

Market Summaries

People's Republic of China

Local currency (LCY) bonds outstanding in the People's Republic of China (PRC) grew 2.9% quarter-on-quarter (q-o-q) and 14.3% year-on-year (y-o-y) to reach CNY65.0 trillion (USD9.5 trillion) at the end of December. The gains in the fourth quarter (Q4) of 2018 mostly came from a rise in corporate bonds, which grew 5.3% q-o-q and 14.6% y-o-y. Government bond growth in Q4 2018 slowed to 2.1% q-o-q from 6.3% q-o-q in the previous quarter as local governments had already met 80% of their issuance target for special bonds by the end of September.

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

	Outstanding Amount (billion)						Growth Rates (%)			
	Q4 2017		Q3 2018		Q4 2018		Q4 2017		Q4 2018	
	CNY	USD	CNY	USD	CNY	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	56,866	8,739	63,160	9,195	65,019	9,453	4.0	14.9	2.9	14.3
Government	41,167	6,327	46,072	6,707	47,029	6,837	4.4	19.2	2.1	14.2
Treasury Bonds	27,712	4,259	31,888	4,642	32,512	4,727	5.2	25.2	1.96	17.3
Central Bank Bonds	0	0	0	0	0	0	-	(100.0)	-	-
Policy Bank Bonds	13,454	2,068	14,184	2,065	14,517	2,110	2.7	8.5	2.3	7.9
Corporate	15,700	2,413	17,088	2,488	17,990	2,615	2.9	4.9	5.3	14.6
Policy Bank Bonds										
China Development Bank	7,540	1,159	7,979	1,162	8,147	1,184	2.9	6.5	2.1	8.0
Export-Import Bank of China	2,296	353	2,299	335	2,397	348	0.7	7.7	4.3	4.4
Agricultural Devt. Bank of China	3,617	556	3,907	569	3,973	578	3.7	13.6	1.7	9.8

() = 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 2018 reached CNY2.2 trillion, up 11.9% q-o-q as market sentiment improved amid a possible slowdown in the Federal Reserve's monetary policy tightening.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2018

Corporate Issuers	Coupon Rate (%)	Issued Amount (CNY billion)
Industrial and Commercial Bank		
3-year bond	3.89	30
3-year bond	3.99	30
China Minsheng Banking Corporation		
3-year bond	3.83	40
3-year bond	3.76	20
Bank of China		
10-year bond	4.84	40
China Construction Bank		
10-year bond	4.7	40
Ping An Bank		
3-year bond	3.79	35

CNY = Chinese yuan.

Source: Bloomberg LP.

LCY corporate bonds outstanding among the top 30 corporate bond issuers in the PRC reached CNY7.3 trillion at the end of December, accounting for 40.8% of the total LCY corporate bond market. The largest issuer remained China Railway, with CNY1.8 trillion of 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	1,770.5	257.4	Yes	No	Transportation
2.	Bank of China	399.3	58.0	Yes	Yes	Banking
3.	Agricultural Bank of China	358.1	52.1	Yes	Yes	Banking
4.	Industrial and Commercial Bank of China	356.8	51.9	Yes	Yes	Banking
5.	China Construction Bank	355.1	51.6	Yes	Yes	Banking
6.	State Grid Corporation of China	310.7	45.2	Yes	No	Public Utilities
7.	China National Petroleum	310.0	45.1	Yes	No	Energy
8.	Central Huijin Investment	288.0	41.9	Yes	No	Asset Management
9.	Bank of Communications	265.8	38.6	No	Yes	Banking
10.	China Minsheng Banking	245.1	35.6	No	Yes	Banking
11.	Shanghai Pudong Development Bank	230.7	33.5	No	Yes	Banking
12.	China CITIC Bank	227.6	33.1	No	Yes	Banking
13.	Industrial Bank	215.2	31.3	No	Yes	Banking
14.	China Everbright Bank	176.3	25.6	Yes	Yes	Banking
15.	State Power Investment	157.2	22.9	Yes	No	Energy
16.	Tianjin Infrastructure Construction and Investment	150.8	21.9	Yes	No	Industrial
17.	Huaxia Bank	148.4	21.6	Yes	No	Banking
18.	China Merchants Bank	143.9	20.9	Yes	Yes	Banking
19.	CITIC Securities	134.3	19.5	Yes	Yes	Brokerage
20.	Bank of Beijing	113.0	16.4	Yes	Yes	Banking
21.	China Datang	108.5	15.8	Yes	No	Energy
22.	Datong Coal Mine	100.8	14.7	Yes	No	Coal
23.	Ping An Bank	100.7	14.6	No	Yes	Banking
24.	China Southern Power Grid	100.0	14.5	Yes	No	Energy
25.	China Cinda Asset Management	100.0	14.5	Yes	Yes	Asset Management
26.	China Merchants Securities	96.6	14.0	Yes	Yes	Brokerage
27.	PetroChina	95.0	13.8	Yes	Yes	Energy
28.	Dalian Wanda Commercial Properties	93.0	13.5	No	Yes	Real Estate
29.	China Three Gorges	92.0	13.4	Yes	No	Public Utilities
30.	Shaanxi Coal and Chemical Industry	90.5	13.2	Yes	Yes	Coal
Total Top 30 LCY Corporate Issuers		7,333.7	1,066.2			
Total LCY Corporate Bonds		17,990.2	2,615.4			
Top 30 as % of Total LCY Corporate Bonds		40.8%	40.8%			

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

Notes:

1. Data as of end-December 2018.

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

Local currency (LCY) bonds outstanding in Hong Kong, China amounted to HKD1,950 billion (USD249 billion) at the end of the fourth quarter (Q4) of 2018, growing 1.8% quarter-on-quarter (q-o-q) and 2.3% year-on-year, driven by growth in both corporate and government bond segments. Corporate bonds grew 2.7% q-o-q and 3.7% y-o-y. Government bonds marginally grew 1.2% q-o-q and 1.3% y-o-y, mainly due to a decline of 5.3% q-o-q and 14.8% y-o-y in Exchange Fund Notes which more than offset growth in Hong Kong Special Administrative Region Bonds and Exchange Fund Bills.

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

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2017		Q3 2018		Q4 2018		Q4 2017		Q4 2018	
	HKD	USD	HKD	USD	HKD	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	1,907	244	1,915	245	1,950	249	1.1	4.1	1.8	2.3
Government	1,153	148	1,154	147	1,169	149	3.3	8.4	1.2	1.3
Exchange Fund Bills	1,011	129	1,024	131	1,031	132	3.8	10.5	0.6	2.0
Exchange Fund Notes	38	5	34	4	32	4	(7.4)	(21.6)	(5.3)	(14.8)
HKSAR Bonds	105	13	96	12	106	14	3.4	3.5	9.8	1.0
Corporate	754	96	761	97	782	100	(2.2)	(1.8)	2.7	3.7

(-) = 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 2018, state-owned Hong Kong Mortgage Corporation remained the leader with aggregate issuance of HKD3.1 billion from 10 issuances, the largest of which was a zero-coupon, 3-month bond worth HKD800 million. Hong Kong Land, a real estate company, was next with three issuances, the largest of which was a 15-year bond worth HKD700 million and carrying a 4.12% coupon. Other top issuers were South Sea Petroleum Holdings (energy), Sun Hung Kai & Co. (finance), and Hysan Development (real estate), each with one long-term bond issuance during the quarter.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2018

Corporate Issuers	Coupon Rate (%)	Issued Amount (HKD billion)
Hong Kong Mortgage Corporation		
3-month bond	1.90	0.80
3-month bond	0.00	0.66
6-month bond	0.00	0.35
6-month bond	0.00	0.30
Hong Kong Land		
10-year bond	3.75	0.36
10-year bond	3.83	0.45
15-year bond	4.12	0.70
South Sea Petroleum Holdings		
9.4-year bond	0.00	0.60
Sun Hung Kai & Co.		
10-year bond	3.88	0.51
Hysan Development		
7-year bond	3.66	0.30

HKD = Hong Kong dollar.
Source: Bloomberg LP.

The amount of LCY bonds outstanding of the top 30 nonbank corporations reached HKD203.3 billion at the end of December, accounting for 26% of the total corporate bond market. State-owned Hong Kong Mortgage Corporation, the leading issuer since the beginning of the year, remained in the top spot with outstanding bonds of HKD28.8 billion. Sun Hung Kai & Co. was a distant second with outstanding bonds of HKD14.3 billion, followed by MTR Corporation, another government-owned company, at HKD12.2 billion. Real estate and financing firms dominated the top 30 list in Q4 2018. Two-thirds of the firms on top 30 are listed on the Hong Kong Stock Exchange and four are state-owned corporations.

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	28.8	3.7	Yes	No	Finance
2.	Sun Hung Kai & Co.	14.3	1.8	No	Yes	Finance
3.	MTR Corporation	12.2	1.6	Yes	Yes	Transportation
4.	The Hong Kong and China Gas	11.6	1.5	No	Yes	Utilities
5.	Hong Kong Land	11.2	1.4	No	No	Real Estate
6.	Haitong International Securities	9.9	1.3	No	Yes	Finance
7.	New World Development	9.4	1.2	No	Yes	Diversified
8.	CLP Power Hong Kong Financing	8.8	1.1	No	No	Finance
9.	The Wharf (Holdings)	8.6	1.1	No	Yes	Finance
10.	Swire Pacific	7.6	1.0	No	Yes	Diversified
11.	Henderson Land Development	7.5	1.0	No	No	Real Estate
12.	Link Holdings	7.4	1.0	No	No	Finance
13.	CK Asset Holdings	6.2	0.8	No	Yes	Real Estate
14.	Swire Properties	5.9	0.8	No	Yes	Real Estate
15.	Hongkong Electric	5.8	0.7	No	No	Utilities
16.	China Merchants Port Holdings	5.7	0.7	No	Yes	Transportation
17.	Hang Lung Properties	4.6	0.6	No	Yes	Real Estate
18.	AIA Group	3.9	0.5	No	Yes	Insurance
19.	IFC Development Corporation	3.5	0.4	No	No	Finance
20.	Kowloon-Canton Railway	3.4	0.4	Yes	No	Transportation
21.	LT Commercial Real Estate	3.0	0.4	No	Yes	Real Estate
22.	Urban Renewal Authority	2.8	0.4	Yes	No	Real Estate
23.	Emperor International Holdings	2.6	0.3	No	Yes	Real Estate
24.	Wharf Real Estate Investment	2.6	0.3	No	Yes	Real Estate
25.	Champion REIT	2.5	0.3	No	Yes	Real Estate
26.	Hysan Development	2.5	0.3	No	Yes	Real Estate
27.	China Dynamics (Holdings)	2.4	0.3	No	Yes	Diversified
28.	ASM Pacific Technology	2.3	0.3	No	Yes	Technology
29.	The 13 Holdings	2.2	0.3	No	Yes	Industrial
30.	CK Hutchison Holdings	2.0	0.3	No	Yes	Diversified
30.	Gluon Xima International	2.0	0.3	No	No	Real Estate
Total Top 30 Nonbank LCY Corporate Issuers		203.3	26.0			
Total LCY Corporate Bonds		781.8	99.8			
Top 30 as % of Total LCY Corporate Bonds		26.0%	26.0%			

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

Notes:

1. Data as of end-December 2018.

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 local currency (LCY) bond market in Indonesia reached a size of IDR2,838 trillion (USD197 billion) at the end of December, up 2.7% quarter-on-quarter (q-o-q) and 13.7% year-on-year (y-o-y). Growth, however, eased from the 5.9% q-o-q and 13.9% y-o-y expansions posted in the third quarter of 2018. Central government bonds drove much of the growth, despite four auctions being canceled in the fourth quarter (Q4) of 2018 as the government had fulfilled its borrowing requirements and there was a smaller-than-expected budget deficit.

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

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2017		Q3 2018		Q4 2018		Q4 2017		Q4 2018	
	IDR	USD	IDR	USD	IDR	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	2,497,112	184	2,764,341	185	2,838,177	197	2.9	14.0	2.7	13.7
Government	2,109,783	156	2,345,354	157	2,426,320	169	2.1	12.3	3.5	15.0
Central Govt. Bonds	2,099,766	155	2,306,641	155	2,368,451	165	2.6	18.4	2.7	12.8
of which: <i>Sukuk</i>	342,989	25	378,115	25	392,985	27	4.2	39.6	3.9	14.6
Central Bank Bills	10,017	0.7	38,713	3	57,869	4	(48.3)	(90.5)	49.5	477.7
of which: <i>Sukuk</i>	10,017	0.7	10,642	0.7	10,043	0.7	(20.7)	(7.1)	(5.6)	0.3
Corporate	387,330	29	418,987	28	411,857	29	7.7	24.3	(1.7)	6.3
of which: <i>Sukuk</i>	15,387	1	16,382	1	21,298	1	10.2	32.9	30.0	38.4

(-) = 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 IDR234.0 trillion.

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

The volume of new corporate debt issuance in Q4 2018 declined to IDR13.6 trillion, down 59.3% q-o-q and 73.3% y-o-y. A total of 14 firms tapped the debt market for funding in Q4 2018, issuing a total of 56 new bond series during the quarter. Of which, 17 series were structured as *sukuk* (Islamic bonds).

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2018

Corporate Issuers	Coupon Rate (%)	Issued Amount (IDR billion)	Corporate Issuers	Coupon Rate (%)	Issued Amount (IDR billion)
Lontar Papyrus			Indonesia Eximbank		
3-year <i>sukuk mudharabah</i>	10.00	500	370-day bond	8.25	515
5-year <i>sukuk mudharabah</i>	11.00	2,000	370-day <i>sukuk mudharabah</i>	8.25	212
XL Axiata			3-year bond	8.75	81
370-day bond	8.25	328	3-year <i>sukuk mudharabah</i>	8.75	250
370-day <i>sukuk ijarah</i>	8.25	358	5-year bond	9.25	28
3-year bond	9.10	450	5-year <i>sukuk mudharabah</i>	9.25	14
3-year <i>sukuk ijarah</i>	9.10	399	7-year bond	9.75	380
5-year bond	9.60	131	7-year <i>sukuk mudharabah</i>	9.75	155
5-year <i>sukuk ijarah</i>	9.60	149			
7-year bond	10.10	19			
7-year <i>sukuk ijarah</i>	10.10	34			
10-year bond	10.30	72			
10-year <i>sukuk ijarah</i>	10.30	60			

IDR = Indonesian rupiah.

Notes:

1. *Sukuk mudharabah* are Islamic bonds backed by a profit-sharing scheme from a business venture or partnership.

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

Source: Indonesia Stock Exchange.

The aggregate outstanding bonds of the 30 largest corporate debt issuers in Indonesia totaled IDR303.2 trillion, accounting for a 73.6% share of the corporate bond stock at the end of December. The three largest corporate bond issuers each maintained their respective ranking from the previous quarter.

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	35,151.9	2.4	Yes	No	Banking
2.	Bank Rakyat Indonesia	24,445.0	1.7	Yes	Yes	Banking
3.	Perusahaan Listrik Negara	19,527.0	1.4	Yes	No	Energy
4.	Bank Tabungan Negara	17,050.0	1.2	Yes	Yes	Banking
5.	Indosat	16,081.0	1.1	No	Yes	Telecommunications
6.	Bank Pan Indonesia	15,427.0	1.1	No	Yes	Banking
7.	Sarana Multi Infrastruktur	14,245.3	1.0	Yes	No	Finance
8.	Bank Mandiri	14,000.0	1.0	Yes	Yes	Banking
9.	Waskita Karya	13,861.3	1.0	Yes	Yes	Building Construction
10.	Federal International Finance	11,111.4	0.8	No	No	Finance
11.	Adira Dinamika Multifinance	10,207.0	0.7	No	Yes	Finance
12.	Sarana Multigriya Finansial	9,735.5	0.7	Yes	No	Finance
13.	Pupuk Indonesia	9,076.0	0.6	Yes	No	Chemical Manufacturing
14.	Telekomunikasi Indonesia	8,995.0	0.6	Yes	Yes	Telecommunications
15.	Perum Pegadaian	8,599.0	0.6	Yes	No	Finance
16.	Bank CIMB Niaga	7,037.0	0.5	No	Yes	Banking
17.	Hutama Karya	6,825.0	0.5	Yes	No	Nonbuilding Construction
18.	Medco-Energi Internasional	6,454.2	0.4	No	Yes	Petroleum and Natural Gas
19.	Bank Maybank Indonesia	6,125.5	0.4	No	Yes	Banking
20.	Astra Sedaya Finance	6,025.0	0.4	No	No	Finance
21.	Permodalan Nasional Madani	5,746.0	0.4	Yes	No	Finance
22.	BFI Finance Indonesia	5,206.0	0.4	No	Yes	Finance
23.	Bank OCBC NISP	4,381.0	0.3	No	Yes	Banking
24.	Bank Pembangunan Daerah Jawa Barat Dan Banten	4,252.0	0.3	Yes	Yes	Banking
25.	Maybank Indonesia Finance	4,100.0	0.3	No	No	Finance
26.	Bank Permata	4,060.0	0.3	No	Yes	Banking
27.	Indofood Sukses Makmur	4,000.0	0.3	No	Yes	Food and Beverages
28.	XL Axiata	3,888.0	0.3	No	Yes	Telecommunications
29.	Bank UOB Buana	3,800.0	0.3	No	No	Banking
30.	Indomobil Finance Indonesia	3,777.5	0.3	No	No	Finance
Total Top 30 LCY Corporate Issuers		303,189.4	21.1			
Total LCY Corporate Bonds		411,857.4	28.6			
Top 30 as % of Total LCY Corporate Bonds		73.6%	73.6%			

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

Notes:

1. Data as of end-December 2018.

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) bonds outstanding inched up 0.6% quarter-on-quarter (q-o-q) in the fourth quarter (Q4) of 2018 to reach KRW2,237 trillion (USD2,014 billion). Government bonds outstanding declined 1.5% q-o-q in Q4 2018 to KRW914 trillion as the stocks of central government bonds and central bank bonds contracted on a q-o-q basis. On the other hand, corporate bonds outstanding rose 2.1% q-o-q in Q4 2018 to reach KRW1,323 trillion. On a year-on-year basis, the Republic of Korea's LCY bond market expanded 3.8%.

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

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2017		Q3 2018		Q4 2018		Q4 2017		Q4 2018	
	KRW	USD	KRW	USD	KRW	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	2,155,898	2,020	2,223,799	2,005	2,237,400	2,014	0.5	4.3	0.6	3.8
Government	882,781	827	928,209	837	913,966	823	0.3	4.2	(1.5)	3.5
Central Government Bonds	546,715	512	579,104	522	567,044	510	(0.5)	5.8	(2.1)	3.7
Central Bank Bonds	170,860	160	174,600	157	171,640	154	2.9	1.5	(1.7)	0.5
Others	165,205	155	174,505	157	175,282	158	0.1	1.8	0.4	6.1
Corporate	1,273,117	1,193	1,295,590	1,168	1,323,434	1,191	0.6	4.4	2.1	4.0

() = 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 rose to KRW135 trillion in Q4 2018 from KRW101 trillion in the previous quarter. Table 2 lists the notable LCY corporate bond issuances in the Republic of Korea during the quarter.

Table 2: Notable LCY Corporate Bond Issuance in the Fourth Quarter of 2018

Corporate Issuers	Coupon Rate (%)	Issued Amount (KRW billion)
Kookmin Bank		
1-year bond	2.01	400
2-year bond	2.14	200
10-year bond	2.96	300
Shihan Bank		
2-year bond	2.14	400
3-year bond	2.01	210
20-year bond	2.92	80
KEB Hana Bank		
1-year bond	2.95	200
2-year bond	2.15	200
2-year bond	2.15	200
HongHyup Bank		
1.5-year bond	2.09	300
3-year bond	2.13	60

KRW = Korean won.

Source: Based on data from Bloomberg LP.

LCY bonds outstanding among the top 30 corporate bond issuers in the Republic of Korea reached a total of KRW829 trillion at the end of Q4 2018, accounting for 62.6% 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	117,937.3	106.2	Yes	No	No	Housing Finance
2. Mirae Asset Daewoo	69,985.7	63.0	No	Yes	No	Securities
3. Korea Investment & Securities	57,593.5	51.8	No	No	No	Securities
4. Nh Investment & Securities	57,574.4	51.8	Yes	Yes	No	Securities
5. Industrial Bank of Korea	49,690.3	44.7	Yes	Yes	No	Banking
6. Kb Securities	41,394.5	37.3	No	No	No	Securities
7. Hana Financial Investment	38,580.6	34.7	No	No	No	Securities
8. Korea Land & Housing Corporation	33,276.1	30.0	Yes	No	No	Real Estate
9. Samsung Securities	27,006.0	24.3	No	Yes	No	Securities
10. Shinhan Bank	26,552.5	23.9	No	No	No	Banking
11. Korea Electric Power Corporation	25,280.0	22.8	Yes	Yes	No	Electricity, Energy, and Power
12. Kookmin Bank	22,898.7	20.6	No	No	No	Banking
13. Korea Expressway Corporation	21,800.0	19.6	Yes	No	No	Transport Infrastructure
14. Keb Hana Bank	20,050.0	18.0	No	No	No	Banking
15. Woori Bank	19,990.0	18.0	Yes	Yes	No	Banking
16. Korea Rail Network Authority	18,860.0	17.0	Yes	No	No	Transport Infrastructure
17. Korea Deposit Insurance Corporation	17,390.0	15.7	Yes	No	No	Insurance
18. The Export-Import Bank of Korea	15,345.0	13.8	Yes	No	No	Banking
19. Nonghyup Bank	14,930.0	13.4	Yes	No	No	Banking
20. Shinyoung Securities	14,243.4	12.8	No	Yes	No	Securities
21. Shinhan Card	14,000.0	12.6	No	No	No	Credit Card
22. Hyundai Capital Services	13,391.0	12.1	No	No	No	Consumer Finance
23. Small & Medium Business Coporation	12,953.1	11.7	Yes	No	No	SME Development
24. Korea Gas Corporation	12,278.6	11.1	Yes	Yes	No	Gas Utility
25. Kb Kookmin Card	12,090.0	10.9	No	No	No	Consumer Finance
26. Korea Student Aid Foundation	11,160.0	10.0	Yes	No	No	Student Loan
27. Standard Chartered Bank Korea	11,130.0	10.0	No	No	No	Banking
28. Nonghyup Bank	10,910.0	9.8	Yes	No	No	Banking
29. Samsung Card	10,498.0	9.4	No	Yes	No	Consumer Finance
30. Daishin Securities	10,205.4	9.2	No	Yes	No	Securities
Total Top 30 LCY Corporate Issuers	828,993.9	746.2				
Total LCY Corporate Bonds	1,323,434.0	1,191.3				
Top 30 as % of Total LCY Corporate Bonds	62.6%	62.6%				

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

Notes:

1. Data as of end-December 2018.

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

Total local currency (LCY) bonds outstanding in Malaysia reached MYR1,401 billion (USD339 billion) at the end of the fourth quarter (Q4) of 2018, registering increases of 1.6% quarter-on-quarter (q-o-q) and 8.9% year-on-year (y-o-y). Issuance in both the government and corporate sectors remained vibrant in Q4 2018, driving the increase in bond market size. Government bonds comprised 52.7% of total bonds outstanding at the end of December and corporate bonds comprised 47.3%. Total *sukuk* (Islamic bonds) amounted to MYR843 billion at the end of December, or the equivalent of 60.2% of LCY bonds outstanding, on growth of 2.1% q-o-q and 11.3% y-o-y.

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

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2017		Q3 2018		Q4 2018		Q4 2017		Q4 2018	
	MYR	USD	MYR	USD	MYR	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	1,286	318	1,379	333	1,401	339	1.8	10.2	1.6	8.9
Government	673	166	725	175	739	179	0.3	6.2	1.9	9.8
Central Government Bonds	637	157	681	165	691	167	0.1	6.8	1.4	8.5
of which: <i>sukuk</i>	270	67	301	73	306	74	1.3	14.2	1.8	13.7
Central Bank Bills	7	2	16	4	19	5	37.4	(16.0)	23.9	161.2
of which: <i>sukuk</i>	0	0	3	1	4	0.9	-	-	23.3	-
<i>Sukuk Perumahan Kerajaan</i>	28	7	28	7	28	7	0.0	0.0	0.0	0.0
Corporate	613	152	653	158	662	160	3.5	14.9	1.3	8.0
of which: <i>sukuk</i>	460	114	493	119	505	122	4.7	16.5	2.3	9.8

(-) = 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.

Corporates were active in the LCY bond market in Q4 2018, with issuances amounting to MYR43 billion on growth of 22.6% q-o-q. Table 2 presents the notable issuances during the quarter.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2018

Corporate Issuers	Coupon Rate (%)	Issued Amount (MYR million)
Cagamas		
3-year Islamic MTN	4.08	750
3-year Islamic MTN	4.12	500
3-year Islamic MTN	4.10	800
Danainfra Nasional		
7-year Islamic MTN	4.32	955
10-year Islamic MTN	4.47	740
15-year Islamic MTN	4.80	270
20-year Islamic MTN	5.00	520
30-year Islamic MTN	5.17	755
Lembaga Pembiayaan Perumahan Sektor Awam		
5-year Islamic MTN	4.05	550
7-year Islamic MTN	4.20	500
10-year Islamic MTN	4.39	550
20-year Islamic MTN	4.85	900
30-year Islamic MTN	5.10	500

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

Source: Bank Negara Malaysia Bond Info Hub.

The aggregate LCY bonds outstanding of the top 30 corporate issuers amounted to MYR381 billion at the end of December. This comprised 57.6% of the LCY corporate bond market, up from a share of 56.6% at the end of September. The most heavily represented sector in the top 30 list was finance. Firms from this sector accounted for outstanding bonds totaling MYR189 billion.

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	52.7	12.8	Yes	No	Finance
2.	Cagamas	35.8	8.7	Yes	No	Finance
3.	Project Lebuhraya Usahasama	30.2	7.3	No	No	Transport, Storage, and Communications
4.	Prasarana	29.5	7.1	Yes	No	Transport, Storage, and Communications
5.	Perbadanan Tabung Pendidikan Tinggi Nasional	19.0	4.6	Yes	No	Finance
6.	Lembaga Pembiayaan Perumahan Sektor Awam	17.8	4.3	Yes	No	Property and Real Estate
7.	Khazanah	15.0	3.6	Yes	No	Finance
8.	Pengurusan Air	14.6	3.5	Yes	No	Energy, Gas, and Water
9.	CIMB Bank	13.3	3.2	Yes	No	Finance
10.	Maybank	11.7	2.8	No	Yes	Banking
11.	Sarawak Energy	11.3	2.7	Yes	No	Energy, Gas, and Water
12.	CIMB Group Holdings	10.1	2.5	Yes	No	Finance
13.	Danga Capital	10.0	2.4	Yes	No	Finance
14.	Jimah East Power	9.0	2.2	Yes	No	Energy, Gas, and Water
15.	Maybank Islamic	8.3	2.0	No	Yes	Banking
16.	GENM Capital	7.6	1.8	No	No	Finance
17.	GOVCO Holdings	7.3	1.8	Yes	No	Finance
18.	Bank Pembangunan Malaysia	7.3	1.8	Yes	No	Banking
19.	Rantau Abang Capital	7.0	1.7	Yes	No	Finance
20.	Tenaga Nasional	7.0	1.7	No	Yes	Energy, Gas, and Water
21.	Public Bank	6.9	1.7	No	No	Banking
22.	Sarawak Hidro	6.5	1.6	Yes	No	Energy, Gas, and Water
23.	YTL Power International	6.1	1.5	No	Yes	Energy, Gas, and Water
24.	ValueCap	6.0	1.5	Yes	No	Finance
25.	Telekom Malaysia	5.8	1.4	No	Yes	Telecommunications
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.	Celcom Networks	5.0	1.2	No	No	Transport, Storage, and Communications
30.	Aman Sukuk	5.0	1.2	Yes	No	Construction
Total Top 30 LCY Corporate Issuers		381.1	92.2			
Total LCY Corporate Bonds		662.2	160.3			
Top 30 as % of Total LCY Corporate Bonds		57.6%	57.6%			

Notes:

1. Data as of end-December 2018.

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 local currency (LCY) bond market of the Philippines expanded 5.3% quarter-on-quarter (q-o-q) and 11.4% year-on-year (y-o-y) in the fourth quarter (Q4) of 2018. Outstanding bonds amounted to PHP6,098 billion (USD116 billion), up from PHP5,792 billion in the previous quarter. Outstanding LCY government bonds grew 4.1% q-o-q, spurred by growth in Treasury bills and bonds. LCY corporate bonds outstanding increased 9.7% q-o-q in Q4 2018, led by the banking industry.

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

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2017		Q3 2018		Q4 2018		Q4 2017		Q4 2018	
	PHP	USD	PHP	USD	PHP	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	5,475	110	5,792	107	6,098	116	5.1	12.5	5.3	11.4
Government	4,456	89	4,593	85	4,783	91	5.8	12.0	4.1	7.4
Treasury Bills	314	6	439	8	494	9	(7.5)	9.2	12.6	57.2
Treasury Bonds	4,101	82	4,121	76	4,255	81	7.3	13.3	3.3	3.8
Others	40	0.8	34	0.6	34	0.6	(20.0)	(41.9)	(0.02)	(16.2)
Corporate	1,020	20	1,198	22	1,315	25	2.2	14.4	9.7	28.9

(-) = 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 (PSALM) and the National Food Authority, among others.

Sources: Bloomberg LP and Bureau of the Treasury.

Issuances of LCY corporate bonds in Q4 2018 totaled PHP130.9 billion, increasing more than 150% from the previous quarter. Metrobank and BPI provided the largest issuances during Q4 2018. Banks increased their issuance of bonds as an alternative funding source after the Bangko Sentral ng Pilipinas relaxed its rules to allow banks to tap the domestic capital market without prior approval from the central bank.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2018

Corporate Issuers	Coupon Rate (%)	Issued Amount (PHP billion)
Metrobank		
2-year bond	7.15	28.00
6-year bond	5.38	8.68
BPI		
1-year bond	6.80	25.00
Petron		
6-year bond	7.82	13.20
7-year bond	8.06	6.80
Vista Land		
5-year bond	8.00	6.50
7-year bond	8.25	3.50
Aboitiz Power		
10-year bond	8.51	2.50

PHP = Philippine peso.

Source: Bloomberg LP.

The outstanding LCY corporate bonds of the top 30 issuers amounted to PHP1,142.6 billion at the end of December, comprising 86.9% of the entire LCY corporate bond market. Property companies Ayala Land and SM Prime Holdings led all issuers with LCY bonds outstanding of PHP112.7 billion and PHP93.8 billion, respectively. The banking industry led all sectors with a 33.7% share of the outstanding LCY corporate bonds of the top 30 issuers, followed by the property sector (26.3%) and holding firms (20.6%).

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.	Ayala Land	112.7	2.1	No	Yes	Property
2.	SM Prime Holdings	93.8	1.8	No	Yes	Property
3.	Metropolitan Bank	90.3	1.7	No	Yes	Banking
4.	San Miguel	60.0	1.1	No	Yes	Holding Firms
5.	BDO Unibank	58.6	1.1	No	Yes	Banking
6.	SM Investments	51.4	1.0	No	Yes	Holding Firms
7.	Philippine National Bank	41.5	0.8	No	Yes	Banking
8.	Ayala Corporation	40.0	0.8	No	Yes	Holding Firms
9.	Vista Land	38.0	0.7	No	Yes	Property
10.	Petron	37.9	0.7	No	Yes	Electricity, Energy, and Power
11.	Bank of the Philippine Islands	37.2	0.7	No	Yes	Banking
12.	San Miguel Brewery	34.8	0.7	No	No	Brewery
13.	Security Bank	34.4	0.7	No	Yes	Banking
14.	Maynilad	33.6	0.6	No	No	Water
15.	Aboitiz Equity Ventures	32.0	0.6	No	Yes	Holding Firms
16.	JG Summit	30.0	0.6	No	Yes	Holding Firms
17.	SMC Global Power	30.0	0.6	No	No	Electricity, Energy, and Power
18.	Filinvest Land	29.0	0.6	No	Yes	Property
19.	Manila Electric Company	28.8	0.5	No	Yes	Electricity, Energy, and Power
20.	Union Bank of the Philippines	28.0	0.5	No	Yes	Banking
21.	East West Banking	27.7	0.5	No	Yes	Banking
22.	Rizal Commercial Banking Corporation	27.2	0.5	No	Yes	Banking
23.	China Bank	26.2	0.5	No	Yes	Banking
24.	Aboitiz Power	23.2	0.4	No	Yes	Electricity, Energy, and Power
25.	GT Capital	22.0	0.4	No	Yes	Holding Firms
26.	PLDT	20.4	0.4	No	Yes	Telecommunications
27.	DoubleDragon Properties	15.0	0.3	No	Yes	Property
28.	Philippine Savings Bank	14.5	0.3	No	Yes	Banking
29.	Globe Telecom	12.5	0.2	No	Yes	Telecommunications
30.	Megaworld	12.0	0.2	No	Yes	Property
Total Top 30 LCY Corporate Issuers		1,142.6	21.7			
Total LCY Corporate Bonds		1,314.6	25.0			
Top 30 as % of Total LCY Corporate Bonds		86.9%	86.9%			

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

Notes:

1. Data as of end-December 2018.

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 1.2% quarter-on-quarter (q-o-q) and 11.0% year-on-year (y-o-y) in the fourth quarter (Q4) of 2018, reaching SGD403 billion (USD295 billion) on the back of both increased LCY government and corporate bonds. There was a total of SGD244 billion in LCY government bonds outstanding, corresponding to a 1.5% q-o-q increase, due mainly to a rise in Singapore Government Securities (SGS) bonds as none of these instruments matured in Q4 2018. LCY corporate bonds outstanding amounted to SGD158 billion at the end of December on growth of 0.7% q-o-q.

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

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2017		Q3 2018		Q4 2018		Q4 2017		Q4 2018	
	SGD	USD	SGD	USD	SGD	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	363	272	398	291	403	295	0.1	7.9	1.2	11.0
Government	222	166	241	176	244	179	0.6	14.9	1.5	10.2
SGS Bills and Bonds	116	87	122	89	125	92	(0.9)	5.5	2.1	7.7
MAS Bills	106	79	119	87	120	88	2.4	27.3	0.8	12.9
Corporate	141	106	157	115	158	116	(0.8)	(1.4)	0.7	12.3

(-) = 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 Singapore Government Securities 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 35.9% q-o-q, following a rebound in issuances in the previous quarter when long-term Singapore interest rates declined. The largest corporate bond issuance during the quarter came from the Land Transport Authority, followed by Shangri-La Hotel and Singapore Airlines.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2018

Corporate Issuers	Coupon Rate (%)	Issued Amount (SGD million)
Land Transport Authority		
35-year bond	3.43	1,000
Shangri-La Hotel		
7-year bond	4.50	825
Singapore Airlines		
5-year bond	3.16	600
Hong Kong Land Treasury Services		
20-year bond	3.95	150
Aspial Treasury		
3-year bond	6.25	50

SGD = Singapore dollar.

Source: Bloomberg LP.

Outstanding LCY corporate bonds of the top 30 issuers amounted to SGD72.7 billion at the end of December, or 45.9% of total LCY corporate bonds outstanding. The government's Housing & Development Board topped all issuers in 2018 with total outstanding LCY corporate bonds of SGD21.9 billion, or 13.8% of the total in Q4 2018. This was followed by another government institution, the Land Transport Authority, with outstanding LCY corporate bonds totaling SGD7.5 billion in Q4 2018. Led by the Housing & Development Board, the real estate sector topped all sectors with SGD33.2 billion of outstanding bonds, or 45.7% of the aggregate LCY corporate bonds of the top 30 issuers. This was followed by the transportation sector with SGD11.9 billion (16.4%).

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	21.9	16.1	Yes	No	Real Estate
2.	Land Transport Authority	7.5	5.5	Yes	No	Transportation
3.	Singapore Airlines	3.6	2.7	Yes	Yes	Transportation
4.	Temasek Financial	3.6	2.6	Yes	No	Finance
5.	Frasers Property	3.4	2.5	No	Yes	Real Estate
6.	DBS Group Holdings	2.5	1.9	No	Yes	Banking
7.	United Overseas Bank	2.5	1.8	No	Yes	Banking
8.	Mapletree Treasury Services	2.3	1.7	No	No	Finance
9.	Capitaland	2.2	1.6	Yes	Yes	Real Estate
10.	Keppel Corporation	1.7	1.2	No	Yes	Diversified
11.	Capitaland Treasury	1.6	1.2	No	No	Finance
12.	Oversea-Chinese Banking Corporation	1.5	1.1	No	Yes	Banking
13.	SP Powerassets	1.4	1.0	No	No	Utilities
14.	Public Utilities Board	1.3	1.0	Yes	No	Utilities
15.	CMT MTN	1.3	0.9	No	No	Finance
16.	GLL IHT	1.3	0.9	No	No	Real Estate
17.	Olam International	1.2	0.9	No	Yes	Consumer Goods
18.	Singtel Group Treasury	1.2	0.8	No	No	Finance
19.	City Developments Limited	1.1	0.8	No	Yes	Real Estate
20.	Hyflux	1.1	0.8	No	Yes	Utilities
21.	National University of Singapore	1.0	0.7	No	No	Education
22.	Ascendas	1.0	0.7	No	Yes	Finance
23.	Mapletree Commercial Trust	0.9	0.6	No	Yes	Real Estate
24.	Sembcorp Financial Services	0.9	0.6	No	No	Engineering
25.	Suntec REIT	0.8	0.6	No	Yes	Real Estate
26.	Shangri-La Hotel	0.8	0.6	No	Yes	Real Estate
27.	DBS Bank	0.8	0.6	No	Yes	Banking
28.	Overseas Union Enterprise	0.8	0.6	No	Yes	Real Estate
29.	Sembcorp Industries	0.8	0.6	No	Yes	Shipbuilding
30.	SMRT Capital	0.8	0.6	No	No	Transportation
Total Top 30 LCY Corporate Issuers		72.7	53.3			
Total LCY Corporate Bonds		158.3	116.2			
Top 30 as % of Total LCY Corporate Bonds		45.9%	45.9%			

LCY = local currency, SGD = Singapore dollar, USD = United States dollar.

Notes:

1. Data as of end-December 2018.

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.

Thailand

Total local currency (LCY) bonds outstanding in Thailand increased 2.5% quarter-on-quarter (q-o-q) and 10.3% year-on-year (y-o-y), reaching THB12,445 billion (USD385 billion) at the end of the fourth quarter (Q4) of 2018. The government and corporate sectors both posted quarterly increases, with the former expanding a more rapid 3.3% q-o-q compared with the latter's marginal increase of 0.5% q-o-q. On an annual basis, the government sector posted 9.6% growth and the corporate sector posted 12.2% growth. Government bonds comprised 72.2% of total LCY bonds outstanding at the end of December and corporate bonds comprised 27.8%.

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

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2017		Q3 2018		Q4 2018		Q4 2017		Q4 2018	
	THB	USD	THB	USD	THB	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	11,279	346	12,141	376	12,445	385	2.2	3.9	2.5	10.3
Government	8,196	252	8,699	269	8,986	278	2.7	3.3	3.3	9.6
Government Bonds and Treasury Bills	4,334	133	4,614	143	4,738	147	0.9	7.4	2.7	9.3
Central Bank Bonds	3,042	93	3,322	103	3,477	108	5.3	(3.0)	4.6	14.3
State-Owned Enterprise and Other Bonds	820	25	762	24	771	24	2.6	7.1	1.2	(5.9)
Corporate	3,083	95	3,442	106	3,459	107	1.0	5.6	0.5	12.2

(-) = 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.

Sources: Bank of Thailand and Bloomberg LP.

Corporate debt sales in the LCY bond market in Q4 2018 amounted to THB356 billion, reflecting a decline of 22.2% from the third quarter. The financial sector had the largest share of newly issued bonds in Q4 2018. Table 2 presents the notable issuances during the quarter.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2018

Corporate Issuers	Coupon Rate (%)	Issued Amount (THB billion)
Charoen Pokphand Foods		
2-year bond	2.74	6,700
4-year bond	3.20	7,600
6-year bond	3.79	2,200
10-year bond	4.41	3,200
12-year bond	4.66	5,300
Toyota Leasing Thailand		
2-year bond	2.08	3,000
2-year bond	2.44	2,800
3-year bond	2.31	1,100
3-year bond	2.64	1,400
3-year bond	2.51	1,900
Siam Cement		
4-year bond	3.10	10,000

THB = Thai baht.

Source: Bloomberg LP.

The aggregate LCY bonds outstanding of the top 30 corporate issuers in Thailand amounted to THB1,869 billion at the end of December, comprising 54.0% of the LCY corporate bond market. Food and beverage firms had the largest share of outstanding corporate bonds with an aggregate amount of THB478 billion.

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.	Siam Cement	181.5	5.6	Yes	Yes	Construction Materials
2.	CP All	160.9	5.0	No	Yes	Commerce
3.	Thai Beverage	127.0	3.9	No	No	Food and Beverage
4.	Berli Jucker	122.0	3.8	No	Yes	Food and Beverage
5.	Bank of Ayudhya	116.0	3.6	No	Yes	Banking
6.	PTT	110.7	3.4	Yes	Yes	Energy and Utilities
7.	Charoen Pokphand Foods	109.5	3.4	No	Yes	Food and Beverage
8.	Toyota Leasing Thailand	76.7	2.4	No	No	Finance and Securities
9.	Indorama Ventures	66.2	2.0	No	Yes	Petrochemicals and Chemicals
10.	Thai Airways International	64.9	2.0	Yes	Yes	Transportation and Logistics
11.	True Move H Universal Communication	56.0	1.7	No	No	Communications
12.	Tisco Bank	49.7	1.5	No	No	Banking
13.	Krungthai Card	45.3	1.4	Yes	Yes	Banking
14.	CPF Thailand	44.0	1.4	No	Yes	Food and Beverage
15.	Mitr Phol Sugar	42.2	1.3	No	No	Food and Beverage
16.	Banpu	41.8	1.3	No	Yes	Energy and Utilities
17.	Land & Houses	40.5	1.3	No	Yes	Property and Construction
18.	Advanced Wireless	40.2	1.2	No	Yes	Communications
19.	Bangkok Expressway and Metro	38.2	1.2	No	Yes	Transportation and Logistics
20.	Minor International	37.5	1.2	No	Yes	Hospitality and Leisure
21.	TPI Polene	36.0	1.1	No	Yes	Property and Construction
22.	Thai Union Group	33.8	1.0	No	Yes	Food and Beverage
23.	Bangkok Commercial Asset Management	32.2	1.0	No	No	Finance and Securities
24.	PTT Exploration and Production Company	29.6	0.9	Yes	Yes	Energy and Utilities
25.	CH. Karnchang	29.6	0.9	No	Yes	Property and Construction
26.	DTAC Trinet	29.5	0.9	No	Yes	Communications
27.	Krungsriyudhya Card	28.7	0.9	No	Yes	Banking
28.	Kasikorn Bank	28.0	0.9	No	Yes	Banking
29.	True Corp	25.8	0.8	No	Yes	Communications
30.	Bangchak Corporation	25.0	0.8	No	Yes	Energy and Utilities
Total Top 30 LCY Corporate Issuers		1,868.6	57.8			
Total LCY Corporate Bonds		3,459.1	107.0			
Top 30 as % of Total LCY Corporate Bonds		54.0%	54.0%			

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

Notes:

1. Data as of end-December 2018.

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

Viet Nam's local currency (LCY) bonds outstanding stood at VND1,180.5 trillion (USD51 billion) at the end of December, down 5.3% quarter-on-quarter (q-o-q), but up 9.3% year-on-year (y-o-y). The decline was due to the maturing of all outstanding central bank bills, which more than offset the marginal increase in both Treasury bonds and corporate bonds.

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

	Outstanding Amount (billion)						Growth Rate (%)			
	Q4 2017		Q3 2018		Q4 2018		Q4 2017		Q4 2018	
	VND	USD	VND	USD	VND	USD	q-o-q	y-o-y	q-o-q	y-o-y
Total	1,079,823	48	1,246,354	53	1,180,519	51	1.4	7.9	(5.3)	9.3
Government	1,003,064	44	1,152,839	49	1,081,190	47	(0.2)	6.6	(6.2)	7.8
Treasury Bonds	796,551	35	896,681	38	898,393	39	(0.1)	7.2	0.2	12.8
Central Bank Bonds	16,400	0.7	75,010	3	0	0	(21.9)	105.0	(100.0)	(100.0)
State-Owned Enterprise Bonds	190,113	8	181,148	8	182,798	8	1.8	0.1	0.9	(3.8)
Corporate	76,759	3	93,515	4	99,328	4	27.0	29.3	6.2	29.4

() = negative, 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.

In Q4 2018, corporate bond issuance reached VND7.7 trillion, declining 10.7% q-o-q and 59.9% y-o-y. Five firms tapped the debt market for their capital requirements, issuing a total of six new bond series during the quarter. The largest issuance came from Hoan My Medical, which issued VND2.3 trillion via a dual-tranche bond that carried a guarantee from the Credit Guarantee and Investment Facility.

Table 2: Notable Local Currency Corporate Bond Issuance in the Fourth Quarter of 2018

Corporate Issuer	Coupon Rate (%)	Issued Amount (VND billion)
Hoan My Medical		
5-year bond	6.64	930
7-year bond	6.74	1,400
Asia Commercial Joint Stock Bank		
10-year bond	7.35	2,200
Vietnam International Commercial Bank		
3-year bond	6.30	2,200

VND = Vietnamese dong.

Source: Bloomberg LP.

At the end of December, the aggregate outstanding bonds of Viet Nam's 30 largest corporate LCY bond issuers amounted to VND95.6 trillion, representing 96.3% of the total LCY corporate bond stock. Taking the top spot was Vinhomes, a firm that provides real estate services, which bumped Masan Consumer Holdings down to the second spot.

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

	Issuers	Outstanding Amount		State-Owned	Listed Company	Type of Industry
		LCY Bonds (VND billion)	LCY Bonds (USD billion)			
1.	Vinhomes	12,500.0	0.54	No	Yes	Real Estate
2.	Masan Consumer Holdings	11,100.0	0.48	No	No	Diversified Operations
3.	Vingroup	9,600.0	0.41	No	Yes	Real Estate
4.	Vietnam Joint Stock Commercial Bank for Industry and Trade	8,200.0	0.35	Yes	Yes	Banking
5.	Asia Commercial Joint Stock Bank	6,800.0	0.29	No	No	Banking
6.	Hoang Anh Gia Lai	4,000.0	0.17	No	Yes	Real Estate
7.	No Va Land Investment Group	3,300.0	0.14	No	Yes	Real Estate
8.	Masan Group	3,000.0	0.13	No	Yes	Finance
9.	Vietnam Technological and Commercial Joint Stock Bank	3,000.0	0.13	No	No	Banking
10.	Vietnam Prosperity Joint Stock Commercial Bank	3,000.0	0.13	No	Yes	Banking
11.	Bank for Investment and Development of Vietnam	2,700.0	0.12	Yes	Yes	Banking
12.	Sai Dong Urban Investment and Development	2,600.0	0.11	No	No	Real Estate
13.	Ho Chi Minh City Infrastructure Investment	2,410.4	0.10	No	Yes	Infrastructure
14.	Hoan My Medical	2,330.0	0.10	No	No	Healthcare Services
15.	Hoang Anh Gia Lai International Agriculture	2,217.1	0.10	No	Yes	Agriculture
16.	Vietnam International Commercial Bank	2,202.8	0.10	No	Yes	Agriculture
17.	Agro Nutrition International	2,000.0	0.09	No	No	Agriculture
18.	Joint Stock Commercial Bank for Foreign Trade of Vietnam	2,000.0	0.09	Yes	Yes	Banking
19.	Vietnam Electrical Equipment	1,800.0	0.08	No	Yes	Manufacturing
20.	Nui Phao Mining	1,500.0	0.06	No	No	Mining
21.	Saigon Securities	1,450.0	0.06	No	Yes	Finance
22.	Saigon-Hanoi Securities	1,150.0	0.05	No	Yes	Finance
23.	Mobile World Investment	1,135.0	0.05	No	Yes	Manufacturing
24.	Pan Group	1,135.0	0.05	No	Yes	Consumer Services
25.	DIC Corporation	1,000.0	0.04	Yes	No	Chemicals
26.	TTC Education Joint Stock Company	951.0	0.04	No	No	Education Services
27.	Vietnam Bank for Agriculture and Rural Development	760.0	0.03	Yes	No	Banking
28.	Nam Long Investment	660.0	0.03	No	Yes	Real Estate
29.	KinhBac City Development Holding	600.0	0.03	No	Yes	Real Estate
30.	Khang Dien House Trading and Investment	534.0	0.02	No	Yes	Building and Construction
Total Top 30 LCY Corporate Issuers		95,635.3	4.13			
Total LCY Corporate Bonds		99,328.3	4.29			
Top 30 as % of Total LCY Corporate Bonds		96.3%	96.3%			

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

Notes:

1. Data as of end-December 2018.

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 Vietnam Bond Market Association data.