

Market Summaries

People's Republic of China

Local currency (LCY) bonds outstanding in the People's Republic of China (PRC) grew 2.8% quarter-on-quarter (q-o-q) and 14.1% year-on-year to reach CNY84.2 trillion (USD12.1 trillion) at the end of December. The PRC's bond market growth rate slowed during the fourth quarter (Q4) of 2019, both on a year-on-year and q-o-q basis, compared with the third quarter of 2019. The slowdown in the q-o-q growth was driven by a tepid rise in government bonds outstanding, which grew 2.0% q-o-q in Q4 2019 versus 3.5% q-o-q in the previous quarter.

Table 1: Size and Composition of the Local Currency Bond Market in the People's Republic of China

	Outstanding Amount (billion)						Growth Rates (%)			
	Q4 2018		Q3 2019		Q4 2019		Q4 2018		Q4 2019	
	CNY	USD	CNY	USD	CNY	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	73,770	10,725	81,916	11,459	84,185	12,090	3.4	14.6	2.8	14.1
Government	47,883	6,961	52,913	7,402	53,986	7,753	2.2	14.1	2.0	12.7
Treasury Bonds	14,922	2,169	15,963	2,233	16,698	2,398	3.9	10.3	4.6	11.9
Central Bank Bonds	0	0	14	2	22	3	-	-	57.1	-
Policy Bank Bonds	14,517	2,110	15,445	2,161	15,695	2,254	2.3	7.9	1.6	8.1
Local Government Bonds	18,444	2,681	21,491	3,006	21,571	3,098	0.6	23.0	0.4	17.0
Corporate	25,887	3,763	29,003	4,057	30,199	4,337	5.9	15.7	4.1	16.7
Policy Bank Bonds										
China Development Bank	8,147	1,184	8,665	1,212	8,704	1,250	2.1	8.0	0.5	6.8
Export-Import Bank of China	2,397	348	2,601	364	2,735	393	4.3	4.4	5.2	14.1
Agricultural Devt. Bank of China	3,973	578	4,179	585	4,256	611	1.7	9.8	1.8	7.1

() = negative, - = not applicable, CNY = Chinese yuan, LCY = local currency, q-o-q = quarter-on-quarter, Q3 = third quarter, Q4 = fourth quarter, USD = United States dollar, y-o-y = year-on-year.

Notes:

1. Calculated using data from national sources.
 2. Treasury bonds include savings bonds and local government bonds.
 3. Bloomberg LP end-of-period LCY-USD rate is used.
 4. Growth rates are calculated from an LCY base and do not include currency effects.
- Sources: Bloomberg LP, ChinaBond, and Wind Information.

Total corporate bond issuance in Q4 2019 reached CNY3.7 trillion, up only 1.7% q-o-q, which was well below the previous quarter's 20.9% q-o-q growth, as market sentiment improved amid a possible slowdown in the United States Federal Reserve's monetary policy tightening. With issuance levels and maturities roughly unchanged from the third quarter of 2019, corporate bonds outstanding grew 4.1% in Q4 2019.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2019

Corporate Issuers	Coupon Rate (%)	Issued Amount (CNY billion)	Corporate Issuers	Coupon Rate (%)	Issued Amount (CNY billion)
China State Railway Group			Bank of China		
3-year bond	3.40	10	2-year bond	3.25	20
3-year bond	3.80	10	10-year bond	4.01	30
5-year bond	3.53	12	Shanghai Pudong Development Bank		
5-year bond	3.50	12	6-year bond	0.20	50
5-year bond	3.60	15	Shaanxi Coal and Chemical Industry		
5-year bond	3.50	12	5-year bond	4.14	3
20-year bond	4.16	8	5-year bond	4.09	3
20-year bond	4.08	8	5-year bond	3.98	5
20-year bond	4.16	8	5-year bond	4.15	4
Bank of Communications			5-year bond	4.15	3
3-year bond	3.35	40			
3-year bond	3.35	50			

CNY = Chinese yuan.
Source: Bloomberg LP.

LCY corporate bonds outstanding among the top 30 corporate bond issuers in the PRC reached CNY9.5 trillion at the end of December, accounting for 31.3% of the total LCY corporate bond stock. The largest issuer remained China Railway, with CNY2.1 trillion of LCY bonds outstanding.

Table 3: Top 30 Issuers of Local Currency Corporate Bonds in the People's Republic of China

	Issuers	Outstanding Amount		State-Owned	Listed Company	Type of Industry
		LCY Bonds (CNY billion)	LCY Bonds (USD billion)			
1.	China Railway	2,138.5	307.1	Yes	No	Transportation
2.	Bank of China	613.8	88.2	Yes	Yes	Banking
3.	Agricultural Bank of China	600.5	86.2	Yes	Yes	Banking
4.	Industrial and Commercial Bank of China	573.2	82.3	Yes	Yes	Banking
5.	China Construction Bank	416.0	59.7	Yes	No	Asset Management
6.	State Grid Corporation of China	413.7	59.4	No	Yes	Banking
7.	China National Petroleum	373.0	53.6	Yes	Yes	Banking
8.	Central Huijin Investment	340.6	48.9	No	Yes	Banking
9.	Bank of Communications	319.0	45.8	Yes	No	Public Utilities
10.	China Minsheng Banking	307.6	44.2	No	Yes	Banking
11.	Shanghai Pudong Development Bank	285.1	40.9	No	Yes	Banking
12.	China CITIC Bank	265.0	38.1	Yes	No	Energy
13.	Industrial Bank	253.3	36.4	No	Yes	Banking
14.	China Everbright Bank	208.5	29.9	Yes	Yes	Banking
15.	State Power Investment	204.4	29.4	Yes	No	Energy
16.	Tianjin Infrastructure Construction and Investment Group	193.6	27.8	Yes	Yes	Banking
17.	Huaxia Bank	189.4	27.2	Yes	No	Industrial
18.	China Merchants Bank	176.7	25.4	No	Yes	Banking
19.	CITIC Securities	173.4	24.9	Yes	No	Banking
20.	Bank of Beijing	155.0	22.3	Yes	Yes	Energy
21.	China Datang Corporation	151.0	21.7	Yes	No	Energy
22.	Datong Coal Mine Group	143.1	20.6	Yes	Yes	Brokerage
23.	Ping An Bank	142.5	20.5	Yes	No	Coal
24.	China Southern Power Grid	136.2	19.6	Yes	No	Energy
25.	China Cinda Asset Management	127.0	18.2	Yes	Yes	Coal
26.	China Merchants Securities	126.5	18.2	No	No	Banking
27.	PetroChina	110.0	15.8	Yes	No	Public Utilities
28.	Dalian Wanda Commercial Properties	108.0	15.5	Yes	Yes	Brokerage
29.	China Three Gorges	107.5	15.4	Yes	Yes	Banking
30.	Shaanxi Coal and Chemical Industry Group	106.5	15.3	Yes	No	Steel
Total Top 30 LCY Corporate Issuers		9,458.5	1,358.4			
Total LCY Corporate Bonds		30,199.3	4,337.0			
Top 30 as % of Total LCY Corporate Bonds		31.3%	31.3%			

CNY = Chinese yuan, LCY = local currency, USD = United States dollar.

Notes:

1. Data as of 31 December 2019.

2. State-owned firms are defined as those in which the government has more than a 50% ownership stake.

Source: *AsianBondsOnline* calculations based on Bloomberg LP data.

Hong Kong, China

The outstanding stock of local currency (LCY) bonds in Hong Kong, China amounted to HKD2,266.0 billion (USD290.8 billion) at the end of the fourth quarter (Q4) of 2019, rising 0.07% quarter-on-quarter (q-o-q) and 1.8% year-on-year. The weak q-o-q growth was largely due to a 0.9% contraction in corporate bonds, which weighed on the 1.0% growth in government bonds. In the government bond segment, the 6.3% q-o-q decline in Exchange Fund Notes nearly offset the 6.9% q-o-q growth in Hong Kong Special Administrative Region bonds and the 0.7% q-o-q rise in Exchange Fund Bills.

Table 1: Size and Composition of the Local Currency Bond Market in Hong Kong, China

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2018		Q3 2019		Q4 2019		Q4 2018		Q4 2019	
	HKD	USD	HKD	USD	HKD	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	2,225	284	2,264	289	2,266	291	2.4	16.7	0.07	1.8
Government	1,169	149	1,170	149	1,182	152	1.2	1.3	1.0	1.2
Exchange Fund Bills	1,031	132	1,048	134	1,055	135	0.6	2.0	0.7	2.4
Exchange Fund Notes	32	4	28	4	27	3	(5.3)	(14.8)	(6.3)	(17.4)
HKSAR Bonds	106	14	94	12	100	13	9.8	1.0	6.9	(5.4)
Corporate	1,056	135	1,094	140	1,084	139	3.7	40.2	(0.9)	2.6

(-) = negative, HKD = Hong Kong dollar, HKSAR = Hong Kong Special Administrative Region, LCY = local currency, q-o-q = quarter-on-quarter, Q3 = third quarter, Q4 = fourth quarter, USD = United States dollar, y-o-y = year-on-year.

Notes:

1. Calculated using data from national sources.
2. Bloomberg LP end-of-period LCY-USD rates are used.
3. Growth rates are calculated from an LCY base and do not include currency effects.

Source: Hong Kong Monetary Authority.

Among the top nonbank corporate issuers in Q4 2019, New World Development—a diversified company—was the largest issuer with the single issuance of a 30-year bond carrying a 4.89% coupon. Hong Kong Mortgage Corporation was the second-largest issuer, with a dual-tranche issuance amounting to HKD1.2 billion. The quarter saw several other issuances of long-dated bonds. Aside from New World Development, the Hong Kong and China Gas Company and Hong Kong Electric also issued 30-year tenor bonds. The Hong Kong and China Gas Company raised a total of USD0.9 billion from two tranches of 30-year bonds, both carrying a 2.94% coupon, while Hong Kong Electric sold a HKD0.5 billion 30-year bond with a 2.99% coupon.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2019

Corporate Issuers	Coupon Rate (%)	Issued Amount (HKD million)	Corporate Issuers	Coupon Rate (%)	Issued Amount (HKD million)
New World Development			Cathay Pacific		
30-year bond	4.89	1,500	3-year bond	3.38	800
Hong Kong Mortgage Corporation			Hong Kong Land		
0.5-year bond	1.96	770	10-year bond	2.93	550
1-year bond	1.88	400	Wharf Real Estate Investment		
The Hong Kong and China Gas Company			7-year bond	2.46	514
30-year bond	2.94	398	Hong Kong Electric		
30-year bond	2.94	460	30-year bond	2.99	500

HKD = Hong Kong dollar.
Source: Bloomberg LP.

The outstanding bonds of the top 30 nonbank corporate issuers in Hong Kong, China amounted to HKD213.0 billion at the end of Q4 2019, accounting for 19.7% of the total LCY corporate bond market. Government-owned Hong Kong Mortgage Corporation remained the top issuer, with outstanding bonds amounting to HKD28.9 billion. Sun Hung Kai & Co. was the second-largest issuer, with HKD16.7 billion of bonds outstanding. Link Holdings, MTR Corporation, and the Hong Kong and China Gas Company followed, with outstanding bonds of at least HKD12.0 billion each. Of the top 30, only 3 were state-owned. Two-thirds were listed companies on the Hong Kong Stock Exchange. Finance and real estate companies dominated the top 30 list in Q4 2019.

Table 3: Top 30 Nonbank Issuers of Local Currency Corporate Bonds in Hong Kong, China

	Issuers	Outstanding Amount		State-Owned	Listed Company	Type of Industry
		LCY Bonds (HKD billion)	LCY Bonds (USD billion)			
1.	Hong Kong Mortgage Corporation	28.9	3.7	Yes	No	Finance
2.	Sun Hung Kai & Co.	16.7	2.1	No	Yes	Finance
3.	Link Holdings	12.2	1.6	No	No	Finance
4.	MTR Corporation	12.1	1.6	Yes	Yes	Transportation
5.	The Hong Kong and China Gas Company	12.0	1.5	No	Yes	Utilities
6.	New World Development	11.7	1.5	No	Yes	Diversified
7.	Hong Kong Land	11.0	1.4	No	No	Real Estate
8.	Swire Pacific	9.4	1.2	No	Yes	Diversified
9.	Henderson Land Development	8.8	1.1	No	No	Real Estate
10.	CLP Power Hong Kong Financing	7.7	1.0	No	No	Finance
11.	Smart Edge	6.8	0.9	No	No	Finance
12.	The Wharf (Holdings)	6.7	0.9	No	Yes	Finance
13.	AIA Group Ltd	6.3	0.8	No	Yes	Insurance
14.	CK Asset Holdings	6.2	0.8	No	Yes	Real Estate
15.	Hongkong Electric	6.0	0.8	No	No	Utilities
16.	Swire Properties	5.6	0.7	No	Yes	Diversified
17.	Future Days	5.5	0.7	No	No	Transportation
18.	Hang Lung Properties	4.6	0.6	No	Yes	Real Estate
19.	Hysan Development Company	4.4	0.6	No	Yes	Real Estate
20.	IFC Development	3.5	0.4	No	No	Finance
21.	Haitong International Securities Group	3.2	0.4	No	Yes	Finance
22.	Wharf Real Estate Investment	3.1	0.4	No	Yes	Real Estate
23.	Lerthai Group	3.0	0.4	No	Yes	Real Estate
24.	Emperor International Holdings	3.0	0.4	No	Yes	Real Estate
25.	Guotai Junan Holdings	3.0	0.4	No	Yes	Finance
26.	Champion REIT	2.5	0.3	No	Yes	Real Estate
27.	China Dynamics Holdings	2.4	0.3	No	Yes	Automotive
28.	Urban Renewal Authority	2.3	0.3	Yes	No	Real Estate
29.	South Shore Holdings	2.2	0.3	No	Yes	Industrial
30.	Emperor Capital Group	2.2	0.3	No	Yes	Finance
Total Top 30 Nonbank LCY Corporate Issuers		213.0	27.3			
Total LCY Corporate Bonds		1,083.8	139.1			
Top 30 as % of Total LCY Corporate Bonds		19.7%	19.7%			

HKD = Hong Kong dollar, LCY = local currency, USD = United States dollar.

Notes:

1. Data as of 31 December 2019.

2. State-owned firms are defined as those in which the government has more than a 50% ownership stake.

Source: *AsianBondsOnline* calculations based on Bloomberg LP data.

Indonesia

The size of Indonesia's local currency (LCY) bond market expanded to IDR3,310.6 trillion (USD238.8 billion) at the end of December. Overall growth, while positive, moderated to 2.5% quarter-on-quarter (q-o-q) and 16.6% year-on-year (y-o-y) in the fourth quarter (Q4) of 2019 from 5.2% q-o-q and 16.8% y-o-y, respectively, in the previous quarter. The slower growth in outstanding bonds was due to an issuance slowdown in all bond segments in Q4 2019.

Table 1: Size and Composition of the Local Currency Bond Market in Indonesia

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2018		Q3 2019		Q4 2019		Q4 2018		Q4 2019	
	IDR	USD	IDR	USD	IDR	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	2,838,177	197	3,229,879	228	3,310,632	239	2.7	13.7	2.5	16.6
Government	2,426,320	169	2,792,335	197	2,865,531	207	3.5	15.0	2.6	18.1
Central Govt. Bonds	2,368,451	165	2,664,332	188	2,752,741	199	2.7	12.8	3.3	16.2
of which: <i>Sukuk</i>	392,985	27	456,844	32	485,534	35	3.9	14.6	6.3	23.6
Central Bank Bills	57,869	4	128,003	9	112,790	8	49.5	477.7	(11.9)	94.9
of which: <i>Sukuk</i>	10,043	0.7	25,674	2	31,174	2	(5.6)	0.3	21.4	210.4
Corporate	411,857	29	437,544	31	445,101	32	(1.7)	6.3	1.7	8.1
of which: <i>Sukuk</i>	21,298	1	30,654	2	30,063	2	25.4	38.4	(1.9)	41.2

(-) = negative, IDR = Indonesian rupiah, LCY = local currency, q-o-q = quarter-on-quarter, Q3 = third quarter, Q4 = fourth quarter, USD = United States dollar, y-o-y = year-on-year. Notes:

1. Calculated using data from national sources.
2. Bloomberg LP end-of-period LCY-USD rates are used.
3. Growth rates are calculated from an LCY base and do not include currency effects.
4. The total stock of nontradable bonds as of end-December stood at IDR209.3 trillion.

Sources: Bank Indonesia; Directorate General of Budget Financing and Risk Management, Ministry of Finance; Indonesia Stock Exchange; Otoritas Jasa Keuangan; and Bloomberg LP.

In Q4 2019, new issuance of corporate bonds totaled IDR34.2 trillion, down 22.6% q-o-q but up 151.8% y-o-y. A total of 24 firms raised new funds from the debt market during the quarter, adding 68 series of corporate bonds. Among the largest issuers during the quarter were banks and financing companies led by Bank Rakyat Indonesia, Sarana Multi Infrastruktur, and Indonesia Eximbank.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2019

Corporate Issuers	Coupon Rate (%)	Issued Amount (IDR billion)	Corporate Issuers	Coupon Rate (%)	Issued Amount (IDR billion)
Bank Rakyat Indonesia			Perusahaan Listrik Negara		
370-day bond	6.50	738	5-year bond	7.90	796
3-year bond	7.60	2,089	5-year <i>sukuk ijarah</i>	7.90	7
5-year bond	7.85	2,173	7-year bond	8.40	445
Sarana Multi Infrastruktur			7-year <i>sukuk ijarah</i>	8.40	10
370-day bond	6.75	655	10-year bond	8.60	6
3-year bond	7.75	728	10-year <i>sukuk ijarah</i>	8.60	92
5-year bond	7.85	481	15-year bond	9.40	166
7-year bond	8.30	945	15-year <i>sukuk ijarah</i>	9.40	135
Indonesia Eximbank			20-year bond	9.90	500
370-day bond	7.00	600	20-year <i>sukuk ijarah</i>	9.90	554
3-year bond	7.80	101	Kereta Api Indonesia		
3-year bond	7.50	88	5-year bond	7.75	900
5-year bond	8.10	26	7-year bond	8.20	1,100
5-year bond	7.90	1,551			
7-year bond	8.50	112			
7-year bond	8.20	23			
10-year bond	8.75	220			

IDR = Indonesian rupiah.

Note: *Sukuk ijarah* are Islamic bonds backed by a lease agreement.

Source: Indonesia Stock Exchange.

The 30 largest corporate bond issuers in Indonesia had aggregate bonds outstanding of IDR332.1 trillion, representing a 74.6% share of the corporate bond stock at the end of December. Leading the list were Indonesia Eximbank and Perusahaan Listrik Negara, both of which maintained their respective ranks from the previous quarter. Climbing to the third spot was Bank Rakyat Indonesia, which previously held the fourth spot. All three were state-owned firms that tapped the bond market for funding in Q4 2019.

Table 3: Top 30 Issuers of Local Currency Corporate Bonds in Indonesia

	Issuers	Outstanding Amount		State-Owned	Listed Company	Type of Industry
		LCY Bonds (IDR billion)	LCY Bonds (USD billion)			
1.	Indonesia Eximbank	37,252.5	2.69	Yes	No	Banking
2.	Perusahaan Listrik Negara	29,697.0	2.14	Yes	No	Energy
3.	Bank Rakyat Indonesia	25,025.5	1.80	Yes	Yes	Banking
4.	Sarana Multi Infrastruktur	22,105.5	1.59	Yes	No	Finance
5.	Bank Tabungan Negara	19,847.0	1.43	Yes	Yes	Banking
6.	Indosat	16,879.0	1.22	No	Yes	Telecommunications
7.	Sarana Multigriya Finansial	14,197.5	1.02	Yes	No	Finance
8.	Bank Mandiri	14,000.0	1.01	Yes	Yes	Banking
9.	Waskita Karya	13,707.0	0.99	Yes	Yes	Building Construction
10.	Bank Pan Indonesia	13,427.0	0.97	No	Yes	Banking
11.	Adira Dinamika Multifinance	11,051.2	0.80	No	Yes	Finance
12.	Bank CIMB Niaga	9,350.0	0.67	No	Yes	Banking
13.	Telekomunikasi Indonesia	8,995.0	0.65	Yes	Yes	Telecommunications
14.	Federal International Finance	8,976.5	0.65	No	No	Finance
15.	Permodalan Nasional Madani	8,189.0	0.59	Yes	No	Finance
16.	Pupuk Indonesia	7,945.0	0.57	Yes	No	Chemical Manufacturing
17.	Semen Indonesia	7,078.0	0.51	Yes	Yes	Cement Manufacturing
18.	Perum Pegadaian	6,851.0	0.49	Yes	No	Finance
19.	Astra Sedaya Finance	6,831.7	0.49	No	No	Finance
20.	Hutama Karya	6,825.0	0.49	Yes	No	Nonbuilding Construction
21.	Bank Maybank Indonesia	5,831.0	0.42	No	Yes	Banking
22.	Medco-Energi Internasional	5,332.2	0.38	No	Yes	Petroleum and Natural Gas
23.	Mandiri Tunas Finance	4,730.0	0.34	No	No	Finance
24.	Adhi Karya	4,526.5	0.33	Yes	Yes	Building Construction
25.	Bank Pembangunan Daerah Jawa Barat Dan Banten	4,500.0	0.32	Yes	Yes	Banking
26.	XL Axiata	4,476.0	0.32	No	Yes	Telecommunications
27.	Kereta Api	4,000.0	0.29	Yes	No	Transportation
28.	BFI Finance Indonesia	3,764.0	0.27	No	Yes	Finance
29.	Maybank Indonesia Finance	3,550.0	0.26	No	No	Finance
30.	Bank UOB Buana	3,188.0	0.23	No	No	Banking
Total Top 30 LCY Corporate Issuers		332,128.1	23.95			
Total LCY Corporate Bonds		445,101.4	32.10			
Top 30 as % of Total LCY Corporate Bonds		74.6%	74.6%			

IDR = Indonesian rupiah, LCY = local currency, USD = United States dollar.

Notes:

1. Data as of 31 December 2019.

2. State-owned firms are defined as those in which the government has more than a 50% ownership stake.

Source: *AsianBondsOnline* calculations based on Indonesia Stock Exchange data.

Republic of Korea

The Republic of Korea's local currency (LCY) bond market expanded 1.6% quarter-on-quarter (q-o-q) in the fourth quarter (Q4) of 2019 to reach a size of KRW2,407.6 trillion (USD2,083.0 billion) at the end of December. The increase was largely driven by growth in the corporate segment. LCY corporate bonds outstanding rose 2.7% q-o-q to KRW1,455.7 trillion on an issuance surge during the quarter. Meanwhile, outstanding government bonds fell 0.2% q-o-q to KRW951.9 trillion at the end of December due to a decline in the stock of central bank bonds. On a year-on-year basis, the Republic of Korea's LCY bond market expanded 7.6%.

Table 1: Size and Composition of the Local Currency Bond Market in the Republic of Korea

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2018		Q3 2019		Q4 2019		Q4 2018		Q4 2019	
	KRW	USD	KRW	USD	KRW	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	2,238,473	2,015	2,370,666	1,982	2,407,623	2,083	0.7	3.8	1.6	7.6
Government	913,966	823	953,854	797	951,912	824	(1.5)	3.5	(0.2)	4.2
Central Government Bonds	567,044	510	607,015	507	611,533	529	(2.1)	3.7	0.7	7.8
Central Bank Bonds	171,640	154	170,960	143	164,060	142	(1.7)	0.5	(4.0)	(4.4)
Others	175,282	158	175,879	147	176,319	153	0.4	6.1	0.3	0.6
Corporate	1,324,507	1,192	1,416,812	1,184	1,455,711	1,259	2.2	4.0	2.7	9.9

() = negative, KRW = Korean won, LCY = local currency, q-o-q = quarter-on-quarter, Q3 = third quarter, Q4 = fourth quarter, USD = United States dollar, y-o-y = year-on-year.

Notes:

1. Calculated using data from national sources.
2. Bloomberg LP end-of-period LCY-USD rates are used.
3. Growth rates are calculated from an LCY base and do not include currency effects.
4. "Others" comprise Korea Development Bank bonds, National Housing bonds, and Seoul Metro bonds.
5. Corporate bonds include equity-linked securities and derivatives-linked securities.

Sources: The Bank of Korea and EDAILY BondWeb.

Corporate bond issuance in the Republic of Korea surged 30.5% q-o-q in Q4 2019 to KRW157.6 trillion from KRW120.7 trillion in the previous quarter. Table 2 lists some of the notable LCY corporate bond issuances in the Republic of Korea in Q4 2019.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2019

Corporate Issuers	Coupon Rate (%)	Issued Amount (KRW billion)
POSCO Korea		
3-year bond	1.56	610
Shinhan Bank		
2-year bond	1.62	300
5-year bond	1.63	300
Nonghyup Bank		
2-year bond	2.00	340
KT Corporation		
3-year bond	1.55	340
National Agricultural Cooperative		
3-year bond	1.61	340
KEB Hana Bank		
10-year bond	2.42	300

KRW = Korean won.

Source: Based on data from Bloomberg LP.

The aggregate bonds outstanding of the top 30 LCY corporate bond issuers in the Republic of Korea reached KRW899.8 trillion at the end of Q4 2019, comprising 61.8% of total LCY corporate bonds outstanding.

Table 3: Top 30 Issuers of Local Currency Corporate Bonds in the Republic of Korea

Issuers	Outstanding Amount		State-Owned	Listed on		Type of Industry
	LCY Bonds (KRW billion)	LCY Bonds (USD billion)		KOSPI	KOSDAQ	
1. Korea Housing Finance Corporation	123,151.9	106.5	Yes	No	No	Housing Finance
2. Mirae Asset Daewoo	74,883.9	64.8	No	Yes	No	Securities
3. Korea Investment and Securities	67,042.9	58.0	No	No	No	Securities
4. Industrial Bank of Korea	59,170.0	51.2	Yes	Yes	No	Banking
5. KB Securities	54,635.9	47.3	No	No	No	Securities
6. NH Investment & Securities	51,385.9	44.5	Yes	Yes	No	Securities
7. Hana Financial Investment	47,488.9	41.1	No	No	No	Securities
8. Samsung Securities	34,795.7	30.1	No	Yes	No	Securities
9. Shinhan Bank	31,782.5	27.5	No	No	No	Banking
10. Korea Electric Power Corporation	28,450.0	24.6	Yes	Yes	No	Electricity, Energy, and Power
11. Korea Land & Housing Corporation	28,057.7	24.3	Yes	No	No	Real Estate
12. Korea Expressway	22,810.0	19.7	Yes	No	No	Transport Infrastructure
13. Woori Bank	20,070.0	17.4	Yes	Yes	No	Banking
14. Shinyoung Securities	19,648.9	17.0	No	Yes	No	Securities
15. Korea Rail Network Authority	18,900.0	16.4	Yes	No	No	Transport Infrastructure
16. KEB Hana Bank	18,320.0	15.8	No	No	No	Banking
17. Kookmin Bank	16,673.7	14.4	No	No	No	Banking
18. Shinhan Investment	16,376.0	14.2	No	No	No	Securities
19. The Export-Import Bank of Korea	16,085.0	13.9	Yes	No	No	Banking
20. Hanwha Investment and Securities	16,014.0	13.9	No	No	No	Securities
21. Hyundai Capital Services	15,206.0	13.2	No	No	No	Consumer Finance
22. Shinhan Card	14,945.0	12.9	No	No	No	Credit Card
23. NongHyup Bank	14,070.0	12.2	Yes	No	No	Banking
24. Korea Deposit Insurance Corporation	13,930.0	12.1	Yes	No	No	Insurance
25. Korea SMEs and Startups Agency	13,847.5	12.0	Yes	No	No	SME Development
26. KB Kookmin Bank Card	13,310.0	11.5	No	No	No	Consumer Finance
27. Standard Chartered Bank Korea	12,400.0	10.7	No	No	No	Banking
28. Meritz Securities	12,328.7	10.7	No	Yes	No	Securities
29. Korea Gas Corporation	12,098.6	10.5	Yes	Yes	No	Gas Utility
30. Nonghyup	11,910.0	10.3	Yes	No	No	Banking
Total Top 30 LCY Corporate Issuers	899,788.6	778.5				
Total LCY Corporate Bonds	1,455,711.0	1,259.4				
Top 30 as % of Total LCY Corporate Bonds	61.8%	61.8%				

KOSDAQ = Korean Securities Dealer Automated Quotations, KOSPI = Korea Composite Stock Price Index, KRW = Korean won, LCY = local currency, SME = small and medium-sized enterprise, USD = United States dollar.

Notes:

1. Data as of 31 December 2019.

2. State-owned firms are defined as those in which the government has more than a 50% ownership stake.

Sources: *AsianBondsOnline* calculations based on Bloomberg LP and *EDAILY BondWeb* data.

Malaysia

The local currency (LCY) bond market in Malaysia contracted 0.5% quarter-on-quarter (q-o-q) in the fourth quarter (Q4) of 2019, led by a decline in LCY government bonds, and expanded 6.0% year-on-year to reach MYR1,485.4 billion (USD363.1 billion) at the end of December. LCY government bonds outstanding fell to MYR773.2 billion on a 1.6% q-o-q decrease as central government and central bank bills outstanding contracted in Q4 2019. LCY corporate bonds outstanding amounted to MYR712.2 billion at the end of December on growth of 0.7% q-o-q. A total of MYR937.7 billion worth of *sukuk* (Islamic bonds) was outstanding at the end of 2019.

Table 1: Size and Composition of the Local Currency Bond Market in Malaysia

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2018		Q3 2019		Q4 2019		Q4 2018		Q4 2019	
	MYR	USD	MYR	USD	MYR	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	1,401	339	1,493	357	1,485	363	1.6	8.9	(0.5)	6.0
Government	739	179	786	188	773	189	1.9	9.8	(1.6)	4.7
Central Government Bonds	691	167	749	179	737	180	1.4	8.5	(1.5)	6.7
of which: <i>sukuk</i>	306	74	331	79	341	83	1.8	13.7	3.0	11.4
Central Bank Bills	19	5	10	2	9	2	23.9	161.2	(11.8)	(53.1)
of which: <i>sukuk</i>	4	0.9	4	0.8	1	0.2	23.3	-	(71.4)	(73.0)
<i>Sukuk Perumahan Kerajaan</i>	28	7	27	6	27	7	0.0	0.0	0.0	(5.6)
Corporate	662	160	707	169	712	174	1.3	8.0	0.7	7.6
of which: <i>sukuk</i>	504	122	559	133	569	139	2.2	9.7	1.8	12.7

(-) = negative, - = not applicable, LCY = local currency, MYR = Malaysian ringgit, q-o-q = quarter-on-quarter, Q3 = third quarter, Q4 = fourth quarter, USD = United States dollar, y-o-y = year-on-year.

Notes:

1. Calculated using data from national sources.

2. Bloomberg LP end-of-period LCY-USD rate is used.

3. Growth rates are calculated from an LCY base and do not include currency effects.

4. *Sukuk Perumahan Kerajaan* are Islamic bonds issued by the government to refinance funding for housing loans to government employees and to extend new housing loans.

Sources: Bank Negara Malaysia Fully Automated System for Issuing/Tendering and Bloomberg LP.

LCY corporate bond issuances jumped 2.6% q-o-q to MYR47.3 billion. Danainfra Nasional and Cagamas had the largest issuances in Q4 2019.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2019

Corporate Issuers	Coupon Rate (%)	Issued Amount (MYR billion)
Danainfra Nasional		
7-year Islamic MTN	3.53	0.7
10-year Islamic MTN	3.69	0.4
15-year Islamic MTN	3.93	0.9
20-year Islamic MTN	4.05	0.3
25-year Islamic MTN	4.17	0.3
30-year Islamic MTN	4.29	0.3
Cagamas		
3-year Islamic MTN	3.38	0.3
3-year Islamic MTN	3.38	0.3
3-year Islamic MTN	3.40	0.03
3-year Islamic MTN	3.45	0.1
5-year Islamic MTN	3.55	0.5
5-year Islamic MTN	3.60	0.4

MTN = medium-term note, MYR = Malaysian ringgit.

Source: Bank Negara Malaysia Bond Info Hub.

The outstanding LCY corporate bonds of the top 30 issuers amounted to MYR424.9 billion at the end of December, or 59.7% of total LCY corporate bonds outstanding. Government-owned Danainfra Nasional topped all issuers in 2019. It also led the finance sector to top all sectors with MYR219.7 billion of outstanding bonds, or 51.7% of the aggregate LCY corporate bonds of the top 30 issuers.

Table 3: Top 30 Issuers of Local Currency Corporate Bonds in Malaysia

	Issuers	Outstanding Amount		State-Owned	Listed Company	Type of Industry
		LCY Bonds (MYR billion)	LCY Bonds (USD billion)			
1.	Danainfra Nasional	63.8	15.6	Yes	No	Finance
2.	Cagamas	33.6	8.2	Yes	No	Finance
3.	Prasarana	30.4	7.4	Yes	No	Transport, Storage, and Communications
4.	Project Lebuhraya Usahasama	29.9	7.3	No	No	Transport, Storage, and Communications
5.	Urusharta Jamaah	27.6	6.7	Yes	No	Finance
6.	Lembaga Pembiayaan Perumahan Sektor Awam	22.5	5.5	Yes	No	Property and Real Estate
7.	Perbadanan Tabung Pendidikan Tinggi Nasional	21.6	5.3	Yes	No	Finance
8.	Pengurusan Air	18.0	4.4	Yes	No	Energy, Gas, and Water
9.	CIMB Bank	14.1	3.4	Yes	No	Finance
10.	Maybank Islamic	13.0	3.2	No	Yes	Banking
11.	Khazanah	12.5	3.1	Yes	No	Finance
12.	Maybank	11.6	2.8	No	Yes	Banking
13.	CIMB Group Holdings	11.2	2.7	Yes	No	Finance
14.	Sarawak Energy	11.1	2.7	Yes	No	Energy, Gas, and Water
15.	Danga Capital	10.0	2.4	Yes	No	Finance
16.	Jimah East Power	9.0	2.2	Yes	No	Energy, Gas, and Water
17.	Public Bank	7.9	1.9	No	No	Banking
18.	GENM Capital	7.6	1.9	No	No	Finance
19.	Bank Pembangunan Malaysia	7.2	1.8	Yes	No	Banking
20.	GOVCO Holdings	7.2	1.8	Yes	No	Finance
21.	Tenaga Nasional	7.0	1.7	No	Yes	Energy, Gas, and Water
22.	Bakun Hydro Power Generation	6.3	1.5	No	No	Energy, Gas, and Water
23.	YTL Power International	6.1	1.5	No	Yes	Energy, Gas, and Water
24.	Telekom Malaysia	5.8	1.4	No	Yes	Telecommunications
25.	Rantau Abang Capital	5.5	1.3	Yes	No	Finance
26.	Turus Pesawat	5.3	1.3	Yes	No	Transport, Storage, and Communications
27.	EDRA Energy	5.1	1.2	No	Yes	Energy, Gas, and Water
28.	1Malaysia Development	5.0	1.2	Yes	No	Finance
29.	Jambatan Kedua	4.6	1.1	Yes	No	Transport, Storage, and Communications
30.	Kuala Lumpur Kepong Berhad	4.6	1.1	No	Yes	Energy, Gas, and Water
Total Top 30 LCY Corporate Issuers		424.9	103.9			
Total LCY Corporate Bonds		712.2	174.1			
Top 30 as % of Total LCY Corporate Bonds		59.7%	59.7%			

Notes:

1. Data as of 31 December 2019.

2. State-owned firms are defined as those in which the government has more than a 50% ownership stake.

Source: AsianBondsOnline calculations based on Bank Negara Malaysia Fully Automated System for Issuing/Tendering data.

Philippines

The amount of local currency (LCY) bonds outstanding in the Philippine market fell 0.8% quarter-on-quarter (q-o-q) in the fourth quarter (Q4) of 2019 to PHP6,645.8 billion (USD131.2 billion) at the end of December, led by a decline in the outstanding stock of government bonds. LCY government bonds fell 2.1% q-o-q to PHP5,141.1 billion as both Treasury bills and Treasury bonds registered q-o-q declines in Q4 2019. Meanwhile, the Philippine LCY corporate bond market expanded 4.0% q-o-q to PHP1,504.7 billion due to higher issuance during the quarter. On a year-on-year basis, the Philippine LCY bond market grew 9.0%.

Table 1: Size and Composition of the Local Currency Bond Market in the Philippines

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2018		Q3 2019		Q4 2019		Q4 2018		Q4 2019	
	PHP	USD	PHP	USD	PHP	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	6,098	116	6,699	129	6,646	131	5.3	11.4	(0.8)	9.0
Government	4,783	91	5,253	101	5,141	101	4.1	7.4	(2.1)	7.5
Treasury Bills	494	9	553	11	486	10	12.6	57.2	(12.1)	(1.6)
Treasury Bonds	4,255	81	4,678	90	4,615	91	3.3	3.8	(1.3)	8.5
Others	34	1	22	0.4	40	1	(0.02)	(16.2)	83.4	18.3
Corporate	1,315	25	1,447	28	1,505	30	9.7	28.9	4.0	14.5

() = negative, LCY = local currency, PHP = Philippine peso, q-o-q = quarter-on-quarter, Q3 = third quarter, Q4 = fourth quarter, USD = United States dollar, y-o-y = year-on-year. Notes:

1. Calculated using data from national sources.

2. Bloomberg end-of-period LCY-USD rates are used.

3. Growth rates are calculated from an LCY base and do not include currency effects.

4. "Others" comprise bonds issued by government agencies, entities, and corporations for which repayment is guaranteed by the Government of the Philippines. This includes bonds issued by Power Sector Assets and Liabilities Management and the National Food Authority, among others.

Sources: Bloomberg LP and Bureau of the Treasury.

Corporate bond issuance in the Philippines surged 42.4% q-o-q to PHP106.4 billion in Q4 2019 from PHP74.7 billion in the previous quarter. Table 2 provides a list of LCY corporate bond issuances in the Philippines in Q4 2019.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2019

Corporate Issuers	Coupon Rate (%)	Issued Amount (PHP billion)	Corporate Issuers	Coupon Rate (%)	Issued Amount (PHP billion)
China Bank			Phoenix Petroleum		
1.5-year bond	5.70	30.00	1-year bond	-	3.50
Metrobank			Ayala Land		
2-year bond	5.50	11.30	5-year bond	4.76	3.00
BDO Unibank			SL Agritech		
5.5-year bond	4.00	6.50	0.25-year bond	-	0.20
Philippine Savings Bank			0.50-year bond	-	0.20
2-year bond	5.60	6.30	1-year bond	-	1.60
Security Bank			Alsons Consolidated		
5.5 year bond	4.00	6.06	0.25-year bond	-	0.20
Robinsons Bank			0.50-year bond	-	0.29
2-year bond	5.13	5.00	1-year bond	-	0.61

PHP = Philippine peso.

Source: Bloomberg LP.

LCY bonds outstanding among the top 30 corporate bonds issuers in the Philippines reached PHP1,327.1 billion at the end of Q4 2019, accounting for 88.2% of total LCY corporate bonds outstanding.

Table 3: Top 30 Issuers of Local Currency Corporate Bonds in the Philippines

	Issuers	Outstanding Amount		State-Owned	Listed Company	Type of Industry
		LCY Bonds (PHP billion)	LCY Bonds (USD billion)			
1.	Metropolitan Bank	128.3	2.5	No	Yes	Banking
2.	Ayala Land	105.0	2.1	No	Yes	Property
3.	SM Prime Holdings	103.7	2.0	No	Yes	Property
4.	BDO Unibank	91.3	1.8	No	Yes	Banking
5.	SMC Global Power	80.0	1.6	No	No	Electricity, Energy, and Power
6.	San Miguel	70.0	1.4	No	Yes	Holding Firms
7.	Philippine National Bank	59.2	1.2	No	Yes	Banking
8.	China Bank	56.2	1.1	No	Yes	Banking
9.	Security Bank	50.8	1.0	No	Yes	Banking
10.	Rizal Commercial Banking Corporation	48.7	1.0	No	Yes	Banking
11.	Vista Land	43.6	0.9	No	Yes	Property
12.	Petron	42.9	0.8	No	Yes	Electricity, Energy, and Power
13.	SM Investments	42.7	0.8	No	Yes	Holding Firms
14.	Ayala Corporation	40.0	0.8	No	Yes	Holding Firms
15.	Bank of the Philippine Islands	37.2	0.7	No	Yes	Banking
16.	Aboitiz Equity Ventures	37.0	0.7	No	Yes	Holding Firms
17.	Maynilad	33.0	0.7	No	No	Water
18.	Aboitiz Power	30.5	0.6	No	Yes	Electricity, Energy, and Power
19.	Union Bank of the Philippines	27.0	0.5	No	Yes	Banking
20.	Manila Electric Company	23.0	0.5	No	Yes	Electricity, Energy, and Power
21.	Filinvest Land	22.0	0.4	No	Yes	Property
22.	San Miguel Brewery	22.0	0.4	No	No	Brewery
23.	East West Banking	21.5	0.4	No	Yes	Banking
24.	Philippine Savings Bank	20.8	0.4	No	Yes	Banking
25.	GT Capital	19.0	0.4	No	Yes	Holding Firms
26.	Robinsons Bank	16.0	0.3	No	No	Banking
27.	Doubledragon	15.0	0.3	No	Yes	Property
28.	PLDT	15.0	0.3	No	Yes	Telecommunications
29.	NLEX Corporation	13.9	0.3	No	No	Transport
30.	Megaworld	12.0	0.2	No	Yes	Property
Total Top 30 LCY Corporate Issuers		1,327.1	26.2			
Total LCY Corporate Bonds		1,504.7	29.7			
Top 30 as % of Total LCY Corporate Bonds		88.2%	88.2%			

LCY = local currency, PHP = Philippine peso, USD = United States dollar.

Notes:

1. Data as of 31 December 2019.

2. State-owned firms are defined as those in which the government has more than a 50% ownership stake.

Source: *AsianBondsOnline* calculations based on Bloomberg LP data.

Singapore

The local currency (LCY) bond market of Singapore expanded 2.6% quarter-on-quarter (q-o-q) and 14.7% year-on-year in the fourth quarter (Q4) of 2019, reaching SGD457.1 billion (USD339.6 billion) at the end of December on the back of increases in both LCY government and corporate bonds. There was a total of SGD285.7 billion in LCY government bonds outstanding at the end of Q4 2019, corresponding to a 3.1% q-o-q increase, mainly due to a rise in Singapore Government Securities bonds. LCY corporate bonds outstanding amounted to SGD171.4 billion at the end of December on growth of 1.7% q-o-q.

Table 1: Size and Composition of the Local Currency Bond Market in Singapore

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2018		Q3 2019		Q4 2019		Q4 2018		Q4 2019	
	SGD	USD	SGD	USD	SGD	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	398	292	446	322	457	340	0.1	7.2	2.6	14.7
Government	244	179	277	200	286	212	1.5	10.2	3.1	16.9
SGS Bills and Bonds	125	92	163	118	183	136	2.1	7.7	12.4	46.3
MAS Bills	120	88	114	83	103	77	0.8	12.9	(10.0)	(13.8)
Corporate	154	113	169	122	171	127	(2.1)	2.7	1.7	11.3

() = negative, LCY = local currency, MAS = Monetary Authority of Singapore, q-o-q = quarter-on-quarter, Q3 = third quarter, Q4 = fourth quarter, SGD = Singapore dollar, SGS = Singapore Government Securities, USD = United States dollar, y-o-y = year-on-year.

Notes:

- Government bonds are calculated using data from national sources. Corporate bonds are based on *AsianBondsOnline* estimates.
- SGS bills and bonds do not include the special issue of SGS held by the Singapore Central Provident Fund.
- Bloomberg LP end-of-period LCY-USD rates are used.
- Growth rates are calculated from an LCY base and do not include currency effects.

Sources: Bloomberg LP, Monetary Authority of Singapore, and Singapore Government Securities.

LCY corporate bond issuances dropped 48.9% q-o-q to SGD2.8 billion in Q4 2019. The largest corporate issuance during the quarter came from the Housing & Development Board.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2019

Corporate Issuers	Coupon Rate (%)	Issued Amount (SGD million)
Housing & Development Board		
5-year bond	1.75	700
CapitalLand Treasury		
Perpetual bond	3.65	500
Singapore Press Holdings		
Perpetual bond	4.00	300
Mapletree Commercial Trust		
10-year bond	3.05	250
Hotel Properties		
Perpetual bond	4.40	160
Hongkong Land Treasury		
20-year bond	3.45	150
GSH Corporation		
3-year bond	5.20	50

SGD = Singapore dollar.

Source: Bloomberg LP.

The outstanding LCY corporate bonds of the top 30 issuers amounted to SGD82.7 billion at the end of December, or 48.3% of total LCY corporate bonds outstanding. The government's Housing & Development Board topped all issuers at the end of 2019. It also led the real estate sector to top all sectors with SGD35.3 billion of outstanding bonds at the end of Q4 2019, or 42.7% of the aggregate LCY corporate bonds of the top 30 issuers.

Table 3: Top 30 Issuers of Local Currency Corporate Bonds in Singapore

	Issuers	Outstanding Amount		State-Owned	Listed Company	Type of Industry
		LCY Bonds (SGD billion)	LCY Bonds (USD billion)			
1.	Housing & Development Board	23.7	17.6	Yes	No	Real Estate
2.	Land Transport Authority	10.4	7.7	Yes	No	Transportation
3.	Singapore Airlines	4.4	3.3	Yes	Yes	Transportation
4.	Frasers Property	4.0	3.0	No	Yes	Real Estate
5.	Temasek Financial	3.6	2.7	Yes	No	Finance
6.	United Overseas Bank	3.3	2.4	No	Yes	Banking
7.	Mapletree Treasury Services	2.7	2.0	No	No	Finance
8.	CapitaLand Treasury	2.7	2.0	No	No	Finance
9.	DBS Group Holdings	2.5	1.9	No	Yes	Banking
10.	Keppel Corporation	2.4	1.8	No	Yes	Diversified
11.	Sembcorp Financial Services	2.4	1.7	No	No	Engineering
12.	CapitaLand	1.8	1.4	Yes	Yes	Real Estate
13.	Oversea-Chinese Banking Corporation	1.5	1.1	No	Yes	Banking
14.	City Developments Limited	1.5	1.1	No	Yes	Real Estate
15.	CMT MTN	1.4	1.0	No	No	Finance
16.	SP Powerassets	1.3	1.0	No	No	Utilities
17.	Public Utilities Board	1.3	1.0	Yes	No	Utilities
18.	GLL IHT	1.2	0.9	No	No	Real Estate
19.	Singtel Group Treasury	1.2	0.9	No	No	Finance
20.	Shangri-La Hotel	1.1	0.8	No	Yes	Real Estate
21.	Mapletree Commercial Trust	1.1	0.8	No	Yes	Real Estate
22.	Suntec REIT	0.9	0.7	No	Yes	Real Estate
23.	Hyflux	0.9	0.7	No	Yes	Utilities
24.	Ascendas	0.9	0.7	No	Yes	Finance
25.	Olam International	0.8	0.6	No	Yes	Consumer Goods
26.	SMRT Capital	0.8	0.6	No	No	Transportation
27.	DBS Bank	0.8	0.6	No	Yes	Banking
28.	Sembcorp Industries	0.8	0.6	No	Yes	Shipbuilding
29.	Singapore Technologies Telemedia	0.8	0.6	Yes	No	Utilities
30.	National University of Singapore	0.8	0.6	No	No	Education
Total Top 30 LCY Corporate Issuers		82.7	61.5			
Total LCY Corporate Bonds		171.4	127.3			
Top 30 as % of Total LCY Corporate Bonds		48.3%	48.3%			

LCY = local currency, MTN = medium term note, REIT = Real Estate Investment Trust, SGD = Singapore dollar, USD = United States dollar.

Notes:

1. Data as of 31 December 2019.

2. State-owned firms are defined as those in which the government has more than a 50% ownership stake.

Source: AsianBondsOnline calculations based on Bloomberg LP data.

Thailand

Total local currency (LCY) bonds outstanding in Thailand rose 2.2% quarter-on-quarter (q-o-q) and 6.4% year-on-year (y-o-y), reaching THB13,236.3 billion (USD445.6 billion) at the end of the fourth quarter (Q4) of 2019. Both the government and corporate segments posted stronger q-o-q growth in Q4 2019 than in the previous quarter. The 2.5% q-o-q growth in government bonds outstanding in Q4 2019 reversed the 1.1% q-o-q decline posted in the previous quarter. All components of the government bond sector posted positive q-o-q growth, with state-owned enterprise bonds and other bonds expanding the most at 4.7% q-o-q. Government bonds comprised 71.4% of total LCY bonds outstanding at the end of December 2019. The expansion of LCY corporate bonds outstanding accelerated to 1.6% q-o-q in Q4 2019 from 0.2% q-o-q in the previous quarter.

Table 1: Size and Composition of the Local Currency Bond Market in Thailand

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2018		Q3 2019		Q4 2019		Q4 2018		Q4 2019	
	THB	USD	THB	USD	THB	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	12,445	385	12,946	423	13,236	446	2.5	10.3	2.2	6.4
Government	8,986	278	9,220	301	9,451	318	3.3	9.6	2.5	5.2
Government Bonds and Treasury Bills	4,738	147	4,827	158	4,940	166	2.7	9.3	2.3	4.3
Central Bank Bonds	3,477	108	3,636	119	3,718	125	4.6	14.3	2.3	6.9
State-Owned Enterprise and Other Bonds	771	24	757	25	793	27	1.2	(5.9)	4.7	2.8
Corporate	3,459	107	3,726	122	3,786	127	0.5	12.2	1.6	9.4

(-) = negative, LCY = local currency, q-o-q = quarter-on-quarter, Q3 = third quarter, Q4 = fourth quarter, THB = Thai baht, USD = United States dollar, y-o-y = year-on-year.

Notes:

1. Calculated using data from national sources.
2. Bloomberg end-of-period LCY-USD rates are used.
3. Growth rates are calculated from an LCY base and do not include currency effects.

Source: Bank of Thailand.

Table 2 shows the notable corporate bond issuances in Q4 2019. Global Power Synergy, an energy and utilities firm, was the largest issuer with total issuance amounting to THB35.0 billion from six tranches of bonds with tenors ranging from 3 years to 15 years and carrying coupons ranging from 1.97% to 3.25%. The quarter saw four issuances of perpetual corporate bonds, all with a 5.0% coupon. From their issuances of perpetual bonds, Indorama Ventures, Thai Union Group, Bangchak, and B Grimm Power raised THB15.0 billion, THB6.0 billion, THB10.0 billion, and THB8.0, respectively.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2019

Corporate Issuers	Coupon Rate (%)	Issued Amount (THB billion)	Corporate Issuers	Coupon Rate (%)	Issued Amount (THB billion)
Global Power Synergy			Thai Union Group		
3-year bonds	1.97	2.0	7-year bonds	2.78	2.0
5-year bonds	2.24	5.0	10-year bonds	3.00	4.0
7-year bonds	2.52	6.0	Perpetual bonds	5.00	6.0
10-year bonds	2.86	8.0	Bank of Ayudhya		
12-year bonds	3.15	7.5	2-year bonds	1.72	7.0
15-year bonds	3.25	6.5	3-year bonds	1.80	5.0
True Move H Universal Communications			Siam Cement		
3-year bonds	3.50	6.8	4-year bonds	3.00	10.0
4.25-year bonds	4.10	4.2	Bangchak		
5.5-year bonds	4.70	18.5	Perpetual bonds	5.00	10.0
Indorama Ventures			B Grimm Power		
Perpetual bonds	5.00	15.0	Perpetual bonds	5.00	8.0

THB = Thai baht.

Source: Bloomberg LP.

The aggregate LCY bonds outstanding of the top 30 corporate issuers in Thailand amounted to THB2,135.5 billion at the end of December, comprising 56.4% of the LCY corporate bond market. Food and beverage firms held the largest share of outstanding corporate bonds with an aggregate amount of THB416.9 billion. A majority of the firms among the top 30 were listed on the Stock Exchange of Thailand, while only five were state-owned. Thai Beverage topped the list with THB180.0 billion of LCY corporate bonds outstanding.

Table 3: Top 30 Issuers of Local Currency Corporate Bonds in Thailand

	Issuers	Outstanding Amount		State-Owned	Listed Company	Type of Industry
		LCY Bonds (THB billion)	LCY Bonds (USD billion)			
1.	Thai Beverage	180.0	6.1	No	No	Food and Beverage
2.	Siam Cement	175.0	5.9	Yes	Yes	Construction Materials
3.	CP ALL	152.9	5.1	No	Yes	Commerce
4.	Bank of Ayudhya	136.8	4.6	No	Yes	Banking
5.	True Move H Universal Communication	123.0	4.1	No	No	Communications
6.	Berli Jucker	121.8	4.1	No	Yes	Commerce
7.	Charoen Pokphand Foods	101.0	3.4	No	Yes	Food and Beverage
8.	Toyota Leasing Thailand	86.6	2.9	No	No	Finance and Securities
9.	PTT	84.7	2.9	Yes	Yes	Energy and Utilities
10.	True Corp	82.8	2.8	No	No	Communications
11.	Thai Airways International	74.1	2.5	Yes	Yes	Transportation and Logistics
12.	Minor International	66.0	2.2	No	Yes	Hospitality and Leisure
13.	Indorama Ventures	63.9	2.2	No	Yes	Petrochemicals and Chemicals
14.	CPF Thailand	61.0	2.1	No	No	Food and Beverage
15.	Banpu	48.9	1.6	No	Yes	Energy and Utilities
16.	Krungthai Card	46.2	1.6	Yes	Yes	Banking
17.	Bangkok Commercial Asset Management	45.0	1.5	No	Yes	Finance and Securities
18.	Krung Thai Bank	44.0	1.5	Yes	Yes	Banking
19.	PTT Global Chemical	42.6	1.4	No	Yes	Petrochemicals and Chemicals
20.	Global Power Synergy	40.0	1.3	No	Yes	Energy and Utilities
21.	Land & Houses	39.2	1.3	No	Yes	Property and Construction
22.	Mitr Phol Sugar Corp	38.4	1.3	No	No	Food and Beverage
23.	Bangkok Expressway and Metro	38.2	1.3	No	Yes	Transportation and Logistics
24.	TPI Polene	37.9	1.3	No	Yes	Property and Construction
25.	Thai Union Group	36.6	1.2	No	Yes	Food and Beverage
26.	TMB Bank	35.4	1.2	No	Yes	Finance and Securities
27.	Muangthai Capital	35.3	1.2	No	Yes	Finance and Securities
28.	Total Access Communication	33.0	1.1	No	Yes	Communications
29.	CH Karnchang	32.9	1.1	No	Yes	Property and Construction
30.	Advanced Info Service	32.4	1.1	No	Yes	Communications
Total Top 30 LCY Corporate Issuers		2,135.5	71.9			
Total LCY Corporate Bonds		3,785.7	127.4			
Top 30 as % of Total LCY Corporate Bonds		56.4%	56.4%			

LCY = local currency, THB = Thai baht, USD = United States dollar.

Notes:

1. Data as of 31 December 2019.

2. State-owned firms are defined as those in which the government has more than a 50% ownership stake.

Source: *AsianBondsOnline* calculations based on Bloomberg LP data.

Viet Nam

The size of Viet Nam's local currency (LCY) bond market slipped to VND1,241.1 trillion (USD53.6 billion) at the end of December, down 3.9% quarter-on-quarter (q-o-q) but up 4.1% year-on-year. The q-o-q decline was driven largely by the maturation of all outstanding central bank bills during the fourth quarter (Q4) of 2019.

Table 1: Size and Composition of the Local Currency Bond Market in Viet Nam

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2018		Q3 2019		Q4 2019		Q4 2018		Q4 2019	
	VND	USD	VND	USD	VND	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	1,192,004	51	1,291,992	56	1,241,064	54	(4.9)	10.4	(3.9)	4.1
Government	1,082,140	47	1,186,748	51	1,141,009	49	(6.1)	7.9	(3.9)	5.4
Treasury Bonds	898,393	39	955,061	41	978,904	42	0.2	12.8	2.5	9.0
Central Bank Bonds	0	0	71,997	3	0	0	(100.0)	(100.0)	(100.0)	-
State-Owned Enterprise Bonds	183,748	8	159,690	7	162,105	7	1.4	(3.3)	1.5	(11.8)
Corporate	109,863	5	105,244	5	100,055	4	8.8	43.1	(4.9)	(8.9)

(-) = negative, - = not applicable, LCY = local currency, q-o-q = quarter-on-quarter, Q3 = third quarter, Q4 = fourth quarter, USD = United States dollar, VND = Vietnamese dong, y-o-y = year-on-year.

Notes:

1. Bloomberg LP end-of-period LCY-USD rates are used.

2. Growth rates are calculated from an LCY base and do not include currency effects.

Sources: Bloomberg LP and Vietnam Bond Market Association.

New LCY corporate debt issuance totaled VND1.7 trillion in Q4 2019 on declines of 44.8% q-o-q and 86.3% year-on-year. The largest new corporate bond issue during the quarter came from Asia Commercial Joint Stock Bank via a VND1.5 trillion 5-year bond.

Table 2: Local Currency Corporate Bond Issuance in the Fourth Quarter of 2019

Corporate Issuer	Coupon Rate (%)	Issued Amount (VND billion)
Asia Commercial Joint Stock Bank		
5-year bond	7.10	1,500.00
Nui Phao Mining		
3-year bond	10.00	210.00
Vietnam Electric Equipment		
10-year bond	6.95	1.15

VND = Vietnamese dong.

Source: Bloomberg LP.

Viet Nam's 31 largest LCY corporate bond issuers had aggregate bonds outstanding of VND97.7 trillion at the end of December, accounting for a 97.7% share of the corporate bond stock. Vinhomes, a real estate services firm, continued to hold the top post at the end of Q4 2019 with outstanding bonds of VND12.5 trillion.

Table 3: Top 31 Issuers of Local Currency Corporate Bonds in Viet Nam

	Issuers	Outstanding Amount		State-Owned	Listed Company	Type of Industry
		LCY Bonds (THB billion)	LCY Bonds (USD billion)			
1.	Vinhomes	12,500	0.54	No	Yes	Real Estate
2.	Masan Consumer Holdings	11,100	0.48	No	No	Diversified Operations
3.	Asia Commercial Joint Stock Bank	8,300	0.36	No	No	Banking
4.	Vietnam Joint Stock Commercial Bank for Industry and Trade	8,200	0.35	Yes	Yes	Banking
5.	Vingroup	8,100	0.35	No	Yes	Real Estate
6.	Vinpearl	7,500	0.32	No	No	Hotel Operator
7.	Lien Viet Post Joint Stock Commercial Bank	3,100	0.13	No	Yes	Banking
8.	Bank for Investment and Development of Vietnam	3,050	0.13	Yes	Yes	Banking
9.	Hoang Anh Gia Lai	3,000	0.13	No	Yes	Real Estate
10.	Vietnam Technological and Commercial Joint Stock Bank	3,000	0.13	No	No	Banking
11.	Sai Dong Urban Investment and Development	2,600	0.11	No	No	Real Estate
12.	Ho Chi Minh City Infrastructure Investment	2,470	0.11	No	Yes	Infrastructure
13.	Hoan My Medical	2,330	0.10	No	No	Healthcare Services
14.	Refrigeration Electrical	2,318	0.10	No	Yes	Manufacturing
15.	Vietnam International Commercial Bank	2,203	0.10	No	Yes	Agriculture
16.	Agro Nutrition International	2,000	0.09	No	No	Agriculture
17.	Joint Stock Commercial Bank for Foreign Trade of Vietnam	2,000	0.09	Yes	Yes	Banking
18.	Nui Phao Mining	1,710	0.07	No	No	Mining
19.	Masan Group	1,500	0.06	No	Yes	Finance
20.	Masan Resources	1,500	0.06	No	Yes	Mining
21.	Saigon-Hanoi Securities	1,150	0.05	No	Yes	Finance
22.	SSI Securities	1,150	0.05	No	Yes	Finance
23.	Mobile World Investment	1,135	0.05	No	Yes	Manufacturing
24.	Pan Group	1,135	0.05	No	Yes	Consumer Services
25.	TTC Education Joint Stock Company	951	0.04	No	No	Education Services
26.	Sai Gon Thuong Tin Real Estate	870	0.04	No	Yes	Real Estate
27.	Vietnam Bank for Agriculture and Rural Development	760	0.03	Yes	No	Banking
28.	Nam Long Investment	660	0.03	No	Yes	Real Estate
29.	Khang Dien House Trading	534	0.02	No	Yes	Real Estate
30.	An Phat Bioplastics	450	0.02	No	Yes	Manufacturing
31.	Cuu Long Pharmaceutical	450	0.02	No	Yes	Manufacturing
Total Top 31 LCY Corporate Issuers		97,725.9	4.22			
Total LCY Corporate Bonds		100,055.0	4.32			
Top 31 as % of Total LCY Corporate Bonds		97.7%	97.7%			

LCY = local currency, USD = United States dollar, VND = Vietnamese dong.

Notes:

1. Data as of 31 December 2019.

2. State-owned firms are defined as those in which the government has more than a 50% ownership stake.

Source: *AsianBondsOnline* calculations based on Bloomberg LP data.