

Private Placement Monitor			
US Private Placements League Table			
All Deals	2019 \$mm	Issuer Count	Market Share
BAML	13536.59	79	14.47%
JPM	8427.85	51	9.01%
MUFG	6219.78	34	6.65%
CITI	4869.35	29	5.20%
MIZUHO	4414.10	22	4.72%
RBC	4281.41	20	4.58%
BARCLAYS	4135.21	22	4.42%
GS	3742.74	20	4.00%
NWM	3249.09	27	3.47%
WFS	2781.93	26	2.97%
KEYBANC	2707.10	28	2.89%
SG	2422.91	10	2.59%
SCOTIA	2260.76	17	2.42%
SMBC	2259.92	15	2.42%
NAB	2171.89	12	2.32%
CA	2132.74	15	2.28%
USBANK	1971.80	25	2.11%
MESIROW	1936.62	39	2.07%
MS	1923.39	11	2.06%
TD	1813.33	10	1.94%
LLOYDS	1594.46	12	1.70%
SANTANDER	1431.09	14	1.53%
PIPER SANDLER	1355.15	34	1.45%
CGA	1299.16	14	1.39%
HSBC	1210.86	12	1.29%
CIBC	764.42	7	0.82%
WHITEHALL	748.20	3	0.80%
CBA	586.66	4	0.63%
PNC	583.00	9	0.62%
CS	561.73	5	0.60%
NBF	484.27	2	0.52%
BANCA IMI	453.90	3	0.49%
PARETO	449.00	4	0.48%
NATIXIS	444.45	4	0.47%
BNPP	433.33	4	0.46%
BOSTONIA	374.00	11	0.40%
ING	337.86	4	0.36%
HUNTINGTON	337.50	2	0.36%
DB	294.06	3	0.31%
SUNTRUST	277.50	3	0.30%
CTL CAPITAL	245.00	1	0.26%
WATERWAY	245.00	2	0.26%
WESTWOOD CAPITAL	205.00	1	0.22%
CENTRUS	189.80	2	0.20%
CANTOR	188.85	1	0.20%
BBVA	168.17	2	0.18%
JEFFERIES	168.00	1	0.18%
JCRA	133.00	1	0.14%
GUGGENHEIM	125.35	1	0.13%
STIFEL	120.90	2	0.13%
RABOBANK	120.00	1	0.13%
JLL	80.00	1	0.09%
IDCM	76.40	1	0.08%
TRADERISKS	52.60	1	0.06%
RUBICON	45.75	1	0.05%
BB&T	35.00	1	0.04%
RAYMOND JAMES	35.00	1	0.04%
LOOP CAPITAL	32.00	1	0.03%
BLAYLOCK	28.00	1	0.03%

Source: Private Placement Monitor

Private Placement Monitor			
US Private Placements League Table			
Domestic Deals	2019 \$mm	Issuer Count	Market Share
BAML	9486.93	58	17.00%
JPM	4825.35	32	8.64%
MUFG	4248.79	23	7.61%
MIZUHO	3563.80	18	6.38%
GS	3546.17	19	6.35%
WFS	2721.93	25	4.88%
KEYBANC	2707.10	28	4.85%
BARCLAYS	2010.89	10	3.60%
USBANK	1971.80	25	3.53%
MESIROW	1936.62	39	3.47%
CITI	1742.54	11	3.12%
TD	1663.33	9	2.98%
MS	1460.79	9	2.62%
SG	1418.50	4	2.54%
PIPER SANDLER	1355.15	34	2.43%
CGA	1299.16	14	2.33%
SMBC	1075.87	4	1.93%
RBC	1037.12	9	1.86%
SCOTIA	987.42	10	1.77%
PNC	583.00	9	1.04%
CIBC	563.49	6	1.01%
CS	561.73	5	1.01%
CA	537.93	5	0.96%
BOSTONIA	365.37	10	0.65%
HUNTINGTON	337.50	2	0.60%
NAB	335.00	1	0.60%
WHITEHALL	283.10	2	0.51%
SUNTRUST	277.50	3	0.50%
SANTANDER	267.83	4	0.48%
BNPP	250.00	2	0.45%
PARETO	249.00	3	0.45%
NATIXIS	248.75	2	0.45%
CTL CAPITAL	245.00	1	0.44%
WATERWAY	245.00	2	0.44%
WESTWOOD CAPITAL	205.00	1	0.37%
CANTOR	188.85	1	0.34%
JEFFERIES	168.00	1	0.30%
HSBC	166.67	1	0.30%
GUGGENHEIM	125.35	1	0.22%
ING	100.33	2	0.18%
DB	97.50	2	0.17%
JLL	80.00	1	0.14%
STIFEL	78.20	1	0.14%
NWM	72.50	1	0.13%
BB&T	35.00	1	0.06%
RAYMOND JAMES	35.00	1	0.06%
LOOP CAPITAL	32.00	1	0.06%
BLAYLOCK	28.00	1	0.05%

Source: Private Placement Monitor

Private Placement Monitor			
US Private Placements League Table			
Cross-Border Deals	2019 \$mm	Issuer Count	Market Share
BAML	4049.66	21	10.73%
JPM	3602.50	19	9.54%
RBC	3244.29	11	8.59%
NWM	3176.59	26	8.41%
CITI	3126.81	18	8.28%
BARCLAYS	2124.32	12	5.63%
MUFG	1970.99	11	5.22%
NAB	1836.89	11	4.87%
CA	1594.80	10	4.22%
LLOYDS	1594.46	12	4.22%
SCOTIA	1273.34	7	3.37%
SMBC	1184.05	11	3.14%
SANTANDER	1163.26	10	3.08%
HSBC	1044.20	11	2.77%
SG	1004.41	6	2.66%
MIZUHO	850.30	4	2.25%
CBA	586.66	4	1.55%
NBF	484.27	2	1.28%
WHITEHALL	465.10	1	1.23%
MS	462.60	2	1.23%
BANCA IMI	453.90	3	1.20%
ING	237.53	2	0.63%
CIBC	200.93	1	0.53%
PARETO	200.00	1	0.53%
DB	196.56	1	0.52%
GS	196.56	1	0.52%
NATIXIS	195.70	2	0.52%
CENTRUS	189.80	2	0.50%
BNPP	183.33	2	0.49%
BBVA	168.17	2	0.45%
TD	150.00	1	0.40%
JCRA	133.00	1	0.35%
RABOBANK	120.00	1	0.32%
IDCM	76.40	1	0.20%
WFS	60.00	1	0.16%
TRADERISKS	52.60	1	0.14%
RUBICON	45.75	1	0.12%
STIFEL	42.70	1	0.11%
BOSTONIA	8.63	1	0.02%

Source: Private Placement Monitor

Private Placement Monitor			
US Private Placements League Table			
European Issuers	2019 \$mm	Issuer Count	Market Share
NatWest	3176.59	26	14.97%
BAML	2206.65	10	10.40%
CITI	1819.14	11	8.57%
LLOYDS	1594.46	12	7.51%
BARCLAYS	1550.01	10	7.30%
JPM	1490.31	9	7.02%
SANTANDER	1096.86	9	5.17%
CA	986.40	6	4.65%
SG	934.41	4	4.40%
MUFG	882.09	6	4.16%
RBC	737.50	3	3.47%
SMBC	500.81	4	2.36%
WHITEHALL	465.10	1	2.19%
HSBC	465.09	6	2.19%
MS	462.60	2	2.18%
BANCA IMI	453.90	3	2.14%
NAB	280.00	3	1.32%
MIZUHO	275.00	1	1.30%
ING	237.53	2	1.12%
PARETO	200.00	1	0.94%
DB	196.56	1	0.93%
GS	196.56	1	0.93%
NATIXIS	195.70	2	0.92%
CENTRUS	189.80	2	0.89%
SCOTIA	133.24	1	0.63%
JCRA	133.00	1	0.63%
BBVA	101.77	1	0.48%
IDCM	76.40	1	0.36%
TRADERISKS	52.60	1	0.25%
RUBICON	45.75	1	0.22%
BNPP	45.00	1	0.21%
STIFEL	42.70	1	0.20%

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. All agents do not provide details and their share could rely on Private Placement Monitor market intelligence. Direct deals are not included in this League Table, but are included in other PPM volume studies.