

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                           |     | VOLUME<br>JUL 2024 | VOLUME<br>JUL 2023 | % CHG   | VOLUME<br>JUN 2024 | % CHG  | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG   |
|-------------------------------------|-----|--------------------|--------------------|---------|--------------------|--------|----------------------|----------------------|---------|
| <b>Ag Products Futures</b>          |     |                    |                    |         |                    |        |                      |                      |         |
| IN DELIVERY EUA                     | ECF | 800                | 0                  | -       | 609                | 31.4%  | 6,363                | 0                    | -       |
| <b>Energy Futures</b>               |     |                    |                    |         |                    |        |                      |                      |         |
| CRUDE OIL PHY                       | CL  | 20,464,077         | 16,382,680         | 24.9%   | 17,198,272         | 19.0%  | 126,393,299          | 117,166,564          | 7.9%    |
| CRUDE OIL                           | WS  | 0                  | 0                  | 0.0%    | 0                  | -      | 0                    | 0                    | 0.0%    |
| MINY WTI CRUDE OIL                  | QM  | 164,910            | 268,736            | -38.6%  | 145,673            | 13.2%  | 1,450,793            | 2,281,927            | -36.4%  |
| BRENT OIL LAST DAY                  | BZ  | 2,994,645          | 1,064,524          | 181.3%  | 2,142,728          | 39.8%  | 12,674,925           | 8,086,789            | 56.7%   |
| HEATING OIL PHY                     | HO  | 3,719,416          | 3,104,862          | 19.8%   | 3,579,190          | 3.9%   | 26,326,155           | 21,775,673           | 20.9%   |
| HTG OIL                             | BH  | 48                 | 36                 | 33.3%   | 0                  | 0.0%   | 96                   | 84                   | 14.3%   |
| MINY HTG OIL                        | QH  | 7                  | 5                  | 40.0%   | 8                  | -12.5% | 50                   | 72                   | -30.6%  |
| RBOB PHY                            | RB  | 4,318,805          | 3,748,996          | 15.2%   | 3,548,191          | 21.7%  | 27,675,599           | 25,510,546           | 8.5%    |
| MINY RBOB GAS                       | QU  | 7                  | 6                  | 16.7%   | 7                  | 0.0%   | 47                   | 68                   | -30.9%  |
| NATURAL GAS                         | HP  | 285,651            | 136,135            | 109.8%  | 241,508            | 18.3%  | 1,893,432            | 1,331,269            | 42.2%   |
| LTD NAT GAS                         | HH  | 371,878            | 269,541            | 38.0%   | 397,706            | -6.5%  | 2,886,081            | 2,424,423            | 19.0%   |
| MINY NATURAL GAS                    | QG  | 100,988            | 148,199            | -31.9%  | 105,820            | -4.6%  | 1,035,276            | 1,698,037            | -39.0%  |
| NATURAL GAS PHY                     | NG  | 9,874,787          | 6,478,580          | 52.4%   | 9,715,689          | 1.6%   | 73,800,716           | 58,293,921           | 26.6%   |
| RBOB GAS                            | RT  | 24                 | 12                 | 100.0%  | 0                  | 0.0%   | 48                   | 48                   | 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  | 3,050              | 2,240              | 36.2%   | 3,400              | -10.3% | 14,645               | 26,320               | -44.4%  |
| ARGUS PROPAN FAR EST INDE           | 7E  | 6,576              | 8,213              | -19.9%  | 6,247              | 5.3%   | 47,688               | 58,991               | -19.2%  |
| ARGUS PROPAN(SAUDI ARAMCO           | 9N  | 1,680              | 2,493              | -32.6%  | 1,227              | 36.9%  | 11,878               | 19,880               | -40.3%  |
| BRENT BALMO SWAP                    | J9  | 0                  | 15                 | -100.0% | 0                  | 0.0%   | 50                   | 35                   | 42.9%   |
| BRENT CALENDAR SWAP                 | CY  | 13,904             | 4,310              | 222.6%  | 2,224              | 525.2% | 32,198               | 59,474               | -45.9%  |
| BRENT FINANCIAL FUTURES             | MBC | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 0                    | 330                  | -100.0% |
| 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 | 6,980              | 4,420              | 57.9%   | 3,814              | 83.0%  | 48,785               | 73,480               | -33.6%  |
| CAR VINTAGE                         | NGO | 2,287              | 4,667              | -51.0%  | 2,021              | 13.2%  | 41,549               | 43,138               | -3.7%   |
| CEU ENERGY                          | TFU | 0                  | 330                | -100.0% | 0                  | 0.0%   | 0                    | 330                  | -100.0% |
| CEU ENERGY                          | TTG | 36                 | 0                  | -       | 656                | -94.5% | 12,294               | 0                    | -       |
| CHICAGO ETHANOL SWAP                | CU  | 106,840            | 71,785             | 48.8%   | 109,401            | -2.3%  | 673,259              | 513,240              | 31.2%   |
| CHICAGO ULSD PL VS HO SPR           | 5C  | 455                | 2,415              | -81.2%  | 771                | -41.0% | 7,100                | 8,280                | -14.3%  |
| CHICAGO UNL GAS PL VS RBO           | 3C  | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 1,585                | 0                    | 0.0%    |
| CONWAY NATURAL GASOLINE (OPIS) SWAP | 8L  | 320                | 36                 | 788.9%  | 265                | 20.8%  | 1,821                | 486                  | 274.7%  |

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| <b>Energy Futures</b>               |     |                    |                    |         |                    |        |                      |                      |         |
| CONWAY NORMAL BUTANE (OPIS) SWAP    | 8M  | 687                | 333                | 106.3%  | 340                | 102.1% | 1,957                | 2,033                | -3.7%   |
| CONWAY PROPANE 5 DECIMALS SWAP      | 8K  | 17,855             | 17,922             | -0.4%   | 27,170             | -34.3% | 131,309              | 134,540              | -2.4%   |
| CRUDE OIL LAST DAY                  | 26  | 856                | 120                | 613.3%  | 1,139              | -24.8% | 5,835                | 2,691                | 116.8%  |
| CRUDE OIL OUTRIGHTS                 | 42  | 1,688              | 883                | 91.2%   | 1,734              | -2.7%  | 6,840                | 2,697                | 153.6%  |
| 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 | 4,928              | 0                  | -       | 3,375              | 46.0%  | 17,488               | 0                    | -       |
| CRUDE OIL OUTRIGHTS                 | HTT | 228,137            | 120,209            | 89.8%   | 215,631            | 5.8%   | 1,437,334            | 978,769              | 46.9%   |
| 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 PHY                       | CLL | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 0                    | 0                    | 0.0%    |
| CRUDE OIL PHY                       | MCL | 1,419,816          | 1,698,892          | -16.4%  | 1,221,869          | 16.2%  | 11,688,682           | 13,487,967           | -13.3%  |
| CRUDE OIL SPRDS                     | ANT | 130                | 2,403              | -94.6%  | 220                | -40.9% | 4,039                | 5,233                | -22.8%  |
| CRUDE OIL SPRDS                     | BKT | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 0                    | 750                  | -100.0% |
| CRUDE OIL SPRDS                     | HIL | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 0                    | 0                    | 0.0%    |
| CRUDE OIL SPRDS                     | WTT | 93,071             | 45,125             | 106.3%  | 80,475             | 15.7%  | 679,270              | 452,649              | 50.1%   |
| 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  | 200                | 400                | -50.0%  | 0                  | 0.0%   | 1,100                | 400                  | 175.0%  |
| DUTCH TTF NATURAL GAS CAL MONTH FUT | TTF | 19,533             | 28,974             | -32.6%  | 11,628             | 68.0%  | 120,958              | 68,644               | 76.2%   |
| EIA FLAT TAX ONHWAY DIESE           | A5  | 24                 | 0                  | 0.0%    | 159                | -84.9% | 1,320                | 781                  | 69.0%   |
| EMMISSIONS                          | CGO | 0                  | 3,219              | -100.0% | 0                  | 0.0%   | 539                  | 16,012               | -96.6%  |
| ETHANOL                             | MTH | 0                  | 0                  | 0.0%    | 0                  | -      | 0                    | 0                    | 0.0%    |
| ETHANOL                             | Z1B | 0                  | 10                 | -100.0% | 0                  | 0.0%   | 32                   | 36                   | -11.1%  |
| ETHANOL SWAP                        | MT2 | 160                | 140                | 14.3%   | 60                 | 166.7% | 765                  | 2,340                | -67.3%  |
| ETHANOL T2 FOB ROTT INCL DUTY SWAP  | Z1  | 4,959              | 4,180              | 18.6%   | 4,759              | 4.2%   | 32,005               | 29,984               | 6.7%    |
| EURO 3.5% FUEL OIL RDAM B           | KR  | 59                 | 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%    |

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| <b>Energy Futures</b>              |     |                    |                    |         |                    |        |                      |                      |           |
| 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  | 155                | 0                  | 0.0%    | 87                 | 78.2%  | 699                  | 223                  | 213.5%    |
| EUROPEAN GASOIL (ICE)              | 7F  | 66,271             | 0                  | 0.0%    | 64,713             | 2.4%   | 188,991              | 261                  | 72,310.3% |
| EUROPEAN NAPHTHA BALMO             | KZ  | 0                  | 25                 | -100.0% | 0                  | 0.0%   | 20                   | 89                   | -77.5%    |
| EUROPEAN NAPHTHA CRACK SPR         | EN  | 1,095              | 3,263              | -66.4%  | 1,255              | -12.7% | 14,335               | 22,421               | -36.1%    |
| EUROPE DATED BRENT SWAP            | UB  | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 2,600                | 0                    | 0.0%      |
| EUROPE NAPHTHA CALSWAP             | UN  | 534                | 636                | -16.0%  | 501                | 6.6%   | 3,248                | 6,689                | -51.4%    |
| EURO PROPANE CIF ARA SWA           | PS  | 1,198              | 2,235              | -46.4%  | 976                | 22.7%  | 7,820                | 13,750               | -43.1%    |
| FREIGHT MARKETS                    | BG2 | 15                 | 0                  | -       | 50                 | -70.0% | 1,875                | 0                    | -         |
| FREIGHT MARKETS                    | BL2 | 0                  | 15                 | -100.0% | 0                  | 0.0%   | 740                  | 1,200                | -38.3%    |
| 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                    | 10                   | -70.0%    |
| FREIGHT MARKETS                    | FLP | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 15                   | 29                   | -48.3%    |
| 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  | 410                | 524                | -21.8%  | 767                | -46.5% | 4,342                | 1,848                | 135.0%    |
| GAS EURO-BOB OXY NWE BARGES CRK    | 7K  | 1,725              | 354                | 387.3%  | 2,255              | -23.5% | 20,346               | 10,385               | 95.9%     |
| 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                    | 0                    | 0.0%      |
| GASOIL 10PPM VS ICE SWAP           | TP  | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 0                    | 0                    | 0.0%      |
| GASOIL CALENDAR SWAP               | GX  | 138                | 0                  | 0.0%    | 30                 | 360.0% | 345                  | 45                   | 666.7%    |
| GASOIL CRACK SPREAD CALEN          | GZ  | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 1,461                | 525                  | 178.3%    |
| GASOIL MINI CALENDAR SWAP          | QA  | 466                | 208                | 124.0%  | 494                | -5.7%  | 2,713                | 1,443                | 88.0%     |
| 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  | 4,669              | 5,695              | -18.0%  | 9,456              | -50.6% | 61,705               | 29,216               | 111.2%    |
| GRP THREE UNL GS (PLT) VS          | A8  | 1,190              | 2,030              | -41.4%  | 1,775              | -33.0% | 25,865               | 17,017               | 52.0%     |
| GULF COAST 3% FUEL OIL BA          | VZ  | 1,127              | 0                  | 0.0%    | 0                  | 0.0%   | 2,399                | 0                    | 0.0%      |
| GULF COAST JET VS NYM 2 H          | ME  | 10,949             | 11,645             | -6.0%   | 7,231              | 51.4%  | 81,685               | 69,987               | 16.7%     |
| GULF COAST NO.6 FUEL OIL           | MF  | 6,856              | 2,559              | 167.9%  | 2,105              | 225.7% | 27,985               | 32,944               | -15.1%    |

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|--------------------------------------|-----|--------------------|--------------------|----------|--------------------|----------|----------------------|----------------------|-----------|
| <b>Energy Futures</b>                |     |                    |                    |          |                    |          |                      |                      |           |
| GULF COAST NO.6 FUEL OIL             | MG  | 18,563             | 15,396             | 20.6%    | 13,472             | 37.8%    | 106,573              | 100,225              | 6.3%      |
| GULF COAST ULSD CALENDAR             | LY  | 24                 | 0                  | 0.0%     | 159                | -84.9%   | 1,101                | 862                  | 27.7%     |
| GULF COAST ULSD CRACK SPR            | GY  | 0                  | 0                  | 0.0%     | 0                  | -        | 0                    | 0                    | 0.0%      |
| HEATING OIL BALMO CLNDR S            | 1G  | 30                 | 93                 | -67.7%   | 15                 | 100.0%   | 2,249                | 1,256                | 79.1%     |
| HEATING OIL CRCK SPRD BAL            | 1H  | 200                | 0                  | 0.0%     | 50                 | 300.0%   | 250                  | 0                    | 0.0%      |
| HEATING OIL PHY                      | HOL | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 0                    | 0                    | 0.0%      |
| HEATING OIL PHY                      | MHO | 2                  | 0                  | 0.0%     | 5                  | -60.0%   | 20                   | 10                   | 100.0%    |
| HENRY HUB SWAP                       | NN  | 30,449             | 17,940             | 69.7%    | 21,928             | 38.9%    | 159,022              | 232,191              | -31.5%    |
| ICE BRENT DUBAI SWAP                 | DB  | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 0                    | 190                  | -100.0%   |
| INDONESIAN COAL ICI4                 | ICI | 0                  | 0                  | 0.0%     | 0                  | -        | 0                    | 0                    | 0.0%      |
| JAPAN C&F NAPHTHA CRACK S            | JB  | 0                  | 0                  | 0.0%     | 600                | -100.0%  | 1,557                | 5                    | 31,040.0% |
| JAPAN C&F NAPHTHA SWAP               | JA  | 494                | 67                 | 637.3%   | 300                | 64.7%    | 2,423                | 1,129                | 114.6%    |
| JAPAN NAPHTHA BALMO SWAP             | E6  | 5                  | 0                  | 0.0%     | 0                  | 0.0%     | 30                   | 12                   | 150.0%    |
| JET CIF NWE VS ICE                   | JC  | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 66                   | 186                  | -64.5%    |
| JET FUEL UP-DOWN BALMO CL            | 1M  | 695                | 1,590              | -56.3%   | 290                | 139.7%   | 13,502               | 7,061                | 91.2%     |
| JKM LNG Futures                      | JKM | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 0                    | 0                    | 0.0%      |
| LA CARB DIESEL (OPIS) SWA            | KL  | 15                 | 100                | -85.0%   | 152                | -90.1%   | 3,017                | 2,368                | 27.4%     |
| LA CARBOB GASOLINE(OPIS)S            | JL  | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 50                   | 225                  | -77.8%    |
| LA JET (OPIS) SWAP                   | JS  | 1,515              | 360                | 320.8%   | 760                | 99.3%    | 9,965                | 4,065                | 145.1%    |
| 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  | 19,195             | 10,690             | 79.6%    | 12,635             | 51.9%    | 110,917              | 122,660              | -9.6%     |
| MCCLOSKEY ARA ARGS COAL              | MTF | 118                | 588                | -79.9%   | 294                | -59.9%   | 1,894                | 6,933                | -72.7%    |
| MCCLOSKEY RCH BAY COAL               | MFF | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 0                    | 12                   | -100.0%   |
| MINI GAS EUROBOB OXY NWE ARGS BALMO  | MEB | 0                  | 110                | -100.0%  | 5                  | -100.0%  | 5                    | 130                  | -96.2%    |
| MINI RBOB V. EBOBARG NWE BRGS BALMO  | MXR | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 0                    | 210                  | -100.0%   |
| MINI RBOB V. EBOB(ARGUS) NWE BRGS    | MXB | 30                 | 0                  | 0.0%     | 140                | -78.6%   | 722                  | 929                  | -22.3%    |
| MJC FUT                              | MJC | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 30                   | 0                    | 0.0%      |
| MNC FUT                              | MNC | 214                | 479                | -55.3%   | 499                | -57.1%   | 2,629                | 7,337                | -64.2%    |
| MONT BELVIEU ETHANE 5 DECIMAL        | C0  | 44,435             | 45,897             | -3.2%    | 27,349             | 62.5%    | 222,313              | 235,012              | -5.4%     |
| MONT BELVIEU ETHANE OPIS BALMO       | 8C  | 1,860              | 80                 | 2,225.0% | 100                | 1,760.0% | 3,982                | 4,525                | -12.0%    |
| MONT BELVIEU LDH PROPANE 5 DECIMAL   | B0  | 190,697            | 208,940            | -8.7%    | 187,708            | 1.6%     | 1,587,249            | 1,604,853            | -1.1%     |
| MONT BELVIEU LDH PROPANE OPIS BALMO  | 8O  | 492                | 2,621              | -81.2%   | 1,049              | -53.1%   | 11,207               | 16,988               | -34.0%    |
| MONT BELVIEU NATURAL GASOLINE 5 DEC  | 7Q  | 18,850             | 22,756             | -17.2%   | 23,028             | -18.1%   | 128,997              | 180,065              | -28.4%    |
| MONT BELVIEU NATURAL GASOLINE BALMO  | R0  | 1,835              | 668                | 174.7%   | 1,433              | 28.1%    | 8,843                | 10,936               | -19.1%    |
| MONT BELVIEU NORMAL BUTANE 5 DECIMAL | D0  | 69,055             | 82,302             | -16.1%   | 65,972             | 4.7%     | 465,290              | 471,794              | -1.4%     |



## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                         |     | VOLUME<br>JUL 2024 | VOLUME<br>JUL 2023 | % CHG    | VOLUME<br>JUN 2024 | % CHG  | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG   |
|-----------------------------------|-----|--------------------|--------------------|----------|--------------------|--------|----------------------|----------------------|---------|
| <b>Energy Futures</b>             |     |                    |                    |          |                    |        |                      |                      |         |
| MONT BELVIEU NORMAL BUTANE BALMO  | 8J  | 442                | 696                | -36.5%   | 297                | 48.8%  | 5,822                | 8,057                | -27.7%  |
| NATURAL GAS                       | NWM | 0                  | 330                | -100.0%  | 0                  | 0.0%   | 0                    | 480                  | -100.0% |
| NATURAL GAS PEN SWP               | NP  | 32,973             | 14,715             | 124.1%   | 54,614             | -39.6% | 324,810              | 154,760              | 109.9%  |
| NATURAL GAS PHY                   | MNG | 109,183            | 0                  | -        | 112,540            | -3.0%  | 675,342              | 0                    | -       |
| 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  | 400                | 1,265              | -68.4%   | 976                | -59.0% | 3,695                | 5,092                | -27.4%  |
| 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  | 3,976              | 1,590              | 150.1%   | 2,379              | 67.1%  | 19,183               | 17,153               | 11.8%   |
| 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  | 1,090              | 3,645              | -70.1%   | 2,755              | -60.4% | 13,983               | 26,836               | -47.9%  |
| NYISO ZONE G 5MW D AH PK          | T3  | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%    |
| NY ULSD (ARGUS) VS HEATING OIL    | 7Y  | 100                | 1,101              | -90.9%   | 69                 | 44.9%  | 1,668                | 9,705                | -82.8%  |
| PETROCHEMICALS                    | 22  | 82                 | 143                | -42.7%   | 46                 | 78.3%  | 556                  | 1,215                | -54.2%  |
| PETROCHEMICALS                    | 32  | 13                 | 57                 | -77.2%   | 68                 | -80.9% | 317                  | 553                  | -42.7%  |
| PETROCHEMICALS                    | 3NA | 147                | 8                  | 1,737.5% | 74                 | 98.6%  | 486                  | 369                  | 31.7%   |
| PETROCHEMICALS                    | 51  | 0                  | 13                 | -100.0%  | 0                  | 0.0%   | 7                    | 13                   | -46.2%  |
| PETROCHEMICALS                    | 81  | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 15                   | 60                   | -75.0%  |
| PETROCHEMICALS                    | 8I  | 118                | 258                | -54.3%   | 60                 | 96.7%  | 1,347                | 4,585                | -70.6%  |
| PETROCHEMICALS                    | 91  | 63                 | 330                | -80.9%   | 55                 | 14.5%  | 1,206                | 2,823                | -57.3%  |
| PETROCHEMICALS                    | MAA | 0                  | 110                | -100.0%  | 0                  | 0.0%   | 120                  | 1,020                | -88.2%  |
| PETROCHEMICALS                    | MAE | 1,090              | 1,486              | -26.6%   | 585                | 86.3%  | 7,774                | 10,361               | -25.0%  |
| PETROCHEMICALS                    | MAS | 140                | 453                | -69.1%   | 100                | 40.0%  | 1,765                | 3,278                | -46.2%  |
| PETROCHEMICALS                    | MBE | 0                  | 110                | -100.0%  | 0                  | 0.0%   | 420                  | 720                  | -41.7%  |
| PETROCHEMICALS                    | MNB | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%    |
| PETROCHEMICALS                    | MPS | 543                | 782                | -30.6%   | 323                | 68.1%  | 2,895                | 3,688                | -21.5%  |
| PETROCHEMICALS                    | PMF | 27                 | 0                  | 0.0%     | 0                  | 0.0%   | 127                  | 26                   | 388.5%  |
| PETRO CRCKS & SPRDS ASIA          | STS | 0                  | 0                  | 0.0%     | 0                  | -      | 0                    | 0                    | 0.0%    |
| PETRO CRCKS & SPRDS NA            | CRB | 13,640             | 16,510             | -17.4%   | 21,555             | -36.7% | 133,917              | 82,506               | 62.3%   |
| PETRO CRCKS & SPRDS NA            | EXR | 77                 | 66                 | 16.7%    | 197                | -60.9% | 1,853                | 1,558                | 18.9%   |
| PETRO CRCKS & SPRDS NA            | GBB | 150                | 0                  | 0.0%     | 0                  | 0.0%   | 450                  | 935                  | -51.9%  |
| PETRO CRCKS & SPRDS NA            | GCI | 0                  | 0                  | 0.0%     | 0                  | 0.0%   | 0                    | 375                  | -100.0% |

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## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity               |     | VOLUME<br>JUL 2024 | VOLUME<br>JUL 2023 | % CHG    | VOLUME<br>JUN 2024 | % CHG   | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG   |
|-------------------------|-----|--------------------|--------------------|----------|--------------------|---------|----------------------|----------------------|---------|
| <b>Energy Futures</b>   |     |                    |                    |          |                    |         |                      |                      |         |
| PETRO CRCKS & SPRDS NA  | GCU | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 342                  | 96                   | 256.3%  |
| PETRO CRCKS & SPRDS NA  | GFC | 0                  | 0                  | 0.0%     | 300                | -100.0% | 1,555                | 795                  | 95.6%   |
| PETRO CRCKS & SPRDS NA  | HOB | 420                | 30                 | 1,300.0% | 0                  | 0.0%    | 750                  | 1,330                | -43.6%  |
| PETRO CRCKS & SPRDS NA  | MFR | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETRO CRCKS & SPRDS NA  | RBB | 100                | 80                 | 25.0%    | 125                | -20.0%  | 3,644                | 4,549                | -19.9%  |
| PETRO CRCKS & SPRDS NA  | RVG | 2,295              | 450                | 410.0%   | 2,060              | 11.4%   | 12,300               | 9,119                | 34.9%   |
| PETRO CRCKS & SPRDS NA  | SF3 | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 5                    | 12                   | -58.3%  |
| PETRO CRK&SPRD EURO     | 1NB | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 875                  | 265                  | 230.2%  |
| PETRO CRK&SPRD EURO     | 43  | 0                  | 8                  | -100.0%  | 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                    | 0                    | 0.0%    |
| PETRO CRK&SPRD EURO     | EPN | 280                | 459                | -39.0%   | 204                | 37.3%   | 1,394                | 2,915                | -52.2%  |
| 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                  | 94                 | -100.0%  | 0                  | 0.0%    | 35                   | 759                  | -95.4%  |
| PETROLEUM PRODUCTS      | 1NM | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETROLEUM PRODUCTS      | BEF | 0                  | 3                  | -100.0%  | 0                  | 0.0%    | 0                    | 3                    | -100.0% |
| PETROLEUM PRODUCTS      | CMS | 400                | 0                  | 0.0%     | 400                | 0.0%    | 2,300                | 1,020                | 125.5%  |
| PETROLEUM PRODUCTS      | EWG | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 2,300                | 1,406                | 63.6%   |
| PETROLEUM PRODUCTS      | H5F | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 400                  | -100.0% |
| PETROLEUM PRODUCTS      | JCC | 85                 | 100                | -15.0%   | 0                  | 0.0%    | 3,214                | 7,970                | -59.7%  |
| PETROLEUM PRODUCTS      | R5F | 7                  | 7                  | 0.0%     | 20                 | -65.0%  | 112                  | 106                  | 5.7%    |
| PETROLEUM PRODUCTS      | RN6 | 82                 | 0                  | -        | 0                  | -       | 82                   | 0                    | -       |
| PETROLEUM PRODUCTS      | S53 | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PETROLEUM PRODUCTS      | VU  | 0                  | 210                | -100.0%  | 0                  | 0.0%    | 0                    | 210                  | -100.0% |
| PETROLEUM PRODUCTS ASIA | E6M | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 40                   | 15                   | 166.7%  |
| PETROLEUM PRODUCTS ASIA | MJN | 355                | 140                | 153.6%   | 355                | 0.0%    | 2,297                | 2,794                | -17.8%  |
| PETRO OUTRIGHT EURO     | 0B  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PETRO OUTRIGHT EURO     | 0D  | 16                 | 7                  | 128.6%   | 25                 | -36.0%  | 400                  | 168                  | 138.1%  |
| PETRO OUTRIGHT EURO     | 0E  | 8                  | 0                  | -        | 0                  | 0.0%    | 16                   | 0                    | -       |
| PETRO OUTRIGHT EURO     | 0F  | 55                 | 0                  | 0.0%     | 125                | -56.0%  | 510                  | 0                    | 0.0%    |
| PETRO OUTRIGHT EURO     | 5L  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 10                   | 90                   | -88.9%  |
| PETRO OUTRIGHT EURO     | 7I  | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 200                  | 75                   | 166.7%  |
| PETRO OUTRIGHT EURO     | 7R  | 0                  | 7                  | -100.0%  | 0                  | 0.0%    | 0                    | 67                   | -100.0% |
| PETRO OUTRIGHT EURO     | CBB | 0                  | 50                 | -100.0%  | 0                  | 0.0%    | 55                   | 55                   | 0.0%    |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                |     | VOLUME<br>JUL 2024 | VOLUME<br>JUL 2023 | % CHG    | VOLUME<br>JUN 2024 | % CHG   | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG   |
|--------------------------|-----|--------------------|--------------------|----------|--------------------|---------|----------------------|----------------------|---------|
| <b>Energy Futures</b>    |     |                    |                    |          |                    |         |                      |                      |         |
| PETRO OUTRIGHT EURO      | CGB | 10                 | 15                 | -33.3%   | 25                 | -60.0%  | 65                   | 15                   | 333.3%  |
| PETRO OUTRIGHT EURO      | CPB | 95                 | 327                | -70.9%   | 25                 | 280.0%  | 1,729                | 1,796                | -3.7%   |
| PETRO OUTRIGHT EURO      | EWN | 150                | 65                 | 130.8%   | 0                  | 0.0%    | 446                  | 2,133                | -79.1%  |
| PETRO OUTRIGHT EURO      | M1B | 888                | 536                | 65.7%    | 880                | 0.9%    | 5,060                | 6,256                | -19.1%  |
| PETRO OUTRIGHT EURO      | MBB | 0                  | 0                  | -        | 0                  | 0.0%    | 185                  | 0                    | -       |
| PETRO OUTRIGHT EURO      | MBN | 293                | 920                | -68.2%   | 255                | 14.9%   | 6,125                | 4,444                | 37.8%   |
| PETRO OUTRIGHT EURO      | MEF | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 15                   | 2                    | 650.0%  |
| PETRO OUTRIGHT EURO      | MQA | 123                | 257                | -52.1%   | 129                | -4.7%   | 1,478                | 1,342                | 10.1%   |
| PETRO OUTRIGHT EURO      | R53 | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 0                    | 0.0%    |
| PETRO OUTRIGHT EURO      | R5M | 460                | 654                | -29.7%   | 468                | -1.7%   | 4,757                | 8,029                | -40.8%  |
| PETRO OUTRIGHT EURO      | R5O | 605                | 559                | 8.2%     | 554                | 9.2%    | 4,948                | 4,107                | 20.5%   |
| PETRO OUTRIGHT EURO      | RBM | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 102                  | -100.0% |
| PETRO OUTRIGHT EURO      | S5B | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 1                    | -100.0% |
| PETRO OUTRIGHT EURO      | S5F | 105                | 310                | -66.1%   | 70                 | 50.0%   | 1,212                | 2,530                | -52.1%  |
| PETRO OUTRIGHT EURO      | S5M | 1,691              | 1,404              | 20.4%    | 1,447              | 16.9%   | 13,177               | 11,998               | 9.8%    |
| PETRO OUTRIGHT EURO      | S5O | 489                | 602                | -18.8%   | 432                | 13.2%   | 5,574                | 5,075                | 9.8%    |
| PETRO OUTRIGHT EURO      | SMU | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETRO OUTRIGHT EURO      | SR5 | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 240                  | -100.0% |
| PETRO OUTRIGHT EURO      | ULB | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 150                  | -100.0% |
| PETRO OUTRIGHT EURO      | V0  | 0                  | 0                  | 0.0%     | 0                  | -       | 0                    | 0                    | 0.0%    |
| PETRO OUTRIGHT NA        | A8B | 0                  | 275                | -100.0%  | 0                  | 0.0%    | 425                  | 1,130                | -62.4%  |
| PETRO OUTRIGHT NA        | AB6 | 1,205              | 365                | 230.1%   | 800                | 50.6%   | 5,765                | 2,640                | 118.4%  |
| PETRO OUTRIGHT NA        | BCR | 2,005              | 1,860              | 7.8%     | 1,435              | 39.7%   | 9,515                | 8,005                | 18.9%   |
| PETRO OUTRIGHT NA        | JE  | 0                  | 0                  | 0.0%     | 66                 | -100.0% | 66                   | 0                    | 0.0%    |
| PETRO OUTRIGHT NA        | JET | 625                | 675                | -7.4%    | 125                | 400.0%  | 5,155                | 11,060               | -53.4%  |
| PETRO OUTRIGHT NA        | JTB | 0                  | 150                | -100.0%  | 0                  | 0.0%    | 1,238                | 1,600                | -22.6%  |
| PETRO OUTRIGHT NA        | MBL | 0                  | 0                  | 0.0%     | 0                  | 0.0%    | 0                    | 217                  | -100.0% |
| PETRO OUTRIGHT NA        | MEN | 70                 | 6                  | 1,066.7% | 0                  | 0.0%    | 183                  | 318                  | -42.5%  |
| PETRO OUTRIGHT NA        | MEO | 30                 | 35                 | -14.3%   | 53                 | -43.4%  | 593                  | 932                  | -36.4%  |
| 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%    |



## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                           |     | VOLUME<br>JUL 2024 | VOLUME<br>JUL 2023 | % CHG   | VOLUME<br>JUN 2024 | % CHG    | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG    |
|-------------------------------------|-----|--------------------|--------------------|---------|--------------------|----------|----------------------|----------------------|----------|
| <b>Energy Futures</b>               |     |                    |                    |         |                    |          |                      |                      |          |
| PLASTICS                            | PGP | 2,610              | 627                | 316.3%  | 982                | 165.8%   | 11,995               | 5,717                | 109.8%   |
| PREMIUM UNLD 10P FOB MED            | 3G  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 15                   | -100.0%  |
| PROPANE NON-LDH MB (OPIS) BALMO SWP | 1S  | 175                | 2,447              | -92.8%  | 352                | -50.3%   | 5,436                | 9,482                | -42.7%   |
| PROPANE NON-LDH MT. BEL (OPIS) SWP  | 1R  | 10,762             | 24,905             | -56.8%  | 15,644             | -31.2%   | 99,156               | 169,337              | -41.4%   |
| RBOB CALENDAR SWAP                  | RL  | 14,994             | 11,719             | 27.9%   | 8,240              | 82.0%    | 83,820               | 55,578               | 50.8%    |
| RBOB CRACK SPREAD                   | RM  | 540                | 685                | -21.2%  | 0                  | 0.0%     | 2,415                | 15,641               | -84.6%   |
| RBOB CRACK SPREAD BALMO S           | 1E  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 100                  | -100.0%  |
| RBOB GASOLINE BALMO CLNDR           | 1D  | 438                | 531                | -17.5%  | 810                | -45.9%   | 3,818                | 7,579                | -49.6%   |
| RBOB PHY                            | MRB | 8                  | 4                  | 100.0%  | 5                  | 60.0%    | 68                   | 23                   | 195.7%   |
| RBOB PHY                            | RBL | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 0                    | 0.0%     |
| RBOB VS HEATING OIL SWAP            | RH  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 525                  | 30                   | 1,650.0% |
| SINGAPORE 180CST BALMO              | BS  | 0                  | 0                  | 0.0%    | 9                  | -100.0%  | 11                   | 16                   | -31.3%   |
| SINGAPORE 380CST BALMO              | BT  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 146                  | 0                    | 0.0%     |
| SINGAPORE 380CST FUEL OIL           | SE  | 671                | 80                 | 738.8%  | 16                 | 4,093.8% | 2,324                | 1,023                | 127.2%   |
| SINGAPORE FUEL 180CST CAL           | UA  | 53                 | 0                  | 0.0%    | 78                 | -32.1%   | 423                  | 0                    | 0.0%     |
| 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                  | 5                  | -100.0% | 0                  | 0.0%     | 4                    | 236                  | -98.3%   |
| SINGAPORE GASOIL                    | MTB | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 18                   | 0                    | 0.0%     |
| SINGAPORE GASOIL                    | MTS | 246                | 91                 | 170.3%  | 170                | 44.7%    | 1,295                | 2,629                | -50.7%   |
| SINGAPORE GASOIL                    | SBM | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 10                   | -100.0%  |
| SINGAPORE GASOIL CALENDAR           | MSG | 145                | 140                | 3.6%    | 95                 | 52.6%    | 682                  | 416                  | 63.9%    |
| SINGAPORE GASOIL SWAP               | SG  | 0                  | 64                 | -100.0% | 0                  | 0.0%     | 1,285                | 5,333                | -75.9%   |
| 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  | 100                | 252                | -60.3%  | 0                  | 0.0%     | 570                  | 3,362                | -83.0%   |
| TC2 ROTTERDAM TO USAC 37K           | TM  | 0                  | 0                  | 0.0%    | 0                  | 0.0%     | 0                    | 172                  | -100.0%  |
| 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  | 6,159              | 4,740              | 29.9%   | 6,558              | -6.1%    | 48,874               | 47,080               | 3.8%     |
| UP DOWN GC ULSD VS NMX HO           | LT  | 22,855             | 31,672             | -27.8%  | 21,924             | 4.2%     | 209,594              | 209,132              | 0.2%     |
| WTI-BRENT BULLET SWAP               | BY  | 0                  | 0                  | -       | 0                  | 0.0%     | 252                  | 0                    | -        |
| WTI-BRENT CALENDAR SWAP             | BK  | 73,479             | 48,966             | 50.1%   | 46,801             | 57.0%    | 372,552              | 345,683              | 7.8%     |
| WTI CALENDAR                        | CS  | 94,403             | 61,398             | 53.8%   | 61,883             | 52.6%    | 530,252              | 429,427              | 23.5%    |



## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                 |      | VOLUME<br>JUL 2024 | VOLUME<br>JUL 2023 | % CHG      | VOLUME<br>JUN 2024 | % CHG   | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG        |
|---------------------------|------|--------------------|--------------------|------------|--------------------|---------|----------------------|----------------------|--------------|
| <b>Energy Futures</b>     |      |                    |                    |            |                    |         |                      |                      |              |
| WTI MIDLAND CRUDE OIL     | WTL  | 120                | 0                  | 0.0%       | 0                  | 0.0%    | 3,945                | 1,900                | 107.6%       |
| WTS (ARGUS) VS WTI SWAP   | FF   | 2,445              | 1,425              | 71.6%      | 1,522              | 60.6%   | 9,101                | 18,325               | -50.3%       |
| WTS (ARGUS) VS WTI TRD MT | FH   | 0                  | 660                | -100.0%    | 0                  | 0.0%    | 900                  | 1,909                | -52.9%       |
| <b>Energy Options</b>     |      |                    |                    |            |                    |         |                      |                      |              |
| BRENT CALENDAR SWAP       | BA   | 1,400              | 546                | 156.4%     | 0                  | 0.0%    | 1,768                | 1,614                | 9.5%         |
| BRENT CRUDE OIL 1 M CSO   | 9C   | 0                  | 0                  | 0.0%       | 24,000             | -100.0% | 26,300               | 600                  | 4,283.3%     |
| BRENT OIL LAST DAY        | BE   | 22,184             | 0                  | 0.0%       | 5,770              | 284.5%  | 68,954               | 28,196               | 144.6%       |
| BRENT OIL LAST DAY        | BZO  | 11,584             | 7,677              | 50.9%      | 4,181              | 177.1%  | 41,613               | 74,582               | -44.2%       |
| COAL API2 INDEX           | F2C  | 0                  | 0                  | 0.0%       | 0                  | 0.0%    | 0                    | 280                  | -100.0%      |
| COAL API2 INDEX           | F2Q  | 0                  | 0                  | 0.0%       | 0                  | -       | 0                    | 0                    | 0.0%         |
| CRUDE OIL 1MO             | WA   | 76,875             | 90,750             | -15.3%     | 72,100             | 6.6%    | 557,700              | 352,850              | 58.1%        |
| CRUDE OIL APO             | AO   | 35,547             | 27,002             | 31.6%      | 42,903             | -17.1%  | 239,064              | 190,328              | 25.6%        |
| CRUDE OIL OUTRIGHTS       | ECCL | 884                | 4,025              | -78.0%     | 732                | 20.8%   | 11,969               | 44,061               | -72.8%       |
| CRUDE OIL PHY             | LC   | 14,150             | 16,962             | -16.6%     | 10,720             | 32.0%   | 90,724               | 197,200              | -54.0%       |
| CRUDE OIL PHY             | LO   | 3,237,340          | 2,067,901          | 56.6%      | 2,470,083          | 31.1%   | 19,317,944           | 16,267,498           | 18.8%        |
| CRUDE OIL PHY             | LO1  | 79,305             | 60,897             | 30.2%      | 64,476             | 23.0%   | 440,732              | 332,411              | 32.6%        |
| CRUDE OIL PHY             | LO2  | 59,297             | 50,928             | 16.4%      | 7,487              | 692.0%  | 343,419              | 323,416              | 6.2%         |
| CRUDE OIL PHY             | LO3  | 44,485             | 43,270             | 2.8%       | 38,575             | 15.3%   | 280,968              | 235,179              | 19.5%        |
| CRUDE OIL PHY             | LO4  | 74,616             | 43,459             | 71.7%      | 55,163             | 35.3%   | 423,225              | 304,567              | 39.0%        |
| CRUDE OIL PHY             | LO5  | 0                  | 0                  | 0.0%       | 0                  | 0.0%    | 90,069               | 125,905              | -28.5%       |
| CRUDE OIL PHY             | MCO  | 11,849             | 12,782             | -7.3%      | 15,545             | -23.8%  | 118,175              | 110,948              | 6.5%         |
| CRUDE OIL PHY             | ML1  | 18,656             | 2                  | 932,700.0% | 24,922             | -25.1%  | 150,042              | 2                    | 7,502,000.0% |
| CRUDE OIL PHY             | ML2  | 11,939             | 0                  | -          | 16,391             | -27.2%  | 133,935              | 0                    | -            |
| CRUDE OIL PHY             | ML3  | 14,737             | 0                  | -          | 8,255              | 78.5%   | 110,103              | 0                    | -            |
| CRUDE OIL PHY             | ML4  | 10,982             | 0                  | -          | 14,123             | -22.2%  | 123,625              | 0                    | -            |
| CRUDE OIL PHY             | ML5  | 27,213             | 0                  | -          | 0                  | 0.0%    | 70,947               | 0                    | -            |
| CRUDE OIL PHY             | MW1  | 1,315              | 1,513              | -13.1%     | 1,538              | -14.5%  | 10,689               | 10,529               | 1.5%         |
| CRUDE OIL PHY             | MW2  | 1,392              | 1,874              | -25.7%     | 943                | 47.6%   | 11,425               | 11,746               | -2.7%        |
| CRUDE OIL PHY             | MW3  | 802                | 1,140              | -29.6%     | 2,463              | -67.4%  | 10,273               | 10,158               | 1.1%         |
| CRUDE OIL PHY             | MW4  | 964                | 1,178              | -18.2%     | 889                | 8.4%    | 11,106               | 16,223               | -31.5%       |
| CRUDE OIL PHY             | MW5  | 0                  | 0                  | 0.0%       | 0                  | 0.0%    | 2,907                | 4,649                | -37.5%       |
| CRUDE OIL PHY             | NL1  | 42                 | 0                  | -          | 0                  | -       | 42                   | 0                    | -            |
| CRUDE OIL PHY             | NL2  | 307                | 0                  | -          | 0                  | -       | 307                  | 0                    | -            |
| CRUDE OIL PHY             | NL3  | 666                | 0                  | -          | 0                  | -       | 666                  | 0                    | -            |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                             |      | VOLUME<br>JUL 2024 | VOLUME<br>JUL 2023 | % CHG        | VOLUME<br>JUN 2024 | % CHG   | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG         |
|---------------------------------------|------|--------------------|--------------------|--------------|--------------------|---------|----------------------|----------------------|---------------|
| <b>Energy Options</b>                 |      |                    |                    |              |                    |         |                      |                      |               |
| CRUDE OIL PHY                         | NL4  | 1                  | 0                  | -            | 0                  | -       | 1                    | 0                    | -             |
| CRUDE OIL PHY                         | NL5  | 1,583              | 0                  | -            | 0                  | -       | 1,583                | 0                    | -             |
| CRUDE OIL PHY                         | WL1  | 26,761             | 0                  | -            | 20,143             | 32.9%   | 157,988              | 0                    | -             |
| CRUDE OIL PHY                         | WL2  | 16,596             | 1                  | 1,659,500.0% | 16,977             | -2.2%   | 124,105              | 1                    | 12,410,400.0% |
| CRUDE OIL PHY                         | WL3  | 3,927              | 0                  | -            | 20,631             | -81.0%  | 106,252              | 0                    | -             |
| CRUDE OIL PHY                         | WL4  | 19,674             | 0                  | -            | 21,469             | -8.4%   | 147,246              | 0                    | -             |
| CRUDE OIL PHY                         | WL5  | 25,305             | 0                  | -            | 0                  | 0.0%    | 64,921               | 0                    | -             |
| CRUDE OIL PHY                         | XL1  | 1,620              | 0                  | -            | 0                  | -       | 1,620                | 0                    | -             |
| CRUDE OIL PHY                         | XL2  | 18                 | 0                  | -            | 0                  | -       | 18                   | 0                    | -             |
| CRUDE OIL PHY                         | XL3  | 2                  | 0                  | -            | 0                  | -       | 2                    | 0                    | -             |
| CRUDE OIL PHY                         | XL4  | 6                  | 0                  | -            | 0                  | -       | 6                    | 0                    | -             |
| ELEC FINSETTLED                       | PJN  | 0                  | 0                  | 0.0%         | 0                  | -       | 0                    | 0                    | 0.0%          |
| ETHANOL SWAP                          | CVR  | 3,010              | 1,087              | 176.9%       | 2,316              | 30.0%   | 18,281               | 15,564               | 17.5%         |
| FREIGHT MARKETS                       | FLO  | 0                  | 0                  | 0.0%         | 0                  | -       | 0                    | 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                  | 0                  | 0.0%         | 0                  | 0.0%    | 72                   | 106                  | -32.1%        |
| HEATING OIL PHY                       | OH   | 12,523             | 5,110              | 145.1%       | 15,983             | -21.6%  | 114,065              | 72,870               | 56.5%         |
| HENRY HUB FINANCIAL LAST              | E7   | 12,136             | 15,981             | -24.1%       | 29,159             | -58.4%  | 175,810              | 97,404               | 80.5%         |
| HENRY HUB FINANCIAL LAST              | ECNG | 346                | 854                | -59.5%       | 405                | -14.6%  | 10,120               | 16,989               | -40.4%        |
| HO 1 MONTH CLNDR OPTIONS              | FA   | 975                | 9,600              | -89.8%       | 0                  | 0.0%    | 18,700               | 21,650               | -13.6%        |
| LLS CRUDE OIL                         | HTO  | 0                  | 0                  | 0.0%         | 0                  | 0.0%    | 0                    | 0                    | 0.0%          |
| LLS CRUDE OIL                         | WTO  | 0                  | 0                  | 0.0%         | 3,900              | -100.0% | 7,650                | 3,000                | 155.0%        |
| MCCLOSKEY ARA ARGS COAL               | MTO  | 0                  | 0                  | 0.0%         | 0                  | 0.0%    | 0                    | 0                    | 0.0%          |
| NATURAL GAS                           | LN1  | 1,051              | 284                | 270.1%       | 1,482              | -29.1%  | 6,051                | 402                  | 1,405.2%      |
| NATURAL GAS                           | LN2  | 502                | 242                | 107.4%       | 1,032              | -51.4%  | 11,612               | 344                  | 3,275.6%      |
| NATURAL GAS                           | LN3  | 1,502              | 298                | 404.0%       | 526                | 185.6%  | 6,174                | 815                  | 657.5%        |
| NATURAL GAS                           | LN4  | 0                  | 1,161              | -100.0%      | 506                | -100.0% | 3,494                | 1,163                | 200.4%        |
| NATURAL GAS                           | LN5  | 0                  | 0                  | 0.0%         | 0                  | 0.0%    | 444                  | 14                   | 3,071.4%      |
| NATURAL GAS 1 M CSO FIN               | G4   | 119,350            | 111,900            | 6.7%         | 62,250             | 91.7%   | 951,882              | 588,857              | 61.6%         |
| NATURAL GAS 2 M CSO FIN               | G2   | 3,000              | 1,000              | 200.0%       | 9,000              | -66.7%  | 60,800               | 1,250                | 4,764.0%      |
| NATURAL GAS 3 M CSO FIN               | G3   | 276,205            | 21,810             | 1,166.4%     | 254,250            | 8.6%    | 1,268,230            | 540,050              | 134.8%        |
| NATURAL GAS 5 M CSO FIN               | G5   | 0                  | 0                  | 0.0%         | 0                  | 0.0%    | 58,700               | 8,650                | 578.6%        |
| NATURAL GAS 6 M CSO FIN               | G6   | 0                  | 0                  | 0.0%         | 0                  | 0.0%    | 47,550               | 65,250               | -27.1%        |
| 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%          |

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| Commodity                           |     | VOLUME<br>JUL 2024 | VOLUME<br>JUL 2023 | % CHG   | VOLUME<br>JUN 2024 | % CHG   | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG    |
|-------------------------------------|-----|--------------------|--------------------|---------|--------------------|---------|----------------------|----------------------|----------|
| <b>Energy Options</b>               |     |                    |                    |         |                    |         |                      |                      |          |
| NATURAL GAS OPTION ON CALENDAR STRP | 6J  | 120                | 0                  | 0.0%    | 200                | -40.0%  | 960                  | 0                    | 0.0%     |
| NATURAL GAS PHY                     | KD  | 525                | 150                | 250.0%  | 1,300              | -59.6%  | 13,925               | 2,250                | 518.9%   |
| NATURAL GAS PHY                     | LN  | 4,183,389          | 2,256,570          | 85.4%   | 4,166,905          | 0.4%    | 31,282,466           | 17,776,404           | 76.0%    |
| NATURAL GAS PHY                     | ON  | 133,037            | 99,190             | 34.1%   | 132,319            | 0.5%    | 1,106,819            | 612,042              | 80.8%    |
| NATURAL GAS PHY                     | ON3 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 1                    | -100.0%  |
| NY HARBOR HEAT OIL SWP              | AT  | 7,436              | 4,356              | 70.7%   | 7,034              | 5.7%    | 55,376               | 25,255               | 119.3%   |
| PETROCHEMICALS                      | 4H  | 60                 | 6                  | 900.0%  | 72                 | -16.7%  | 1,296                | 403                  | 221.6%   |
| 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  | 1,000              | 0                  | 0.0%    | 0                  | 0.0%    | 1,600                | 0                    | 0.0%     |
| RBOB CALENDAR SWAP                  | RA  | 90                 | 0                  | 0.0%    | 20                 | 350.0%  | 172                  | 0                    | 0.0%     |
| RBOB PHY                            | OB  | 4,710              | 4,265              | 10.4%   | 5,692              | -17.3%  | 22,530               | 23,549               | -4.3%    |
| RBOB PHY                            | RF  | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 55                   | 45                   | 22.2%    |
| SHORT TERM                          | U11 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| SHORT TERM                          | U12 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 100                  | 0                    | 0.0%     |
| SHORT TERM                          | U13 | 0                  | 0                  | 0.0%    | 50                 | -100.0% | 50                   | 700                  | -92.9%   |
| SHORT TERM                          | U14 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 100                  | 100                  | 0.0%     |
| SHORT TERM                          | U15 | 150                | 0                  | 0.0%    | 0                  | 0.0%    | 250                  | 0                    | 0.0%     |
| SHORT TERM                          | U22 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 300                  | 0                    | 0.0%     |
| SHORT TERM                          | U23 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 650                  | 50                   | 1,200.0% |
| SHORT TERM                          | U24 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| SHORT TERM                          | U25 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| SHORT TERM                          | U26 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 100                  | 0                    | 0.0%     |
| SHORT TERM NATURAL GAS              | U01 | 0                  | 350                | -100.0% | 75                 | -100.0% | 375                  | 500                  | -25.0%   |
| SHORT TERM NATURAL GAS              | U02 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 275                  | 150                  | 83.3%    |
| SHORT TERM NATURAL GAS              | U03 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 100                  | 4,150                | -97.6%   |
| SHORT TERM NATURAL GAS              | U04 | 0                  | 0                  | 0.0%    | 250                | -100.0% | 375                  | 300                  | 25.0%    |
| SHORT TERM NATURAL GAS              | U05 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 600                  | 1,000                | -40.0%   |
| SHORT TERM NATURAL GAS              | U06 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 200                  | 150                  | 33.3%    |
| SHORT TERM NATURAL GAS              | U07 | 0                  | 0                  | 0.0%    | 150                | -100.0% | 750                  | 0                    | 0.0%     |
| SHORT TERM NATURAL GAS              | U08 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| SHORT TERM NATURAL GAS              | U09 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 0                    | 0.0%     |
| SHORT TERM NATURAL GAS              | U10 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 1,250                | 400                  | 212.5%   |
| SHORT TERM NATURAL GAS              | U16 | 100                | 0                  | 0.0%    | 0                  | 0.0%    | 150                  | 100                  | 50.0%    |
| SHORT TERM NATURAL GAS              | U17 | 0                  | 0                  | 0.0%    | 0                  | 0.0%    | 0                    | 50                   | -100.0%  |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                |     | VOLUME<br>JUL 2024 | VOLUME<br>JUL 2023 | % CHG   | VOLUME<br>JUN 2024 | % CHG  | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG   |
|--------------------------|-----|--------------------|--------------------|---------|--------------------|--------|----------------------|----------------------|---------|
| <b>Energy Options</b>    |     |                    |                    |         |                    |        |                      |                      |         |
| SHORT TERM NATURAL GAS   | U18 | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 0                    | 0                    | 0.0%    |
| SHORT TERM NATURAL GAS   | U19 | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 500                  | 300                  | 66.7%   |
| SHORT TERM NATURAL GAS   | U20 | 0                  | 100                | -100.0% | 0                  | 0.0%   | 300                  | 350                  | -14.3%  |
| SHORT TERM NATURAL GAS   | U21 | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 50                   | 0                    | 0.0%    |
| SHORT TERM NATURAL GAS   | U28 | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 100                  | 0                    | 0.0%    |
| SHORT TERM NATURAL GAS   | U29 | 0                  | 0                  | 0.0%    | 0                  | -      | 0                    | 0                    | 0.0%    |
| SHORT TERM NATURAL GAS   | U30 | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 0                    | 150                  | -100.0% |
| SHORT TERM NATURAL GAS   | U31 | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 0                    | 1,700                | -100.0% |
| WTI-BRENT BULLET SWAP    | BV  | 17,200             | 8,550              | 101.2%  | 14,150             | 21.6%  | 79,625               | 102,100              | -22.0%  |
| WTI CRUDE OIL 1 M CSO FI | 7A  | 192,100            | 28,475             | 574.6%  | 161,500            | 18.9%  | 1,347,700            | 460,960              | 192.4%  |
| WTI CRUDE OIL 1 M CSO FI | BVX | 0                  | 0                  | -       | 0                  | 0.0%   | 300                  | 0                    | -       |
| <b>Metals Futures</b>    |     |                    |                    |         |                    |        |                      |                      |         |
| COMEX GOLD               | GC  | 6,294,882          | 5,146,192          | 22.3%   | 3,503,520          | 79.7%  | 37,930,038           | 35,125,213           | 8.0%    |
| NYMEX HOT ROLLED STEEL   | HR  | 23,449             | 25,264             | -7.2%   | 23,239             | 0.9%   | 166,482              | 200,845              | -17.1%  |
| NYMEX PLATINUM           | PL  | 602,029            | 358,034            | 68.1%   | 753,359            | -20.1% | 4,788,022            | 3,217,368            | 48.8%   |
| PALLADIUM                | PA  | 113,926            | 48,300             | 135.9%  | 102,963            | 10.6%  | 817,848              | 423,894              | 92.9%   |
| URANIUM                  | UX  | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 152                  | 0                    | 0.0%    |
| COMEX SILVER             | SI  | 1,634,561          | 1,189,954          | 37.4%   | 2,087,977          | -21.7% | 13,407,191           | 10,482,836           | 27.9%   |
| COMEX E-Mini GOLD        | QO  | 33,643             | 25,057             | 34.3%   | 20,658             | 62.9%  | 185,249              | 259,617              | -28.6%  |
| COMEX E-Mini SILVER      | QI  | 10,394             | 3,783              | 174.8%  | 13,552             | -23.3% | 74,866               | 42,210               | 77.4%   |
| COMEX COPPER             | HG  | 1,996,967          | 1,763,625          | 13.2%   | 2,084,432          | -4.2%  | 18,704,671           | 15,058,146           | 24.2%   |
| COMEX MINY COPPER        | QC  | 3,357              | 3,966              | -15.4%  | 3,845              | -12.7% | 35,004               | 40,834               | -14.3%  |
| ALUMINUM                 | AEP | 1,030              | 2,596              | -60.3%  | 364                | 183.0% | 7,142                | 16,208               | -55.9%  |
| ALUMINUM                 | ALA | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 0                    | 240                  | -100.0% |
| ALUMINUM                 | ALI | 175,005            | 80,005             | 118.7%  | 109,584            | 59.7%  | 1,066,617            | 529,110              | 101.6%  |
| ALUMINUM                 | AUP | 6,894              | 5,264              | 31.0%   | 5,139              | 34.2%  | 47,917               | 44,237               | 8.3%    |
| ALUMINUM                 | EDP | 4,132              | 6,780              | -39.1%  | 1,961              | 110.7% | 26,782               | 31,485               | -14.9%  |
| ALUMINUM                 | MJP | 0                  | 0                  | 0.0%    | 0                  | 0.0%   | 330                  | 760                  | -56.6%  |
| COBALT METAL FUTURES     | COB | 2,917              | 2,818              | 3.5%    | 2,291              | 27.3%  | 16,451               | 19,986               | -17.7%  |
| COBALT METAL FUTURES     | COH | 0                  | 0                  | -       | 0                  | 0.0%   | 550                  | 0                    | -       |
| COPPER                   | HGS | 1,537              | 994                | 54.6%   | 895                | 71.7%  | 9,759                | 11,726               | -16.8%  |
| COPPER                   | MHG | 267,457            | 90,453             | 195.7%  | 329,976            | -18.9% | 1,868,547            | 759,302              | 146.1%  |
| FERROUS PRODUCTS         | BUS | 242                | 748                | -67.6%  | 1,170              | -79.3% | 12,684               | 7,107                | 78.5%   |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                     |      | VOLUME<br>JUL 2024 | VOLUME<br>JUL 2023 | % CHG     | VOLUME<br>JUN 2024 | % CHG  | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG     |
|-------------------------------|------|--------------------|--------------------|-----------|--------------------|--------|----------------------|----------------------|-----------|
| <b>Metals Futures</b>         |      |                    |                    |           |                    |        |                      |                      |           |
| FERROUS PRODUCTS              | FSF  | 3                  | 9                  | -66.7%    | 12                 | -75.0% | 42                   | 142                  | -70.4%    |
| FERROUS PRODUCTS              | SHR  | 0                  | 0                  | -         | 0                  | 0.0%   | 1                    | 0                    | -         |
| GOLD                          | SGC  | 10,581             | 18                 | 58,683.3% | 5,250              | 101.5% | 42,181               | 1,883                | 2,140.1%  |
| GOLD                          | SGU  | 21,912             | 33                 | 66,300.0% | 15,872             | 38.1%  | 77,428               | 2,008                | 3,756.0%  |
| HOT ROLLED COIL STEEL FUTURES | EHR  | 5,115              | 4,084              | 25.2%     | 5,203              | -1.7%  | 30,079               | 37,379               | -19.5%    |
| IRON ORE CHINA                | TIO  | 66                 | 61                 | 8.2%      | 100                | -34.0% | 817                  | 1,636                | -50.1%    |
| LITHIUM CARBONATE FUTURES     | LTC  | 705                | 8                  | 8,712.5%  | 417                | 69.1%  | 1,132                | 8                    | 14,050.0% |
| METALS                        | HDG  | 0                  | 0                  | 0.0%      | 0                  | 0.0%   | 60                   | 1,431                | -95.8%    |
| METALS                        | LTH  | 8,458              | 1,745              | 384.7%    | 8,614              | -1.8%  | 46,337               | 4,078                | 1,036.3%  |
| METALS                        | PAC  | 0                  | 0                  | 0.0%      | 0                  | 0.0%   | 0                    | 500                  | -100.0%   |
| MICRO GOLD                    | MGC  | 2,331,610          | 1,263,220          | 84.6%     | 1,716,179          | 35.9%  | 13,950,672           | 10,423,601           | 33.8%     |
| MOLYBDENUM OXIDE FUTURES      | MOX  | 74                 | 20                 | 270.0%    | 103                | -28.2% | 1,488                | 776                  | 91.8%     |
| SILVER                        | SIL  | 432,327            | 208,685            | 107.2%    | 432,939            | -0.1%  | 2,519,147            | 1,549,202            | 62.6%     |
| <b>Metals Options</b>         |      |                    |                    |           |                    |        |                      |                      |           |
| ALUMINUM                      | ALO  | 0                  | 0                  | 0.0%      | 0                  | -      | 0                    | 0                    | 0.0%      |
| ALUMINUM                      | AX   | 7,579              | 1,320              | 474.2%    | 6,559              | 15.6%  | 32,982               | 7,924                | 316.2%    |
| COMEX COPPER                  | HX   | 291,865            | 119,446            | 144.3%    | 244,492            | 19.4%  | 1,950,332            | 930,941              | 109.5%    |
| COMEX GOLD                    | ECGC | 3,077              | 3,966              | -22.4%    | 1,512              | 103.5% | 25,737               | 45,099               | -42.9%    |
| COMEX GOLD                    | OG   | 1,656,244          | 723,232            | 129.0%    | 961,916            | 72.2%  | 8,862,246            | 6,943,612            | 27.6%     |
| COMEX SILVER                  | ECSI | 249                | 3,919              | -93.6%    | 459                | -45.8% | 3,483                | 31,824               | -89.1%    |
| COMEX SILVER                  | SO   | 295,096            | 143,823            | 105.2%    | 309,407            | -4.6%  | 2,092,375            | 1,111,260            | 88.3%     |
| COPPER                        | ECHG | 511                | 1,030              | -50.4%    | 258                | 98.1%  | 4,084                | 24,566               | -83.4%    |
| COPPER                        | H1E  | 3,385              | 1,116              | 203.3%    | 2,656              | 27.4%  | 14,999               | 5,700                | 163.1%    |
| COPPER                        | H1M  | 490                | 87                 | 463.2%    | 331                | 48.0%  | 7,512                | 1,399                | 437.0%    |
| COPPER                        | H1R  | 890                | 0                  | -         | 163                | 446.0% | 1,934                | 0                    | -         |
| COPPER                        | H1T  | 229                | 0                  | -         | 524                | -56.3% | 2,498                | 0                    | -         |
| COPPER                        | H1W  | 2,673              | 810                | 230.0%    | 2,066              | 29.4%  | 16,815               | 2,974                | 465.4%    |
| COPPER                        | H2E  | 1,698              | 400                | 324.5%    | 3,202              | -47.0% | 14,631               | 5,505                | 165.8%    |
| COPPER                        | H2M  | 705                | 374                | 88.5%     | 551                | 27.9%  | 3,500                | 2,740                | 27.7%     |
| COPPER                        | H2R  | 300                | 0                  | -         | 281                | 6.8%   | 1,599                | 0                    | -         |
| COPPER                        | H2T  | 139                | 0                  | -         | 793                | -82.5% | 2,652                | 0                    | -         |
| COPPER                        | H2W  | 701                | 276                | 154.0%    | 447                | 56.8%  | 7,282                | 2,883                | 152.6%    |
| COPPER                        | H3E  | 2,236              | 670                | 233.7%    | 1,732              | 29.1%  | 11,652               | 5,241                | 122.3%    |
| COPPER                        | H3M  | 509                | 595                | -14.5%    | 307                | 65.8%  | 3,078                | 1,634                | 88.4%     |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity             |     | VOLUME<br>JUL 2024 | VOLUME<br>JUL 2023 | % CHG  | VOLUME<br>JUN 2024 | % CHG     | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG  |
|-----------------------|-----|--------------------|--------------------|--------|--------------------|-----------|----------------------|----------------------|--------|
| <b>Metals Options</b> |     |                    |                    |        |                    |           |                      |                      |        |
| COPPER                | H3R | 1,094              | 0                  | -      | 470                | 132.8%    | 3,098                | 0                    | -      |
| COPPER                | H3T | 267                | 0                  | -      | 604                | -55.8%    | 2,388                | 0                    | -      |
| COPPER                | H3W | 901                | 686                | 31.3%  | 3                  | 29,933.3% | 6,902                | 2,519                | 174.0% |
| COPPER                | H4E | 2,091              | 563                | 271.4% | 1,477              | 41.6%     | 11,100               | 2,977                | 272.9% |
| COPPER                | H4M | 271                | 140                | 93.6%  | 222                | 22.1%     | 1,716                | 1,593                | 7.7%   |
| COPPER                | H4R | 19                 | 0                  | -      | 229                | -91.7%    | 1,064                | 0                    | -      |
| COPPER                | H4T | 335                | 0                  | -      | 5                  | 6,600.0%  | 459                  | 0                    | -      |
| COPPER                | H4W | 431                | 120                | 259.2% | 245                | 75.9%     | 4,061                | 1,160                | 250.1% |
| COPPER                | H5E | 0                  | 0                  | 0.0%   | 0                  | 0.0%      | 1,941                | 627                  | 209.6% |
| COPPER                | H5M | 524                | 429                | 22.1%  | 0                  | 0.0%      | 871                  | 620                  | 40.5%  |
| COPPER                | H5R | 0                  | 0                  | -      | 0                  | 0.0%      | 385                  | 0                    | -      |
| COPPER                | H5T | 317                | 0                  | -      | 0                  | 0.0%      | 934                  | 0                    | -      |
| COPPER                | H5W | 599                | 0                  | 0.0%   | 0                  | 0.0%      | 1,285                | 591                  | 117.4% |
| GOLD                  | 1FG | 172                | 0                  | -      | 154                | 11.7%     | 1,106                | 0                    | -      |
| GOLD                  | 1MG | 18                 | 0                  | -      | 52                 | -65.4%    | 287                  | 0                    | -      |
| GOLD                  | 1WG | 71                 | 0                  | -      | 87                 | -18.4%    | 689                  | 0                    | -      |
| GOLD                  | 2FG | 165                | 0                  | -      | 119                | 38.7%     | 1,791                | 0                    | -      |
| GOLD                  | 2MG | 86                 | 0                  | -      | 33                 | 160.6%    | 384                  | 0                    | -      |
| GOLD                  | 2WG | 71                 | 0                  | -      | 179                | -60.3%    | 795                  | 0                    | -      |
| GOLD                  | 3FG | 195                | 0                  | -      | 85                 | 129.4%    | 1,365                | 0                    | -      |
| GOLD                  | 3MG | 44                 | 0                  | -      | 67                 | -34.3%    | 380                  | 0                    | -      |
| GOLD                  | 3WG | 118                | 0                  | -      | 79                 | 49.4%     | 812                  | 0                    | -      |
| GOLD                  | 4FG | 101                | 0                  | -      | 167                | -39.5%    | 869                  | 0                    | -      |
| GOLD                  | 4MG | 46                 | 0                  | -      | 23                 | 100.0%    | 214                  | 0                    | -      |
| GOLD                  | 4WG | 86                 | 0                  | -      | 24                 | 258.3%    | 634                  | 0                    | -      |
| GOLD                  | 5FG | 0                  | 0                  | -      | 0                  | 0.0%      | 43                   | 0                    | -      |
| GOLD                  | 5MG | 17                 | 0                  | -      | 0                  | 0.0%      | 106                  | 0                    | -      |
| GOLD                  | 5WG | 69                 | 0                  | -      | 0                  | 0.0%      | 183                  | 0                    | -      |
| GOLD                  | G1M | 10,167             | 3,409              | 198.2% | 19,107             | -46.8%    | 139,939              | 72,004               | 94.3%  |
| GOLD                  | G1R | 9,073              | 0                  | -      | 8,101              | 12.0%     | 57,685               | 0                    | -      |
| GOLD                  | G1T | 6,652              | 0                  | -      | 10,632             | -37.4%    | 54,675               | 0                    | -      |
| GOLD                  | G1W | 14,591             | 15,591             | -6.4%  | 23,529             | -38.0%    | 134,677              | 76,973               | 75.0%  |
| GOLD                  | G2M | 14,548             | 10,162             | 43.2%  | 24,287             | -40.1%    | 139,297              | 78,309               | 77.9%  |
| GOLD                  | G2R | 11,643             | 0                  | -      | 22,940             | -49.2%    | 70,585               | 0                    | -      |
| GOLD                  | G2T | 9,691              | 0                  | -      | 11,720             | -17.3%    | 58,449               | 0                    | -      |
| GOLD                  | G2W | 17,860             | 17,446             | 2.4%   | 19,796             | -9.8%     | 139,194              | 80,761               | 72.4%  |

## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity              |     | VOLUME<br>JUL 2024 | VOLUME<br>JUL 2023 | % CHG    | VOLUME<br>JUN 2024 | % CHG    | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG  |
|------------------------|-----|--------------------|--------------------|----------|--------------------|----------|----------------------|----------------------|--------|
| <b>Metals Options</b>  |     |                    |                    |          |                    |          |                      |                      |        |
| GOLD                   | G3M | 16,008             | 6,409              | 149.8%   | 15,142             | 5.7%     | 99,861               | 49,658               | 101.1% |
| GOLD                   | G3R | 12,653             | 0                  | -        | 8,837              | 43.2%    | 64,514               | 0                    | -      |
| GOLD                   | G3T | 7,424              | 0                  | -        | 8,758              | -15.2%   | 53,901               | 0                    | -      |
| GOLD                   | G3W | 20,591             | 9,212              | 123.5%   | 1,473              | 1,297.9% | 119,852              | 77,947               | 53.8%  |
| GOLD                   | G4M | 16,911             | 5,962              | 183.6%   | 10,659             | 58.7%    | 64,556               | 52,815               | 22.2%  |
| GOLD                   | G4R | 803                | 0                  | -        | 5,139              | -84.4%   | 39,987               | 0                    | -      |
| GOLD                   | G4T | 6,535              | 0                  | -        | 764                | 755.4%   | 30,243               | 0                    | -      |
| GOLD                   | G4W | 14,408             | 696                | 1,970.1% | 17,811             | -19.1%   | 113,471              | 52,454               | 116.3% |
| GOLD                   | G5M | 20,554             | 6,641              | 209.5%   | 0                  | 0.0%     | 51,174               | 14,566               | 251.3% |
| GOLD                   | G5R | 0                  | 0                  | -        | 0                  | 0.0%     | 9,994                | 0                    | -      |
| GOLD                   | G5T | 6,711              | 0                  | -        | 0                  | 0.0%     | 19,629               | 0                    | -      |
| GOLD                   | G5W | 19,630             | 0                  | 0.0%     | 0                  | 0.0%     | 55,945               | 18,252               | 206.5% |
| GOLD                   | OG1 | 70,678             | 35,727             | 97.8%    | 64,078             | 10.3%    | 433,884              | 324,165              | 33.8%  |
| GOLD                   | OG2 | 56,868             | 46,115             | 23.3%    | 60,371             | -5.8%    | 408,794              | 378,581              | 8.0%   |
| GOLD                   | OG3 | 59,125             | 30,263             | 95.4%    | 43,250             | 36.7%    | 388,608              | 365,673              | 6.3%   |
| GOLD                   | OG4 | 36,263             | 37,546             | -3.4%    | 45,632             | -20.5%   | 290,170              | 236,878              | 22.5%  |
| GOLD                   | OG5 | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 33,451               | 74,484               | -55.1% |
| GOLD                   | OMG | 1,155              | 0                  | -        | 594                | 94.4%    | 6,398                | 0                    | -      |
| IRON ORE CHINA         | ICT | 0                  | 0                  | 0.0%     | 0                  | 0.0%     | 0                    | 0                    | 0.0%   |
| NYMEX HOT ROLLED STEEL | COO | 0                  | 0                  | -        | 175                | -100.0%  | 2,520                | 0                    | -      |
| NYMEX HOT ROLLED STEEL | HRO | 3,220              | 1,938              | 66.2%    | 5,035              | -36.0%   | 28,082               | 15,933               | 76.3%  |
| NYMEX HOT ROLLED STEEL | LHO | 45                 | 0                  | -        | 0                  | 0.0%     | 630                  | 0                    | -      |
| NYMEX PLATINUM         | PO  | 17,697             | 15,014             | 17.9%    | 16,901             | 4.7%     | 126,713              | 118,414              | 7.0%   |
| PALLADIUM              | PAO | 4,096              | 437                | 837.3%   | 2,067              | 98.2%    | 11,678               | 6,476                | 80.3%  |
| SILVER                 | M1S | 1,127              | 781                | 44.3%    | 3,112              | -63.8%   | 19,589               | 9,571                | 104.7% |
| SILVER                 | M2S | 3,100              | 1,550              | 100.0%   | 2,509              | 23.6%    | 20,069               | 11,985               | 67.5%  |
| SILVER                 | M3S | 1,862              | 1,392              | 33.8%    | 1,981              | -6.0%    | 17,268               | 5,375                | 221.3% |
| SILVER                 | M4S | 1,655              | 916                | 80.7%    | 2,282              | -27.5%   | 8,955                | 5,948                | 50.6%  |
| SILVER                 | M5S | 2,435              | 1,682              | 44.8%    | 0                  | 0.0%     | 6,740                | 2,289                | 194.5% |
| SILVER                 | R1S | 1,324              | 0                  | -        | 1,597              | -17.1%   | 11,134               | 0                    | -      |
| SILVER                 | R2S | 2,515              | 0                  | -        | 4,385              | -42.6%   | 13,728               | 0                    | -      |
| SILVER                 | R3S | 2,631              | 0                  | -        | 3,402              | -22.7%   | 12,282               | 0                    | -      |
| SILVER                 | R4S | 263                | 0                  | -        | 2,352              | -88.8%   | 10,267               | 0                    | -      |
| SILVER                 | R5S | 0                  | 0                  | -        | 0                  | 0.0%     | 4,246                | 0                    | -      |
| SILVER                 | S1T | 1,607              | 0                  | -        | 2,859              | -43.8%   | 10,781               | 0                    | -      |
| SILVER                 | S2T | 1,752              | 0                  | -        | 3,387              | -48.3%   | 13,838               | 0                    | -      |





## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity                  |     | VOLUME<br>JUL 2024 | VOLUME<br>JUL 2023 | % CHG        | VOLUME<br>JUN 2024 | % CHG        | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG        |
|----------------------------|-----|--------------------|--------------------|--------------|--------------------|--------------|----------------------|----------------------|--------------|
| <b>Metals Options</b>      |     |                    |                    |              |                    |              |                      |                      |              |
| SILVER                     | S3T | 1,834              | 0                  | -            | 2,291              | -19.9%       | 13,269               | 0                    | -            |
| SILVER                     | S4T | 1,662              | 0                  | -            | 392                | 324.0%       | 6,160                | 0                    | -            |
| SILVER                     | S5T | 1,454              | 0                  | -            | 0                  | 0.0%         | 3,673                | 0                    | -            |
| SILVER                     | SO1 | 16,453             | 5,170              | 218.2%       | 14,646             | 12.3%        | 75,882               | 50,654               | 49.8%        |
| SILVER                     | SO2 | 11,824             | 8,470              | 39.6%        | 10,108             | 17.0%        | 71,303               | 57,438               | 24.1%        |
| SILVER                     | SO3 | 11,896             | 5,729              | 107.6%       | 9,293              | 28.0%        | 72,715               | 46,156               | 57.5%        |
| SILVER                     | SO4 | 8,557              | 7,435              | 15.1%        | 7,376              | 16.0%        | 53,002               | 29,916               | 77.2%        |
| SILVER                     | SO5 | 0                  | 0                  | 0.0%         | 0                  | 0.0%         | 11,279               | 12,213               | -7.6%        |
| SILVER                     | W1S | 2,208              | 3,694              | -40.2%       | 3,975              | -44.5%       | 22,233               | 13,813               | 61.0%        |
| SILVER                     | W2S | 2,553              | 1,880              | 35.8%        | 2,365              | 7.9%         | 19,558               | 10,862               | 80.1%        |
| SILVER                     | W3S | 2,201              | 1,267              | 73.7%        | 178                | 1,136.5%     | 16,343               | 10,489               | 55.8%        |
| SILVER                     | W4S | 2,190              | 145                | 1,410.3%     | 2,639              | -17.0%       | 16,705               | 5,422                | 208.1%       |
| SILVER                     | W5S | 2,536              | 0                  | 0.0%         | 0                  | 0.0%         | 8,437                | 1,964                | 329.6%       |
| <b>TOTAL FUTURES GROUP</b> |     |                    |                    |              |                    |              |                      |                      |              |
| Ag Products Futures        |     | 800                | 0                  | -            | 609                | 31.4%        | 6,363                | 0                    | -            |
| Energy Futures             |     | 45,132,449         | 34,310,651         | 31.5%        | 39,595,175         | 14.0%        | 295,141,837          | 259,556,285          | 13.7%        |
| Metals Futures             |     | 13,983,273         | 10,231,716         | 36.7%        | 11,229,614         | 24.5%        | 95,835,686           | 78,293,768           | 22.4%        |
| <b>TOTAL FUTURES</b>       |     | <b>59,116,522</b>  | <b>44,542,367</b>  | <b>32.7%</b> | <b>50,825,398</b>  | <b>16.3%</b> | <b>390,983,886</b>   | <b>337,850,053</b>   | <b>15.7%</b> |
| <b>TOTAL OPTIONS GROUP</b> |     |                    |                    |              |                    |              |                      |                      |              |
| Energy Options             |     | 8,824,541          | 5,003,246          | 76.4%        | 7,831,005          | 12.7%        | 59,971,467           | 39,090,570           | 53.4%        |
| Metals Options             |     | 2,847,923          | 1,285,681          | 121.5%       | 2,069,907          | 37.6%        | 16,893,265           | 11,501,827           | 46.9%        |
| <b>TOTAL OPTIONS</b>       |     | <b>11,672,464</b>  | <b>6,288,927</b>   | <b>85.6%</b> | <b>9,900,912</b>   | <b>17.9%</b> | <b>76,864,732</b>    | <b>50,592,397</b>    | <b>51.9%</b> |



## NYMEX/COMEX Exchange Volume Report - Monthly

| Commodity             | VOLUME<br>JUL 2024 | VOLUME<br>JUL 2023 | % CHG        | VOIUME<br>JUN 2024 | % CHG        | VOLUME<br>Y.T.D 2024 | VOLUME<br>Y.T.D 2023 | % CHG        |
|-----------------------|--------------------|--------------------|--------------|--------------------|--------------|----------------------|----------------------|--------------|
| <b>TOTAL COMBINED</b> |                    |                    |              |                    |              |                      |                      |              |
| Ag Products           | 800                | 0                  | -            | 609                | 31.4%        | 6,363                | 0                    |              |
| Energy                | 53,956,990         | 39,313,897         | 37.2%        | 47,426,180         | 13.8%        | 355,113,304          | 298,646,855          | 18.9%        |
| Metals                | 16,831,196         | 11,517,397         | 46.1%        | 13,299,521         | 26.6%        | 112,728,951          | 89,795,595           | 25.5%        |
| <b>GRAND TOTAL</b>    | <b>70,788,986</b>  | <b>50,831,294</b>  | <b>39.3%</b> | <b>60,726,310</b>  | <b>16.6%</b> | <b>467,848,618</b>   | <b>388,442,450</b>   | <b>20.4%</b> |