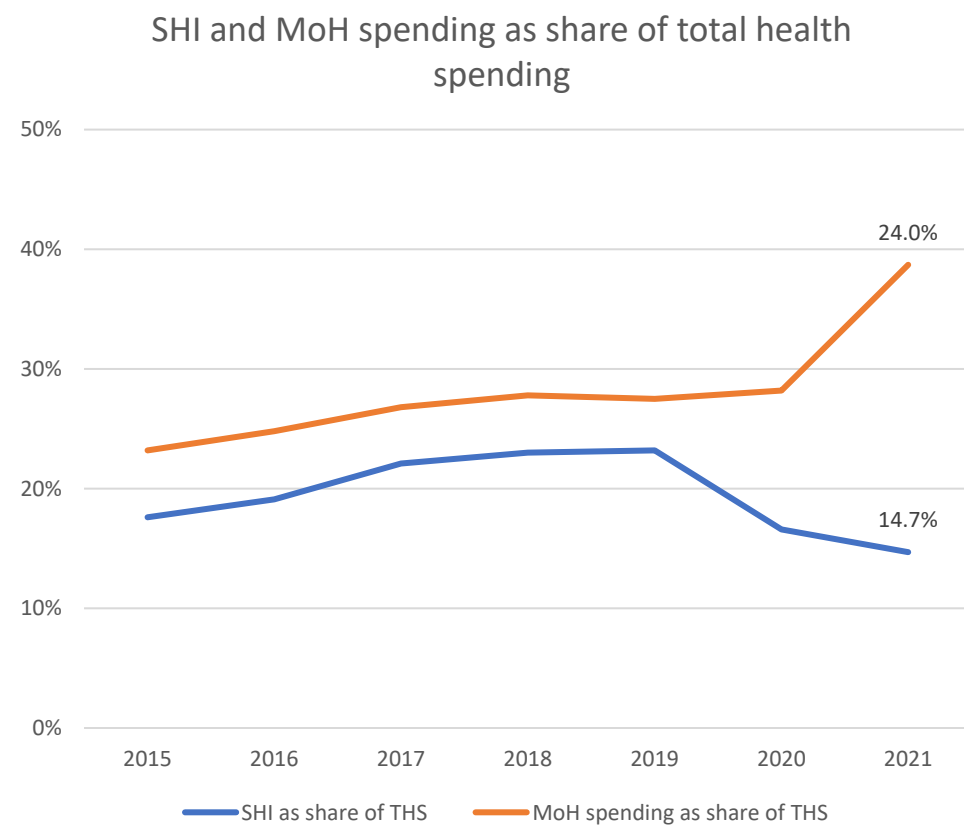
The COVID-19 response led to a massive jump in total health expenditure...



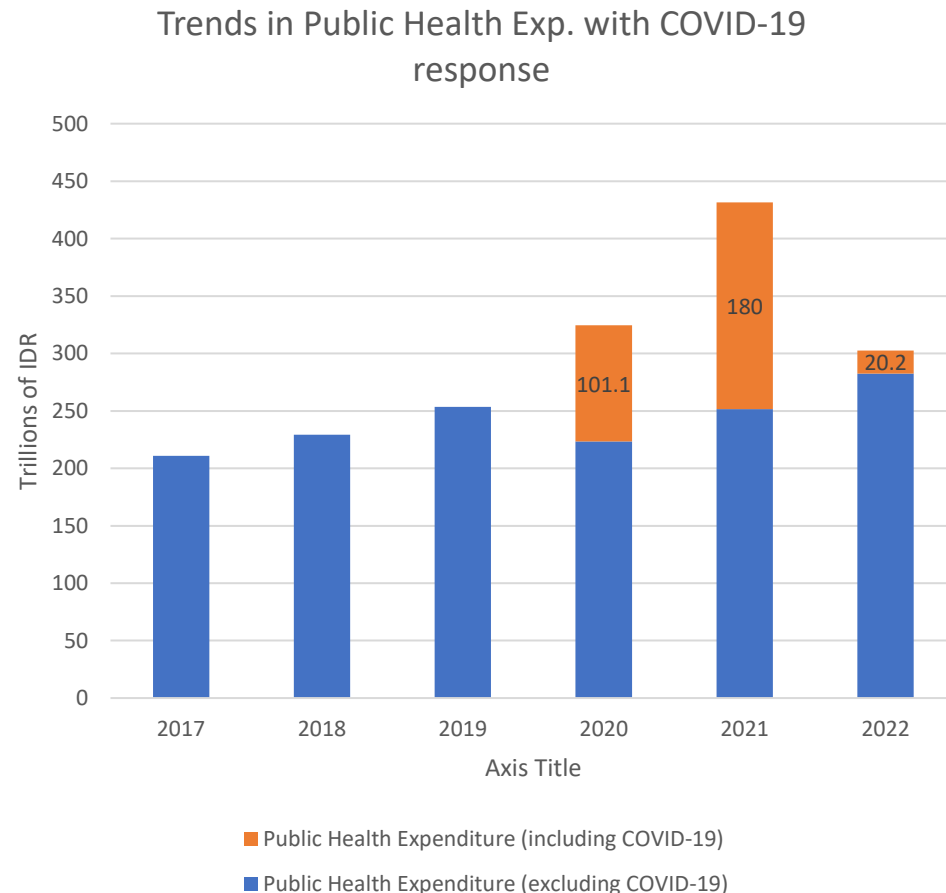
This trend is driven mainly by increased public health spending which is channeled through the JKN infrastructure



The COVID-19 response is mainly financed through increased MOH budget, reducing the share of JKN in public health spending...

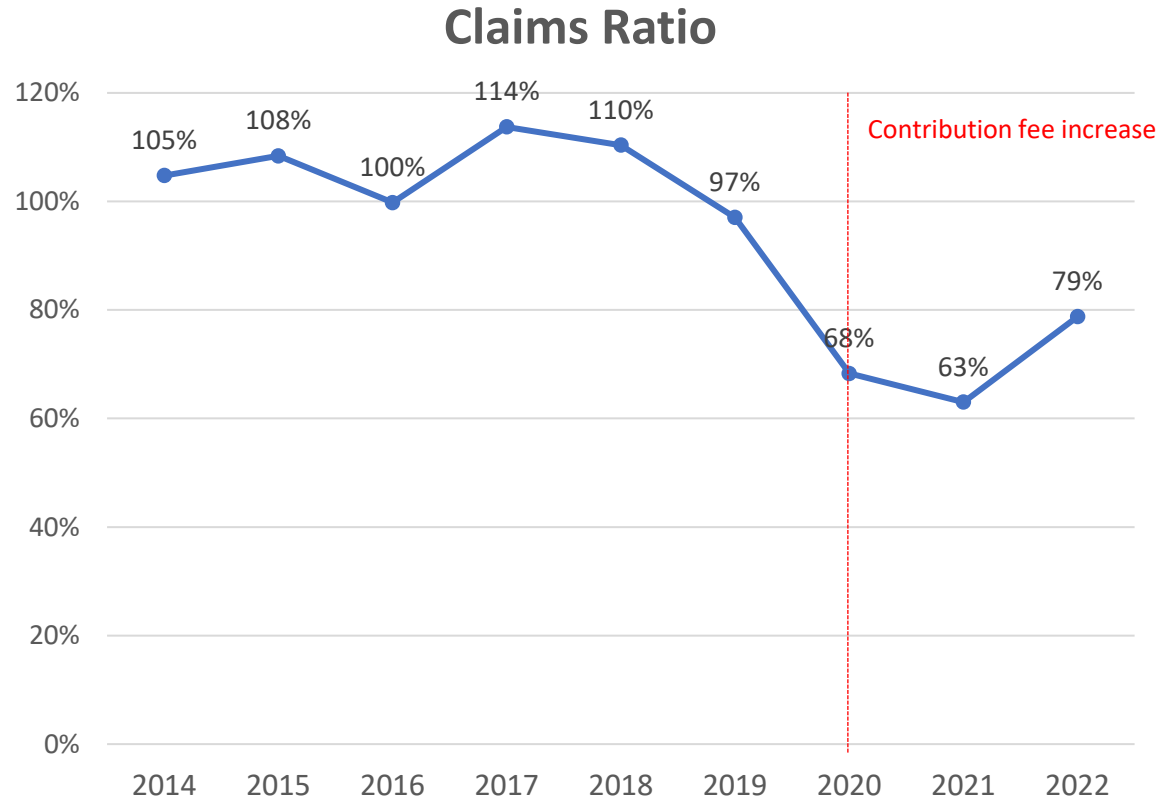


Public health spending on COVID-19 response was as high as 45% and 72% of non-COVID public health spending in 2020 and 2021, respectively



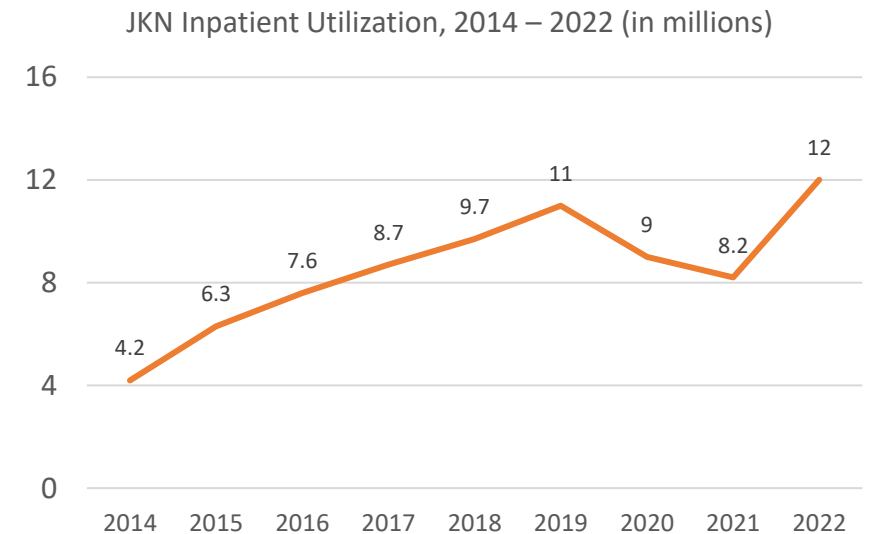
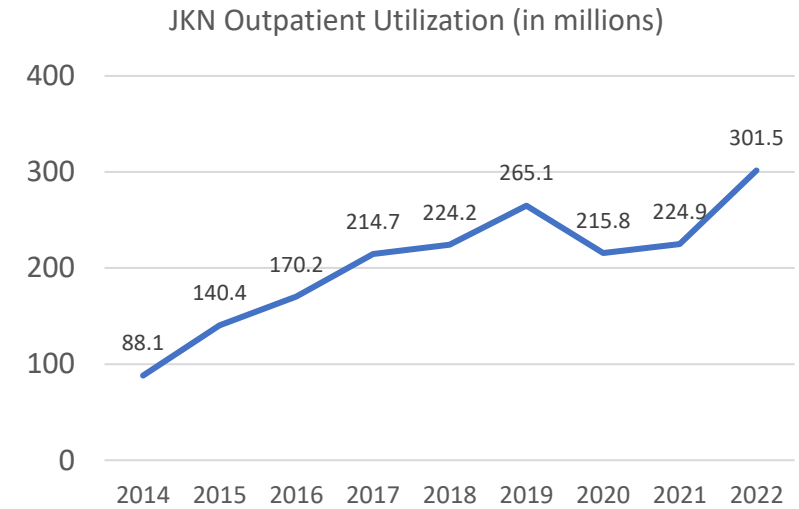
- MoH health expenditure in 2021 is mostly for **hospitalization** (54.5%, IDR 89.3 trillion),
 - Of which claims for reimbursement of COVID-19 patient care was IDR 87.3 trillion
- This is followed by **spending on immunization and vaccines** (28.4%; 46.6 trillion)
 - Of which vaccines for COVID-19 constituted IDR 45.6 trillion)
- COVID-19 vaccine is the largest pharmaceutical spending in Indonesia in 2021 (IDR 45.6 trillion)
- 30% (27%) of total spending in hospitals (FKTPs) is for pharmaceuticals

Regular deficits pre-pandemic meant that it wouldn't have been possible to absorb the entire COVID-response through JKN



Source: BPJSK, Laporan Pengelolaan Program dan Keuangan 2014-2022 (auditan)

- On the other hand, claims ratio decreases during the pandemic, influenced by 2 factors: Covid-19 related claims were covered by MOH, and the decreasing JKN utilization.



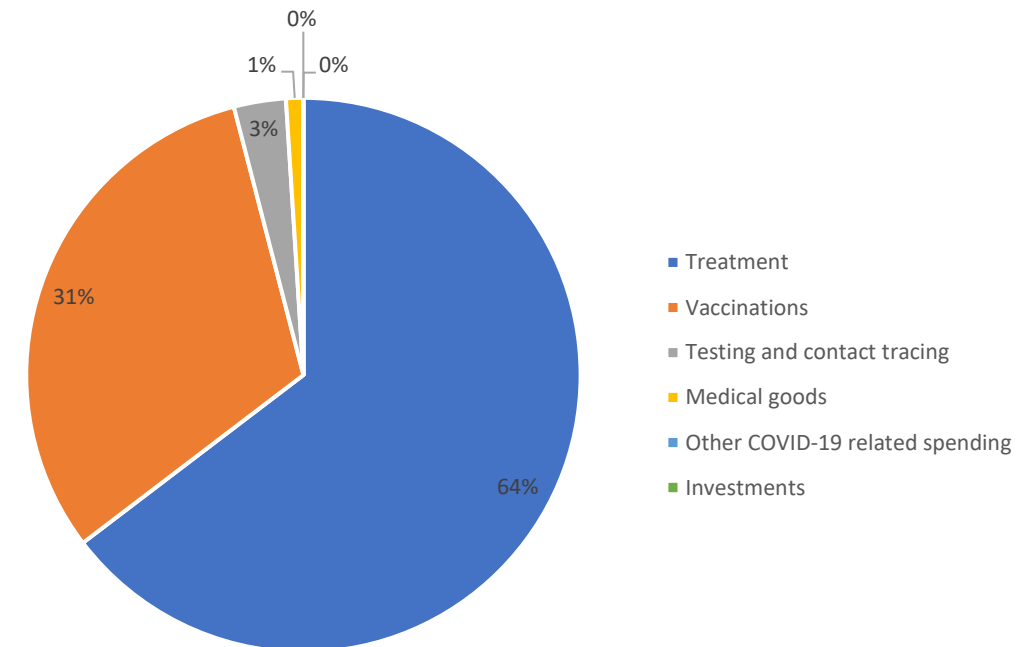
The JKN infrastructure (existing contracts with most health facilities-public and private- and information systems to handle claims processing) was critical to the COVID response...

Hospital Payment

Hospital files claims → BPJSK verifies → Ministry of Health disburse directly to hospitals' bank account

- E-claim is a digital system developed by MOH that allows hospitals to submit patients' data, coding and grouping diagnosis to be submitted to BPJS-K. Once all necessary information are filled, the system provides a downloadable file to be submitted to V-klaim.
- V-klaim is a web-based system developed by BPJSK to file claims. The system allows hospitals to digitally fill in file claim forms and submit the downloaded file from e-claim.
- These claims management systems made claims processing more efficient.

Composition of MOH spending on COVID-19 (2021)



In 2021, other Ministries/agencies also spent IDR 23.1 trillion on COVID-19 response (76.7% of their health spending), (o/w IDR 17.2 trillion was spent on surveillance)

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Vaccination

Frontline health workers/cadres, and also District Health Office can input vaccination data to Pcare → Synchronized with Pedulilindungi app to track the spread of Covid-19.

- Pcare is an online application developed by BPJSK to manage capitation payment and handle claims from PHC facilities
 - This was vital in assisting health workers with registration and verification of vaccination participant data, screening health status, and record and report results of vaccination.
- Pedulilindungi is a mobile application developed by several ministries and institutions to track the spread of Covid-19, allows citizens to register for vaccination.



Thank You!