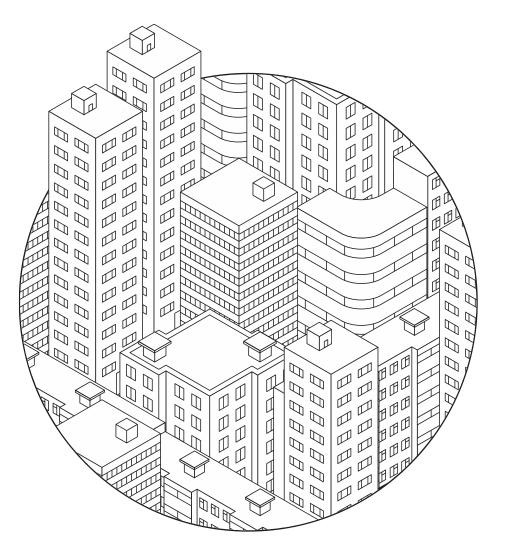
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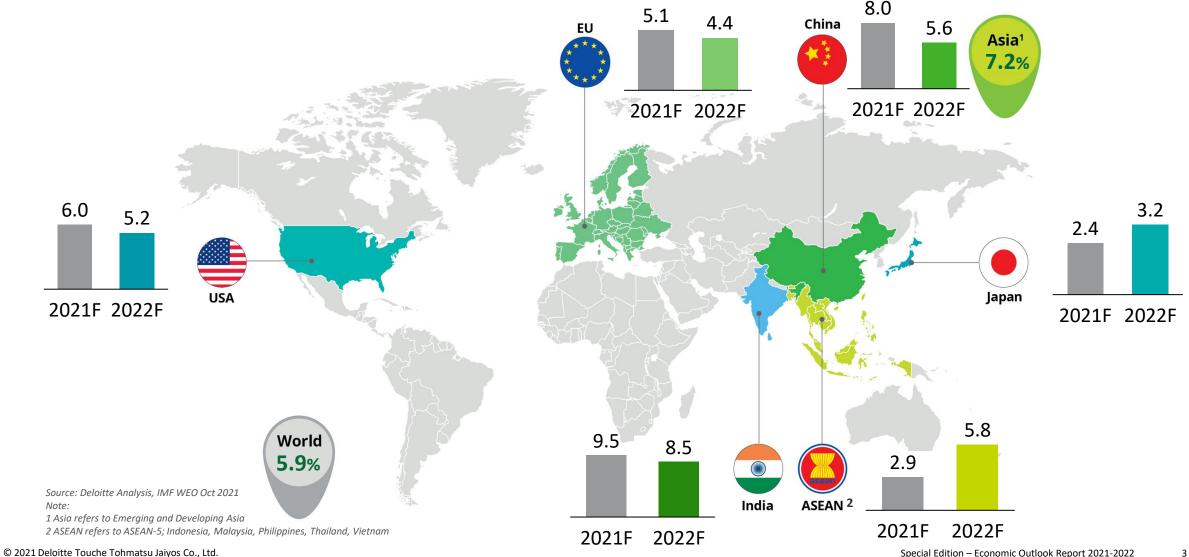


Special Edition Economic Outlook Report 2021-2022

Economic Outlook 2021 - 2022



Global economy saw recovery from vaccine rollout, policy support, and continued supportive financial conditions, responding to Covid-19 resurgence. The IMF forecasted the major economies in 2022 to be slightly gradual, with the exceptions of ASEAN and Japan which saw higher growth in 2022.

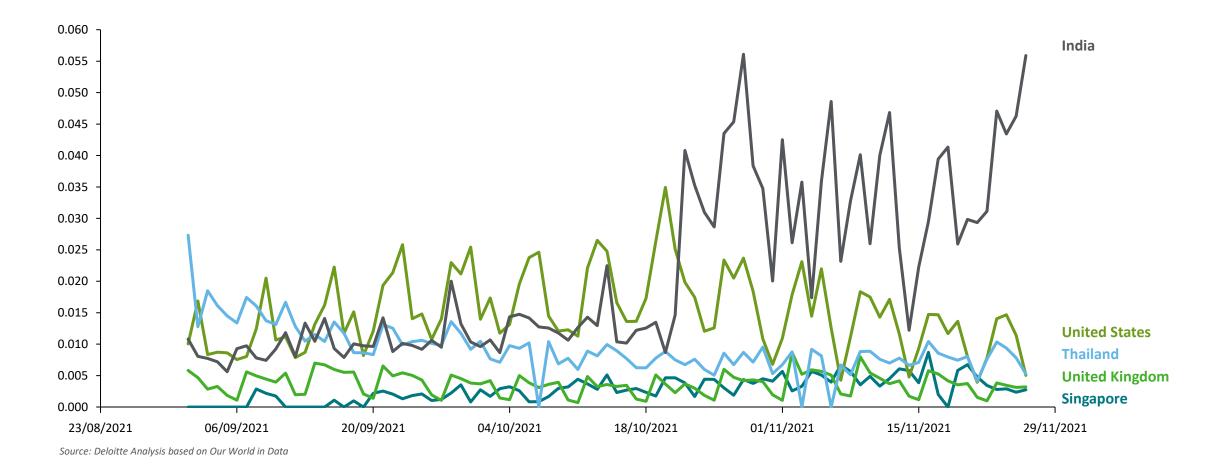


Special Edition – Economic Outlook Report 2021-2022 3

	Кеу Та	Watch List	
	+	-	
🚈 us	 Rising consumer demand Tighter monetary policy 	 Supply chain disruption The Delta and Omicron variants The tightened labor market 	Tapering by Fed
	ingliter monetary policy	Soaring home pricesSurge in inflation	Great resignation
	Monetary policy in maintaining 2% inflation	Risk of COVID-19 new waveSurge in inflation rate	The control of the virus spread and vaccine availability in 2021
EU		 High gas price from rising in demand and its limited gas reserve 	Short-term economic impacts from potential lockdown measures
Japan	 Strong domestic and foreign demand for manufacturing Monetary easing policy 	 COVID-19 state of emergency from July to September 2021 Potential trade deficit 	New wave of virus spread and vaccine availability in 2022
Japan			A top-up fiscal stimulus in 2022
China	 Xi's Common Prosperity to reduce wealth 	 POC's reluctance to loosen monetary and fiscal policies 	Relation with the US under Biden's administration
		China's power crunch	Evergrande's debt & potential systemic risk

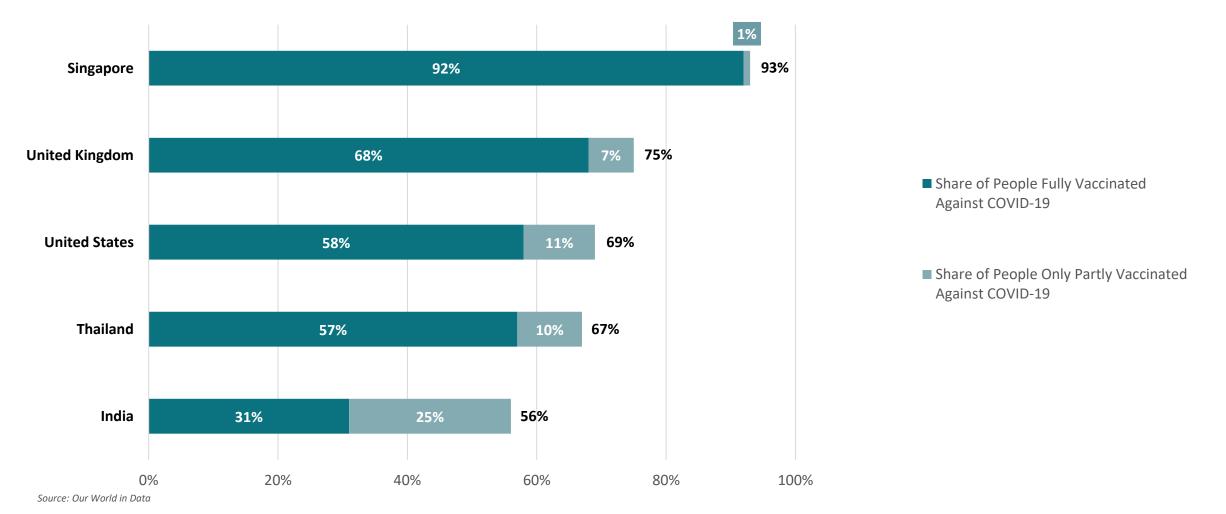
Covid-19 New Death Against New Case Ratio

Although Thailand and United Kingdom have the similar average daily new death during Sep 1-Nov 26, 2021 at around 103 and 140 persons, respectively, Thailand's average new death to new case ratio is higher by 2.5 times to that of the United Kingdom.



Share of People Vaccinated Against Covid-19 (as of Nov 27, 2021)

Thailand lags behind most of its peers in vaccination.



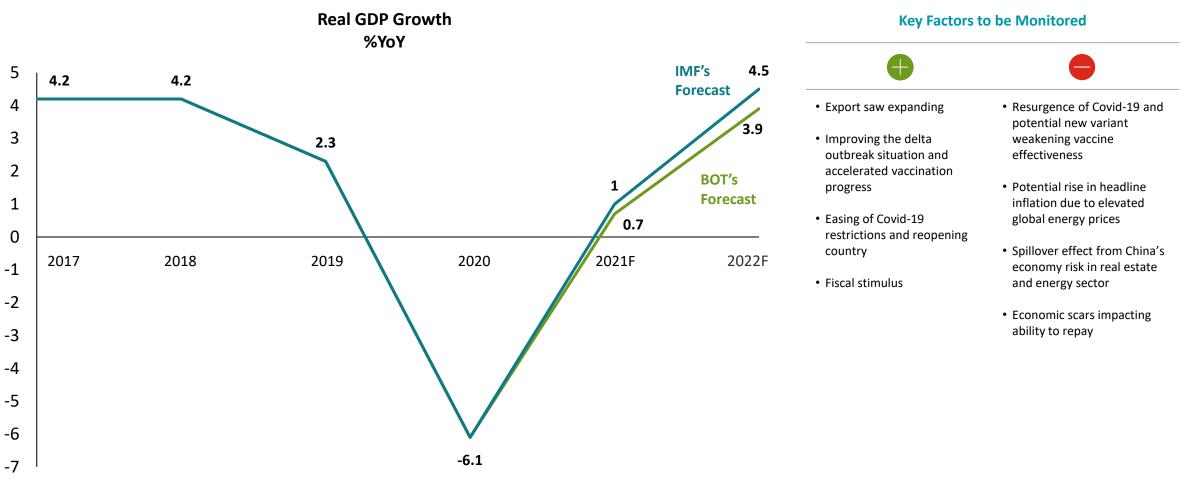
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Thai Economy 2021 - 2022



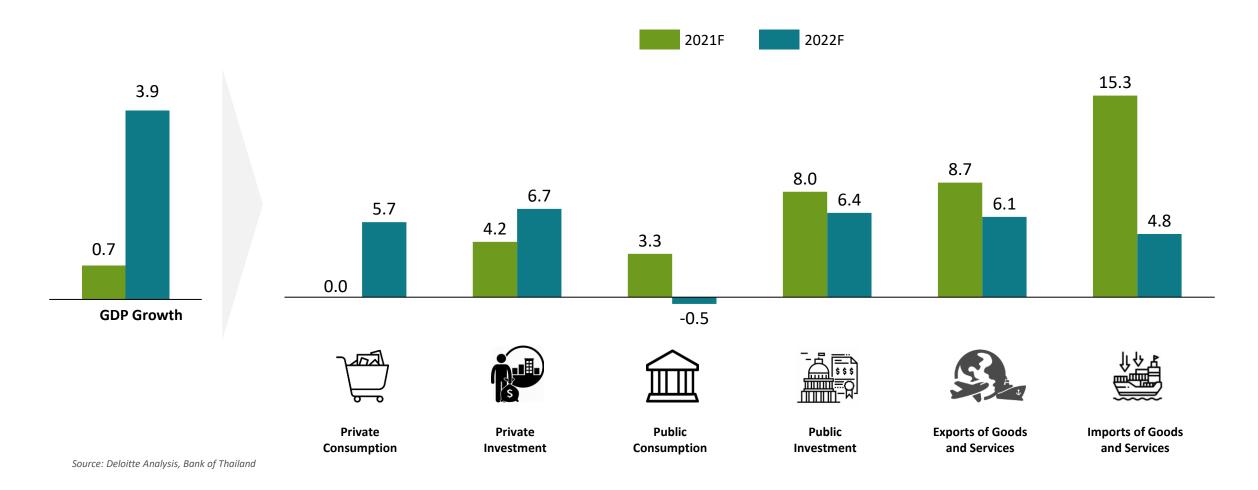
Thailand Economic Outlook

Despite the improvement in economic recovery, uncertainties remain high.



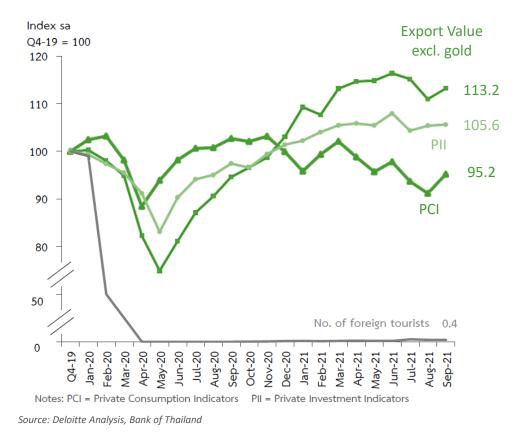
Source: Deloitte Analysis, IMF as of 19 November 2021, Bank of Thailand, SCB EIC

Thai economy is forecasted a gradual recovery owing to domestic spending with improving confidence. However, exports would be impacted by shortages of semiconductors and containers. Under Thai economy's uncertainty, monitoring the development in outbreak, relaxation of containment measures, private sector confidence, and government measures are crucial factors for economic recovery.



Thai economy had bottomed out in the third quarter of 2021, as reflected in most economic indicators in September 2021 following gradual relaxation of containment measures, while foreign tourist arrivals are expected to reach only 0.2 million in 2021 due to new variant concerns and are expected to rebound to 6 million in 2022 from gradual reopening policy stance from other economies.



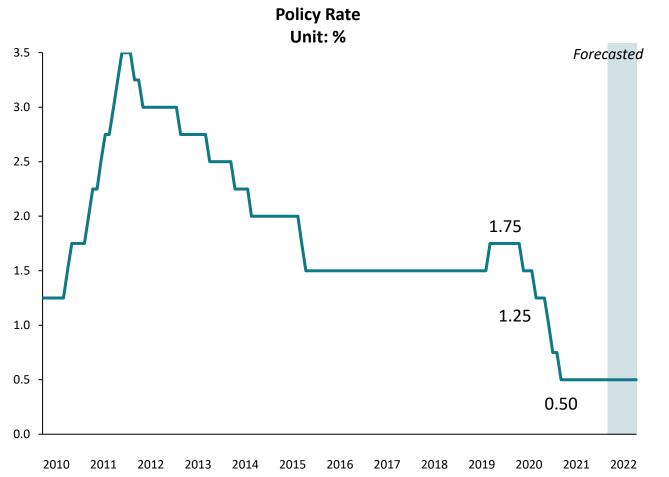


Supply-side Economic Indicators

Index sa Q4-19 = 100120 **Agricultural Production** 110 102.6 100 94.8 90 MPI 80 78.5 70 SPI excl. gold^E 60 Q4-19 Mar-20 Apr-20 May-20 Jun-20 Jul-20 Sep-20 Sep-20 Oct-20 Nov-20 Dec-20 Jan-21 Feb-21 Mar-21 Apr-21 May-21 Aug-21 Jun-21 Jul-21 Sep-21 Notes: MPI = Manufacturing Production Index

SPI = Service Production Index (Excludes public administration and services, and gold activities) E = Estimated data

The Monetary Policy Committee (MPC) voted unanimously to maintain the policy rate at 0.5 percent and is expected to keep at this rate at 0.5 percent throughout 2022.

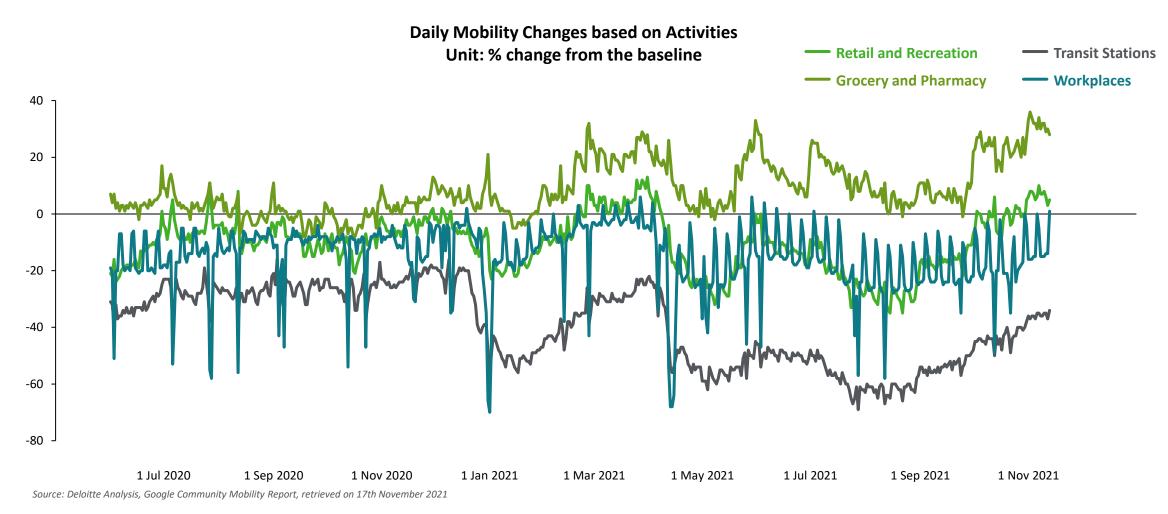


The Committee viewed that the continued accommodative monetary policy would help support overall economic growth. The ongoing financial and fiscal measures, which focusing on rebuilding and enhancing potential growth would play a crucial part in bolstering the robust recovery of income.

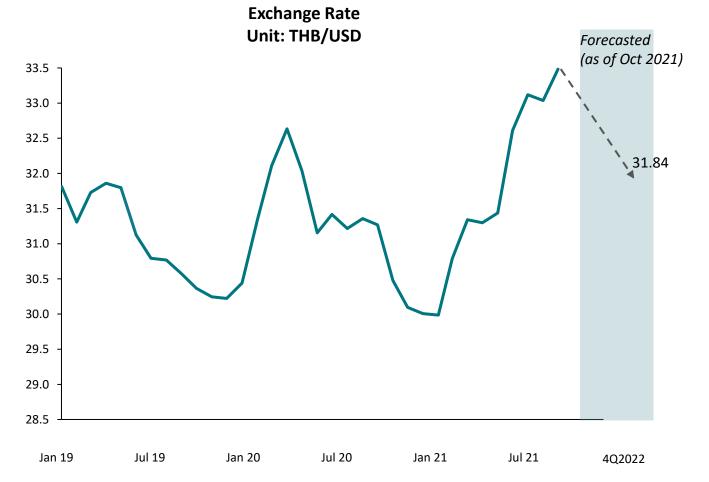
The Committee also assessed that the Thai economy had bottomed out in the third quarter of 2021 and entered the recovery phase following the relaxation of containment measures and the re-opening of the country.

Source: Deloitte Analysis, Bank of Thailand's Monetary Policy Committee's Decision 7/2021, Krungthai Compass

Thai economy saw more rising movement as reflected on the activity indications. Retail and recreation saw the highest acceleration after the relaxation of containment measures.



Thai baht is expected to depreciate due to strong US dollar and Thailand's current account deficit from the doubling of freight payments.



The Thai baht has slightly appreciated after its weakest level of 33.91 in Sep 30, 2021, weakest since July 2017.

Expected to certain appreciation due to ease of Covid-19 measures and recovery. Nonetheless, FED's tampering, potential increase in interest rate are needed to be considered.

Source: Deloitte Analysis, Bank of Thailand, Kbank Data Flash Sep 29, 2021, TDRI © 2021 Deloitte Touche Tohmatsu Jaiyos Co., Ltd. In Thailand, some sectors can quickly recover by this year, while some esp. tourism related businesses and durable goods have to wait until 2025 and beyond.

				Speed of Recovery		
		2021	2022	2023	2024	2025 Onwards
	Highest Impact				 Hotel & Restaurant Medium & heavy commercial vehicle Media Residential real estate (Low rise) Automotive (Export) 	 Airline Hotel (Target foreigner) Commercial real estate Auto (Domestic sale) Auto dealer Residential real estate (Condominium) Private construction
_	Moderate Impact		 Agricultural chemical Petrochemical Motorcycle Telecom Wholesale & Retail (Grocery) Rubber 	 Restaurant (Target Thais) Machinery 		
_	Least Impact	 Agriculture Consumer product Warehouse Pulp & paper Steel Public construction Food 		 Beverage Private hospital 		

Priority sector (1/2)

		Tailwind	Headwind
		 Increased auto parts and assembly production as illustrated by the 27.9% increase in the electricity demand 	 Drastic reduction in oil and gas consumption due to lockdown measures especially in diesel with slower performance in the agricultural sector
Oil & Gas	A	 Government domestic tourism stimulation leads to an increase in personal cars usage and subsequent benzine consumption 	• Increasing EV popularity with 73.5% increase YoY of EV car registered in July 2021.
		 Hygienic and COIVD-19 concern leads to consumers' higher preference of personal transport, resulting in increased benzine usage 	
Automotive		Improved agricultural sector performance is correlated with higher motorcycle	• Domestic Economy
		purchases as provinces with casava and rubber production saw the rebound of motorcycle purchases back to the pre COVID-19 period	Strick auto loan requirement
		 Growth of delivery services leads to an increased motorcycle usage due to with 13.7% YoY growth from January to July 2021 	 Semiconductor chip shortages will prevent a significant expansion in vehicle production volumes.
		 Government's continuous supports on agriculture and manufacturing which will require vehicles for transport of goods 	
		Government's support on infrastructure development with numerous construction	
		E-commerce growth	

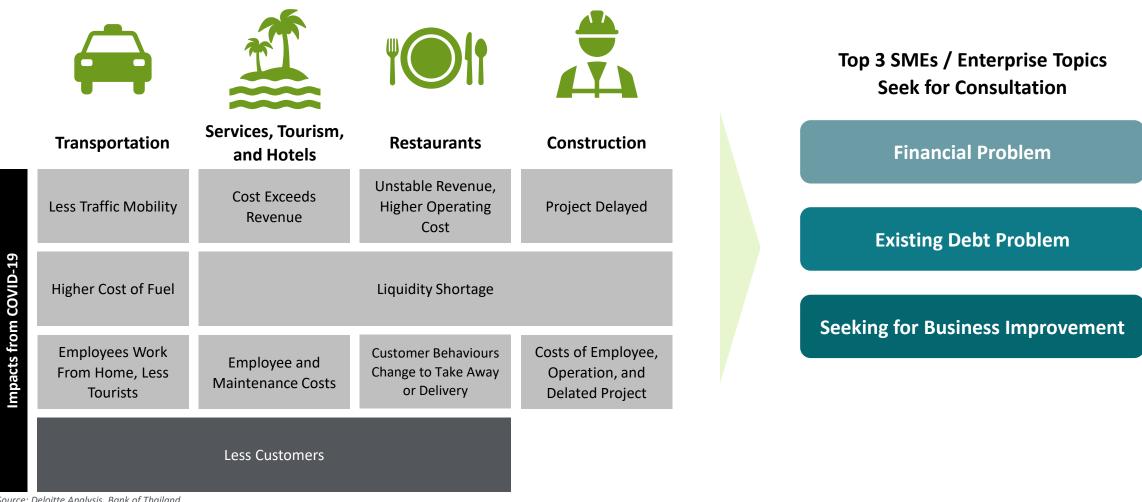
Source: Deloitte Analysis, PostToday, KasikornResearch, and EPPO

Priority sector (2/2)

		Tailwind	Headwind	
		 Auto leasing increase in line with automotive industry recovery 	 API ecosystem and partners' collaboration 	
Banking	(The second seco	Lower saving account interest	Digital/IT infrastructure and security	
Daliking		Higher insurance sales	Rise of retail investors in capital markets	
	-		 Growing of other payment methods vs Credit Cards 	
		 Stores back in operation after lockdown lifted 	High Competition	
		Return of foreign tourists	Change in consumer behaviour	
		 Government's domestic spending stimulus 	More concerns in health, ESG and CSR	
Consumer Product			Digital Transformation for new business model	
Product			Supply Chain Resilience	

Source: Deloitte Analysis, Brandinside, and Thairath

Shifting in customer behavior and forced change in business operation had affected businesses' revenue which led to affordability risk.



Source: Deloitte Analysis, Bank of Thailand © 2021 Deloitte Touche Tohmatsu Jaiyos Co., Ltd.

Covid-19 Stimulus Packages for Consumers

Stimulus packages aimed at supporting the economy amid the resurgence of Covid-19. The measures include cash handouts, co-payments, and cash rebates. Looking ahead, fiscal support would decline following the substantial stimulus earlier.



Source: Deloitte Analysis, Ministry of Finance, Krungthai, Social Security Office, BOT and other sources from government webpages

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Covid-19 Financial Measures to Support Business Recovery

Public agencies, financial institutions, and those in the private sector have worked closely together in designing these market-based support measures that will address the needs of all parties involved.

		Personal	SMEs	Enterprise
Temporary liquidity shock due to COVID-19		 Financial Stimulus via Ministry of Finance Increase Capital via Specialized Financial Institutions (SFIs) 	 Soft Loan (2020) Loan Rehabilitation (2021) 	• Corporate Bond Stabilization Fund (BSF)
			Debt Restructuring	
	Moderate Impacted and Potentially Repayable	Debt Restructuring Measure Phase 3		
Existing Debts		2-Month Suspend	ding Payments of principal	
Existing Debts	High Impacted and might not be	2-Month Suspend Debt Mediation	ding Payments of principal Suspending Payments (in case of unable to evaluate cashflow)	
Existing Debts			Suspending Payments (in case of unable to evaluate cashflow)	set Warehousing
Existing Debts	might not be	Debt Mediation	Suspending Payments (in case of unable to evaluate cashflow)	set Warehousing

Soft Loan

The bank of Thailand adjusted its soft loan scheme to support liquidity for both existing and new SME borrowers by expanding their credit line.

	Soft Loan (2020)	Raised Concerns	Loan Rehabilitation (2021)
Borrower	 Existing borrowers with ≤ 500 m THB of the existing credit line (and non-NPL as of Dec 31, 2019) 		 Existing borrowers with ≤ 500 m THB of the existing credit line (and non-NPL as of Dec 31, 2019) New borrower
Credit Line	 Existing borrower: ≤ 20% of the existing credit line 	 New borrowers who were affected from Covid-19 could not participate. Less than 20% of credit line limits SMEs to access. Limited of access might result in accessible SMEs taking advantage of landing to the ungualified SMEs 	 Existing borrower: ≤ 30% of the existing credit line (But no more than 150 m THB) New borrower: ≤ 20 m THB
Term	2 Years	lending to the unqualified SMEs.	5 Years
Interest Rate	≤ 2% Annually		≤ 5% Annually (5-year average) (≤ 2% for the first 2 years)

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