

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

| Commodity                           | Open Interest<br>SEP 2022 | Open Interest<br>SEP 2021 | % CHG     | Open Interest<br>AUG 2022 | % CHG     |         |
|-------------------------------------|---------------------------|---------------------------|-----------|---------------------------|-----------|---------|
| <b>Ag Products Futures</b>          |                           |                           |           |                           |           |         |
| COFFEE                              | KT                        | 0                         | 0         | -                         | 0         | -       |
| COTTON                              | TT                        | 0                         | 0         | -                         | 0         | -       |
| SUGAR 11                            | YO                        | 0                         | 0         | -                         | 0         | -       |
| <b>Energy Futures</b>               |                           |                           |           |                           |           |         |
| CRUDE OIL PHY                       | CL                        | 1,496,804                 | 2,176,724 | -31.2%                    | 1,467,964 | 2.0%    |
| CRUDE OIL                           | WS                        | 0                         | 8         | -100.0%                   | 0         | -       |
| MINY WTI CRUDE OIL                  | QM                        | 5,170                     | 5,667     | -8.8%                     | 6,124     | -15.6%  |
| BRENT OIL LAST DAY                  | BZ                        | 172,630                   | 205,686   | -16.1%                    | 179,021   | -3.6%   |
| HEATING OIL PHY                     | HO                        | 294,856                   | 435,578   | -32.3%                    | 283,837   | 3.9%    |
| HTG OIL                             | BH                        | 90                        | 128       | -29.7%                    | 99        | -9.1%   |
| MINY HTG OIL                        | QH                        | 0                         | 0         | 0.0%                      | 2         | -100.0% |
| RBOB PHY                            | RB                        | 239,389                   | 321,248   | -25.5%                    | 251,658   | -4.9%   |
| MINY RBOB GAS                       | QU                        | 0                         | 1         | -100.0%                   | 1         | -100.0% |
| NATURAL GAS                         | HP                        | 214,074                   | 150,044   | 42.7%                     | 234,076   | -8.5%   |
| LTD NAT GAS                         | HH                        | 377,776                   | 563,174   | -32.9%                    | 373,853   | 1.0%    |
| MINY NATURAL GAS                    | QG                        | 5,245                     | 6,922     | -24.2%                    | 5,816     | -9.8%   |
| PJM MONTHLY                         | JM                        | 0                         | 0         | -                         | 0         | -       |
| NATURAL GAS PHY                     | NG                        | 947,087                   | 1,366,597 | -30.7%                    | 978,283   | -3.2%   |
| RBOB GAS                            | RT                        | 62                        | 74        | -16.2%                    | 69        | -10.1%  |
| 3.5% FUEL OIL CID MED SWA           | 7D                        | 0                         | 0         | -                         | 0         | -       |
| AEP-DAYTON HUB DAILY                | VD                        | 10                        | 10        | 0.0%                      | 10        | 0.0%    |
| ARGUS LLS VS. WTI (ARG) T           | E5                        | 9,610                     | 14,105    | -31.9%                    | 9,015     | 6.6%    |
| ARGUS PROPAN FAR EST INDE           | 7E                        | 5,152                     | 5,828     | -11.6%                    | 5,211     | -1.1%   |
| ARGUS PROPAN(SAUDI ARAMCO           | 9N                        | 1,810                     | 1,696     | 6.7%                      | 1,676     | 8.0%    |
| AUSTRIALIAN COKE COAL               | ALW                       | 0                         | 0         | -                         | 0         | -       |
| BRENT BALMO SWAP                    | J9                        | 0                         | 300       | -100.0%                   | 0         | -       |
| BRENT CALENDAR SWAP                 | CY                        | 40,519                    | 18,898    | 114.4%                    | 41,092    | -1.4%   |
| BRENT FINANCIAL FUTURES             | BB                        | 0                         | 0         | -                         | 0         | -       |
| BRENT FINANCIAL FUTURES             | MBC                       | 10                        | 0         | -                         | 0         | -       |
| BRENT FINANCIAL FUTURES             | MDB                       | 0                         | 4         | -100.0%                   | 0         | -       |
| BRENT OIL LAST DAY                  | BZL                       | 0                         | 0         | 0.0%                      | 0         | 0.0%    |
| BRENT OIL LAST DAY                  | BZS                       | 0                         | 0         | 0.0%                      | 0         | 0.0%    |
| CAR VINTAGE                         | GEO                       | 3,196                     | 1,881     | 69.9%                     | 3,230     | -1.1%   |
| CAR VINTAGE                         | NGO                       | 13,991                    | 7,128     | 96.3%                     | 14,098    | -0.8%   |
| CHICAGO ETHANOL SWAP                | CU                        | 29,627                    | 36,482    | -18.8%                    | 34,354    | -13.8%  |
| CHICAGO ULSD PL VS HO SPR           | 5C                        | 1,093                     | 996       | 9.7%                      | 853       | 28.1%   |
| CHICAGO UNL GAS PL VS RBO           | 3C                        | 0                         | 0         | -                         | 0         | -       |
| CIG BASIS                           | CI                        | 0                         | 0         | -                         | 0         | -       |
| CIN HUB 5MW D AH PK                 | H5                        | 0                         | 0         | -                         | 0         | -       |
| CIN HUB 5MW REAL TIME O P           | H4                        | 0                         | 0         | -                         | 0         | -       |
| CIN HUB 5MW REAL TIME PK            | H3                        | 0                         | 0         | -                         | 0         | -       |
| COLUMB GULF MAINLINE NG B           | 5Z                        | 0                         | 0         | -                         | 0         | -       |
| CONWAY NATURAL GASOLINE (OPIS) SWAP | 8L                        | 933                       | 2,328     | -59.9%                    | 1,101     | -15.3%  |
| CONWAY NORMAL BUTANE (OPIS) SWAP    | 8M                        | 1,448                     | 1,674     | -13.5%                    | 1,665     | -13.0%  |
| CONWAY PROPANE 5 DECIMALS SWAP      | 8K                        | 29,001                    | 27,075    | 7.1%                      | 28,793    | 0.7%    |
| CRUDE OIL                           | LPS                       | 0                         | 0         | -                         | 0         | -       |
| CRUDE OIL LAST DAY                  | 26                        | 0                         | 0         | -                         | 0         | -       |
| CRUDE OIL OUTRIGHTS                 | 42                        | 976                       | 572       | 70.6%                     | 760       | 28.4%   |
| CRUDE OIL OUTRIGHTS                 | CC5                       | 843                       | 3,054     | -72.4%                    | 1,017     | -17.1%  |
| CRUDE OIL OUTRIGHTS                 | CSW                       | 180                       | 1,865     | -90.3%                    | 270       | -33.3%  |

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

| Commodity                           | Open Interest<br>SEP 2022 | Open Interest<br>SEP 2021 | % CHG   | Open Interest<br>AUG 2022 | % CHG   |        |
|-------------------------------------|---------------------------|---------------------------|---------|---------------------------|---------|--------|
| <b>Energy Futures</b>               |                           |                           |         |                           |         |        |
| CRUDE OIL OUTRIGHTS                 | DAB                       | 0                         | 0       | -                         | 0       | -      |
| CRUDE OIL OUTRIGHTS                 | DBL                       | 0                         | 0       | -                         | 0       | -      |
| CRUDE OIL OUTRIGHTS                 | GSW                       | 270                       | 2,251   | -88.0%                    | 420     | -35.7% |
| CRUDE OIL OUTRIGHTS                 | HTT                       | 149,649                   | 123,436 | 21.2%                     | 139,693 | 7.1%   |
| CRUDE OIL OUTRIGHTS                 | LSW                       | 424                       | 3,941   | -89.2%                    | 936     | -54.7% |
| CRUDE OIL OUTRIGHTS                 | WCW                       | 880                       | 8,314   | -89.4%                    | 1,785   | -50.7% |
| CRUDE OIL PHY                       | CLL                       | 0                         | 0       | 0.0%                      | 0       | 0.0%   |
| CRUDE OIL PHY                       | HCL                       | 0                         | 0       | -                         | 0       | -      |
| CRUDE OIL PHY                       | MCL                       | 121,301                   | 7,761   | 1,463.0%                  | 18,041  | 572.4% |
| CRUDE OIL SPRDS                     | 38                        | 0                         | 0       | -                         | 0       | -      |
| CRUDE OIL SPRDS                     | ANT                       | 2,900                     | 2,126   | 36.4%                     | 2,730   | 6.2%   |
| CRUDE OIL SPRDS                     | HIL                       | 2,230                     | 13,344  | -83.3%                    | 2,900   | -23.1% |
| CRUDE OIL SPRDS                     | WTT                       | 148,990                   | 73,355  | 103.1%                    | 132,951 | 12.1%  |
| CRUDE OIL TRADE AT MARKER SINGAPORE | CLS                       | 0                         | 0       | 0.0%                      | 0       | 0.0%   |
| DAILY PJM                           | AOR                       | 480                       | 480     | 0.0%                      | 480     | 0.0%   |
| DAILY PJM                           | IDO                       | 1,488                     | 18,848  | -92.1%                    | 1,416   | 5.1%   |
| DAILY PJM                           | NOC                       | 0                         | 960     | -100.0%                   | 0       | -      |
| DAILY PJM                           | PAP                       | 0                         | 0       | -                         | 0       | -      |
| DAILY PJM                           | PEO                       | 0                         | 0       | -                         | 0       | -      |
| DAILY PJM                           | PNO                       | 0                         | 0       | -                         | 0       | -      |
| DAILY PJM                           | PNP                       | 0                         | 0       | -                         | 0       | -      |
| DAILY PJM                           | PWO                       | 0                         | 0       | -                         | 0       | -      |
| DAILY PJM                           | PWP                       | 0                         | 0       | -                         | 0       | -      |
| DAILY PJM                           | WOR                       | 4,320                     | 1,920   | 125.0%                    | 4,320   | 0.0%   |
| DAILY PJM                           | ZAO                       | 0                         | 0       | -                         | 0       | -      |
| DAILY PJM                           | ZGO                       | 0                         | 9,920   | -100.0%                   | 0       | -      |
| DAILY PJM                           | ZJO                       | 0                         | 0       | -                         | 0       | -      |
| DATED BRENT (PLATTS) DAILY SWAP     | 7G                        | 0                         | 0       | -                         | 0       | -      |
| DATED TO FRONTLINE BRENT            | FY                        | 2,320                     | 785     | 195.5%                    | 2,345   | -1.1%  |
| DIESEL 10P BRG FOB RDM VS           | 7X                        | 0                         | 0       | -                         | 0       | -      |
| DOMINION TRANSMISSION INC           | PG                        | 0                         | 18      | -100.0%                   | 0       | -      |
| DUBAI CRUDE OIL BALMO               | BI                        | 0                         | 0       | -                         | 0       | -      |
| DUBAI CRUDE OIL CALENDAR            | DC                        | 500                       | 0       | -                         | 500     | 0.0%   |
| DUTCH TTF NATURAL GAS CAL MONTH FUT | TTF                       | 3,793                     | 15,243  | -75.1%                    | 4,107   | -7.6%  |
| EAST/WEST FUEL OIL SPREAD           | EW                        | 0                         | 0       | -                         | 0       | -      |
| EIA FLAT TAX ONHWAY DIESE           | A5                        | 692                       | 2,820   | -75.5%                    | 815     | -15.1% |
| ELEC FINSETTLED                     | 47                        | 0                         | 0       | -                         | 0       | -      |
| ELECTRICITY OFF PEAK                | 46                        | 0                         | 0       | -                         | 0       | -      |
| ELECTRICITY OFF PEAK                | 4P                        | 0                         | 0       | -                         | 0       | -      |
| EMMISSIONS                          | CGO                       | 196                       | 0       | -                         | 195     | 0.5%   |
| ETHANOL                             | MTH                       | 0                         | 0       | -                         | 0       | -      |
| ETHANOL SWAP                        | MT2                       | 560                       | 690     | -18.8%                    | 485     | 15.5%  |
| ETHANOL T2 FOB ROTT INCL DUTY SWAP  | Z1                        | 8,034                     | 8,161   | -1.6%                     | 6,455   | 24.5%  |
| EURO 3.5% FUEL OIL RDAM B           | KR                        | 0                         | 10      | -100.0%                   | 0       | -      |
| EURO 3.5% FUEL OIL SPREAD           | FK                        | 0                         | 0       | -                         | 0       | -      |
| EURO GASOIL 10 CAL SWAP             | GT                        | 3                         | 0       | -                         | 0       | -      |
| EURO GASOIL 10PPM VS ICE            | ET                        | 532                       | 1,082   | -50.8%                    | 581     | -8.4%  |
| EUROPE 1% FUEL OIL NWE CA           | UF                        | 20                        | 74      | -73.0%                    | 25      | -20.0% |
| EUROPE 1% FUEL OIL RDAM C           | UH                        | 0                         | 0       | -                         | 0       | -      |
| EUROPE 3.5% FUEL OIL MED            | UI                        | 0                         | 0       | -                         | 0       | -      |
| EUROPE 3.5% FUEL OIL RDAM           | UV                        | 118                       | 227     | -48.0%                    | 125     | -5.6%  |
| EUROPEAN GASOIL (ICE)               | 7F                        | 2,158                     | 3,381   | -36.2%                    | 2,220   | -2.8%  |

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

| Commodity                           | Open Interest<br>SEP 2022 | Open Interest<br>SEP 2021 | % CHG  | Open Interest<br>AUG 2022 | % CHG  |         |
|-------------------------------------|---------------------------|---------------------------|--------|---------------------------|--------|---------|
| <b>Energy Futures</b>               |                           |                           |        |                           |        |         |
| EUROPEAN NAPHTHA BALMO              | KZ                        | 19                        | 23     | -17.4%                    | 5      | 280.0%  |
| EUROPEAN NAPHTHA CRACK SPR          | EN                        | 5,515                     | 7,243  | -23.9%                    | 6,563  | -16.0%  |
| EUROPE DATED BRENT SWAP             | UB                        | 3                         | 12     | -75.0%                    | 4      | -25.0%  |
| EUROPE JET KERO NWE CALSW           | UJ                        | 0                         | 10     | -100.0%                   | 0      | -       |
| EUROPE NAPHTHA CALSWAP              | UN                        | 639                       | 1,280  | -50.1%                    | 744    | -14.1%  |
| EURO PROPANE CIF ARA SWA            | PS                        | 3,070                     | 2,559  | 20.0%                     | 2,581  | 18.9%   |
| FREIGHT MARKETS                     | ACB                       | 0                         | 0      | -                         | 0      | -       |
| FREIGHT MARKETS                     | BF1                       | 0                         | 0      | -                         | 0      | -       |
| FREIGHT MARKETS                     | BF2                       | 0                         | 111    | -100.0%                   | 0      | -       |
| FREIGHT MARKETS                     | BF3                       | 0                         | 0      | -                         | 0      | -       |
| FREIGHT MARKETS                     | BL2                       | 1,175                     | 95     | 1,136.8%                  | 370    | 217.6%  |
| FREIGHT MARKETS                     | CS3                       | 0                         | 0      | -                         | 10     | -100.0% |
| FREIGHT MARKETS                     | CS4                       | 120                       | 0      | -                         | 120    | 0.0%    |
| FREIGHT MARKETS                     | FLJ                       | 0                         | 43     | -100.0%                   | 0      | -       |
| FREIGHT MARKETS                     | FLP                       | 68                        | 247    | -72.5%                    | 79     | -13.9%  |
| FREIGHT MARKETS                     | FRC                       | 56                        | 60     | -6.7%                     | 61     | -8.2%   |
| FREIGHT MARKETS                     | T2D                       | 114                       | 295    | -61.4%                    | 162    | -29.6%  |
| FREIGHT MARKETS                     | T7C                       | 0                         | 0      | -                         | 0      | -       |
| FREIGHT MARKETS                     | T8C                       | 0                         | 0      | -                         | 0      | -       |
| FREIGHT MARKETS                     | TC6                       | 0                         | 0      | -                         | 0      | -       |
| FREIGHT MARKETS                     | TD3                       | 0                         | 0      | -                         | 0      | -       |
| FREIGHT MARKETS                     | USC                       | 0                         | 0      | -                         | 0      | -       |
| FREIGHT MARKETS                     | USE                       | 0                         | 0      | -                         | 0      | -       |
| FUEL OIL CRACK VS ICE               | FO                        | 374                       | 1,832  | -79.6%                    | 487    | -23.2%  |
| FUEL OIL NWE CRACK VS ICE           | FI                        | 51                        | 72     | -29.2%                    | 57     | -10.5%  |
| FUEL OIL (PLATS) CAR CM             | 1W                        | 0                         | 0      | -                         | 0      | -       |
| FUELOIL SWAP:CARGOES VS.B           | FS                        | 0                         | 36     | -100.0%                   | 0      | -       |
| GAS EURO-BOB OXY NWE BARGES         | 7H                        | 363                       | 1,792  | -79.7%                    | 460    | -21.1%  |
| GAS EURO-BOB OXY NWE BARGES CRK     | 7K                        | 6,416                     | 15,646 | -59.0%                    | 6,966  | -7.9%   |
| GASOIL 0.1CIF MED VS ICE            | Z5                        | 20                        | 60     | -66.7%                    | 25     | -20.0%  |
| GASOIL 0.1 RDAM BRGS VS I           | WQ                        | 0                         | 17     | -100.0%                   | 0      | -       |
| GASOIL 0.1 ROTTERDAM BARG           | VL                        | 22                        | 83     | -73.5%                    | 26     | -15.4%  |
| GASOIL 10PPM VS ICE SWAP            | TP                        | 0                         | 0      | -                         | 0      | -       |
| GASOIL CALENDAR SWAP                | GX                        | 178                       | 352    | -49.4%                    | 174    | 2.3%    |
| GASOIL CRACK SPREAD CALEN           | GZ                        | 1,925                     | 7,269  | -73.5%                    | 2,320  | -17.0%  |
| GASOIL MINI CALENDAR SWAP           | QA                        | 418                       | 1,452  | -71.2%                    | 488    | -14.3%  |
| GERMAN POWER BASELOAD CAL MONTH FUT | DEB                       | 72                        | 418    | -82.8%                    | 90     | -20.0%  |
| GROUP THREE UNLEAD GAS (P           | A9                        | 0                         | 0      | -                         | 0      | -       |
| GRP THREE ULSD(PLT)VS HEA           | A6                        | 5,207                     | 8,065  | -35.4%                    | 5,462  | -4.7%   |
| GRP THREE UNL GS (PLT) VS           | A8                        | 3,520                     | 4,258  | -17.3%                    | 3,335  | 5.5%    |
| GULF COAST 3% FUEL OIL BA           | VZ                        | 0                         | 0      | -                         | 120    | -100.0% |
| GULF COAST JET FUEL CLNDR           | GE                        | 0                         | 0      | -                         | 0      | -       |
| GULF COAST JET VS NYM 2 H           | ME                        | 9,573                     | 19,835 | -51.7%                    | 10,630 | -9.9%   |
| GULF COAST NO.6 FUEL OIL            | MF                        | 7,296                     | 3,008  | 142.6%                    | 4,981  | 46.5%   |
| GULF COAST NO.6 FUEL OIL            | MG                        | 10,688                    | 5,875  | 81.9%                     | 8,083  | 32.2%   |
| GULF COAST ULSD CALENDAR            | LY                        | 640                       | 2,859  | -77.6%                    | 721    | -11.2%  |
| GULF COAST ULSD CRACK SPR           | GY                        | 0                         | 40     | -100.0%                   | 0      | -       |
| HEATING OIL BALMO CLNDR S           | 1G                        | 0                         | 200    | -100.0%                   | 233    | -100.0% |
| HEATING OIL CRCK SPRD BAL           | 1H                        | 0                         | 0      | -                         | 0      | -       |
| HEATING OIL PHY                     | HOL                       | 0                         | 0      | 0.0%                      | 0      | 0.0%    |
| HEATING OIL PHY                     | MHO                       | 0                         | 0      | -                         | 0      | 0.0%    |
| HENRY HUB BASIS SWAP                | HB                        | 0                         | 0      | -                         | 0      | -       |

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

| Commodity                            | Open Interest<br>SEP 2022 | Open Interest<br>SEP 2021 | % CHG   | Open Interest<br>AUG 2022 | % CHG   |         |
|--------------------------------------|---------------------------|---------------------------|---------|---------------------------|---------|---------|
| <b>Energy Futures</b>                |                           |                           |         |                           |         |         |
| HENRY HUB FINANCIAL LAST             | NBP                       | 0                         | 0       | -                         | 0       | -       |
| HENRY HUB INDEX SWAP FUTU            | IN                        | 0                         | 0       | -                         | 0       | -       |
| HENRY HUB SWAP                       | NN                        | 468,362                   | 543,173 | -13.8%                    | 481,292 | -2.7%   |
| HOUSTON SHIP CHANNEL BASI            | NH                        | 0                         | 460     | -100.0%                   | 0       | -       |
| ICE BRENT DUBAI SWAP                 | DB                        | 950                       | 2,772   | -65.7%                    | 1,195   | -20.5%  |
| ICE GASOIL BALMO SWAP                | U9                        | 0                         | 0       | -                         | 0       | -       |
| INDIANA MISO                         | FTD                       | 0                         | 0       | -                         | 0       | -       |
| INDIANA MISO                         | PDD                       | 0                         | 0       | -                         | 0       | -       |
| INDIANA MISO                         | PTD                       | 0                         | 0       | -                         | 0       | -       |
| INDONESIAN COAL ICI4                 | ICI                       | 0                         | 60      | -100.0%                   | 0       | -       |
| JAPAN C&F NAPHTHA CRACK S            | JB                        | 6                         | 0       | -                         | 6       | 0.0%    |
| JAPAN C&F NAPHTHA SWAP               | JA                        | 274                       | 207     | 32.4%                     | 307     | -10.7%  |
| JAPAN NAPHTHA BALMO SWAP             | E6                        | 0                         | 12      | -100.0%                   | 0       | -       |
| JET CIF NWE VS ICE                   | JC                        | 858                       | 741     | 15.8%                     | 942     | -8.9%   |
| JET FUEL UP-DOWN BALMO CL            | 1M                        | 230                       | 3,040   | -92.4%                    | 100     | 130.0%  |
| JKM LNG Futures                      | JKM                       | 772                       | 2,761   | -72.0%                    | 909     | -15.1%  |
| LA CARB DIESEL (OPIS) SWA            | KL                        | 504                       | 620     | -18.7%                    | 525     | -4.0%   |
| LA CARBOB GASOLINE(OPIS)S            | JL                        | 0                         | 0       | -                         | 0       | -       |
| LA JET (OPIS) SWAP                   | JS                        | 50                        | 1,220   | -95.9%                    | 125     | -60.0%  |
| LLS (ARGUS) CALENDAR SWAP            | XA                        | 0                         | 0       | -                         | 0       | -       |
| LLS (ARGUS) VS WTI SWAP              | WJ                        | 1,852                     | 2,598   | -28.7%                    | 1,979   | -6.4%   |
| LOS ANGELES CARB GASOLINE            | MH                        | 0                         | 0       | -                         | 0       | -       |
| MARS (ARGUS) VS WTI SWAP             | YX                        | 475                       | 340     | 39.7%                     | 575     | -17.4%  |
| MARS (ARGUS) VS WTI TRD M            | YV                        | 9,722                     | 15,090  | -35.6%                    | 11,576  | -16.0%  |
| MARS BLEND CRUDE OIL                 | MB                        | 0                         | 0       | -                         | 0       | -       |
| MCCLOSKEY ARA ARGS COAL              | MTF                       | 10,152                    | 18,164  | -44.1%                    | 11,601  | -12.5%  |
| MCCLOSKEY RCH BAY COAL               | MFF                       | 610                       | 1,232   | -50.5%                    | 952     | -35.9%  |
| MGN1 SWAP FUT                        | MGN                       | 0                         | 0       | -                         | 0       | -       |
| MICHIGAN BASIS                       | NF                        | 0                         | 0       | -                         | 0       | -       |
| MINI GAS EUROBOB OXY NWE ARGS BALMO  | MEB                       | 20                        | 17      | 17.6%                     | 10      | 100.0%  |
| MINI RBOB V. EBOBARG NWE BRGS BALMO  | MXR                       | 0                         | 0       | -                         | 0       | -       |
| MINI RBOB V. EBOB(ARGUS) NWE BRGS    | MXB                       | 190                       | 1,117   | -83.0%                    | 358     | -46.9%  |
| MJC FUT                              | MJC                       | 0                         | 40      | -100.0%                   | 0       | -       |
| MNC FUT                              | MNC                       | 3,316                     | 2,222   | 49.2%                     | 3,236   | 2.5%    |
| MONT BELVIEU ETHANE 5 DECIMAL        | C0                        | 43,137                    | 53,976  | -20.1%                    | 44,482  | -3.0%   |
| MONT BELVIEU ETHANE OPIS BALMO       | 8C                        | 1,322                     | 665     | 98.8%                     | 916     | 44.3%   |
| MONT BELVIEU LDH PROPANE 5 DECIMAL   | B0                        | 129,386                   | 132,814 | -2.6%                     | 123,712 | 4.6%    |
| MONT BELVIEU LDH PROPANE OPIS BALMO  | 8O                        | 1,881                     | 3,363   | -44.1%                    | 1,025   | 83.5%   |
| MONT BELVIEU NATURAL GASOLINE 5 DEC  | 7Q                        | 36,824                    | 32,970  | 11.7%                     | 39,770  | -7.4%   |
| MONT BELVIEU NATURAL GASOLINE BALMO  | R0                        | 1,825                     | 1,195   | 52.7%                     | 1,696   | 7.6%    |
| MONT BELVIEU NORMAL BUTANE 5 DECIMAL | D0                        | 59,457                    | 64,768  | -8.2%                     | 62,190  | -4.4%   |
| MONT BELVIEU NORMAL BUTANE BALMO     | 8J                        | 1,074                     | 1,448   | -25.8%                    | 961     | 11.8%   |
| NATURAL GAS PEN SWP                  | NP                        | 191,429                   | 204,059 | -6.2%                     | 198,736 | -3.7%   |
| NEPOOL INTR HUB 5MW D AH             | H2                        | 0                         | 29,564  | -100.0%                   | 1,224   | -100.0% |
| NEPOOL INTR HUB 5MW D AH             | U6                        | 0                         | 1,679   | -100.0%                   | 63      | -100.0% |
| NEPOOL NE MASS 5MW D AH O            | P8                        | 0                         | 0       | -                         | 0       | -       |
| NEPOOL NE MASS 5MW D AH P            | P7                        | 0                         | 0       | -                         | 0       | -       |
| NEW ENGLAND HUB PEAK DAIL            | CE                        | 96                        | 896     | -89.3%                    | 96      | 0.0%    |
| NEW YORK ETHANOL SWAP                | EZ                        | 1,730                     | 345     | 401.4%                    | 1,215   | 42.4%   |
| NEW YORK HUB ZONE G PEAK             | GN                        | 800                       | 320     | 150.0%                    | 800     | 0.0%    |
| NEW YORK HUB ZONE J PEAK             | JN                        | 0                         | 0       | -                         | 0       | -       |
| NGPL MID-CONTINENT                   | NL                        | 0                         | 0       | -                         | 0       | -       |

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

| Commodity                         | Open Interest<br>SEP 2022 | Open Interest<br>SEP 2021 | % CHG    | Open Interest<br>AUG 2022 | % CHG   |
|-----------------------------------|---------------------------|---------------------------|----------|---------------------------|---------|
| <b>Energy Futures</b>             |                           |                           |          |                           |         |
| NGPL TEX/OK                       | 0                         | 0                         | -        | 0                         | -       |
| N ILLINOIS HUB DAILY              | 0                         | 20                        | -100.0%  | 20                        | -100.0% |
| NO 2 UP-DOWN SPREAD CALEN         | 0                         | 0                         | -        | 0                         | -       |
| NORTHWEST ROCKIES BASIS S         | 0                         | 0                         | -        | 0                         | -       |
| NY1% VS GC SPREAD SWAP            | 0                         | 120                       | -100.0%  | 0                         | -       |
| NY HARBOR 1% FUEL OIL BAL         | 0                         | 0                         | -        | 0                         | -       |
| NY HARBOR HEAT OIL SWP            | 8,183                     | 9,257                     | -11.6%   | 7,361                     | 11.2%   |
| NY HARBOR LOW SULPUR GAS 1000MBBL | 200                       | 1,105                     | -81.9%   | 250                       | -20.0%  |
| NY HARBOR RESIDUAL FUEL 1         | 225                       | 675                       | -66.7%   | 250                       | -10.0%  |
| NYH NO 2 CRACK SPREAD CAL         | 8,767                     | 9,414                     | -6.9%    | 9,915                     | -11.6%  |
| NYISO CAPACITY                    | 0                         | 0                         | -        | 0                         | -       |
| NYISO CAPACITY                    | 0                         | 0                         | -        | 0                         | -       |
| NYISO ZONE A 5MW D AH O P         | 0                         | 0                         | -        | 0                         | -       |
| NYISO ZONE G 5MW D AH O P         | 0                         | 0                         | 0.0%     | 0                         | -       |
| NYISO ZONE G 5MW D AH PK          | 1,050                     | 6,815                     | -84.6%   | 1,575                     | -33.3%  |
| NYISO ZONE J 5MW D AH O P         | 0                         | 0                         | -        | 0                         | -       |
| NYISO ZONE J 5MW D AH PK          | 0                         | 0                         | -        | 0                         | -       |
| NYMEX ALUMINUM FUTURES            | 0                         | 0                         | -        | 0                         | -       |
| NYMEX ULSD VS NYMEX HO            | 0                         | 0                         | -        | 0                         | -       |
| NY ULSD (ARGUS) VS HEATING OIL    | 2,564                     | 41                        | 6,153.7% | 2,320                     | 10.5%   |
| PANHANDLE BASIS SWAP FUTU         | 0                         | 39                        | -100.0%  | 0                         | -       |
| PERMIAN BASIS SWAP                | 0                         | 0                         | -        | 0                         | -       |
| PETROCHEMICALS                    | 187                       | 216                       | -13.4%   | 148                       | 26.4%   |
| PETROCHEMICALS                    | 22                        | 39                        | -43.6%   | 24                        | -8.3%   |
| PETROCHEMICALS                    | 119                       | 51                        | 133.3%   | 108                       | 10.2%   |
| PETROCHEMICALS                    | 5                         | 0                         | -        | 11                        | -54.5%  |
| PETROCHEMICALS                    | 60                        | 60                        | 0.0%     | 60                        | 0.0%    |
| PETROCHEMICALS                    | 6,148                     | 7,333                     | -16.2%   | 6,215                     | -1.1%   |
| PETROCHEMICALS                    | 826                       | 1,042                     | -20.7%   | 731                       | 13.0%   |
| PETROCHEMICALS                    | 30                        | 45                        | -33.3%   | 10                        | 200.0%  |
| PETROCHEMICALS                    | 2,350                     | 2,043                     | 15.0%    | 2,050                     | 14.6%   |
| PETROCHEMICALS                    | 780                       | 676                       | 15.4%    | 825                       | -5.5%   |
| PETROCHEMICALS                    | 130                       | 60                        | 116.7%   | 30                        | 333.3%  |
| PETROCHEMICALS                    | 0                         | 1,590                     | -100.0%  | 0                         | -       |
| PETROCHEMICALS                    | 1,681                     | 1,611                     | 4.3%     | 1,497                     | 12.3%   |
| PETROCHEMICALS                    | 3                         | 5                         | -40.0%   | 2                         | 50.0%   |
| PETRO CRCKS & SPRDS ASIA          | 0                         | 0                         | -        | 0                         | -       |
| PETRO CRCKS & SPRDS ASIA          | 0                         | 175                       | -100.0%  | 0                         | -       |
| PETRO CRCKS & SPRDS NA            | 18,376                    | 28,372                    | -35.2%   | 20,420                    | -10.0%  |
| PETRO CRCKS & SPRDS NA            | 442                       | 1,040                     | -57.5%   | 514                       | -14.0%  |
| PETRO CRCKS & SPRDS NA            | 0                         | 0                         | -        | 0                         | -       |
| PETRO CRCKS & SPRDS NA            | 0                         | 55                        | -100.0%  | 75                        | -100.0% |
| PETRO CRCKS & SPRDS NA            | 0                         | 0                         | -        | 0                         | -       |
| PETRO CRCKS & SPRDS NA            | 0                         | 50                        | -100.0%  | 0                         | -       |
| PETRO CRCKS & SPRDS NA            | 0                         | 0                         | -        | 0                         | -       |
| PETRO CRCKS & SPRDS NA            | 0                         | 690                       | -100.0%  | 0                         | -       |
| PETRO CRCKS & SPRDS NA            | 0                         | 460                       | -100.0%  | 0                         | -       |
| PETRO CRCKS & SPRDS NA            | 884                       | 4,743                     | -81.4%   | 1,126                     | -21.5%  |
| PETRO CRCKS & SPRDS NA            | 0                         | 72                        | -100.0%  | 0                         | -       |
| PETRO CRCKS & SPRDS NA            | 0                         | 0                         | -        | 0                         | -       |
| PETRO CRCKS & SPRDS NA            | 1,063                     | 3,467                     | -69.3%   | 1,385                     | -23.2%  |
| PETRO CRCKS & SPRDS NA            | 6,918                     | 570                       | 1,113.7% | 7,534                     | -8.2%   |

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

| Commodity               | Open Interest<br>SEP 2022 | Open Interest<br>SEP 2021 | % CHG | Open Interest<br>AUG 2022 | % CHG |         |
|-------------------------|---------------------------|---------------------------|-------|---------------------------|-------|---------|
| <b>Energy Futures</b>   |                           |                           |       |                           |       |         |
| PETRO CRCKS & SPRDS NA  | SF3                       | 0                         | 0     | -                         | 0     | -       |
| PETRO CRK&SPRD EURO     | 1NB                       | 230                       | 183   | 25.7%                     | 330   | -30.3%  |
| PETRO CRK&SPRD EURO     | 43                        | 0                         | 0     | -                         | 0     | -       |
| PETRO CRK&SPRD EURO     | BOB                       | 227                       | 630   | -64.0%                    | 286   | -20.6%  |
| PETRO CRK&SPRD EURO     | EOB                       | 5                         | 0     | -                         | 10    | -50.0%  |
| PETRO CRK&SPRD EURO     | EPN                       | 1,068                     | 879   | 21.5%                     | 988   | 8.1%    |
| PETRO CRK&SPRD EURO     | EVC                       | 35                        | 418   | -91.6%                    | 70    | -50.0%  |
| PETRO CRK&SPRD EURO     | FVB                       | 0                         | 0     | -                         | 0     | -       |
| PETRO CRK&SPRD EURO     | GCB                       | 0                         | 0     | -                         | 0     | -       |
| PETRO CRK&SPRD EURO     | GOC                       | 0                         | 0     | -                         | 0     | -       |
| PETRO CRK&SPRD EURO     | MGB                       | 0                         | 60    | -100.0%                   | 0     | -       |
| PETRO CRK&SPRD EURO     | MUD                       | 0                         | 0     | -                         | 0     | -       |
| PETRO CRK&SPRD EURO     | NBB                       | 0                         | 0     | -                         | 0     | -       |
| PETRO CRK&SPRD EURO     | NOB                       | 378                       | 484   | -21.9%                    | 405   | -6.7%   |
| PETROLEUM PRODUCTS      | 1NM                       | 0                         | 100   | -100.0%                   | 0     | -       |
| PETROLEUM PRODUCTS      | BEB                       | 0                         | 0     | -                         | 0     | -       |
| PETROLEUM PRODUCTS      | BEF                       | 0                         | 2     | -100.0%                   | 0     | -       |
| PETROLEUM PRODUCTS      | CMS                       | 590                       | 60    | 883.3%                    | 290   | 103.4%  |
| PETROLEUM PRODUCTS      | EWG                       | 1,332                     | 1,903 | -30.0%                    | 1,413 | -5.7%   |
| PETROLEUM PRODUCTS      | H5F                       | 375                       | 0     | -                         | 225   | 66.7%   |
| PETROLEUM PRODUCTS      | JCC                       | 7,593                     | 522   | 1,354.6%                  | 7,698 | -1.4%   |
| PETROLEUM PRODUCTS      | MME                       | 0                         | 0     | -                         | 0     | -       |
| PETROLEUM PRODUCTS      | MPE                       | 0                         | 0     | -                         | 0     | -       |
| PETROLEUM PRODUCTS      | NCC                       | 0                         | 0     | -                         | 0     | -       |
| PETROLEUM PRODUCTS      | R5E                       | 0                         | 0     | -                         | 0     | -       |
| PETROLEUM PRODUCTS      | R5F                       | 217                       | 129   | 68.2%                     | 187   | 16.0%   |
| PETROLEUM PRODUCTS      | S53                       | 12                        | 8     | 50.0%                     | 12    | 0.0%    |
| PETROLEUM PRODUCTS      | UCS                       | 0                         | 0     | -                         | 0     | -       |
| PETROLEUM PRODUCTS      | UP5                       | 0                         | 0     | -                         | 0     | -       |
| PETROLEUM PRODUCTS      | VU                        | 0                         | 0     | -                         | 0     | -       |
| PETROLEUM PRODUCTS ASIA | E6M                       | 5                         | 0     | -                         | 10    | -50.0%  |
| PETROLEUM PRODUCTS ASIA | MJN                       | 960                       | 760   | 26.3%                     | 985   | -2.5%   |
| PETRO OUTRIGHT EURO     | 0B                        | 56                        | 176   | -68.2%                    | 70    | -20.0%  |
| PETRO OUTRIGHT EURO     | 0C                        | 0                         | 0     | -                         | 0     | -       |
| PETRO OUTRIGHT EURO     | 0D                        | 97                        | 210   | -53.8%                    | 96    | 1.0%    |
| PETRO OUTRIGHT EURO     | 0E                        | 0                         | 0     | -                         | 0     | -       |
| PETRO OUTRIGHT EURO     | 0F                        | 0                         | 3     | -100.0%                   | 0     | -       |
| PETRO OUTRIGHT EURO     | 1T                        | 0                         | 10    | -100.0%                   | 0     | -       |
| PETRO OUTRIGHT EURO     | 5L                        | 0                         | 0     | -                         | 10    | -100.0% |
| PETRO OUTRIGHT EURO     | 63                        | 0                         | 0     | -                         | 0     | -       |
| PETRO OUTRIGHT EURO     | 7I                        | 0                         | 0     | -                         | 0     | -       |
| PETRO OUTRIGHT EURO     | 7R                        | 0                         | 5     | -100.0%                   | 0     | -       |
| PETRO OUTRIGHT EURO     | CBB                       | 0                         | 0     | -                         | 0     | -       |
| PETRO OUTRIGHT EURO     | CGB                       | 0                         | 0     | -                         | 0     | -       |
| PETRO OUTRIGHT EURO     | CPB                       | 101                       | 167   | -39.5%                    | 65    | 55.4%   |
| PETRO OUTRIGHT EURO     | EFF                       | 0                         | 0     | -                         | 0     | -       |
| PETRO OUTRIGHT EURO     | EFM                       | 0                         | 2     | -100.0%                   | 0     | -       |
| PETRO OUTRIGHT EURO     | ENS                       | 0                         | 0     | -                         | 0     | -       |
| PETRO OUTRIGHT EURO     | EWN                       | 406                       | 474   | -14.3%                    | 356   | 14.0%   |
| PETRO OUTRIGHT EURO     | FLB                       | 0                         | 0     | -                         | 0     | -       |
| PETRO OUTRIGHT EURO     | GNO                       | 0                         | 0     | -                         | 0     | -       |
| PETRO OUTRIGHT EURO     | H5G                       | 0                         | 0     | -                         | 0     | -       |

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

| Commodity                           | Open Interest<br>SEP 2022 | Open Interest<br>SEP 2021 | % CHG   | Open Interest<br>AUG 2022 | % CHG  |        |
|-------------------------------------|---------------------------|---------------------------|---------|---------------------------|--------|--------|
| <b>Energy Futures</b>               |                           |                           |         |                           |        |        |
| PETRO OUTRIGHT EURO                 | JFB                       | 0                         | 0       | -                         | 0      | -      |
| PETRO OUTRIGHT EURO                 | M1B                       | 2,175                     | 4,416   | -50.7%                    | 2,236  | -2.7%  |
| PETRO OUTRIGHT EURO                 | MBB                       | 0                         | 30      | -100.0%                   | 0      | -      |
| PETRO OUTRIGHT EURO                 | MBN                       | 2,274                     | 977     | 132.8%                    | 1,971  | 15.4%  |
| PETRO OUTRIGHT EURO                 | MEF                       | 130                       | 581     | -77.6%                    | 150    | -13.3% |
| PETRO OUTRIGHT EURO                 | MQA                       | 85                        | 30      | 183.3%                    | 85     | 0.0%   |
| PETRO OUTRIGHT EURO                 | R53                       | 12                        | 67      | -82.1%                    | 15     | -20.0% |
| PETRO OUTRIGHT EURO                 | R5B                       | 0                         | 0       | -                         | 0      | -      |
| PETRO OUTRIGHT EURO                 | R5M                       | 3,799                     | 4,431   | -14.3%                    | 3,495  | 8.7%   |
| PETRO OUTRIGHT EURO                 | R5O                       | 2,047                     | 1,904   | 7.5%                      | 2,162  | -5.3%  |
| PETRO OUTRIGHT EURO                 | RBM                       | 6                         | 7       | -14.3%                    | 11     | -45.5% |
| PETRO OUTRIGHT EURO                 | S5B                       | 0                         | 0       | -                         | 0      | -      |
| PETRO OUTRIGHT EURO                 | S5F                       | 202                       | 220     | -8.2%                     | 209    | -3.3%  |
| PETRO OUTRIGHT EURO                 | S5M                       | 3,190                     | 3,404   | -6.3%                     | 3,250  | -1.8%  |
| PETRO OUTRIGHT EURO                 | S5O                       | 2,609                     | 2,203   | 18.4%                     | 3,444  | -24.2% |
| PETRO OUTRIGHT EURO                 | SMU                       | 0                         | 1,200   | -100.0%                   | 0      | -      |
| PETRO OUTRIGHT EURO                 | SR5                       | 81                        | 0       | -                         | 63     | 28.6%  |
| PETRO OUTRIGHT EURO                 | T0                        | 0                         | 0       | -                         | 0      | -      |
| PETRO OUTRIGHT EURO                 | T2B                       | 0                         | 0       | -                         | 0      | -      |
| PETRO OUTRIGHT EURO                 | TLB                       | 0                         | 0       | -                         | 0      | -      |
| PETRO OUTRIGHT EURO                 | ULB                       | 0                         | 0       | -                         | 0      | -      |
| PETRO OUTRIGHT EURO                 | UNB                       | 0                         | 0       | -                         | 0      | -      |
| PETRO OUTRIGHT EURO                 | V0                        | 0                         | 234     | -100.0%                   | 0      | -      |
| PETRO OUTRIGHT NA                   | A8B                       | 300                       | 75      | 300.0%                    | 125    | 140.0% |
| PETRO OUTRIGHT NA                   | AB6                       | 25                        | 50      | -50.0%                    | 35     | -28.6% |
| PETRO OUTRIGHT NA                   | BCR                       | 750                       | 1,525   | -50.8%                    | 3,325  | -77.4% |
| PETRO OUTRIGHT NA                   | DBB                       | 0                         | 0       | -                         | 0      | -      |
| PETRO OUTRIGHT NA                   | FCB                       | 0                         | 0       | -                         | 0      | -      |
| PETRO OUTRIGHT NA                   | H5B                       | 0                         | 0       | -                         | 0      | -      |
| PETRO OUTRIGHT NA                   | JE                        | 40                        | 260     | -84.6%                    | 50     | -20.0% |
| PETRO OUTRIGHT NA                   | JET                       | 1,400                     | 1,475   | -5.1%                     | 1,050  | 33.3%  |
| PETRO OUTRIGHT NA                   | JTB                       | 0                         | 340     | -100.0%                   | 0      | -      |
| PETRO OUTRIGHT NA                   | MBL                       | 370                       | 136     | 172.1%                    | 320    | 15.6%  |
| PETRO OUTRIGHT NA                   | MEN                       | 8                         | 87      | -90.8%                    | 35     | -77.1% |
| PETRO OUTRIGHT NA                   | MEO                       | 505                       | 941     | -46.3%                    | 418    | 20.8%  |
| PETRO OUTRIGHT NA                   | MFD                       | 0                         | 0       | -                         | 0      | -      |
| PETRO OUTRIGHT NA                   | MMF                       | 10                        | 0       | -                         | 0      | -      |
| PJM AD HUB 5MW REAL TIME            | V3                        | 6,005                     | 29,245  | -79.5%                    | 7,925  | -24.2% |
| PJM AD HUB 5MW REAL TIME            | Z9                        | 315                       | 1,600   | -80.3%                    | 420    | -25.0% |
| PJM DAILY                           | JD                        | 284                       | 312     | -9.0%                     | 284    | 0.0%   |
| PJM DAYTON DA OFF-PEAK              | R7                        | 0                         | 0       | -                         | 0      | -      |
| PJM DAYTON DA PEAK                  | D7                        | 0                         | 0       | -                         | 0      | -      |
| PJM NI HUB 5MW REAL TIME            | B3                        | 0                         | 650     | -100.0%                   | 0      | -      |
| PJM NI HUB 5MW REAL TIME            | B6                        | 0                         | 11,690  | -100.0%                   | 0      | -      |
| PJM PECO ZONE5MW PEAK CAL MO DAY AH | 4N                        | 0                         | 0       | -                         | 0      | -      |
| PJM PSEG DA OFF-PEAK                | W6                        | 0                         | 0       | -                         | 0      | -      |
| PJM PSEG DA PEAK                    | L6                        | 0                         | 0       | -                         | 0      | -      |
| PJM WESTH DA OFF-PEAK               | E4                        | 0                         | 0       | -                         | 0      | -      |
| PJM WESTHDA PEAK                    | J4                        | 0                         | 0       | -                         | 0      | -      |
| PJM WESTH RT OFF-PEAK               | N9                        | 54,045                    | 233,980 | -76.9%                    | 71,325 | -24.2% |
| PJM WESTH RT PEAK                   | L1                        | 14,788                    | 26,455  | -44.1%                    | 17,770 | -16.8% |
| PLASTICS                            | PGP                       | 3,800                     | 2,264   | 67.8%                     | 3,533  | 7.6%   |

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

| Commodity                           |     | Open Interest<br>SEP 2022 | Open Interest<br>SEP 2021 | % CHG   | Open Interest<br>AUG 2022 | % CHG   |
|-------------------------------------|-----|---------------------------|---------------------------|---------|---------------------------|---------|
| <b>Energy Futures</b>               |     |                           |                           |         |                           |         |
| PREMIUM UNLND 10P FOB MED           | 3G  | 66                        | 0                         | -       | 81                        | -18.5%  |
| PROPANE NON-LDH MB (OPIS) BALMO SWP | 1S  | 650                       | 879                       | -26.1%  | 1,264                     | -48.6%  |
| PROPANE NON-LDH MT. BEL (OPIS) SWP  | 1R  | 33,938                    | 52,291                    | -35.1%  | 36,715                    | -7.6%   |
| RBOB CALENDAR SWAP                  | RL  | 10,847                    | 14,588                    | -25.6%  | 11,110                    | -2.4%   |
| RBOB CRACK SPREAD                   | RM  | 10,609                    | 12,042                    | -11.9%  | 11,585                    | -8.4%   |
| RBOB CRACK SPREAD BALMO S           | 1E  | 0                         | 0                         | -       | 0                         | -       |
| RBOB GASOLINE BALMO CLNDR           | 1D  | 370                       | 1,885                     | -80.4%  | 319                       | 16.0%   |
| RBOB PHY                            | MRB | 0                         | 0                         | -       | 0                         | -       |
| RBOB PHY                            | RBL | 0                         | 0                         | 0.0%    | 0                         | 0.0%    |
| RBOB VS HEATING OIL SWAP            | RH  | 315                       | 430                       | -26.7%  | 315                       | 0.0%    |
| SAN JUAN BASIS SWAP                 | NJ  | 0                         | 0                         | -       | 0                         | -       |
| SINGAPORE 180CST BALMO              | BS  | 0                         | 0                         | -       | 2                         | -100.0% |
| SINGAPORE 380CST BALMO              | BT  | 0                         | 10                        | -100.0% | 0                         | -       |
| SINGAPORE 380CST FUEL OIL           | SE  | 92                        | 321                       | -71.3%  | 105                       | -12.4%  |
| SINGAPORE FUEL 180CST CAL           | UA  | 0                         | 0                         | -       | 0                         | -       |
| SINGAPORE FUEL OIL 180 CS           | GMS | 0                         | 12                        | -100.0% | 0                         | -       |
| SINGAPORE FUEL OIL SPREAD           | SD  | 57                        | 0                         | -       | 39                        | 46.2%   |
| SINGAPORE GASOIL                    | MAF | 80                        | 591                       | -86.5%  | 566                       | -85.9%  |
| SINGAPORE GASOIL                    | MTB | 0                         | 0                         | -       | 10                        | -100.0% |
| SINGAPORE GASOIL                    | MTS | 465                       | 901                       | -48.4%  | 538                       | -13.6%  |
| SINGAPORE GASOIL                    | SBM | 0                         | 25                        | -100.0% | 0                         | -       |
| SINGAPORE GASOIL CALENDAR           | MSG | 95                        | 1,652                     | -94.2%  | 92                        | 3.3%    |
| SINGAPORE GASOIL SWAP               | SG  | 782                       | 2,656                     | -70.6%  | 978                       | -20.0%  |
| SINGAPORE GASOIL VS ICE             | GA  | 3,435                     | 5,111                     | -32.8%  | 3,720                     | -7.7%   |
| SINGAPORE JET KERO BALMO            | BX  | 0                         | 0                         | -       | 0                         | -       |
| SINGAPORE JET KERO GASOIL           | RK  | 2,939                     | 2,040                     | 44.1%   | 3,175                     | -7.4%   |
| SINGAPORE JET KEROSENE SW           | KS  | 0                         | 600                       | -100.0% | 0                         | -       |
| SINGAPORE MOGAS 92 UNLEADED BALMO   | 1P  | 0                         | 300                       | -100.0% | 0                         | -       |
| SINGAPORE MOGAS 92 UNLEADED SWP     | 1N  | 0                         | 1,567                     | -100.0% | 0                         | -       |
| Sumas Basis Swap                    | NK  | 0                         | 0                         | -       | 0                         | -       |
| TC2 ROTTERDAM TO USAC 37K           | TM  | 120                       | 15                        | 700.0%  | 90                        | 33.3%   |
| TC5 RAS TANURA TO YOKOHAM           | TH  | 244                       | 195                       | 25.1%   | 245                       | -0.4%   |
| TCO BASIS SWAP                      | TC  | 0                         | 0                         | -       | 0                         | -       |
| TD3 MEG TO JAPAN 250K MT            | TL  | 2,735                     | 5,310                     | -48.5%  | 3,030                     | -9.7%   |
| TEXAS EASTERN ZONE M-3 BA           | NX  | 0                         | 0                         | -       | 0                         | -       |
| TRANSCO ZONE4 BASIS SWAP            | TR  | 0                         | 0                         | -       | 0                         | -       |
| UK NBP NAT GAS CAL MTH FUT          | UKG | 0                         | 0                         | -       | 0                         | -       |
| ULSD UP-DOWN BALMO SWP              | 1L  | 1,630                     | 3,670                     | -55.6%  | 4,790                     | -66.0%  |
| UP DOWN GC ULSD VS NMX HO           | LT  | 25,716                    | 67,425                    | -61.9%  | 25,754                    | -0.1%   |
| WAHA BASIS                          | NW  | 0                         | 0                         | -       | 0                         | -       |
| WTI-BRENT BULLET SWAP               | BY  | 0                         | 0                         | -       | 0                         | -       |
| WTI-BRENT CALENDAR SWAP             | BK  | 110,969                   | 97,990                    | 13.2%   | 101,478                   | 9.4%    |
| WTI CALENDAR                        | CS  | 169,246                   | 151,765                   | 11.5%   | 155,758                   | 8.7%    |
| WTI MIDLAND CRUDE OIL               | WTL | 300                       | 840                       | -64.3%  | 0                         | -       |
| WTS (ARGUS) VS WTI SWAP             | FF  | 26,018                    | 44,430                    | -41.4%  | 24,646                    | 5.6%    |
| WTS (ARGUS) VS WTI TRD MT           | FH  | 4,460                     | 8,261                     | -46.0%  | 5,525                     | -19.3%  |
| <b>Energy Options</b>               |     |                           |                           |         |                           |         |
| BRENT CALENDAR SWAP                 | BA  | 2,076                     | 2,263                     | -8.3%   | 2,442                     | -15.0%  |
| BRENT CRUDE OIL 1 M CSO             | 9C  | 12,400                    | 155,700                   | -92.0%  | 12,500                    | -0.8%   |
| BRENT OIL LAST DAY                  | BE  | 46,649                    | 111,612                   | -58.2%  | 41,049                    | 13.6%   |
| BRENT OIL LAST DAY                  | BZO | 53,857                    | 58,003                    | -7.1%   | 53,238                    | 1.2%    |
| BRENT OIL LAST DAY                  | OS  | 0                         | 0                         | -       | 0                         | -       |

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

| Commodity                             |      | Open Interest<br>SEP 2022 | Open Interest<br>SEP 2021 | % CHG    | Open Interest<br>AUG 2022 | % CHG    |
|---------------------------------------|------|---------------------------|---------------------------|----------|---------------------------|----------|
| <b>Energy Options</b>                 |      |                           |                           |          |                           |          |
| COAL API2 INDEX                       | F2C  | 365                       | 880                       | -58.5%   | 365                       | 0.0%     |
| COAL API2 INDEX                       | F2Q  | 0                         | 100                       | -100.0%  | 0                         | -        |
| CRUDE OIL                             | 6Y   | 0                         | 0                         | -        | 0                         | -        |
| CRUDE OIL 1MO                         | WA   | 124,377                   | 306,110                   | -59.4%   | 133,232                   | -6.6%    |
| CRUDE OIL APO                         | AO   | 185,810                   | 226,570                   | -18.0%   | 204,303                   | -9.1%    |
| CRUDE OIL CALNDR STRIP                | 6F   | 0                         | 0                         | -        | 0                         | -        |
| CRUDE OIL OUTRIGHTS                   | ECCL | 0                         | 0                         | -        | 0                         | -        |
| CRUDE OIL PHY                         | CD   | 0                         | 0                         | -        | 0                         | -        |
| CRUDE OIL PHY                         | LC   | 71,377                    | 33,483                    | 113.2%   | 68,272                    | 4.5%     |
| CRUDE OIL PHY                         | LO   | 2,401,751                 | 2,180,292                 | 10.2%    | 2,194,197                 | 9.5%     |
| CRUDE OIL PHY                         | LO1  | 7,359                     | 15,351                    | -52.1%   | 14,709                    | -50.0%   |
| CRUDE OIL PHY                         | LO2  | 400                       | 4,536                     | -91.2%   | 3,992                     | -90.0%   |
| CRUDE OIL PHY                         | LO3  | 913                       | 0                         | -        | 72                        | 1,168.1% |
| CRUDE OIL PHY                         | LO4  | 0                         | 251                       | -100.0%  | 45                        | -100.0%  |
| CRUDE OIL PHY                         | LO5  | 0                         | 36                        | -100.0%  | 0                         | -        |
| CRUDE OIL PHY                         | MCO  | 4,945                     | 0                         | -        | 2,773                     | 78.3%    |
| CRUDE OIL PHY                         | MW1  | 102                       | 0                         | -        | 446                       | -77.1%   |
| CRUDE OIL PHY                         | MW2  | 0                         | 0                         | -        | 131                       | -100.0%  |
| CRUDE OIL PHY                         | MW3  | 0                         | 0                         | -        | 0                         | -        |
| CRUDE OIL PHY                         | MW4  | 0                         | 0                         | -        | 0                         | -        |
| CRUDE OIL PHY                         | MW5  | 0                         | 0                         | -        | 0                         | -        |
| ELEC FINSETTLED                       | PJN  | 0                         | 43                        | -100.0%  | 0                         | -        |
| ETHANOL SWAP                          | CVR  | 3,729                     | 5,888                     | -36.7%   | 3,501                     | 6.5%     |
| ETHANOL SWAP                          | GVR  | 0                         | 0                         | -        | 0                         | -        |
| FREIGHT MARKETS                       | FLO  | 30                        | 0                         | -        | 30                        | 0.0%     |
| HEATING OIL CRK SPD AVG PRICE OPTIONS | 3W   | 1,250                     | 4,215                     | -70.3%   | 1,500                     | -16.7%   |
| HEATING OIL PHY                       | FZ   | 0                         | 275                       | -100.0%  | 0                         | -        |
| HEATING OIL PHY                       | LB   | 0                         | 825                       | -100.0%  | 0                         | -        |
| HEATING OIL PHY                       | OH   | 18,464                    | 28,351                    | -34.9%   | 17,119                    | 7.9%     |
| HENRY HUB FINANCIAL LAST              | E7   | 23,522                    | 31,157                    | -24.5%   | 26,422                    | -11.0%   |
| HENRY HUB FINANCIAL LAST              | ECNG | 0                         | 0                         | -        | 0                         | -        |
| HO 1 MONTH CLNDR OPTIONS              | FA   | 1,100                     | 200                       | 450.0%   | 2,650                     | -58.5%   |
| LLS CRUDE OIL                         | HTO  | 1,200                     | 0                         | -        | 1,200                     | 0.0%     |
| LLS CRUDE OIL                         | WTO  | 4,800                     | 200                       | 2,300.0% | 3,750                     | 28.0%    |
| MCCLOSKEY ARA ARGS COAL               | MTO  | 80                        | 726                       | -89.0%   | 80                        | 0.0%     |
| MCCLOSKEY RCH BAY COAL                | MFO  | 0                         | 0                         | -        | 0                         | -        |
| NATURAL GAS                           | LN1  | 0                         | 0                         | -        | 318                       | -100.0%  |
| NATURAL GAS                           | LN2  | 0                         | 0                         | -        | 4                         | -100.0%  |
| NATURAL GAS                           | LN3  | 0                         | 0                         | -        | 0                         | -        |
| NATURAL GAS                           | LN4  | 0                         | 0                         | -        | 0                         | -        |
| NATURAL GAS                           | LN5  | 0                         | 0                         | -        | 0                         | -        |
| NATURAL GAS 1 M CSO FIN               | G4   | 140,798                   | 133,275                   | 5.6%     | 152,821                   | -7.9%    |
| NATURAL GAS 2 M CSO FIN               | G2   | 0                         | 16,200                    | -100.0%  | 0                         | -        |
| NATURAL GAS 3 M CSO FIN               | G3   | 200                       | 0                         | -        | 90,160                    | -99.8%   |
| NATURAL GAS 5 M CSO FIN               | G5   | 0                         | 0                         | -        | 0                         | -        |
| NATURAL GAS 6 M CSO FIN               | G6   | 9,000                     | 27,200                    | -66.9%   | 7,000                     | 28.6%    |
| NATURAL GAS OPT                       | JFO  | 0                         | 0                         | -        | 0                         | -        |
| NATURAL GAS OPT                       | JKO  | 100                       | 6,280                     | -98.4%   | 400                       | -75.0%   |
| NATURAL GAS OPT                       | TFO  | 0                         | 39,200                    | -100.0%  | 0                         | -        |
| NATURAL GAS OPTION ON CALENDAR STRP   | 6J   | 7,784                     | 47,384                    | -83.6%   | 7,784                     | 0.0%     |
| NATURAL GAS PHY                       | KD   | 0                         | 0                         | 0.0%     | 0                         | -        |
| NATURAL GAS PHY                       | LN   | 2,773,911                 | 2,504,976                 | 10.7%    | 3,021,111                 | -8.2%    |

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

| Commodity                 |     | Open Interest<br>SEP 2022 | Open Interest<br>SEP 2021 | % CHG   | Open Interest<br>AUG 2022 | % CHG   |
|---------------------------|-----|---------------------------|---------------------------|---------|---------------------------|---------|
| <b>Energy Options</b>     |     |                           |                           |         |                           |         |
| NATURAL GAS PHY           | ON  | 29,684                    | 73,799                    | -59.8%  | 38,842                    | -23.6%  |
| NATURAL GAS SUMMER STRIP  | 4D  | 0                         | 0                         | -       | 0                         | -       |
| NATURAL GAS WINTER STRIP  | 6I  | 0                         | 0                         | -       | 0                         | -       |
| N ROCKIES PIPE SWAP       | ZR  | 0                         | 0                         | -       | 0                         | -       |
| NY HARBOR HEAT OIL SWP    | AT  | 8,961                     | 7,725                     | 16.0%   | 8,420                     | 6.4%    |
| PETROCHEMICALS            | 4H  | 4,221                     | 7,974                     | -47.1%  | 4,491                     | -6.0%   |
| PETROCHEMICALS            | 4J  | 0                         | 1,315                     | -100.0% | 0                         | -       |
| PETROCHEMICALS            | 4K  | 0                         | 0                         | -       | 0                         | -       |
| PETROCHEMICALS            | CPR | 0                         | 30                        | -100.0% | 0                         | -       |
| PETRO OUTRIGHT EURO       | BCO | 0                         | 0                         | -       | 0                         | -       |
| PETRO OUTRIGHT NA         | 1N5 | 0                         | 0                         | -       | 0                         | -       |
| PETRO OUTRIGHT NA         | DAP | 560                       | 1,000                     | -44.0%  | 685                       | -18.2%  |
| PJM WES HUB PEAK CAL MTH  | 6OA | 180                       | 850                       | -78.8%  | 180                       | 0.0%    |
| PJM WES HUB PEAK LMP 50MW | PMA | 0                         | 88                        | -100.0% | 0                         | -       |
| RBOB 1MO CAL SPD OPTIONS  | ZA  | 0                         | 0                         | -       | 500                       | -100.0% |
| RBOB CALENDAR SWAP        | RA  | 520                       | 826                       | -37.0%  | 849                       | -38.8%  |
| RBOB PHY                  | OB  | 6,285                     | 10,875                    | -42.2%  | 7,610                     | -17.4%  |
| RBOB PHY                  | RF  | 60                        | 0                         | -       | 200                       | -70.0%  |
| SAN JUAN PIPE SWAP        | PJ  | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM                | U11 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM                | U12 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM                | U13 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM                | U14 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM                | U15 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM                | U22 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM                | U23 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM                | U24 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM                | U25 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM                | U26 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U01 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U02 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U03 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U04 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U05 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U06 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U07 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U08 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U09 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U10 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U16 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U17 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U18 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U19 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U20 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U21 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U27 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U28 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U29 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U30 | 0                         | 0                         | -       | 0                         | -       |
| SHORT TERM NATURAL GAS    | U31 | 0                         | 0                         | -       | 0                         | -       |
| WTI-BRENT BULLET SWAP     | BV  | 191,885                   | 220,575                   | -13.0%  | 195,910                   | -2.1%   |
| WTI CRUDE OIL 1 M CSO FI  | 7A  | 154,050                   | 103,700                   | 48.6%   | 169,350                   | -9.0%   |

**NYMEX/COMEX Exchange Open Interest Report - Monthly**

| Commodity                     |      | Open Interest<br>SEP 2022 | Open Interest<br>SEP 2021 | % CHG    | Open Interest<br>AUG 2022 | % CHG   |
|-------------------------------|------|---------------------------|---------------------------|----------|---------------------------|---------|
| <b>Metals Futures</b>         |      |                           |                           |          |                           |         |
| COMEX GOLD                    | GC   | 432,024                   | 487,410                   | -11.4%   | 459,407                   | -6.0%   |
| NYMEX HOT ROLLED STEEL        | HR   | 21,095                    | 41,655                    | -49.4%   | 26,274                    | -19.7%  |
| NYMEX PLATINUM                | PL   | 58,254                    | 61,910                    | -5.9%    | 72,520                    | -19.7%  |
| PALLADIUM                     | PA   | 6,480                     | 9,548                     | -32.1%   | 5,835                     | 11.1%   |
| URANIUM                       | UX   | 800                       | 960                       | -16.7%   | 800                       | 0.0%    |
| COMEX SILVER                  | SI   | 127,382                   | 140,479                   | -9.3%    | 136,972                   | -7.0%   |
| COMEX E-Mini GOLD             | QO   | 1,911                     | 1,893                     | 1.0%     | 1,972                     | -3.1%   |
| COMEX E-Mini SILVER           | QI   | 396                       | 661                       | -40.1%   | 439                       | -9.8%   |
| COMEX COPPER                  | HG   | 168,846                   | 183,473                   | -8.0%    | 158,561                   | 6.5%    |
| COMEX MINY COPPER             | QC   | 427                       | 561                       | -23.9%   | 301                       | 41.9%   |
| ALUMINUM                      | A38  | 0                         | 90                        | -100.0%  | 0                         | -       |
| ALUMINUM                      | AEP  | 6,950                     | 9,960                     | -30.2%   | 7,505                     | -7.4%   |
| ALUMINUM                      | ALA  | 1,070                     | 1,245                     | -14.1%   | 1,195                     | -10.5%  |
| ALUMINUM                      | ALI  | 897                       | 513                       | 74.9%    | 913                       | -1.8%   |
| ALUMINUM                      | AUP  | 30,642                    | 22,923                    | 33.7%    | 29,429                    | 4.1%    |
| ALUMINUM                      | CUP  | 0                         | 0                         | -        | 0                         | -       |
| ALUMINUM                      | EDP  | 18,443                    | 15,108                    | 22.1%    | 19,737                    | -6.6%   |
| ALUMINUM                      | MJP  | 2,188                     | 2,440                     | -10.3%   | 2,465                     | -11.2%  |
| COBALT METAL FUTURES          | COB  | 5,936                     | 1,837                     | 223.1%   | 5,173                     | 14.7%   |
| COPPER                        | HGS  | 13,197                    | 19,399                    | -32.0%   | 14,496                    | -9.0%   |
| COPPER                        | MHG  | 1,658                     | 0                         | -        | 1,055                     | 57.2%   |
| FERROUS PRODUCTS              | BUS  | 6,732                     | 4,348                     | 54.8%    | 6,877                     | -2.1%   |
| GOLD                          | 4GC  | 0                         | 0                         | -        | 0                         | -       |
| GOLD                          | SGC  | 492                       | 354                       | 39.0%    | 529                       | -7.0%   |
| GOLD                          | SGU  | 686                       | 627                       | 9.4%     | 554                       | 23.8%   |
| HOT ROLLED COIL STEEL FUTURES | EHR  | 6,570                     | 1,997                     | 229.0%   | 5,701                     | 15.2%   |
| IRON ORE 62 CHINA TSI FUTURES | TIO  | 0                         | 0                         | -        | 0                         | -       |
| IRON ORE CHINA                | TIO  | 3,678                     | 2,392                     | 53.8%    | 3,967                     | -7.3%   |
| METALS                        | HDG  | 283                       | 100                       | 183.0%   | 320                       | -11.6%  |
| METALS                        | LTH  | 24                        | 5                         | 380.0%   | 0                         | -       |
| METALS                        | PAC  | 0                         | 0                         | -        | 100                       | -100.0% |
| MICRO GOLD                    | MGC  | 29,614                    | 32,027                    | -7.5%    | 23,329                    | 26.9%   |
| SILVER                        | SIL  | 6,052                     | 6,034                     | 0.3%     | 7,916                     | -23.5%  |
| <b>Metals Options</b>         |      |                           |                           |          |                           |         |
| ALUMINUM                      | ALO  | 0                         | 1,850                     | -100.0%  | 0                         | -       |
| ALUMINUM                      | AX   | 12                        | 0                         | -        | 0                         | -       |
| COMEX COPPER                  | HX   | 71,606                    | 68,197                    | 5.0%     | 71,828                    | -0.3%   |
| COMEX GOLD                    | ECGC | 0                         | 0                         | -        | 0                         | -       |
| COMEX GOLD                    | OG   | 795,889                   | 745,900                   | 6.7%     | 772,160                   | 3.1%    |
| COMEX SILVER                  | ECSI | 0                         | 0                         | -        | 0                         | -       |
| COMEX SILVER                  | SO   | 113,269                   | 104,148                   | 8.8%     | 85,204                    | 32.9%   |
| COPPER                        | ECHG | 0                         | 0                         | -        | 0                         | -       |
| COPPER                        | H1E  | 43                        | 1                         | 4,200.0% | 130                       | -66.9%  |
| COPPER                        | H1M  | 537                       | 0                         | -        | 0                         | -       |
| COPPER                        | H1W  | 54                        | 0                         | -        | 286                       | -81.1%  |
| COPPER                        | H2E  | 21                        | 1                         | 2,000.0% | 27                        | -22.2%  |
| COPPER                        | H2M  | 26                        | 0                         | -        | 19                        | 36.8%   |
| COPPER                        | H2W  | 3                         | 0                         | -        | 26                        | -88.5%  |
| COPPER                        | H3E  | 9                         | 1                         | 800.0%   | 5                         | 80.0%   |
| COPPER                        | H3M  | 11                        | 0                         | -        | 22                        | -50.0%  |
| COPPER                        | H3W  | 0                         | 0                         | -        | 2                         | -100.0% |



## NYMEX/COMEX Exchange Open Interest Report - Monthly

| Commodity                         | Open Interest<br>SEP 2022 | Open Interest<br>SEP 2021 | % CHG   | Open Interest<br>AUG 2022 | % CHG     |
|-----------------------------------|---------------------------|---------------------------|---------|---------------------------|-----------|
| <b>Metals Options</b>             |                           |                           |         |                           |           |
| COPPER                            | 0                         | 0                         | -       | 81                        | -100.0%   |
| COPPER                            | 0                         | 0                         | -       | 35                        | -100.0%   |
| COPPER                            | 0                         | 0                         | -       | 0                         | -         |
| COPPER                            | 0                         | 0                         | -       | 0                         | -         |
| COPPER                            | 0                         | 0                         | -       | 0                         | -         |
| COPPER                            | 0                         | 0                         | -       | 0                         | 0.0%      |
| GOLD                              | 6,489                     | 0                         | -       | 64                        | 10,039.1% |
| GOLD                              | 1,400                     | 0                         | -       | 3,199                     | -56.2%    |
| GOLD                              | 2,423                     | 0                         | -       | 1,453                     | 66.8%     |
| GOLD                              | 940                       | 0                         | -       | 392                       | 139.8%    |
| GOLD                              | 522                       | 0                         | -       | 492                       | 6.1%      |
| GOLD                              | 88                        | 0                         | -       | 157                       | -43.9%    |
| GOLD                              | 156                       | 0                         | -       | 293                       | -46.8%    |
| GOLD                              | 0                         | 0                         | -       | 0                         | -         |
| GOLD                              | 0                         | 0                         | -       | 0                         | -         |
| GOLD                              | 0                         | 0                         | -       | 0                         | 0.0%      |
| GOLD                              | 9,212                     | 15,986                    | -42.4%  | 15,746                    | -41.5%    |
| GOLD                              | 2,924                     | 9,145                     | -68.0%  | 6,217                     | -53.0%    |
| GOLD                              | 462                       | 3,387                     | -86.4%  | 1,634                     | -71.7%    |
| GOLD                              | 0                         | 413                       | -100.0% | 110                       | -100.0%   |
| GOLD                              | 0                         | 0                         | -       | 0                         | -         |
| HOT ROLLED COIL STEEL CALL OPTION | 0                         | 0                         | -       | 0                         | -         |
| HOT ROLLED COIL STEEL PUT OPTION  | 0                         | 0                         | -       | 0                         | -         |
| IRON ORE 62 CHINA TSI CALL OPTION | 0                         | 0                         | -       | 0                         | -         |
| IRON ORE 62 CHINA TSI PUT OPTION  | 0                         | 0                         | -       | 0                         | -         |
| IRON ORE CHINA                    | 300                       | 1,624                     | -81.5%  | 300                       | 0.0%      |
| NYMEX HOT ROLLED STEEL            | 3,704                     | 1,555                     | 138.2%  | 4,419                     | -16.2%    |
| NYMEX PLATINUM                    | 2,491                     | 11,060                    | -77.5%  | 8,064                     | -69.1%    |
| PALLADIUM                         | 1                         | 731                       | -99.9%  | 11                        | -90.9%    |
| SILVER                            | 138                       | 0                         | -       | 0                         | -         |
| SILVER                            | 89                        | 0                         | -       | 56                        | 58.9%     |
| SILVER                            | 10                        | 0                         | -       | 53                        | -81.1%    |
| SILVER                            | 0                         | 0                         | -       | 35                        | -100.0%   |
| SILVER                            | 0                         | 0                         | -       | 0                         | -         |
| SILVER                            | 1,517                     | 1,451                     | 4.5%    | 1,609                     | -5.7%     |
| SILVER                            | 121                       | 936                       | -87.1%  | 560                       | -78.4%    |
| SILVER                            | 129                       | 475                       | -72.8%  | 173                       | -25.4%    |
| SILVER                            | 0                         | 19                        | -100.0% | 10                        | -100.0%   |
| SILVER                            | 0                         | 0                         | -       | 0                         | -         |
| SILVER                            | 207                       | 0                         | -       | 187                       | 10.7%     |
| SILVER                            | 172                       | 0                         | -       | 2                         | 8,500.0%  |
| SILVER                            | 2                         | 0                         | -       | 39                        | -94.9%    |
| SILVER                            | 0                         | 0                         | -       | 0                         | -         |
| SILVER                            | 0                         | 0                         | -       | 0                         | 0.0%      |



## NYMEX/COMEX Exchange Open Interest Report - Monthly

| Commodity                  | Open Interest<br>SEP 2022 | Open Interest<br>SEP 2021 | % CHG         | Open Interest<br>AUG 2022 | % CHG        |
|----------------------------|---------------------------|---------------------------|---------------|---------------------------|--------------|
| <b>TOTAL FUTURES GROUP</b> |                           |                           |               |                           |              |
| Ag Products Futures        | 0                         | 0                         | -             | 0                         | -            |
| Energy Futures             | 5,948,419                 | 7,761,716                 | -23.4%        | 5,889,002                 | 1.0%         |
| Metals Futures             | 952,727                   | 1,049,949                 | -9.3%         | 994,342                   | -4.2%        |
| <b>TOTAL FUTURES</b>       | <b>6,901,146</b>          | <b>8,811,665</b>          | <b>-21.7%</b> | <b>6,883,344</b>          | <b>0.3%</b>  |
| <b>TOTAL OPTIONS GROUP</b> |                           |                           |               |                           |              |
| Energy Options             | 6,294,755                 | 6,370,339                 | -1.2%         | 6,494,653                 | -3.1%        |
| Metals Options             | 1,014,977                 | 966,880                   | 5.0%          | 975,100                   | 4.1%         |
| <b>TOTAL OPTIONS</b>       | <b>7,309,732</b>          | <b>7,337,219</b>          | <b>-0.4%</b>  | <b>7,469,753</b>          | <b>-2.1%</b> |
| <b>TOTAL COMBINED</b>      |                           |                           |               |                           |              |
| Ag Products                | 0                         | 0                         | -             | 0                         | -            |
| Energy                     | 12,243,174                | 14,132,055                | -13.4%        | 12,383,655                | -1.1%        |
| Metals                     | 1,967,704                 | 2,016,829                 | -2.4%         | 1,969,442                 | -0.1%        |
| <b>GRAND TOTAL</b>         | <b>14,210,878</b>         | <b>16,148,884</b>         | <b>-12.0%</b> | <b>14,353,097</b>         | <b>-1.0%</b> |