

December Recap

- December closed out the year with mixed results when compared to the same month in 2016, as nine new issuers made their market debuts for aggregate proceeds of \$1.3B, higher than last December's five issuers, but lower than the same periods \$2.1B in total proceeds. The month's largest deal came from Industrials' issuer Newmark Group, Inc., which raised \$32.0M with its offering. Denali Therapeutics Inc. was a close second for the month in terms of proceeds generated, as it raised \$287.5M with its debut. Overall, 2017 marked a significant increase from 2016, as 144 issuers came to market for \$37.6B, crushing 2016's 88 deals for \$20.1B in aggregate proceeds.

-The US-Based 25 Index contracted during the month as the metric fell 5.61%, slowing from November's 17.54% expansion. Comparably, the S&P 500 regressed from last month's 2.81% growth, posting a return of 0.98% for the month of December. Moreover, the International 25 Index witnessed a marginal increase by 3.81%, rising dramatically from November's contraction of -8.44%. Separately, December's largest first-day pop came from the Technology sector as LexinFintech Holdings Ltd.'s initial offering expanded 18.9% on its first day of trading and has seen a 54.4% increase over its offering price to date.

-The current 6-month backlog consists of 31 total IPOs, seeking combined proceeds of \$4.1 billion. This is comprised of 22 domestic and nine international deals. The 31 IPOs represent a 47% increase from the prior-year's backlog, when only 21 deals were expected to generate \$4.2 billion. Consumer Services leads all other sectors in terms of expected proceeds with \$875.0 M of proceeds on 6 deals; these figures are significantly higher than the \$300.0 M in proceeds and deal count of three found in the comparable period's backlog. Additionally, the Healthcare sector has seven deals in the pipeline, which is the highest total among all sectors in the backlog.

Activity & Performance Statistics for US-Listed IPOs

Year-over-Year Summary Statistics

Issuer Group	2017	2016	YoY #	2017	2016	YoY \$
	#	#	Δ	(\$M)	(\$M)	% Δ
US-Based IPOs	116	73	43 ↑	29,343.4	15,383.5	90.7 ↑
International IPOs	28	15	13 ↑	8,296.4	4,704.0	76.4 ↑
YTD Total	144	88	56 ↑	37,639.8	20,087.5	87.4 ↑

- 2017 Performance -

Offer vs. File Range	Avg % Δ		
	Below	Within	Above
Below	25	73	18
Within	3	19	6
Above	28	92	24
Avg % Δ	11.2	3.4	4.6
Avg % Δ	12.1	-2.9	-6.4
Avg % Δ	11.4	2.2	26.5

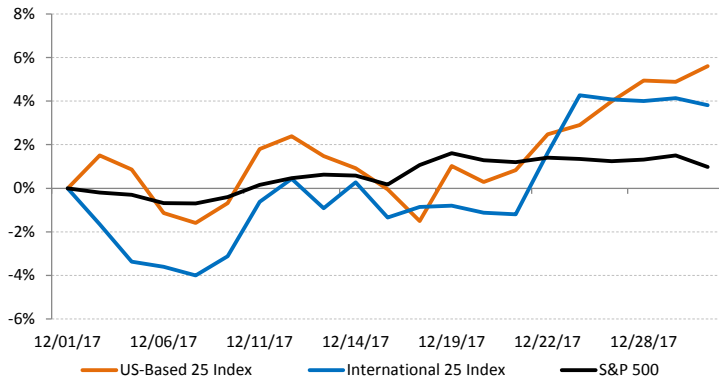
Year-over-Year Activity by Month

Month	2017	2016	YoY #	2017	2016	YoY \$
	#	#	Δ	(\$M)	(\$M)	% Δ
January	9	0	9 ↑	4,556.1	0.0	NM ↑
February	5	4	1 ↑	670.0	446.3	50.1 ↑
March	8	2	6 ↑	5,697.9	135.8	NM ↑
April	17	7	10 ↑	3,657.7	2,535.2	44.3 ↑
May	16	12	4 ↑	3,632.8	2,697.5	34.7 ↑
June	15	7	8 ↑	3,661.5	702.1	421.5 ↑
July	8	10	-2 ↓	964.9	2,634.8	-63.4 ↓
August	4	6	-2 ↓	785.1	1,036.8	-24.3 ↓
September	14	15	-1 ↓	2,593.0	2,544.1	1.9 ↑
October	17	18	-1 ↓	6,572.4	4,867.1	35.0 ↑
November	22	2	20 ↑	3,539.4	348.7	915.0 ↑
December	9	5	4 ↑	1,309.0	2,139.1	-38.8 ↓

- 2017 Performance by Month -

Offer vs. File Range	Avg % Δ		
	Below	Within	Above
Below	2	5	2
Within	2	3	0
Above	2	3	3
Avg % Δ	3.3	1.6	11.4
Avg % Δ	7.7	-2.5	-4.2
Avg % Δ	18.7	-3.3	-2.6
Avg % Δ	11.4	3.3	6.1
Avg % Δ	5.4	6.7	8.0
Avg % Δ	5.2	2.4	-1.4
Avg % Δ	25.1	8.4	14.7
Avg % Δ	-0.4	-6.5	-2.7
Avg % Δ	20.8	0.1	-5.1
Avg % Δ	28.6	-4.6	-8.8
Avg % Δ	1.2	5.9	7.6
Avg % Δ	9.3	4.7	-

Ipreo IPO Indices: 1-Month Trailing Performance †



Trailing 1-Month Performance Summary

Index	1-Mo Return (%)	Avg Daily % Δ	1-Mo Daily Std. Dev.	Best Day % Δ	Worst Day % Δ
US-Based 25 Index	5.61	0.30	1.22	2.56	-1.97
International 25 Index	3.81	0.18	1.33	2.86	-1.75
S&P 500 Index	0.98	0.09	0.38	0.90	-0.52

Year-over-Year Activity by Sector

Sector	2017	2016	YoY #	2017	2016	YoY \$
	#	#	Δ	(\$M)	(\$M)	% Δ
Tech/Telecom	27	18	9 ↑	11,495.9	2,882.7	298.8 ↑
Industrials	10	4	6 ↑	4,849.5	2,328.0	108.3 ↑
Energy	14	6	8 ↑	4,696.0	1,842.0	154.9 ↑
Consumer Svcs.	21	8	13 ↑	4,141.8	2,952.3	40.3 ↑
Healthcare	38	33	5 ↑	3,764.7	3,659.6	2.9 ↑
Financials	19	9	10 ↑	3,223.7	2,885.0	11.7 ↑
REIT	8	3	5 ↑	2,810.0	1,530.8	83.6 ↑
Basic Materials	4	0	4 ↑	1,664.4	0.0	NM ↑
Utilities	1	2	-1 ↓	575.0	195.9	193.5 ↑
Consumer Goods	2	5	-3 ↓	418.9	1,811.2	-76.9 ↓

- 2017 Performance by Sector -

Offer vs. File Range	Avg % Δ		
	Below	Within	Above
Below	3	14	10
Within	3	6	1
Above	8	5	1
Avg % Δ	17.5	4.1	2.3
Avg % Δ	8.8	-1.1	3.2
Avg % Δ	2.4	0.1	-0.3
Avg % Δ	13.8	0.1	-1.6
Avg % Δ	15.3	4.6	6.5
Avg % Δ	7.6	1.7	0.2
Avg % Δ	-2.3	0.5	0.2
Avg % Δ	12.8	-2.0	3.0
Avg % Δ	16.0	-2.3	7.9
Avg % Δ	-7.6	6.2	16.5

Year-over-Year Activity by Leading Bookrunners

Broker	2017	2016	YoY #	2017	2016	YoY \$
	#	#	Δ	(\$M)	(\$M)	% Δ
J.P. Morgan	58	31	27 ↑	4,216.1	2,304.9	82.9 ↑
Morgan Stanley	51	26	25 ↑	4,133.6	2,040.9	102.5 ↑
Goldman Sachs	46	28	18 ↑	3,735.7	2,082.8	79.4 ↑
Credit Suisse	42	27	15 ↑	3,343.7	1,555.8	114.9 ↑
Citi	50	26	24 ↑	3,236.5	1,672.0	93.6 ↑
Barclays	28	21	7 ↑	2,015.6	1,075.3	87.4 ↑
Deutsche Bank	24	19	5 ↑	2,014.0	1,247.2	61.5 ↑
BAML	33	20	13 ↑	1,943.4	1,361.2	42.8 ↑
RBC	27	17	10 ↑	1,631.8	655.3	149.0 ↑
Wells Fargo	27	14	13 ↑	1,341.8	845.3	58.7 ↑

- 2017 Performance by Bookrunner -

Offer vs. File Range	Avg % Δ		
	Below	Within	Above
Below	13	36	9
Within	11	23	17
Above	12	22	12
Avg % Δ	9.3	2.3	5.5
Avg % Δ	12.4	-0.1	-1.6
Avg % Δ	11.9	1.5	2.3
Avg % Δ	7.7	1.7	2.8
Avg % Δ	8.4	1.8	-1.9
Avg % Δ	11.8	3.1	3.6
Avg % Δ	11.0	3.7	6.3
Avg % Δ	9.1	5.1	3.7
Avg % Δ	14.1	3.8	3.5
Avg % Δ	8.6	3.8	6.7

Leaders & Laggards

Trade Date	Issuer	Sector	Country	1-Day Price Δ %	Offer/Curr Δ %
11/01/17	Altair Engineering Inc.	Tech/Telecom	United States	40.8	84.0
05/18/17	Bright Scholar Education Holdings Limited	Consumer Svcs.	China	27.6	77.8
11/17/17	Stitch Fix, Inc.	Consumer Svcs.	United States	1.0	72.2
11/09/17	Apellis Pharmaceuticals, Inc.	Healthcare	United States	0.2	55.0
12/21/17	LexinFintech Holdings Ltd.	Tech/Telecom	China	18.9	54.4
Average				17.7	68.7

Trade Date	Issuer	Sector	Country	1-Day Price Δ %	Offer/Curr Δ %
04/12/17	Netshoes (Cayman) Ltd.	Consumer Svcs.	Brazil	-10.6	-56.1
10/18/17	Qudian Inc.	Financials	China	21.6	-47.8
11/10/17	PPDAI Group Inc.	Financials	China	0.6	-45.3
11/02/17	Funko, Inc.	Consumer Goods	United States	-41.1	-44.6
04/28/17	Zymeworks, Inc.	Healthcare	Canada	0.0	-41.6
Average				-5.9	-47.1

Note: Leaders & Laggards universe includes members of the US-Based 25 Index or the International 25 Index

Year-over-Year Activity by Geography

Domicile Region	2017 #	2016 #	YoY # Δ	2017 (\$M)	2016 (\$M)	YoY \$ % Δ
North America	119	73	46 ↑	29,838.8	15,383.5	94.0
Asia/Pacific	15	6	9 ↑	4,426.3	1,921.9	130.3
Europe	7	7	0 -	1,797.3	1,564.6	14.9
Latin America	3	1	2 ↑	1,577.4	322.6	389.0
Rest of World	0	0	0 -	0.0	0.0	-

- 2017 Performance by Geography -

Offer vs. File Range	Avg % Δ			Avg % Δ Off/Curr
	Below	Within	Above	
1-Day	25	75	19	11.3
1-Wk	2	8	5	12.8
1-Mo	1	6	0	12.8
Avg	0	3	0	8.0

Domicile Country

Domicile Country	2017 #	2016 #	YoY # Δ	2017 (\$M)	2016 (\$M)	YoY \$ % Δ	Below	Within	Above	1-Day	1-Wk	1-Mo	Avg % Δ Off/Curr
United States	116	71	45 ↑	29,343.4	13,959.3	110.2	25	73	18	11.2	3.4	4.6	32.2
China	14	5	9 ↑	3,541.9	1,860.5	90.4	2	8	4	13.1	-2.0	-12.5	-1.2
Singapore	1	0	1 ↑	884.4	0.0	NM	0	0	1	8.4	-13.8	-9.1	-11.1
Canada	3	0	3 ↑	495.4	0.0	NM	0	2	1	11.6	-0.3	-1.5	44.0
Brazil	1	0	1 ↑	148.5	0.0	NM	0	1	0	-10.6	-15.7	14.0	-56.1

Most Recent IPOs

File Date	Price Date	Issuer	Sector	Country	Proceeds (\$M)	Price vs. Range	1-Day Price Δ %	Offer/Curr Δ %
1 10/20/17	12/21/17	iClick Interactive Asia Group Ltd	Tech/Telecom	China	34.5	Within	12.5	13.1
2 11/13/17	12/20/17	LexinFintech Holdings Ltd.	Tech/Telecom	China	108.0	Within	18.9	54.4
3 10/23/17	12/14/17	Newmark Group, Inc.	Industrials	United States	322.0	Within	-0.4	13.6
4 11/17/17	12/14/17	Casa Systems, Inc	Tech/Telecom	United States	89.7	Within	10.8	36.6
5 11/09/17	12/07/17	Luther Burbank Corporation	Financials	United States	150.2	Within	9.3	12.0
6 11/13/17	12/07/17	Denali Therapeutics Inc.	Healthcare	United States	287.5	Within	19.2	-13.1
7 10/23/17	12/06/17	CURO Group Holdings Corp.	Financials	United States	93.3	Within	1.4	0.6
8 11/09/17	12/06/17	Quanterix Corp.	Healthcare	United States	73.7	Within	16.5	43.1
9 11/13/17	12/06/17	Odonate Therapeutics, Inc.	Healthcare	United States	150.0	Within	-4.2	4.2
10 10/19/17	11/16/17	Stitch Fix, Inc.	Consumer Svcs.	United States	120.0	Below	1.0	72.2
Average							8.5	23.7

Activity in the Backlog

Key Backlog Statistics

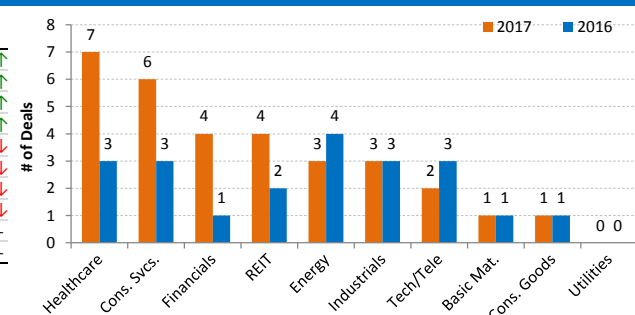
Issuer Group	2017 #	2016 #	YoY # Δ	2017 (\$M)	2016 (\$M)	YoY \$ % Δ
US IPOs	22	17	5 ↑	2,390.0	3,234.8	-26.1 ↓
International IPOs	9	4	5 ↑	1,661.3	996.5	66.7 ↑
Total	31	21	10 ↑	4,051.3	4,231.3	↓

Backlog by Deal Size

Deal Size	2017 #	2016 #	YoY # Δ	2017 (\$M)	2016 (\$M)	YoY \$ % Δ
\$500M or More	1	3	-2 ↓	526.5	1,699.8	-69.0 ↓
\$300 to \$500M	3	1	2 ↑	1,205.0	401.4	200.2 ↑
\$100 to \$300M	15	12	3 ↑	1,600.0	1,808.8	-11.5 ↓
Less than \$100M	12	5	7 ↑	719.8	321.3	124.0 ↑

Backlog by Sector

Sector	2017 #	2016 #	YoY # Δ	2017 (\$M)	2016 (\$M)	YoY \$ % Δ
Consumer Svcs.	6	3	3 ↑	875.0	300.0	191.7 ↑
REIT	4	2	2 ↑	730.5	128.1	470.3 ↑
Healthcare	7	3	4 ↑	540.3	321.8	67.9 ↑
Financials	4	1	3 ↑	522.5	100.0	422.5 ↑
Consumer Goods	1	1	0 -	460.0	500.0	-8.0 ↓
Energy	3	4	-1 ↓	400.0	1,175.7	-66.0 ↓
Industrials	3	3	0 -	300.0	1,099.7	-72.7 ↓
Tech/Telecom	2	3	-1 ↓	123.0	506.0	-75.7 ↓
Basic Materials	1	1	0 -	100.0	100.0	-
Utilities	0	0	0 -	0.0	0.0	-



Top December Filings in Backlog

File Date	Expected Date	Issuer	Sector	Country	Proceeds (\$M)
1 12/29/17	Undisclosed	Solid Biosciences Inc.	Healthcare	United States	100.0
2 12/27/17	Undisclosed	Gates Industrial Corporation plc	Industrials	United States	100.0
3 12/26/17	Undisclosed	PagSeguro Digital Ltd.	Tech/Telecom	Brazil	100.0
4 12/21/17	Undisclosed	ADT Inc.	Consumer Svcs.	United States	100.0
5 12/19/17	Undisclosed	PlayAGS, Inc.	Consumer Svcs.	United States	100.0
6 12/05/17	Undisclosed	Corporación América Airports S.A.	Industrials	Luxembourg	100.0
7 12/28/17	Undisclosed	Menlo Therapeutics, Inc.	Healthcare	United States	97.8
8 12/29/17	Undisclosed	ARMO BioSciences, Inc.	Healthcare	United States	86.3
9 12/29/17	Undisclosed	resTORbio, Inc.	Healthcare	United States	85.0
10 12/19/17	Undisclosed	Eyenovia, Inc.	Healthcare	United States	35.0

Top 10 IPOs in the Backlog

File Date	Expected Date	Issuer	Sector	Country	Proceeds (\$M)
1 10/13/17	Undisclosed	Workspace Property Trust	REIT	United States	526.5
2 11/14/17	Undisclosed	Camposol Holding PLC	Consumer Goods	Peru	460.0
3 11/13/17	Undisclosed	TFI TAB Gıda Yatırımları A.Ş.	Consumer Svcs.	Turkey	400.0
4 05/22/15	Undisclosed	Bicapital Corporation	Financials	Panama	345.0
5 09/12/17	Undisclosed	Howard Midstream Partners, LP	Energy	United States	200.0
6 12/29/17	Undisclosed	Solid Biosciences Inc.	Healthcare	United States	100.0
7 12/27/17	Undisclosed	Gates Industrial Corporation plc	Industrials	United States	100.0
8 12/26/17	Undisclosed	PagSeguro Digital Ltd.	Tech/Telecom	Brazil	100.0
9 12/21/17	Undisclosed	ADT Inc.	Consumer Svcs.	United States	100.0
10 12/19/17	Undisclosed	PlayAGS, Inc.	Consumer Svcs.	United States	100.0

IPO Brief Notes

The IPO Brief tracks offering statistics and aftermarket performance of IPOs satisfying the following criteria:

- Must be publicly traded on a US-based stock exchange
- Must raise initial proceeds greater than or equal to \$20M

IPOs that are excluded from the report include:

- Closed End Funds (CEF)
- Special Purpose Acquisition Companies (SPAC)
- Private Investments in Public Equity (PIPE)
- Equity Unit Offerings
- Private Placements / 144A

Other Notes:

Offer vs. File range statistics are based on the most recent amended file range. Proceeds do not include any exercised overallotment. "US-Based IPOs" are US-domiciled and US-listed. "International IPOs" are non-US domiciled and US-listed. Proceeds by bookrunner are apportioned proceeds. The backlog tracks deals filed or amended within a trailing 180-day period.

† IPO Indexing Methodology

The Ipreo IPO indices track trailing one-month price performance of the 25 most-recent US-domiciled IPOs, and the 25 most-recent non-US domiciled ("International") IPOs (members of both constituents must be listed on US-based exchange). Exclusions from the constituent groups are detailed above.

Trailing price performance is calculated by taking an un-weighted average of daily percent changes across a given historical date's 25 US and 25 International most-recent IPOs. The 25 US and 25 International constituents may not remain consistent over the full 30-day period, and can adjust daily to accommodate new IPO or release old IPOs falling out of the relevant grouping. The un-weighted average daily percent change is then applied to a base value of 100 given to each index, including the benchmark S&P 500. The basic indexing formula is given below:

$$\text{Index Value (Day Current)} = \text{Index Value (Prior Day)} \times \left(1 + \frac{\text{Avg Current Day \% } \Delta}{100} \right)$$

About Ipreo Capital Markets

Ipreo Capital Markets Services is a consultative service focused on providing strategic intelligence on the equity capital markets. Our dedicated team of experienced analysts combine best-of-breed data and innovative solutions to help clients understand the new issuance market and win mandates for both marketed and non-marketed deals.

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