

## Good MornING Asia - 16 April 2021

Treasury International Capital (TIC) flow data for February showed Asia was a big seller as Treasury yields rose...wouldn't surprise to learn that a reversal of this position is behind recent swings (amongst other things, including re-pricing of Fed)

### In this bundle

10Y yield

China | Japan...

#### Asia sold US Treasuries hard in Feb

Treasury International Capital (TIC) flow data for February showed Asia was a big seller as Treasury yields rose...wouldn't surprise to learn that a...

By Robert Carnell



Asia Morning Bites

#### ASEAN Morning Bytes

Asian markets to track gains overnight but take further direction from China data



#### Asia and the great reflation trade in charts

How Asia compares to the rest of the world in its battle against Covid-19 and its race to recovery

By Robert Carnell



#### Indonesia: Trade numbers ahead of expectations as economy shows signs of recovery

Indonesia's latest trade report exceeded expectations, aided by higher commodity prices and improving economic conditions



**Philippines: Remittances surprise on the upside,  
provide additional support for PHP**

Overseas Filipino (OF) remittances rise 5.1% as support for the domestic economy wanes

---

## Asia sold US Treasuries hard in Feb

Treasury International Capital (TIC) flow data for February showed Asia was a big seller as Treasury yields rose...wouldn't surprise to learn that a reversal of this position is behind recent swings (amongst other things, including re-pricing of Fed).



### TIC data for Feb showed Asia big sellers

I can't remember the last time I referenced US TIC data in any sort of note. Maybe this is a first. It's pretty lagging data. The latest release covers flows through February - so you have to read a lot between the lines and make some fairly heroic assumptions to gain anything from it at all. But if you can be bothered to have a look, then what you see is that during February, a period of rapid yield increase in US treasuries, Asia was a big seller of US government securities. China sold about \$15bn of them, and Japan about another \$6bn. There was modest uptake by Hong Kong, Taiwan, Korea and Singapore, but that doesn't change the net story from Asia.

Evidence of a big swing in February isn't a lot to go on, but it does set the scene for a potentially large reversal in April, assuming that not a lot happened in March when Treasury yields began to steady. A number of reports I have read this morning are attributing Japanese selling to the end of their financial year at the end of March. If so, then any resumption of rapid buying is probably not going to persist for too long. Think of this as a correction.

The other floating idea is that Jerome Powell is now getting through to investors about the Fed's rate hike intentions or lack thereof. And there is also some support for this. The implied yield on the Dec 22 Fed funds contract peaked on April 2 at 0.315%, indicating a full 25bp priced in and then some. This has pulled right back to about 0.23% now, though it looks as if it is no longer moving as much on a daily basis, so this might too be viewed more like a correction than the start of a new trend.

Whatever the story, the price action remains extremely odd given the macro backdrop, which once again was extremely positive, with consensus underestimating the [Retail sales data \(9.8%MoM\)](#).

Empire Manufacturing, Initial claims (fell sharply) and Philly Fed. The only sour note in the data yesterday was a [slightly disappointing bounce in March industrial production of only 1.4% after the soft February figure \(-2.6%\)](#). James Knightly in NY puts this down to chip shortages (see links).

## China data dump - strap yourselves in!

Iris Pang writes on today's data dump in China which is due at 10 am Singapore time. "China 1Q21 GDP data will be released today. Our estimate is 12%YoY, which is the lowest estimate among economists. The highest estimate is 22%. The large size of the figures is due to the negative base effects stemming from last year's first quarter (-6.8%YoY in 1Q20). A slight difference in the GDP level estimates will result in a very different %YoY, so do not be overwhelmed by the high growth data release. We expect fixed-asset investment will be dominated by technology investments rather than transportation infrastructure, but that could change over the rest of the year as transportation infrastructure is still important for China. Industrial production should be strong due to base effects as well as increases in production resulting from the chip shortage. But looking ahead, we see slower production if chip shortages continue. Retail sales will recover well because international travel was still restricted and consumers were forced to spend within China".

Singapore March Non-oil domestic Exports (NODX) will be being released as we put this note out.

### Author

#### Robert Carnell

Regional Head of Research, Asia-Pacific

[robert.carnell@asia.ing.com](mailto:robert.carnell@asia.ing.com)

# ASEAN Morning Bytes

Asian markets to track gains overnight but take further direction from China data



## EM Space: Strong US data to bolster sentiment on Friday

- **General Asia:** Asian markets will likely track gains overnight with optimism driven by positive US data highlighted by retail sales. Investors now turn their focus to a string of China data reports out today (GDP, retail sales and industrial production) while looking out for US consumer sentiment numbers as well. Market players will also be monitoring the fallout from sanctions imposed by the US on Russia, the meeting between Biden and Japan's Suga over the weekend while monitoring developments on the Covid-19 front for more direction.
- **Singapore:** In yet another big upside surprise to market expectations, the March non-oil domestic exports surged by 12.1% YoY and 1.2% MoM SA. The acceleration of year-on-year growth from 4.2% in February underscores a steady export-driven recovery in the Singaporean economy. Electronics remained the key NODX driver with a 24.4%YoY bounce, up from 7.4% in February, as ongoing global chip shortages have been buoying semiconductor exports (up 19% YoY). Pharmaceuticals also helped with more than a 25% YoY surge in shipments. The NODX data heralds strong manufacturing growth in March, lifting 1Q21 GDP growth further up from the +0.2% YoY advance estimate released earlier this week. We believe the MAS will see through the recent export strength and maintain its neutral policy stance again in the next semi-annual policy review scheduled in October 2021.

- **Philippines:** President Duterte lifted the 9-year ban on new mining that would allow new entrants into the sector as well as permit existing mining deals to enter renegotiations. After the implementation of an executive order, the Department of environment and natural resources will need to formulate the implementation of rules and regulations for these new mining arrangements. Although mining activities account for less than 1% of GDP, authorities hope to attract up to \$12 bn in fresh investments over a period of roughly 5 years.

## What to look out for: China GDP and Covid-19 developments

- China GDP, retail sales, industrial production (16 April)
- US housing starts and University of Michigan sentiment (16 April)

### Author

#### Nicholas Mapa

Senior Economist, Philippines

[nicholas.antonio.mapa@asia.ing.com](mailto:nicholas.antonio.mapa@asia.ing.com)

---

Article | 15 April 2021

# Asia and the great reflation trade in charts

How Asia compares to the rest of the world in its battle against Covid-19 and its race to recovery

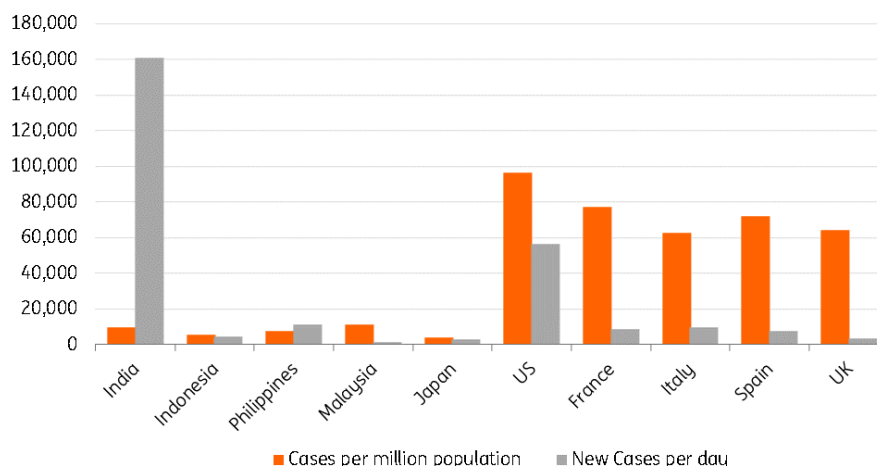


## Pandemic in Asia vs Rest of the World

When it comes to the Covid-19 pandemic, Asia is not doing quite as well as it was, with India seeing a new surge in cases, and Indonesia and the Philippines both struggling to keep case numbers low. But on the whole, the Asia-Pacific region has managed far better than its Western peers, with far fewer cases in total, and many fewer casualties.

However, the hurdle for restrictive measures on movement in Asia is a LOT lower than it is in Europe or the US. And as a result, the impact in terms of the GDP outcome in Asia has not been much better.

## How Asia's worst affected by Covid-19 compare internationally



Source: CEIC, WHO as at 12/04/21

## We may never know why Asia dodged a bullet

We may never have a complete picture of why the Asia experience (with some glaring exceptions) has been better than that in the West. The graphic below is not intended to be definitive. Scientists do think that for example, mask-wearing, as well as reducing the likelihood of infection, [can reduce the severity of cases](#). But [there is still disagreement over the mechanism](#). The only point we wish to make here is to note that Asia has largely seen far fewer cases of Covid-19 as a proportion of the population. The suggestions below may or may not have contributed to that outcome.

## Why has Asia seen fewer cases of Covid? Here are 7 suggestions

- 

**1 Variant type**  
Asia has mainly faced the original variant of Covid-19. Although nasty, it is less infectious/deadly than subsequent variants that have ravaged Europe and elsewhere. Asia is only beginning to see these other variants, catching most of them in quarantine.
- 

**2 Political tolerance for covid-19**  
Asia has a much lower political tolerance for Covid than Europe or the US, demonstrated by lockdowns and restrictions at much lower levels of the infection in their countries. They have maintained these restrictions even as cases have fallen.
- 

**3 Rapid closure of international borders**  
Much of the early European spread came from returning ski-holidaymakers, and then subsequent European summer travel. Asia quickly introduced international travel bans and quarantine and they mostly remain in place.
- 

**4 Climate**  
Although unlike influenza, hot weather and sunlight do not kill Covid-19, this virus does seem to persist better on surfaces in cold, damp, murky climates. This may have provided some protection especially for hot sunny SE Asia.
- 

**5 Mask wearing**  
Mask wearing was normal practice in Asia prior to the pandemic, so no backlash when introduced and not limited to indoors or public transport etc. Not considered an affront to human rights, but a sensible precaution to protect yourself and others.
- 

**6 Cultural differences**  
There may be little truth behind stories of Europeans in certain countries removing masks to "Mwah" each other in greeting. But maybe there is something to this. Bowing in Japan, Korea etc avoids the same contact as even a handshake or fist-bump.
- 

**7 Test Trace isolate**  
Some countries avoided lengthy national lockdowns by rapidly wheeling out efficient test, trace isolation measures. Korea was especially good at this (also Taiwan), building on experience with MERS, requiring minor adjustment to fit for Covid-19.

Source: ING Research

## Following the Covid crash, now the bounce

Despite limited cases in most Asia Pacific countries, strict social distancing measures and border closures dealt considerable damage to Asian economic activity in 2020. To a large extent,

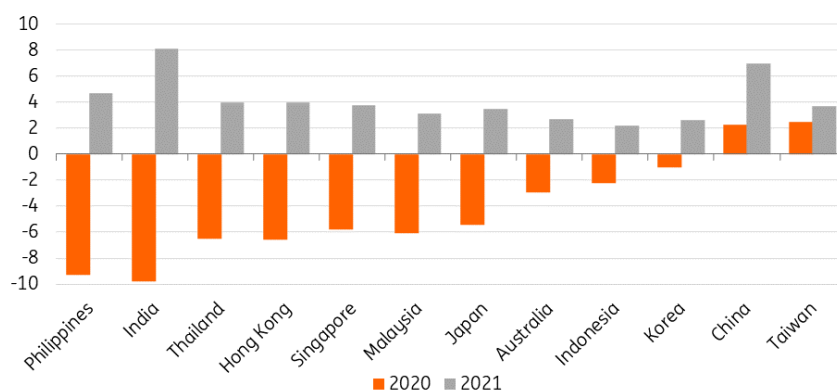


economic growth in 2021 in Asia is an inverse function of growth in 2020.

So for example, the Philippines contracted the most of any economy in Asia in 2020, more than 9.5%. But it will show the second-highest growth rate in the region in 2021, according to our own in house forecasts. This is mainly a mark of how bad the economy was in 2020, not how good it will be in 2021. And GDP will still be lower than it was pre-Covid.

That economic activity in 2021 will still lag pre-Covid levels will be true for most Asia-Pacific economies, with the exception of Australia, New Zealand, Korea, Taiwan and of course, China.

## 2020 GDP and 2021 ING Forecasts

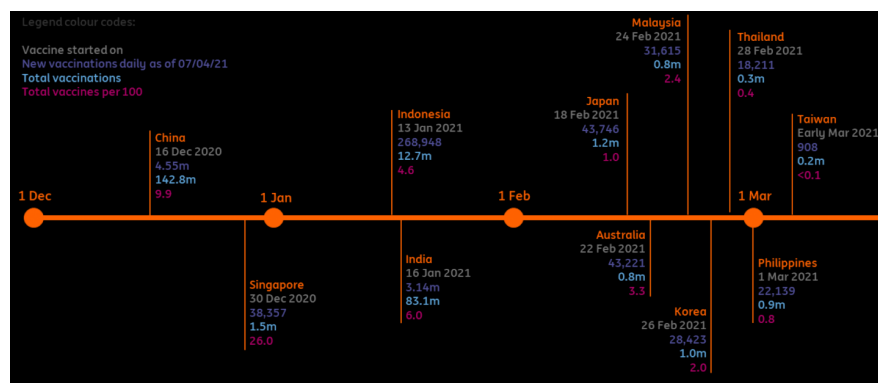


Source: ING Research

## Vaccine rollout is slow

One reason why 2021 growth will not be even higher is that vaccine rollout in the region is proving quite slow. Many countries in Asia only got their first physical vaccines in March. Authorities have not always been quick to authorise vaccines for use. Local aversion to vaccinations is often high, mixed with a sense that with low case numbers, vaccination might not be so urgent. And a mixed history with previous vaccines has meant a slow rollout and slow uptake. As a result, social and movement restrictions have not been relaxed as much as they might otherwise have been. Border controls remain tightly controlled. All of this may have led to weaker growth, though the counterfactual is hard to pin down.

## Vaccine rollout in Asia has been super slow



Source: Local sources, ING

## Asia Vaccine Update

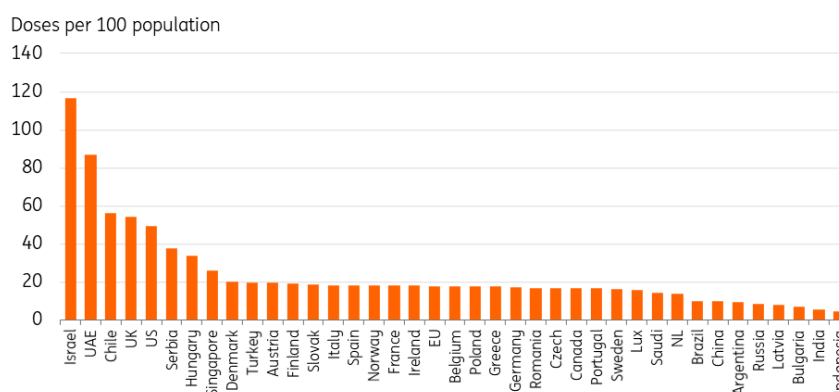
<b>China</b>	<ul style="list-style-type: none"> <li>➤ Beijing city set a target to <b>complete vaccinations for Beijing city residents by May 2021</b>.</li> <li>➤ We expect other major cities to follow suit to set a timelines target for vaccination completion.</li> </ul>
<b>Singapore</b>	<ul style="list-style-type: none"> <li>➤ The vaccination drive started with the front-line workers.</li> <li>➤ It has been extended to encompass 45Y and older population.</li> <li>➤ The planned <b>completion of vaccination drive by late 2021</b>.</li> </ul>
<b>Indonesia</b>	<ul style="list-style-type: none"> <li>➤ The authorities have decided to <b>vaccinate the population between 18-59 years first</b> as it needs to cover two-thirds of total population to reach the herd immunity.</li> </ul>
<b>India</b>	<ul style="list-style-type: none"> <li>➤ One of the biggest vaccination drives in the world started in mid-January.</li> <li>➤ The authorities' <b>aim is to inoculate 22% of total 1.4 billion population by July</b>.</li> </ul>
<b>Japan</b>	<ul style="list-style-type: none"> <li>➤ Japan has been <b>very slow to authorise vaccines</b> due to low public trust in vaccines, and is being very cautious with its rollout.</li> </ul>
<b>Australia</b>	<ul style="list-style-type: none"> <li>➤ The vaccination started with priority population and will be rolled out in stages depending on age and other risks to the rest of the population.</li> <li>➤ Following concern over the safety of the Astra Zeneca vaccine, the authorities are <b>no longer aiming to inoculate the whole population by October 2021</b>.</li> </ul>
<b>Malaysia</b>	<ul style="list-style-type: none"> <li>➤ Vaccination started on 24 February with PM Muhyiddin.</li> <li>➤ The government <b>aims to vaccinate at least 80% of the 32 million population by February 2022</b>.</li> </ul>
<b>Korea</b>	<ul style="list-style-type: none"> <li>➤ The vaccination programme has been delayed due to late arrival of vaccines from Covax, and concern over the Astra Zeneca vaccine.</li> </ul>
<b>Thailand</b>	<ul style="list-style-type: none"> <li>➤ Thailand started its vaccination on Sunday 28 February, with ministers, health officials and medical professionals.</li> <li>➤ The mass <b>vaccination campaign is expected to go in full swing by mid-2021</b> when the authorities plan to administer 10 million doses a month.</li> </ul>
<b>Philippines</b>	<ul style="list-style-type: none"> <li>➤ The first vaccines were given to Ministers on 1 March - Sinovac vaccines donated by China.</li> <li>➤ Legislators are still debating a bill that would grant vaccine producers protection from lawsuits.</li> <li>➤ The government <b>aims to vaccinate 70% of the 110 million population</b> but timelines have varied.</li> </ul>

Source: ING Research

## Global vaccination update - Asia lags the rest of the world

Daily case numbers are low, but in terms of vaccines and opening up economies, Asia lags a long way behind. Singapore is ahead of the Asian pack but broadly in line with the EU. Most other economies in Asia are barely on the scoreboard yet (measures only to one decimal place).

### Vaccine rollout



Source: Our World in data

## 2021 will see "tighter" fiscal policy

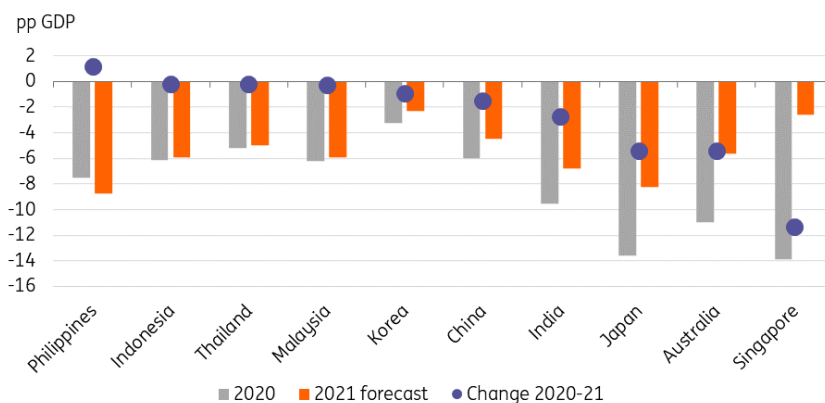
Even as governments try to remain accommodative to support stricken economies, there is no way that the fiscal generosity of 2020 can be repeated in 2021 or beyond. There's no Biden plan for Asia. Fiscal deficits are going to be large but smaller than in 2020. The Philippines is the one

exception to this rule.

Fortunately, not all of this represents a cyclically adjusted primary balance shift- or fiscal drag- to put it another way. But some of it is, and this may eat a little into the 2021 bounce.

Put it another way, there is a penalty for trying to kickstart an economy, which is that this needs endlessly repeating if it is not to turn into a drag.

## Deficits and fiscal "thrust"



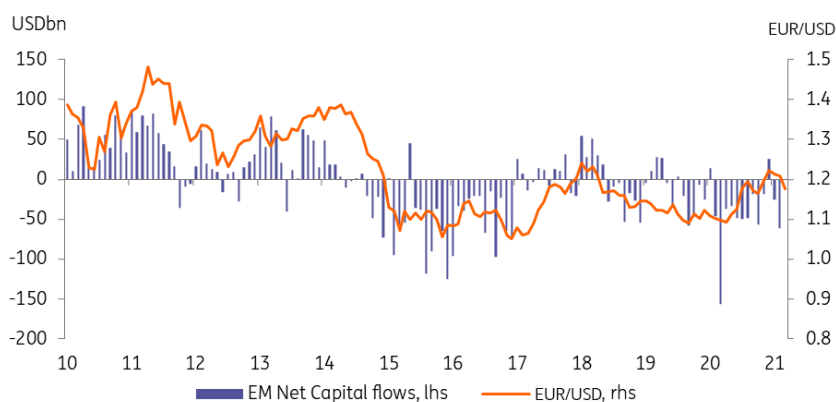
Source: ING Research

## IIF net EM inflow chart resumed outflows in latest published data

The IIF says that capital inflows to emerging markets (EM) were only about \$10bn in March- their latest published data on net flows go to February (show increased outflows).

Outflows would be consistent with recent USD strength, but this is more a flight to the US and USD than a flight out of EM. So far at least, financial markets are remaining circumspect about global deflation, even if they are convinced about the US story.

## EM net capital flows and EUR/USD



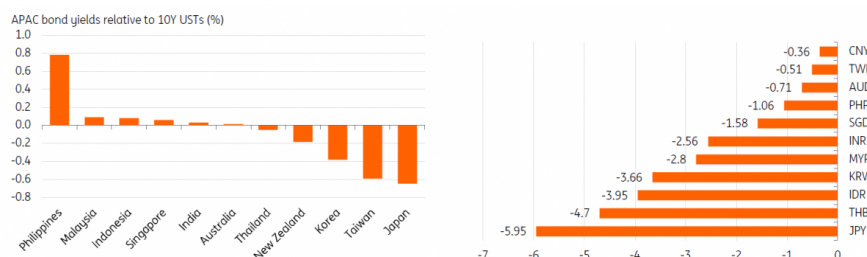
Source: IIF

## APAC bonds and FX since 1 Jan

Bond markets in Asia have not been particularly hard hit as US Treasuries have sold off (yields have risen).

- Yields on local currency bonds in the Philippines have risen the most, partly because the inflation figures there have been disappointingly high (resulting in a very negative "real rate") exceeding the central bank's (BSP) target despite weak growth. But this is mainly a food price effect caused by African Swine Fever. It will not persist, and as inflation dissipates, bond yields should converge to reflect the regional pattern. We do not expect BSP to respond, though it perhaps hampers its ability to ease further (not that there was much expectation for this).
- Again, there is no strong evidence of an emerging market effect at work - increases in Indonesian yields are not much higher than those for the regions' developed markets.
- North Asian (China, Korea, Taiwan) bonds have seen yields rise far less than those of South East and South Asia.
- In the foreign exchange space, the same absence of EM angst is evident, with the Philippine peso outperforming even the Singapore dollar and Korean won.
- The Indian rupee was outperforming in the FX and bond space until the Reserve Bank of India recently introduced a quantitative easing programme.

## APAC 10Y yields (left) and APAC FX since 01/01/2021 (right)



Source: CEIC

## Nominal Effective Exchange rates (NEERs) spreading out

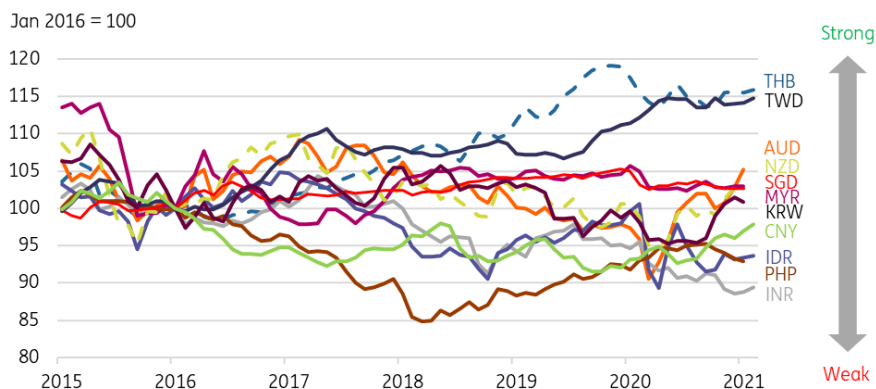
Though most effective (or trade-weighted) exchange rates are bunched in the middle of the pack, there are a few outliers at both ends that could hint at a future correction.

At the stronger end, the Taiwan dollar benefits from equity inflows given the positive semiconductor cycle. That looks set to persist.

The Thai baht is the victim of its huge current account surplus - mainly a reflection of very weak domestic demand. That also looks set to persist.

The Indonesian rupiah, Indian rupee and Philippine peso are all on the weaker side. PHP has held up well in recent weeks with external imbalances contained by weak domestic demand. INR strength has been undermined recently by RBI policy.

## Trade-weighted exchange rates



Source: CEIC

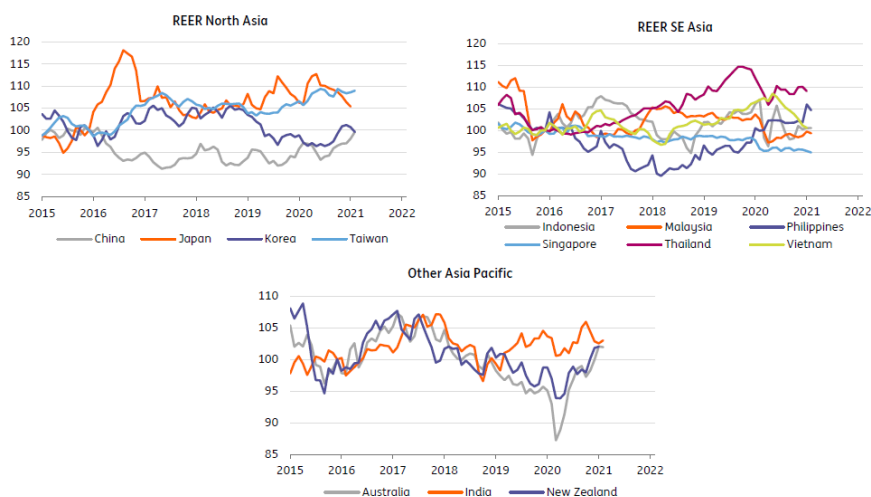
## Real currency rates

Real effective exchange rates - one measure of the competitiveness of a currency - are all quite close to "neutral" levels after the Australian and New Zealand dollars appreciated substantially in recent months.

The Japanese yen and Taiwan dollar are both quite strong relative to neutral REER levels. That could weigh on future export strength, though more likely, it reflects export strength from these two tech-heavy economies.

In South-East Asia, the Thai baht is on the strong side, the Singapore dollar a bit weak, and the rest are unremarkable.

## Real effective exchange rates



Source: CEIC

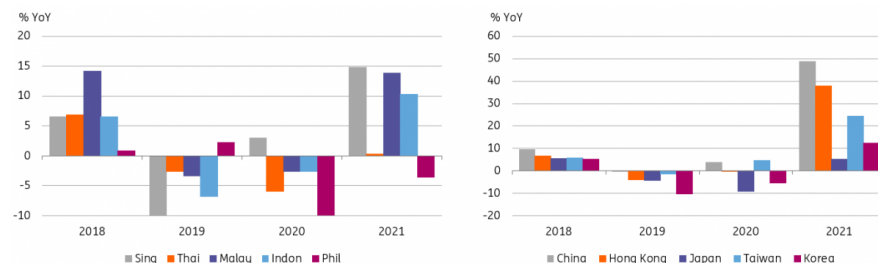
## Trade competitiveness

The export picture looks to be rebounding well, particularly for North Asia, home of the world's biggest electronics manufacturers, though Japan is lagging behind a bit - perhaps reflecting its broader goods export basket. In SE Asia, exports have also recovered well from their 2020 declines,

though for Thailand, this remains anaemic, and the Philippines has not yet joined the export party.

Most of the trade pick-up in Asia is intra-regional. Extra-regional exports are still weak due to Covid in Europe, the US and elsewhere. Strong global demand for semiconductors and other electronics is likely to be driving much of this Asian strength.

## ASEAN export growth (left) North Asia export growth (right)



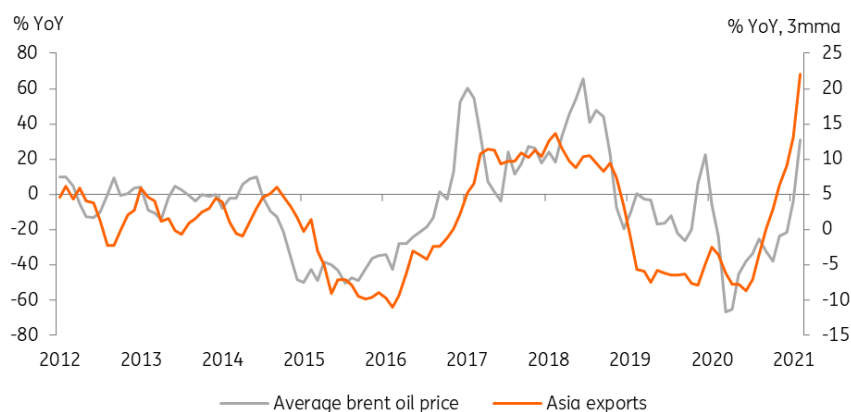
Source: CEIC

## Asian trade and oil

Although correlation is not the same as causation, and both series may represent a broader pick-up in global demand, there could also be a terms-of-trade impact from oil producers to Asian exporters.

Currently, the momentum is strongly positive, and peaks in Asian exports can be extended as we saw in 2017/18.

## Asian exports and crude oil price



Source: ING, CEIC

## Asian Inflation- mainly low, but mostly picking up

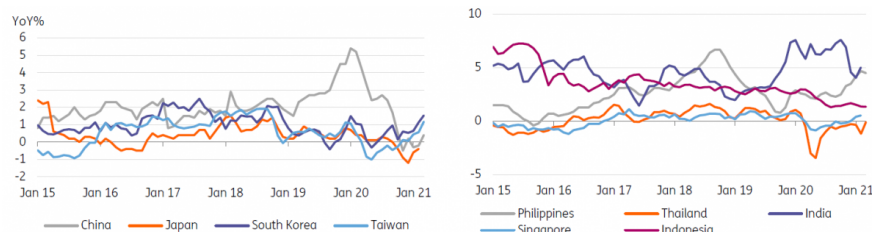
Inflation was battered in North Asia by the pandemic. But the next few months will see a combination of base effects and real acceleration in monthly "run-rates" push inflation higher in year-on-year terms before it eases back again.

Some South Asian economies (especially emerging market ones - e.g. India, the Philippines) experienced rising prices during the initial stages of the pandemic as supply chains were disrupted. Coupled with natural supply shocks (African Swine Fever, typhoons, flooding etc.) this has pushed

up inflation, mainly through food prices.

Such disruptions are temporary, and these will moderate in the coming months.

## North Asia (left) South East Asia (right)



Source: CEIC

## Conclusion

Generalising about a region as diverse as Asia is never a good idea, but with a number of caveats, we feel we can safely make the following observations:

- Asia's pandemic has so far been less widespread than in many other economies around the world.
- But due to aggressive social distancing measures, 2020 GDP growth was still badly hit, though this does set up 2021 for a bounce-back.
- That bounce would be stronger if accompanied by broader reopening measures, but the slow speed of the vaccine rollout has limited this.
- For most North Asian economies, inflation will pick up in the coming weeks and months as base effects from last year start to kick in. But for some South East and South Asian economies, inflation was already running quite high due to the disruptive impact of the pandemic on supply chains as well as food price shocks. These countries will see inflation moderate.
- Central banks will largely ignore inflation spikes.
- The US Treasury sell-off has had a more pronounced impact on bond yields of SE Asian economies and reflects how low real short-term yields have fallen.
- But there is little evidence of a broader emerging market issue arising in either bond or FX markets.
- Asian currencies have lost some ground to the US dollar since the beginning of the year, but strong external positions sometimes reflecting still very weak domestic demand means that such moves have been limited for most.

## Author

### Robert Carnell

Regional Head of Research, Asia-Pacific

[robert.carnell@asia.ing.com](mailto:robert.carnell@asia.ing.com)

Snap | 15 April 2021

# Indonesia: Trade numbers ahead of expectations as economy shows signs of recovery

Indonesia's latest trade report exceeded expectations, aided by higher commodity prices and improving economic conditions



Source: Shutterstock

**30.5%** growth in March exports

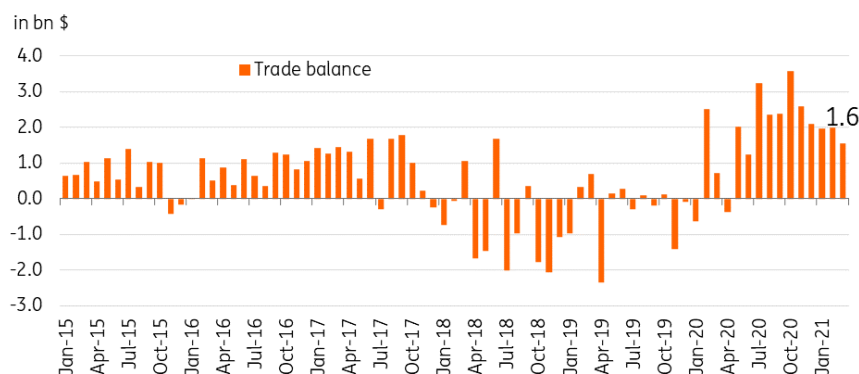
Higher than expected

## Exports surge 30.5%, imports jump 25.7%

Trade figures for February moved well past market consensus, with exports surging 30.5% while imports increased sharply, by 25.7%. The substantial pickup in exports was helped along by higher commodity prices, while also benefiting from improving global trade conditions with some countries rolling out their vaccination efforts. Meanwhile, imports saw another month of expansion, boosted by base effects but also reflecting signs of improving domestic economic conditions as Indonesia pushes its own inoculation rollout. Higher imports were likely also driven by a pickup in vehicle sales reported earlier, with March posting a 28.2% increase after Bank Indonesia (BI) relaxed borrowing conditions to help spur sales.



## Indonesia trade balance



Source: Badan Pusat Statistik

### Trade balance hits \$1.56 bn surplus, supportive of IDR

Despite the extreme movements for both imports and exports in terms of growth, the trade balance was right at market expectations, resulting in a \$1.56 bn surplus at the end of March. Indonesia's trade surplus should help support the IDR, which has come under significant pressure in recent weeks due to financial market-related outflows. We expect Indonesia to continue to post a trade surplus in the coming months as exports will likely increase as global trade improves, which will partially offset depreciation pressure in the near term.

#### Author

**Nicholas Mapa**

Senior Economist, Philippines

[nicholas.antonio.mapa@asia.ing.com](mailto:nicholas.antonio.mapa@asia.ing.com)

Snap | 15 April 2021

# Philippines: Remittances surprise on the upside, provide additional support for PHP

Overseas Filipino (OF) remittances rise 5.1% as support for the domestic economy wanes



Source: Jun Acullador

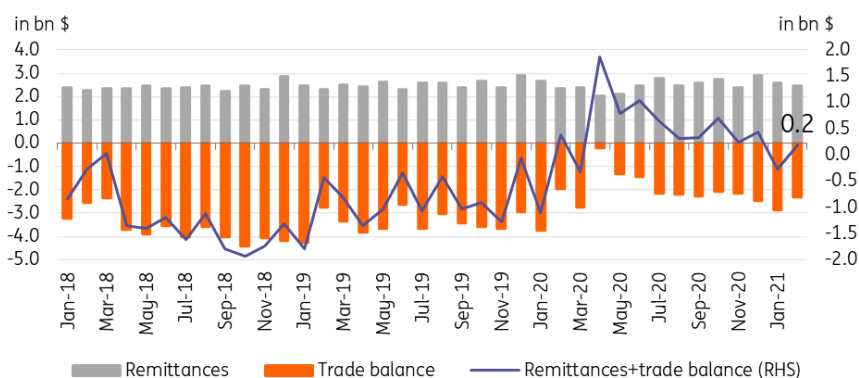
**5.1%** growth of Overseas Filipino cash remittances

Better than expected

## Remittances up 5.1% in February

Overseas Filipino (OF) remittances grew by 5.1%, besting market expectations for a 2.0% gain as economies of host countries continued to reopen and sea-based Filipinos benefited from a pickup in global trade. For the year, currency inflows hit \$5.08 bn, up 1.5% compared to the first two months of 2020 and we can expect remittance flows to remain positive in the coming months. Upside gains for remittances however may be limited given the substantial drawdown in the stock of OFs due to repatriation and the recent shutdowns experienced around the world.

## Philippines remittances and trade balance



Source: Philippine Statistics Authority and Bangko Sentral ng Pilipinas

## PHP to be supported by remittance flows but boost to economy fades

Expectations for modest positive growth for OF remittances will continue to be supportive of the Peso in the near term, especially with the economic recession weighing on corporate demand for the dollar. With firms and households cutting back on expansion plans, inbound shipments of capital goods and durables have been less stellar than prior to the pandemic, helping the Philippines post a current account surplus in 2020. In 2021, we expect remittance flows to adequately cover the more modest trade deficit, a development that should help lend appreciation pressure to the PHP in the near term. However, despite the boost to the currency, the impact of remittances on domestic consumption will likely be muted with the PHP-equivalent of remittances actually down 3.6% for the year.

### Author

**Nicholas Mapa**

Senior Economist, Philippines

[nicholas.antonio.mapa@asia.ing.com](mailto:nicholas.antonio.mapa@asia.ing.com)

## Disclaimer

This publication has been prepared by the Economic and Financial Analysis Division of ING Bank N.V. ("ING") solely for information purposes without regard to any particular user's investment objectives, financial situation, or means. *ING forms part of ING Group (being for this purpose ING Group N.V. and its subsidiary and affiliated companies)*. The information in the publication is not an investment recommendation and it is not investment, legal or tax advice or an offer or solicitation to purchase or sell any financial instrument. Reasonable care has been taken to ensure that this publication is not untrue or misleading when published, but ING does not represent that it is accurate or complete. ING does not accept any liability for any direct, indirect or consequential loss arising from any use of this publication. Unless otherwise stated, any views, forecasts, or estimates are solely those of the author(s), as of the date of the publication and are subject to change without notice.

The distribution of this publication may be restricted by law or regulation in different jurisdictions and persons into whose possession this publication comes should inform themselves about, and observe, such restrictions.

Copyright and database rights protection exists in this report and it may not be reproduced, distributed or published by any person for any purpose without the prior express consent of ING. All rights are reserved. ING Bank N.V. is authorised by the Dutch Central Bank and supervised by the European Central Bank (ECB), the Dutch Central Bank (DNB) and the Dutch Authority for the Financial Markets (AFM). ING Bank N.V. is incorporated in the Netherlands (Trade Register no. 33031431 Amsterdam). In the United Kingdom this information is approved and/or communicated by ING Bank N.V., London Branch. ING Bank N.V., London Branch is authorised by the Prudential Regulation Authority and is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. ING Bank N.V., London branch is registered in England (Registration number BR000341) at 8-10 Moorgate, London EC2 6DA. For US Investors: Any person wishing to discuss this report or effect transactions in any security discussed herein should contact ING Financial Markets LLC, which is a member of the NYSE, FINRA and SIPC and part of ING, and which has accepted responsibility for the distribution of this report in the United States under applicable requirements.

Additional information is available on request. For more information about ING Group, please visit [www.ing.com](http://www.ing.com).