

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                           |     | VOLUME<br>NOV 2024 | VOLUME<br>NOV 2023 | % CHG  | VOLUME<br>OCT 2024 | % CHG   | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG   |
|-------------------------------------|-----|--------------------|--------------------|--------|--------------------|---------|----------------------|----------------------|---------|
| <b>Ag Products Futures</b>          |     |                    |                    |        |                    |         |                      |                      |         |
| IN DELIVERY EUA                     | ECF | 11,197             | 0                  | -      | 28,923             | -61.3%  | 73,085               | 0                    | -       |
| <b>Energy Futures</b>               |     |                    |                    |        |                    |         |                      |                      |         |
| CRUDE OIL PHY                       | CL  | 16,063,532         | 16,355,332         | -1.8%  | 20,787,060         | -22.7%  | 205,349,233          | 190,781,649          | 7.6%    |
| CRUDE OIL                           | WS  | 0                  | 0                  | 0.0%   | 0                  | -       | 0                    | 0                    | 0.0%    |
| MINY WTI CRUDE OIL                  | QM  | 156,887            | 287,071            | -45.3% | 240,645            | -34.8%  | 2,244,548            | 3,419,831            | -34.4%  |
| BRENT OIL LAST DAY                  | BZ  | 2,484,408          | 1,383,608          | 79.6%  | 3,364,386          | -26.2%  | 24,347,233           | 13,962,350           | 74.4%   |
| HEATING OIL PHY                     | HO  | 3,413,304          | 3,390,397          | 0.7%   | 4,074,981          | -16.2%  | 41,512,995           | 36,624,674           | 13.3%   |
| HTG OIL                             | BH  | 0                  | 0                  | 0.0%   | 36                 | -100.0% | 132                  | 96                   | 37.5%   |
| MINY HTG OIL                        | QH  | 5                  | 15                 | -66.7% | 11                 | -54.5%  | 87                   | 121                  | -28.1%  |
| RBOB PHY                            | RB  | 3,707,317          | 3,044,268          | 21.8%  | 3,748,450          | -1.1%   | 43,229,942           | 39,940,350           | 8.2%    |
| MINY RBOB GAS                       | QU  | 6                  | 5                  | 20.0%  | 5                  | 20.0%   | 73                   | 97                   | -24.7%  |
| NATURAL GAS                         | HP  | 284,187            | 236,629            | 20.1%  | 265,197            | 7.2%    | 2,893,866            | 2,224,783            | 30.1%   |
| LTD NAT GAS                         | HH  | 578,840            | 458,211            | 26.3%  | 564,760            | 2.5%    | 4,802,208            | 4,002,725            | 20.0%   |
| MINY NATURAL GAS                    | QG  | 136,864            | 184,278            | -25.7% | 115,218            | 18.8%   | 1,488,139            | 2,414,362            | -38.4%  |
| NATURAL GAS PHY                     | NG  | 12,232,791         | 8,715,624          | 40.4%  | 11,773,261         | 3.9%    | 117,747,890          | 92,209,663           | 27.7%   |
| RBOB GAS                            | RT  | 0                  | 0                  | 0.0%   | 24                 | -100.0% | 72                   | 72                   | 0.0%    |
| AEP-DAYTON HUB DAILY                | VD  | 0                  | 0                  | 0.0%   | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| ARGUS LLS VS. WTI (ARG) T           | E5  | 465                | 2,815              | -83.5% | 2,470              | -81.2%  | 19,170               | 38,000               | -49.6%  |
| ARGUS PROPAN FAR EST INDE           | 7E  | 5,368              | 9,026              | -40.5% | 6,590              | -18.5%  | 74,924               | 104,024              | -28.0%  |
| ARGUS PROPAN(SAUDI ARAMCO           | 9N  | 1,719              | 3,063              | -43.9% | 1,419              | 21.1%   | 18,134               | 31,874               | -43.1%  |
| BRENT BALMO SWAP                    | J9  | 0                  | 0                  | 0.0%   | 0                  | 0.0%    | 50                   | 85                   | -41.2%  |
| BRENT CALENDAR SWAP                 | CY  | 10,857             | 6,733              | 61.3%  | 3,104              | 249.8%  | 88,575               | 100,107              | -11.5%  |
| BRENT FINANCIAL FUTURES             | MBC | 10                 | 0                  | 0.0%   | 0                  | 0.0%    | 10                   | 360                  | -97.2%  |
| BRENT OIL LAST DAY                  | BZL | 0                  | 0                  | 0.0%   | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| BRENT OIL LAST DAY                  | BZS | 0                  | 0                  | 0.0%   | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| CAR VINTAGE                         | GEO | 2,084              | 15,968             | -86.9% | 12,961             | -83.9%  | 74,944               | 108,594              | -31.0%  |
| CAR VINTAGE                         | NGO | 1,764              | 12,742             | -86.2% | 10,684             | -83.5%  | 60,537               | 72,939               | -17.0%  |
| CEU ENERGY                          | TFU | 0                  | 0                  | 0.0%   | 0                  | 0.0%    | 0                    | 330                  | -100.0% |
| CEU ENERGY                          | TTG | 10,214             | 7,532              | 35.6%  | 8,172              | 25.0%   | 30,680               | 7,869                | 289.9%  |
| CHICAGO ETHANOL SWAP                | CU  | 64,249             | 84,030             | -23.5% | 67,475             | -4.8%   | 992,327              | 854,881              | 16.1%   |
| CHICAGO ULSD PL VS HO SPR           | 5C  | 244                | 631                | -61.3% | 1,011              | -75.9%  | 10,515               | 10,446               | 0.7%    |
| CHICAGO UNL GAS PL VS RBO           | 3C  | 150                | 300                | -50.0% | 0                  | 0.0%    | 1,735                | 300                  | 478.3%  |
| CONWAY NATURAL GASOLINE (OPIS) SWAP | 8L  | 175                | 131                | 33.6%  | 130                | 34.6%   | 2,291                | 833                  | 175.0%  |

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| <b>Energy Futures</b>               |     |                    |                    |         |                    |          |                      |                      |         |
| CONWAY NORMAL BUTANE (OPIS) SWAP    | 8M  | 50                 | 312                | -84.0%  | 85                 | -41.2%   | 2,643                | 5,206                | -49.2%  |
| CONWAY PROPANE 5 DECIMALS SWAP      | 8K  | 17,253             | 14,088             | 22.5%   | 19,255             | -10.4%   | 208,880              | 199,137              | 4.9%    |
| CRUDE OIL LAST DAY                  | 26  | 613                | 326                | 88.0%   | 1,117              | -45.1%   | 7,989                | 4,253                | 87.8%   |
| CRUDE OIL OUTRIGHTS                 | 42  | 1,124              | 590                | 90.5%   | 1,546              | -27.3%   | 11,450               | 5,818                | 96.8%   |
| CRUDE OIL OUTRIGHTS                 | CC5 | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| CRUDE OIL OUTRIGHTS                 | CSW | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| CRUDE OIL OUTRIGHTS                 | GSW | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| CRUDE OIL OUTRIGHTS                 | HTB | 18,188             | 0                  | -       | 11,440             | 59.0%    | 72,496               | 0                    | -       |
| CRUDE OIL OUTRIGHTS                 | HTT | 272,079            | 108,992            | 149.6%  | 307,943            | -11.6%   | 2,525,713            | 1,547,792            | 63.2%   |
| CRUDE OIL OUTRIGHTS                 | LSW | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 100                  | -100.0% |
| CRUDE OIL OUTRIGHTS                 | WCW | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| CRUDE OIL OUTRIGHTS                 | WTB | 627                | 0                  | -       | 0                  | 0.0%     | 902                  | 0                    | -       |
| CRUDE OIL OUTRIGHTS                 | XTT | 0                  | 0                  | -       | 500                | -100.0%  | 500                  | 0                    | -       |
| CRUDE OIL PHY                       | CLL | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| CRUDE OIL PHY                       | MCL | 1,579,113          | 2,281,953          | -30.8%  | 2,321,783          | -32.0%   | 18,926,229           | 22,289,621           | -15.1%  |
| CRUDE OIL SPRDS                     | ANT | 300                | 707                | -57.6%  | 0                  | 0.0%     | 5,829                | 7,870                | -25.9%  |
| CRUDE OIL SPRDS                     | BKT | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 750                  | -100.0% |
| CRUDE OIL SPRDS                     | HIL | 0                  | 0                  | 0.0%    | 90                 | -100.0%  | 90                   | 0                    | 0.0%    |
| CRUDE OIL SPRDS                     | WTT | 87,882             | 54,773             | 60.4%   | 138,779            | -36.7%   | 1,108,216            | 677,181              | 63.7%   |
| CRUDE OIL TRADE AT MARKER SINGAPORE | CLS | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | AOR | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | IDO | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | NOC | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| DAILY PJM                           | WOR | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| DATED BRENT (PLATTS) DAILY SWAP     | 7G  | 0                  | 0                  | -       | 0                  | 0.0%     | 1,100                | 0                    | -       |
| DATED TO FRONTLINE BRENT            | FY  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%    |
| DIESEL 10P BRG FOB RDM VS           | 7X  | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| DUBAI CRUDE OIL CALENDAR            | DC  | 0                  | 1,500              | -100.0% | 0                  | 0.0%     | 1,100                | 3,800                | -71.1%  |
| DUTCH TTF NATURAL GAS CAL MONTH FUT | TTF | 285,107            | 42,596             | 569.3%  | 6,622              | 4,205.5% | 448,576              | 286,679              | 56.5%   |
| EIA FLAT TAX ONHWAY DIESE           | A5  | 192                | 180                | 6.7%    | 447                | -57.0%   | 2,843                | 1,834                | 55.0%   |
| EMMISSIONS                          | ACU | 0                  | 0                  | -       | 5                  | -100.0%  | 5                    | 0                    | -       |
| EMMISSIONS                          | CGO | 0                  | 2,699              | -100.0% | 0                  | 0.0%     | 539                  | 26,046               | -97.9%  |
| ETHANOL                             | MTH | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%    |
| ETHANOL                             | Z1B | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 32                   | 36                   | -11.1%  |
| ETHANOL SWAP                        | MT2 | 60                 | 130                | -53.8%  | 190                | -68.4%   | 1,297                | 3,020                | -57.1%  |
| ETHANOL T2 FOB ROTT INCL DUTY SWAP  | Z1  | 3,587              | 5,250              | -31.7%  | 3,269              | 9.7%     | 43,286               | 47,076               | -8.1%   |



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|------------------------------------|-----|--------------------|--------------------|------------|--------------------|--------|----------------------|----------------------|------------|
| <b>Energy Futures</b>              |     |                    |                    |            |                    |        |                      |                      |            |
| EURO 3.5% FUEL OIL RDAM B          | KR  | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 73                   | 126                  | -42.1%     |
| EURO GASOIL 10 CAL SWAP            | GT  | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 0                    | 0                    | 0.0%       |
| EURO GASOIL 10PPM VS ICE           | ET  | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 0                    | 0                    | 0.0%       |
| EUROPE 1% FUEL OIL NWE CA          | UF  | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 0                    | 0                    | 0.0%       |
| EUROPE 3.5% FUEL OIL RDAM          | UV  | 57                 | 61                 | -6.6%      | 9                  | 533.3% | 1,028                | 370                  | 177.8%     |
| EUROPEAN GASOIL (ICE)              | 7F  | 94,014             | 33                 | 284,790.9% | 211,964            | -55.6% | 881,268              | 374                  | 235,533.2% |
| EUROPEAN NAPHTHA BALMO             | KZ  | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 115                  | 127                  | -9.4%      |
| EUROPEAN NAPHTHA CRACK SPR         | EN  | 1,913              | 2,167              | -11.7%     | 1,441              | 32.8%  | 24,493               | 35,775               | -31.5%     |
| EUROPE DATED BRENT SWAP            | UB  | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 2,600                | 0                    | 0.0%       |
| EUROPE NAPHTHA CALSWAP             | UN  | 180                | 880                | -79.5%     | 418                | -56.9% | 4,778                | 9,971                | -52.1%     |
| EURO PROPANE CIF ARA SWA           | PS  | 955                | 1,795              | -46.8%     | 1,032              | -7.5%  | 11,961               | 22,154               | -46.0%     |
| FREIGHT MARKETS                    | BG2 | 1,356              | 0                  | -          | 357                | 279.8% | 3,648                | 0                    | -          |
| FREIGHT MARKETS                    | BL2 | 360                | 720                | -50.0%     | 0                  | 0.0%   | 1,100                | 2,272                | -51.6%     |
| FREIGHT MARKETS                    | CS3 | 0                  | 0                  | 0.0%       | 0                  | -      | 0                    | 0                    | 0.0%       |
| FREIGHT MARKETS                    | CS4 | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 0                    | 70                   | -100.0%    |
| FREIGHT MARKETS                    | FLJ | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 3                    | 46                   | -93.5%     |
| FREIGHT MARKETS                    | FLP | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 15                   | 54                   | -72.2%     |
| FREIGHT MARKETS                    | FRC | 0                  | 0                  | 0.0%       | 0                  | -      | 0                    | 0                    | 0.0%       |
| FREIGHT MARKETS                    | T2D | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 0                    | 0                    | 0.0%       |
| FREIGHT MARKETS                    | TC6 | 0                  | 0                  | 0.0%       | 0                  | -      | 0                    | 0                    | 0.0%       |
| FREIGHT MARKETS                    | TD3 | 0                  | 0                  | 0.0%       | 0                  | -      | 0                    | 0                    | 0.0%       |
| FUEL OIL CRACK VS ICE              | FO  | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 1,320                | 0                    | 0.0%       |
| FUEL OIL NWE CRACK VS ICE          | FI  | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 0                    | 30                   | -100.0%    |
| FUELOIL SWAP:CARGOES VS.B          | FS  | 0                  | 0                  | 0.0%       | 0                  | -      | 0                    | 0                    | 0.0%       |
| GAS EURO-BOB OXY NWE BARGES        | 7H  | 1,675              | 238                | 603.8%     | 759                | 120.7% | 8,606                | 3,279                | 162.5%     |
| GAS EURO-BOB OXY NWE BARGES CRK    | 7K  | 6,418              | 1,673              | 283.6%     | 3,819              | 68.1%  | 40,045               | 22,611               | 77.1%      |
| GASOIL 0.1CIF MED VS ICE           | Z5  | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 0                    | 0                    | 0.0%       |
| GASOIL 0.1 RDAM BRGS VS I          | WQ  | 0                  | 0                  | 0.0%       | 0                  | -      | 0                    | 0                    | 0.0%       |
| GASOIL 0.1 ROTTERDAM BARG          | VL  | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 0                    | 1                    | -100.0%    |
| GASOIL 10PPM VS ICE SWAP           | TP  | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 0                    | 0                    | 0.0%       |
| GASOIL CALENDAR SWAP               | GX  | 41                 | 9                  | 355.6%     | 48                 | -14.6% | 476                  | 78                   | 510.3%     |
| GASOIL CRACK SPREAD CALEN          | GZ  | 0                  | 180                | -100.0%    | 0                  | 0.0%   | 1,917                | 705                  | 171.9%     |
| GASOIL MINI CALENDAR SWAP          | QA  | 550                | 259                | 112.4%     | 481                | 14.3%  | 4,217                | 2,286                | 84.5%      |
| GERMAN POWER BASELOAD CAL MONTH FU | DEB | 0                  | 0                  | 0.0%       | 0                  | 0.0%   | 0                    | 0                    | 0.0%       |
| GRP THREE ULSD(PLT)VS HEA          | A6  | 4,920              | 4,538              | 8.4%       | 15,019             | -67.2% | 93,835               | 45,115               | 108.0%     |
| GRP THREE UNL GS (PLT) VS          | A8  | 2,965              | 2,150              | 37.9%      | 2,115              | 40.2%  | 33,060               | 29,283               | 12.9%      |

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| <b>Energy Futures</b>               |                    |                    |        |                    |        |                      |                      |         |           |
| GULF COAST 3% FUEL OIL BA           | VZ                 | 0                  | 0      | 0.0%               | 0      | 0.0%                 | 2,399                | 0       | 0.0%      |
| GULF COAST JET FUEL CLNDR           | GE                 | 0                  | 0      | -                  | 0      | 0.0%                 | 204                  | 0       | -         |
| GULF COAST JET VS NYM 2 H           | ME                 | 8,593              | 5,910  | 45.4%              | 14,623 | -41.2%               | 126,532              | 101,899 | 24.2%     |
| GULF COAST NO.6 FUEL OIL            | MF                 | 2,309              | 1,428  | 61.7%              | 3,914  | -41.0%               | 55,451               | 38,293  | 44.8%     |
| GULF COAST NO.6 FUEL OIL            | MG                 | 8,863              | 16,093 | -44.9%             | 10,724 | -17.4%               | 158,820              | 159,219 | -0.3%     |
| GULF COAST ULSD CALENDAR            | LY                 | 192                | 180    | 6.7%               | 447    | -57.0%               | 2,666                | 1,969   | 35.4%     |
| GULF COAST ULSD CRACK SPR           | GY                 | 0                  | 0      | 0.0%               | 0      | -                    | 0                    | 0       | 0.0%      |
| HEATING OIL BALMO CLNDR S           | 1G                 | 0                  | 200    | -100.0%            | 0      | 0.0%                 | 2,259                | 1,799   | 25.6%     |
| HEATING OIL CRCK SPRD BAL           | 1H                 | 0                  | 0      | 0.0%               | 0      | 0.0%                 | 250                  | 0       | 0.0%      |
| HEATING OIL PHY                     | HOL                | 0                  | 0      | 0.0%               | 0      | 0.0%                 | 0                    | 0       | 0.0%      |
| HEATING OIL PHY                     | MHO                | 49                 | 4      | 1,125.0%           | 58     | -15.5%               | 172                  | 20      | 760.0%    |
| HENRY HUB FINANCIAL LAST            | HHW                | 0                  | 0      | -                  | 5      | -100.0%              | 5                    | 0       | -         |
| HENRY HUB SWAP                      | NN                 | 48,299             | 25,510 | 89.3%              | 18,029 | 167.9%               | 283,455              | 331,527 | -14.5%    |
| ICE BRENT DUBAI SWAP                | DB                 | 0                  | 0      | 0.0%               | 0      | 0.0%                 | 0                    | 415     | -100.0%   |
| INDONESIAN COAL ICI4                | ICI                | 0                  | 0      | 0.0%               | 0      | -                    | 0                    | 0       | 0.0%      |
| JAPAN C&F NAPHTHA CRACK S           | JB                 | 85                 | 0      | 0.0%               | 300    | -71.7%               | 3,066                | 10      | 30,560.0% |
| JAPAN C&F NAPHTHA SWAP              | JA                 | 155                | 240    | -35.4%             | 655    | -76.3%               | 4,035                | 2,062   | 95.7%     |
| JAPAN NAPHTHA BALMO SWAP            | E6                 | 0                  | 0      | 0.0%               | 0      | 0.0%                 | 60                   | 35      | 71.4%     |
| JET CIF NWE VS ICE                  | JC                 | 0                  | 30     | -100.0%            | 0      | 0.0%                 | 66                   | 222     | -70.3%    |
| JET FUEL UP-DOWN BALMO CL           | 1M                 | 750                | 200    | 275.0%             | 1,475  | -49.2%               | 16,497               | 10,684  | 54.4%     |
| JKM LNG Futures                     | JKM                | 0                  | 0      | 0.0%               | 0      | 0.0%                 | 0                    | 0       | 0.0%      |
| LA CARB DIESEL (OPIS) SWA           | KL                 | 248                | 114    | 117.5%             | 379    | -34.6%               | 3,979                | 2,783   | 43.0%     |
| LA CARBOB GASOLINE(OPIS)S           | JL                 | 0                  | 0      | 0.0%               | 0      | 0.0%                 | 50                   | 225     | -77.8%    |
| LA JET (OPIS) SWAP                  | JS                 | 1,710              | 50     | 3,320.0%           | 1,535  | 11.4%                | 15,105               | 5,405   | 179.5%    |
| LLS (ARGUS) VS WTI SWAP             | WJ                 | 0                  | 0      | 0.0%               | 0      | 0.0%                 | 0                    | 590     | -100.0%   |
| MARS (ARGUS) VS WTI SWAP            | YX                 | 0                  | 0      | 0.0%               | 0      | 0.0%                 | 0                    | 0       | 0.0%      |
| MARS (ARGUS) VS WTI TRD M           | YV                 | 13,505             | 3,675  | 267.5%             | 16,310 | -17.2%               | 164,452              | 162,550 | 1.2%      |
| MCCLOSKEY ARA ARGS COAL             | MTF                | 142                | 855    | -83.4%             | 70     | 102.9%               | 2,381                | 10,807  | -78.0%    |
| MCCLOSKEY RCH BAY COAL              | MFF                | 0                  | 0      | 0.0%               | 0      | 0.0%                 | 0                    | 54      | -100.0%   |
| MINI GAS EUROBOB OXY NWE ARGS BALMO | MEB                | 0                  | 0      | 0.0%               | 0      | 0.0%                 | 5                    | 130     | -96.2%    |
| MINI RBOB V. EBOBARG NWE BRGS BALMO | MXR                | 0                  | 0      | 0.0%               | 0      | 0.0%                 | 0                    | 310     | -100.0%   |
| MINI RBOB V. EBOB(ARGUS) NWE BRGS   | MXB                | 84                 | 109    | -22.9%             | 0      | 0.0%                 | 856                  | 1,417   | -39.6%    |
| MJC FUT                             | MJC                | 0                  | 0      | 0.0%               | 0      | 0.0%                 | 30                   | 60      | -50.0%    |
| MNC FUT                             | MNC                | 314                | 678    | -53.7%             | 354    | -11.3%               | 3,813                | 9,948   | -61.7%    |
| MONT BELVIEU ETHANE 5 DECIMAL       | C0                 | 25,476             | 26,070 | -2.3%              | 21,839 | 16.7%                | 332,445              | 349,890 | -5.0%     |
| MONT BELVIEU ETHANE OPIS BALMO      | 8C                 | 700                | 600    | 16.7%              | 150    | 366.7%               | 5,390                | 7,330   | -26.5%    |

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## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                            |     | VOLUME<br>NOV 2024 | VOLUME<br>NOV 2023 | % CHG   | VOLUME<br>OCT 2024 | % CHG   | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG    |
|--------------------------------------|-----|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|----------|
| <b>Energy Futures</b>                |     |                    |                    |         |                    |         |                      |                      |          |
| MONT BELVIEU LDH PROPANE 5 DECIMAL   | B0  | 153,866            | 196,716            | -21.8%  | 284,326            | -45.9%  | 2,561,824            | 2,486,347            | 3.0%     |
| MONT BELVIEU LDH PROPANE OPIS BALMO  | 8O  | 457                | 1,416              | -67.7%  | 1,409              | -67.6%  | 15,593               | 23,371               | -33.3%   |
| MONT BELVIEU NATURAL GASOLINE 5 DEC  | 7Q  | 12,186             | 14,496             | -15.9%  | 11,457             | 6.4%    | 187,349              | 261,584              | -28.4%   |
| MONT BELVIEU NATURAL GASOLINE BALMO  | R0  | 1,090              | 764                | 42.7%   | 786                | 38.7%   | 12,269               | 13,577               | -9.6%    |
| MONT BELVIEU NORMAL BUTANE 5 DECIMAL | D0  | 78,340             | 66,059             | 18.6%   | 72,783             | 7.6%    | 802,020              | 754,927              | 6.2%     |
| MONT BELVIEU NORMAL BUTANE BALMO     | 8J  | 338                | 1,330              | -74.6%  | 634                | -46.7%  | 7,380                | 12,249               | -39.8%   |
| NATURAL GAS                          | NWM | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 480                  | -100.0%  |
| NATURAL GAS PEN SWP                  | NP  | 70,427             | 24,823             | 183.7%  | 32,468             | 116.9%  | 497,528              | 260,039              | 91.3%    |
| NATURAL GAS PHY                      | MNG | 239,941            | 107,339            | 123.5%  | 175,531            | 36.7%   | 1,332,704            | 107,339              | 1,141.6% |
| NEPOOL INTR HUB 5MW D AH             | H2  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| NEPOOL INTR HUB 5MW D AH             | U6  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| NEW ENGLAND HUB PEAK DAIL            | CE  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| NEW YORK ETHANOL SWAP                | EZ  | 100                | 840                | -88.1%  | 100                | 0.0%    | 5,160                | 8,027                | -35.7%   |
| NEW YORK HUB ZONE G PEAK             | GN  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| N ILLINOIS HUB DAILY                 | UD  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| NY1% VS GC SPREAD SWAP               | VR  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| NY HARBOR HEAT OIL SWP               | MP  | 985                | 2,395              | -58.9%  | 3,393              | -71.0%  | 29,369               | 24,711               | 18.8%    |
| NY HARBOR LOW SULPUR GAS 1000MBBL    | NLS | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| NY HARBOR RESIDUAL FUEL 1            | MM  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 750                  | -100.0%  |
| NYH NO 2 CRACK SPREAD CAL            | HK  | 0                  | 578                | -100.0% | 50                 | -100.0% | 16,333               | 33,266               | -50.9%   |
| NYISO ZONE G 5MW D AH PK             | T3  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| NY ULSD (ARGUS) VS HEATING OIL       | 7Y  | 250                | 1,317              | -81.0%  | 300                | -16.7%  | 2,571                | 14,169               | -81.9%   |
| PETROCHEMICALS                       | 22  | 61                 | 120                | -49.2%  | 53                 | 15.1%   | 760                  | 1,639                | -53.6%   |
| PETROCHEMICALS                       | 32  | 6                  | 56                 | -89.3%  | 10                 | -40.0%  | 355                  | 854                  | -58.4%   |
| PETROCHEMICALS                       | 3NA | 138                | 90                 | 53.3%   | 170                | -18.8%  | 918                  | 588                  | 56.1%    |
| PETROCHEMICALS                       | 51  | 0                  | 0                  | 0.0%    | 12                 | -100.0% | 19                   | 58                   | -67.2%   |
| PETROCHEMICALS                       | 81  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 15                   | 60                   | -75.0%   |
| PETROCHEMICALS                       | 8I  | 39                 | 24                 | 62.5%   | 223                | -82.5%  | 1,789                | 6,038                | -70.4%   |
| PETROCHEMICALS                       | 91  | 226                | 470                | -51.9%  | 327                | -30.9%  | 2,533                | 4,435                | -42.9%   |
| PETROCHEMICALS                       | MAA | 0                  | 0                  | 0.0%    | 150                | -100.0% | 350                  | 1,180                | -70.3%   |
| PETROCHEMICALS                       | MAE | 626                | 1,680              | -62.7%  | 687                | -8.9%   | 11,167               | 16,381               | -31.8%   |
| PETROCHEMICALS                       | MAS | 230                | 525                | -56.2%  | 280                | -17.9%  | 2,715                | 5,649                | -51.9%   |
| PETROCHEMICALS                       | MBA | 0                  | 0                  | -       | 5                  | -100.0% | 5                    | 0                    | -        |
| PETROCHEMICALS                       | MBE | 0                  | 0                  | 0.0%    | 150                | -100.0% | 570                  | 720                  | -20.8%   |
| PETROCHEMICALS                       | MNB | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| PETROCHEMICALS                       | MPS | 531                | 815                | -34.8%  | 513                | 3.5%    | 4,983                | 5,707                | -12.7%   |

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## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                |     | VOLUME<br>NOV 2024 | VOLUME<br>NOV 2023 | % CHG   | VOLUME<br>OCT 2024 | % CHG   | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG    |
|--------------------------|-----|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|----------|
| <b>Energy Futures</b>    |     |                    |                    |         |                    |         |                      |                      |          |
| PETROCHEMICALS           | PMF | 12                 | 0                  | 0.0%    | 0                  | 0.0%    | 143                  | 78                   | 83.3%    |
| PETRO CRCKS & SPRDS ASIA | STS | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| PETRO CRCKS & SPRDS NA   | CRB | 14,615             | 18,382             | -20.5%  | 15,145             | -3.5%   | 194,067              | 152,963              | 26.9%    |
| PETRO CRCKS & SPRDS NA   | EXR | 460                | 531                | -13.4%  | 298                | 54.4%   | 2,685                | 3,505                | -23.4%   |
| PETRO CRCKS & SPRDS NA   | GBB | 0                  | 25                 | -100.0% | 0                  | 0.0%    | 450                  | 960                  | -53.1%   |
| PETRO CRCKS & SPRDS NA   | GCI | 0                  | 0                  | 0.0%    | 13                 | -100.0% | 13                   | 375                  | -96.5%   |
| PETRO CRCKS & SPRDS NA   | GCU | 0                  | 570                | -100.0% | 0                  | 0.0%    | 382                  | 1,128                | -66.1%   |
| PETRO CRCKS & SPRDS NA   | GFC | 0                  | 0                  | 0.0%    | 200                | -100.0% | 2,158                | 1,480                | 45.8%    |
| PETRO CRCKS & SPRDS NA   | HOB | 0                  | 120                | -100.0% | 0                  | 0.0%    | 930                  | 1,650                | -43.6%   |
| PETRO CRCKS & SPRDS NA   | MFR | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| PETRO CRCKS & SPRDS NA   | RBB | 465                | 1,030              | -54.9%  | 1,400              | -66.8%  | 9,829                | 7,555                | 30.1%    |
| PETRO CRCKS & SPRDS NA   | RVG | 300                | 900                | -66.7%  | 0                  | 0.0%    | 13,834               | 11,941               | 15.9%    |
| PETRO CRCKS & SPRDS NA   | SF3 | 18                 | 0                  | 0.0%    | 0                  | 0.0%    | 23                   | 12                   | 91.7%    |
| PETRO CRK&SPRD EURO      | 1NB | 79                 | 0                  | 0.0%    | 1,500              | -94.7%  | 3,313                | 265                  | 1,150.2% |
| PETRO CRK&SPRD EURO      | 43  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 103                  | -100.0%  |
| PETRO CRK&SPRD EURO      | BOB | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 15                   | 120                  | -87.5%   |
| PETRO CRK&SPRD EURO      | EOB | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 5                    | -100.0%  |
| PETRO CRK&SPRD EURO      | EPN | 226                | 485                | -53.4%  | 341                | -33.7%  | 2,438                | 4,679                | -47.9%   |
| PETRO CRK&SPRD EURO      | EVC | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 6                    | 375                  | -98.4%   |
| PETRO CRK&SPRD EURO      | GOC | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| PETRO CRK&SPRD EURO      | MUD | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 30                   | -100.0%  |
| PETRO CRK&SPRD EURO      | NOB | 0                  | 29                 | -100.0% | 0                  | 0.0%    | 53                   | 1,007                | -94.7%   |
| PETROLEUM PRODUCTS       | 1NM | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%     |
| PETROLEUM PRODUCTS       | BEF | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 5                    | 3                    | 66.7%    |
| PETROLEUM PRODUCTS       | CMS | 350                | 200                | 75.0%   | 500                | -30.0%  | 3,850                | 1,220                | 215.6%   |
| PETROLEUM PRODUCTS       | EWG | 875                | 0                  | 0.0%    | 450                | 94.4%   | 4,108                | 1,508                | 172.4%   |
| PETROLEUM PRODUCTS       | H5F | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 535                  | -100.0%  |
| PETROLEUM PRODUCTS       | JCC | 214                | 0                  | 0.0%    | 330                | -35.2%  | 4,238                | 9,970                | -57.5%   |
| PETROLEUM PRODUCTS       | R5F | 7                  | 29                 | -75.9%  | 20                 | -65.0%  | 185                  | 180                  | 2.8%     |
| PETROLEUM PRODUCTS       | RN6 | 0                  | 0                  | -       | 0                  | 0.0%    | 227                  | 0                    | -        |
| PETROLEUM PRODUCTS       | S53 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| PETROLEUM PRODUCTS       | UCD | 0                  | 0                  | -       | 90                 | -100.0% | 90                   | 0                    | -        |
| PETROLEUM PRODUCTS       | VU  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 260                  | -100.0%  |
| PETROLEUM PRODUCTS ASIA  | E6M | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 95                   | 75                   | 26.7%    |
| PETROLEUM PRODUCTS ASIA  | MJN | 390                | 120                | 225.0%  | 250                | 56.0%   | 3,457                | 4,185                | -17.4%   |
| PETRO OUTRIGHT EURO      | 0B  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity             |     | VOLUME<br>NOV 2024 | VOLUME<br>NOV 2023 | % CHG   | VOLUME<br>OCT 2024 | % CHG   | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG   |
|-----------------------|-----|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|---------|
| <b>Energy Futures</b> |     |                    |                    |         |                    |         |                      |                      |         |
| PETRO OUTFRIGHT EURO  | 0D  | 29                 | 70                 | -58.6%  | 50                 | -42.0%  | 701                  | 540                  | 29.8%   |
| PETRO OUTFRIGHT EURO  | 0E  | 0                  | 0                  | -       | 0                  | 0.0%    | 16                   | 0                    | -       |
| PETRO OUTFRIGHT EURO  | 0F  | 0                  | 30                 | -100.0% | 0                  | 0.0%    | 580                  | 95                   | 510.5%  |
| PETRO OUTFRIGHT EURO  | 5L  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 10                   | 90                   | -88.9%  |
| PETRO OUTFRIGHT EURO  | 7I  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 200                  | 75                   | 166.7%  |
| PETRO OUTFRIGHT EURO  | 7R  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 82                   | -100.0% |
| PETRO OUTFRIGHT EURO  | CBB | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 55                   | 55                   | 0.0%    |
| PETRO OUTFRIGHT EURO  | CGB | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 80                   | 15                   | 433.3%  |
| PETRO OUTFRIGHT EURO  | CPB | 230                | 280                | -17.9%  | 110                | 109.1%  | 2,197                | 2,338                | -6.0%   |
| PETRO OUTFRIGHT EURO  | EWN | 69                 | 39                 | 76.9%   | 30                 | 130.0%  | 1,160                | 2,553                | -54.6%  |
| PETRO OUTFRIGHT EURO  | M1B | 405                | 439                | -7.7%   | 776                | -47.8%  | 7,040                | 9,178                | -23.3%  |
| PETRO OUTFRIGHT EURO  | MBB | 0                  | 0                  | 0.0%    | 100                | -100.0% | 285                  | 60                   | 375.0%  |
| PETRO OUTFRIGHT EURO  | MBN | 240                | 550                | -56.4%  | 785                | -69.4%  | 8,660                | 7,763                | 11.6%   |
| PETRO OUTFRIGHT EURO  | MEF | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 15                   | 82                   | -81.7%  |
| PETRO OUTFRIGHT EURO  | MQA | 0                  | 297                | -100.0% | 15                 | -100.0% | 2,050                | 2,510                | -18.3%  |
| PETRO OUTFRIGHT EURO  | R53 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PETRO OUTFRIGHT EURO  | R5M | 435                | 835                | -47.9%  | 739                | -41.1%  | 7,006                | 11,485               | -39.0%  |
| PETRO OUTFRIGHT EURO  | R5O | 296                | 531                | -44.3%  | 370                | -20.0%  | 6,549                | 6,400                | 2.3%    |
| PETRO OUTFRIGHT EURO  | RBM | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 107                  | -100.0% |
| PETRO OUTFRIGHT EURO  | S5B | 0                  | 89                 | -100.0% | 0                  | 0.0%    | 0                    | 118                  | -100.0% |
| PETRO OUTFRIGHT EURO  | S5F | 252                | 285                | -11.6%  | 100                | 152.0%  | 2,084                | 4,514                | -53.8%  |
| PETRO OUTFRIGHT EURO  | S5M | 1,188              | 2,084              | -43.0%  | 1,566              | -24.1%  | 18,877               | 18,842               | 0.2%    |
| PETRO OUTFRIGHT EURO  | S5O | 137                | 1,354              | -89.9%  | 377                | -63.7%  | 6,920                | 9,335                | -25.9%  |
| PETRO OUTFRIGHT EURO  | SMU | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETRO OUTFRIGHT EURO  | SR5 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 240                  | -100.0% |
| PETRO OUTFRIGHT EURO  | ULB | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 600                  | -100.0% |
| PETRO OUTFRIGHT EURO  | V0  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETRO OUTFRIGHT NA    | A8B | 35                 | 25                 | 40.0%   | 50                 | -30.0%  | 975                  | 1,950                | -50.0%  |
| PETRO OUTFRIGHT NA    | AB6 | 625                | 150                | 316.7%  | 995                | -37.2%  | 7,845                | 3,788                | 107.1%  |
| PETRO OUTFRIGHT NA    | BCR | 1,675              | 325                | 415.4%  | 1,550              | 8.1%    | 16,015               | 11,438               | 40.0%   |
| PETRO OUTFRIGHT NA    | JE  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 66                   | 0                    | 0.0%    |
| PETRO OUTFRIGHT NA    | JET | 225                | 2,875              | -92.2%  | 1,250              | -82.0%  | 7,630                | 17,969               | -57.5%  |
| PETRO OUTFRIGHT NA    | JTB | 0                  | 50                 | -100.0% | 0                  | 0.0%    | 1,288                | 2,464                | -47.7%  |
| PETRO OUTFRIGHT NA    | MBL | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 217                  | -100.0% |
| PETRO OUTFRIGHT NA    | MEN | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 233                  | 373                  | -37.5%  |
| PETRO OUTFRIGHT NA    | MEO | 206                | 36                 | 472.2%  | 130                | 58.5%   | 947                  | 1,182                | -19.9%  |



## NYMEX/COMEX Exchange Volume Report - Monthly

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|-------------------------------------|-----|--------------------|--------------------|---------|--------------------|----------|----------------------|----------------------|----------|
| <b>Energy Futures</b>               |     |                    |                    |         |                    |          |                      |                      |          |
| PETRO OUTRIGHT NA                   | MMF | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%     |
| PJM AD HUB 5MW REAL TIME            | V3  | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%     |
| PJM AD HUB 5MW REAL TIME            | Z9  | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%     |
| PJM DAILY                           | JD  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%     |
| PJM NI HUB 5MW REAL TIME            | B3  | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%     |
| PJM WESTH RT OFF-PEAK               | N9  | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%     |
| PJM WESTH RT PEAK                   | L1  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%     |
| PLASTICS                            | PGP | 2,355              | 1,772              | 32.9%   | 2,797              | -15.8%   | 20,685               | 14,809               | 39.7%    |
| PREMIUM UNLND 10P FOB MED           | 3G  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 15                   | -100.0%  |
| PROPANE NON-LDH MB (OPIS) BALMO SWP | 1S  | 330                | 1,003              | -67.1%  | 110                | 200.0%   | 6,938                | 14,913               | -53.5%   |
| PROPANE NON-LDH MT. BEL (OPIS) SWP  | 1R  | 13,582             | 11,377             | 19.4%   | 14,460             | -6.1%    | 152,140              | 259,157              | -41.3%   |
| RBOB CALENDAR SWAP                  | RL  | 8,649              | 3,677              | 135.2%  | 19,812             | -56.3%   | 127,586              | 82,571               | 54.5%    |
| RBOB CRACK SPREAD                   | RM  | 105                | 40                 | 162.5%  | 105                | 0.0%     | 3,590                | 20,476               | -82.5%   |
| RBOB CRACK SPREAD BALMO S           | 1E  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 100                  | -100.0%  |
| RBOB GASOLINE BALMO CLNDR           | 1D  | 50                 | 215                | -76.7%  | 578                | -91.3%   | 6,828                | 9,686                | -29.5%   |
| RBOB PHY                            | MRB | 6                  | 2                  | 200.0%  | 14                 | -57.1%   | 158                  | 56                   | 182.1%   |
| RBOB PHY                            | RBL | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%     |
| RBOB VS HEATING OIL SWAP            | RH  | 990                | 0                  | 0.0%    | 0                  | 0.0%     | 1,665                | 30                   | 5,450.0% |
| SINGAPORE 180CST BALMO              | BS  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 11                   | 21                   | -47.6%   |
| SINGAPORE 380CST BALMO              | BT  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 146                  | 0                    | 0.0%     |
| SINGAPORE 380CST FUEL OIL           | SE  | 430                | 287                | 49.8%   | 17                 | 2,429.4% | 4,193                | 2,892                | 45.0%    |
| SINGAPORE FUEL 180CST CAL           | UA  | 5                  | 3                  | 66.7%   | 10                 | -50.0%   | 454                  | 40                   | 1,035.0% |
| SINGAPORE FUEL OIL 180 CS           | GMS | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%     |
| SINGAPORE FUEL OIL SPREAD           | SD  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 20                   | 24                   | -16.7%   |
| SINGAPORE GASOIL                    | MAF | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 4                    | 236                  | -98.3%   |
| SINGAPORE GASOIL                    | MTB | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 18                   | 0                    | 0.0%     |
| SINGAPORE GASOIL                    | MTS | 180                | 261                | -31.0%  | 100                | 80.0%    | 2,061                | 3,517                | -41.4%   |
| SINGAPORE GASOIL                    | SBM | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 15                   | -100.0%  |
| SINGAPORE GASOIL CALENDAR           | MSG | 0                  | 111                | -100.0% | 18                 | -100.0%  | 813                  | 791                  | 2.8%     |
| SINGAPORE GASOIL SWAP               | SG  | 0                  | 100                | -100.0% | 0                  | 0.0%     | 1,285                | 8,637                | -85.1%   |
| SINGAPORE GASOIL VS ICE             | GA  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 21                   | -100.0%  |
| SINGAPORE JET KERO GASOIL           | RK  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%     |
| SINGAPORE JET KEROSENE SW           | KS  | 0                  | 0                  | 0.0%    | 0                  | -        | 0                    | 0                    | 0.0%     |
| SINGAPORE MOGAS 92 UNLEADED BALMO   | 1P  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 100                  | -100.0%  |
| SINGAPORE MOGAS 92 UNLEADED SWP     | 1N  | 0                  | 64                 | -100.0% | 600                | -100.0%  | 1,170                | 4,830                | -75.8%   |
| TC2 ROTTERDAM TO USAC 37K           | TM  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 172                  | -100.0%  |

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## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                 |      | VOLUME<br>NOV 2024 | VOLUME<br>NOV 2023 | % CHG   | VOLUME<br>OCT 2024 | % CHG   | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG   |
|---------------------------|------|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|---------|
| <b>Energy Futures</b>     |      |                    |                    |         |                    |         |                      |                      |         |
| TC5 RAS TANURA TO YOKOHAM | TH   | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| TD3 MEG TO JAPAN 250K MT  | TL   | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| ULSD UP-DOWN BALMO SWP    | 1L   | 6,910              | 8,700              | -20.6%  | 11,070             | -37.6%  | 77,824               | 67,318               | 15.6%   |
| UP DOWN GC ULSD VS NMX HO | LT   | 39,095             | 37,643             | 3.9%    | 54,574             | -28.4%  | 390,216              | 321,089              | 21.5%   |
| WTI-BRENT BULLET SWAP     | BY   | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 252                  | 111                  | 127.0%  |
| WTI-BRENT CALENDAR SWAP   | BK   | 179,908            | 45,521             | 295.2%  | 82,637             | 117.7%  | 746,143              | 558,332              | 33.6%   |
| WTI CALENDAR              | CS   | 52,183             | 89,735             | -41.8%  | 70,600             | -26.1%  | 825,804              | 737,294              | 12.0%   |
| WTI MIDLAND CRUDE OIL     | WTL  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 3,945                | 1,900                | 107.6%  |
| WTS (ARGUS) VS WTI SWAP   | FF   | 600                | 2,100              | -71.4%  | 825                | -27.3%  | 12,326               | 34,306               | -64.1%  |
| WTS (ARGUS) VS WTI TRD MT | FH   | 0                  | 150                | -100.0% | 0                  | 0.0%    | 900                  | 2,659                | -66.2%  |
| <b>Energy Options</b>     |      |                    |                    |         |                    |         |                      |                      |         |
| BRENT CALENDAR SWAP       | BA   | 0                  | 550                | -100.0% | 100                | -100.0% | 1,958                | 2,710                | -27.7%  |
| BRENT CRUDE OIL 1 M CSO   | 9C   | 2,000              | 1,900              | 5.3%    | 4,050              | -50.6%  | 76,350               | 13,100               | 482.8%  |
| BRENT OIL LAST DAY        | BE   | 7                  | 14,096             | -100.0% | 2,005              | -99.7%  | 84,214               | 56,639               | 48.7%   |
| BRENT OIL LAST DAY        | BZO  | 2,499              | 2,716              | -8.0%   | 15,827             | -84.2%  | 82,581               | 96,067               | -14.0%  |
| COAL API2 INDEX           | F2C  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 475                  | -100.0% |
| COAL API2 INDEX           | F2Q  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%    |
| CRUDE OIL 1MO             | WA   | 44,715             | 80,125             | -44.2%  | 89,605             | -50.1%  | 819,770              | 779,000              | 5.2%    |
| CRUDE OIL APO             | AO   | 41,941             | 72,845             | -42.4%  | 101,125            | -58.5%  | 434,281              | 379,641              | 14.4%   |
| CRUDE OIL OUTRIGHTS       | ECCL | 3,826              | 5,072              | -24.6%  | 3,211              | 19.2%   | 22,338               | 69,888               | -68.0%  |
| CRUDE OIL PHY             | LC   | 22,060             | 31,422             | -29.8%  | 8,338              | 164.6%  | 147,900              | 291,785              | -49.3%  |
| CRUDE OIL PHY             | LO   | 2,971,416          | 3,285,063          | -9.5%   | 5,269,714          | -43.6%  | 35,123,148           | 28,581,034           | 22.9%   |
| CRUDE OIL PHY             | LO1  | 29,366             | 111,901            | -73.8%  | 114,040            | -74.2%  | 708,511              | 623,430              | 13.6%   |
| CRUDE OIL PHY             | LO2  | 43,644             | 46,587             | -6.3%   | 84,003             | -48.0%  | 588,521              | 504,038              | 16.8%   |
| CRUDE OIL PHY             | LO3  | 5,804              | 54,700             | -89.4%  | 39,543             | -85.3%  | 418,657              | 404,692              | 3.5%    |
| CRUDE OIL PHY             | LO4  | 39,515             | 50,926             | -22.4%  | 74,998             | -47.3%  | 676,507              | 512,707              | 31.9%   |
| CRUDE OIL PHY             | LO5  | 51,376             | 0                  | 0.0%    | 0                  | 0.0%    | 223,622              | 191,018              | 17.1%   |
| CRUDE OIL PHY             | MCO  | 9,258              | 21,786             | -57.5%  | 17,557             | -47.3%  | 175,516              | 234,986              | -25.3%  |
| CRUDE OIL PHY             | ML1  | 21,336             | 19,977             | 6.8%    | 50,252             | -57.5%  | 254,076              | 49,071               | 417.8%  |
| CRUDE OIL PHY             | ML2  | 19,221             | 7,755              | 147.9%  | 38,303             | -49.8%  | 232,858              | 38,268               | 508.5%  |
| CRUDE OIL PHY             | ML3  | 17,819             | 13,360             | 33.4%   | 35,811             | -50.2%  | 205,498              | 54,711               | 275.6%  |
| CRUDE OIL PHY             | ML4  | 24,147             | 23,319             | 3.6%    | 36,527             | -33.9%  | 220,728              | 67,440               | 227.3%  |
| CRUDE OIL PHY             | ML5  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 104,113              | 17,280               | 502.5%  |
| CRUDE OIL PHY             | MW1  | 475                | 2,661              | -82.1%  | 2,053              | -76.9%  | 15,237               | 20,969               | -27.3%  |



## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                             |      | VOLUME<br>NOV 2024 | VOLUME<br>NOV 2023 | % CHG     | VOLUME<br>OCT 2024 | % CHG   | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG    |
|---------------------------------------|------|--------------------|--------------------|-----------|--------------------|---------|----------------------|----------------------|----------|
| <b>Energy Options</b>                 |      |                    |                    |           |                    |         |                      |                      |          |
| CRUDE OIL PHY                         | MW2  | 575                | 1,753              | -67.2%    | 1,774              | -67.6%  | 15,499               | 18,793               | -17.5%   |
| CRUDE OIL PHY                         | MW3  | 518                | 1,698              | -69.5%    | 773                | -33.0%  | 13,077               | 14,374               | -9.0%    |
| CRUDE OIL PHY                         | MW4  | 840                | 1,996              | -57.9%    | 927                | -9.4%   | 14,455               | 22,878               | -36.8%   |
| CRUDE OIL PHY                         | MW5  | 892                | 0                  | 0.0%      | 0                  | 0.0%    | 5,108                | 6,461                | -20.9%   |
| CRUDE OIL PHY                         | NL1  | 9,661              | 0                  | -         | 12,646             | -23.6%  | 35,090               | 0                    | -        |
| CRUDE OIL PHY                         | NL2  | 7,484              | 0                  | -         | 13,643             | -45.1%  | 32,574               | 0                    | -        |
| CRUDE OIL PHY                         | NL3  | 8,270              | 0                  | -         | 7,025              | 17.7%   | 20,442               | 0                    | -        |
| CRUDE OIL PHY                         | NL4  | 13,540             | 0                  | -         | 14,378             | -5.8%   | 43,391               | 0                    | -        |
| CRUDE OIL PHY                         | NL5  | 0                  | 0                  | -         | 16,368             | -100.0% | 17,951               | 0                    | -        |
| CRUDE OIL PHY                         | WL1  | 20,227             | 9,873              | 104.9%    | 23,288             | -13.1%  | 274,971              | 50,743               | 441.9%   |
| CRUDE OIL PHY                         | WL2  | 21,642             | 12,625             | 71.4%     | 31,455             | -31.2%  | 232,955              | 49,319               | 372.3%   |
| CRUDE OIL PHY                         | WL3  | 16,050             | 2,839              | 465.3%    | 16,030             | 0.1%    | 188,564              | 39,578               | 376.4%   |
| CRUDE OIL PHY                         | WL4  | 20,056             | 23,009             | -12.8%    | 31,706             | -36.7%  | 262,986              | 68,737               | 282.6%   |
| CRUDE OIL PHY                         | WL5  | 0                  | 23,249             | -100.0%   | 25,640             | -100.0% | 90,561               | 36,065               | 151.1%   |
| CRUDE OIL PHY                         | XL1  | 7,322              | 0                  | -         | 5,944              | 23.2%   | 24,177               | 0                    | -        |
| CRUDE OIL PHY                         | XL2  | 7,153              | 0                  | -         | 12,359             | -42.1%  | 27,782               | 0                    | -        |
| CRUDE OIL PHY                         | XL3  | 5,133              | 0                  | -         | 665                | 671.9%  | 14,457               | 0                    | -        |
| CRUDE OIL PHY                         | XL4  | 264                | 0                  | -         | 16,708             | -98.4%  | 27,271               | 0                    | -        |
| CRUDE OIL PHY                         | XL5  | 0                  | 0                  | -         | 13,152             | -100.0% | 18,429               | 0                    | -        |
| ELEC FINSETTLED                       | PJN  | 0                  | 0                  | 0.0%      | 0                  | -       | 0                    | 0                    | 0.0%     |
| ETHANOL SWAP                          | CVR  | 2,773              | 1,946              | 42.5%     | 1,532              | 81.0%   | 27,131               | 29,599               | -8.3%    |
| ETHANOL SWAP                          | GVR  | 0                  | 0                  | -         | 0                  | 0.0%    | 1,260                | 0                    | -        |
| FREIGHT MARKETS                       | FLO  | 60                 | 0                  | 0.0%      | 0                  | -       | 60                   | 0                    | 0.0%     |
| HEATING OIL CRK SPD AVG PRICE OPTIONS | 3W   | 0                  | 0                  | 0.0%      | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| HEATING OIL PHY                       | LB   | 0                  | 332                | -100.0%   | 0                  | 0.0%    | 114                  | 540                  | -78.9%   |
| HEATING OIL PHY                       | OH   | 23,634             | 15,725             | 50.3%     | 33,042             | -28.5%  | 206,371              | 133,994              | 54.0%    |
| HENRY HUB FINANCIAL LAST              | E7   | 29,404             | 28,767             | 2.2%      | 25,835             | 13.8%   | 272,710              | 229,611              | 18.8%    |
| HENRY HUB FINANCIAL LAST              | ECNG | 1,266              | 1,739              | -27.2%    | 236                | 436.4%  | 12,534               | 21,431               | -41.5%   |
| HO 1 MONTH CLNDR OPTIONS              | FA   | 525                | 2,350              | -77.7%    | 775                | -32.3%  | 20,950               | 40,850               | -48.7%   |
| LLS CRUDE OIL                         | HTO  | 0                  | 0                  | 0.0%      | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| LLS CRUDE OIL                         | WTO  | 750                | 0                  | 0.0%      | 3,900              | -80.8%  | 16,050               | 3,000                | 435.0%   |
| MCCLOSKEY ARA ARGS COAL               | MTO  | 0                  | 0                  | 0.0%      | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| NATURAL GAS                           | LN1  | 1,279              | 410                | 212.0%    | 3,510              | -63.6%  | 16,247               | 4,691                | 246.3%   |
| NATURAL GAS                           | LN2  | 788                | 119                | 562.2%    | 4,643              | -83.0%  | 21,819               | 1,870                | 1,066.8% |
| NATURAL GAS                           | LN3  | 2,977              | 54                 | 5,413.0%  | 2,508              | 18.7%   | 15,903               | 1,910                | 732.6%   |
| NATURAL GAS                           | LN4  | 3,326              | 13                 | 25,484.6% | 2,429              | 36.9%   | 14,851               | 1,575                | 842.9%   |

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## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                           |     | VOLUME<br>NOV 2024 | VOLUME<br>NOV 2023 | % CHG    | VOLUME<br>OCT 2024 | % CHG    | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG     |
|-------------------------------------|-----|--------------------|--------------------|----------|--------------------|----------|----------------------|----------------------|-----------|
| <b>Energy Options</b>               |     |                    |                    |          |                    |          |                      |                      |           |
| NATURAL GAS                         | LN5 | 3,554              | 0                  | 0.0%     | 0                  | 0.0%     | 5,660                | 15                   | 37,633.3% |
| NATURAL GAS 1 M CSO FIN             | G4  | 162,465            | 127,109            | 27.8%    | 308,695            | -47.4%   | 1,815,792            | 1,036,966            | 75.1%     |
| NATURAL GAS 2 M CSO FIN             | G2  | 4,300              | 1,000              | 330.0%   | 4,100              | 4.9%     | 71,500               | 2,250                | 3,077.8%  |
| NATURAL GAS 3 M CSO FIN             | G3  | 49,480             | 30,500             | 62.2%    | 46,500             | 6.4%     | 2,062,990            | 662,680              | 211.3%    |
| NATURAL GAS 5 M CSO FIN             | G5  | 0                  | 2,000              | -100.0%  | 0                  | 0.0%     | 58,700               | 10,650               | 451.2%    |
| NATURAL GAS 6 M CSO FIN             | G6  | 64,480             | 1,000              | 6,348.0% | 21,150             | 204.9%   | 168,330              | 72,350               | 132.7%    |
| NATURAL GAS OPT                     | JFO | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 0                    | 0                    | 0.0%      |
| NATURAL GAS OPT                     | JKO | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 0                    | 0                    | 0.0%      |
| NATURAL GAS OPT                     | TFO | 0                  | 0                  | 0.0%     | 0                  | -        | 0                    | 0                    | 0.0%      |
| NATURAL GAS OPTION ON CALENDAR STRP | 6J  | 240                | 1,800              | -86.7%   | 320                | -25.0%   | 9,120                | 1,800                | 406.7%    |
| NATURAL GAS PHY                     | KD  | 4,200              | 950                | 342.1%   | 150                | 2,700.0% | 20,425               | 9,550                | 113.9%    |
| NATURAL GAS PHY                     | LN  | 4,985,166          | 3,426,723          | 45.5%    | 4,959,833          | 0.5%     | 48,712,717           | 31,085,139           | 56.7%     |
| NATURAL GAS PHY                     | ON  | 211,592            | 89,449             | 136.6%   | 175,561            | 20.5%    | 1,736,387            | 1,023,509            | 69.7%     |
| NATURAL GAS PHY                     | ON3 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 0                    | 2                    | -100.0%   |
| NY HARBOR HEAT OIL SWP              | AT  | 1,603              | 5,973              | -73.2%   | 6,904              | -76.8%   | 80,979               | 40,444               | 100.2%    |
| PETROCHEMICALS                      | 4H  | 0                  | 0                  | 0.0%     | 240                | -100.0%  | 1,540                | 412                  | 273.8%    |
| PETROCHEMICALS                      | 4J  | 0                  | 0                  | 0.0%     | 0                  | -        | 0                    | 0                    | 0.0%      |
| PETRO OUTRIGHT NA                   | DAP | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 0                    | 90                   | -100.0%   |
| PJM WES HUB PEAK CAL MTH            | 6OA | 0                  | 0                  | 0.0%     | 0                  | -        | 0                    | 0                    | 0.0%      |
| RBOB 1MO CAL SPD OPTIONS            | ZA  | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 2,450                | 500                  | 390.0%    |
| RBOB CALENDAR SWAP                  | RA  | 189                | 0                  | 0.0%     | 327                | -42.2%   | 1,054                | 60                   | 1,656.7%  |
| RBOB PHY                            | OB  | 1,483              | 833                | 78.0%    | 2,614              | -43.3%   | 33,687               | 31,472               | 7.0%      |
| RBOB PHY                            | RF  | 0                  | 632                | -100.0%  | 0                  | 0.0%     | 97                   | 837                  | -88.4%    |
| SHORT TERM                          | U11 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 75                   | 50                   | 50.0%     |
| SHORT TERM                          | U12 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 175                  | 50                   | 250.0%    |
| SHORT TERM                          | U13 | 0                  | 200                | -100.0%  | 0                  | 0.0%     | 150                  | 950                  | -84.2%    |
| SHORT TERM                          | U14 | 0                  | 100                | -100.0%  | 0                  | 0.0%     | 100                  | 350                  | -71.4%    |
| SHORT TERM                          | U15 | 0                  | 100                | -100.0%  | 0                  | 0.0%     | 350                  | 100                  | 250.0%    |
| SHORT TERM                          | U22 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 350                  | 0                    | 0.0%      |
| SHORT TERM                          | U23 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 650                  | 100                  | 550.0%    |
| SHORT TERM                          | U24 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 100                  | 100                  | 0.0%      |
| SHORT TERM                          | U25 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 0                    | 100                  | -100.0%   |
| SHORT TERM                          | U26 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 100                  | 0                    | 0.0%      |
| SHORT TERM NATURAL GAS              | U01 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 375                  | 500                  | -25.0%    |
| SHORT TERM NATURAL GAS              | U02 | 0                  | 250                | -100.0%  | 0                  | 0.0%     | 375                  | 400                  | -6.3%     |
| SHORT TERM NATURAL GAS              | U03 | 0                  | 200                | -100.0%  | 0                  | 0.0%     | 600                  | 4,350                | -86.2%    |



## NYMEX/COMEX Exchange Volume Report - Monthly

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|--------------------------|-----|--------------------|--------------------|---------|--------------------|--------|----------------------|----------------------|----------|
| <b>Energy Options</b>    |     |                    |                    |         |                    |        |                      |                      |          |
| SHORT TERM NATURAL GAS   | U04 | 100                | 0                  | 0.0%    | 500                | -80.0% | 1,125                | 300                  | 275.0%   |
| SHORT TERM NATURAL GAS   | U05 | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 600                  | 1,200                | -50.0%   |
| SHORT TERM NATURAL GAS   | U06 | 0                  | 600                | -100.0% | 0                  | 0.0%   | 325                  | 750                  | -56.7%   |
| SHORT TERM NATURAL GAS   | U07 | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 750                  | 0                    | 0.0%     |
| SHORT TERM NATURAL GAS   | U08 | 0                  | 50                 | -100.0% | 0                  | 0.0%   | 0                    | 650                  | -100.0%  |
| SHORT TERM NATURAL GAS   | U09 | 0                  | 150                | -100.0% | 0                  | 0.0%   | 100                  | 150                  | -33.3%   |
| SHORT TERM NATURAL GAS   | U10 | 0                  | 100                | -100.0% | 0                  | 0.0%   | 1,325                | 550                  | 140.9%   |
| SHORT TERM NATURAL GAS   | U16 | 0                  | 300                | -100.0% | 0                  | 0.0%   | 200                  | 400                  | -50.0%   |
| SHORT TERM NATURAL GAS   | U17 | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 75                   | 50                   | 50.0%    |
| SHORT TERM NATURAL GAS   | U18 | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 175                  | 50                   | 250.0%   |
| SHORT TERM NATURAL GAS   | U19 | 100                | 0                  | 0.0%    | 0                  | 0.0%   | 1,100                | 400                  | 175.0%   |
| SHORT TERM NATURAL GAS   | U20 | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 400                  | 350                  | 14.3%    |
| SHORT TERM NATURAL GAS   | U21 | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 150                  | 450                  | -66.7%   |
| SHORT TERM NATURAL GAS   | U27 | 0                  | 0                  | -       | 0                  | 0.0%   | 300                  | 0                    | -        |
| SHORT TERM NATURAL GAS   | U28 | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 100                  | 100                  | 0.0%     |
| SHORT TERM NATURAL GAS   | U29 | 0                  | 0                  | 0.0%    | 0                  | -      | 0                    | 0                    | 0.0%     |
| SHORT TERM NATURAL GAS   | U30 | 0                  | 300                | -100.0% | 0                  | 0.0%   | 200                  | 650                  | -69.2%   |
| SHORT TERM NATURAL GAS   | U31 | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 0                    | 1,800                | -100.0%  |
| WTI-BRENT BULLET SWAP    | BV  | 25,210             | 16,075             | 56.8%   | 46,050             | -45.3% | 165,435              | 284,342              | -41.8%   |
| WTI CRUDE OIL 1 M CSO FI | 7A  | 101,265            | 103,000            | -1.7%   | 264,275            | -61.7% | 2,075,935            | 925,320              | 124.3%   |
| WTI CRUDE OIL 1 M CSO FI | BVX | 0                  | 0                  | -       | 0                  | 0.0%   | 300                  | 0                    | -        |
| <b>Metals Futures</b>    |     |                    |                    |         |                    |        |                      |                      |          |
| COMEX GOLD               | GC  | 5,882,263          | 5,284,103          | 11.3%   | 4,452,735          | 32.1%  | 56,807,033           | 52,713,255           | 7.8%     |
| NYMEX HOT ROLLED STEEL   | HR  | 30,299             | 27,132             | 11.7%   | 24,361             | 24.4%  | 272,075              | 307,951              | -11.6%   |
| NYMEX PLATINUM           | PL  | 505,973            | 568,411            | -11.0%  | 589,750            | -14.2% | 7,270,386            | 5,479,587            | 32.7%    |
| PALLADIUM                | PA  | 174,761            | 161,316            | 8.3%    | 119,942            | 45.7%  | 1,414,621            | 843,237              | 67.8%    |
| URANIUM                  | UX  | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 452                  | 5                    | 8,940.0% |
| COMEX SILVER             | SI  | 1,779,153          | 1,787,659          | -0.5%   | 1,755,762          | 1.3%   | 20,399,499           | 16,872,319           | 20.9%    |
| COMEX E-Mini GOLD        | QO  | 24,060             | 23,010             | 4.6%    | 28,448             | -15.4% | 315,849              | 340,231              | -7.2%    |
| COMEX E-Mini SILVER      | QI  | 10,412             | 7,064              | 47.4%   | 19,639             | -47.0% | 136,833              | 65,900               | 107.6%   |
| COMEX COPPER             | HG  | 2,111,522          | 2,649,060          | -20.3%  | 1,690,505          | 24.9%  | 26,220,479           | 23,870,712           | 9.8%     |
| COMEX MINY COPPER        | QC  | 3,150              | 5,781              | -45.5%  | 2,579              | 22.1%  | 47,588               | 61,534               | -22.7%   |
| ALUMINUM                 | AEP | 1,639              | 1,068              | 53.5%   | 764                | 114.5% | 10,403               | 18,496               | -43.8%   |



## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                     |      | VOLUME<br>NOV 2024 | VOLUME<br>NOV 2023 | % CHG   | VOLUME<br>OCT 2024 | % CHG   | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG     |
|-------------------------------|------|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|-----------|
| <b>Metals Futures</b>         |      |                    |                    |         |                    |         |                      |                      |           |
| ALUMINUM                      | ALA  | 156                | 0                  | 0.0%    | 120                | 30.0%   | 276                  | 240                  | 15.0%     |
| ALUMINUM                      | ALI  | 67,799             | 161,380            | -58.0%  | 88,937             | -23.8%  | 1,475,066            | 1,032,966            | 42.8%     |
| ALUMINUM                      | AUP  | 8,764              | 7,574              | 15.7%   | 5,871              | 49.3%   | 76,536               | 74,123               | 3.3%      |
| ALUMINUM                      | EDP  | 4,302              | 7,358              | -41.5%  | 5,805              | -25.9%  | 42,075               | 51,054               | -17.6%    |
| ALUMINUM                      | MJP  | 0                  | 0                  | 0.0%    | 180                | -100.0% | 750                  | 770                  | -2.6%     |
| COBALT METAL FUTURES          | COB  | 2,519              | 3,635              | -30.7%  | 2,207              | 14.1%   | 26,480               | 27,166               | -2.5%     |
| COBALT METAL FUTURES          | COH  | 120                | 0                  | -       | 0                  | 0.0%    | 1,390                | 0                    | -         |
| COPPER                        | HGS  | 1,017              | 2,884              | -64.7%  | 2,649              | -61.6%  | 17,773               | 16,571               | 7.3%      |
| COPPER                        | MHG  | 234,411            | 93,288             | 151.3%  | 259,099            | -9.5%   | 2,806,299            | 1,142,580            | 145.6%    |
| FERROUS PRODUCTS              | BUS  | 549                | 3,123              | -82.4%  | 3,083              | -82.2%  | 17,066               | 14,423               | 18.3%     |
| FERROUS PRODUCTS              | FSF  | 6                  | 49                 | -87.8%  | 6                  | 0.0%    | 180                  | 319                  | -43.6%    |
| FERROUS PRODUCTS              | SHR  | 0                  | 0                  | -       | 0                  | 0.0%    | 1                    | 0                    | -         |
| GOLD                          | SGC  | 4,307              | 1,889              | 128.0%  | 4,254              | 1.2%    | 60,012               | 4,431                | 1,254.4%  |
| GOLD                          | SGU  | 14,246             | 4,871              | 192.5%  | 10,406             | 36.9%   | 124,220              | 7,843                | 1,483.8%  |
| HOT ROLLED COIL STEEL FUTURES | EHR  | 6,352              | 4,984              | 27.4%   | 9,479              | -33.0%  | 62,651               | 56,063               | 11.8%     |
| IRON ORE CHINA                | TIO  | 0                  | 212                | -100.0% | 0                  | 0.0%    | 950                  | 3,069                | -69.0%    |
| LITHIUM CARBONATE FUTURES     | LTC  | 449                | 0                  | 0.0%    | 490                | -8.4%   | 2,206                | 8                    | 27,475.0% |
| METALS                        | HDG  | 0                  | 0                  | 0.0%    | 940                | -100.0% | 1,000                | 1,441                | -30.6%    |
| METALS                        | LTH  | 10,834             | 3,663              | 195.8%  | 8,606              | 25.9%   | 86,398               | 16,793               | 414.5%    |
| METALS                        | PAC  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 500                  | -100.0%   |
| MICRO GOLD                    | MGC  | 2,841,730          | 1,217,754          | 133.4%  | 2,540,421          | 11.9%   | 24,264,707           | 15,020,067           | 61.5%     |
| MOLYBDENUM OXIDE FUTURES      | MOX  | 90                 | 164                | -45.1%  | 140                | -35.7%  | 2,272                | 1,306                | 74.0%     |
| SILVER                        | SIL  | 443,248            | 241,586            | 83.5%   | 606,867            | -27.0%  | 4,431,271            | 2,480,653            | 78.6%     |
| SPODUMENE                     | SPM  | 0                  | 0                  | -       | 39                 | -100.0% | 39                   | 0                    | -         |
| <b>Metals Options</b>         |      |                    |                    |         |                    |         |                      |                      |           |
| ALUMINUM                      | ALO  | 0                  | 0                  | 0.0%    | 0                  | -       | 0                    | 0                    | 0.0%      |
| ALUMINUM                      | AX   | 7,564              | 727                | 940.4%  | 2,997              | 152.4%  | 49,201               | 12,962               | 279.6%    |
| COMEX COPPER                  | HX   | 241,269            | 79,569             | 203.2%  | 192,356            | 25.4%   | 2,820,571            | 1,303,356            | 116.4%    |
| COMEX GOLD                    | ECGC | 4,302              | 3,098              | 38.9%   | 4,405              | -2.3%   | 40,011               | 62,158               | -35.6%    |
| COMEX GOLD                    | OG   | 1,483,015          | 1,055,064          | 40.6%   | 1,334,435          | 11.1%   | 14,812,887           | 11,241,243           | 31.8%     |
| COMEX SILVER                  | ECSI | 2,284              | 728                | 213.7%  | 595                | 283.9%  | 7,536                | 33,821               | -77.7%    |
| COMEX SILVER                  | SO   | 259,169            | 157,527            | 64.5%   | 412,006            | -37.1%  | 3,399,583            | 1,713,516            | 98.4%     |
| COPPER                        | ECHG | 2,537              | 360                | 604.7%  | 1,000              | 153.7%  | 8,301                | 27,402               | -69.7%    |
| COPPER                        | H1E  | 866                | 1,218              | -28.9%  | 1,502              | -42.3%  | 21,249               | 12,674               | 67.7%     |

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## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity             |     | VOLUME<br>NOV 2024 | VOLUME<br>NOV 2023 | % CHG   | VOLUME<br>OCT 2024 | % CHG   | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG    |
|-----------------------|-----|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|----------|
| <b>Metals Options</b> |     |                    |                    |         |                    |         |                      |                      |          |
| COPPER                | H1M | 743                | 201                | 269.7%  | 1,499              | -50.4%  | 10,139               | 2,828                | 258.5%   |
| COPPER                | H1R | 164                | 0                  | -       | 116                | 41.4%   | 2,901                | 0                    | -        |
| COPPER                | H1T | 330                | 0                  | -       | 590                | -44.1%  | 3,960                | 0                    | -        |
| COPPER                | H1W | 989                | 2,815              | -64.9%  | 1,275              | -22.4%  | 23,782               | 20,129               | 18.1%    |
| COPPER                | H2E | 2,558              | 1,282              | 99.5%   | 2,157              | 18.6%   | 23,281               | 9,141                | 154.7%   |
| COPPER                | H2M | 906                | 331                | 173.7%  | 1,511              | -40.0%  | 6,761                | 4,214                | 60.4%    |
| COPPER                | H2R | 270                | 0                  | -       | 393                | -31.3%  | 2,714                | 0                    | -        |
| COPPER                | H2T | 316                | 0                  | -       | 412                | -23.3%  | 3,872                | 0                    | -        |
| COPPER                | H2W | 329                | 603                | -45.4%  | 415                | -20.7%  | 8,967                | 5,782                | 55.1%    |
| COPPER                | H3E | 1,061              | 888                | 19.5%   | 2,151              | -50.7%  | 16,612               | 7,461                | 122.7%   |
| COPPER                | H3M | 361                | 533                | -32.3%  | 512                | -29.5%  | 4,790                | 2,896                | 65.4%    |
| COPPER                | H3R | 328                | 0                  | -       | 481                | -31.8%  | 4,625                | 0                    | -        |
| COPPER                | H3T | 313                | 0                  | -       | 863                | -63.7%  | 4,136                | 0                    | -        |
| COPPER                | H3W | 295                | 422                | -30.1%  | 266                | 10.9%   | 8,126                | 3,654                | 122.4%   |
| COPPER                | H4E | 943                | 215                | 338.6%  | 638                | 47.8%   | 16,022               | 4,436                | 261.2%   |
| COPPER                | H4M | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 2,402                | 2,017                | 19.1%    |
| COPPER                | H4R | 0                  | 0                  | -       | 221                | -100.0% | 1,983                | 0                    | -        |
| COPPER                | H4T | 165                | 0                  | -       | 230                | -28.3%  | 1,127                | 0                    | -        |
| COPPER                | H4W | 319                | 779                | -59.1%  | 281                | 13.5%   | 5,008                | 2,753                | 81.9%    |
| COPPER                | H5E | 1,105              | 0                  | 0.0%    | 0                  | 0.0%    | 3,723                | 1,357                | 174.4%   |
| COPPER                | H5M | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 1,361                | 877                  | 55.2%    |
| COPPER                | H5R | 0                  | 0                  | -       | 315                | -100.0% | 931                  | 0                    | -        |
| COPPER                | H5T | 0                  | 0                  | -       | 184                | -100.0% | 1,118                | 0                    | -        |
| COPPER                | H5W | 0                  | 84                 | -100.0% | 360                | -100.0% | 1,645                | 1,933                | -14.9%   |
| GOLD                  | 1FG | 33                 | 48                 | -31.3%  | 349                | -90.5%  | 1,714                | 63                   | 2,620.6% |
| GOLD                  | 1MG | 44                 | 34                 | 29.4%   | 94                 | -53.2%  | 438                  | 34                   | 1,188.2% |
| GOLD                  | 1WG | 153                | 17                 | 800.0%  | 75                 | 104.0%  | 1,165                | 23                   | 4,965.2% |
| GOLD                  | 2FG | 115                | 64                 | 79.7%   | 150                | -23.3%  | 2,296                | 64                   | 3,487.5% |
| GOLD                  | 2MG | 43                 | 69                 | -37.7%  | 32                 | 34.4%   | 550                  | 69                   | 697.1%   |
| GOLD                  | 2WG | 149                | 226                | -34.1%  | 98                 | 52.0%   | 1,176                | 228                  | 415.8%   |
| GOLD                  | 3FG | 121                | 66                 | 83.3%   | 186                | -34.9%  | 1,876                | 73                   | 2,469.9% |
| GOLD                  | 3MG | 47                 | 194                | -75.8%  | 26                 | 80.8%   | 486                  | 194                  | 150.5%   |
| GOLD                  | 3WG | 94                 | 27                 | 248.1%  | 288                | -67.4%  | 1,301                | 37                   | 3,416.2% |
| GOLD                  | 4FG | 87                 | 59                 | 47.5%   | 210                | -58.6%  | 1,400                | 63                   | 2,122.2% |
| GOLD                  | 4MG | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 281                  | 4                    | 6,925.0% |
| GOLD                  | 4WG | 161                | 63                 | 155.6%  | 51                 | 215.7%  | 892                  | 64                   | 1,293.8% |

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## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity              |     | VOLUME<br>NOV 2024 | VOLUME<br>NOV 2023 | % CHG   | VOLUME<br>OCT 2024 | % CHG    | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG    |
|------------------------|-----|--------------------|--------------------|---------|--------------------|----------|----------------------|----------------------|----------|
| <b>Metals Options</b>  |     |                    |                    |         |                    |          |                      |                      |          |
| GOLD                   | 5FG | 83                 | 0                  | -       | 0                  | 0.0%     | 323                  | 0                    | -        |
| GOLD                   | 5MG | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 129                  | 2                    | 6,350.0% |
| GOLD                   | 5WG | 0                  | 38                 | -100.0% | 147                | -100.0%  | 330                  | 38                   | 768.4%   |
| GOLD                   | G1M | 34,379             | 17,756             | 93.6%   | 41,158             | -16.5%   | 238,431              | 125,454              | 90.1%    |
| GOLD                   | G1R | 15,099             | 0                  | -       | 8,361              | 80.6%    | 102,708              | 0                    | -        |
| GOLD                   | G1T | 9,838              | 0                  | -       | 12,526             | -21.5%   | 113,880              | 0                    | -        |
| GOLD                   | G1W | 28,004             | 9,183              | 205.0%  | 19,373             | 44.6%    | 237,162              | 134,442              | 76.4%    |
| GOLD                   | G2M | 34,359             | 15,556             | 120.9%  | 21,872             | 57.1%    | 247,492              | 125,789              | 96.8%    |
| GOLD                   | G2R | 13,437             | 0                  | -       | 7,497              | 79.2%    | 109,023              | 0                    | -        |
| GOLD                   | G2T | 10,868             | 0                  | -       | 7,774              | 39.8%    | 97,931               | 0                    | -        |
| GOLD                   | G2W | 33,622             | 10,551             | 218.7%  | 21,586             | 55.8%    | 236,258              | 129,013              | 83.1%    |
| GOLD                   | G3M | 31,148             | 21,270             | 46.4%   | 22,600             | 37.8%    | 195,842              | 108,120              | 81.1%    |
| GOLD                   | G3R | 10,360             | 0                  | -       | 6,199              | 67.1%    | 108,064              | 0                    | -        |
| GOLD                   | G3T | 9,776              | 0                  | -       | 5,878              | 66.3%    | 93,219               | 0                    | -        |
| GOLD                   | G3W | 21,347             | 12,954             | 64.8%   | 15,299             | 39.5%    | 203,973              | 124,302              | 64.1%    |
| GOLD                   | G4M | 492                | 0                  | 0.0%    | 0                  | 0.0%     | 100,577              | 80,609               | 24.8%    |
| GOLD                   | G4R | 0                  | 0                  | -       | 6,139              | -100.0%  | 68,860               | 0                    | -        |
| GOLD                   | G4T | 11,989             | 0                  | -       | 11,829             | 1.4%     | 61,763               | 0                    | -        |
| GOLD                   | G4W | 24,531             | 17,755             | 38.2%   | 17,872             | 37.3%    | 169,781              | 106,824              | 58.9%    |
| GOLD                   | G5M | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 78,603               | 34,529               | 127.6%   |
| GOLD                   | G5R | 0                  | 0                  | -       | 13,591             | -100.0%  | 28,557               | 0                    | -        |
| GOLD                   | G5T | 0                  | 0                  | -       | 6,378              | -100.0%  | 26,007               | 0                    | -        |
| GOLD                   | G5W | 0                  | 20,201             | -100.0% | 24,469             | -100.0%  | 80,414               | 47,379               | 69.7%    |
| GOLD                   | OG1 | 29,885             | 50,996             | -41.4%  | 83,077             | -64.0%   | 654,632              | 526,185              | 24.4%    |
| GOLD                   | OG2 | 71,142             | 51,173             | 39.0%   | 73,262             | -2.9%    | 670,316              | 550,057              | 21.9%    |
| GOLD                   | OG3 | 72,723             | 56,254             | 29.3%   | 45,520             | 59.8%    | 672,456              | 539,157              | 24.7%    |
| GOLD                   | OG4 | 66,776             | 31,636             | 111.1%  | 39,804             | 67.8%    | 524,682              | 361,162              | 45.3%    |
| GOLD                   | OG5 | 52,262             | 0                  | 0.0%    | 0                  | 0.0%     | 133,898              | 142,721              | -6.2%    |
| GOLD                   | OMG | 401                | 367                | 9.3%    | 706                | -43.2%   | 8,912                | 423                  | 2,006.9% |
| IRON ORE CHINA         | ICT | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 360                  | -100.0%  |
| NYMEX HOT ROLLED STEEL | COO | 510                | 0                  | -       | 15                 | 3,300.0% | 3,135                | 0                    | -        |
| NYMEX HOT ROLLED STEEL | EHO | 30                 | 0                  | -       | 150                | -80.0%   | 180                  | 0                    | -        |
| NYMEX HOT ROLLED STEEL | HRO | 3,794              | 2,894              | 31.1%   | 5,010              | -24.3%   | 48,271               | 29,960               | 61.1%    |
| NYMEX HOT ROLLED STEEL | LHO | 0                  | 0                  | -       | 325                | -100.0%  | 1,345                | 0                    | -        |
| NYMEX PLATINUM         | PO  | 21,550             | 13,533             | 59.2%   | 32,577             | -33.8%   | 253,571              | 164,569              | 54.1%    |
| PALLADIUM              | PAO | 5,107              | 1,157              | 341.4%  | 9,118              | -44.0%   | 32,372               | 9,101                | 255.7%   |



## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                  |     | VOLUME<br>NOV 2024 | VOLUME<br>NOV 2023 | % CHG        | VOLUME<br>OCT 2024 | % CHG        | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG        |
|----------------------------|-----|--------------------|--------------------|--------------|--------------------|--------------|----------------------|----------------------|--------------|
| <b>Metals Options</b>      |     |                    |                    |              |                    |              |                      |                      |              |
| SILVER                     | M1S | 3,538              | 3,053              | 15.9%        | 5,288              | -33.1%       | 30,288               | 17,411               | 74.0%        |
| SILVER                     | M2S | 3,332              | 2,328              | 43.1%        | 3,297              | 1.1%         | 30,545               | 20,895               | 46.2%        |
| SILVER                     | M3S | 2,356              | 2,312              | 1.9%         | 5,398              | -56.4%       | 30,873               | 14,277               | 116.2%       |
| SILVER                     | M4S | 22                 | 0                  | 0.0%         | 0                  | 0.0%         | 13,458               | 8,358                | 61.0%        |
| SILVER                     | M5S | 0                  | 0                  | 0.0%         | 0                  | 0.0%         | 11,277               | 3,922                | 187.5%       |
| SILVER                     | R1S | 2,467              | 0                  | -            | 1,640              | 50.4%        | 19,008               | 0                    | -            |
| SILVER                     | R2S | 1,793              | 0                  | -            | 1,766              | 1.5%         | 20,562               | 0                    | -            |
| SILVER                     | R3S | 1,456              | 0                  | -            | 2,034              | -28.4%       | 21,204               | 0                    | -            |
| SILVER                     | R4S | 0                  | 0                  | -            | 4,056              | -100.0%      | 19,915               | 0                    | -            |
| SILVER                     | R5S | 0                  | 0                  | -            | 4,307              | -100.0%      | 9,970                | 0                    | -            |
| SILVER                     | S1T | 2,190              | 0                  | -            | 3,643              | -39.9%       | 22,800               | 0                    | -            |
| SILVER                     | S2T | 2,414              | 0                  | -            | 3,545              | -31.9%       | 23,749               | 0                    | -            |
| SILVER                     | S3T | 1,340              | 0                  | -            | 1,330              | 0.8%         | 19,882               | 0                    | -            |
| SILVER                     | S4T | 1,928              | 0                  | -            | 4,855              | -60.3%       | 16,098               | 0                    | -            |
| SILVER                     | S5T | 0                  | 0                  | -            | 2,046              | -100.0%      | 5,719                | 0                    | -            |
| SILVER                     | SO1 | 6,691              | 7,793              | -14.1%       | 25,957             | -74.2%       | 132,376              | 83,430               | 58.7%        |
| SILVER                     | SO2 | 9,325              | 6,687              | 39.4%        | 14,751             | -36.8%       | 117,382              | 89,607               | 31.0%        |
| SILVER                     | SO3 | 12,343             | 5,769              | 114.0%       | 10,987             | 12.3%        | 115,972              | 73,128               | 58.6%        |
| SILVER                     | SO4 | 6,955              | 4,363              | 59.4%        | 12,176             | -42.9%       | 94,459               | 50,984               | 85.3%        |
| SILVER                     | SO5 | 7,562              | 0                  | 0.0%         | 0                  | 0.0%         | 26,314               | 19,976               | 31.7%        |
| SILVER                     | W1S | 3,170              | 1,686              | 88.0%        | 3,135              | 1.1%         | 35,751               | 24,256               | 47.4%        |
| SILVER                     | W2S | 1,990              | 1,621              | 22.8%        | 3,340              | -40.4%       | 29,123               | 19,855               | 46.7%        |
| SILVER                     | W3S | 2,086              | 2,005              | 4.0%         | 3,125              | -33.2%       | 28,542               | 18,688               | 52.7%        |
| SILVER                     | W4S | 2,167              | 2,050              | 5.7%         | 6,523              | -66.8%       | 28,020               | 11,935               | 134.8%       |
| SILVER                     | W5S | 0                  | 2,280              | -100.0%      | 4,280              | -100.0%      | 12,717               | 6,675                | 90.5%        |
| <b>TOTAL FUTURES GROUP</b> |     |                    |                    |              |                    |              |                      |                      |              |
| Ag Products Futures        |     | 11,197             | 0                  | -            | 28,923             | -61.3%       | 73,085               | 0                    | -            |
| Energy Futures             |     | 42,537,766         | 37,466,533         | 13.5%        | 49,063,124         | -13.3%       | 478,888,558          | 419,904,902          | 14.0%        |
| Metals Futures             |     | 14,164,131         | 12,269,018         | 15.4%        | 12,234,084         | 15.8%        | 146,394,836          | 120,525,613          | 21.5%        |
| <b>TOTAL FUTURES</b>       |     | <b>56,713,094</b>  | <b>49,735,551</b>  | <b>14.0%</b> | <b>61,326,131</b>  | <b>-7.5%</b> | <b>625,356,479</b>   | <b>540,430,515</b>   | <b>15.7%</b> |

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The open interest values are based on preliminary open interest values only.



## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                  | VOLUME<br>NOV 2024 | VOLUME<br>NOV 2023 | % CHG        | VOIUME<br>OCT 2024 | % CHG         | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG        |
|----------------------------|--------------------|--------------------|--------------|--------------------|---------------|----------------------|----------------------|--------------|
| <b>TOTAL OPTIONS GROUP</b> |                    |                    |              |                    |               |                      |                      |              |
| Energy Options             | 9,172,261          | 7,784,652          | 17.8%        | 12,147,172         | -24.5%        | 99,635,547           | 68,968,256           | 44.5%        |
| Metals Options             | 2,702,185          | 1,682,532          | 60.6%        | 2,653,316          | 1.8%          | 27,852,001           | 18,281,119           | 52.4%        |
| <b>TOTAL OPTIONS</b>       | <b>11,874,446</b>  | <b>9,467,184</b>   | <b>25.4%</b> | <b>14,800,488</b>  | <b>-19.8%</b> | <b>127,487,548</b>   | <b>87,249,375</b>    | <b>46.1%</b> |
| <b>TOTAL COMBINED</b>      |                    |                    |              |                    |               |                      |                      |              |
| Ag Products                | 11,197             | 0                  | -            | 28,923             | -61.3%        | 73,085               | 0                    |              |
| Energy                     | 51,710,027         | 45,251,185         | 14.3%        | 61,210,296         | -15.5%        | 578,524,105          | 488,873,158          | 18.3%        |
| Metals                     | 16,866,316         | 13,951,550         | 20.9%        | 14,887,400         | 13.3%         | 174,246,837          | 138,806,732          | 25.5%        |
| <b>GRAND TOTAL</b>         | <b>68,587,540</b>  | <b>59,202,735</b>  | <b>15.9%</b> | <b>76,126,619</b>  | <b>-9.9%</b>  | <b>752,844,027</b>   | <b>627,679,890</b>   | <b>19.9%</b> |