

Private Placement Monitor			
US Private Placement League Table			
All Deals	2020 \$mm	Issuer Count	Market Share
BofA	16666.37	87	18.10%
JPM	12600.08	55	13.68%
Citi	5966.95	38	6.48%
MUFG	5722.44	35	6.21%
GS	4476.11	22	4.86%
RBC	3871.33	23	4.20%
WFS	3694.40	25	4.01%
USBank	3440.47	37	3.74%
Mesirow	2979.87	25	3.24%
MS	2447.67	10	2.66%
Piper Sandler	2427.13	62	2.64%
Mizuho	2238.41	20	2.43%
Barclays	1969.25	16	2.14%
NatWest	1688.24	12	1.83%
KeyBanc	1673.50	17	1.82%
BNPP	1480.93	12	1.61%
PNC	1433.33	16	1.56%
Scotia	1428.60	20	1.55%
SMBC	1390.43	13	1.51%
TD	1295.98	17	1.41%
HSBC	1278.31	12	1.39%
Santander	1078.78	10	1.17%
Jefferies	920.50	4	1.00%
CIBC	793.41	13	0.86%
ABN AMRO	749.30	6	0.81%
CA	628.07	3	0.68%
Lloyds	597.35	6	0.65%
Rabobank	559.35	6	0.61%
Natixis	545.37	4	0.59%
Huntington	543.40	8	0.59%
SG	499.90	4	0.54%
Waterway	457.60	11	0.50%
DNB	440.50	4	0.48%
Bostonia	399.00	13	0.43%
Cantor	383.90	1	0.42%
Centrus	330.85	3	0.36%
CBA	325.33	4	0.35%
NBF	319.03	2	0.35%
Keefe	299.50	4	0.33%
NAB	286.39	3	0.31%
DB	245.15	2	0.27%
Stephens	240.00	3	0.26%
CTL Capital	194.00	1	0.21%
ING	193.24	2	0.21%
Raymond James	127.00	3	0.14%
CGA	120.00	3	0.13%
CS	117.00	1	0.13%
DA Davidson	104.50	3	0.11%
Performance Trust	98.00	5	0.11%
Cadence	80.00	3	0.09%
DC Advisory	65.25	1	0.07%
Stifel	65.00	1	0.07%
Janney	30.00	1	0.03%
Wedbush	28.00	2	0.03%
FinPro Capital	20.00	1	0.02%
Boenning	15.00	1	0.02%
Baird	11.84	1	0.01%

Source: Private Placement Monitor

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US Private Placement League Table			
Domestic Deals	2020 \$mm	Issuer Count	Market Share
BofA	12444.07	61	19.06%
JPM	11069.49	49	16.95%
GS	4116.00	20	6.30%
MUFG	3814.20	24	5.84%
USBank	3440.47	37	5.27%
WFS	3178.09	21	4.87%
Mesirow	2979.87	25	4.56%
Citi	2792.87	17	4.28%
Piper Sandler	2427.13	62	3.72%
MS	2198.83	8	3.37%
RBC	1686.20	13	2.58%
KeyBanc	1673.50	17	2.56%
PNC	1433.33	16	2.19%
Mizuho	1420.08	15	2.17%
Scotia	1172.90	17	1.80%
SMBC	1116.60	10	1.71%
TD	1046.33	15	1.60%
Jefferies	920.50	4	1.41%
BNPP	695.90	7	1.07%
CIBC	625.45	11	0.96%
Barclays	601.02	6	0.92%
Natixis	545.37	4	0.84%
Huntington	543.40	8	0.83%
Waterway	457.60	11	0.70%
NatWest	429.00	2	0.66%
Bostonia	399.00	13	0.61%
Keefe	299.50	4	0.46%
Stephens	240.00	3	0.37%
NBF	239.25	1	0.37%
CTL Capital	194.00	1	0.30%
HSBC	178.27	3	0.27%
DB	150.00	1	0.23%
Raymond James	127.00	3	0.19%
CGA	120.00	3	0.18%
DA Davidson	104.50	3	0.16%
Santander	101.75	1	0.16%
Performance Trust	98.00	5	0.15%
Cadence	80.00	3	0.12%
DNB	37.50	1	0.06%
Janney	30.00	1	0.05%
Wedbush	28.00	2	0.04%
FinPro Capital	20.00	1	0.03%
Boenning	15.00	1	0.02%
Baird	11.84	1	0.02%

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US Private Placement League Table			
Cross-Border Deals	2020 \$mm	Issuer Count	Market Share
BofA	4222.30	26	15.77%
Citi	3174.08	21	11.85%
RBC	2185.13	10	8.16%
MUFG	1908.24	11	7.13%
JPM	1530.59	6	5.72%
Barclays	1368.24	10	5.11%
NatWest	1259.24	10	4.70%
HSBC	1100.04	9	4.11%
Santander	977.03	9	3.65%
Mizuho	818.33	5	3.06%
BNPP	785.03	5	2.93%
ABN AMRO	749.30	6	2.80%
CA	628.07	3	2.35%
Lloyds	597.35	6	2.23%
Rabobank	559.35	6	2.09%
WFS	516.31	4	1.93%
SG	499.90	4	1.87%
DNB	403.00	3	1.50%
Cantor	383.90	1	1.43%
GS	360.11	2	1.34%
Centrus	330.85	3	1.24%
CBA	325.33	4	1.21%
NAB	286.39	3	1.07%
SMBC	273.83	3	1.02%
Scotia	255.69	3	0.95%
TD	249.65	2	0.93%
MS	248.83	2	0.93%
ING	193.24	2	0.72%
CIBC	167.96	2	0.63%
CS	117.00	1	0.44%
DB	95.15	1	0.36%
NBF	79.78	1	0.30%
DC Advisory	65.25	1	0.24%
Stifel	65.00	1	0.24%

Source: Private Placement Monitor

Full credit is given to the lead agent; equal credit to co-lead agents; no credit to co-agents. Deal circle date used. Direct deals are not included in this League Table, but are included in other PPM volume studies. All agents do not provide details and their share could rely on Private Placement Monitor market intelligence.

Private Placement Monitor			
US Private Placement League Table			
European Issuers	2020 \$mm	Issuer Count	Market Share
Citi	2232.90	15	12.20%
BofA	1592.95	13	8.70%
MUFG	1304.52	7	7.13%
RBC	1290.61	6	7.05%
NatWest	1259.24	10	6.88%
Barclays	1057.34	7	5.78%
HSBC	1046.85	8	5.72%
Santander	977.03	9	5.34%
BNPP	785.03	5	4.29%
ABN AMRO	749.30	6	4.09%
JPM	662.35	4	3.62%
CA	628.07	3	3.43%
Lloyds	597.35	6	3.26%
Rabobank	509.35	5	2.78%
SG	451.50	3	2.47%
WFS	415.79	3	2.27%
Cantor	383.90	1	2.10%
Mizuho	352.90	2	1.93%
Centrus	330.85	3	1.81%
GS	286.28	1	1.56%
ING	193.24	2	1.06%
MS	175.00	1	0.96%
DNB	150.00	2	0.82%
SMBC	150.00	1	0.82%
TD	149.65	1	0.82%
CIBC	130.60	1	0.71%
CS	117.00	1	0.64%
CBA	100.00	1	0.55%
DB	95.15	1	0.52%
DC Advisory	65.25	1	0.36%
Stifel	65.00	1	0.36%
Source: Private Placement Monitor			

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US Private Placement League Table			
UK - Ireland Issuers	2020 \$mm	Issuer Count	Market Share
NatWest	1259.24	10	11.20%
BofA	1245.63	8	11.08%
HSBC	1046.85	8	9.31%
MUFG	997.51	5	8.87%
Barclays	977.34	6	8.69%
Citi	890.05	7	7.91%
Santander	881.89	8	7.84%
RBC	772.70	3	6.87%
Lloyds	597.35	6	5.31%
WFS	415.79	3	3.70%
Cantor	383.90	1	3.41%
Centrus	330.85	3	2.94%
SG	300.00	1	2.67%
JPM	212.79	2	1.89%
MS	175.00	1	1.56%
SMBC	150.00	1	1.33%
TD	149.65	1	1.33%
CIBC	130.60	1	1.16%
CBA	100.00	1	0.89%
Rabobank	97.85	1	0.87%
DC Advisory	65.25	1	0.58%
Stifel	65.00	1	0.58%
Source: Private Placement Monitor			

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US Private Placement League Table			
Australia & New Zealand Issuers	2020 \$mm	Issuer Count	Market Share
BofA	1663.11	8	34.86%
Citi	675.00	4	14.15%
MUFG	555.32	3	11.64%
Mizuho	465.43	3	9.76%
RBC	343.92	1	7.21%
NAB	286.39	3	6.00%
JPM	250.00	1	5.24%
CBA	225.33	3	4.72%
Scotia	155.69	2	3.26%
WFS	100.53	1	2.11%
SMBC	50.00	1	1.05%
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