

| Private Placement Monitor | | | |
|--|-----------|--------------|--------------|
| US Private Placements League Table | | | |
| All Deals | 2021 \$mm | Issuer Count | Market Share |
| GS | 15835.16 | 33 | 13.79% |
| BofA | 15658.99 | 65 | 13.64% |
| JPM | 8297.10 | 47 | 7.23% |
| MUFG | 4965.20 | 32 | 4.32% |
| Citi | 4834.05 | 29 | 4.21% |
| Mizuho | 3846.29 | 26 | 3.35% |
| WFS | 3783.44 | 31 | 3.29% |
| KeyBanc | 3689.96 | 28 | 3.21% |
| NatWest | 3675.01 | 25 | 3.20% |
| Mesirow | 3386.90 | 71 | 2.95% |
| BNPP | 3131.04 | 13 | 2.73% |
| Piper Sandler | 2932.00 | 61 | 2.55% |
| CIBC | 2908.78 | 14 | 2.53% |
| SG | 2774.55 | 10 | 2.42% |
| USBank | 2579.18 | 25 | 2.25% |
| RBC | 2398.60 | 17 | 2.09% |
| Barclays | 2255.90 | 17 | 1.96% |
| TD | 1993.31 | 21 | 1.74% |
| NAB | 1855.10 | 9 | 1.62% |
| SMBC | 1657.02 | 9 | 1.44% |
| Scotia | 1644.33 | 18 | 1.43% |
| Santander | 1600.06 | 5 | 1.39% |
| Performance Trust | 1440.10 | 82 | 1.25% |
| CGA | 1315.50 | 10 | 1.15% |
| HSBC | 1271.83 | 9 | 1.11% |
| CTL Capital | 1176.00 | 13 | 1.02% |
| Jefferies | 1170.10 | 3 | 1.02% |
| Lloyds | 1133.53 | 20 | 0.99% |
| PNC | 1020.60 | 15 | 0.89% |
| CS | 1019.36 | 8 | 0.89% |
| MS | 868.90 | 7 | 0.76% |
| Guggenheim | 730.00 | 2 | 0.64% |
| ING | 675.38 | 5 | 0.59% |
| CA | 643.06 | 4 | 0.56% |
| NBF | 552.75 | 3 | 0.48% |
| Truist | 520.00 | 1 | 0.45% |
| Keefe | 467.50 | 9 | 0.41% |
| CBA | 462.40 | 4 | 0.40% |
| Natixis | 368.25 | 3 | 0.32% |
| Huntington | 350.50 | 2 | 0.31% |
| ANZ | 328.85 | 1 | 0.29% |
| Nomura | 284.50 | 1 | 0.25% |
| Pareto | 279.50 | 4 | 0.24% |
| ABGSC | 276.00 | 1 | 0.24% |
| Rabobank | 228.00 | 1 | 0.20% |
| Centrus | 221.30 | 2 | 0.19% |
| ABN AMRO | 215.33 | 2 | 0.19% |
| BMO | 203.06 | 4 | 0.18% |
| APOLLO | 200.00 | 1 | 0.17% |
| DB | 200.00 | 1 | 0.17% |
| Raymond James | 190.00 | 4 | 0.17% |
| BBVA | 183.33 | 1 | 0.16% |
| Bostonia | 164.00 | 5 | 0.14% |
| Janney | 136.25 | 7 | 0.12% |
| D.A. Davidson | 127.50 | 4 | 0.11% |
| Brean | 120.00 | 3 | 0.10% |
| Regions | 117.25 | 2 | 0.10% |
| Waterway | 104.30 | 2 | 0.09% |
| SEB | 70.73 | 1 | 0.06% |
| Boenning | 53.00 | 3 | 0.05% |
| Whitehall | 31.50 | 1 | 0.03% |
| FinPro Capital | 30.00 | 1 | 0.03% |
| Hovde | 30.00 | 1 | 0.03% |
| IMI | 24.82 | 2 | 0.02% |
| Stern Brothers | 24.82 | 2 | 0.02% |
| Synovus | 24.82 | 2 | 0.02% |
| Wolfe Capital | 24.82 | 2 | 0.02% |
| MJC Partners | 15.00 | 1 | 0.01% |
| Zions | 12.59 | 1 | 0.01% |
| CL King | 12.41 | 2 | 0.01% |
| Loop Capital | 12.41 | 2 | 0.01% |
| | | | |
| | | | |
| Total Agented | 114833.89 | | |
| Direct Deals | 9319.94 | 79 | |
| Agented + Direct | 124153.83 | | |
| Source: Private Placement Monitor | | | |

| Private Placement Monitor | | | |
|--|-----------|--------------|--------------|
| US Private Placements League Table | | | |
| Domestic Deals | 2021 \$mm | Issuer Count | Market Share |
| GS | 11658.10 | 28 | 15.10% |
| BofA | 11512.12 | 49 | 14.91% |
| JPM | 6731.15 | 36 | 8.72% |
| KeyBanc | 3689.96 | 28 | 4.78% |
| Mesirow | 3386.90 | 71 | 4.39% |
| WFS | 3186.38 | 28 | 4.13% |
| Piper Sandler | 2932.00 | 61 | 3.80% |
| Mizuho | 2796.79 | 23 | 3.62% |
| Citi | 2778.31 | 16 | 3.60% |
| MUFG | 2762.60 | 20 | 3.58% |
| USBank | 2579.18 | 25 | 3.34% |
| CIBC | 2155.81 | 10 | 2.79% |
| TD | 1911.61 | 20 | 2.48% |
| RBC | 1836.50 | 12 | 2.38% |
| Performance Trust | 1440.10 | 82 | 1.87% |
| CGA | 1315.50 | 10 | 1.70% |
| CTL Capital | 1176.00 | 13 | 1.52% |
| PNC | 1020.60 | 15 | 1.32% |
| CS | 1019.36 | 8 | 1.32% |
| Barclays | 963.30 | 6 | 1.25% |
| SG | 918.00 | 4 | 1.19% |
| Scotia | 871.68 | 12 | 1.13% |
| BNPP | 847.30 | 5 | 1.10% |
| SMBC | 735.52 | 5 | 0.95% |
| Guggenheim | 730.00 | 2 | 0.95% |
| HSBC | 667.05 | 3 | 0.86% |
| Truist | 520.00 | 1 | 0.67% |
| MS | 505.56 | 5 | 0.65% |
| CA | 495.56 | 3 | 0.64% |
| Keefe | 467.50 | 9 | 0.61% |
| Jefferies | 368.60 | 2 | 0.48% |
| Huntington | 350.50 | 2 | 0.45% |
| Nomura | 284.50 | 1 | 0.37% |
| NatWest | 213.27 | 4 | 0.28% |
| BMO | 203.06 | 4 | 0.26% |
| APOLLO | 200.00 | 1 | 0.26% |
| DB | 200.00 | 1 | 0.26% |
| Raymond James | 190.00 | 4 | 0.25% |
| Pareto | 172.50 | 3 | 0.22% |
| Bostonia | 164.00 | 5 | 0.21% |
| Natixis | 141.00 | 1 | 0.18% |
| Janney | 136.25 | 7 | 0.18% |
| D.A. Davidson | 127.50 | 4 | 0.17% |
| Santander | 120.56 | 2 | 0.16% |
| Brean | 120.00 | 3 | 0.16% |
| Regions | 117.25 | 2 | 0.15% |
| Waterway | 104.30 | 2 | 0.14% |
| ING | 69.27 | 1 | 0.09% |
| Boenning | 53.00 | 3 | 0.07% |
| Whitehall | 31.50 | 1 | 0.04% |
| FinPro Capital | 30.00 | 1 | 0.04% |
| Hovde | 30.00 | 1 | 0.04% |
| IMI | 24.82 | 2 | 0.03% |
| Stern Brothers | 24.82 | 2 | 0.03% |
| Synovus | 24.82 | 2 | 0.03% |
| Wolfe Capital | 24.82 | 2 | 0.03% |
| CBA | 22.50 | 1 | 0.03% |
| MJC Partners | 15.00 | 1 | 0.02% |
| Zions | 12.59 | 1 | 0.02% |
| CL King | 12.41 | 2 | 0.02% |
| Loop Capital | 12.41 | 2 | 0.02% |
| | | | |
| | | | |
| Total Agented | 77211.73 | | |
| Direct Deals | 4065.10 | 35 | |
| Agented + Direct | 81276.83 | | |
| Source: Private Placement Monitor | | | |

| Private Placement Monitor | | | |
|--|-----------|--------------|--------------|
| US Private Placements League Table | | | |
| Cross-Border Deals | 2021 \$mm | Issuer Count | Market Share |
| GS | 4177.07 | 5 | 11.10% |
| BofA | 4146.87 | 16 | 11.02% |
| NatWest | 3461.74 | 21 | 9.20% |
| BNPP | 2283.74 | 8 | 6.07% |
| MUFG | 2202.60 | 12 | 5.85% |
| Citi | 2055.74 | 13 | 5.46% |
| SG | 1856.55 | 6 | 4.93% |
| NAB | 1855.10 | 9 | 4.93% |
| JPM | 1565.95 | 11 | 4.16% |
| Santander | 1479.50 | 3 | 3.93% |
| Barclays | 1292.60 | 11 | 3.44% |
| Lloyds | 1133.53 | 20 | 3.01% |
| Mizuho | 1049.50 | 3 | 2.79% |
| SMBC | 921.50 | 4 | 2.45% |
| Jefferies | 801.50 | 1 | 2.13% |
| Scotia | 772.65 | 6 | 2.05% |
| CIBC | 752.97 | 4 | 2.00% |
| ING | 606.11 | 4 | 1.61% |
| HSBC | 604.78 | 6 | 1.61% |
| WFS | 597.06 | 3 | 1.59% |
| RBC | 562.10 | 5 | 1.49% |
| NBF | 552.75 | 3 | 1.47% |
| CBA | 439.90 | 3 | 1.17% |
| MS | 363.33 | 2 | 0.97% |
| ANZ | 328.85 | 1 | 0.87% |
| ABGSC | 276.00 | 1 | 0.73% |
| Rabobank | 228.00 | 1 | 0.61% |
| Natixis | 227.25 | 2 | 0.60% |
| Centrus | 221.30 | 2 | 0.59% |
| ABN AMRO | 215.33 | 2 | 0.57% |
| BBVA | 183.33 | 1 | 0.49% |
| CA | 147.50 | 1 | 0.39% |
| Pareto | 107.00 | 1 | 0.28% |
| TD | 81.70 | 1 | 0.22% |
| SEB | 70.73 | 1 | 0.19% |
| | | | |
| | | | |
| Total Agented | 37622.15 | | |
| Direct Deals | 5254.84 | 44 | |
| Agented + Direct | 42876.99 | | |
| 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.