



Derivatives Price Data Inventory

October 25, 2018

COMMODITY INDEXES

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES | | CASH | | OPTIONS |
|--------|-------------------------------------|----------|------------|-------|-------------|------------|
| | | EXCHANGE | Start Date | BASIS | Start Date | Start Date |
| B5 | CRB (BLS) Fats & Oils Sub-Index | | | CRB | 01/07/1947* | |
| B4 | CRB (BLS) Foodstuffs Sub-Index | | | CRB | 01/07/1947* | |
| B6 | CRB (BLS) Livestock Sub-Index | | | CRB | 01/07/1947* | |
| B1 | CRB (BLS) Metals Sub-Index | | | CRB | 01/07/1947* | |
| B3 | CRB (BLS) Raw Industrials Sub-Index | | | CRB | 01/07/1947* | |
| B7 | CRB (BLS) Spot Index | | | CRB | 01/07/1947* | |
| B2 | CRB (BLS) Textiles Sub-Index | | | CRB | 01/07/1947* | |
| UQ | Crude Oil Volatility Index | CME | 10/18/2010 | CME | 10/18/2010 | |
| CX | CME\$Index | CME | 03/03/2003 | | | |
| AH | Bloomberg Commodity Index | CBOT | 10/02/2006 | DOW | 10/03/1993 | |
| FR | Bloomberg Agricultural Index | EUREX | 08/31/2009 | | | |
| FP | Bloomberg Commodity Index | EUREX | 08/31/2009 | | | |
| FU | Bloomberg Energy Index | EUREX | 08/31/2009 | | | |
| GD | Bloomberg Industrial Index | EUREX | 08/31/2009 | | | |
| SH | Bloomberg Ex Energy | EUREX | 10/29/2010 | | | |
| DV | Bloomberg Grains | EUREX | 10/29/2010 | | | |
| E6 | Bloomberg Livestock | EUREX | 10/29/2010 | | | |
| E7 | Bloomberg Petroleum | EUREX | 10/29/2010 | | | |
| E8 | Bloomberg Precious Metals | EUREX | 10/29/2010 | | | |
| E9 | Bloomberg Softs | EUREX | 10/29/2010 | | | |
| MR | Eurex Skimmed Milk Powder Index | EUREX | 11/26/2010 | | | |
| FH | Eurex EPP Index | EUREX | 08/04/2009 | | | |
| FK | Eurex Hog Index | EUREX | 08/04/2009 | | | |
| FL | Eurex Piglet Index | EUREX | 08/04/2009 | | | |
| UB | Gold Volatility Index | CME | 10/18/2010 | CME | 10/18/2010 | |
| G1 | GSCI Agricultural Sub-Index | | | CME | 12/31/1969* | |
| G2 | GSCI Energy Sub-Index | | | CME | 12/31/1982* | |
| G3 | GSCI Industrial Metals Sub-Index | | | CME | 12/31/1976* | |
| G4 | GSCI Livestock Sub-Index | | | CME | 01/01/1970* | |
| G5 | GSCI Precious Metals Sub-Index | | | CME | 01/01/1973* | |
| G6 | GSCI Total Return Index | | | CME | 03/21/1994 | |
| G7 | GSCI Excess Index | | | CME | 01/01/1990 | |
| NW | Liquid Milk Index | EUREX | 08/23/2018 | | | |
| IV | National Corn Index | MGEX | 02/15/2002 | MGEX | 02/15/2002 | 2/15/2002+ |
| IZ | National Soybeans Index | MGEX | 02/15/2002 | MGEX | 02/15/2002 | |
| ZD | Argus Sour Crude Index | ICE | 12/08/2009 | | | |
| 8S | Sugar Crystal Index | | | BMF | 05/20/2003 | |

CURRENCIES (1/3)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|---|------------------|--------------------|------------|-----------------|--------------------|
| P2 | Australian Dollar / Brazilian Real | BMF | 07/16/2014 | | | |
| AN | Australian Dollar / Canadian Dollar | ICE | 05/12/2000 | FOREX | 06/07/1996 | |
| XL | Australian Dollar / Canadian Dollar | CME | 05/15/2002 | | | |
| AJ | Australian Dollar / Japanese Yen | ICE | 05/14/1999 | FOREX | 05/23/1988 | |
| XN | Australian Dollar / Japanese Yen | CME | 05/15/2002 | | | |
| AK | Australian Dollar / New Zealand Dollar | ICE | 05/14/1999 | FOREX | 08/08/1989 | |
| XM | Australian Dollar / New Zealand Dollar | CME | 05/15/2002 | | | |
| J9 | Australian Dollar / Singapore Dollar | | | FOREX | 12/04/2006 | |
| AD | Australian Dollar / U.S. Dollar | CME | 01/13/1987 | FOREX | 01/04/1971* | 01/11/1988+ |
| AU | Australian Dollar / U.S. Dollar | ICE | 12/03/1997 | FOREX | 10/01/2001 | |
| MG | E-Micro Australian Dollar / U.S. Dollar | CME | 03/23/2009 | | | |
| GT | Bitcoin CBOE Futures | CFE | 12/19/2017 | | | |
| GV | Bitcoin CME Futures | CME | 12/19/2017 | | | |
| BE | Brazilian Real / U.S. Dollar | CME | 11/08/1995 | FOREX | 07/19/1994 | 11/15/1995+ |
| PV | British Pound / Australian Dollar | ICE | 07/31/2006 | FOREX | 12/04/2006 | |
| J8 | British Pound / Indian Rupee | | | FOREX | 12/04/2006 | |
| U4 | British Pound / Indian Rupee | MSE | | | | |
| PJ | British Pound / Japanese Yen | ICE | 12/03/1997 | FOREX | 05/23/1988 | |
| XQ | British Pound / Japanese Yen | CME | 05/15/2002 | | | |
| GN | British Pound / New Zealand Dollar | ICE | 07/31/2006 | FOREX | 12/04/2006 | |
| PK | British Pound / Norwegian Krone | ICE | 07/31/2006 | | | |
| PX | British Pound / South African Rand | ICE | 07/31/2006 | | | |
| PZ | British Pound / Swedish Krona | ICE | 07/31/2006 | | | |
| YO | British Pound / Swiss Franc | ICE | 12/03/1997 | FOREX | 05/23/1988 | |
| XP | British Pound / Swiss Franc | CME | 05/15/2002 | FOREX | 05/23/1988 | |
| BP | British Pound / U.S. Dollar | CME | 05/16/1972 | FOREX | 01/04/1971* | 02/25/1985+ |
| YL | British Pound / U.S. Dollar | ICE | 12/09/1994 | | | |
| MO | E-Micro British Pound / U.S. Dollar | CME | 03/23/2009 | | | |
| CP | Canadian Dollar / British Pound | ICE | 07/31/2006 | FOREX | 09/16/2002 | |
| CJ | Canadian Dollar / Japanese Yen | ICE | 05/12/2000 | FOREX | 06/02/1988 | |
| XK | Canadian Dollar / Japanese Yen | CME | 05/15/2002 | | | |
| CD | Canadian Dollar / U.S. Dollar | CME | 05/16/1972 | FOREX | 01/04/1971* | 06/18/1986+ |
| JF | Canadian Dollar / U.S. Dollar | ICE | 09/26/2011 | | | |
| 4Z | Canadian Dollar / Brazilian Real | BMF | 01/02/2014 | | | |
| 4Y | Chilean Peso / Brazilian Real | BMF | 01/02/2014 | | | |
| 4N | Chilean Peso / U.S. Dollar | CME | 02/10/2017 | | | |
| NJ | Chilean Peso | CME | 12/08/2014 | | | |
| N6 | Chinese Renminbi USD Banking | CME | 10/20/2011 | | | |
| CY | Chinese Yuan / U.S. Dollar | | | FOREX | 01/02/1981 | |
| P9 | ICE Onshore Chinese Renminbi / U.S. Dollar | ICE | 12/08/2015 | | | |
| P0 | ICE Offshore U.S. Dollar / Chinese Renminbi | ICE | 12/08/2015 | | | |
| CX | CME Dow Jones Dollar Index | CME | 03/03/2003 | | | |
| WD | Czech Koruna | CME | 07/12/2004 | | | |
| DM | Deutsche Mark | CME | 05/16/1972 | FOREX | 07/31/1946 | |
| EX | Euro Index | ICE | 01/13/2006 | ICE | 01/01/2002 | |
| EA | Euro / Australian Dollar | ICE | 05/08/2000 | FOREX | 12/10/1996 | |
| XI | Euro / Australian Dollar | CME | 05/15/2002 | | | |
| P3 | Euro / Brazilian Real | BMF | 07/16/2014 | | | |
| RP | Euro / British Pound | CME | 01/11/1999 | FOREX | 12/10/1996 | |
| GB | Euro / British Pound | ICE | 12/11/1998 | | | |
| BQ | Euro / British Pound | ICE | | E.C.B. | 01/04/1999 | |
| UV | Euro / Canadian Dollar | ICE | 12/10/1999 | FOREX | 01/02/1975* | |
| XJ | Euro / Canadian Dollar | CME | 05/15/2002 | | | |
| UC | Euro / Czech Koruna | ICE | 09/19/2003 | FOREX | 12/02/2002 | |
| WE | Euro / Czech Koruna | CME | 07/12/2004 | | | |
| UD | Euro / Danish Krone | | | FOREX | 02/23/1995 | |
| EH | Euro / Hong Kong Dollar | | | FOREX | 05/23/1988 | |
| UH | Euro / Hungarian Forint | ICE | 09/19/2003 | FOREX | 12/02/2002 | |
| WU | Euro / Hungarian Forint | CME | 07/12/2004 | | | |
| UO | Euro / Icelandic Krona | | | FOREX | 04/04/2008 | |
| UI | Euro / Indian Rupee | | | FOREX | 12/10/1996 | |
| T3 | Euro / Indian Rupee | MSE | 03/05/2010 | | | |
| UE | Euro / Israeli Shekel | | | FOREX | 04/04/2008 | |
| EL | Euro / Israeli Shekel | | | FOREX | 01/04/1999 | |
| RY | Euro / Japanese Yen | CME | 01/11/1999 | FOREX | 01/02/1975* | |
| EJ | Euro / Japanese Yen | ICE | 11/20/1998 | | | |
| EW | Euro / Korean Won | | | FOREX | 12/10/1996 | |
| M9 | Euro / Malaysian Ringgit | | | FOREX | 04/17/2008 | |
| EE | Euro / Mexican Peso | | | FOREX | 07/11/1994 | |
| UJ | Euro / New Zealand Dollar | | 05/14/1999 | FOREX | 12/10/1996 | |

CURRENCIES (2/3)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|-------------------------------------|------------------|--------------------|------------|-----------------|--------------------|
| UN | Euro / Norwegian Krone | ICE | 05/14/1999 | FOREX | 12/10/1996 | |
| XH | Euro / Norwegian Krone | CME | 05/15/2002 | | | |
| EK | Euro / Philippine Peso | | | FOREX | 01/20/1999 | |
| UP | Euro / Polish Zloty | | | FOREX | 01/04/1999 | |
| WZ | Euro / Polish Zloty | CME | 07/12/2004 | FOREX | 06/19/2009 | |
| UR | Euro / Russian Ruble | | | FOREX | 01/04/1999 | |
| EG | Euro / Singapore Dollar | | | FOREX | 05/23/1988 | |
| UK | Euro / Slovak Koruna | | | FOREX | 01/05/1999 | |
| PY | Euro / South African Rand | ICE | 07/31/2006 | | | |
| H. | Euro / South African Rand | SAFEX | 07/18/2016 | | | |
| RK | Euro / Swedish Krona | ICE | 11/20/1998 | FOREX | 12/10/1996 | |
| XG | Euro / Swedish Krona | CME | 05/15/2002 | | | |
| RF | Euro / Swiss Franc | CME | 01/11/1999 | FOREX | 01/02/1975* | |
| RZ | Euro / Swiss Franc | ICE | 11/20/1998 | | | |
| EQ | Euro / Thailand Baht | | | FOREX | 12/10/1996 | |
| UT | Euro / Turkish Lira | | | FOREX | 12/02/2002 | |
| EU | Euro / U.S. Dollar | ICE | 09/98 - 12/07* | FOREX | 01/05/1979* | 04/92-12/07*+ |
| EV | Euro / U.S. Dollar | | | E.C.B. | 01/04/1999 | |
| MP | E-Micro Euro / U.S. Dollar | CME | 03/23/2009 | | | |
| EC | Euro FX | CME | 05/20/1998 | FOREX | 03/30/1972* | |
| TW | Topix Yen Futures | CME | 02/16/2018 | | | |
| MF | E-mini Euro FX | CME | 10/08/1999 | | | |
| WH | Hungarian Forint | CME | 07/12/2004 | | | |
| R1 | Indian Rupee / U.S. Dollar | CME | 04/10/2013 | | | |
| A2 | Indian Rupee / U.S. Dollar | DGCX | 03/31/2014 | | | |
| R0 | E-micro Indian Rupee / U.S. Dollar | CME | 04/10/2013 | | | |
| 8P | Indian Rupee / U.S. Dollar | SGX | 11/02/2015 | | | |
| WY | Israeli Shekel | CME | 05/08/2006 | FOREX | 05/08/2006 | |
| 4X | Japanese Yen / Brazilian Real | BMF | 01/02/2014 | | | |
| U5 | Japanese Yen / Indian Rupee | MSE | 03/05/2010 | | | |
| JY | Japanese Yen / U.S. Dollar | CME | 05/16/1972 | FOREX | 01/04/1971* | 03/05/1986+ |
| JZ | Japanese Yen X100 / U.S. Dollar | CME | 02/03/2015 | | | |
| JL | Japanese Yen / U.S. Dollar | ICE | 09/26/2011 | | | |
| MJ | Japanese Yen / U.S. Dollar, E-Mini | CME | 10/08/1999 | | | |
| WV | Korean Won | CME | 09/01/2006 | | | |
| 4W | Mexican Peso / Brazilian Real | BMF | 01/02/2014 | | | |
| NP | Mexican Peso / U.S. Dollar | CME | 04/25/1995 | | | |
| 4M | Mexican Peso X100 / U.S. Dollar | CME | 03/05/2015 | | | |
| 4S | New Zealand Dollar / Brazilian Real | BMF | 01/02/2014 | | | |
| KZ | New Zealand Dollar / Japanese Yen | ICE | 07/31/2006 | | | |
| NE | New Zealand Dollar / U.S. Dollar | CME | 05/07/1997 | FOREX | 01/04/1971* | |
| ZX | New Zealand Dollar / U.S. Dollar | ICE | 05/01/1997 | ICE | 08/03/1987* | |
| XF | Norwegian Krone | CME | 05/15/2002 | FOREX | 06/19/2009* | |
| KY | Norwegian Krone / Japanese Yen | ICE | 07/31/2006 | | | |
| N8 | Norwegian Krone / Swedish Krona | | | FOREX | 12/04/2006 | |
| R7 | Offshore Renminbi | CME | 04/10/2013 | | | |
| R8 | E-micro Offshore Renminbi | CME | 04/10/2013 | | | |
| WP | Polish Zloty | CME | 07/12/2004 | FOREX | 06/22/2006 | |
| 4V | Pound Sterling / Brazilian Real | BMF | 01/02/2014 | | | |
| QS | Renminbi / Euro | CME | 08/28/2006 | | | |
| QV | Renminbi / Yen | CME | 08/28/2006 | | | |
| RU | Russian Ruble / U.S. Dollar | CME | 04/21/1998 | FOREX | 04/11/2000 | |
| 35 | Singapore Dollar / Chinese Yuan | | | FOREX | 09/04/2008 | |
| ZA | South African Rand / U.S. Dollar | CME | 05/07/1997 | | 01/04/1971 | |
| 4R | South African Rand / Brazilian Real | BMF | 10/10/2014 | | | |
| XB | Swedish Krona | CME | 05/15/2002 | | | |
| W5 | Swiss Franc / Swedish Krone | | | FOREX | 10/29/2010 | |
| KJ | Swedish Krona / Japanese Yen | ICE | 07/31/2006 | | | |
| 4U | Swiss Franc / Brazilian Real | BMF | 01/02/2014 | | | |
| ZY | Swiss Franc / Japanese Yen | ICE | 11/20/1998 | FOREX | 05/23/1988 | |
| XR | Swiss Franc / Japanese Yen | CME | 05/15/2002 | | | |
| SF | Swiss Franc / U.S. Dollar | CME | 05/16/1972 | FOREX | 01/04/1971* | 02/25/1985+ |
| JK | Swiss Franc / U.S. Dollar | ICE | 09/26/2011 | | | |
| TH | Thailand Baht / U.S. Dollar | | | FOREX | 01/02/1981* | |
| S. | Thailand 50 Baht Gold | TFEX | 11/02/2015 | | | |
| T. | Thailand 10 Baht Gold | TFEX | 11/02/2015 | | | |
| 4T | Turkish Lira / Brazilian Real | BMF | 01/02/2014 | | | |
| H9 | Turkish Lira / Euro FX | ICE-US | 06/26/2015 | | | |
| HC | Turkish Lira / U.S. Dollar | ICE-US | 06/26/2015 | | | |
| WA | Turkish Lira / U.S. Dollar | CME | 09/10/2018 | | | |

CURRENCIES (3/3)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|--|------------------|--------------------|------------|-----------------|--------------------|
| QB | Turkish Lira / U.S. Dollar | TurkDex | 09/13/2013 | | | |
| QD | Turkish Lira / Euro | TurkDex | 02/28/2014 | | | |
| R6 | U.S. Dollar / Algerian Dinar | | | FOREX | 06/19/2009 | |
| 2E | U.S. Dollar / Arab Emirates Dinar | | | FOREX | 06/23/2015 | |
| AA | U.S. Dollar / Argentine Peso | ROFEX | 01/04/2004 | ROFEX | 01/04/2004 | |
| VD | U.S. Dollar / Brazilian Real | BMF | 05/22/2006 | | | |
| H8 | U.S. Dollar / Brazilian Real | ICE | 04/10/2013 | | | |
| Z3 | U.S. Dollar / Bulgarian Lev | | | FOREX | 06/19/2009 | |
| YH | U.S. Dollar / Canadian Dollar | | | FOREX | 3/30/1972* | |
| 1C | U.S. Dollar / Canadian Dollar NF | | | BOC | 01/02/1990 | |
| MM | E-Micro U.S. Dollar / Canadian Dollar | CME | 03/23/2009 | | | |
| Z8 | U.S. Dollar / Chilean Peso | | | FOREX | 01/08/2010 | |
| HR | U.S. Dollar / Chinese Offshore (CNH) | HKFE | 05/16/2013 | | | |
| 34 | U.S. Dollar / Chinese Yuan | | | FOREX | 11/09/2005 | |
| H5 | U.S. Dollar / Colombian Peso | ICE | 01/03/2012 | | | |
| Z4 | U.S. Dollar / Colombian Peso | | | FOREX | 11/03/2008 | |
| UZ | U.S. Dollar / Czech Koruna | ICE | 09/19/2003 | FOREX | 09/19/2003 | |
| DK | U.S. Dollar / Danish Krone | | | FOREX | 05/23/1988* | |
| M8 | U.S. Dollar / Egyptian Pound | | | FOREX | 03/11/2010 | |
| U. | U.S. Dollar / South African Rand (ZAR) | SAFEX | 02/26/2016 | | | |
| G. | Great British Pound / South African Rand (ZAR) | SAFEX | 02/26/2016 | | | |
| R4 | U.S. Dollar / Estonian Kroon | | | FOREX | 06/05/2009 | |
| E3 | U.S. Dollar / Guatemalan Quezal | | | FOREX | 01/19/2009 | |
| J6 | U.S. Dollar / Honduras Lempira | | | FOREX | 02/13/2009 | |
| HD | U.S. Dollar / Hong Kong Dollar | | | FOREX | 01/02/1981 | |
| UW | U.S. Dollar / Hungarian Forint | ICE | 09/19/2003 | FOREX | 09/19/2003 | |
| UM | U.S. Dollar / Icelandic Krona | | | FOREX | 04/04/2008 | |
| IU | U.S. Dollar / Indian Rupee | | | FOREX | 01/02/1973 | |
| U0 | U.S. Dollar / Indian Rupee | MSE | | | | |
| H6 | U.S. Dollar / Indian Rupee | ICE | 04/10/2013 | | | |
| ID | U.S. Dollar / Indonesian Rupiah | | | FOREX | 07/13/1994 | |
| R5 | U.S. Dollar / Iran Rial | | | FOREX | 11/24/2009 | |
| YJ | U.S. Dollar / Japanese Yen | ICE | 12/09/1994 | ICE | 3/30/1972* | |
| ML | E-Micro U.S. Dollar / Japanese Yen | CME | 03/23/2009 | FOREX | | |
| KD | U.S. Dollar / Korean Won | KSE | 04/26/2005 | | | |
| KO | U.S. Dollar / Korean Won | | | FOREX | 04/01/1988 | |
| R9 | U.S. Dollar / Latvian Lat | | | FOREX | 06/05/2009 | |
| MA | U.S. Dollar / Malaysian Ringgit | | | FOREX | 01/04/1971* | |
| PM | U.S. Dollar / Mexican Peso | | | FOREX | 07/11/1994 | |
| H4 | U.S. Dollar / Mexican Peso | ICE | 04/10/2013 | | | |
| 8Q | U.S. Dollar / Polish Zloty | | | FOREX | 06/22/2006 | |
| 8R | U.S. Dollar / Russian Ruble | | | FOREX | 04/11/2000 | |
| T4 | U.S. Dollar / Moroccan Dirham | | | FOREX | 03/17/2010 | |
| E4 | U.S. Dollar / Nicaraguan Cordoba | | | FOREX | 01/19/2009 | |
| 38 | U.S. Dollar / Nigerian Naira | | | FOREX | 09/13/2016 | |
| NC | U.S. Dollar / Norwegian Krone | ICE | 05/12/2000 | FOREX | 05/24/1988 | |
| N9 | U.S. Dollar / Pakistan Rupee | | | FOREX | 12/04/2006 | |
| E0 | U.S. Dollar / Peruvian New Sol | | | FOREX | 01/19/2009 | |
| G8 | U.S. Dollar / Phillipine Peso | | | FOREX | 01/19/2009 | |
| Z6 | U.S. Dollar / Romanian Leu | | | FOREX | 11/18/2008 | |
| SR | U.S. Dollar / Singapore Dollar | | | FOREX | 01/02/1981* | |
| ZR | U.S. Dollar / South African Rand | ICE | 12/03/1997 | FOREX | 07/11/1994 | |
| SK | U.S. Dollar / Swedish Krona | ICE | 05/12/2000 | FOREX | 01/04/1971 | |
| YF | U.S. Dollar / Swiss Franc | ICE | 12/09/1994 | ICE | 03/30/1972* | |
| MN | E-Micro U.S. Dollar / Swiss Franc | CME | 03/23/2009 | | | |
| TF | U.S. Dollar / Taiwan Dollar | | | FOREX | 10/03/1983 | |
| WT | U.S. Dollar / Turkish Lira | | | FOREX | 06/22/2005 | |
| 33 | U.S. Dollar / Turkish New Lira | | | FOREX | 11/24/2014 | |
| Z5 | U.S. Dollar / Ukrainian Hryvnia | | | FOREX | 06/04/2010 | |
| 39 | U.S. Dollar / Uruguay Peso | | | FOREX | 09/13/2016 | |
| J5 | U.S. Dollar / Venezuelan Bolivar | | | FOREX | 02/13/2009 | |
| G0 | U.S. Dollar / Vietnamese Dong | | | FOREX | 01/19/2009 | |
| DX | U.S. Dollar Index | ICE | 11/20/1985 | ICE | 01/04/1971* | 06/18/1991+ |
| 4Q | U.S. Dollar Mini | BMF | 07/18/2016 | | | |

ECONOMIC INDICATORS

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|--|------------------|--------------------|------------|-----------------|--------------------|
| 60 | US Gross Domestic Product | | | FRB | 03/31/1947 | |
| 61 | US Gross Federal Debt | | | FRB | 06/30/1916 | |
| 62 | US Federal Surplus Or Deficit | | | FRB | 06/28/1901 | |
| 63 | US Retail Sales Except Autos | | | FRB | 01/31/1967 | |
| 64 | US International Trade Balance | | | FRB | 01/31/1992 | |
| 65 | ISM Manufacturing: PMI Index | | | FRB | 01/30/1948 | |
| 66 | Eurozone HICP Inflation Index | | | FRB | 01/31/1996 | |
| 68 | US Non-Farm Payrolls | | | FRB | 01/31/1939 | |
| 69 | US Initial Jobless Claims | | | FRB | 12/31/1999 | |
| 81 | Consumer Price Index (1982-84=100) NSA | | | FRB | 01/31/1946* | |
| 82 | Consumer Price Index (1982-84=100) SA | | | FRB | 01/31/1947* | |
| 83 | Producer Price Index (1982-84=100) NSA | | | FRB | 01/31/1946* | |
| 84 | PPI: Finished Goods (1982=100) SA | | | FRB | 04/30/1947 | |
| 85 | Average Hourly Earnings, U.S. | | | FRB | 01/31/1964 | |
| 86 | Civilian Labor Force, U.S. | | | FRB | 01/30/1948 | |
| 87 | Unemployed: 16YRS+, U.S. | | | FRB | 01/30/1948 | |
| 88 | Unemployment Rate, U.S. | | | BLS | 01/30/1948+ | |
| 89 | Housing Starts, U.S. (SAAR) | | | FRB | 01/31/1959 | |
| 90 | MZM Money Stock (SA) | | | FRB | 02/04/1980 | |
| 91 | M1 Money Stock (SA) | | | FRB | 01/06/1975 | |
| 92 | M2 Money Stock (SA) | | | FRB | 11/03/1980 | |
| 93 | M3 Money Stock (SA) | | | FRB | 01/05/1981 | |
| C3 | Certificate of Deposit, 3-month | | | New York | 10/23/1984* | |
| C6 | Certificate of Deposit, 6-month | | | New York | 10/23/1984* | |
| 4B | Commercial Paper, 30-day | | | FRB | 01/02/1976* | |
| 4C | Commercial Paper, 60-day | | | FRB | 06/01/1993* | |
| 4D | Commercial Paper, 90-day | | | FRB | 06/01/1993* | |
| 4E | Corporate AAA bond yield | | | FRB | 01/31/1919* | |
| 4F | Corporate BAA bond yield | | | FRB | 01/31/1919* | |
| 4I | Discount Rate | | | FRB | 02/02/1934* | |
| 4G | Federal Funds Rate | | | FRB | 07/01/1954* | |
| I0 | Boston Housing Index | CME | 05/19/2006 | CSHPI | 1/30/1987* | |
| I1 | Chicago Housing Index | CME | 05/19/2006 | CSHPI | 1/30/1987* | |
| I2 | Denver Housing Index | CME | 05/19/2006 | CSHPI | 1/30/1987* | |
| I3 | Las Vegas Housing Index | CME | 05/19/2006 | CSHPI | 1/30/1987* | |
| I4 | Los Angeles Housing Index | CME | 05/19/2006 | CSHPI | 1/30/1987* | |
| I5 | Miami Housing Index | CME | 05/19/2006 | CSHPI | 1/30/1987* | |
| I6 | New York Housing Index | CME | 05/19/2006 | CSHPI | 1/30/1987* | |
| I7 | San Diego Housing Index | CME | 05/19/2006 | CSHPI | 1/30/1987* | |
| I8 | San Francisco Housing Index | CME | 05/19/2006 | CSHPI | 1/30/1987* | |
| I9 | Washington DC Housing Index | CME | 05/19/2006 | CSHPI | 1/30/1987* | |
| J0 | Composite Housing Index | CME | 05/19/2006 | CSHPI | 1/30/1987* | |

ENERGY (1/2)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|--------------------------------------|------------------|--------------------|-----------------|-----------------|--------------------|
| 6O | NSW Base Load Strip | SFE | 06/23/2017 | | | |
| 6P | QLD Base Load Strip | SFE | 06/23/2017 | | | |
| 6Q | SA Base Load Strip | SFE | 06/23/2017 | | | |
| 6R | VIC Base Load Strip | SFE | 06/23/2017 | | | |
| 40 | Butane | | | Mt. Belvieu, TX | 09/03/1991* | |
| CK | EUA Carbon Financial in EUR | ICE | 02/01/2008 | | | 02/01/2008 |
| CO | CER Carbon Financial in EUR | ICE | 05/13/2008 | | | |
| SD | EUA - Daily European Allowance | NYMEX | 05/31/2018 | | | |
| SC | EUA - IDM European Allowance EUA | NYMEX | 03/30/2010 | | | |
| KH | EUA Financial in EUR | ICE | 02/27/2012 | | | |
| QL | Coal, Central Appalachian | NYMEX | 07/12/2001 | | | 09/09 - 07/13+ |
| OI | Coal, New Castle | ICE | 12/05/2008 | | | |
| LV | Coal, Richards Bay | ICE | 08/18/2006 | | | |
| LU | Coal, Rotterdam | ICE | 08/18/2006 | | | |
| LN | Illinois Basin Coal | ICE | 03/27/2017 | | | |
| OP | Coal, CSX | ICE | 02/21/2011 | | | |
| OR | Coal, South China | ICE | 04/10/2013 | | | |
| OK | Coal, FOB Indo | ICE | 02/21/2011 | | | |
| OV | Coal, PowerBasin | ICE | 02/21/2011 | | | |
| 9X | Coal, Central Appalachia, 12,500 Btu | | | DOE | 06/27/2013 | |
| 9Z | Coal, Powder River Basin, 8,800 Btu | | | DOE | 06/27/2013 | |
| 8L | API 8 CFR China Coal Index Futures | SIMEX | 08/01/2014 | | | |
| 8K | HIS McCloskey Indonesian Sub-Bit FOB | SIMEX | 08/01/2014 | | | |
| Y! | Thermal Coal 100 Tons | CZCE | 10/14/2015 | | | |
| CB | Crude Oil, Brent / Global Spot | ICE | 07/24/1989 | ICE | 10/01/1985* | 08/24/2007+ |
| NB | Crude Oil, Brent | NYMEX | 09/05/2001 | | | |
| BG | Crude Oil, Brent (E) | NYMEX | 06/21/2010 | | | |
| OQ | Crude Oil, Oman | DME | 06/01/2007 | | | |
| QA | Crude Oil, Brent | DME | 06/02/2008 | | | |
| P7 | ICE Mini Brent | ICE | 12/08/2015 | | | |
| L\$ | crude Oil, Brent | SAFEX | 09/26/2018 | | | |
| MB | Crude Oil, Gulf Coast Sour | NYMEX | 12/07/2009 | | | |
| QW | Crude Oil, Oman Physical | DME | 06/02/2008 | | | |
| CL | Crude Oil, WTI / Global Spot | NYMEX | 03/30/1983 | DJES | 01/31/1946* | 01/16/1989+ |
| SL | Crude Oil, Medium Sour RMB | SIEE | 03/26/2018 | | | |
| W1 | Crude Oil, WTI Light Sweet | ICE | 02/03/2006 | | | |
| HU | Crude Oil, Permian WTI | ICE | 10/19/208 | | | |
| QN | Crude Oil E-mini | NYMEX | 06/17/2002 | | | |
| CM | Crude Oil (E) | NYMEX | 06/12/2006 | | | |
| WS | Crude Oil WTI Houston | NYMEX | 11/05/2018 | | | |
| YB | Crude Oil | TOCOM | 11/14/2001 | | | |
| LM | Crude Oil, Mid East Sour | ICE | 05/21/2007 | | | |
| D0 | d-cypha Base, NSW | SFE | 09/07/2009 | | | |
| D1 | d-cypha Base, QLD | SFE | 09/07/2009 | | | |
| D2 | d-cypha Base, SA | SFE | 09/07/2009 | | | |
| D3 | d-cypha Base, VIC | SFE | 09/07/2009 | | | |
| D4 | d-cypha Peak, NSW | SFE | 09/07/2009 | | | |
| D5 | d-cypha Peak, Qld | SFE | 09/07/2009 | | | |
| D6 | d-cypha Peak, SA | SFE | 09/07/2009 | | | |
| D7 | d-cypha Peak, VIC | SFE | 09/07/2009 | | | |
| D8 | d-cypha Base \$300 Cap, NSW | SFE | 09/07/2009 | | | |
| D9 | d-cypha Base \$300 Cap, QLD | SFE | 09/07/2009 | | | |
| DB | d-cypha Base \$300 Cap, SA | SFE | 09/07/2009 | | | |
| DC | d-cypha Base \$300 Cap, VIC | SFE | 09/07/2009 | | | |
| AC | Ethanol | CBOT | 03/23/2005 | Iowa | 09/12/1997 | |
| VW | Ethanol | BMF | 07/05/2010 | | | |
| AG | Ethanol Swaps-New York | NYMEX | 07/05/2011 | | | |
| AE | Ethanol Swaps-Chicago | NYMEX | 07/05/2011 | | | |
| FE | Ethanol Forward Month Swap | CBOT | 07/09/2008 | | | |
| VQ | Fuel Oil | SHFE | 08/25/2004 | | | |
| IM | Gas Oil | TOCOM | 05/07/2010 | | | |
| P8 | ICE Mini Gas Oil LS | ICE | 12/08/2015 | | | |
| IN | Gasoline | TOCOM | 07/05/1999+ | | | |
| RB | Gasoline, Blendstock | NYMEX | 10/03/2005 | DOE | 1/31/1976 | 10/10/2005 |
| RC | Gasoline, Blendstock RBOB (E) | NYMEX | 06/12/2006 | | | |
| IQ | Chukyo Gasoline | TOCOM | 05/24/2012 | | | |
| QU | Gasoline Unleaded, E-MinNY | NYMEX | 01/17/2006 | | | |
| LR | Gasoline, Unleaded Blendstock (RBOB) | ICE | 04/21/2006 | | | |
| 46 | Gasoline, Unleaded / Regular Oxy | | | DJES | 10/05/1994* | |
| LF | Gas-Oil-Petroleum | ICE | 06/03/1986 | | | 08/19/1993+ |
| HO | ULSD NY Harbor | NYMEX | 11/14/1978 | DJES | 01/31/1967* | 02/01/1989+ |

ENERGY (2/2)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|--------------------------------------|------------------|--------------------|------------|-----------------|--------------------|
| BH | ULSD NY Harbor (E) | NYMEX | 06/12/2006 | | | |
| QH | ULSD NY Harbor / E-MinNY | NYMEX | 01/17/2006 | | | |
| LP | Heating Oil | ICE | 04/21/2006 | | | |
| IO | Kerosene | TOCOM | 07/05/1999+ | | | |
| IR | Chukyo Kerosene | TOCOM | 05/24/2012 | | | |
| WB | Methanol Futures | CZCE | 01/22/2013 | | | |
| NG | Natural Gas, Henry Hub | NYMEX | 04/04/1990 | DOE | 10/29/1993* | 10/02/1992+ |
| NR | Natural Gas (E) Penultimate | NYMEX | 06/12/2006 | | | |
| NI | Natural Gas (E) Last Day | NYMEX | 06/12/2006 | | | |
| NF | Natural Gas Forward (NBP) | ICE | 02/03/1997 | | | |
| NM | Natural Gas Forward (TTF) | ICE | 03/17/2010 | | | |
| QG | Natural Gas E-mini | NYMEX | 06/17/2002 | | | |
| GY | Natural Gas GASPOOL | ICE | 11/17/2010 | | | |
| GZ | Natural Gas NGC | ICE | 11/17/2010 | | | |
| N4 | Natural Gas European Style Options | NYMEX | | | | 03/12/2012 |
| 9Q | Natural Gas, Transco Zone 3 | | | DOE | 06/27/2013 | |
| 9R | Natural Gas, Transco Zone 6 NY | | | DOE | 06/27/2013 | |
| 9S | Natural Gas, Panhandle East | | | DOE | 06/27/2013 | |
| 9T | Natural Gas, Opal | | | DOE | 06/27/2013 | |
| 9U | Natural Gas, Marcellus NE PA | | | DOE | 06/27/2013 | |
| 9V | Natural Gas, Haynesville N. LA | | | DOE | 06/27/2013 | |
| JM | PJM Monthly | NYMEX | 04/11/2003 | | | |
| JP | PJM Off Peak | NYMEX | 12/01/2007 | | | |
| PN | Propane | NYMEX | 08/87 - 09/09* | DJES | 01/31/1967* | |
| W9 | RGGI CO2 Allowance Futures | NYMEX | 08/25/2008 | | | |
| UX | Uranium | NYMEX | 05/06/2007 | | | |
| L1 | UK Base Electricity Georgian Futures | ICE | 02/10/2014 | | | |
| L8 | UK Peak Electricity Georgian Futures | ICE | 02/10/2014 | | | |
| 96 | CBL California Carbon Allowance 2016 | NYMEX | 05/29/2018 | | | |
| 97 | CBL California Carbon Allowance 2017 | NYMEX | 05/29/2018 | | | |
| 98 | CBL California Carbon Allowance 2018 | NYMEX | 05/29/2018 | | | |
| 94 | CBL California Carbon Allowance 2019 | NYMEX | 05/29/2018 | | | |
| 95 | CBL California Carbon Allowance 2020 | NYMEX | 05/29/2018 | | | |
| UL | 20-yr USD Interest Rate Swap | CBOT | 09/28/2015 | | | |
| JW | 30-yr USD Interest Rate Swap | CBOT | 12/03/2012 | | | |
| B. | Japanese Gov't Bond (JGB), 5-year | JPX | 10/23/2017 | | | |
| JV | Japanese 10-Year Bond | SGX | 05/07/2002 | | | |
| JB | Japanese Gov't Bond (JGB), 10-year | SGX | 10/01/1993 | | | 08/25/2010+ |
| BT | Japanese Gov't Bond (JGB), 10-year | JPX | 10/21/1985* | | | 09/94-10/01+ |
| KB | Korea 3-Year Bond | KSE | 04/26/2005 | | | |

FINANCIAL INSTRUMENTS (1/2)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|---|------------------|--------------------|------------|-----------------|--------------------|
| BS | 90 Day Bank Accepted Bills, AUS | SFE | 01/02/1980 | | | 05/85-03/03+ |
| BB | 90 Day Bank Accepted Bills, NZD | SFE | 09/01/2008 | | | |
| JS | Bono 10 | MEFF | 08/06/2013 | | | |
| CA | Canadian Bankers Acceptance, 3-month | MNTRL | 04/22/1988 | | | 12/10/2012+ |
| CG | Canadian Government Bond, 10-year | MNTRL | 03/29/1990 | | | 12/10/2012+ |
| CW | Canadian Government Bond, 30-year | MNTRL | 11/29/2011 | | | |
| CH | Canadian Government Bond, 2-year | MNTRL | 05/03/2004 | | | |
| A7 | Canadian 2-year Gov't Bond Yield | | | FRB | 05/26/2003 | |
| CF | Canadian 5-year Note | MNTRL | 04/16/2009 | | | |
| A8 | Canadian 5-Year Gov't Bond Yield | | | FRB | 05/26/2003 | |
| A9 | Canadian 10-Year Gov't Bond Yield | | | FRB | 05/26/2003 | |
| 1D | Canadian Overnight Repo Rate (CORRA) | | | BOC | 06/15/1998 | |
| IK | 30-Day Overnight Repo Rate | MNTRL | 12/12/2011 | | | |
| F1 | DTCC GCF U.S. Treasury Repo Index | ICE-LIFFE | 07/16/2012 | | | |
| F2 | DTCC GCF Mortgage-Backed Securities Repo In | ICE-LIFFE | 07/16/2012 | | | |
| IJ | EONIA, 1-month | ICE-LIFFE | 02/04/2003 | | | |
| EN | EONIA, 1-month | EUREX | 02/04/2003 | | | |
| EX | SONIA, 1-Month | ICE-LIFFE | 12/29/2017 | | | |
| EZ | SONIA, 3-month | ICE-LIFFE | 06/11/2018 | | | |
| GP | SONIA, 1-month | CME | 09/26/2018 | | | |
| GO | SONIA, 3-month | CME | 09/26/2018 | | | |
| JT | Euro BONO Long Term Spanish Bond | EUREX | 10/26/2015 | | | |
| IA | Euro BTP Bond Short Term | EUREX | 07/21/2011 | | | |
| IG | Euro BTP Bond Medium Term | EUREX | 11/16/2011 | | | |
| HP | Euribor, 3-month | CME | 10/03/2011 | | | |
| EP | Euribor, 3-month | EUREX | 01/06/1999 | | | |
| B- | Euribor, 3-month | ICE-LIFFE | 12/15/1998 | | | 01/04/2000+ |
| GM | Euro BOBL | EUREX | 12/23/1998 | | | 01/27/1999+ |
| BF | Euro Bund | EUREX | 12/03/1990* | | | 01/03/1994+ |
| GX | Euro BUXL | EUREX | 01/07/1999+ | | | |
| ED | Eurodollar, 3-month | CME | 12/09/1981 | FRB | 01/04/1982* | 03/20/1985+ |
| DS | Eurodollar, 3-month | SGX | 11/03/1989 | | | 09/26/1994+ |
| E1 | Eurodollar, 1-year Mid-Curve options | CME | | | | 12/20/1994+ |
| E2 | Eurodollar, 2-year Mid-Curve options | CME | | | | 03/14/1994+ |
| M3 | Eurodollar, 3-year Mid-Curve options | CME | | | | 04/08/2013+ |
| E5 | Eurodollar, 4-year Mid-Curve options | CME | | | | 08/18/2003+ |
| M5 | Eurodollar, 5-year Mid-Curve options | CME | | | | 04/08/2013+ |
| L2 | Eurodollar, 2-year Bundle | CME | 09/23/2014 | | | |
| L3 | Eurodollar, 3-year Bundle | CME | 09/23/2014 | | | |
| L5 | Eurodollar, 5-year Bundle | CME | 09/23/2014 | | | |
| IL | Euro OAT | EUREX | 04/29/2012 | | | |
| IC | Euro OAT Medium Term | EUREX | 09/30/2013 | | | |
| F- | Euroswiss, 3-month | ICE-LIFFE | 02/07/1991 | | | 10/09/1992+ |
| GH | Euro-Schatz | EUREX | 12/09/1999 | | | 11/20/2002+ |
| IB | 30 Day Interbank Cash Rate Futures | SFE | 08/13/2003 | | | |
| SY | Euroyen, 3-month | SGX | 10/30/1989 | | | |
| IT | Euroyen, 3-month | TIFFE | 02/12/1990+ | | | |
| SL | Euroyen LIBOR, 3-month | SGX | 02/22/1999 | | | |
| FF | Federal Funds / 30-day | CBOT | 10/06/1988 | FRB | 03/20/1989* | |
| R- | Gilt, Long | ICE-LIFFE | 11/18/1982* | | | 08/15/1990+ |
| RS | Gilt, Medium 5-Year | ICE-LIFFE | 12/07/2009 | | | |
| RT | Gilt, Medium 2-Year | ICE-LIFFE | 12/07/2009 | | | |
| RW | Ultra Long Gilt | ICE-LIFFE | 03/31/2014 | | | |
| HB | HIBOR, 3-month | HKFE | 12/16/1991 | | | |
| BM | Interbank Deposit Futures, 1-Day | BMF | 04/12/2002 | | | |
| IE | Italian 10-Yr Bond, Euro BTP | EUREX | 11/11/2009 | | | |
| A4 | 2-yr Euro Interst Rate Swap | CBOT | 04/21/2014 | | | |
| A5 | 5-yr Euro Interst Rate Swap | CBOT | 04/21/2014 | | | |
| A6 | 10-yr Euro Interst Rate Swap | CBOT | 04/21/2014 | | | |
| JQ | 2-yr USD Interest Rate Swap | CBOT | 12/03/2012 | | | |
| JR | 5-yr USD Interest Rate Swap | CBOT | 12/03/2012 | | | |
| UU | 7-yr USD Interest Rate Swap | CBOT | 09/28/2015 | | | |
| JN | 10-yr USD Interest Rate Swap | CBOT | 12/03/2012 | | | |
| KR | Korea 5-Year Bond | KSE | 12/28/2015 | | | |
| KM | Korea 10-Year Bond | KSE | 12/10/2012 | | | |
| 7T | New Zealand 10 Year Government Stock | SFE | 05/13/2015 | | | |
| EM | Eurodollar Deposite Rate, 1-month | CME | 04/05/1990 | | | 06/12/1991+ |
| 4H | Municipal Bond yield | | | CBOT | 01/31/1919* | |

FINANCIAL INSTRUMENTS (2/2)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|--|------------------|--------------------|-------------------|-----------------|--------------------|
| LX | 1-week,L1,L2,L3,L4,L5,L6,L7,L8,L9,L0 (10),LE (11),LY (12) month, LN overnight Eurodollar Deposit Rate, USD | | | EDR | 09/13/2002 | |
| M0 | 2-week Eurodollar Deposit Rate, USD | | | EDR | 01/02/2001 | |
| M0 | Eurodollar Deposit Rate, USD 2-week | | | EDR | 01/02/2001 | |
| K1 | W1 1 Year MidCurve Options | | | | | |
| K2 | W2 1 Year MidCurve Options | | | | | |
| K3 | W3 1 Year MidCurve Options | | | | | |
| K4 | W4 1 Year MidCurve Options | | | | | |
| K5 | W5 1 Year MidCurve Options | | | | | |
| EI | LIFFE Eurodollar | ICE-LIFFE | 04/08/2011 | | | |
| 4A | Prime Rate, U.S. | | 04/08/2011 | FRB | 12/31/1929* | |
| ER | SOFR, 3-month | CME | 05/07/2018 | | | |
| EY | SOFR, 1-month | CME | 05/07/2018 | | | |
| KK | SOFR, 1-month | ICE-LIFFE | 10/19/2018 | | | |
| KU | SOFR, 3-month | ICE-LIFFE | 10/19/2018 | | | |
| L- | Sterling, 3-month | ICE-LIFFE | 11/04/1982 | | | 08/15/1990+ |
| P- | Swap Note, 2-Year Euro | ICE-LIFFE | 03/20/2001 | | | |
| VV | Swap Note, 2-Year US | ICE-LIFFE | 08/12/2002 | | | |
| G- | Swap Note, 5-Year Euro | ICE-LIFFE | 10/15/1998 | | | |
| VY | Swap Note, 5-Year US | ICE-LIFFE | 08/12/2002 | | | |
| D- | Swap Note, 10-year Euro | ICE-LIFFE | 10/15/1998* | | | 11/5/2001+ |
| VZ | Swap Note, 10-year U.S. | ICE-LIFFE | 08/12/2002 | | | |
| SW | Swiss Government Bond (CONF) | EUREX | 08/24/1993 | | | |
| T0 | 4-Week T-Bill Rate | | | FRB | 01/02/2002 | |
| 6Z | T-Bill 1-Month Yield | | | FRB | 07/31/2001 | |
| TB | Treasury Bill, U.S., 3-month | CME | 01/06/1976 | on-the-run coupon | 04/29/1986* | 04/10/1986+ |
| BY | T-Bill 3-Month Yield | | | FRB | 02/09/1973* | |
| T6 | 26-Week T-Bill Rate | | | FRB | 04/29/1986* | |
| 6Y | T-Bill 6-Month Yield | | | FRB | 01/30/1959* | |
| T1 | 52-Week T-Bill Rate | | | FRB | 01/04/1974* | |
| TU | Treasury Note, U.S., 2-year | CBOT | 06/22/1990* | | | 05/01/1992+ |
| 1Y | 1-Year T-Bill Yield | | | FRB | 04/30/1953* | |
| O2 | Treasury Note, U.S., 2-year (8%) | CBOT | 06/90 - 12/99* | | | |
| 2Y | 2-Year Note Yield | | | FRB | 06/30/1976* | |
| TN | Treasury Note, U.S. 3-year | CBOT | 03/23/2009 | | | |
| 3Y | 3-Year Note Yield | | | FRB | 01/02/1990 | |
| FV | Treasury Note, U.S., 5-year | CBOT | 05/27/1988* | | | 05/24/1990+ |
| O5 | Treasury Note, U.S., 5-year (8%) | CBOT | 05/82 - 12/99* | | | |
| 5Y | 5-Year Note Yield | | | CBOE | 04/30/1953* | |
| 7Y | 7-Year Note Yield | | | FRB | 01/02/1990 | |
| TY | Treasury Note, U.S., 10-year | CBOT | 05/03/1982* | | | 09/01/1988+ |
| O1 | Treasury Note, U.S., 10-year (8%) | CBOT | 05/82 - 12/99* | | | |
| TM | Ultra 10-Year Treasury Note | CBOT | 01/11/2016 | | | 01/11/2016 |
| NY | 10-Year Note Yield | | | CBOE | 04/30/1953* | |
| 7Z | 20-Year Note Yield | | | FRB | 10/01/1993 | |
| 5S | 2-Year Bond | CFFEX | 09/26/2018 | | | |
| YS | Treasury Bonds, Australia, 3-year | SFE | 05/17/1988 | | | 06/88-06/01+ |
| TS | Treasury Bonds, Australia, 10-year | SFE | 12/05/1984 | | | 11/85-06/01+ |
| UF | Treasury Bonds, Australia, 20-year AUD 65,000 | SFE | 09/03/2018 | | | |
| US | Treasury Bonds, U.S., 30-year | CBOT | 08/22/1977* | | | 09/01/1988+ |
| O3 | Treasury Bonds, U.S., 30-year (8%) | CBOT | 08/77 - 12/99* | | | |
| UG | Treasury Bond, U.S. Long Term Ultra | CBOT | 01/11/2010 | on-the-run coupon | | |
| TG | Treasury Bonds, Australia, 20-year | SFE | 9/21/2016* | | | |
| UY | 30-Year Bond Yield | | | CBOE | 01/31/1919* | |
| 80 | US Overnight Treasury Rate | | | FRB | 11/05/2013 | |
| 9I | 2-Year T-Note Week 2 Options | | | | | 01/24/2011 |
| 9J | 2-Year T-Note Week 3 Options | | | | | 02/28/2011 |
| 9K | 5-Year T-Note Week 2 Options | | | | | 01/24/2011 |
| 9L | 5-Year T-Note Week 3 Options | | | | | 02/28/2011 |
| 9M | 10-Year T-Note Week 2 Options | | | | | 01/24/2011 |
| 9N | 10-Year T-Note Week 3 Options | | | | | 02/28/2011 |
| 9O | 30-Year T-Bond Week 2 Options | | | | | 01/24/2011 |
| 9P | 30-Year T-Bond Week 3 Options | | | | | 02/28/2011 |
| R. | R186 Bond Futures | SAFEX | 02/26/2016 | | | |
| 5J | 10-Year Bond | CFFEX | 01/04/2016 | | | |
| 5K | 5-Year Bond | CFFEX | 01/04/2016 | | | |

FOODSTUFFS

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|----------------------------------|------------------|--------------------|----------------------|----------------------------|----------------------------|
| Z2 | Apple | CZCE | 12/28/2017 | | | |
| AQ | Apple Juice Concentrate | MGEX | 08/13/2012 | | | |
| 02 | Butter, AA | CME | 9/96 - 12/10* | Chicago | 08/02/1946* | |
| BA | Butter Cash Settled | CME | 09/16/2005 | CME | 09/16/2005 | |
| 8E | Butter Grade AA | CME | 07/13/2015 | CME | 10/11/2000 | |
| J2 | Butter Index Futures | EUREX | 11/04/2013 | | | |
| 8C | Cheese Barrels | CME | 07/13/2015 | CME | 10/11/2000 | |
| 8D | Cheese Blocks | CME | 07/13/2015 | CME | 10/11/2000 | |
| BD | Cheese Cash Settled | CME | 06/21/2010 | | | |
| CC | Cocoa / Ivory Coast | ICE | 07/01/1959 | New York | 10/17/1980* | 03/05/1990+ 08/19/1993+ |
| LO | Cocoa #7 | ICE-LIFFE | 06/03/1986 | | | |
| EB | Euro Cocoa | ICE-LIFFE | 03/30/2015 | | | |
| KE | Cocoa | NYMEX | 12/26/2006 | | | |
| KT | Coffee | NYMEX | 12/26/2006 | | | |
| VF | Coffee, Arabica Type 4/5 | BMF | 05/22/2006 | | | |
| KC | Coffee 'C' /Colombian | ICE | 08/16/1972 | New York New York | 01/02/1948* 01/02/1947* | 03/05/1990+ |
| BK | Coffee / Brazilian | | | | | |
| LQ | Coffee, Robusta (10 Tonne) | ICE-LIFFE | 08/01/2008 | | | 08/01/2008 |
| LD | Coffee, Robusta | ICE-LIFFE | 03/01/1991 | | | |
| 28 | Eggs, Large White | | | USDA | 12/31/1901 | |
| T2 | Fresh Hen Eggs | DCE | 12/18/2013 | | | |
| 29 | Flour, Hard Winter | | | USDA | 01/02/1953 | |
| 09 | Lard | | | Chicago | 01/02/1940* | |
| 7Q | Liquid Milk | NZX | 09/03/2018 | | | |
| DE | Milk | CME | 01/11/1996 | | | 01/15/1996+ |
| DL | Milk, Class IV | CME | 07/10/2000 | | | |
| 8B | Milk Grade A | CME | 07/13/2015 | CME | 10/11/2000 | |
| DN | Milk, Nonfat Dry | CME | 06/29/2004 | | | |
| JO | Orange Juice, Frozen Concentrate | ICE | 02/01/1967 | New York | 11/82-07/84* | 03/02/1990+ |
| SB | Sugar #11/World Raw | ICE | 01/04/1961 | New York | 01/03/1949* | 03/05/1990+ |
| KA | Sugar #11/World Raw | NYMEX | 12/26/2006 | | | |
| SA | Sugar #16/Domestic Raw | ICE | 09/26/2008 | | | |
| LW | Sugar #5, White | ICE-LIFFE | 04/11/1990 | | | 08/19/1993+ |
| 17 | Sugar, Raw Cane | | | USDA | 07/07/1987 | |
| WO | Sugar | CZCE | 01/06/2006 | | | 01/02/2018 |
| LX | Sugar Containerised | ICE-LIFFE | 06/17/2016 | | | |
| K- | SugarM | NCDEX | 05/23/2014 | | | |
| 7L | Global Butter | SFE | 05/13/2015 | | | |
| 7W | Global Whole Milk Powder | SFE | 11/12/2013 | | | |
| 7S | Global Skim Milk Powder | SFE | 11/12/2013 | | | |
| 7M | Global Anhydrous Milk Fat | SFE | 11/12/2013 | | | |

GRAINS AND OILSEEDS (1/2)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|--|------------------|--------------------|------------------|-----------------|--------------------|
| YZ | Azuki Beans | TOCOM | 05/06/1993 | | | |
| Z1 | Barley | NCDEX | 12/11/2006 | | | |
| KI | Barley | AFE | 05/02/2008 | | | |
| OF | Barley, European Feed | BSE | 07/29/2008 | | | |
| WM | Black Sea Corn Financially Settled Platts | CBOT | 12/18/2017 | | | |
| WF | Black Sea Wheat Financially Settled Platts | CBOT | 12/18/2017 | | | |
| 08 | Bran / Wheat, Middling, Kansas | | | Kansas City | 09/03/1991* | |
| WC | Canola / No. 1 | ICE | 09/03/1974 | Vancouver | 08/04/1981* | 09/04/1991+ |
| X7 | Canola Instore Vancouver 1 NCC | ICE | | Vancouver | 01/01/2003 | |
| E- | Castor Seed | NCDEX | 09/21/2018 | | | |
| H- | Chana | NCDEX | 01/01/2018 | | | |
| 26 | Coconut Oil / Crude | | | New York | 01/49-12/08* | |
| ZN | Coriander | NCDEX | 08/11/2008 | | | |
| C7 | Corn Gluten Feed | | | Midwest | 09/03/1991* | |
| C8 | Corn Oil / Crude Wet Milling | | | Chicago | 09/03/1991* | |
| C9 | Corn Oil / Crude Dry Milling | | | Chicago | 09/03/1991* | |
| C2 | Corn / No. 2 Yellow | | | Central Illinois | 01/02/1940* | |
| C- | Corn / No. 2 Yellow | CBOT | 07/01/1959 | Chicago | 01/02/1940* | 02/24/1989+ |
| HE | Chicago Corn | SAFEX | 07/23/2013 | | | |
| CV | Corn, No. 3 | TOCOM | 08/16/1994 | | | |
| XC | Corn Mini-sized | CBOT | 12/16/1992 | | | |
| MC | Corn | EURONEXT | 05/09/2003 | | | |
| XV | Corn | DCE | 09/01/2004 | | | |
| XE | Corn | BMF | 05/22/2006 | | | |
| GE | Corn | ROFEX | 12/14/2007 | | | |
| AR | ICE Corn | ICE | 05/14/2012 | | | 05/12/2012 |
| OD | Corn, European Feed | BSE | 07/29/2008 | | | |
| 76 | Corn Gluten Meal | | | USDA | 02/19/2013 | |
| XX | Corn Starch | DCE | 04/01/2015 | | | |
| 25 | Cottonseed Meal | | | Clarksdale, MS | 01/02/1953* | |
| Z- | Guar Seed | NCDEX | 05/05/2014 | | | |
| U- | GuarGum | NCDEX | 11/11/2015 | | | |
| 04 | Hominy Feed | | | Central Illinois | 09/03/1991* | |
| ZV | Jeera | NCDEX | 02/03/2005 | | | |
| HW | Maize, White | SAFEX | 01/01/2004 | | | |
| HV | Maize, Yellow | SAFEX | 01/01/2004 | | | |
| K9 | Maize, KHRF | NCDEX | 10/09/2013 | | | |
| H7 | MAIZ ROS (corn) | MATba | 01/01/2007 | | | |
| OA | Oats / No. 2 Milling | MGEX | 04/89 - 05/94* | Minneapolis | 01/02/1975* | 04/93-11/93+ |
| O- | Oats / No. 2 White Heavy | CBOT | 07/01/1959 | Chicago | 01/40-08/99* | 05/01/1990+ |
| YK | Palm Oil | DCE | 01/02/2008 | | | |
| 31 | Palm Oil / Refined | | | US Ports | 02/76-12/08* | |
| PO | Palm Oil, Crude | MDEX | 01/04/2004 | | | |
| V- | Palm Oil, Crude | NCDEX | 11/26/2013 | | | |
| PQ | Palm Oil, Crude Kernel | KLSE | 08/04/2008 | | | |
| QF | Palm Oil, Crude Kernel USD | KLSE | 12/15/2008 | | | |
| QJ | RBD Palm Olein | KLSE | 06/17/2014 | | | |
| KF | Palm Olein | APEX | 05/28/2018 | | | |
| FI | Palm Oil, Malaysian Calendar Swaps | CME | 01/26/2015 | | | |
| FD | Palm Olein, Malaysian Calendar Swaps | CME | 01/26/2016 | | | |
| K8 | Rape Mustard Seed | NCDEX | 12/10/2012 | | | |
| ME | Rapeseed | EURONEXT | 10/28/1994 | | | 04/27/2009+ |
| OH | Rapeseed, High Oil Content Seed | BSE | 07/29/2008 | | | |
| WR | RapeSeed Vegetable Oil | CZCE | 02/07/2013 | | | |
| ZT | Rapeseed | CZCE | 02/07/2013 | | | |
| ZW | Rapeseed Beet Pulp Meal | CZCE | 02/07/2013 | | | |
| SG | Rapeseed Meal | EURONEXT | 11/14/2014 | | | |
| SO | Rapeseed Oil | EURONEXT | 11/14/2014 | | | |
| WK | Early Indica Rice | CZCE | 02/07/2013 | | | |
| RR | Rough Rice #2 | CBOT | 08/20/1986 | USDA | 10/30/1914* | 04/09/1992+ |
| 72 | Rice, Long Grain Milled, No. 2 | | | USDA | 02/19/2013 | |
| T9 | Japonica Valley Rice | CZCE | 12/18/2013 | | | |
| S8 | Late Indica Rice | CZCE | 07/23/2014 | | | |
| KN | Sorghum | AFE | 05/02/2008 | | | |
| GA | Sorghum, Sweet | SAFEX | 05/27/2016 | | | |
| GF | Sorghum, Bitter | SAFEX | 05/27/2016 | | | |
| HZ | Soya | SAFEX | 01/01/2004 | | | |
| V6 | SOJA I.W. (soy) | MATba | 01/01/2007 | | | |
| V8 | SOJA ROS (soy) | MATba | 01/01/2007 | | | |
| S- | Soybeans / No. 1 Yellow | CBOT | 07/01/1959 | Central Illinois | 01/02/1940* | 02/24/1989+ |

GRAINS AND OILSEEDS (2/2)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|----------------------------------|---------------------|-----------------------|-------------------|--------------------|-----------------------|
| AS | ICE Soybeans | ICE | 05/14/2012 | | | 05/14/2012 |
| XS | Soybeans Mini-Sized | CBOT | 12/16/1992 | | | |
| XZ | Soybeans No. 2 | DCE | 12/01/2004 | | | |
| XT | Soybeans No. 1 | DCE | 01/04/2004 | | | |
| YM | Soybeans, IOM | TOCOM | 05/06/1993 | | | |
| SN | Soybean, South American | CBOT | 05/20/2005 | | | |
| K6 | Soybeans | NCDEX | 05/02/2008 | Indore ex-wrhs | | |
| GK | Soybeans | ROFEX | 12/14/2007 | | | |
| XY | Soybeans Cash Settled | BMF | 05/23/2012 | | | |
| L9 | Soybeans, Chicago | SAFEX | 08/13/2014 | | | |
| XD | Mini Sized CME Soybean | BMF | 08/15/2014 | | | |
| SM | Soybean Meal / 48% Protein | CBOT | 07/01/1959* | Decatur, Illinois | 12/01/1947* | 02/24/1989+ |
| AM | ICE Soybean Meal | ICE | 05/14/2012 | | | 05/14/2012 |
| XU | Soy Meal | DCE | 01/04/2004 | | | |
| BO | Soybean Oil / Crude | CBOT | 07/01/1959 | Decatur, Illinois | 01/03/1949* | 02/24/1989+ |
| XO | Soybean Oil | CZCE | 01/09/2006 | | | |
| K7 | Soybean Oil | NCDEX | 05/02/2008 | | | |
| AL | ICE Soybean Oil | ICE | 05/14/2012 | | | 05/14/2012 |
| M- | Degummed Soybean Oil | NCDEX | 07/14/2017 | | | |
| CS | Soybean Crush | CBOT | 07/20/2009 | Central Illinois | | |
| HY | Sunflower | SAFEX | 01/01/2004 | | | |
| U8 | GIRASOL ROS (sunflower) | MATba | 01/01/2007 | | | |
| OG | Sunflower, High Oil Content Seed | BSE | 07/29/2008 | | | |
| WG | Pure Terephthalic Acid | CZCE | 05/08/2008 | | | |
| ZU | Turmeric | NCDEX | 03/02/2009 | | | |
| W- | Wheat / No. 2 Soft Red | CBOT | 07/01/1959 | St. Louis | 01/02/1940* | 02/24/1989+ |
| YW | Strong Ale Gluten Wheat | CZCE | 02/07/2013 | | | |
| ZK | Pumai Common Wheat | CZCE | 02/07/2013 | | | |
| XW | Wheat Mini-Sized | CBOT | 12/16/1992 | | | |
| FW | Wheat, EU | LIFFE | 08/06/1991 | | | |
| MH | Wheat, Milling | EURONEXT | 01/04/1999 | | | 05/02/2003+ |
| O8 | Wheat, Milling | BSE | 09/13/2013 | | | |
| MY | Wheat, Milling | EURONEXT | 03/02/2015 | | | |
| O9 | Wheat, Feed | BSE | 09/13/2013 | | | |
| KW | Wheat / No. 2 Hard Winter | CBOT | 01/05/1970 | Kansas City | 01/02/1940* | 09/24/1990+ |
| MW | Wheat / Spring 14% Protein | MGEX | 01/02/1979 | Minneapolis | 01/02/1940* | 09/24/1990+ |
| KV | Wheat, CBOT Mini-Sized | CBOT | 03/24/2014 | | | |
| AW | ICE Wheat | ICE | 05/14/2012 | | | 05/14/2012 |
| IH | Wheat, Hard Red Winter | MGEX | 05/09/2003 | MGEX | 06/20/2003 | |
| K0 | Wheat, Delhi | NCDEX | 03/31/2014 | | | |
| IW | Soft Red Index | MGEX | 12/16/2004 | MGEX | 12/16/2003 | |
| IP | Spring Wheat Index | MGEX | 12/16/2004 | MGEX | 12/16/2003 | |
| KP | Western Wheat | AFE | 03/03/2010 | | | |
| GL | Wheat | ROFEX | 12/04/2007 | | | |
| WL | Wheat, EU | CBOT | 09/12/2016 | | | |
| KX | ASX Eastern Wheat | SFE | 06/30/2013 | | | |
| 8O | Australian Wheat FOB Platts | CBOT | 07/24/2017 | | | |
| HX | Wheat | SAFEX | 01/01/2004 | | | |
| 75 | Wheat, No. 1 Soft White Portland | | | USDA | 02/19/2013 | |
| DG | Whey, Dry | | 03/19/2007 | | | |
| J1 | European Whey Powder | EUREX | 11/04/2013 | | | |
| H0 | TRIGO B.A. (wheat) | MATba | 01/01/2007 | | | |
| H1 | TRIGO I.W. (wheat) | MATba | 01/01/2007 | | | |
| H2 | TRIGO Q.Q. (wheat) | MATba | 01/01/2007 | | | |
| H3 | TRIGO ROS (wheat) | MATba | 01/01/2007 | | | |

INDUSTRIALS

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|--------------------------------|------------------|--------------------|------------------|-----------------|--------------------|
| 8B | Benzene | SGX | 04/14/2016 | | | |
| RD | Bitumen | SHFE | 01/13/2014 | | | |
| 01 | Burlap / 10 oz. 40" | | | New York | 01/03/1950* | |
| KG | Cotton | NYMEX | 12/26/2006 | | | |
| CT | Cotton / 1-1/16" | ICE | 07/01/1959 | Memphis | 01/02/1979* | 01/30/1990+ |
| 06 | Cotton, 1-1/16" 7 Market Avg. | | | 7 Market Average | 03/23/1967* | |
| 07 | Cotton, 1-3/32" 7 Market Avg. | | | 7 Market Average | 01/02/1985* | |
| WQ | Cotton No. 1 | CZCE | 05/09/2005 | | | |
| WJ | Cotton Yarn | CZCE | 10/23/2017 | | | |
| S7 | Ferrosilicon | CZCE | 09/29/2014 | | | |
| YX | Flat Glass | CZCE | 02/07/2013 | | | |
| 30 | Hides / Heavy Native Steers | | | Chicago | 01/03/1952* | |
| LB | Lumber / Spruce-Pine Fir 2x4 | CME | 10/01/1969 | Random Length | 01/21/1971* | 05/29/1987+ |
| V4 | BlockBoard | DCE | 12/18/2013 | | | |
| S6 | Manganese Silicon | CZCE | 09/29/2014 | | | |
| V5 | Medium Density Fiberboard | DCE | 12/18/2013 | | | |
| 8M | Paraxylene | SGX | 04/14/2016 | | | |
| PW | Plywood Sheathing (1/2"-B) | | | Random Length | 08/29/1975* | |
| YC | Polyethylene | DCE | 01/02/2008 | | | |
| YV | Polypropylene | DCE | 03/31/2014 | | | |
| A3 | Polypropylene | DGCX | 03/31/2014 | | | |
| YD | Polyvinyl Chloride (PVC) | DCE | 07/31/2009 | | | |
| YR | Rubber #3 | TOCOM | 12/21/1992+ | | | |
| VR | Natural Rubber | SHFE | 05/08/2002 | | | |
| U6 | Rubber, RSS3 | SGX | 01/03/2007 | | | |
| W2 | Rubber, TSR20 | SGX | 01/03/2007 | | | |
| RX | Shankar Kapas | NCDEX | 03/02/2009 | | | |
| 14 | Sorghum / (Milo) No. 2 | | | Gulf Coast | 01/03/1989* | |
| 18 | Tallow / Bleachable | | | Chicago | 01/03/1949* | |
| 19 | Tallow / Edible | | | Chicago | 09/03/1991* | |
| 21 | Wool, 64's, Staple, Terr. Del. | | | USDA | 01/03/1949* | |
| 8U | Urea FOB NOLA Swap | CBOT | 11/12/2013 | | | |
| 8W | UAN FOB NOLA Swap | CBOT | 11/12/2013 | | | |
| 8X | DAP FOB NOLA Swap | CBOT | 11/12/2013 | | | |
| 8Z | Urea FOB Egypt Swap | CBOT | 11/12/2013 | | | |
| 8T | Urea FOB Middle East Swap | CBOT | 11/12/2013 | | | |

LIVESTOCK AND MEATS

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|---------------|-----------------------------------|-------------------------|---------------------------|-------------------|------------------------|---------------------------|
| 73 | Beef, Choice 1-3, 600-900 lbs. | | | USDA | 02/19/2013 | |
| B9 | Broilers, Composite Average | | | 12-City | 01/15/1965* | |
| FC | Cattle, Feeder / Average | CME | 11/30/1971 | Oklahoma City | 09/06/1977* | 01/09/1987+ |
| VL | Cattle, Feeder | BMF | 12/14/2007 | | | |
| LC | Cattle, Live / Choice Average | CME | 11/30/1964 | Texas/Oklahoma | 01/02/1948* | 10/30/1984+ |
| VE | Cattle, Live | BMF | 05/22/2006 | | | |
| LH | Hogs, Lean / Average Iowa/S Minn | CME | 02/28/1966* | Lean Hog Index | 01/02/1940* | 02/01/1985+ |
| LG | Hogs, Live, Old | CME | 02/96 - 12/96* | Iowa/S. Minn. | 01/02/1940* | |
| HA | Hogs, Lean / National Base 51-52% | | | USDA | 1/2/1997* | |
| PB | Pork Bellies, Frozen, 12-14 lbs. | CME | 09/61 - 07/11* | Chicago/Midwest | 01/02/1963* | 10/86 - 06/10+ |
| 05 | Meat-Bone Meal, 50% Protein | | | Illinois | 09/03/1991* | |
| 70 | Pork Loins, 13-19 lbs. | | | USDA | 02/19/2013 | |
| 74 | Beef, Select 1-3, 600-900 lbs. | | | USDA | 02/19/2013 | |

METALS (1/2)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|---|------------------|--------------------|------------|-----------------|--------------------|
| Al | Aluminum | COMEX | 05/06/2014 | | | |
| VA | Aluminum | SHFE | 05/08/2002 | | | |
| 0M | Aluminium Alloy, Cash | | | LME | 10/06/1992* | |
| 3M | Aluminium Alloy, 3-month Forward | | | LME | 10/06/1992 | |
| 0V | NAS Aluminium, Cash, Official Close | | | LME | 12/08/2003 | |
| 0B | Aluminium, High Grade, Cash, Official Close | | | LME | 06/24/1994+ | |
| 3V | NAS Aluminium, 3-month Forward Official Cash | | | LME | 12/08/2003 | |
| 0K | Aluminium Alloy, Cash, Official Close | | | LME | 06/24/1994+ | |
| 3K | Aluminium Alloy, 3-month Forward, Off. Close | | | LME | 06/24/1994+ | |
| 0A | Aluminium, High Grade, Cash 25 ton | | | LME | 11/25/1988 | |
| 0S | Aluminum, High Grade, Cash 50 ton | | | LME | 09/03/2002 | |
| 3A | Aluminium, High Grade, 3-month Forward | | | LME | 01/01/1980* | |
| 3B | Aluminium, High Grade, 3-Mo. Forward, Off. Close | | | LME | 06/24/1994+ | |
| 3S | Aluminium, NAS, 3-Mo. | | | LME | 09/03/2002 | |
| CE | London Aluminum Mini | HKFE | 12/01/2014 | | | |
| 1Q | Antimony | | | USGS | 02/19/2013 | |
| 0C | Cobalt, Cash Official | | | | 04/09/2010 | |
| 3C | Cobalt, 3-month Forward, Cash Official Close | | | | 04/09/2010 | |
| 6C | Cobalt, 15-month Forward, Cash Official Close | | | | 04/09/2010 | |
| PP | Hard Coking Coal | DCE | 05/28/2013 | | | |
| PU | Metallurgical Coke | DCE | 05/18/2011 | | | |
| C3 | TSI CFR China Premium JM25 Coking Coal | SIMEX | 08/13/2014 | | | |
| C6 | FOB Australia Premium Coking Coal | SIMEX | 08/13/2014 | | | |
| CU | Copper / Electrolytic Cathodes | NYMEX | 07/59 - 12/89* | NYMEX | 01/48-02/02*+ | |
| VC | Copper Cathode | SHFE | 05/08/2002 | | | |
| QC | Copper, Eminy | COMEX | 12/04/2006 | | | |
| HJ | Copper, High Grade | COMEX | 06/26/2015 | | | |
| HG | Copper High Grade / Scrap No. 2 Wire | NYMEX | 07/01/1959* | New York | 01/04/1971*+ | 06/07/1990+ |
| 0P | Copper, Grade A, Cash | | | LME | 05/09/1991+ | |
| 3P | Copper, Grade A, 3-month Forward | | | LME | 01/03/1977* | |
| 0R | Copper, Grade A, Cash, Official Close | | | LME | 06/24/1994+ | |
| CN | London Copper Mini | HKFE | 12/01/2014 | | | |
| 3R | Copper, Grade A, 3-Mo. Forward, Official Close | | | LME | 06/24/1994+ | |
| TX | Gold Mini | TOCOM | 02/15/2010 | | | |
| P9 | ICE Kilo Gold | ICE | 12/08/2015 | | | |
| ZP | Gold Futures CNH | HKFE | 07/17/2017 | | | |
| ZQ | Gold Futures USD | HKFE | 07/17/2017 | | | |
| YG | Gold | TOCOM | 12/21/1992+ | | | |
| GC | Gold | NYMEX | 12/31/1974 | Composite | 03/20/1968*+ | 09/01/1988+ |
| VP | Gold | SHFE | 01/09/2009 | | | |
| ZH | Gold, 100 oz | ICE-US | 10/05/2004 | | | 03/28/2006 |
| A1 | Gold | DGCX | 03/31/2014 | | | |
| QO | Gold, Eminy | COMEX | 12/04/2006 | | | |
| 1E | Gold Engelhard Ind-Bullion | | | USGS | 02/19/2013 | |
| 1F | Gold Engelhard Fabricated | | | USGS | 02/19/2013 | |
| 52 | Gold Coins, Krugerrands | | | | 11/02/1978*+ | |
| 50 | Gold, London A.M. Fixing | LBMA | | London | 05/03/1994*+ | |
| ZG | Gold, N.Y. Mini-sized | ICE-US | 10/01/2001 | | | |
| 51 | Gold, London P.M. Fixing | LBMA | | London | 01/02/1968*+ | |
| 1I | Gold Handy & Harman Base Price | | | USGS | 02/19/2013 | |
| 1J | Gold Handy & Harman Fabric Price | | | USGS | 02/19/2013 | |
| GW | Gold, Kilo | NYMEX | 01/26/2015 | | | |
| 1A | Iron Ore, 62% FE CFR China | | | USGS | 02/19/2013 | |
| IY | Iron Ore, 62% FE CFR China (TSI) | NYMEX | 05/13/2013 | | | |
| 8G | Iron Ore, 62% FE CFR China (TSI) | SGX | 05/06/2014 | | | |
| 8F | MD Iron Ore CFR China (58% Fe Fines) | SGX | 05/13/2015 | | | |
| 8H | TSI Iron Ore CFR China (58% Fe Fines) | SGX | 07/21/2015 | | | |
| YE | Iron Ore | DCE | 10/18/2013 | | | |
| VO | Lead | SHFE | 11/08/2011 | | | |
| LE | Lead | COMEX | 11/22/2015 | | | |
| 0D | Lead, Pig, Cash | | | LME | 04/26/1991 | |
| 3D | Lead, Pig, 3-month Forward | | | LME | 02/01/1977* | |
| 0L | Lead, Pig, Cash, Official Close | | | LME | 08/09/1990* | |
| 3L | Lead, Pig, 3-month Forward, Official Close | | | LME | 08/09/1990* | |
| 10 | Lead, Scrap, Smelter's Heavy, Soft | | | New York | 12/10/1985+ | |
| 58 | Mercury Quicksilver | | | New York | 02/03/1947*+ | |
| 0E | Molybdenum, Cash Official Close | | | | 04/09/2010 | |
| 3E | Molybdenum, 3-month Forward, Cash Official Close | | | | 04/09/2010 | |
| 6E | Molybdenum, 15-month Forward, Cash Official Close | | | | 04/09/2010 | |
| VN | Nickel | SHFE | 03/27/2015 | | | |

METALS (2/2)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|---|------------------|--------------------|------------------|-----------------|--------------------|
| 0N | Nickel, Cash | | | LME | 12/24/1987 | |
| 3N | Nickel, 3-month Forward | | | LME | 04/23/1979* | |
| 0I | Nickel, Cash, Official Close | | | LME | 06/24/1994+ | |
| 3I | Nickel, 3-month Forward, Official Close | | | LME | 06/24/1994+ | |
| S1 | Nickel Mini | HKFE | 12/14/2015 | | | |
| PA | Palladium | NYMEX | 01/03/1977 | New York | 01/02/1968* | |
| YA | Palladium | TOCOM | 12/21/1992+ | | | |
| 1O | Palladium Engelhard Ind-Bullion | | | USGS | 02/19/2013 | |
| 1P | Palladium Engelhard Fabricated | | | USGS | 02/19/2013 | |
| 48 | Palladium, London A.M. Fixing | LBMA | | London | 04/02/1990 | |
| 49 | Palladium, London P.M. Fixing | LBMA | | London | 04/02/1990 | |
| PL | Platinum | NYMEX | 03/04/1968 | ndust (Engelhard | 10/26/1967*+ | 10/16/1990+ |
| YT | Platinum | TOCOM | 12/21/1992+ | | | |
| IS | Platinum Mini | TOCOM | 05/24/2012 | | | |
| 1M | Platinum Engelhard Ind-Bullion | | | USGS | 02/19/2013 | |
| 1N | Platinum Engelhard Fabricated | | | USGS | 02/19/2013 | |
| 46 | Platinum, London A.M. Fixing | LBMA | | London | 04/02/1990 | |
| 47 | Platinum, London P.M. Fixing | LBMA | | London | 04/02/1990 | |
| YI | Silver | TOCOM | 12/21/1992+ | | | |
| S0 | Silver 1,000 Troy Oz. | NYMEX | 06/16/2013 | | | |
| SI | Silver 5,000 Troy Oz. | NYMEX | 06/12/1963 | Composite | 01/02/1947*+ | 03/03/1989+ |
| SE | Silver 5,000 Troy Oz. (USD) | NYMEX | 06/12/1963 | Composite | 01/02/1947*+ | 10/17/2018+ |
| YQ | Silver | SHFE | 05/14/2012 | | | |
| ZJ | Silver, 5000 oz | ICE-US | 10/05/2004 | | | 06/12/2006 |
| QI | Silver, Eminy | NYMEX | 12/04/2006 | | | |
| 59 | Silver, London Fixing | LBMA | | London | 10/07/1996*+ | |
| ZI | Silver, N.Y. Mini-sized | ICE-US | 10/01/2001 | | | |
| 56 | Silver Coins, \$1,000 Face Value | | | New York | 11/02/1978*+ | |
| 1G | Silver Engelhard Ind-Bullion | | | USGS | 02/19/2013 | |
| 1H | Silver Engelhard Fabricated | | | USGS | 02/19/2013 | |
| 1K | Silver Handy & Harman Base Price | | | USGS | 02/19/2013 | |
| 1L | Silver Handy & Harman Fabricated PRI | | | | | |
| 57 | Steel Scrap, No. 1 Heavy | | | Chicago | 01/07/1947*+ | |
| Q. | Steel Scrap TSI | TurkDex | 08/14/2017 | | | |
| X3 | Steel Billet | LME | 02/25/2008 | | | |
| 3G | Steel Scrap | LME | 11/23/2015 | | | |
| 3H | Steel Rebar | LME | 11/23/2015 | | | |
| RE | Steel Rebar | SHFE | 03/27/2009 | | | |
| 1V | St. Steel Scrap, US | | | USGS | 02/19/2013 | |
| RQ | Steel Wire Rod | SHFE | 03/27/2009 | | | |
| HF | Steel, U.S. Midwest Domestic Hot-Rolled Coil | NYMEX | 10/20/2008 | Midwest | 10/26/2012 | |
| 5B | Steel, Hot Rolled Coil | SHFE | 04/17/2014 | | | |
| 8L | Hot Rolled Coil Steel CFR ASEAN | SGX | 07/21/2017 | | | |
| VJ | Tin | SHFE | | | | |
| 0T | Tin, Refined, Cash | | | LME | 06/29/1989 | |
| 3T | Tin, Refined, 3-month Forward | | | LME | 05/31/1989 | |
| 0U | Tin, Refined, Cash, Official Close | | | LME | 06/24/1994+ | |
| 3U | Tin, Refined, 3-month Forward, Official Close | | | LME | 06/24/1994+ | |
| 6U | Tin, Refined, 15-month Forward, Official Close | | | LME | 02/12/2010 | |
| 54 | Tin Straights, Composite | | | New York | 02/03/1947*+ | |
| S2 | Tin Mini | HKFE | 12/14/2015 | | | |
| 27 | Tungsten | | | | 01/21/2011 | |
| OZ | Zinc, Special High Grade, Cash | | | LME | 11/03/1987 | |
| 3Z | Zinc, Special High Grade, 3-month Forward | | | LME | 01/03/1977* | |
| 0X | Zinc, Special High Grade, Cash, Official Close | | | LME | 06/24/1994+ | |
| 3X | Zinc, Special HG, 3-Mo. Forward, Official Close | | | LME | 06/24/1994+ | |
| 23 | Zinc, Prime Western, Domestic | | | | 01/03/1947* | |
| ZC | Zinc | COMEX | 06/26/2015 | | | |
| VH | Zinc | SHFE | 05/23/2007 | | | |
| CQ | London Zinc Mini | HKFE | 12/01/2014 | | | |

STOCK INDEXES (1/4)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|--|------------------|--------------------|------------|-----------------|--------------------|
| 1Z | Advance/Decline, NYSE | | | NYSE | 01/04/1982+ | |
| 2Z | Advance/Decline, NASDAQ | | | NASDAQ | 05/22/2002 | |
| AX | Amsterdam EOE Midkap Index | EOE | 03/95 - 05/96+ | EOE | 01/03/1983 | |
| AZ | Amsterdam AEX Index | EURONEXT | 08/23/2005 | EURONEXT | 03/29/1995 | 05/27/2011+ |
| AV | Ardour Global XL | CME | 09/28/2007 | | | |
| OU | ASX All Ordinaries | | | SFE | 08/03/1984 | |
| T5 | ATX 5 Index Futures | Eurex | 03/31/2014 | | | |
| X9 | Austrian ATX Index | Eurex | 03/31/2014 | | 11/11/1992 | |
| BL | Bel 20 Index | EURONEXT | 04/26/2005 | EURONEXT | 04/26/2005 | |
| QE | Bist 30 Index | TurkDex | 09/13/2013 | | | |
| ZE | Brazilian Bovespa | | | BRSE | 04/24/1993 | |
| N2 | Brazil ETF VIX | CFE | 11/15/2013 | | | |
| M7 | Burcap Buenos Aires | | | BASE | 11/07/2011 | |
| NU | BSE Sensex Index | | | SGX | 07/01/1997 | |
| O7 | BUX Budapest Index | BSE | 10/09/2013 | | | |
| MX | CAC-40 Index | EURONEXT | 08/18/1988* | EURONEXT | 10/27/1989+ | 09/18/2002+ |
| W0 | CBOE Volatility Index | | | CBOE | | |
| BI | CME Bloomberg Dollar Spot Index | CME | 04/15/2016 | | | |
| OT | CNX Nifty | NSE | 11/14/2008 | | | |
| O0 | CNX IT Index | NSE | 10/10/2013 | | | |
| 5E | CSI 300 Index | CFFEX | 01/04/2016 | | | |
| 5Q | CSI 500 Index | CFFEX | 01/04/2016 | | | |
| DF | Deutscher Aktienindex (DAX) | EUREX | 11/28/1990 | EUREX | 02/14/1990+ | 03/23/1994+ |
| DU | Mini Dax Index | EUREX | 10/28/2015 | | | |
| DQ | DivDAX Futures | EUREX | 10/01/2009 | | | |
| 9Y | DAX New Volatility Index | EUREX | 01/01/2016 | | | |
| X4 | DJIA Volatility Index | | | CFE | | |
| ZB | Dow Jones Composite Index | | | NYSE | 02/06/1985* | |
| GJ | Dow Jones Euro STOXX Dividend 30 Index | EUREX | 10/01/2009 | | | |
| DR | Dow Jones Euro STOXX Dividend 50 Index | EUREX | 03/05/2012 | | | |
| TV | Dow Jones Euro STOXX 50 Index Total Return | EUREX | 12/29/2017 | | | |
| P4 | STOXX Europe 600 Real Estate | EUREX | 05/13/2015 | | | |
| P5 | STOXX Europe 600 Automobiles & Parts | EUREX | 05/13/2015 | | | |
| N7 | Stoxx Europe Momentum Factor Futures | EUREX | 09/28/2018 | | | |
| P6 | STOXX 600 Health Care Index | EUREX | 05/13/2015 | | | |
| FX | Dow Jones Euro STOXX 50 Index | EUREX | 06/19/1998 | EUREX | 02/22/1999 | 09/18/2002 |
| FA | Dow Jones Euro STOXX Banks 600 Index | EUREX | 05/02/2005 | | | |
| OL | Dow Jones Euro STOXX Basic Resources Index | EUREX | 07/30/2012 | | | |
| M! | Dow Jones Euro STOXX Utilities | EUREX | 04/20/2015 | | | |
| DJ | Dow Jones Industrial Index | CBOT | 10/97-06/15* | NYSE | 01/02/1901 | 10/97-06/15+ |
| DA | Dow Jones Industrial Index | | | NYSE | 01/02/1901* | |
| ZM | Dow Jones Industrial Mini-Sized | CBOT | 04/05/2002 | CBOT | 01/04/2016* | |
| FT | Dow Jones Italy Titans 30 Index | EUREX | 09/03/2004 | EUREX | 04/26/2004 | |
| DH | Dow Jones Real Estate Index | CBOT | 02/23/2007 | | | |
| FS | Dow Jones STOXX 50 Index | EUREX | 10/30/2001 | EUREX | 02/22/1999 | |
| FB | Dow Jones STOXX Banks 600 Index | EUREX | 05/02/2005 | | | |
| FY | Dow Jones STOXX 600 | EUREX | 09/16/2005 | | | |
| FZ | Dow Jones STOXX Mid 200 | EUREX | 09/16/2005 | | | |
| TA | Dow Jones Transportation Index | | | NYSE | 01/02/1970* | |
| UA | Dow Jones Utilities Index | | | NYSE | 01/02/1970* | |
| RM | E-mini Russell 1000 Index | CME | 09/21/2015 | | | |
| TK | E-mini Russell 1000 Growth Index | CME | 09/21/2015 | | | |
| TL | E-mini Russell 1000 Value Index | CME | 09/21/2015 | | | |
| N3 | Emerging Markets VIX | CFE | 11/15/2013 | | | |
| W1 | Euro FX Volatility Index | | | CFE | 03/05/2009 | |
| F4 | Euro Stoxx Index | EUREX | 01/25/2013 | | | |
| F5 | Euro Stoxx Large | EUREX | 01/25/2013 | | | |
| F6 | Euro Stoxx Mid | EUREX | 01/25/2013 | | | |
| F7 | Euro Stoxx Small | EUREX | 01/25/2013 | | | |
| F8 | Stoxx Eur Large 200 | EUREX | 01/25/2013 | | | |
| F9 | Stoxx Eur Small 200 | EUREX | 01/25/2013 | | | |
| M0 | Stoxx Europe 600 Travel | EUREX | 03/03/2014 | | | |
| M2 | Stoxx Europe 600 Utilities | EUREX | 03/03/2014 | | | |
| M4 | Stoxx Europe 600 Telecom | EUREX | 03/03/2014 | | | |
| N5 | Euro Stoxx Telecom | EUREX | 03/03/2014 | | | |
| F0 | Euro Stoxx Chemicals Futures | EUREX | 02/10/2017 | | | |
| F3 | Euro Stoxx Industrial Goods and Service | EUREX | 02/10/2017 | | | |
| FG | Euro Stoxx Oil & Gas | EUREX | 02/10/2017 | | | |
| FO | Finnish Stock Index | EUREX | 01/25/2013 | | | |
| L. | FTSE Top 40 Capped Index | EUREX | 02/10/2017 | | | |

STOCK INDEXES (2/4)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|---|------------------|--------------------|------------|-----------------|--------------------|
| X- | FTSE 100 Index | ICE-LIFFE | 05/03/1984* | LIFFE | 04/02/1984+ | |
| 7X | FTSE 100 Dividend Index RDSA | ICE-LIFFE | 10/07/2016 | | | |
| Y- | FTSE 250 Index | ICE-LIFFE | 02/25/1994 | LIFFE | 01/04/2000 | |
| FM | FTSEuroFirst 80 | LIFFE | 06/27/2003 | | | |
| FJ | FTSEuroFirst 100 | LIFFE | 06/27/2003 | | | |
| LA | FTSE/JSE Financial Top 15 | SAFEX | 01/10/2014 | | | |
| LJ | FTSE/JSE Top 40 | SAFEX | 01/01/2004 | SAFEX | 01/01/2004 | |
| LI | FTSE/JSE Indi 25 | SAFEX | 01/01/2004 | | | |
| LL | FTSE/JSE Weighted Top 40 | SAFEX | 07/31/2013 | | | |
| L6 | FTSE 100 Equal Weighted Index | NYBOT | 12/21/2015 | | | |
| L7 | FTSE/Financial and Industrial 30 | SAFEX | 04/15/2016 | | | |
| K. | FTSE Capped Weighted Top 40 | SAFEX | 09/28/2018 | | | |
| EO | E-mini FTSE Emerging Index Futures | CME | 01/25/2016 | | | |
| DP | E-mini FTSE Developed Europe Index Futures | CME | 01/25/2016 | | | |
| ET | Mini FTSE MIB Index | ISE | 12/10/2012 | | | |
| HI | Gold HUI Bugs Index | | | NYSE | 05/05/1996 | |
| XA | Gold/Silver Index | | | PSE | 12/19/1983+ | |
| HS | Hang Seng Index | HKFE | 08/06/1987 | HKFE | 04/11/1986+ | |
| HH | H-Shares Index Futures | HKFE | 12/16/2003 | HKFE | 02/19/2004+ | |
| HL | H-Shares Mini Enterprise Index | HKFE | 08/10/2015 | | | |
| HM | Hang Seng Index, Mini | HKFE | 10/09/2000 | | | |
| E. | HSCEI Index Dividend Futures | HKFE | 10/10/2016 | | | |
| F. | HSI Dividend Index Futures | HKFE | 10/10/2016 | | | |
| IX | IBEX 35 Index | MEFF | 09/29/1992 | MEFF | 09/29/1992+ | |
| TZ | IBEX 35 Mini Index | MEFF | 02/15/2010 | | | |
| VI | Ibovespa | BMF | 05/22/2006 | | | |
| V9 | Ibovespa, Mini | BMF | 10/09/2013 | | | |
| VK | USD-Denominated Ibovespa | CME | 10/22/2012 | | | |
| J4 | JKSE Jakarta Index | | | JKSE | 11/07/2011 | |
| T- | Kapas V 797 | NCDEX | 11/15/2013 | | | |
| KS | Kospi 200 Index | KSE | 01/20/1998 | KSE | 02/05/1990+ | |
| KQ | Kospi Composite Index | | | KSE | 07/01/1997 | |
| KL | Kuala Lumpur Composite Index | KLSE | 12/95 - 10/01* | KLSE | 12/03/1993 | |
| LZ | LME LMEX Index | | | LME | 01/14/2000+ | |
| BC | Major Market Index (MMI) | CME | 08/85 - 02/99* | CME | 01/02/1980*+ | 10/11/1991+ |
| DT | MDAX Index | EUREX | 03/16/2005 | | | |
| OM | Mexican IPC Bolsa Index | | | MXSE | 11/08/1991 | |
| AB | Merval Buenos Aires Index | ROFEX | 02/12/2018 | ROFEX | 10/08/1996 | |
| A0 | BCLEAR MSCI EMI | ICE-LIFFE | 04/25/2014 | | | |
| S9 | BCLEAR MSCI World Index | ICE-LIFFE | 10/15/2014 | | | |
| U1 | mini MSCI Canada Index | ICE-US | 09/10/2012 | | | |
| U2 | mini MSCI World Index | ICE-US | 09/10/2012 | | | |
| U3 | mini MSCI Emerging Markets Latin America Inde | ICE-US | 09/10/2012 | | | |
| Y1 | mini MSCI EMI Index | ICE-US | 01/04/2010 | | | |
| A- | MSCI AC Far East Ex-Japan | ICE-US | 09/30/2014 | | | |
| Y0 | mini MSCI ACWI ex-US Index | ICE-US | 10/22/2013 | | | |
| X2 | mini MSCI ACWI ex-US NTR Index | ICE-US | 10/22/2013 | | | |
| X6 | mini MSCI ACWI Index | ICE-US | 10/22/2013 | | | |
| U7 | mini MSCI ACWI NTR Index | ICE-US | 10/22/2013 | | | |
| U9 | mini MSCI EM Asia Index | ICE-US | 10/22/2013 | | | |
| V0 | mini MSCI EMI NTR Index | ICE-US | 10/22/2013 | | | |
| Y2 | mini MSCI EAFE Index | ICE-US | 01/04/2010 | | | |
| Y3 | mini MSCI USA Index | ICE-US | 01/04/2010 | | | |
| Y4 | mini MSCI USA Value Mini | ICE-US | 10/06/2010 | | | |
| Y5 | mini MSCI USA Growth Mini | ICE-US | 09/30/2010 | | | |
| Y6 | mini MSCI EAFE NTR Index | ICE-US | 09/30/2010 | | | |
| Y7 | mini MSCI EM Asia NTR Index | ICE-US | 09/30/2010 | | | |
| Y8 | mini MSCI Euro Index | ICE-US | 10/29/2010 | | | |
| Y9 | mini MSCI Pan-Euro Index | ICE-US | 10/29/2010 | | | |
| W6 | mini MSCI Europe Index | ICE-US | 10/29/2010 | | | |
| W7 | mini MSCI Europe Growth Index | ICE-US | 10/29/2010 | | | |
| W8 | mini MSCI Europe Value Index | ICE-US | 10/29/2010 | | | |
| II | MIB SP Index | ISE | 09/14/2004 | ISE | 04/03/2003 | |
| LK | MSCI China Index Futures | EUREX | 05/02/2016 | | | |
| CZ | MSCI China Index Futures | SGX | 05/16/2016 | | | |
| L0 | MSCI Emerging Markets NT Index | ICE-LIFFE | 05/02/2016 | | | |
| AT | MSCI Europe Index Futures | EUREX | 02/02/2015 | | | |
| S5 | MSCI Europe NTR Eur Index | ICE-LIFFE | 11/17/2014 | | | |
| HK | MSCI Hong Kong Stock Index | SGX | 12/31/1998+ | SGX | 11/23/1998+ | |
| N1 | MSCI India Futures | ICE-LIFFE | 05/02/2016 | | | |

STOCK INDEXES (3/4)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|---|------------------|--------------------|------------|-----------------|--------------------|
| V7 | S&P 500 Total Return Index | CME | 05/07/2018 | | | |
| U! | TSE Mothers Index | OSAKA | 05/07/2018 | | | |
| V! | TSE REIT Index | OSAKA | 05/07/2018 | | | |
| IF | MSCI Indonesia Index | SGX | 06/24/2013 | SGX | 06/24/2013 | |
| SV | MSCI Singapore Index | SGX | 12/31/1998 | SGX | 01/14/1990 | |
| TD | MSCI Russia Index | EUREX | 11/05/2008 | | | |
| SS | MSCI Taiwan Index | SGX | 01/21/1997+ | | 12/31/1987*+ | |
| TQ | MSCI Taiwan Weighted Index | | | TFE | 07/02/1997 | |
| L4 | MSCI USA Equal Weighted NTR Index | NYBOT | 12/21/2015 | | | |
| AP | MSCI World Index Futures | EUREX | 08/25/2014 | | | |
| ZL | MSCI Emerging Markets Price Index Futures | EUREX | 05/14/2018 | | | |
| N6 | MSCI World Utilities | ICE-LIFFE | 08/27/2018 | | | |
| NN | NASDAQ 100 Index, E-mini | CME | 06/21/1999 | | 11/15/2004 | |
| NQ | NASDAQ 100 Index | CME | 04/10/1996 | CME | 06/19/1986+ | 04/10/1996+ |
| W4 | NASDAQ 100 VIX | CFE | 11/25/2013 | CFE | 10/29/2010 | |
| NA | NASDAQ BioTech Index | CME | 09/26/2005 | CME | 09/26/2005 | |
| QQ | NASDAQ Composite Index | CME | 10/27/2003+ | NASDAQ | 01/04/1971+ | |
| QZ | NASDAQ 100 Trust (QQQ) | NYSE | 06/06/2005 | NYSE | 03/20/2000 | |
| HT | NIKKEI 225 Dividends | SIMEX | 02/15/2011 | | | |
| NK | NIKKEI 225 Index | CME | 09/25/1990 | SIMEX | 05/31/1949 | 09/26/1990+ |
| NT | NIKKEI 225 Index | SGX | 12/04/2001 | | | |
| ND | NIKKEI 225 Mini | JPX | 01/25/2008 | | | |
| HQ | NIKKEI 225 Mini | SIMEX | 02/15/2011 | | | |
| NV | NIKKEI 225 Yen | CME | 02/24/2004 | | | |
| N0 | NIKKEI 225 Yen E-mini | CME | 04/10/2013 | | | |
| NX | NIKKEI 225 Index | SGX | 09/03/1986 | SGX | 01/02/1982*+ | 09/26/1994+ |
| NO | NIKKEI 225 Index | JPX | 06/19/1990 | JPX | 05/01/1990 | |
| N! | Nikkei 400 | JPX | 04/20/2015 | | | |
| OW | Norway OBX Index | | | OMX | 04/21/2006 | |
| AO | Oil Index | | | NYSE | 08/26/1983+ | |
| X1 | Gold Miners Index | ICE-US | 10/21/2013 | | | |
| YY | NYSE Composite Index, New | ICE | 03/07/2003 | ICE | 12/31/1965* | |
| MU | NYSE Composite Index, Small | ICE | 04/07/2003 | | | |
| FQ | NYSE FANG+ Index | NYSE | 11/08/2017 | | | |
| 1X | NYSE TRIN | | | NYSE | 05/23/2002 | |
| NZ | NZSX 50 Free Index | | | NZSE | 01/01/2003 | |
| 7N | NZX 20 Futures | SFE | 04/02/2015 | | | |
| PS | PHLX Semiconductor Index | | | PSE | 10/20/1995 | |
| PR | PSI 20 Index | EuroNext | 11/05/2008 | | | |
| OB | RDX USD Index (FRDX) | Eurex | 12/09/2016 | | | |
| YP | RTSI Index | | | MOSCOW | 01/05/2000 | |
| RI | Russell 1000 Index, E-mini | ICE | 05/11/2007 | | | |
| VU | Russell 1000 Growth Index | ICE | 05/09/2003 | ICE | 05/09/2003 | |
| VM | Russell 1000 Value Index | ICE | 05/09/2003 | ICE | 05/09/2003 | |
| R2 | Russell 2000 Index | ICE | 09/19/2003 | ICE | 09/19/2003 | |
| QR | Russell 2000 Index, E-mini | CME | 05/09/2003 | CME | 12/29/1978 | |
| RJ | Russell 2000 Index, Mini | ICE | 05/09/2003 | ICE | 12/29/1978 | |
| RG | Russell 2000 Growth Index, E-mini | CME | 09/24/2004 | CME | 09/24/2004 | |
| RV | Russell 2000 Value Index, E-mini | CME | 09/24/2004 | CME | 09/24/2004 | |
| E! | Russell UK Mid 150 Net Return | ICE-US | 06/29/2015 | | | |
| QT | iShares Russell 2000 (IWM) | NYSE | 06/20/2005 | NYSE | 05/26/2000 | |
| 1W | SMMI, 50-Day O/U Ratio | | | NYSE | 11/02/1981 | |
| SX | S&P 100 Index | CME | 08/82 - 09/86* | CBOE | 01/02/1976*+ | |
| W3 | S&P 100 VIX | | | CFE | 10/29/2010 | |
| MD | S&P 400 MidCap Index | CME | 02/13/1992 | CME | 01/02/1981*+ | 02/13/1992+ |
| MZ | S&P 400 MidCap Index, E-mini | CME | 01/28/2002 | | | |
| ES | S&P 500 Index, E-mini | CME | 09/09/1997 | CME | 01/02/1928*+ | 09/09/1997+ |
| SP | S&P 500 Index | CME | 04/21/1982 | CME | 01/02/1928*+ | 01/28/1983+ |
| T7 | S&P 500 EOM Index Options | CME | | | | 08/28/2006 |
| T8 | S&P 500 E-mini EOM Index Options | CME | | | | 08/28/2006 |
| SJ | S&P 500 Barra Growth Index | CME | 11/06/1995 | CME | 11/06/1995+ | 01/25/1996+ |
| SU | S&P 500 Barra Value Index | CME | 11/06/1995 | CME | 11/06/1995+ | 01/25/1996+ |
| Z9 | S&P 500 Dividend Futures | CME | 10/10/2016 | | | |
| S4 | S&P MLP Total Return Index | CME | 11/15/2015 | | | |
| ST | S&P SmallCap 600 Index | CME | 08/27/2007 | CME | 06/05/1995 | |
| X5 | S&P SmallCap 600 Index, E-mini | CME | 11/25/2002 | CBOE | 06/05/1995 | |
| NH | S&P CNX Nifty Index | SGX | 09/25/2000+ | SGX | 09/25/2000+ | |
| O4 | S&P CNX Bank Nifty Index | NSE | 09/10/2014 | | | |
| OJ | S&P Nifty Index, E-Micro | CME | 07/19/2010 | | | |
| MS | S&P Europe 350 Index | MEFF | 06/21/2001 | CME | 06/21/1996+ | |

STOCK INDEXES (4/4)

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|--|------------------|--------------------|------------|-----------------|--------------------|
| BJ | S&P Consumer Discretionary Sector | CME | 03/14/2011 | | | |
| SI | MSCI India Futures Index | SGX | 05/23/2018 | | | |
| AY | MSCI India Futures | EUREX | 05/25/2018 | | | |
| AF | Euro STOXX 50 AutoMobile & Parts | EUREX | 05/25/2018 | | | |
| NL | iSTOXX Europe Quality Factor Futures | EUREX | 07/26/2018 | | | |
| BN | S&P Consumer Staples Sector | CME | 03/14/2011 | | | |
| CX | S&P Communications Service | CME | 09/10/2018 | | | |
| QY | S&P Dep Receipts SPDRS (SPY) | NYSE | 06/06/2005 | NYSE | 01/29/1993 | |
| BU | S&P Energy Sector | CME | 03/14/2011 | | | |
| BV | S&P Financial Sector | CME | 03/14/2011 | | | |
| BW | S&P Health Sector | CME | 03/14/2011 | | | |
| JA | S&P Industrial Sector | CME | 03/14/2011 | | | |
| JD | S&P Materials Sector | CME | 03/14/2011 | | | |
| BX | S&P Real Estate Index | CME | 09/02/2016 | | | |
| JL | S&P Technology Sector | CME | 03/14/2011 | | | |
| JJ | S&P Utilities Sector | CME | 03/14/2011 | | | |
| HN | SGX FTSE China A50 | SIMEX | 02/15/2011 | | | |
| PG | Shanghai Class A Index | | | SSE | 11/19/2001 | |
| TC | Shanghai Class B Index | | | SSE | 11/18/2008 | |
| PE | Shanghai Composite Index | | | SSE | 08/17/2007 | |
| PI | Share Price Index 200 | SFE | 05/02/2000 | SFE | 7/31/1996+ | |
| PC | Shenzhen Composite Index | | | SZSE | 01/01/2000 | |
| PH | Shenzhen Class A Index | | | SZSE | 11/19/2001 | |
| TJ | Shenzhen Class B Index | | | SZSE | 11/18/2008 | |
| G9 | SPI 200 A-REIT | SFE | 12/03/2014 | | | |
| 5C | SSE 50 Index | CFEX | 01/04/2016 | | | |
| TI | Straits Times Index | SGX | 06/29/2000 | SGX | 01/04/1985+ | |
| OC | Stoxx Real Estate 50 (FESL) | EUREX | 12/09/2016 | | | |
| OX | Swedish OMX Index | OMX | 01/27/2012 | OMX | 10/26/1999+ | |
| PD | E-mini IPOX US Index | CME | 03/07/2016 | | | |
| SQ | Swiss Leader Index | EUREX | 10/01/2009 | | | |
| SZ | Swiss Market Index (SMI) | EUREX | 04/17/1991 | EUREX | 04/17/1991+ | |
| FN | Swiss Midcap Index | EUREX | 09/19/2005 | | | |
| QK | Stoxx Europe 600 Oil & Gas | EUREX | 03/08/2018 | | | |
| QL | Stoxx Europe 600 Basic Resources | EUREX | 03/08/2018 | | | |
| QM | Stoxx Europe 600 Technology | EUREX | 03/08/2018 | | | |
| Qp | Stoxx Europe 600 Media | EUREX | 03/08/2018 | | | |
| DZ | TechDAX | EUREX | 04/07/2003 | | | |
| TE | Thai Set50 Index | TFEX | 08/24/2007 | TFEX | 01/01/2000 | |
| TT | TOPIX Index | JPX | 08/14/1990+ | JPX | 11/16/1988+ | |
| TO | Topix Mini Index | JPX | 02/15/2010 | | | |
| V. | TOPIX Bank Index | JPX | 03/01/2018 | | | |
| TP | Toronto 60 Index | MNTRL | 09/07/1999 | MNTRL | 01/06/1999+ | |
| TR | S&P TSX Index | | | TSX | 05/27/1987*+ | |
| QP | Stoxx Europe 600 Media | EUREX | 05/02/2018 | | | |
| MI | Euro Stoxx 50 Personal & House Goods | EUREX | 05/02/2018 | | | |
| MK | Euro Stoxx 50 Retail | EUREX | 05/02/2018 | | | |
| ML | Europe 600 Insurance | EUREX | 05/02/2018 | | | |
| MM | Europe 600 Construction & Materials | EUREX | 05/02/2018 | | | |
| MN | Europe 600 Food & Beverage | EUREX | 05/02/2018 | | | |
| MQ | Europe 600 Industrial Goods & Services | EUREX | 05/02/2018 | | | |
| MT | Europe 600 Retail | EUREX | 05/02/2018 | | | |
| MU | Europe 600 Personal & Household Goods | EUREX | 05/02/2018 | | | |
| MY | Global Select Dividend 100 Index | EUREX | 05/02/2018 | | | |
| LS | Europe 600 Chemicals | EUREX | 05/02/2018 | | | |
| LT | Europe 600 Financial Services | EUREX | 05/02/2018 | | | |

STOCK MARKET - ETF'S

| SYMBOL | FUTURES/CASH DESCRIPTION | FUTURES EXCHANGE | FUTURES Start Date | CASH BASIS | CASH Start Date | OPTIONS Start Date |
|--------|-----------------------------------|------------------|--------------------|------------|-------------------|--------------------|
| PF | TSX 60 Mini Index | MNTRL | 05/18/2011 | | | |
| MV | Value-Line/ Arithmetic Index | CBOT | 08/83-03/08* | CBOT | 01/03/1983*+ | 07/92-01/00+ |
| VG | Value-Line/Geometric Index | | | CBOT | 06/30/1961*+ | |
| VX | Volatility Index | CFE | 04/05/2004 | CBOE | 01/02/1990+ | |
| DI | VSTOXX mini futures | EUREX | 11/12/2012 | | | |
| V1 | Composite Volume all US Exchanges | | | | | |
| V2 | NYSE Volume | | | | | |
| V3 | Nasdaq Volume | | | | | |
| B0 | iShares Barclay 7-10yr ETF | | | NYSE | 07/31/2002 | |
| B8 | S&P GSCI Commodity ETF | | | NYSE | 07/21/2006 | |
| C1 | Currencyshares AUD ETF | | | NYSE | 06/26/2006 | |
| C4 | Currencyshares CAD ETF | | | NYSE | 06/26/2006 | |
| C5 | Currencyshares MXN ETF | | | NYSE | 06/26/2006 | |
| J7 | Currencyshares EURO ETF | | | NYSE | 12/12/2005 | |
| M1 | Currencyshares GBP ETF | | | NYSE | 06/26/2006 | |
| M6 | Currencyshares JPY ETF | | | NYSE | 02/13/2007 | |
| Q0 | iShares Silver ETF Trust (SLV) | | | NYSE | 04/28/2006 | |
| Q1 | ML Semiconductor HLDR1240 | | | NYSE | 05/05/2000 | |
| Q2 | Energy Select SPDR | | | NYSE | 01/03/2000 | |
| Q3 | Streettrackers Gold TR | | | NYSE | 11/18/2004 | |
| Q4 | iShares DJ EST INX | | | NYSE | 06/19/2000 | |
| Q5 | iShares MSCI Japan IN | | | NYSE | 01/30/2000 | |
| Q6 | S&P Mid Deposit Receipt | | | NYSE | 01/03/2000 | |
| Q7 | iShares Lehman 20 yr | | | NYSE | 07/26/2002 | |
| Q8 | iShares MSCI EAFE FD | | | NYSE | 08/17/2001 | |
| Q9 | Financial Sel SPDR | | | NYSE | 01/03/2000 | |
| Q- | US Crude Oil ETF (USO) | | | NYSE | 04/28/2006 | |
| QX | Diamonds Trust | | | NYSE | 01/20/1998 | |
| WN | Gold ETF VIX | CFE | 04/08/2011 | | | |