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2019

Futures Calendar & Reference Guide

JANUARY 2019



MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>1</p> <p>NEW YEAR'S DAY</p> <p>ALL REPORT TIMES ARE CENTRAL FN: First Notice Day LT: Last Trading Day Futures LTO: Last Trading Day Options ^ Tentative Date * Rainfall averages from 1991-2015. Source: The World Bank. Report and exchange dates can change without notice; please verify.</p>	<p>2</p> <p>Cotton System 2:00 Fats & Oils 2:00 Grain Crushings 2:00 API Energy Stocks 3:30 FN: Jan OJ LT: Dec'18 Butter/Milk LTO: Dec'18 Butter/Milk</p>	<p>3</p> <p>Jobless Claims 7:30 Construction Spending 9:00 ISM Manufacturing Index 9:00 EIA Energy Stocks 10:00 Dairy Products Sales 2:00 FN: Jan NY RBOB & ULSD LTO: Jan ICE Gasoil</p>	<p>4</p> <p>Export Sales 7:30 Unemployment 7:30 EIA Gas Storage 9:30 LTO: Jan Austral 90-Day Bills/ Can\$/Currencies/L Cattle/Mx Peso/ US Dollar Feb ICE Cocoa</p>	<p>5</p>	
<p>7</p> <p>Factory Orders 9:00 ISM Non-Manufacturing Index 9:00 Export Inspections 10:00</p>	<p>8</p> <p>US Trade Balance 7:30 Consumer Credit 2:00 API Energy Stocks 3:30</p>	<p>9</p> <p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00</p>	<p>10</p> <p>Export Sales 7:30 Jobless Claims 7:30 Wholesale Trade 7:30 EIA Gas Storage 9:30 FN: Jan ICE Gasoil LT: Jan SGX Nikkei/ICE Gasoil/OJ LTO: Jan OSE & SGX Nikkei/TOPIX Mar Palm Oil</p>	<p>11</p> <p>CPI 7:30 Real Earnings 7:30 Crop Production (& Ann.) 11:00 Grain Stocks 11:00 USDA Supply/Demand 11:00 Winter Wheat Seedings 11:00 LTO: Jan Euribor/Eurodollar/ Short Sterling Feb ICE Coffee</p>	<p>12</p>
<p>14</p> <p>COMING OF AGE DAY (JAPAN)</p> <p>Export Inspections 10:00 LT: Jan BAX/Canola/Eurodollar/ Mx Peso/Rice/Soybeans/Soymeal/ Soyoil</p>	<p>15</p> <p>PPI 7:30 NOPA Crush 11:00 API Energy Stocks 3:30 LT: Jan Lumber/Palm Oil/R Ruble LTO: Jan Austral Bonds/R Ruble Feb Rapeseed/Sugar-11</p>	<p>16</p> <p>Business Inventories 7:30 Retail Sales 7:30 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FN: Jan Lumber LT: Jan Short Sterling/SP-GSCI LTO: Feb ICE WTI Crude/ NY Crude Lt/ NY Platinum & Palladium</p>	<p>17</p> <p>Export Sales 7:30 Housing Starts & Pmts 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 LT: Jan SPI 200 LTO: Jan S&P TSX 60/SPI 200</p>	<p>18</p> <p>Capacity Utilization 8:15 Industrial Production 8:15 FN: Feb ICE WTI Crude LT: Jan CAC 40/IBEX/Single Stocks Feb ICE WTI Crude LTO: Jan CAC 40/CME Nikkei/DAX/ Euro STOXX/FTSE 100/IBEX/SMI/ STOXX Feb CGB/OJ</p>	<p>19</p>
<p>21</p> <p>MARTIN LUTHER KING, JR. DAY</p> <p>Full Moon</p>	<p>22</p> <p>Export Inspections 10:00 Cold Storage^ 2:00 LT: Feb NY Crude Lt</p>	<p>23</p> <p>API Energy Stocks 3:30</p>	<p>24</p> <p>Jobless Claims 7:30 EIA Gas Storage 9:30 EIA Energy Stocks 10:00 Dairy Products Sales 2:00 FN: Feb NY Crude Lt</p>	<p>25</p> <p>Adv Durable Goods 7:30 Export Sales 7:30 New Home Sales 9:00 Cattle On Feed 2:00 LT: Jan Bitcoin/Ldn Coffee/ TOCOM RSS3 Rubber Feb TOCOM Gasoline & Kerosene LTO: Feb 2Yr,5Yr,10Yr Notes/Bonds/ Canola/Chi,KC,MN Wheat/Corn/ Euro Bobl/Euro Bund/Euro Schatz/ ICE Nat Gas/Long Gilt/Oats/Rice/ Soybeans/Soymeal/Soyoil</p>	<p>26</p>
<p>28</p> <p>AUSTRALIA DAY OBSERVED</p> <p>Export Inspections 10:00 LTO: Feb Copper/NY Gold & Silver/ NY Nat Gas/NY RBOB & ULSD Mar ICE Brent Crude</p>	<p>29</p> <p>Consumer Confidence 9:00 API Energy Stocks 3:30 FOMC Meeting LT: Jan Butter/Copper/Milk/ NY Gold & Silver/ NY Platinum & Palladium Feb NY Nat Gas LTO: Jan Butter/Milk</p>	<p>30</p> <p>GDP (Q4 '18) 7:30 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FOMC Meeting FN: Feb ICE Nat Gas/NY Nat Gas LT: Jan Hang Seng Feb ICE Nat Gas LTO: Jan Hang Seng</p>	<p>31</p> <p>Employment Cost Index 7:30 Export Sales 7:30 Jobless Claims 7:30 Personal Income 7:30 Chicago PMI 9:00 EIA Gas Storage 9:30 Cattle 2:00 FN: Feb Copper/NY Gold & Silver/ NY Platinum & Palladium Mar ICE Brent Crude LT: Jan Fdr Cattle/Fed Funds/ TOCOM Crude Oil TOCOM TSR20 Rubber Feb Brazilian Real/NY RBOB/ NY ULSD/Rapeseed/SICOM Rubber/ TOCOM Crude Oil Mar ICE Brent Crude LTO: Jan Fdr Cattle/Fed Funds Feb Brazilian Real/JGB/Lumber</p>	<p>Holidays listed are not necessarily exchange holidays.</p> <p>Currencies = Euro, Japanese Yen, Swiss Franc, British Pound & Australian Dollar</p>	

MARCH 2019



MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>ALL REPORT TIMES ARE CENTRAL FN: First Notice Day LT: Last Trading Day Futures LTO: Last Trading Day Options ^ Tentative Date * Rainfall averages from 1991-2015. Source: The World Bank. Report and exchange dates can change without notice; please verify.</p>	<p>Holidays listed are not necessarily exchange holidays. Currencies = Euro, Japanese Yen, Swiss Franc, British Pound & Australian Dollar</p>			<p>1</p> <p>Personal Income 7:30 Construction Spending 9:00 ISM Manufacturing Index 9:00 Cotton System (& Ann.) 2:00 Fats & Oils (& Ann.) 2:00 Grain Crushings (& Ann.) 2:00 FN: Mar Black Sea Wheat/OJ/Sugar-11 LTO: Mar Austral 90-Day Bills/ L Cattle Apr ICE Cocoa</p>	<p>2</p>
<p>4</p> <p>Export Inspections 10:00 FN: Mar NY RBOB & ULSD</p>	<p>5</p> <p>ISM Non-Manufacturing Index 9:00 API Energy Stocks 3:30 LTO: Mar ICE Gasoil</p>	<p>6 ASH WEDNESDAY</p> <p>Factory Orders 9:00 EIA Energy Stocks 9:30 Dairy Products Sales 2:00</p>	<p>7</p> <p>Export Sales 7:30 Jobless Claims 7:30 US Trade Balance 7:30 EIA Gas Storage 9:30 Consumer Credit 2:00 LT: Mar Austral 90-Day Bills/BONO/ CME,OSE,SGX Nikkei/Cotton/ Euro Bobl/Euro Bund/Euro Buxl/ Euro Schatz/TOPIX LTO: Mar CME,OSE,SGX Nikkei/ TOPIX</p>	<p>8</p> <p>Unemployment 7:30 Wholesale Trade 7:30 Crop Production 11:00 USDA Supply/Demand 11:00 LTO: Mar Can\$/Currencies/Mx Peso/ US Dollar Apr ICE Coffee May Palm Oil</p>	<p>9 DAYLIGHT SAVINGS TIME BEGINS (10th)</p>
<p>11</p> <p>Export Inspections 10:00 LT: Mar Milling Wheat/OJ</p>	<p>12</p> <p>CPI 7:30 Real Earnings 7:30 API Energy Stocks 3:30 FN: Mar ICE Gasoil/Milling Wheat LT: Mar ICE Gasoil</p>	<p>13</p> <p>PPI 7:30 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 LT: Mar JGB/NZ 90-Day Bills LTO: Mar NZ 90-Day Bills</p>	<p>14</p> <p>Business Inventories 7:30 Export Sales 7:30 Jobless Claims 7:30 Retail Sales 7:30 EIA Gas Storage 9:30 LT: Mar Canola/Chi,KC,MN Wheat/ Corn/ICE Cocoa/Ldn Cocoa/Oats/ Rice/S&P 500/S&P TSX 60/ Soybeans/Soymeal/Soyoil LTO: Mar Austral Bonds/ S&P 500/S&P TSX 60</p>	<p>15</p> <p>Capacity Utilization 8:15 Industrial Production 8:15 NOPA Crush 11:00 FN: Mar Ldn Cocoa LT: Mar Austral Bonds/CAC 40/ E-mini Dow, S&P 500, NASDAQ/ DAX/Euro STOXX/FTSE 100 & 250/ IBEX/Lumber/Palm Oil/R Ruble/ Russell/Single Stocks/SMI/SP-GSCI/ STOXX LTO: Mar CAC 40/DAX/E-mini Dow/ E-mini S&P 500, NASDAQ/ Euro STOXX/FTSE 100/IBEX/ R Ruble/Russell/SMI/STOXX Apr CGB/ICE WTI Crude/ NY Crude Lt/OJ/Sugar-11</p>	<p>16 ST. PATRICK'S DAY (17th)</p>
<p>18</p> <p>Export Inspections 10:00 FN: Mar Lumber LT: Mar BAX/Currencies/Euribor/ Eurodollar/Mx Peso/US Dollar LTO: Mar BAX/Euribor/Eurodollar</p>	<p>19</p> <p>Housing Starts & Pmts 7:30 API Energy Stocks 3:30 FOMC Meeting FN: Apr ICE WTI Crude LT: Mar Can\$/ICE Coffee Apr ICE WTI Crude</p>	<p>20 SPRING BEGINS Full Moon</p> <p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FOMC Meeting LT: Mar 10Yr Notes/Bonds/CGB/ Short Sterling Apr NY Crude Lt LTO: Mar Short Sterling Apr NY Platinum & Palladium</p>	<p>21 SPRING EQUINOX DAY (JAPAN)</p> <p>Export Sales 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 LT: Mar SPI 200 LTO: Mar SPI 200</p>	<p>22</p> <p>Cattle On Feed 2:00 Cold Storage* 2:00 FN: Apr NY Crude Lt LTO: Apr 2Yr,5Yr,10Yr Notes/Bonds/ Canola/Chi,KC,MN Wheat/Corn/ Long Gilt/Oats/Rice/Soybeans/ Soymeal/Soyoil</p>	<p>23</p>
<p>25</p> <p>New Home Sales 9:00 Export Inspections 10:00 LT: Mar Ldn Coffee/ TOCOM RSS3 Rubber Apr TOCOM Gasoline & Kerosene</p>	<p>26</p> <p>Adv Durable Goods 7:30 Consumer Confidence 9:00 API Energy Stocks 3:30 LTO: Apr Copper/NY Gold & Silver/ NY Nat Gas/NY RBOB & ULSD May ICE Brent Crude</p>	<p>27</p> <p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00 LT: Mar Copper/Long Gilt/ NY Gold & Silver/ NY Platinum & Palladium Apr NY Nat Gas LTO: Apr ICE Nat Gas</p>	<p>28</p> <p>Export Sales 7:30 GDP (Q4 '18) 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 Hogs & Pigs 2:00 FN: Apr ICE Nat Gas/NY Nat Gas LT: Mar Fdr Cattle/Hang Seng Apr ICE Nat Gas LTO: Mar Fdr Cattle/Hang Seng</p>	<p>29</p> <p>Personal Income 7:30 Chicago PMI 9:00 Grain Stocks 11:00 Prospective Plantings 11:00 FN: Apr Copper/NY Gold & Silver/ NY Platinum & Palladium May ICE Brent Crude LT: Mar 2Yr,5Yr Notes/Bitcoin/ Fed Funds/TOCOM Crude Oil Apr Brazilian Real/NY RBOB/ NY ULSD/SICOM Rubber/ TOCOM TSR20 Rubber May ICE Brent Crude LTO: Mar Fed Funds Apr Brazilian Real/Euro Bobl/ Euro Bund/Euro Schatz/JGB/Lumber</p>	<p>30</p>

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>1</p> <p>Construction Spending 9:00 ISM Manufacturing Index 9:00 Export Inspections 10:00 Cotton System 2:00 Fats & Oils 2:00 Grain Crushings 2:00 Crop Progress 3:00 LTO: May Ldn Wht Sugar</p>	<p>2</p> <p>API Energy Stocks 3:30 FN: Apr NY RBOB & ULSD LT: Mar Butter/Milk LTO: Mar Butter/Milk</p>	<p>3</p> <p>US Trade Balance 7:30 Factory Orders 9:00 ISM Non-Manufacturing Index 9:00 EIA Energy Stocks 9:30 Dairy Products Sales 2:00</p>	<p>4</p> <p>Export Sales 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 LTO: Apr ICE Gasoil</p>	<p>5 QING MING JIE (CHINA)</p> <p>Unemployment 7:30 Consumer Credit 2:00 LTO: Apr Austral 90-Day Bills/ Can\$/Currencies/L Cattle/Mx Peso/ US Dollar May ICE Cocoa</p>	<p>6</p>
<p>8</p> <p>Export Inspections 10:00 Crop Progress 3:00 FN: Apr L Cattle LT: May Sugar-16</p>	<p>9</p> <p>Crop Production 11:00 USDA Supply/Demand 11:00 API Energy Stocks 3:30 FN: May Sugar-16</p>	<p>10</p> <p>CPI 7:30 Real Earnings 7:30 Wholesale Trade 7:30 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 LTO: Jun Palm Oil</p>	<p>11</p> <p>Export Sales 7:30 Jobless Claims 7:30 PPI 7:30 EIA Gas Storage 9:30 FN: Apr ICE Gasoil LT: Apr ICE Gasoil/SGX Nikkei LTO: Apr OSE & SGX Nikkei/TOPIX</p>	<p>12</p> <p>LT: Apr Hogs LTO: Apr Euribor/Eurodollar/Hogs/ Short Sterling May Cotton/ICE Coffee</p>	<p>13</p>
<p>15</p> <p>Export Inspections 10:00 NOPA Crush 11:00 Crop Progress 3:00 LT: Apr BAX/Eurodollar/Mx Peso/ Palm Oil/YR Ruble/SP-GSCI May Ldn Wht Sugar LTO: Apr Austral Bonds/R Ruble May Milling Wheat/Rapeseed/ Sugar-11</p>	<p>16</p> <p>Business Inventories 7:30 Retail Sales 7:30 Capacity Utilization 8:15 Industrial Production 8:15 API Energy Stocks 3:30 FN: May ICE Cocoa/Ldn Wht Sugar LTO: May ICE WTI Crude/ NY Crude Lt</p>	<p>17</p> <p>Housing Starts & Pmts 7:30 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 LT: Apr Short Sterling LTO: Apr S&P TSX 60 May Ldn Coffee/ NY Platinum & Palladium</p>	<p>18</p> <p>Export Sales 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 Cattle On Feed 11:00^ FN: May ICE WTI Crude LT: Apr CAC 40/Fdr Cattle/IBEX/ Single Stocks/SPI 200 May ICE WTI Crude LTO: Apr CAC 40/DAX/Euro STOXX/ Fdr Cattle/FTSE 100/IBEX/SMI/ SPI 200/STOXX May CGB/OJ</p>	<p>19 GOOD FRIDAY</p> <p>Full Moon</p> <p>LTO: Apr CME Nikkei^</p>	<p>20 1st DAY OF PASSOVER</p> <p>EASTER (21st)</p>
<p>22 EASTER MONDAY</p> <p>Export Inspections 10:00 Crop Progress 3:00 FN: May ICE Coffee LT: Apr TOCOM RSS3 Rubber May NY Crude Lt LTO: Apr TOCOM Gold</p>	<p>23</p> <p>New Home Sales 9:00 Cold Storage^ 2:00 API Energy Stocks 3:30 LT: Apr TOCOM Gold, Palladium, Platinum, Silver</p>	<p>24</p> <p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FN: May Cotton/NY Crude Lt LT: May TOCOM Gasoline & Kerosene</p>	<p>25 ANZAC DAY (AUSTRALIA)</p> <p>Adv Durable Goods 7:30 Export Sales 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 FN: May Ldn Coffee LT: May TOCOM TSR20 Rubber LTO: May Copper/NY Gold & Silver/ NY Nat Gas/NY RBOB & ULSD Jun ICE Brent Crude</p>	<p>26</p> <p>GDP (Q1 '19) 7:30 LT: Apr Bitcoin/Copper/NY Gold/ NY Silver/NY Platinum & Palladium/ TOCOM Crude Oil May NY Nat Gas LTO: May 2Yr,5Yr,10Yr Notes/Bonds/ Canola/Chi,KC,MN Wheat/Corn/ Euro Bobl/Euro Bund/Euro Schatz/ ICE Nat Gas/Long Gilt/Oats/Rice/ Soybeans/Soymeal/Soyoil</p>	<p>27</p>
<p>29 SHOWA DAY (JAPAN)</p> <p>Personal Income 7:30 Export Inspections 10:00 Crop Progress 3:00 FN: May ICE Nat Gas/NY Nat Gas LT: Apr Hang Seng May ICE Nat Gas LTO: Apr Hang Seng</p>	<p>30</p> <p>Employment Cost Index 7:30 Chicago PMI 9:00 Consumer Confidence 9:00 API Energy Stocks 3:30 FOMC Meeting FN: May Canola/Chi,KC,MN Wheat/ Copper/Corn/NY Gold & Silver/ NY Platinum & Palladium/Oats/Rice/ Soybeans/Soymeal/Soyoil Jun ICE Brent Crude LT: Apr Butter/Fed Funds/L Cattle/ Milk May Black Sea Wheat/ Brazilian Real/NY RBOB & ULSD/ Rapeseed/SICOM Rubber/Sugar-11 Jun ICE Brent Crude</p>	<p>Continued from the 30th: LTO: Apr Butter/Fed Funds/Milk May Brazilian Real/JGB/Ldn Cocoa/ Lumber</p>			<p>ALL REPORT TIMES ARE CENTRAL</p> <p>FN: First Notice Day LT: Last Trading Day Futures LTO: Last Trading Day Options ^ Tentative Date * Rainfall averages from 1991-2015. Source: The World Bank. Report and exchange dates can change without notice; please verify.</p>

Holidays listed are not necessarily exchange holidays.

Currencies = Euro, Japanese Yen, Swiss Franc, British Pound & Australian Dollar

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>ALL REPORT TIMES ARE CENTRAL FN: First Notice Day LT: Last Trading Day Futures LTO: Last Trading Day Options ^ Tentative Date * Rainfall averages from 1991-2015. Source: The World Bank. Report and exchange dates can change without notice; please verify.</p>	<p>Holidays listed are not necessarily exchange holidays.</p> <p><i>Currencies = Euro, Japanese Yen, Swiss Franc, British Pound & Australian Dollar</i></p>	<p>1 MAY DAY/LABOR DAY (VARIOUS COUNTRIES)</p> <p>Construction Spending 9:00 ISM Manufacturing Index 9:00 EIA Energy Stocks 9:30 Cotton System 2:00 Dairy Products Sales 2:00 Fats & Oils 2:00 Grain Crushings 2:00 FOMC Meeting FN: May Black Sea Wheat/OJ/ Sugar-11</p>	<p>2</p> <p>Export Sales 7:30 Jobless Claims 7:30 Factory Orders 9:00 EIA Gas Storage 9:30 FN: May NY RBOB & ULSD/ Rapeseed LTO: May ICE Gasoil</p>	<p>3 CONSTITUTION MEMORIAL DAY (JAPAN)</p> <p>Unemployment 7:30 ISM Non-Manufacturing Index 9:00 LTO: May Austral 90-Day Bills/ Can\$/Currencies/L Cattle/Mx Peso/ US Dollar Jun ICE Cocoa</p>	<p>4 GREENERY DAY (JAPAN)</p>
<p>6 EARLY MAY BANK HOLIDAY (UK) CHILDREN'S DAY OBSERVED (JAPAN) RAMADAN BEGINS</p> <p>Export Inspections 10:00 Crop Progress 3:00</p>	<p>7</p> <p>US Trade Balance 7:30 Consumer Credit 2:00 API Energy Stocks 3:30</p>	<p>8</p> <p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00 LT: May Cotton</p>	<p>9</p> <p>Export Sales 7:30 Jobless Claims 7:30 PPI 7:30 Wholesale Trade 7:30 EIA Gas Storage 9:30 LT: May SGX Nikkei LTO: May OSE & SGX Nikkei/TOPIX</p>	<p>10</p> <p>CPI 7:30 Real Earnings 7:30 Crop Production 11:00 USDA Supply/Demand 11:00 FN: May ICE Gasoil LT: May ICE Gasoil/Milling Wheat/OJ LTO: May Euribor/Eurodollar/ Short Sterling Jun ICE Coffee Jul Palm Oil</p>	<p>11 MOTHERS' DAY (12th)</p>
<p>13</p> <p>Export Inspections 10:00 Crop Progress 3:00 FN: May Milling Wheat LT: May BAX/Eurodollar/Mx Peso</p>	<p>14</p> <p>API Energy Stocks 3:30 LT: May Canola/Chi,KC,MN Wheat/ Corn/Hogs/Oats/Rice/Soybeans/ Soymeal/Soyoil LTO: May Hogs</p>	<p>15</p> <p>Business Inventories 7:30 Retail Sales 7:30 Capacity Utilization 8:15 Industrial Production 8:15 EIA Energy Stocks 9:30 NOPA Crush 11:00 Dairy Products Sales 2:00 LT: May ICE Cocoa/Ldn Cocoa/ Lumber/Palm Oil/R Ruble/ Short Sterling/SP-GSCI LTO: May Austral Bonds/R Ruble Jun NY Platinum & Palladium/ Sugar-11</p>	<p>16</p> <p>Export Sales 7:30 Housing Starts & Pmts 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 FN: May Ldn Cocoa/Lumber LT: May SPI 200 LTO: May S&P TSX 60/SPI 200 Jun ICE WTI Crude/NY Crude Lt</p>	<p>17</p> <p>LT: May CAC 40/IBEX/Single Stocks LTO: May CAC 40/CME Nikkei/DAX/ Euro STOXX/FTSE 100/IBEX/SMI/ STOXX Jun CGB/OJ</p>	<p>18 Full Moon</p>
<p>20 VICTORIA DAY (CANADA)</p> <p>Export Inspections 10:00 Crop Progress 3:00 FN: Jun ICE WTI Crude LT: May ICE Coffee Jun ICE WTI Crude</p>	<p>21</p> <p>API Energy Stocks 3:30 LT: Jun NY Crude Lt</p>	<p>22</p> <p>EIA Energy Stocks 9:30 Cold Storage^ 2:00 Dairy Products Sales 2:00</p>	<p>23</p> <p>Export Sales 7:30 Jobless Claims 7:30 New Home Sales 9:00 EIA Gas Storage 9:30 FN: Jun NY Crude Lt LT: May Fdr Cattle LTO: May Fdr Cattle</p>	<p>24</p> <p>Adv Durable Goods 7:30 Cattle On Feed 11:00^ LT: May Ldn Coffee Jun TOCOM Gasoline & Kerosene LTO: Jun 2Yr,5Yr,10Yr Notes/Bonds/ Canola/Chi,KC,MN Wheat/Corn/ ICE Nat Gas/Long Gilt/Oats/Rice/ Soybeans/Soymeal/Soyoil</p>	<p>25</p>
<p>27 MEMORIAL DAY SPRING BANK HOLIDAY (UK)</p> <p>LT: May TOCOM RSS3 Rubber</p>	<p>28</p> <p>Consumer Confidence 9:00 Export Inspections 10:00 Crop Progress 3:00 LTO: Jun Copper/NY Gold & Silver/ NY Nat Gas/NY RBOB & ULSD Jul ICE Brent Crude</p>	<p>29</p> <p>API Energy Stocks 3:30 FN: Jun CGB LT: May Copper/NY Gold & Silver/ NY Platinum & Palladium Jun NY Nat Gas</p>	<p>30</p> <p>GDP (Q1 '19) 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 EIA Energy Stocks 10:00 Dairy Products Sales 2:00 FN: Jun ICE Nat Gas/Long Gilt/ NY Nat Gas LT: May Hang Seng Jun ICE Nat Gas LTO: May Hang Seng</p>	<p>31</p> <p>Export Sales 7:30 Personal Income 7:30 Chicago PMI 9:00 FN: Jun 2Yr,5Yr,10Yr Notes/Bonds/ Copper/NY Gold & Silver/ NY Platinum & Palladium Jul ICE Brent Crude LT: May Bitcoin/Fed Funds/ TOCOM Crude Oil Jun Brazilian Real/NY RBOB/ NY ULSD/SICOM Rubber/ TOCOM TSR20 Rubber Jul ICE Brent Crude LTO: May Fed Funds Jun Brazilian Real/Euro Bobl/ Euro Bund/Euro Schatz/JGB/Lumber</p>	

JUNE 2019



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<p>ALL REPORT TIMES ARE CENTRAL FN: First Notice Day LT: Last Trading Day Futures LTO: Last Trading Day Options ^ Tentative Date * Rainfall averages from 1991-2015. Source: The World Bank. Report and exchange dates can change without notice; please verify.</p>	<p>Holidays listed are not necessarily exchange holidays.</p> <p>Currencies = Euro, Japanese Yen, Swiss Franc, British Pound & Australian Dollar</p>				1
3	4	5	6	7 DRAGON BOAT FESTIVAL (CHINA)	8
<p>Construction Spending 9:00 ISM Manufacturing Index 9:00 Export Inspections 10:00 Cotton System 2:00 Fats & Oils 2:00 Grain Crushings 2:00 Crop Progress 3:00</p>	<p>Factory Orders 9:00 API Energy Stocks 3:30 FN: Jun NY RBOB & ULSD LT: May Butter/Milk LTO: May Butter/Milk</p>	<p>ISM Non-Manufacturing Index 9:00 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 LTO: Jun ICE Gasoil</p>	<p>Export Sales 7:30 Jobless Claims 7:30 US Trade Balance 7:30 EIA Gas Storage 9:30 LT: Jun BONO/Euro Bobl/Euro Bund/ Euro Buxl/Euro Schatz</p>	<p>Unemployment 7:30 Wholesale Trade 7:30 Consumer Credit 2:00 LTO: Jun Austral 90-Day Bills/ Can\$/Currencies/L Cattle/Mx Peso/ US Dollar Jul ICE Cocoa</p>	
10	11	12	13	14 FLAG DAY	15 FATHER'S DAY (16th)
<p>Export Inspections 10:00 Crop Progress 3:00 FN: Jun L Cattle LT: Jul Sugar-16 LTO: Aug Palm Oil</p>	<p>PPI 7:30 Crop Production 11:00 USDA Supply/Demand 11:00 API Energy Stocks 3:30 FN: Jul Sugar-16</p>	<p>CPI 7:30 Real Earnings 7:30 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FN: Jun ICE Gasoil LT: Jun ICE Gasoil/NZ 90-Day Bills LTO: Jun NZ 90-Day Bills</p>	<p>Export Sales 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 LT: Jun Austral 90-Day Bills/ CME,OSE,SGX Nikkei/JGB/TOPIX LTO: Jun CME,OSE,SGX Nikkei/ TOPIX Jul ICE Coffee</p>	<p>Business Inventories 7:30 Retail Sales 7:30 Capacity Utilization 8:15 Industrial Production 8:15 LT: Jun Hogs/Palm Oil LTO: Jun Austral Bonds/Hogs Jul Cotton</p>	
17 Full Moon	18	19	20	21 SUMMER BEGINS	22
<p>Export Inspections 10:00 NOPA Crush 11:00 Crop Progress 3:00 FN: Jul ICE Cocoa LT: Jun Austral Bonds/BAX/ Currencies/Euribor/Eurodollar/ Mx Peso/R Ruble/SP-GSCI/ US Dollar LTO: Jun BAX/Euribor/Eurodollar/ R Ruble Jul ICE WTI Crude/NY Crude Lt/ Sugar-11</p>	<p>Housing Starts & Pmts 7:30 API Energy Stocks 3:30 FOMC Meeting LT: Jun Can\$</p>	<p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FOMC Meeting FN: Jul ICE WTI Crude LT: Jun 10Yr Notes/Bonds/CGB/ Short Sterling Jul ICE WTI Crude LTO: Jun Short Sterling Jul Ldn Coffee/NY Platinum/ NY Palladium</p>	<p>Export Sales 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 FN: Jul ICE Coffee LT: Jun S&P 500/S&P TSX 60/ SPI 200 Jul NY Crude Lt LTO: Jun S&P 500/S&P TSX 60/ SPI 200</p>	<p>Cattle On Feed 2:00 LT: Jun CAC 40/DAX/E-mini Dow/ E-mini S&P 500, NASDAQ/ Euro STOXX/FTSE 100 & 250/IBEX/ Russell/Single Stocks/SMI/STOXX LTO: Jun CAC 40/DAX/E-mini Dow/ E-mini S&P 500, NASDAQ/ Euro STOXX/FTSE 100/IBEX/ Russell/SMI/STOXX Jul 2Yr,5Yr,10Yr Notes/Bonds/ Canola/CGB/Chi,KC,MN Wheat/ Corn/Long Gilt/Oats/OJ/Rice/ Soybeans/Soymeal/Soyoil</p>	
24	25	26	27	28	29
<p>Export Inspections 10:00 Cold Storage⁶ 2:00 Crop Progress 3:00 FN: Jul Cotton/NY Crude Lt LT: Jun TOCOM RSS3 Rubber LTO: Jun TOCOM Gold</p>	<p>Consumer Confidence 9:00 New Home Sales 9:00 API Energy Stocks 3:30 FN: Jul Ldn Coffee LT: Jun TOCOM Gold, Palladium, Platinum, Silver Jul TOCOM Gasoline & Kerosene LTO: Jul Copper/NY Gold & Silver/ NY Nat Gas/NY RBOB & ULSD Aug ICE Brent Crude</p>	<p>Adv Durable Goods 7:30 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 LT: Jun Copper/Long Gilt/NY Gold/ NY Silver/NY Platinum & Palladium Jul NY Nat Gas LTO: Jul ICE Nat Gas</p>	<p>Export Sales 7:30 GDP (Q1 '19) 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 Hogs & Pigs 2:00 FN: Jul ICE Nat Gas/NY Nat Gas LT: Jun Hang Seng Jul ICE Nat Gas LTO: Jun Hang Seng</p>	<p>Personal Income 7:30 Chicago PMI 9:00 Grain Stocks 11:00 Planted Acreage 11:00 FN: Jul Canola/Chi,KC,MN Wheat/ Copper/Corn/NY Gold & Silver/ NY Platinum & Palladium/Oats/Rice/ Soybeans/Soymeal/Soyoil Aug ICE Brent Crude LT: Jun 2Yr,5Yr Notes/Bitcoin/ Fed Funds/L Cattle/ TOCOM Crude Oil Jul Black Sea Wheat/Brazilian Real/ NY RBOB & ULSD/SICOM Rubber/ Sugar-11/TOCOM TSR20 Rubber Aug ICE Brent Crude</p>	<p>Continued from the 28th: LTO: Jun Fed Funds Jul Brazilian Real/Euro Bobl/ Euro Bund/Euro Schatz/JGB/ Ldn Cocoa/Lumber</p>

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>1 CANADA DAY</p> <p>Construction Spending 9:00 ISM Manufacturing Index 9:00 Export Inspections 10:00 Cotton System 2:00 Fats & Oils 2:00 Grain Crushings 2:00 Crop Progress 3:00 FN: Jul Black Sea Wheat/OJ/ Sugar-11 LTO: Aug Ldn Wht Sugar</p>	<p>2</p> <p>API Energy Stocks 3:30 FN: Jul NY RBOB & ULSD LT: Jun Butter/Milk LTO: Jun Butter/Milk</p>	<p>3</p> <p>Jobless Claims 7:30 US Trade Balance 7:30 Factory Orders 9:00 ISM Non-Manufacturing Index 9:00 EIA Gas Storage 9:30 EIA Energy Stocks^A 9:30 Dairy Products Sales^A 2:00</p>	<p>4 INDEPENDENCE DAY</p> <p>LTO: Jul ICE Gasoil</p>	<p>5</p> <p>Export Sales 7:30^A Unemployment 7:30 LTO: Jul Austral 90-Day Bills/Can\$/ Currencies/L Cattle/Mx Peso/ US Dollar Aug ICE Cocoa</p>	<p>6</p>
<p>8</p> <p>Export Inspections 10:00 Consumer Credit 2:00 Crop Progress 3:00</p>	<p>9</p> <p>API Energy Stocks 3:30 LT: Jul Cotton</p>	<p>10</p> <p>Wholesale Trade 7:30 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 LTO: Sep Palm Oil</p>	<p>11</p> <p>CPI 7:30 Export Sales 7:30 Jobless Claims 7:30 Real Earnings 7:30 EIA Gas Storage 9:30 Crop Production 11:00 USDA Supply/Demand 11:00 FN: Jul ICE Gasoil LT: Jul ICE Gasoil/OJ/SGX Nikkei LTO: Jul OSE & SGX Nikkei/TOPIX</p>	<p>12</p> <p>PPI 7:30 LT: Jul Canola/Chi,KC,MN Wheat/ Corn/Oats/Rice/Soybeans/Soymeal/ Soyoil LTO: Jul Euribor/Eurodollar^A/ Short Sterling Aug ICE Coffee</p>	<p>13</p>
<p>15 SEA DAY (JAPAN)</p> <p>Export Inspections 10:00 NOPA Crush 11:00 Crop Progress 3:00 LT: Jul BAX/Eurodollar/Hogs/ Lumber/Mx Peso/Palm Oil/R Ruble LTO: Jul Austral Bonds/Hogs/ R Ruble Aug Rapeseed/Sugar-11</p>	<p>16 Full Moon</p> <p>Business Inventories 7:30 Retail Sales 7:30 Capacity Utilization 8:15 Industrial Production 8:15 API Energy Stocks 3:30 FN: Jul Lumber LT: Jul ICE Cocoa/Ldn Cocoa/ SP-GSCI Aug Ldn Wht Sugar</p>	<p>17</p> <p>Housing Starts & Pmnts 7:30 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FN: Jul Ldn Cocoa Aug Ldn Wht Sugar LT: Jul Short Sterling LTO: Aug ICE WTI Crude/ NY Crude Lt/NY Platinum/ NY Palladium</p>	<p>18</p> <p>Export Sales 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 LT: Jul SPI 200 LTO: Jul S&P TSX 60/SPI 200</p>	<p>19</p> <p>Cattle 2:00 Cattle On Feed 2:00 FN: Aug ICE WTI Crude LT: Jul CAC 40/IBEX/ICE Coffee/ Single Stocks Aug ICE WTI Crude LTO: Jul CAC 40/CME Nikkei/DAX/ Euro STOXX/FTSE 100/IBEX/SMI/ STOXX Aug CGB/OJ</p>	<p>20</p>
<p>22</p> <p>Export Inspections 10:00 Cold Storage^A 2:00 Crop Progress 3:00 LT: Aug NY Crude Lt</p>	<p>23</p> <p>API Energy Stocks 3:30</p>	<p>24</p> <p>New Home Sales 9:00 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FN: Aug NY Crude Lt</p>	<p>25</p> <p>Adv Durable Goods 7:30 Export Sales 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 LT: Jul Ldn Coffee/ TOCOM RSS3 Rubber Aug TOCOM Gasoline & Kerosene LTO: Aug Copper/NY Gold & Silver</p>	<p>26</p> <p>GDP (Q2 '19) 7:30 LT: Jul Bitcoin LTO: Aug 2Yr,5Yr,10Yr Notes/Bonds/ Canola/Chi,KC,MN Wheat/Corn/ Euro Bobl/Euro Bund/Euro Schatz/ ICE Nat Gas/Long Gilt/NY Nat Gas/ NY RBOB & ULSD/Oats/Rice/ Soybeans/Soymeal/Soyoil Sep ICE Brent Crude</p>	<p>27</p>
<p>29</p> <p>Export Inspections 10:00 Crop Progress 3:00 LT: Jul Copper/NY Gold & Silver/ NY Platinum & Palladium Aug NY Nat Gas</p>	<p>30</p> <p>Personal Income 7:30 Consumer Confidence 9:00 API Energy Stocks 3:30 FOMC Meeting FN: Aug ICE Nat Gas/NY Nat Gas LT: Jul Butter/Hang Seng/Milk Aug ICE Nat Gas LTO: Jul Butter/Hang Seng/Milk</p>	<p>31</p> <p>Employment Cost Index 7:30 Chicago PMI 9:00 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FOMC Meeting FN: Aug Copper/NY Gold & Silver/ NY Platinum & Palladium/Soybeans/ Soymeal/Soyoil Sep ICE Brent Crude LT: Jul Fed Funds/TOCOM Crude Oil Aug Brazilian Real/NY RBOB/ NY ULSD/Rapeseed/SICOM Rubber/ TOCOM TSR20 Rubber Sep ICE Brent Crude LTO: Jul Fed Funds Aug Brazilian Real/JGB/Lumber</p>	<p>Holidays listed are not necessarily exchange holidays.</p> <p>Currencies = Euro, Japanese Yen, Swiss Franc, British Pound & Australian Dollar</p>	<p>ALL REPORT TIMES ARE CENTRAL FN: First Notice Day LT: Last Trading Day Futures LTO: Last Trading Day Options ^A Tentative Date * Rainfall averages from 1991-2015. Source: The World Bank. Report and exchange dates can change without notice; please verify.</p>	

AUGUST 2019



MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>ALL REPORT TIMES ARE CENTRAL FN: First Notice Day LT: Last Trading Day Futures LTO: Last Trading Day Options ^ Tentative Date * Rainfall averages from 1991-2015. Source: The World Bank. Report and exchange dates can change without notice; please verify.</p>	<p>Holidays listed are not necessarily exchange holidays. <i>Currencies = Euro, Japanese Yen, Swiss Franc, British Pound & Australian Dollar</i></p>		<p>1</p> <p>Export Sales 7:30 Jobless Claims 7:30 Construction Spending 9:00 ISM Manufacturing Index 9:00 EIA Gas Storage 9:30 Cotton System 2:00 Fats & Oils 2:00 Grain Crushings 2:00 FN: Aug Rapeseed</p>	<p>2</p> <p>Unemployment 7:30 US Trade Balance 7:30 Factory Orders 9:00 FN: Aug NY RBOB & ULSD LTO: Aug Austral 90-Day Bills/ L Cattle Sep ICE Cocoa</p>	<p>3</p>
<p>5 CIVIC HOLIDAY (CANADA)</p> <p>ISM Non-Manufacturing Index 9:00 Export Inspections 10:00 Crop Progress 3:00 FN: Aug L Cattle LTO: Aug ICE Gasoil</p>	<p>6</p> <p>API Energy Stocks 3:30</p>	<p>7</p> <p>EIA Energy Stocks 9:30 Consumer Credit 2:00 Dairy Products Sales 2:00</p>	<p>8</p> <p>Export Sales 7:30 Jobless Claims 7:30 Wholesale Trade 7:30 EIA Gas Storage 9:30 LT: Aug SGX Nikkei Sep Sugar-16 LTO: Aug OSE & SGX Nikkei/TOPIX</p>	<p>9</p> <p>PPI 7:30 FN: Sep Sugar-16 LTO: Aug Can\$/Currencies/Mx Peso/ US Dollar Sep ICE Coffee Oct Palm Oil</p>	<p>10</p>
<p>12 MOUNTAIN DAY OBSERVED (JAPAN)</p> <p>Export Inspections 10:00 Crop Production 11:00 USDA Supply/Demand 11:00 Crop Progress 3:00 FN: Aug ICE Gasoil LT: Aug ICE Gasoil</p>	<p>13</p> <p>CPI 7:30 Real Earnings 7:30 API Energy Stocks 3:30</p>	<p>14</p> <p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00 LT: Aug Hogs/Soybeans/Soymeal/ Soyoil LTO: Aug Hogs</p>	<p>15 Full Moon</p> <p>Business Inventories 7:30 Export Sales 7:30 Jobless Claims 7:30 Retail Sales 7:30 Capacity Utilization 8:15 Industrial Production 8:15 EIA Gas Storage 9:30 NOPA Crush 11:00 LT: Aug Palm Oil/R Ruble/SP-GSCI/ SPI 200 LTO: Aug Austral Bonds/R Ruble/ S&P TSX 60/SPI 200 Sep ICE WTI Crude/Milling Wheat/ NY Crude Lt/Sugar-11</p>	<p>16</p> <p>Housing Starts & Pmts 7:30 LT: Aug CAC 40/IBEX/Single Stocks LTO: Aug CAC 40/CME Nikkei/DAX/ Euribor/Euro STOXX/Eurodollar/ FTSE 100/IBEX/Short Sterling/SMI/ STOXX Sep CGB/Cotton/OJ</p>	<p>17</p>
<p>19</p> <p>Export Inspections 10:00 Crop Progress 3:00 FN: Sep ICE Cocoa/ICE WTI Crude LT: Aug BAX/Eurodollar/Mx Peso Sep ICE WTI Crude</p>	<p>20</p> <p>API Energy Stocks 3:30 LT: Sep NY Crude Lt</p>	<p>21</p> <p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00 LT: Aug Short Sterling LTO: Sep Ldn Coffee/NY Platinum/ NY Palladium</p>	<p>22</p> <p>Export Sales 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 Cold Storage^ 2:00 FN: Sep ICE Coffee/NY Crude Lt</p>	<p>23</p> <p>New Home Sales 9:00 Cattle On Feed 2:00 LT: Sep TOCOM Gasoline & Kerosene LTO: Sep 2Yr,5Yr,10Yr Notes/Bonds/ Canola/Chi,KC,MN Wheat/Corn/ Long Gilt/Oats/Rice/Soybeans/ Soymeal/Soyoil</p>	<p>24</p>
<p>26 SUMMER BANK HOLIDAY (UK)</p> <p>Adv Durable Goods 7:30 Export Inspections 10:00 Crop Progress 3:00 LT: Aug TOCOM RSS3 Rubber LTO: Aug TOCOM Gold</p>	<p>27</p> <p>Consumer Confidence 9:00 API Energy Stocks 3:30 FN: Sep Ldn Coffee LT: Aug TOCOM Gold, Palladium, Platinum, Silver LTO: Sep Copper/ICE Nat Gas/ NY Gold & Silver/NY Nat Gas/ NY RBOB & ULSD Oct ICE Brent Crude</p>	<p>28</p> <p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FN: Sep CGB LT: Aug Copper/NY Gold & Silver/ NY Platinum & Palladium Sep NY Nat Gas</p>	<p>29</p> <p>Export Sales 7:30 GDP (Q2 '19) 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 FN: Sep ICE Nat Gas/Long Gilt/ NY Nat Gas LT: Aug Fdr Cattle/Hang Seng Sep ICE Nat Gas LTO: Aug Fdr Cattle/Hang Seng</p>	<p>30</p> <p>Personal Income 7:30 Chicago PMI 9:00 FN: Sep 2Yr,5Yr,10Yr Notes/Bonds/ Chi,KC,MN Wheat/Copper/Corn/ NY Gold & Silver/NY Platinum/ NY Palladium/Oats/Rice/Soybeans/ Soymeal/Soyoil Oct ICE Brent Crude LT: Aug Bitcoin/Fed Funds/L Cattle/ TOCOM Crude Oil Sep Black Sea Wheat/Brazilian Real/ NY RBOB & ULSD/SICOM Rubber/ TOCOM TSR20 Rubber Oct ICE Brent Crude</p>	<p>31</p> <p><i>Continued from the 30th:</i> LTO: Aug Fed Funds Sep Brazilian Real/Euro Bobl/ Euro Bund/Euro Schatz/JGB/ Ldn Cocoa/Lumber</p>

SEPTEMBER 2019



MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>2 LABOR DAY</p> <p>LTO: Oct Ldn Wht Sugar</p>	<p>3</p> <p>Construction Spending 9:00 ISM Manufacturing Index 9:00 Export Inspections 10:00 Cotton System 2:00 Fats & Oils 2:00 Grain Crushings 2:00 Crop Progress 3:00 FN: Sep Black Sea Wheat/OJ</p>	<p>4</p> <p>US Trade Balance 7:30 API Energy Stocks 3:30 FN: Sep NY RBOB & ULSD LT: Aug Butter/Milk LTO: Aug Butter/Milk</p>	<p>5</p> <p>Jobless Claims 7:30 Factory Orders 9:00 ISM Non-Manufacturing Index 9:00 EIA Gas Storage 9:30 EIA Energy Stocks 10:00 Dairy Products Sales 2:00 LTO: Sep ICE Gasoil</p>	<p>6</p> <p>Export Sales 7:30 Unemployment 7:30 LT: Sep BONO/Euro Bobl/Euro Bund/ Euro Buxl/Euro Schatz LTO: Sep Austral 90-Day Bills/ Can\$/Currencies/L Cattle/Mx Peso/ US Dollar Oct ICE Cocoa</p>	<p>7</p>
<p>9</p> <p>Export Inspections 10:00 Consumer Credit 2:00 Crop Progress 3:00</p>	<p>10</p> <p>API Energy Stocks 3:30 LT: Sep Milling Wheat/OJ LTO: Nov Palm Oil</p>	<p>11</p> <p>PPI 7:30 Wholesale Trade 7:30 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FN: Sep Milling Wheat LT: Sep NZ 90-Day Bills LTO: Sep NZ 90-Day Bills</p>	<p>12</p> <p>CPI 7:30 Export Sales 7:30 Jobless Claims 7:30 Real Earnings 7:30 EIA Gas Storage 9:30 Crop Production 11:00 USDA Supply/Demand 11:00 FN: Sep ICE Gasoil LT: Sep Austral 90-Day Bills/ CME, OSE, SGX Nikkei/ICE Gasoil/ JGB/TOPIX LTO: Sep CME, OSE, SGX Nikkei/ TOPIX</p>	<p>13 MID-AUTUMN FESTIVAL (CHINA)</p> <p>Business Inventories 7:30 Retail Sales 7:30 LT: Sep Chi, KC, MN Wheat/Corn/ ICE Cocoa/Ldn Cocoa/Lumber/Oats/ Palm Oil/Rice/Soybeans/Soymeal/ Soyoil Oct Ldn Wht Sugar LTO: Sep Austral Bonds Oct Cotton/ICE Coffee</p>	<p>14 Full Moon</p>
<p>16 RESPECT FOR THE AGED DAY (JAPAN)</p> <p>Export Inspections 10:00 NOPA Crush 11:00 Crop Progress 3:00 FN: Sep Ldn Cocoa/Lumber Oct Ldn Wht Sugar LT: Sep Austral Bonds/BAX/ Currencies/Euribor/Eurodollar/ Mx Peso/R Ruble/US Dollar LTO: Sep BAX/Euribor/Eurodollar/ R Ruble Oct Sugar-11</p>	<p>17</p> <p>Capacity Utilization 8:15 Industrial Production 8:15 API Energy Stocks 3:30 FOMC Meeting LT: Sep Can\$/SP-GSCI LTO: Oct ICE WTI Crude/ NY Crude Lt</p>	<p>18</p> <p>Housing Starts & Pmts 7:30 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FOMC Meeting LT: Sep ICE Coffee/Short Sterling LTO: Sep Short Sterling Oct NY Platinum & Palladium</p>	<p>19</p> <p>Export Sales 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 FN: Oct ICE WTI Crude LT: Sep 10Yr Notes/Bonds/CGB/ S&P 500/S&P TSX 60/SPI 200 Oct ICE WTI Crude LTO: Sep S&P 500/S&P TSX 60/ SPI 200</p>	<p>20</p> <p>Cattle On Feed 2:00 LT: Sep CAC 40/DAX/E-mini Dow/ E-mini S&P 500, NASDAQ/ Euro STOXX/FTSE 100 & 250/IBEX/ Russell/Single Stocks/SMI/STOXX Oct NY Crude Lt LTO: Sep CAC 40/DAX/E-mini Dow/ E-mini S&P 500, NASDAQ/ Euro STOXX/FTSE 100/IBEX/ Russell/SMI/STOXX Oct 2Yr, 5Yr, 10Yr Notes/Bonds/ Canola/CGB/Chi, KC, MN Wheat/Corn/ Long Gilt/Oats/OJ/Rice/Soybeans/ Soymeal/Soyoil</p>	<p>21</p>
<p>23 AUTUMN BEGINS AUTUMN EQUINOX DAY (JAPAN)</p> <p>Export Inspections 10:00 Cold Storage^ 2:00 Crop Progress 3:00</p>	<p>24</p> <p>Consumer Confidence 9:00 API Energy Stocks 3:30 FN: Oct Cotton/NY Crude Lt LT: Sep Ldn Coffee/ TOCOM RSS3 Rubber</p>	<p>25</p> <p>New Home Sales 9:00 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 LT: Oct TOCOM Gasoline & Kerosene LTO: Oct Copper/NY Gold & Silver/ NY Nat Gas/NY RBOB & ULSD Nov ICE Brent Crude</p>	<p>26</p> <p>Export Sales 7:30 GDP (Q2 '19) 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 LT: Sep Copper/Fdr Cattle/Long Gilt/ NY Gold & Silver/NY Platinum NY Palladium Oct NY Nat Gas LTO: Sep Fdr Cattle Oct ICE Nat Gas</p>	<p>27</p> <p>Adv Durable Goods 7:30 Personal Income 7:30 Hogs & Pigs 2:00 FN: Oct ICE Nat Gas/NY Nat Gas LT: Sep Bitcoin/Hang Seng Oct ICE Nat Gas LTO: Sep Hang Seng Oct Euro Bobl/Euro Bund/ Euro Schatz</p>	<p>28</p>
<p>30 ROSH HASHANA</p> <p>Chicago PMI 9:00 Export Inspections 10:00 Grain Stocks 11:00 Small Grains Summary 11:00 Crop Progress 3:00 FN: Oct Copper/NY Gold & Silver/ NY Platinum & Palladium/Soymeal/ Soyoil Nov ICE Brent Crude LT: Sep 2Yr, 5Yr Notes/Fed Funds/ TOCOM Crude Oil Oct Brazilian Real/NY RBOB/ NY ULSD/SICOM Rubber/Sugar-11/ TOCOM TSR20 Rubber Nov ICE Brent Crude LTO: Sep Fed Funds Oct Brazilian Real/JGB/Lumber</p>					<p>ALL REPORT TIMES ARE CENTRAL FN: First Notice Day LT: Last Trading Day Futures LTO: Last Trading Day Options ^ Tentative Date * Rainfall averages from 1991-2015. Source: The World Bank. Report and exchange dates can change without notice; please verify.</p> <p>Holidays listed are not necessarily exchange holidays.</p> <p>Currencies = Euro, Japanese Yen, Swiss Franc, British Pound & Australian Dollar</p>

OCTOBER 2019



MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>1 NATIONAL DAY GOLDEN WEEK BEGINS (CHINA)</p> <p>ALL REPORT TIMES ARE CENTRAL FN: First Notice Day LT: Last Trading Day Futures LTO: Last Trading Day Options ^ Tentative Date * Rainfall averages from 1991-2015. Source: The World Bank. Report and exchange dates can change without notice; please verify.</p>	<p>2</p> <p>Construction Spending 9:00 ISM Manufacturing Index 9:00 Cotton System 2:00 Fats & Oils 2:00 Grain Crushings 2:00 API Energy Stocks 3:30 FN: Oct Sugar-11 LT: Sep Butter/Milk LTO: Sep Butter/Milk</p> <p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FN: Oct NY RBOB & ULSD</p>	<p>3</p> <p>Export Sales 7:30 Jobless Claims 7:30 Factory Orders 9:00 ISM Non-Manufacturing Index 9:00 EIA Gas Storage 9:30 LTO: Oct ICE Gasoil</p>	<p>4</p> <p>Unemployment 7:30 US Trade Balance 7:30 LTO: Oct Austral 90-Day Bills/Can\$/Currencies/L Cattle/Mx Peso/US Dollar Nov ICE Cocoa</p>	<p>5</p>	
<p>7</p> <p>Export Inspections 10:00 Consumer Credit 2:00 Crop Progress 3:00 FN: Oct L Cattle</p>	<p>8</p> <p>PPI 7:30 API Energy Stocks 3:30 LT: Nov Sugar-16</p>	<p>9 YOM KIPPUR</p> <p>Wholesale Trade 7:30 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FN: Nov Sugar-16 LT: Oct Cotton</p>	<p>10</p> <p>CPI 7:30 Export Sales 7:30 Jobless Claims 7:30 Real Earnings 7:30 EIA Gas Storage 9:30 Crop Production 11:00 USDA Supply/Demand 11:00 FN: Oct ICE Gasoil LT: Oct ICE Gasoil/SGX Nikkei LTO: Oct OSE & SGX Nikkei/TOPIX Dec Palm Oil</p>	<p>11</p> <p>LT: Oct BAX/Mx Peso LTO: Oct Euribor/Eurodollar/Short Sterling Nov ICE Coffee</p>	<p>12 Full Moon (13th)</p>
<p>14 COLUMBUS DAY THANKSGIVING (CANADA) SPORTS DAY (JAPAN)</p> <p>LT: Oct Eurodollar/Hogs/Soymeal/Soyoil LTO: Oct Hogs</p>	<p>15</p> <p>Export Inspections 10:00 NOPA Crush 11:00 Crop Progress 3:00 LT: Oct Palm Oil/R Ruble/SP-GSCI LTO: Oct Austral Bonds/R Ruble Nov Rapeseed/Sugar-11</p>	<p>16</p> <p>Business Inventories 7:30 Retail Sales 7:30 API Energy Stocks 3:30 LT: Oct Short Sterling LTO: Nov Ldn Coffee/ NY Platinum & Palladium</p>	<p>17</p> <p>Housing Starts & Pmts 7:30 Jobless Claims 7:30 Capacity Utilization 8:15 Industrial Production 8:15 EIA Gas Storage 9:30 EIA Energy Stocks 10:00 Dairy Products Sales 2:00 LT: Oct SPI 200 LTO: Oct S&P TSX 60/SPI 200 Nov ICE WTI Crude/NY Crude Lt</p>	<p>18</p> <p>Export Sales 7:30 LT: Oct CAC 40/IBEX/Single Stocks LTO: Oct CAC 40/CME Nikkei/DAX/ Euro STOXX/FTSE 100/IBEX/SMI/ STOXX Nov CGB/Cotton/OJ</p>	<p>19</p>
<p>21</p> <p>Export Inspections 10:00 Crop Progress 3:00 FN: Nov ICE WTI Crude LT: Nov ICE WTI Crude</p>	<p>22</p> <p>Cold Storage^ 2:00 API Energy Stocks 3:30 LT: Nov NY Crude Lt</p>	<p>23</p> <p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00</p>	<p>24</p> <p>Adv Durable Goods 7:30 Export Sales 7:30 Jobless Claims 7:30 New Home Sales 9:00 EIA Gas Storage 9:30 FN: Nov NY Crude Lt</p>	<p>25</p> <p>Cattle On Feed 2:00 LT: Oct Bitcoin/ TOCOM RSS3 Rubber Nov TOCOM Gasoline & Kerosene LTO: Oct TOCOM Gold Nov 2Yr,5Yr,10Yr Notes/Bonds/ Canola/Chi,KC,MN Wheat/Corn/ Euro Bobl/Euro Bund/Euro Schatz/ ICE Nat Gas/Long Gilt/Oats/Rice/ Soybeans/Soymeal/Soyoil</p>	<p>26</p>
<p>28</p> <p>Export Inspections 10:00 Crop Progress 3:00 FN: Nov Ldn Coffee LT: Oct TOCOM Gold, Palladium, Platinum, Silver LTO: Nov Copper/NY Gold & Silver/ NY Nat Gas/NY RBOB & ULSD Dec ICE Brent Crude</p>	<p>29</p> <p>Consumer Confidence 9:00 API Energy Stocks 3:30 FOMC Meeting LT: Oct Butter/Copper/Milk/NY Gold/ NY Silver/NY Platinum & Palladium Nov NY Nat Gas LTO: Oct Butter/Milk</p>	<p>30</p> <p>GDP (Q3 '19) 7:30 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FOMC Meeting FN: Nov ICE Nat Gas/NY Nat Gas LT: Oct Hang Seng Nov ICE Nat Gas LTO: Oct Hang Seng</p>	<p>31 HALLOWEEN</p> <p>Employment Cost Index 7:30 Export Sales 7:30 Jobless Claims 7:30 Personal Income 7:30 Chicago PMI 9:00 EIA Gas Storage 9:30 FN: Nov Canola/Copper/NY Gold/ NY Silver/NY Platinum & Palladium/ Rice/Soybeans Dec ICE Brent Crude LT: Oct Fdr Cattle/Fed Funds/ L Cattle/TOCOM Crude Oil Nov Brazilian Real/NY RBOB/ NY ULSD/Rapeseed/SICOM Rubber/ TOCOM TSR20 Rubber Dec ICE Brent Crude LTO: Oct Fdr Cattle/Fed Funds Nov Brazilian Real/JGB/Lumber</p>	<p>Holidays listed are not necessarily exchange holidays.</p> <p>Currencies = Euro, Japanese Yen, Swiss Franc, British Pound & Australian Dollar</p>	

NOVEMBER 2019



MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>ALL REPORT TIMES ARE CENTRAL FN: First Notice Day LT: Last Trading Day Futures LTO: Last Trading Day Options ^ Tentative Date * Rainfall averages from 1991-2015. Source: The World Bank. Report and exchange dates can change without notice; please verify.</p>	<p>Holidays listed are not necessarily exchange holidays. Currencies = Euro, Japanese Yen, Swiss Franc, British Pound & Australian Dollar</p>			<p>1</p> <p>Unemployment 7:30 Construction Spending 9:00 ISM Manufacturing Index 9:00 Cotton System 2:00 Fats & Oils 2:00 Grain Crushings 2:00 FN: Nov OJ/Rapeseed LTO: Nov Austral 90-Day Bills/ L Cattle Dec ICE Cocoa/Ldn Wht Sugar</p>	<p>2 DAYLIGHT SAVINGS TIME ENDS (3rd)</p>
<p>4 CULTURE DAY OBSERVED (JAPAN)</p> <p>Factory Orders 9:00 Export Inspections 10:00 Crop Progress 3:00 FN: Nov NY RBOB & ULSLD</p>	<p>5</p> <p>US Trade Balance 7:30 ISM Non-Manufacturing Index 9:00 API Energy Stocks 3:30 LTO: Nov ICE Gasoil</p>	<p>6</p> <p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00</p>	<p>7</p> <p>Export Sales 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 Consumer Credit 2:00 LT: Nov SGX Nikkei LTO: Nov OSE & SGX Nikkei/TOPIX</p>	<p>8</p> <p>Wholesale Trade 7:30 Crop Production 11:00 USDA Supply/Demand 11:00 LT: Nov OJ LTO: Nov Can\$/Currencies/Mx Peso/ US Dollar Dec Cotton/ICE Coffee Jan'20 Palm Oil</p>	<p>9</p>
<p>11 VETERANS DAY REMEMBRANCE DAY (CANADA)</p>	<p>12 Full Moon</p> <p>Export Inspections 10:00 Crop Progress 3:00 FN: Nov ICE Gasoil LT: Nov ICE Gasoil</p>	<p>13</p> <p>CPI 7:30 Real Earnings 7:30 API Energy Stocks 3:30</p>	<p>14</p> <p>Jobless Claims 7:30 PPI 7:30 EIA Gas Storage 9:30 EIA Energy Stocks 10:00 Dairy Products Sales 2:00 LT: Nov Canola/Rice/Soybeans LTO: Nov S&P TSX 60</p>	<p>15</p> <p>Business Inventories 7:30 Export Sales 7:30 Retail Sales 7:30 Capacity Utilization 8:15 Industrial Production 8:15 NOPA Crush 11:00 FN: Dec ICE Cocoa LT: Nov CAC 40/IBEX/Lumber/ Palm Oil/R Ruble/Single Stocks/ SP-GSCI Dec Ldn Wht Sugar LTO: Nov Austral Bonds/CAC 40/ CME Nikkei/Euribor/Euro STOXX/ DAX/Eurodollar/FTSE 100/IBEX/ R Ruble/Short Sterling/SMI/STOXX Dec CGB/ICE WTI Crude/ Milling Wheat/NY Crude Lt/OJ/ Sugar-11</p>	<p>16</p>
<p>18</p> <p>Export Inspections 10:00 Crop Progress 3:00 FN: Nov Lumber Dec Ldn Wht Sugar LT: Nov BAX/Eurodollar/Mx Peso</p>	<p>19</p> <p>Housing Starts & Pmts 7:30 API Energy Stocks 3:30 FN: Dec ICE WTI Crude LT: Dec ICE WTI Crude</p>	<p>20</p> <p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FN: Dec ICE Coffee LT: Nov Short Sterling Dec NY Crude Lt LTO: Dec NY Platinum & Palladium</p>	<p>21</p> <p>Export Sales 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 LT: Nov Fdr Cattle/SPI 200 LTO: Nov Fdr Cattle/SPI 200</p>	<p>22</p> <p>Cattle On Feed 2:00 Cold Storage* 2:00 FN: Dec Cotton/NY Crude Lt LTO: Dec 2Yr,5Yr,10Yr Notes/Bonds/ Canola/Chi,KC,MN Wheat/Corn/ Long Gilt/Oats/Rice/Soybeans/ Soymeal/Soyoil</p>	<p>23 LABOR THANKSGIVING DAY (JAPAN)</p>
<p>25</p> <p>Export Inspections 10:00 Crop Progress 3:00 LT: Nov Ldn Coffee/ TOCOM RSS3 Rubber Dec TOCOM Gasoline & Kerosene LTO: Dec Copper/NY Gold & Silver/ NY Nat Gas/NY RBOB & ULSLD</p>	<p>26</p> <p>Consumer Confidence 9:00 New Home Sales 9:00 API Energy Stocks 3:30 LT: Nov Copper/NY Gold & Silver/ NY Platinum & Palladium Dec NY Nat Gas LTO: Dec ICE Nat Gas Jan'20 ICE Brent Crude</p>	<p>27</p> <p>Adv Durable Goods 7:30 GDP (Q3 '19) 7:30 Jobless Claims 7:30 Personal Income 9:00 EIA Energy Stocks 9:30 EIA Gas Storage 11:00 Dairy Products Sales 2:00 FN: Dec CGB/NY Nat Gas</p>	<p>28 THANKSGIVING</p> <p>FN: Dec ICE Nat Gas/Long Gilt LT: Nov Hang Seng Dec ICE Nat Gas LTO: Nov Hang Seng</p>	<p>29</p> <p>Export Sales 7:30* Chicago PMI 9:00 FN: Dec 2Yr,5Yr,10Yr Notes/Bonds/ Chi,KC,MN Wheat/Copper/Corn/ NY Gold & Silver/NY Platinum/ NY Palladium/Oats/Soymeal/Soyoil Jan'20 ICE Brent Crude LT: Nov Bitcoin/Fed Funds/ TOCOM Crude Oil Dec Black Sea Wheat/Brazilian Real/ NY RBOB & ULSLD/SICOM Rubber/ TOCOM TSR20 Rubber Jan'20 ICE Brent Crude LTO: Nov Fed Funds Dec Brazilian Real/Euro Bobl/ Euro Bund/Euro Schatz/JGB/ Ldn Cocoa/Lumber</p>	<p>30</p>

DECEMBER 2019



MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>2</p> <p>Construction Spending 9:00 Export Inspections 10:00 Cotton System 2:00 Fats & Oils 2:00 Grain Crushings 2:00 FN: Dec Black Sea Wheat</p>	<p>3</p> <p>ISM Manufacturing Index 9:00 API Energy Stocks 3:30 FN: Dec NY RBOB & ULSD LT: Nov Butter/Milk LTO: Nov Butter/Milk</p>	<p>4</p> <p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00</p>	<p>5</p> <p>Export Sales 7:30 Jobless Claims 7:30 US Trade Balance 7:30 Factory Orders 9:00 ISM Non-Manufacturing Index 9:00 EIA Gas Storage 9:30 LTO: Dec ICE Gasoil</p>	<p>6</p> <p>Unemployment 7:30 Wholesale Trade 7:30 Consumer Credit 2:00 LT: Dec BONO/Cotton/Euro Bobl/ Euro Bund/Euro Buxl/Euro Schatz LTO: Dec Austral 90-Day Bills/ Can\$/Currencies/L Cattle/Mx Peso/ US Dollar Jan'20 ICE Cocoa</p>	<p>7</p>
<p>9</p> <p>Export Inspections 10:00 FN: Dec L Cattle LT: Jan'20 Sugar-16</p>	<p>10</p> <p>Crop Production 11:00 USDA Supply/Demand 11:00 API Energy Stocks 3:30 FOMC Meeting FN: Jan'20 Sugar-16 LT: Dec Milling Wheat LTO: Feb'20 Palm Oil</p>	<p>11</p> <p>CPI 7:30 Real Earnings 7:30 EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FOMC Meeting FN: Dec Milling Wheat LT: Dec NZ 90-Day Bills LTO: Dec NZ 90-Day Bills</p>	<p>12 Full Moon</p> <p>Export Sales 7:30 Jobless Claims 7:30 PPI 7:30 EIA Gas Storage 9:30 FN: Dec ICE Gasoil LT: Dec Austral 90-Day Bills/ CME,OSE,SGX Nikkei/ICE Gasoil/ Ldn Cocoa/TOPIX LTO: Dec CME,OSE,SGX Nikkei/ TOPIX</p>	<p>13</p> <p>Business Inventories 7:30 Retail Sales 7:30 FN: Dec Ldn Cocoa LT: Dec Chi,KC,MN Wheat/Corn/ Hogs/ICE Cocoa/JGB/Oats/Palm Oil/ Soymeal/Soyoil LTO: Dec Austral Bonds/Hogs Jan'20 ICE Coffee</p>	<p>14</p>
<p>16</p> <p>Export Inspections 10:00 NOPA Crush 11:00 LT: Dec Austral Bonds/BAX/ Currencies/Euribor/Eurodollar/ Mx Peso/R Ruble/SP-GSCI/ US Dollar LTO: Dec BAX/Euribor/Eurodollar/ R Ruble/US Dollar Jan'20 ICE WTI Crude/NY Crude Lt/ Sugar-11</p>	<p>17</p> <p>Housing Starts & Pmts 7:30 Capacity Utilization 8:15 Industrial Production 8:15 API Energy Stocks 3:30 LT: Dec Can\$</p>	<p>18</p> <p>EIA Energy Stocks 9:30 Dairy Products Sales 2:00 FN: Jan'20 ICE WTI Crude LT: Dec CGB/ICE Coffee/ Short Sterling Jan'20 ICE WTI Crude LTO: Dec Short Sterling Jan'20 Ldn Coffee/ NY Platinum & Palladium</p>	<p>19</p> <p>Export Sales 7:30 Jobless Claims 7:30 EIA Gas Storage 9:30 LT: Dec 10Yr Notes/Bonds/ S&P 500/S&P TSX 60/SPI 200 Jan'20 NY Crude Lt LTO: Dec S&P 500/S&P TSX 60/ SPI 200</p>	<p>20</p> <p>GDP (Q3 '19) 7:30 Personal Income 9:00 Cattle On Feed 2:00 LT: Dec CAC 40/DAX/E-mini Dow/ E-mini S&P 500, NASDAQ/ Euro STOXX/FTSE 100 & 250/IBEX/ Russell/Single Stocks/SMI/STOXX LTO: Dec CAC 40/DAX/E-mini Dow/ E-mini S&P 500, NASDAQ/ Euro STOXX/FTSE 100/IBEX/ Russell/SMI/STOXX Jan'20 Canola/CGB/Cotton/OJ</p>	<p>21 WINTER BEGINS</p>
<p>23 1st DAY OF HANUKKAH</p> <p>New Home Sales 9:00 Export Inspections 10:00 Cold Storage^ 2:00 Hogs & Pigs 2:00 FN: Jan'20 NY Crude Lt LT: Dec TOCOM RSS3 Rubber LTO: Dec TOCOM Gold Feb'20 ICE Brent Crude</p>	<p>24 CHRISTMAS EVE</p> <p>Adv Durable Goods 7:30 API Energy Stocks 3:30 FN: Jan'20 Ldn Coffee LT: Dec TOCOM Gold, Palladium, Platinum, Silver</p>	<p>25 CHRISTMAS</p> <p>LT: Jan'20 TOCOM Gasoline & Kerosene</p>	<p>26 BOXING DAY</p> <p>Jobless Claims 7:30 EIA Energy Stocks^ 10:00 Dairy Products Sales^ 2:00 LTO: Jan'20 Copper/ NY Gold & Silver/NY Nat Gas/ NY RBOB & ULSD</p>	<p>27</p> <p>Export Sales 7:30 EIA Gas Storage 9:30 LT: Dec Bitcoin/Copper/Long Gilt/ NY Gold & Silver/ NY Platinum & Palladium Jan'20 NY Nat Gas LTO: Jan'20 2Yr,5Yr,10Yr Notes/ Bonds/Chi,KC,MN Wheat/Corn/ Euro Bobl/Euro Bund/Euro Schatz/ ICE Nat Gas/Long Gilt/Oats/Rice/ Soybeans/Soymeal/Soyoil</p>	<p>28</p>
<p>30</p> <p>Export Inspections 10:00 FN: Jan'20 ICE Nat Gas/NY Nat Gas Feb'20 ICE Brent Crude LT: Dec Hang Seng/ TOCOM Crude Oil Jan'20 ICE Nat Gas/ TOCOM TSR20 Rubber Feb'20 ICE Brent Crude LTO: Dec Hang Seng Jan'20 JGB</p>	<p>31 NEW YEAR'S EVE</p> <p>Chicago PMI 9:00 Consumer Confidence^ 9:00 API Energy Stocks 3:30 FN: Jan'20 Canola/Copper/NY Gold/ NY Silver/NY Platinum & Palladium/ Rice/Soybeans/Soymeal/Soyoil LT: Dec 2Yr,5Yr Notes/Butter/ Fed Funds/L Cattle/Milk Jan'20 Brazilian Real/ NY RBOB & ULSD/SICOM Rubber LTO: Dec Butter/Fed Funds/Milk Jan'20 Brazilian Real/Lumber</p>			<p>Holidays listed are not necessarily exchange holidays.</p> <p>Currencies = Euro, Japanese Yen, Swiss Franc, British Pound & Australian Dollar</p>	<p>ALL REPORT TIMES ARE CENTRAL FN: First Notice Day LT: Last Trading Day Futures LTO: Last Trading Day Options ^ Tentative Date * Rainfall averages from 1991-2015. Source: The World Bank. Report and exchange dates can change without notice; please verify.</p>

CONTRACT SPECIFICATIONS

Subject to change! Please consult exchanges for most recent updates.

CONTRACT	EXCHANGE	HOURS (LOCAL)*	SIZE	MONTHS	MIN.FLUCTUATION	NORMAL DAILY LIMIT	OPTIONS MOS.
CURRENCIES							
Australian Dollar	CME Group	17:00-16:00, 7:20-14:00†	AS100,000	H,M,U,Z, Serial	0.0001=\$10	Circuit Breaker	H,M,U,Z,Serial,Wkly
Australian Dollar, E-Micro	CME Group	17:00-16:00	AS10,000	H,M,U,Z	0.0001=\$1	Circuit Breaker	none
Bitcoin	CME Group	17:00-16:00	5 bitcoins	H,M,U,Z, Serial	\$5/bitcoin = \$25	Circuit Breaker	none
Bitcoin	CBOE	17:00-15:15, 15:30-16:00	1 bitcoin	H,M,U,Z, Serial	\$5/bitcoin = \$5	Circuit Breaker	none
Brazilian Real	CME Group	17:00-16:00, 7:20-14:00†	BR100,000	All	0.00005=\$5	Circuit Breaker	All Months & Wkly
British Pound	CME Group	17:00-16:00, 7:20-14:00†	£62,500	H,M,U,Z, Serial	0.0001=\$6.25	Circuit Breaker	H,M,U,Z,Serial,Wkly
British Pound, E-Micro	CME Group	17:00-16:00	£6,250	H,M,U,Z	0.0001=\$0.625	Circuit Breaker	none
Canadian Dollar	CME Group	17:00-16:00, 7:20-14:00†	CS100,000	H,M,U,Z, Serial	0.00005=\$5	Circuit Breaker	H,M,U,Z,Serial,Wkly
Canadian Dollar, E-Micro	CME Group	17:00-16:00	AS10,000	H,M,U,Z	0.0001=\$1	Circuit Breaker	none
Chilean Peso	CME Group	17:00-16:00	50,000,000 CLP	All	0.0000001 = \$5	Circuit Breaker	none
EuroFX	CME Group	17:00-16:00, 7:20-14:00†	€ 125,000	H,M,U,Z, Serial	0.00005=\$6.25	Circuit Breaker	H,M,U,Z,Serial,Wkly
EuroFX, E-Mini	CME Group	17:00-16:00	€ 62,500	H,M,U,Z	0.00005=\$3.125	Circuit Breaker	none
EuroFX, E-Micro	CME Group	17:00-16:00	€ 12,500	H,M,U,Z	0.0001=\$1.25	Circuit Breaker	none
Indian Rupee	DGCX	7:00-23:55 (Dubai)	INR 2,000,000	All	US \$0.000001/INR = \$2	none	none
Japanese Yen	CME Group	17:00-16:00, 7:20-14:00†	¥12,500,000	H,M,U,Z, Serial	0.0000005=\$6.25	Circuit Breaker	H,M,U,Z,Serial,Wkly
Japanese Yen, E-Mini	CME Group	17:00-16:00	¥6,250,000	H,M,U,Z	0.000001=\$6.25	Circuit Breaker	none
Japanese Yen, E-Micro	CME Group	17:00-16:00	¥1,250,000	H,M,U,Z	0.000001=\$1.25	Circuit Breaker	none
Mexican Peso	CME Group	17:00-16:00, 7:20-14:00†	MP 500,000	All	0.00001=\$5	Circuit Breaker	All Months & Wkly
New Zealand Dollar	CME Group	17:00-16:00, 7:20-14:00†	NZ\$100,000	H,M,U,Z	0.0001=\$10	Circuit Breaker	H,M,U,Z,Serial,Wkly
Norwegian Krone	CME Group	17:00-16:00	NK 2,000,000	H,M,U,Z	0.00001=\$20	Circuit Breaker	none
Russian Ruble	CME Group	17:00-16:00, 7:20-14:00†	RR 2,500,000	All	0.000005=\$12.50	Circuit Breaker	All Months & Wkly
South African Rand	CME Group	17:00-16:00, 7:20-14:00†	ZAR 500,000	All	0.000025=\$12.50	Circuit Breaker	All Months & Wkly
Swedish Krona	CME Group	17:00-16:00	SK 2,000,000	H,M,U,Z	0.00001=\$20	Circuit Breaker	none
Swiss Franc	CME Group	17:00-16:00, 7:20-14:00†	CHF 125,000	H,M,U,Z	0.0001=\$12.50	Circuit Breaker	H,M,U,Z,Serial,Wkly
US \$ Index	ICE US	20:00-17:00 (NY)	\$1,000 x Index	H,M,U,Z	0.005=\$5	none	H,M,U,Z,Serial
US Dollar/Real	BM&F	9:00-18:00	US\$50,000	All	BRL0.50 per US\$1,000	Consult Exch	All
ENERGY/EMISSIONS							
Butane, Mont Belvieu	CME Group	18:00-17:00 (NY)	42,000 gal	All	\$0.00001/gal = \$0.42	none	All
Coal (API2) CIF ARA	CME Group	18:00-17:00 (NY)	1,000 metric tons	All	\$0.05/metric ton = \$50	none	All
Coal (API4) FOB Richards Bay	CME Group	18:00-17:00 (NY)	1,000 metric tons	All	\$0.05/metric ton = \$50	none	All
Coal, Newcastle gC	ICE Europe	1:00-23:00 (London)**	1,000 metric tons	All	US\$0.05/ton = \$50	none	All
Coal, Richards Bay	ICE Europe	1:00-23:00 (London)**	1,000 metric tons	All	US\$0.05/ton = \$50	none	All
Coal, Rotterdam	ICE Europe	1:00-23:00 (London)**	1,000 metric tons	All	US\$0.05/ton = \$50	none	All
Coking Coal	DCE	9:00-11:30, 13:30-15:00 (Beijing)	60 metric tons	All	0.5 CNY/metric ton = CNY30	4% of Last Settlement	none
Crude Oil, Brent	ICE Europe	1:00-23:00 (London)**	1,000 bbl	All	\$0.01/bbl = \$10	none	All
Crude Oil, Dubai	TOCOM	8:45-15:15, 16:30-05:30	50 kl	All	¥10/kl = ¥500	Circuit Breaker	none
Crude Oil, E-Mini	CME Group	18:00-17:00 (NY)	500 bbl	All	\$0.025/bbl = \$12.50	Circuit Breaker	none
Crude Oil, Lt. Sweet (WTI)	CME Group	18:00-17:00 (NY)	1,000 bbl	All	\$0.01/bbl = \$10	Circuit Breaker	All
Crude Oil, Oman	DME	16:45-16:00 (Chi)	1,000 bbl	All	US\$0.01/bbl = \$10	none	All
Crude Oil, WTI	ICE Europe	1:00-23:00 (London)**	1,000 bbl	All	\$0.01/bbl = \$10	none	All
Electricity, PJM	CME Group	18:00-17:00 (NY)	5 MWh	All	\$0.05/MWh = \$0.25	none	All
Emissions, CER	ICE Europe	7:00-17:00 (London)**	1000 CER	H,M,U,Z,Serial	€ 0.01/metric ton=€ 10	none	H,M,U,Z
Emissions, EUA	ICE Europe	7:00-17:00 (London)**	1000 EUA	H,M,U,Z,Serial	€ 0.01/metric ton=€ 10	none	H,M,U,Z
Ethanol	CME Group	18:00-17:00 (NY)	29,000 gal	All	\$0.001/gal = \$29	\$0.30/gal = \$8700	All
Ethanol, Chicago Platts	CME Group	18:00-17:00 (NY)	42,000 gal	All	\$0.0001/gal = \$4.20	none	All
Fuel Oil No. 6, Gulf Coast	CME Group	18:00-17:00 (NY)	1,000 bbl	All	\$0.01/bbl = \$10	none	All
Gasoil, Low Sulfur	ICE Europe	1:00-23:00 (London)**	100 metric tons	All	\$0.25/mt = \$25	none	All
Gasoline, Regular	TOCOM	8:45-15:15, 16:30-05:30	50 kl	All	¥10/kl = ¥500	Circuit Breaker	none
Heating Oil	ICE Europe	1:00-23:00 (London)**	1,000 bbl	All	0.01c/gal = \$4.20	none	All
Jet Kerosene, Singapore	CME Group	18:00-17:00 (NY)	1,000 bbl	All	\$0.001/bbl = \$1	none	All
Jet, Gulf Coast	CME Group	18:00-17:00 (NY)	42,000 gal	All	\$0.0001/gal = \$4.20	none	none
Kerosene	TOCOM	8:45-15:15, 16:30-05:30	50 kl	All	¥10/kl = ¥500	Circuit Breaker	none
Metallurgical Coke	DCE	9:00-11:30, 13:30-15:00 (Beijing)	100 metric tons	All	0.5 CNY/metric ton = CNY50	4% of Last Settlement	none
Natural Gas, Dutch TTF	ICE ENDEX	8:00-18:00 (CET)	1 MW/day	All	€ 0.005/MW	none	All
Natural Gas, E-Mini	CME Group	18:00-17:00 (NY)	2,500 mmBtu	All	\$0.005/mmBtu = \$12.50	Circuit Breaker	none
Natural Gas, Henry Hub	CME Group	18:00-17:00 (NY)	10,000 mmBtu	All	\$0.001/mmBtu = \$10	Circuit Breaker	All
Natural Gas, Last Day Fin	CME Group	18:00-17:00 (NY)	10,000 mmBtu	All	\$0.001/mmBtu = \$10	Circuit Breaker	All
Natural Gas, Penultimate Fin	CME Group	18:00-17:00 (NY)	2,500 mmBtu	All	\$0.001/mmBtu = \$2.50	Circuit Breaker	none
Natural Gas, UK	ICE Europe	7:00-17:00 (London)**	1,000 therms/day	All	0.01 pence/therm	none	All
Propane, Mont Belvieu LDH	CME Group	18:00-17:00 (NY)	42,000 gal	All	\$0.00001/gal = \$0.42	none	All
RBOB Gasoline	CME Group	18:00-17:00 (NY)	42,000 gal	All	\$0.0001/gal = \$4.20	Circuit Breaker	All
RBOB Gasoline, NYH	ICE Europe	1:00-23:00 (London)**	1,000 bbl	All	0.01c/gal = \$4.20	none	All
ULSD, Gulf Coast	CME Group	18:00-17:00 (NY)	42,000 gal	All	\$0.0001/gal = \$4.20	Circuit Breaker	none
ULSD, NY Harbor	CME Group	18:00-17:00 (NY)	42,000 gal	All	\$0.0001/gal = \$4.20	Circuit Breaker	All
FOOD & FIBER							
Butter	CME Group	17:00-16:00, 9:05-13:12†	20,000 lbs	All	\$0.00025/lb = \$5	\$0.05/lb = \$1000	All
Cheese	CME Group	17:00-16:00, 9:05-13:12†	20,000 lbs	All	\$0.001/lb = \$20	\$0.075/lb = \$1500	All
Cocoa	ICE US	4:45-13:30 (NY)	10 metric tons	H,K,N,U,Z	\$1/metric ton = \$10	none	H,K,N,U,Z,Serial
Cocoa, London	ICE Europe	9:30-16:55 (London)	10 metric tons	H,K,N,U,Z	£1/metric ton = £10	none	H,K,N,U,Z
Coffee C	ICE US	4:15-13:30 (NY)	37,500 lbs	H,K,N,U,Z	0.05 c/lb = \$18.75	none	H,K,N,U,Z,Serial
Coffee, Arabica	BM&F	9:00-15:00, 15:30-18:00	100 (60 kg) bags	H,K,N,U,Z	US\$0.05/bag = \$5	Consult Exch	H,K,N,U,Z,Serial
Coffee, Robusta	ICE Europe	9:00-17:30 (London)	10 metric tons	F,H,K,N,U,X	US \$1/metric ton = \$10	none	F,H,K,N,U,X
Cotton #2	ICE US	21:00-14:20 (NY)	50,000 lbs	H,K,N,V,Z	0.01 c/lb = \$5	3c/lb = \$1500	H,K,N,V,Z,Serial
Eggs, Fresh Hen	DCE	9:00-11:30, 13:30-15:00 (Beijing)	5 metric tons	All	1 CNY/500KG = CNY10	4% of Last Settlement	none
Milk, Class III	CME Group	17:00-16:00	200,000 lbs	All	\$0.01/cwt = \$20	\$0.75/cwt = \$1500	All
Milk, Class IV	CME Group	17:00-16:00, 9:05-13:12†	200,000 lbs	All	\$0.01/cwt = \$20	\$0.75/cwt = \$1500	All
Milk, Nonfat Dry	CME Group	17:00-16:00, 9:05-13:12†	44,000 lbs	All	\$0.00025/lb = \$11	\$0.04/lb = \$1760	All
Orange Juice, FCOJ-A	ICE US	8:00-14:00 (NY)	15,000 lbs	F,H,K,N,U,X	0.05 c/lb = \$7.50	10c/lb = \$1500	F,H,K,N,U,X,Serial
Sugar #11, World	ICE US	3:30-13:00 (NY)	112,000 lbs	H,K,N,V	0.01 c/lb = \$11.20	none	F,H,K,N,V,Serial
Sugar #16	ICE US	9:00-13:00 (NY)	112,000 lbs	F,H,K,N,U,X	0.01 c/lb = \$11.20	none	none
Sugar, White	ICE Europe	8:45-18:00 (London)	50 metric tons	H,K,Q,V,Z	US \$0.10/metric ton = \$5	none	H,K,Q,V,Z
Whey, Dry	CME Group	17:00-16:00, 9:05-13:12†	44,000 lbs	All	\$0.00025/lb = \$11	\$0.06/lb = \$2,640	All

*Contract Specifications are subject to change without notice. *All times local, except where indicated: Globex is in the US Central Time Zone. †Open outcry times (options only). Electronic hours usually differ on Sundays. Please consult exchange. **Times vary, please consult exchange. ~Specs change mid-year. ^Spot minimum fluctuation is 0.0025 (1/4 of 1 bp).*

Month Symbols: F=January, G=February, H=March, J=April, K=May, M=June, N=July, Q=August, U=September, V=October, X=November, Z=December

CONTRACT	EXCHANGE	HOURS (LOCAL)*	SIZE	MONTHS	MIN.FLUCTUATION	NORMAL DAILY LIMIT	OPTIONS MOS.
GRAINS & OILSEEDS							
Barley, Feed	ASX	17:00-19:00, 11:00-16:30	20 metric tons	F,H,K,N,U,X	A\$0.10/mt = A\$2	none listed	G,J,M,Q,V,Z
Canola	ICE Canada	20:00-14:20 (NY)	20 metric tons	F,H,K,N,X	C\$0.10/metric ton=C\$2.00	C\$30/mt = C\$600	F,H,K,N,X,Serial
Corn	CME Group	19:00-7:45, 8:30-13:20, 8:30-13:15†	5000 bu	H,K,N,U,Z	1/4 c/bu = \$12.50	25c/bu = \$1250	H,K,N,U,Z,Serial
Corn	DCE	9:00-11:30, 13:30-15:00 (Beijing)	10 metric tons	F,H,K,N,U,X	1 CNY/metric ton = CNY10	4% of Last Settlement	none
Corn	Euronext	10:45-18:30 (Paris)	50 metric tons	F,H,M,Q,X	€0.25/metric ton = €12.50	none listed	F,H,M,Q,X
Corn	TOCOM	8:45-15:15, 16:30-5:30	50 metric tons	F,H,K,N,U,X	¥10/metric tonne = ¥500	Circuit Breaker	none
Corn (Cash-Settled)	BM&F	9:00-16:20, 17:05-18:00	450 (60 kg) bags	F,H,K,N,Q,U,X	BRL 0.01/bag = 4.50 BRL	Consult Exch	F,H,K,N,Q,U,X
Corn, Mini	CME Group	19:00-7:45, 8:30-13:15	1000 bu	H,K,N,U,Z	1/8 c/bu = \$1.25	25c/bu = \$250	none
Oats	CME Group	19:00-7:45, 8:30-13:20, 8:30-13:15†	5000 bu	H,K,N,U,Z	1/4 c/bu = \$12.50	20c/bu = \$1000	H,K,N,U,Z,Serial
Palm Oil, Crude	BMD	10:30-12:30, 14:30-18:00	25 metric tons	All	RM1/metric ton = RM25	Circuit Breaker	All
Palm Olein, RBD	DCE	9:00-11:30, 13:30-15:00 (Beijing)	10 metric tons	All	2 CNY/metric ton = CNY20	4% of Last Settlement	none
Rapeseed	Euronext	10:45-18:30 (Paris)	50 metric tons	G,K,Q,X	€0.25/metric ton = €12.50	none listed	G,K,Q,X
Rough Rice	CME Group	19:00-21:00, 8:30-13:20, 8:30-13:15†	2000 cwt	F,H,K,N,U,X	1/4 c/cwt=\$5.00	\$0.90/cwt = \$1800	F,H,K,N,U,X,Serial
Soybean Crush	CME Group	19:00-7:45, 8:30-13:15	50,000 bu	F,H,K,N,Q,U,V,Z	1/4 c/bu = \$125	none listed	Consult Exch
Soybean Meal	CME Group	19:00-7:45, 8:30-13:20, 8:30-13:15†	100 short tons	F,H,K,N,Q,U,V,Z	\$0.10/ton = \$10.00	\$25/ton = \$2500	F,H,K,N,Q,U,V,Z,Serial
Soybean Meal	DCE	9:00-11:30, 13:30-15:00 (Beijing)	10 metric tons	F,H,K,N,Q,U,X,Z	1 CNY/metric ton = CNY10	4% of Last Settlement	none
Soybean Oil	CME Group	19:00-7:45, 8:30-13:20, 8:30-13:15†	60,000 lbs	F,H,K,N,Q,U,V,Z	1/100 c/lb = \$6.00	60c/bu = \$3000	F,H,K,N,Q,U,V,Z,Serial
Soybean Oil, Crude	DCE	9:00-11:30, 13:30-15:00 (Beijing)	10 metric tons	F,H,K,N,Q,U,X,Z	2 CNY/metric ton = CNY20	4% of Last Settlement	none
Soybeans	TOCOM	8:45-15:15, 16:30-5:30	25 metric tons	G,J,M,Q,V,Z	¥10/metric tonne = ¥250	Circuit Breaker	none
Soybeans	CME Group	19:00-7:45, 8:30-13:20, 8:30-13:15†	5000 bu	F,H,K,N,Q,U,X	1/4 c/bu = \$12.50	\$0.75/bu = \$3750	F,H,K,N,Q,U,X,Serial
Soybeans (No.1)	DCE	9:00-11:30, 13:30-15:00 (Beijing)	10 metric tons	F,H,K,N,U,X	1 CNY/metric ton = CNY10	4% of Last Settlement	none
Soybeans, Mini	CME Group	19:00-7:45, 8:30-13:45	1000 bu	F,H,K,N,Q,U,X	1/8 c/bu = \$1.25	\$0.75/bu = \$750	none
Wheat (HRS)	MGEX	19:00-7:45, 8:30-13:30	5000 bu	H,K,N,U,Z	1/4 c/bu = \$12.50	35c/bu = \$3500	H,K,N,U,Z
Wheat, Chi SRW	CME Group	19:00-7:45, 8:30-13:20, 8:30-13:15†	5000 bu	H,K,N,U,Z	1/4 c/bu = \$12.50	35c/bu = \$1750	H,K,N,U,Z,Serial
Wheat, Chi SRW Mini	CME Group	19:00-7:45, 8:30-13:45	1000 bu	H,K,N,U,Z	1/8 c/bu = \$1.25	35c/bu = \$350	none
Wheat, Black Sea	CME Group	01:30-13:20	136 metric tons	H,K,U,Z	\$0.10/metric ton = \$13.60	\$22/metric ton = \$2992	none
Wheat, Feed UK	ICE Europe	9:25-17:28 (London)	100 metric tons	F,H,K,N,X	5 pence/metric ton = £5	none	F,H,K,N,X
Wheat, KC HRW	CME Group	19:00-7:45, 8:30-13:20, 8:30-13:15†	5000 bu	H,K,N,U,Z	1/4 c/bu = \$12.50	35c/bu = \$1750	H,K,N,U,Z,Serial
Wheat, KC HRW Mini	CME Group	19:00-7:45, 8:30-13:45	1000 bu	H,K,N,U,Z	1/8 c/bu = \$1.25	35c/bu = \$350	none
Wheat, Milling	Euronext	10:45-18:30 (Paris)	50 metric tons	H,K,U,Z	€0.25/metric ton = €12.50	none listed	H,K,U,Z
Wheat, Eastern Australian	ASX	17:00-19:00, 11:00-16:30	20 metric tons	F,H,K,N,U	A\$0.10/mt = A\$2	none listed	G,J,M,Q,Z
INDICES & STOCKS							
AEX	Euronext	8:00-18:30, 18:30-22:00 (CET)	€200 x Index	H,M,U,Z, Serial	0.05 = €10	none	H,M,U,Z, Serial
CAC-40	Euronext	7:00-18:30, 18:30-22:00 (CET)	€10 x Index	H,M,U,Z, Serial	0.5 = €5	none	H,M,U,Z, Serial
CNX Nifty	SGX	9:00-18:10, 18:40-4:45	US\$2 x Index	H,M,U,Z,Serial	0.5 = US\$1	Circuit Breaker	H,M,U,Z,Serial
DAX	EUREX	7:50-22:00 (CET)	€25 x Index	H,M,U,Z	0.5 = €12.50	none	H,M,U,Z,Serial
DJ Real Estate	CME Group	17:00-15:15, 15:30-16:00	\$100 x Index	H,M,U,Z	0.1 = \$10	Circuit Breaker	none
DJIA, E-Mini (\$5)	CME Group	17:00-15:15, 15:30-16:00	\$5 x Index	H,M,U,Z	1 = \$5	Circuit Breaker	H,M,U,Z
EURO STOXX	EUREX	7:50-22:00 (CET)	€50 x Index	H,M,U,Z	0.1 = €5	none	H,M,U,Z,Serial
EURO STOXX 50	EUREX	7:50-22:00 (CET)	€10 x Index	H,M,U,Z	1 = €10	none	H,M,U,Z,Serial
EURO STOXX 50 Dividend	EUREX	8:30-22:00 (CET)	€100 x Index	Z	0.1 = €10	none	Z
EURO STOXX Sector	EUREX	7:50-22:00 (CET)	€50 x Index	H,M,U,Z	0.1 = €5	none	H,M,U,Z,Serial
FTSE 100	ICE Europe	1:00-21:00 (London)	£10 x Index	H,M,U,Z	0.5 = £5	none	All
FTSE 250	ICE Europe	7:00-17:30 (London)	£2 x Index	H,M,U,Z	0.5 = £1	none	none
FTSE China A50	SGX	9:00-16:30,17:00-4:45	US\$1 x Index	H,M,U,Z,Serial	2.5 = US\$2.50	Circuit Breaker	none
FTSE KLCI	BMD	8:45-12:45, 14:30-17:15	RM50 x Index	H,M,U,Z,Serial	0.5 = RM25	20% of Last Settlement	H,M,U,Z, Serial
Hang Seng Index	HKEx	9:15-12:00,13:00-16:30,17:15-1:00	HK\$50 x Index	H,M,U,Z,Serial	1 = HK\$50	none listed	H,M,U,Z,Serial
Hang Seng Mini	HKEx	9:15-12:00,13:00-16:30,17:15-1:00	HK\$10 x Index	H,M,U,Z,Serial	1 = HK\$10	none listed	H,M,U,Z,Serial
H-shares	HKEx	9:15-12:00,13:00-16:30,17:15-1:00	HK\$50 x Index	H,M,U,Z,Serial	1 = HK\$50	none listed	H,M,U,Z,Serial
H-shares Mini	HKEx	9:15-12:00,13:00-16:30,17:15-1:00	HK\$10 x Index	H,M,U,Z,Serial	1 = HK\$10	none listed	H,M,U,Z,Serial
IBEX-35	MEFF	8:00-20:00	€10 x Index	H,M,U,Z,Serial	varies	none	H,M,U,Z,Serial
IBEX-35 Mini	MEFF	8:00-20:00	€1 x Index	H,M,U,Z,Serial	5 = €5	none	none
Ibovespa	BM&F	9:00-17:55	1 BRL x Index	G,J,M,Q,V,Z	5 points = BRL 5	Consult Exch	G,J,M,Q,V,Z
Interbank Deposit, 1-Day	BM&F	9:00-16:00, 16:50-18:00	Consult Exchange	All	1 Basis Point	Consult Exch	All
JPX-Nikkei 400	JPX-OSE	8:45-15:15, 16:30-5:30	¥100 x Index	H,M,U,Z	5 = ¥500	Circuit Breaker	H,M,U,Z,Serial
MSCI EAFE	ICE US	20:00-18:00 (NY)	\$50 x Index	H,M,U,Z	0.10 = \$5	none	H,M,U,Z,Serial
MSCI Emerging Mkts	ICE US	20:00-18:00 (NY)	\$50 x Index	H,M,U,Z	0.10 = \$5	none	H,M,U,Z,Serial
MSCI Europe	EUREX	7:50-22:00 (CET)	€100 x Index	H,M,U,Z	0.05 = €5	none	H,M,U,Z,Serial
MSCI Indonesia	SGX	9:00-17:25,18:55-4:45	US\$2 x Index	H,M,U,Z,Serial	5 = US\$10	Circuit Breaker	none
MSCI Singapore	SGX	8:30-17:10,17:40-4:45	\$8100 x Index	H,M,U,Z,Serial	0.05 = \$85	Circuit Breaker	H,M,U,Z,Serial
MSCI Taiwan	SGX	8:45-13:45,14:15-4:45	US\$100 x Index	H,M,U,Z,Serial	0.1 = US\$10	Circuit Breaker	H,M,U,Z,Serial
Nasdaq 100, E-Mini	CME Group	17:00-15:15, 15:30-16:00	\$20 x Index	H,M,U,Z	0.25 = \$5	Circuit Breaker	H,M,U,Z
Nikkei 225	JPX-OSE	8:45-15:15, 16:30-5:30	¥1,000 x Index	H,M,U,Z	10 = ¥10,000	Circuit Breaker	H,M,U,Z,Serial
Nikkei 225	SGX	7:30-14:25,14:55-4:45	¥500 x Index	H,M,U,Z,Serial	5 = ¥2,500	Circuit Breaker	H,M,U,Z,Serial
Nikkei 225 (Dollar)	CME Group	17:00-15:15, 15:30-16:00	\$5 x Index	H,M,U,Z	5 = \$25	Circuit Breaker	H,M,U,Z,Serial
Nikkei 225 (Yen)	CME Group	17:00-16:00	¥500 x Index	H,M,U,Z,Serial	5 = ¥2,500	Circuit Breaker	H,M,U,Z
Nikkei 225 Mini	JPX-OSE	8:45-15:15, 16:30-5:30	¥100 x Index	H,M,U,Z,Serial	5 = ¥500	Circuit Breaker	none
RDX USD	EUREX	7:50-22:00 (CET)	US\$10 x Index	H,M,U,Z	0.5 = \$5	none	H,M,U,Z,Serial
Russell 1000 Growth Mini	CME Group	17:00-15:15, 15:30-16:00	\$50 x Index	H,M,U,Z	0.10 = \$5	Consult Exch	none
Russell 1000 Mini	CME Group	17:00-15:15, 15:30-16:00	\$50 x Index	H,M,U,Z	0.10 = \$5	Consult Exch	none
Russell 1000 Value Mini	CME Group	17:00-15:15, 15:30-16:00	\$50 x Index	H,M,U,Z	0.10 = \$5	Consult Exch	none
Russell 2000 Mini	CME Group	17:00-15:15, 15:30-16:00	\$50 x Index	H,M,U,Z	0.10 = \$5	Consult Exch	H,M,U,Z
S&P 400 Midcap, E-Mini	CME Group	17:00-15:15, 15:30-16:00	\$100 x Index	H,M,U,Z	0.10 = \$10	Circuit Breaker	H,M,U,Z
S&P 500	CME Group	17:00-15:15, 15:30-16:00, 8:30-15:15†	\$250 x Index	H,M,U,Z	0.10 = \$25	Circuit Breaker	H,M,U,Z
S&P 500, E-Mini	CME Group	17:00-15:15, 15:30-16:00	\$50 x Index	H,M,U,Z	0.25 = \$12.50	Circuit Breaker	H,M,U,Z
S&P/BMV	Mex Dev	7:30-15:00 (Mexico City)	MXN10 x Index	H,M,U,Z	5 = MXN50	none	none
S&P/TSX 60	TMX	6:00-9:15, 9:30-16:30	C\$200 x Index	H,M,U,Z	0.10 = C\$20	Circuit Breaker	H,M,U,Z,Serial
S&P/TSX 60 Mini	TMX	6:00-9:15, 9:30-16:30	C\$50 x Index	H,M,U,Z	0.10 = C\$5	Circuit Breaker	none
S&P-GSCI	CME Group	17:00-16:00	\$250 x Index	All	0.05 = \$12.50	none	none
S&P-GSCI Excess Return	CME Group	17:00-16:00	\$100 x Index	All	0.001 = \$0.10	none	none
Single Stocks	One Chicago	8:30-15:00	100 Shares	All	\$0.01 x 100 shares = \$1	none	none
SMI	EUREX	7:50-22:00 (CET)	CHF10 x Index	H,M,U,Z	1 = CHF10	none	H,M,U,Z,Serial
SPI 200 Index	ASX	17:10-8:00(7:00), 9:50-16:30**	A\$25 x Index	H,M,U,Z,Serial	1 = A\$25	Consult Exch	H,M,U,Z,Serial
STOXX Europe 600	EUREX	7:50-22:00 (CET)	€50 x Index	H,M,U,Z	0.1 = €5	none	H,M,U,Z,Serial
STOXX Europe 600 Sector	EUREX	7:50-22:00 (CET)	€50 x Index	H,M,U,Z	0.1 = €5	none	H,M,U,Z,Serial
Topix	JPX-OSE	8:45-15:15, 16:30-5:30	¥10,000 x Index	H,M,U,Z	0.5 = ¥ 5,000	Circuit Breaker	H,M,U,Z,Serial
Topix Mini	JPX-OSE	8:45-15:15, 16:30-5:30	¥1,000 x Index	H,M,U,Z	0.25 = ¥ 250	Circuit Breaker	none
VSTOXX	EUREX	7:50-22:00 (CET)	€100 x Index	All	0.05 = €5	none	All
Volatility Index (VIX)	CBOE	17:00-15:15, 15:30-16:00	\$1000 x Index	G,K,Q,X,Serial	0.05 = \$25	Circuit Breaker	none

Contract Specifications are subject to change without notice. *All times local, except where indicated: Globex is in the US Central Time Zone. †Open outcry times (options only).
 Electronic hours usually differ on Sundays. Please consult exchange. **Times vary, please consult exchange. ~Specs change mid-year. ^Spot minimum fluctuation is 0.0025 (1/4 of 1 bp).
 Month Symbols: F=January, G=February, H=March, J=April, K=May, M=June, N=July, Q=August, U=September, V=October, X=November, Z=December

CONTRACT	EXCHANGE	HOURS (LOCAL)*	SIZE	MONTHS	MIN.FLUCTUATION	NORMAL DAILY LIMIT	OPTIONS MOS.
INDUSTRIAL PRODUCTS							
Lumber	CME Group	9:00-16:00, 9:00-13:07†	110,000 bd ft	F,H,K,N,U,X	\$0.10/mbf = \$11	\$10/mbf = \$1100	F,H,K,N,U,X,Serial
Polyethylene (LLDPE)	DCE	9:00-11:30, 13:30-15:00 (Beijing)	5 metric tons	All	5 CNY/metric ton = CNY25	4% of Last Settlement	none
Polypropylene (PP)	DCE	9:00-11:30, 13:30-15:00 (Beijing)	5 metric tons	All	1 CNY/metric ton = CNY5	4% of Last Settlement	none
Polyvinyl Chloride (PVC)	DCE	9:00-11:30, 13:30-15:00 (Beijing)	5 metric tons	All	5 CNY/metric ton = CNY25	4% of Last Settlement	none
Rubber	TOCOM	8:45-15:15, 16:30-19:00	5,000 kg	All	¥0.1/kg = ¥500	Circuit Breaker	none
Rubber (RSS3 & TSR20)	SGX	7:55-18:00	5 metric tons	All	\$0.001/kg = US\$5	Circuit Breaker	none
Wood Pellets	Euronext	10:45-18:30 (Paris)	25 metric tons	H,K,U,Z	€0.25/metric ton = €6.25	none listed	none
INTEREST RATES							
30 Day Interbank Cash Rate	ASX	17:14-7:30(7:00), 8:34-16:30**	A\$3,000,000	All	0.005% = A\$12.33	none listed	None
Austral Bank Bill 90-Day	ASX	17:08-7:30(7:00), 8:28-16:30**	A\$1,000,000	H,M,U,Z	0.01% = A\$24 (approx)	none listed	H,M,U,Z, Serial
Austral Govt Bond, 10 yr	ASX	17:12-7:30(7:00), 8:32-16:30**	A\$100,000	H,M,U,Z	0.005% = A\$47 (approx)	none listed	H,M,U,Z,Serial
Austral Govt Bond, 3 yr	ASX	17:10-7:30(7:00), 8:30-16:30**	A\$100,000	H,M,U,Z	0.005% = A\$15 (approx)	none listed	H,M,U,Z,Serial
Bono 10	MEFF	8:00-17:35	€ 100,000	H,M,U,Z	1 bp = €10	none	none
Can Bankers Accept (BAX)	TMX	2:00-16:30	C\$1,000,000	H,M,U,Z,Serial	0.005 = C\$12.50	none	H,M,U,Z,Serial
Can Govt Bond, 10 yr	TMX	2:00-16:30	C\$100,000	H,M,U,Z	0.01 = C\$10	none	H,M,U,Z,Serial
Can Govt Bond, 2 yr	TMX	2:00-16:30	C\$200,000	H,M,U,Z	0.005 = C\$10	none	none
Can Govt Bond, 5 yr	TMX	2:00-16:30	C\$100,000	H,M,U,Z	0.01 = C\$10	none	none
Euribor, 3 mo	ICE Europe	1:00-21:00 (London)	€ 1,000,000	H,M,U,Z, Serial	0.005 = €12.50	none	H,M,U,Z,Serial
Euribor, 3 mo	EUREX	8:00-19:00 (CET)	€ 1,000,000	H,M,U,Z, Serial	0.005 = €12.50	none	H,M,U,Z,Serial
Euro Swapnotes, 10 yr	ICE Europe	7:00-18:00 (London)	€ 100,000	H,M,U,Z	0.01 = €10	none	none
Euro Swapnotes, 2 yr	ICE Europe	7:00-18:00 (London)	€ 100,000	H,M,U,Z	0.005 = €5	none	none
Euro Swapnotes, 5 yr	ICE Europe	7:00-18:00 (London)	€ 100,000	H,M,U,Z	0.01 = €10	none	none
Euro-Bobl	EUREX	8:00-19:00 (CET)	€ 100,000	H,M,U,Z	0.01 = €10	none	H,M,U,Z, Serial
Euro-BTP (Long Term)	EUREX	8:00-19:00 (CET)	€ 100,000	H,M,U,Z	0.01 = €10	none	H,M,U,Z, Serial
Euro-BTP (Short Term)	EUREX	8:00-19:00 (CET)	€ 100,000	H,M,U,Z	0.01 = €10	none	none
Euro-Bund	EUREX	8:00-19:00 (CET)	€ 100,000	H,M,U,Z	0.01 = €10	none	H,M,U,Z,Serial
Euro-Buxl	EUREX	8:00-19:00 (CET)	€ 100,000	H,M,U,Z	0.02 = €20	none	none
Eurodollar	CME Group	17:00-16:00, 7:20-14:00†	\$1,000,000	H,M,U,Z, Serial	0.005 = \$12.50^	none listed	H,M,U,Z, Serial
Eurodollar	SGX	7:00-05:00	\$1,000,000	H,M,U,Z, Serial	1/2 of 1 bp = \$12.50	none	none
Eurodollar, 1 month	CME Group	17:00-16:00, 7:20-14:00†	\$3,000,000	All	0.0025 = \$6.25	none listed	All
Euro-OAT	EUREX	8:00-19:00 (CET)	€ 100,000	H,M,U,Z	0.01 = €10	none	H,M,U,Z, Serial
Euro-Schatz	EUREX	8:00-19:00 (CET)	€ 100,000	H,M,U,Z	0.005 = €5	none	H,M,U,Z, Serial
EuroSwiss, 3 mo	ICE Europe	7:30-18:00 (London)	CHF 1,000,000	H,M,U,Z	0.01 = CHF25	none	H,M,U,Z
Euroyen (TIBOR)	SGX	7:25-19:05, 19:20-4:45	¥100 million	H,M,U,Z	0.0025 = ¥625	none	H,M,U,Z
Fed Funds, 30 day	CME Group	17:00-16:00, 7:20-14:00†	\$5,000,000	All	1/4 of 1 bp = \$10.4175^	none listed	All
Jpn Govt Bond 10 yr (JGB)	SGX	7:25-17:10, 17:30-4:45	¥100 million	H,M,U,Z	0.01/100 = ¥10,000	none	none
Jpn Govt Bond 10 yr (JGB)	JPX-OSE	8:45-11:02,12:30-15:02,15:30-3:00	¥100 million	H,M,U,Z	¥0.01 = ¥10,000	Circuit Breaker	H,M,U,Z, Serial
Jpn Govt Bond 10 yr Mini	SGX	7:25-17:10, 17:30-4:45	¥10 million	H,M,U,Z	0.01/100 = ¥1,000	none	H,M,U,Z, Serial
Long Gilt	ICE Europe	8:00-18:00 (London)	£100,000	H,M,U,Z	0.01 = £10	none	H,M,U,Z, Serial
New Zealand Bank Bill, 90-Day	ASX	17:40-7:00, 8:30-16:30 (NZ)	NZ\$1,000,000	H,M,U,Z	0.01% = NZ\$24 (approx)	none listed	H,M,U,Z
Short Sterling	ICE Europe	7:30-18:00 (London)	€500,000	H,M,U,Z, Serial	0.01 = €12.50	none	H,M,U,Z, Serial
Swaps (2 & 5 yr)	CME Group	17:00-16:00	\$100,000	H,M,U,Z	1/4 of 1/32 = \$7.8125	Consult Exch	none
Swaps (10 yr)	CME Group	17:00-16:00	\$100,000	H,M,U,Z	1/2 of 1/32 = \$15.625	Consult Exch	none
Swaps (20 & 30 yr)	CME Group	17:00-16:00	\$100,000	H,M,U,Z	1/32 = \$31.25	Consult Exch	none
US T-Bonds	CME Group	17:00-16:00, 7:20-14:00†	\$100,000	H,M,U,Z	1/32 = \$31.25	Circuit Breaker	H,M,U,Z,Serial,Wkly
US T-Bonds, Ultra	CME Group	17:00-16:00, 7:20-14:00†	\$100,000	H,M,U,Z	1/32 = \$31.25	Circuit Breaker	H,M,U,Z,Serial,Wkly
US T-Notes, 2-yr	CME Group	17:00-16:00, 7:20-14:00†	\$200,000	H,M,U,Z	1/4 of 1/32 = \$15.625	Circuit Breaker	H,M,U,Z,Serial,Wkly
US T-Notes, 5-yr	CME Group	17:00-16:00, 7:20-14:00†	\$100,000	H,M,U,Z	1/4 of 1/32 = \$7.8125	Circuit Breaker	H,M,U,Z,Serial,Wkly
US T-Notes, 10-yr	CME Group	17:00-16:00, 7:20-14:00†	\$100,000	H,M,U,Z	1/2 of 1/32 = \$15.625	Circuit Breaker	H,M,U,Z,Serial,Wkly
US Treasury REPO	ICE Europe	19:45-17:00 (NY)	\$5,000,000	All	0.005 = \$20.835^	none	none
LIVESTOCK & MEAT							
Cattle, Feeder	CME Group	8:30-13:05, 8:30-13:02†	50,000 lbs	F,H,J,K,Q,U,V,X	\$0.00025/lb = \$12.50	\$0.045/lb = \$2250	F,H,J,K,Q,U,V,X
Cattle, Live	BM&F	9:00-16:30, 17:05-18:00	330 net arrobas	All	BRL 0.05/net arroba = BRL 16.50	Consult Exch	All
Cattle, Live	CME Group	8:30-13:05, 8:30-13:02†	40,000 lbs	G,J,M,Q,V,Z	\$0.00025/lb = \$10	\$0.03/lb = \$1200	G,J,M,Q,V,Z,Serial
Hogs, Lean	CME Group	8:30-13:05, 8:30-13:02†	40,000 lbs	G,J,K,M,N,Q,V,Z	\$0.00025/lb = \$10	\$0.03/lb = \$1200	G,J,K,M,N,Q,V,Z
METALS							
Aluminum	CME Group	18:00-17:00 (NY)	25 metric tons	All	\$0.25/metric ton = \$6.25	none listed	none
Aluminum MW/Platts	CME Group	18:00-17:00 (NY)	25 metric tons	All	\$0.00001/lb	none listed	none
Copper	CME Group	18:00-17:00 (NY)	25,000 lbs	All	0.05 c/lb = \$12.50	Circuit Breaker	All
Copper, E-Mini	CME Group	18:00-17:00 (NY)	12,500 lbs	All	\$0.002/lb = \$25	Circuit Breaker	none
Gold	CME Group	18:00-17:00 (NY)	100 oz	G,J,M,Q,V,Z,Serial	\$0.10/oz = \$10	Circuit Breaker	All
Gold	TOCOM	8:45-15:15, 16:30-5:30	1 kg	G,J,M,Q,V,Z	¥1/g = ¥1000	Circuit Breaker	G,J,M,Q,V,Z
Gold Mini	TOCOM	8:45-15:15, 16:30-5:30	100 g	G,J,M,Q,V,Z	¥1/g = ¥100	Circuit Breaker	none
Gold, Mini	ICE US	20:00-18:00 (NY)	32.15 oz	G,J,M,Q,V,Z,Serial	\$0.10/oz = \$3.215	none	G,J,M,Q,V,Z,Serial
Gold, E-Mini	CME Group	18:00-17:00 (NY)	50 oz	G,J,M,Q,V,Z	\$0.25/oz = \$12.50	Circuit Breaker	none
Gold, E-Micro	CME Group	18:00-17:00 (NY)	10 oz	G,J,M,Q,V,Z	\$0.10/oz = \$1.00	Circuit Breaker	none
Palladium	TOCOM	8:45-15:15, 16:30-5:30	500 g	G,J,M,Q,V,Z	¥1/g = ¥ 500	Circuit Breaker	none
Palladium	CME Group	18:00-17:00 (NY)	100 oz	H,M,U,Z,Serial	\$0.10/oz = \$10	Circuit Breaker	H,M,U,Z,Serial
Platinum	CME Group	18:00-17:00 (NY)	50 oz	F,J,N,V,Serial	\$0.10/oz = \$5	Circuit Breaker	F,J,N,V,Serial
Platinum	TOCOM	8:45-15:15, 16:30-5:30	500 g	G,J,M,Q,V,Z	¥1/g = ¥ 500	Circuit Breaker	none
Platinum Mini	TOCOM	8:45-15:15, 16:30-5:30	100 g	G,J,M,Q,V,Z	¥1/g = ¥ 100	Circuit Breaker	none
Silver	CME Group	18:00-17:00 (NY)	5000 oz	F,H,K,N,U,Z,Serial	\$0.005/oz = \$25	Circuit Breaker	All
Silver	TOCOM	8:45-15:15, 16:30-5:30	10 kg	G,J,M,Q,V,Z	¥0.1/g=¥1000	Circuit Breaker	none
Silver, 1000 oz	CME Group	18:00-17:00 (NY)	1000 oz	F,H,K,N,U,Z,Serial	\$0.01/oz = \$10	Circuit Breaker	none
Silver, Mini	ICE US	20:00-18:00 (NY)	1000 oz	F,H,K,N,U,Z,Serial	\$0.001/oz = \$1	none	F,H,K,N,U,Z,Serial
Silver, E-Mini	CME Group	18:00-17:00 (NY)	2500 oz	F,H,K,N,U,Z	\$0.0125/oz = \$31.25	Circuit Breaker	none
Steel, US Midwest CRU	CME Group	18:00-17:00 (NY)	20 short tons	All	\$1/short ton = \$20	none listed	All
Uranium U308	CME Group	18:00-17:00 (NY)	250 lbs. of U308	All	\$0.05/lb = \$12.50	none listed	none
Zinc	CME Group	18:00-17:00 (NY)	25 metric tons	All	\$0.50/metric ton = \$12.50	none listed	none
WEATHER							
Cooling Degree Days, US	CME Group	17:00-15:15	\$20 x CDD Index	K,M,N,Q,U	1 pt = \$20	none listed	K,M,N,Q,U
Cumulative Avg Temp, Europe	CME Group	17:00-15:15	€20/€20 x Index	K,M,N,Q,U	1 pt = €20/€20	none listed	K,M,N,Q,U
Heating Degree Days, Europe	CME Group	17:00-15:15	€20/€20 x Index	X,Z,F,G,H	1 pt = €20/€20	none listed	X,Z,F,G,H
Heating Degree Days, US	CME Group	17:00-15:15	\$20 x HDD Index	V,X,Z,F,G,H,J	1 pt = \$20	none listed	V,X,Z,F,G,H,J

*Contract Specifications are subject to change without notice. *All times local, except where indicated: Globex is in the US Central Time Zone. †Open outcry times (options only).
Electronic hours usually differ on Sundays. Please consult exchange. **Times vary, please consult exchange. ~Specs change mid-year. ^Spot minimum fluctuation is 0.0025 (1/4 of 1 bp).
Month Symbols: F=January, G=February, H=March, J=April, K=May, M=June, N=July, Q=August, U=September, V=October, X=November, Z=December*

2019 FUTURES EXPIRATION CALENDAR

DOLLAR INDEX

	FND	LTD
Mar	-	3/18
Jun	-	6/17
Sep	-	9/16
Dec	-	12/16

EURO/POUND/SWISS FRANC/ YEN/AUSTRALIAN DOLLAR

	FND	LTD
Mar	-	3/18
Jun	-	6/17
Sep	-	9/16
Dec	-	12/16

CANADIAN DOLLAR

	FND	LTD
Mar	-	3/19
Jun	-	6/18
Sep	-	9/17
Dec	-	12/17

BRAZILIAN REAL

	LTD
Jan	12/31/18
Feb	1/31/19
Mar	2/28
Apr	3/29
May	4/30
Jun	5/31
Jul	6/28
Aug	7/31
Sep	8/30
Oct	9/30
Nov	10/31
Dec	11/29
Jan'20	12/31

MEXICAN PESO

	LTD
Jan	1/14
Feb	2/15
Mar	3/18
Apr	4/15
May	5/13
Jun	6/17
Jul	7/15
Aug	8/19
Sep	9/16
Oct	10/11
Nov	11/18
Dec	12/16

S&P 500

	FND	LTD
Mar	-	3/14
Jun	-	6/20
Sep	-	9/19
Dec	-	12/19

E-mini DOW, NASDAQ, S&P/ RUSSELL

	FND	LTD
Mar	-	3/15
Jun	-	6/21
Sep	-	9/20
Dec	-	12/20

SINGLE STOCKS

	FND	LTD
Jan	-	1/18
Feb	-	2/15
Mar	-	3/15
Apr	-	4/18
May	-	5/17
Jun	-	6/21
Jul	-	7/19
Aug	-	8/16
Sep	-	9/20
Oct	-	10/18
Nov	-	11/15
Dec	-	12/20

CME NIKKEI (DOLLAR)

	FND	LTD
Mar	-	3/07
Jun	-	6/13
Sep	-	9/12
Dec	-	12/12

CME EURODOLLAR

	FND	LTD
Jan	-	1/14
Feb	-	2/18
Mar	-	3/18
Apr	-	4/15
May	-	5/13
Jun	-	6/17
Jul	-	7/15
Aug	-	8/19
Sep	-	9/16
Oct	-	10/14
Nov	-	11/18
Dec	-	12/16

2YR & 5YR NOTES

	FND	LTD
Mar	2/28	3/29
Jun	5/31	6/28
Sep	8/30	9/30
Dec	11/29	12/31

T-BONDS/10YR NOTES

	FND	LTD
Mar	2/28	3/20
Jun	5/31	6/19
Sep	8/30	9/19
Dec	11/29	12/19

LIFFE LONG GILT

	FND	LTD
Mar	2/27	3/27
Jun	5/30	6/26
Sep	8/29	9/26
Dec	11/28	12/27

30-DAY FED FUNDS

	FND	LTD
Jan	-	1/31
Feb	-	2/28
Mar	-	3/29
Apr	-	4/30
May	-	5/31
Jun	-	6/28
Jul	-	7/31
Aug	-	8/30
Sep	-	9/30
Oct	-	10/31
Nov	-	11/29
Dec	-	12/31

NY GOLD, SILVER, COPPER, PLATINUM & PALLADIUM

	FND	LTD
Jan	12/31/18	1/29
Feb	1/31/19	2/26
Mar	2/28	3/27
Apr	3/29	4/26
May	4/30	5/29
Jun	5/31	6/26
Jul	6/28	7/29
Aug	7/31	8/28
Sep	8/30	9/26
Oct	9/30	10/29
Nov	10/31	11/26
Dec	11/29	12/27
Jan'20	12/31	1/29/20

NY CRUDE LT

	FND	LTD
Jan	12/21/18	12/19/18
Feb	1/24/19	1/22/19
Mar	2/22	2/20
Apr	3/22	3/20
May	4/24	4/22
Jun	5/23	5/21
Jul	6/24	6/20
Aug	7/24	7/22
Sep	8/22	8/20
Oct	9/24	9/20
Nov	10/24	10/22
Dec	11/22	11/20
Jan'20	12/23	12/19

NY RBOB & ULSO

	FND	LTD
Jan	1/03	12/31/18
Feb	2/04	1/31/19
Mar	3/04	2/28
Apr	4/02	3/29
May	5/02	4/30
Jun	6/04	5/31
Jul	7/02	6/28
Aug	8/02	7/31
Sep	9/04	8/30
Oct	10/02	9/30
Nov	11/04	10/31
Dec	12/03	11/29
Jan'20	1/03/20	12/31

NY NATURAL GAS

	FND	LTD
Jan	12/28/18	12/27/18
Feb	1/30/19	1/29/19
Mar	2/27	2/26
Apr	3/28	3/27
May	4/29	4/26
Jun	5/30	5/29
Jul	6/27	6/26
Aug	7/30	7/29
Sep	8/29	8/28
Oct	9/27	9/26
Nov	10/30	10/29
Dec	11/27	11/26
Jan'20	12/30	12/27

ICE BRENT CRUDE

	FND	LTD
Jan	11/30/18	11/30/18
Feb	12/28/18	12/28/18
Mar	1/31/19	1/31/19
Apr	2/28	2/28
May	3/29	3/29
Jun	4/30	4/30
Jul	5/31	5/31
Aug	6/28	6/28
Sep	7/31	7/31
Oct	8/30	8/30
Nov	9/30	9/30
Dec	10/31	10/31
Jan'20	11/29	11/29
Feb'20	12/30	12/30

CHI, KC, MN WHEAT

	FND	LTD
Mar	2/28	3/14
May	4/30	5/14
Jul	6/28	7/12
Sep	8/30	9/13
Dec	11/29	12/13

CORN, OATS

	FND	LTD
Mar	2/28	3/14
May	4/30	5/14
Jul	6/28	7/12
Sep	8/30	9/13
Dec	11/29	12/13

LEAN HOGS

	FND	LTD
Feb	-	2/14
Apr	-	4/12
May	-	5/14
Jun	-	6/14
Jul	-	7/15
Aug	-	8/14
Oct	-	10/14
Dec	-	12/13

LIVE CATTLE

	FND	LTD
Feb	2/04	2/28
Apr	4/08	4/30
Jun	6/10	6/28
Aug	8/05	8/30
Oct	10/07	10/31
Dec	12/09	12/31

FEEDER CATTLE

	FND	LTD
Jan	-	1/31
Mar	-	3/28
Apr	-	4/18
May	-	5/23
Aug	-	8/29
Sep	-	9/26
Oct	-	10/31
Nov	-	11/21

SOYBEANS

	FND	LTD
Jan	12/31/18	1/14
Mar	2/28/19	3/14
May	4/30	5/14
Jul	6/28	7/12
Aug	7/31	8/14
Sep	8/30	9/13
Nov	10/31	11/14
Jan'19	12/31	1/14/20

SOYBEAN MEAL & OIL

	FND	LTD
Jan	12/31/18	1/14
Mar	2/28/19	3/14
May	4/30	5/14
Jul	6/28	7/12
Aug	7/31	8/14
Sep	8/30	9/13
Oct	9/30	10/14
Dec	11/29	12/13
Jan'20	12/31	1/14/20

ICE COFFEE

	FND	LTD
Mar	2/20	3/19
May	4/22	5/20
Jul	6/20	7/19
Sep	8/22	9/18
Dec	11/20	12/18

ICE SUGAR 11

	FND	LTD
Mar	3/01	2/28
May	5/01	4/30
Jul	7/01	6/28
Oct	10/01	9/30

ICE COCOA

	FND	LTD
Mar	2/14	3/14
May	4/16	5/15
Jul	6/17	7/16
Sep	8/19	9/13
Dec	11/15	12/13

COTTON

	FND	LTD
Mar	2/22	3/07
May	4/24	5/08
Jul	6/24	7/09
Oct	9/24	10/09
Dec	11/22	12/06

ORANGE JUICE

	FND	LTD
Jan	1/02	1/10
Mar	3/01	3/11
May	5/01	5/10
Jul	7/01	7/11
Sep	9/03	9/10
Nov	11/01	11/08

RICE

	FND	LTD
Jan	12/31/18	1/14
Mar	2/28/19	3/14
May	4/30	5/14
Jul	6/28	7/12
Sep	8/30	9/13
Nov	10/31	11/14
Jan'20	12/31	1/14/20

MILK & BUTTER

	FND	LTD
Dec'18	-	1/02
Jan	-	1/29
Feb	-	2/26
Mar	-	4/02
Apr	-	4/30
May	-	

2019 OPTIONS EXPIRATION CALENDAR

<p>EURO, POUND/SWISS FRANC/ YEN/AUSTRALIAN DOLLAR/ CANADIAN DOLLAR/ MX PESO/DOLLAR INDEX</p> <p>LTD Jan 1/04 Feb 2/08 Mar 3/08 Apr 4/05 May 5/03 Jun 6/07 Jul 7/05 Aug 8/09 Sep 9/06 Oct 10/04 Nov 11/08 Dec 12/06</p>	<p>CME EURODOLLAR</p> <p>LTD Jan 1/11 Feb 2/15 Mar 3/18 Apr 4/12 May 5/10 Jun 6/17 Jul 7/12^ Aug 8/16 Sep 9/16 Oct 10/11 Nov 11/15 Dec 12/16</p> <p>30-DAY FED FUNDS</p> <p>LTD Jan 1/31 Feb 2/28 Mar 3/29 Apr 4/30 May 5/31 Jun 6/28 Jul 7/31 Aug 8/30 Sep 9/30 Oct 10/31 Nov 11/29 Dec 12/31</p> <p>LIFFE LONG GILT</p> <p>LTD Jan 12/21/18 Feb 1/25/19 Mar 2/22 Apr 3/22 May 4/26 Jun 5/24 Jul 6/21 Aug 7/26 Sep 8/23 Oct 9/20 Nov 10/25 Dec 11/22 Jan'20 12/27</p> <p>NY GOLD & SILVER/ NY COPPER</p> <p>LTD Jan 12/26/18 Feb 1/28/19 Mar 2/25 Apr 3/26 May 4/25 Jun 5/28 Jul 6/25 Aug 7/25 Sep 8/27 Oct 9/25 Nov 10/28 Dec 11/25 Jan'20 12/26</p> <p>NY PLATINUM & PALLADIUM</p> <p>LTD Jan 12/19/18 Feb 1/16/19 Mar 2/20 Apr 3/20 May 4/17 Jun 5/15 Jul 6/19 Aug 7/17 Sep 8/21 Oct 9/18 Nov 10/16 Dec 11/20 Jan'20 12/18</p>	<p>ICE SUGAR 11</p> <p>LTD Jan 12/17/18 Feb 1/15/19 Mar 2/15 Apr 3/15 May 4/15 Jun 5/15 Jul 6/17 Aug 7/15 Sep 8/15 Oct 9/16 Nov 10/15 Dec 11/15 Jan'20 12/16</p> <p>ICE COCOA</p> <p>LTD Jan 12/07/18 Feb 1/04/19 Mar 2/01 Apr 3/01 May 4/05 Jun 5/03 Jul 6/07 Aug 7/05 Sep 8/02 Oct 9/06 Nov 10/04 Dec 11/01 Jan'20 12/06</p> <p>ICE COFFEE</p> <p>LTD Jan 12/14/18 Feb 1/11/19 Mar 2/08 Apr 3/08 May 4/12 Jun 5/10 Jul 6/13 Aug 7/12 Sep 8/09 Oct 9/13 Nov 10/11 Dec 11/08 Jan'20 12/13</p> <p>ORANGE JUICE</p> <p>LTD Jan 12/21/18 Feb 1/18/19 Mar 2/15 Apr 3/15 May 4/18 Jun 5/17 Jul 6/21 Aug 7/19 Sep 8/16 Oct 9/20 Nov 10/18 Dec 11/15 Jan'20 12/20</p> <p>LONDON COCOA</p> <p>LTD Mar 2/28 May 4/30 Jul 6/28 Sep 8/30 Dec 11/29</p> <p>LONDON WHITE SUGAR</p> <p>LTD Mar 2/01 May 4/01 Aug 7/01 Oct 9/02 Dec 11/01</p>	<p>LONDON COFFEE</p> <p>LTD Jan 12/19/18 Mar 2/20/19 May 4/17 Jul 6/19 Sep 8/21 Nov 10/16 Jan'20 12/18</p> <p>COTTON</p> <p>LTD Jan 12/21/18 Mar 2/08/19 May 4/12 Jul 6/14 Sep 8/16 Oct 9/13 Nov 10/18 Dec 11/08 Jan'20 12/20</p> <p>NY CRUDE LT</p> <p>LTD Jan 12/14/18 Feb 1/16/19 Mar 2/14 Apr 3/15 May 4/16 Jun 5/16 Jul 6/17 Aug 7/17 Sep 8/15 Oct 9/17 Nov 10/17 Dec 11/15 Jan'20 12/16</p> <p>NY RBOB/ULSD/ NATURAL GAS</p> <p>LTD Jan 12/26/18 Feb 1/28/19 Mar 2/25 Apr 3/26 May 4/25 Jun 5/28 Jul 6/25 Aug 7/26 Sep 8/27 Oct 9/25 Nov 10/28 Dec 11/25 Jan'20 12/26</p> <p>ICE BRENT CRUDE</p> <p>LTD Jan 11/27/18 Feb 12/21/18 Mar 1/28/19 Apr 2/25 May 3/26 Jun 4/25 Jul 5/28 Aug 6/25 Sep 7/26 Oct 8/27 Nov 9/25 Dec 10/28 Jan'20 11/26 Feb'20 12/23</p> <p>LUMBER</p> <p>LTD Jan 12/31/18 Feb 1/31/19 Mar 2/28 Apr 3/29 May 4/30 Jun 5/31 Jul 6/28 Aug 7/31 Sep 8/30 Oct 9/30 Nov 10/31 Dec 11/29 Jan'20 12/31</p>	<p>FEEDER CATTLE</p> <p>LTD Jan 1/31 Mar 3/28 Apr 4/18 May 5/23 Aug 8/29 Sep 9/26 Oct 10/31 Nov 11/21</p> <p>LIVE CATTLE</p> <p>LTD Jan 1/04 Feb 2/01 Mar 3/01 Apr 4/05 May 5/03 Jun 6/07 Jul 7/05 Aug 8/02 Sep 9/06 Oct 10/04 Nov 11/01 Dec 12/06</p> <p>LEAN HOGS</p> <p>LTD Feb 2/14 Apr 4/12 May 5/14 Jun 6/14 Jul 7/15 Aug 8/14 Oct 10/14 Dec 12/13</p> <p>SOYBEANS/BEAN OIL/MEAL/ CORN/CHL, KC, MN WHEAT/ OATS/RICE</p> <p>LTD Jan 12/21/18 Feb 1/25/19 Mar 2/22 Apr 3/22 May 4/26 Jun 5/24 Jul 6/21 Aug 7/26 Sep 8/23 Oct 9/20 Nov 10/25 Dec 11/22 Jan'20 12/27</p> <p>MILK & BUTTER</p> <p>LTD Dec'18 1/02 Jan 1/29 Feb 2/26 Mar 4/02 Apr 4/30 May 6/04 Jun 7/02 Jul 7/30 Aug 9/04 Sep 10/01 Oct 10/29 Nov 12/03 Dec 12/31</p> <p>CANOLA</p> <p>LTD Jan 12/21/18 Feb 1/25/19 Mar 2/22 Apr 3/22 May 4/26 Jun 5/24 Jul 6/21 Aug 7/26 Sep 8/23 Oct 9/20 Nov 10/25 Dec 11/22 Jan'20 12/20</p>
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DATES ARE SUBJECT TO CHANGE WITHOUT NOTICE; PLEASE VERIFY WITH EACH EXCHANGE!
 Expiration dates may not include all contract months for futures & options due to space limitations. ^ = Tentative Date

CONVERSION TABLES & FORMULAS

1 Bushel Equals

Wheat and Soybeans = 60 lbs
Corn, Sorghum and Rye = 56 lbs
Barley Grain = 48 lbs
Barley Malt = 34 lbs
Oats = 32 lbs

Bushels To Tonnes

Wheat and Soybeans = bushels x 0.027216
Corn, Sorghum and Rye = bushels x 0.025401
Barley Grain = bushels x 0.021772
Oats = bushels x 0.014515

Yields

Wheat: bushels per acre x 0.06725 = tonnes per hectare
Rye, Corn: bushels per acre x 0.06277 =
tonnes per hectare
Barley: bushels per acre x 0.05380 = tonnes per hectare
Oats: bushels per acre x 0.03587 = tonnes per hectare

1 Tonne (metric ton) Equals

1 cubic meter of water
2204.622 lbs.
22.046 hundredweight
1,000 kilograms
10 quintals
36.7437 bushels of Wheat or Soybeans
39.3683 bushels of Corn, Sorghum or Rye
45.9296 bushels of Barley Grain
68.8944 bushels of Oats
4.5930 US bales of Cotton

Area Measurements

1 acre = 43,560 square feet = 0.040694
1 hectare = 2.4710 acres = 10,000 square meters
640 acres = 1 square mile = 259 hectares

Soybean Crush

1 Bushel of Soybeans yields
11 pounds of soybean oil
44 pounds of 48% protein soybean meal
4 pounds of hulls
1 pound of waste

Synthetic Soybean Crush (\$/bu) =
Soybean Meal price (\$/short ton) x .022
+ Soybean Oil price (\$/lb) x 11
- Soybean price (\$/bu)

Extraction Rates

100 Grain = 72 Bread Flour
100 Raw Sugar = 92 Refined Sugar
100 Paddy Rice = 65 Milled Rice
100 Milk = 4 Butter
1 ton Barley = 105 Proof Gallon of Whiskey

Cotton Bales

US = 480 lb (the statistical net bale used by the USDA and ICAC)
Brazil = 397 lb (metric bale = 180 kg)
India = 392 lb (metric bale = 170 kg)

Orange Juice

1 metric ton of 65 degree brix =
344.8 gallons at 42 degree brix
1 metric ton of 65 degree brix =
1,405.88 gallons at Single Strength Equivalent (SSE)
1 metric ton = 2204.622 lbs
Florida Box = 90 lbs
Texas Box = 85 lbs
California & Arizona Boxes = 75 lbs
Brazil 40.8 kg Box = 91.4 lb

Weights and Conversions

1,000 grams = 1 kilogram
100 kilograms = 1 quintal
1 tonne = 1,000 kilograms = 10 quintals
1 kilogram = 2.204622 lbs
1 quintal = 220.4622 lbs
1 tonne = 2204.622 lbs
1 tonne = 1.1023 short tons
1 tonne = 0.9842 long tons
1 long ton = 2240 pounds
1 short ton = 2000 pounds
20 pennyweights = 1 ounce
16 ounces = 1 lb
1 troy ounce = 31.103 grams
1 troy ounce = 0.0311033 kilogram
1 troy (fine) ounce = 480 grains
1 troy ounce = 155.52 metric carats
1 troy pound = 0.37224 kilogram
1 kilogram = 32.1507 troy ounces
1 tonne = 32,151 troy ounces
1 stone = 14 pounds

Liquid Volumes and Conversions

1 ounce = 1.8047 cubic inches = 29.6 milliliters
1 cup = 8 ounces = 0.237 liter = 237 milliliters
1 pint = 16 ounces = 0.473 liter = 473 milliliters
1 quart = 2 pints = 0.946 liter = 946 milliliters
1 gallon = 4 quarts = 231 cubic inches = 3.785 liters
1 liter = 1.0567 quarts = 1,000 milliliters
1 milliliter = 0.033814 fluid ounce
1 liter = 33.814 fluid ounces
1 imperial gallon = 277.42 cubic inches = 1.2 US Gallons
= 4.546 Liters
1 cubic meter = 264.172 US gallons

Water

1 liter weighs 1 kilogram
1 cubic meter weighs 1 tonne
1 UK gallon weighs 10.022 lbs.
1 US gallon weighs 8.345 lbs.

Temperature

C=Degrees Celsius, F=Degrees Fahrenheit

C = 5/9 (F - 32)
F = 9/5 C + 32

-40 C = -40 F
-18 C = 0 F
0 C = 32 F
5 C = 41 F
10 C = 50 F
15 C = 59 F
20 C = 68 F
25 C = 77 F
30 C = 86 F
35 C = 95 F
40 C = 104 F
100 C = 212 F

Numerical Prefixes

tera = trillion
giga = billion
mega = million
kilo = thousand
hecto = hundred
deca = ten
deci = 1 tenth
centi = 1 hundredth
milli = 1 thousandth
micro = 1 millionth
nano = 1 billionth
pico = 1 trillionth

Precious Metals

24 carat implies pure gold
1 metric carat = 200 milligrams

Ethanol

1 tonne = 334.954 US gallons
1 bushel corn produces about 2.8 gallons ethanol
and 18 lbs dried distillers grain
1 ton corn produces about 110.2 gallons ethanol
and 661 lbs dried distillers grain
1 tonne of burned and cropped cane produces 135 kg
of sucrose
135 kg sucrose produces 70 liters ethanol (approx 18.5
gallons) with a combustion energy of 1.7 gigajoules
1 barrel (42 gallons) = 3.259 million BTU
1 cubic meter = 0.790 metric ton (tonne)

Biodiesel

1 tonne = approximately 285-300 US gallons
1 gallon biodiesel requires about 7.7 lbs oil or fat
1 bushel soybeans produces about 1.5 gallons of
biodiesel

Crude Oil

1 barrel = 42 US gallons = 34.97 UK (imperial) gallons
= 0.136 tonne (approx)
1 barrel per day (b/d) = 50 tonnes per year (approx)
Crude Oil \$ per barrel / 5.826 = Dollars per MMBtu
1 barrel contains approximately 6 gigajoules combustion
energy

Natural Gas

1 cubic foot (cf) = 1,031 Btu
1 cubic meter = 35,315 Cubic Feet
1 therm = 100,000 Btu
1 decatherm = 10 therms = 1 million Btu (MMBtu)
1 NYMEX Natural Gas contract = 10,000 MMBtu
= approximately 9.7 million cubic feet

Energy Content of Fuels (in Btu)

1 barrel Crude Oil = 5.751 Million Btu
1 gallon Gasoline = 125,000 Btu
1 gallon Heating Oil = 139,000 Btu
1 gallon Diesel Fuel = 139,000 Btu
1 gallon Propane = 91,000 Btu
1 gallon Ethanol = 77,595 Btu
1 gallon Gasohol (10% Ethanol, 90% Gasoline)
= 120,900 Btu
1 gallon E-85 (85% Ethanol, 15% Gasoline) = 90,500 Btu
1 barrel Residual Fuel Oil = 6.287 Million Btu
1 pound Coal = 8,100 to 13,000 Btu
1 kilowatt hour Electricity = 3,412 Btu
1 cubic foot Natural Gas = 1,008 to 1,034 Btu

Fertilizer

34 gigajoules natural gas makes
1 tonne anhydrous ammonia
1 Nat Gas NYMEX contract makes
298.53 tons anhydrous ammonia
33,500 cubic ft nat gas makes 1 ton anhydrous ammonia
1 million BTU's = 1.054615 gigajoule

Crack Spreads

2:1:1 Crack: 2 Barrels Crude Oil vs. 1 Barrel Gasoline
vs. 1 Barrel Heating Oil

2:1:1 Crack (\$/bbl) = Gasoline price (\$/gal) x 21
+ Heating Oil price (\$/gal) x 21
- Crude Oil price (\$/bbl)

3:2:1 Crack: 3 Barrels Crude Oil vs. 2 Barrels Gasoline
vs. 1 Barrel Heating Oil

3:2:1 Crack (\$/bbl) = Gasoline price (\$/gal) x 28
+ Heating Oil price (\$/gal) x 14
- Crude Oil price (\$/bbl)

5:3:2 Crack: 5 Barrels Crude Oil vs. 3 Barrels Gasoline
vs. 2 Barrels Heating Oil

5:3:2 Crack (\$/bbl) = Gasoline price (\$/gal) x 25.2
+ Heating Oil price (\$/gal) x 16.8
- Crude Oil price (\$/bbl)

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