

# Minimum Performance Bond Requirements



Business Date	Description	Exchange	Margin	Roll Product Code
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-01
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-02
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-03
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-04
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-05
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-06
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-07
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-07
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-08
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-08
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-09
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-09
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-10
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-10
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-11
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-11
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-12
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-12
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-13
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-13
2024-04-01	E-MINI S&P 500 FUTURES	CME	11800	ES-15
2024-03-29	E-MINI S&P 500 FUTURES	CME	11800	ES-01
2024-03-29	E-MINI S&P 500 FUTURES	CME	11800	ES-02
2024-03-29	E-MINI S&P 500 FUTURES	CME	11800	ES-03
2024-03-29	E-MINI S&P 500 FUTURES	CME	11800	ES-04
2024-03-29	E-MINI S&P 500 FUTURES	CME	11800	ES-05
2024-03-29	E-MINI S&P 500 FUTURES	CME	11800	ES-06
2024-03-29	E-MINI S&P 500 FUTURES	CME	11800	ES-07
2024-03-29	E-MINI S&P 500 FUTURES	CME	11800	ES-07
2024-03-29	E-MINI S&P 500 FUTURES	CME	11800	ES-08
2024-03-29	E-MINI S&P 500 FUTURES	CME	11800	ES-08
2024-03-29	E-MINI S&P 500 FUTURES	CME	11800	ES-09
2024-03-29	E-MINI S&P 500 FUTURES	CME	11800	ES-09





































































































































2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-13
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-15
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-16
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-17
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-18
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-19
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-20
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-21
2023-10-31	E-MINI S&P 500 FUTURES	CME	11200	ES-22
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-13
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-15
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-16
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-17
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-18
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-19
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-20
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-21
2023-10-30	E-MINI S&P 500 FUTURES	CME	11200	ES-22
2023-10-27	E-MINI S&P 500 FUTURES	CME	11200	ES-01











2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-13
2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-15
2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-16
2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-17
2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-18
2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-19
2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-20
2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-21
2023-10-18	E-MINI S&P 500 FUTURES	CME	11200	ES-22
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-13
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-15
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-16
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-17
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-18
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-19
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-20
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-21
2023-10-17	E-MINI S&P 500 FUTURES	CME	11200	ES-22
2023-10-16	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-10-16	E-MINI S&P 500 FUTURES	CME	11200	ES-02









2023-10-05	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-10-05	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-10-05	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-10-05	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-10-05	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-10-05	E-MINI S&P 500 FUTURES	CME	11200	ES-13
2023-10-05	E-MINI S&P 500 FUTURES	CME	11200	ES-15
2023-10-05	E-MINI S&P 500 FUTURES	CME	11200	ES-16
2023-10-05	E-MINI S&P 500 FUTURES	CME	11200	ES-17
2023-10-05	E-MINI S&P 500 FUTURES	CME	11200	ES-18
2023-10-05	E-MINI S&P 500 FUTURES	CME	11200	ES-19
2023-10-05	E-MINI S&P 500 FUTURES	CME	11200	ES-20
2023-10-05	E-MINI S&P 500 FUTURES	CME	11200	ES-21
2023-10-05	E-MINI S&P 500 FUTURES	CME	11200	ES-22
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-13
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-15
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-16
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-17
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-18
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-19
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-20
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-21
2023-10-04	E-MINI S&P 500 FUTURES	CME	11200	ES-22
2023-10-03	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-10-03	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-10-03	E-MINI S&P 500 FUTURES	CME	11200	ES-03





2023-10-02	E-MINI S&P 500 FUTURES	CME	11200	ES-22
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-13
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-15
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-16
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-17
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-18
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-19
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-20
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-21
2023-09-29	E-MINI S&P 500 FUTURES	CME	11200	ES-22
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-13
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-15
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-16
2023-09-28	E-MINI S&P 500 FUTURES	CME	11200	ES-17





























2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-13
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-15
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-16
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-17
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-18
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-19
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-20
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-21
2023-08-25	E-MINI S&P 500 FUTURES	CME	11200	ES-22
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-13
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-15
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-16
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-17
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-18
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-19
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-20
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-21
2023-08-24	E-MINI S&P 500 FUTURES	CME	11200	ES-22
2023-08-23	E-MINI S&P 500 FUTURES	CME	11200	ES-01





2023-08-22	E-MINI S&P 500 FUTURES	CME	11200	ES-20
2023-08-22	E-MINI S&P 500 FUTURES	CME	11200	ES-21
2023-08-22	E-MINI S&P 500 FUTURES	CME	11200	ES-22
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-13
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-15
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-16
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-17
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-18
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-19
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-20
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-21
2023-08-21	E-MINI S&P 500 FUTURES	CME	11200	ES-22
2023-08-18	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-08-18	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-08-18	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-08-18	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-08-18	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-08-18	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-08-18	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-08-18	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-08-18	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-08-18	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-08-18	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-08-18	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-08-17	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-08-17	E-MINI S&P 500 FUTURES	CME	11200	ES-02



2023-08-14	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-08-14	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-08-14	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-08-14	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-08-14	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-08-14	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-08-14	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-08-14	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-08-11	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-08-11	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-08-11	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-08-11	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-08-11	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-08-11	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-08-11	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-08-11	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-08-11	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-08-11	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-08-11	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-08-11	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-08-10	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-08-10	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-08-10	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-08-10	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-08-10	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-08-10	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-08-10	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-08-10	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-08-10	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-08-10	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-08-10	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-08-10	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-08-09	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-08-09	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-08-09	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-08-09	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-08-09	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-08-09	E-MINI S&P 500 FUTURES	CME	11200	ES-06

2023-08-09	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-08-09	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-08-09	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-08-09	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-08-09	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-08-09	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-08-08	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-08-08	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-08-08	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-08-08	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-08-08	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-08-08	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-08-08	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-08-08	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-08-08	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-08-08	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-08-08	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-08-08	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-08-07	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-08-07	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-08-07	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-08-07	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-08-07	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-08-07	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-08-07	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-08-07	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-08-07	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-08-07	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-08-07	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-08-07	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-08-04	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-08-04	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-08-04	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-08-04	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-08-04	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-08-04	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-08-04	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-08-04	E-MINI S&P 500 FUTURES	CME	11200	ES-08



2023-08-01	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-08-01	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-07-31	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-07-31	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-07-31	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-31	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-07-31	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-31	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-07-31	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-31	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-07-31	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-07-31	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-07-31	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-31	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-07-28	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-07-28	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-07-28	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-28	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-07-28	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-28	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-07-28	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-28	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-07-28	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-07-28	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-07-28	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-28	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-07-27	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-07-27	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-07-27	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-27	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-07-27	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-27	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-07-27	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-27	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-07-27	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-07-27	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-07-27	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-27	E-MINI S&P 500 FUTURES	CME	11200	ES-12



2023-07-21	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-21	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-07-21	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-21	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-07-21	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-21	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-07-21	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-07-21	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-07-21	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-21	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-07-20	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-07-20	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-07-20	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-20	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-07-20	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-20	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-07-20	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-20	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-07-20	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-07-20	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-07-20	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-20	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-07-19	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-07-19	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-07-19	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-19	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-07-19	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-19	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-07-19	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-19	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-07-19	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-07-19	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-07-19	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-19	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-07-18	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-07-18	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-07-18	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-18	E-MINI S&P 500 FUTURES	CME	11200	ES-04



2023-07-18	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-18	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-07-18	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-18	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-07-18	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-07-18	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-07-18	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-18	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-07-17	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-07-17	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-07-17	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-17	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-07-17	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-17	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-07-17	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-17	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-07-17	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-07-17	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-07-17	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-17	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-07-14	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-07-14	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-07-14	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-14	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-07-14	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-14	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-07-14	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-14	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-07-14	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-07-14	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-07-14	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-14	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-07-13	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-07-13	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-07-13	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-13	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-07-13	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-13	E-MINI S&P 500 FUTURES	CME	11200	ES-06

2023-07-13	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-13	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-07-13	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-07-13	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-07-13	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-13	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-07-12	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-07-12	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-07-12	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-12	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-07-12	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-12	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-07-12	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-12	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-07-12	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-07-12	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-07-12	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-12	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-07-11	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-07-11	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-07-11	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-11	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-07-11	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-11	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-07-11	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-11	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-07-11	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-07-11	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-07-11	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-11	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-07-10	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-07-10	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-07-10	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-10	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-07-10	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-10	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-07-10	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-10	E-MINI S&P 500 FUTURES	CME	11200	ES-08



2023-07-05	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-05	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-07-04	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-07-04	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-07-04	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-04	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-07-04	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-04	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-07-04	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-04	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-07-04	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-07-04	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-07-04	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-04	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-07-03	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-07-03	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-07-03	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-07-03	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-07-03	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-07-03	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-07-03	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-07-03	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-07-03	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-07-03	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-07-03	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-07-03	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-06-30	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-06-30	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-06-30	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-06-30	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-06-30	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-06-30	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-06-30	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-06-30	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-06-30	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-06-30	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-06-30	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-06-30	E-MINI S&P 500 FUTURES	CME	11200	ES-12







2023-06-16	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-06-16	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-06-16	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-06-16	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-06-16	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-06-16	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-06-16	E-MINI S&P 500 FUTURES	CME	11200	ES-13
2023-06-15	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-06-15	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-06-15	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-06-15	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-06-15	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-06-15	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-06-15	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-06-15	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-06-15	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-06-15	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-06-15	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-06-15	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-06-14	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-06-14	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-06-14	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-06-14	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-06-14	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-06-14	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-06-14	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-06-14	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-06-14	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-06-14	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-06-14	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-06-14	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-06-13	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-06-13	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-06-13	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-06-13	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-06-13	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-06-13	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-06-13	E-MINI S&P 500 FUTURES	CME	11200	ES-07



2023-06-13	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-06-13	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-06-13	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-06-13	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-06-13	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-06-12	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-06-12	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-06-12	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-06-12	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-06-12	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-06-12	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-06-12	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-06-12	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-06-12	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-06-12	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-06-12	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-06-12	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-06-09	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-06-09	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-06-09	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-06-09	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-06-09	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-06-09	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-06-09	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-06-09	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-06-09	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-06-09	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-06-09	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-06-09	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-06-08	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-06-08	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-06-08	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-06-08	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-06-08	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-06-08	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-06-08	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-06-08	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-06-08	E-MINI S&P 500 FUTURES	CME	11200	ES-09



2023-06-05	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-06-02	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-06-02	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-06-02	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-06-02	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-06-02	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-06-02	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-06-02	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-06-02	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-06-02	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-06-02	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-06-02	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-06-02	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-06-01	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-06-01	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-06-01	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-06-01	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-06-01	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-06-01	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-06-01	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-06-01	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-06-01	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-06-01	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-06-01	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-06-01	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-05-31	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-05-31	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-05-31	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-05-31	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-05-31	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-05-31	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-05-31	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-05-31	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-05-31	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-05-31	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-05-31	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-05-31	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-05-30	E-MINI S&P 500 FUTURES	CME	11200	ES-01







2023-05-17	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-05-17	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-05-17	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-05-17	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-05-17	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-05-16	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-05-16	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-05-16	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-05-16	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-05-16	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-05-16	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-05-16	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-05-16	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-05-16	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-05-16	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-05-16	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-05-16	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-05-15	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-05-15	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-05-15	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-05-15	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-05-15	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-05-15	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-05-15	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-05-15	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-05-15	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-05-15	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-05-15	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-05-15	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-05-12	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-05-12	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-05-12	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-05-12	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-05-12	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-05-12	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-05-12	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-05-12	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-05-12	E-MINI S&P 500 FUTURES	CME	11200	ES-09







2023-05-03	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-05-03	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-05-03	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-05-03	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-05-03	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-05-03	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-05-03	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-05-03	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-05-03	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-05-03	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-05-03	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-05-01	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-05-01	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-05-01	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-05-01	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-05-01	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-05-01	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-05-01	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-05-01	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-05-01	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-05-01	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-05-01	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-05-01	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-03

















2023-03-29	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-03-29	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-03-29	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-03-29	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-03-29	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-03-29	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-03-29	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-03-28	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-03-28	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-03-28	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-03-28	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-03-28	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-03-28	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-03-28	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-03-28	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-03-28	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-03-28	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-03-28	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-03-28	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-03-27	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-03-27	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-03-27	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-03-27	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-03-27	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-03-27	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-03-27	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-03-27	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-03-27	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-03-27	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-03-27	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-03-27	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-03-24	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-03-24	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-03-24	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-03-24	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-03-24	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-03-24	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-03-24	E-MINI S&P 500 FUTURES	CME	11200	ES-07

2023-03-24	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-03-24	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-03-24	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-03-24	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-03-24	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-03-23	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-03-23	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-03-23	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-03-23	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-03-23	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-03-23	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-03-23	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-03-23	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-03-23	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-03-23	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-03-23	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-03-23	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-03-22	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-03-22	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-03-22	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-03-22	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-03-22	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-03-22	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-03-22	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-03-22	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-03-22	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-03-22	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-03-22	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-03-22	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-03-21	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-03-21	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-03-21	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-03-21	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-03-21	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-03-21	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-03-21	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-03-21	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-03-21	E-MINI S&P 500 FUTURES	CME	11200	ES-09

2023-03-21	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-03-21	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-03-21	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-03-20	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-03-20	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-03-20	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-03-20	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-03-20	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-03-20	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-03-20	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-03-20	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-03-20	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-03-20	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-03-20	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-03-20	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-03-17	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2023-03-17	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2023-03-17	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2023-03-17	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2023-03-17	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2023-03-17	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2023-03-17	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2023-03-17	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2023-03-17	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2023-03-17	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2023-03-17	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2023-03-17	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2023-03-17	E-MINI S&P 500 FUTURES	CME	11200	ES-13
2023-03-16	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-03-16	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-03-16	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-03-16	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-03-16	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-03-16	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-03-16	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-03-16	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-03-16	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-03-16	E-MINI S&P 500 FUTURES	CME	10600	ES-10











2023-02-27	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-02-27	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-02-27	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-02-27	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-02-27	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-02-27	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-02-24	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-02-24	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-02-24	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-02-24	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-02-24	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-02-24	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-02-24	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-02-24	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-02-24	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-02-24	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-02-24	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-02-24	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-02-23	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-02-23	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-02-23	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-02-23	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-02-23	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-02-23	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-02-23	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-02-23	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-02-23	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-02-23	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-02-23	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-02-23	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-02-22	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-02-22	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-02-22	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-02-22	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-02-22	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-02-22	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-02-22	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-02-22	E-MINI S&P 500 FUTURES	CME	10600	ES-08

2023-02-22	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-02-22	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-02-22	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-02-22	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-02-21	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-02-21	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-02-21	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-02-21	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-02-21	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-02-21	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-02-21	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-02-21	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-02-21	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-02-21	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-02-21	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-02-21	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-02-20	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-02-20	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-02-20	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-02-20	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-02-20	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-02-20	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-02-20	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-02-20	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-02-20	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-02-20	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-02-20	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-02-20	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-02-17	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-02-17	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-02-17	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-02-17	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-02-17	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-02-17	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-02-17	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-02-17	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-02-17	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-02-17	E-MINI S&P 500 FUTURES	CME	10600	ES-10

2023-02-17	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-02-17	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-02-16	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-02-16	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-02-16	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-02-16	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-02-16	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-02-16	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-02-16	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-02-16	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-02-16	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-02-16	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-02-16	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-02-16	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-02-15	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-02-15	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-02-15	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-02-15	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-02-15	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-02-15	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-02-15	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-02-15	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-02-15	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-02-15	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-02-15	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-02-15	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-02-14	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-02-14	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-02-14	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-02-14	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-02-14	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-02-14	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-02-14	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-02-14	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-02-14	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-02-14	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-02-14	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-02-14	E-MINI S&P 500 FUTURES	CME	10600	ES-12









2023-01-26	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-26	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-26	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-26	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-01-25	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-01-25	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-01-25	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-25	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-01-25	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-25	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-01-25	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-25	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-25	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-25	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-25	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-25	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-01-24	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-01-24	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-01-24	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-24	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-01-24	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-24	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-01-24	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-24	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-24	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-24	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-24	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-24	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-01-23	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-01-23	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-01-23	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-23	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-01-23	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-23	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-01-23	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-23	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-23	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-23	E-MINI S&P 500 FUTURES	CME	10600	ES-10



2023-01-23	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-23	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-01-20	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-01-20	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-01-20	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-20	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-01-20	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-20	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-01-20	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-20	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-20	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-20	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-20	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-20	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-01-19	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-01-19	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-01-19	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-19	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-01-19	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-19	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-01-19	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-19	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-19	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-19	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-19	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-19	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-01-18	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-01-18	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-01-18	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-18	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-01-18	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-18	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-01-18	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-18	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-18	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-18	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-18	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-18	E-MINI S&P 500 FUTURES	CME	10600	ES-12



2023-01-12	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-12	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-01-12	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-12	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-01-12	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-12	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-12	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-12	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-12	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-12	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-01-11	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-01-11	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-01-11	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-11	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-01-11	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-11	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-01-11	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-11	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-11	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-11	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-11	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-11	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-01-10	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-01-10	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-01-10	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-10	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-01-10	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-10	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-01-10	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-10	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-10	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-10	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-10	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-10	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-01-09	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-01-09	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-01-09	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-09	E-MINI S&P 500 FUTURES	CME	10600	ES-04

2023-01-09	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-09	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-01-09	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-09	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-09	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-09	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-09	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-09	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-01-06	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-01-06	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-01-06	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-06	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-01-06	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-06	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-01-06	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-06	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-06	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-06	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-06	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-06	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-01-05	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-01-05	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-01-05	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-05	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-01-05	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-05	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-01-05	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-05	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-05	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-05	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-05	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-05	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-01-04	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-01-04	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-01-04	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-04	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-01-04	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-04	E-MINI S&P 500 FUTURES	CME	10600	ES-06

2023-01-04	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-04	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-04	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-04	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-04	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-04	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-01-03	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-01-03	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-01-03	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-03	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-01-03	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-03	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-01-03	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-03	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-03	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-03	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-03	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-03	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2023-01-02	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2023-01-02	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2023-01-02	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2023-01-02	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2023-01-02	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2023-01-02	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2023-01-02	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2023-01-02	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2023-01-02	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2023-01-02	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2023-01-02	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2023-01-02	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-30	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-30	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-30	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-30	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-30	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-30	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-30	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-30	E-MINI S&P 500 FUTURES	CME	10600	ES-08

2022-12-30	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-30	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-30	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-30	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-29	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-29	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-29	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-29	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-29	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-29	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-29	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-29	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-29	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-29	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-29	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-29	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-28	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-28	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-28	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-28	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-28	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-28	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-28	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-28	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-28	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-28	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-28	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-28	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-27	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-27	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-27	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-27	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-27	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-27	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-27	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-27	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-27	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-27	E-MINI S&P 500 FUTURES	CME	10600	ES-10







2022-12-16	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-16	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-16	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-16	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-16	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-16	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-16	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-16	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-16	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-16	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-16	E-MINI S&P 500 FUTURES	CME	10600	ES-13
2022-12-15	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-15	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-15	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-15	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-15	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-15	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-15	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-15	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-15	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-15	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-15	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-15	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-14	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-14	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-14	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-14	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-14	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-14	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-14	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-14	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-14	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-14	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-14	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-14	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-13	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-13	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-13	E-MINI S&P 500 FUTURES	CME	10600	ES-03

2022-12-13	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-13	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-13	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-13	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-13	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-13	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-13	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-13	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-13	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-12	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-12	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-12	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-12	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-12	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-12	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-12	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-12	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-12	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-12	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-12	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-12	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-09	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-09	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-09	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-09	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-09	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-09	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-09	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-09	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-09	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-09	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-09	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-09	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-08	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-08	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-08	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-08	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-08	E-MINI S&P 500 FUTURES	CME	10600	ES-05

2022-12-08	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-08	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-08	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-08	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-08	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-08	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-08	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-07	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-07	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-07	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-07	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-07	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-07	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-07	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-07	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-07	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-07	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-07	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-07	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-06	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-06	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-06	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-06	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-06	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-06	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-06	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-06	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-06	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-06	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-06	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-06	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-05	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-05	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-05	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-05	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-05	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-05	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-05	E-MINI S&P 500 FUTURES	CME	10600	ES-07

2022-12-05	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-05	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-05	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-05	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-05	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-02	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-02	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-02	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-02	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-02	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-02	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-02	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-02	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-02	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-02	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-02	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-02	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-12-01	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-12-01	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-12-01	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-12-01	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-12-01	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-12-01	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-12-01	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-12-01	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-12-01	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-12-01	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-12-01	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-12-01	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-11-30	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-11-30	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-11-30	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-11-30	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-11-30	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-11-30	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-11-30	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-11-30	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-11-30	E-MINI S&P 500 FUTURES	CME	10600	ES-09

2022-11-30	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-11-30	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-11-30	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-11-29	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-11-29	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-11-29	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-11-29	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-11-29	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-11-29	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-11-29	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-11-29	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-11-29	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-11-29	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-11-29	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-11-29	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-11-28	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-11-28	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-11-28	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-11-28	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-11-28	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-11-28	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-11-28	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-11-28	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-11-28	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-11-28	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-11-28	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-11-28	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-11-25	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2022-11-25	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2022-11-25	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2022-11-25	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-11-25	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-11-25	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-11-25	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-11-25	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-11-25	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-11-25	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-11-25	E-MINI S&P 500 FUTURES	CME	10600	ES-11





2022-11-16	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2022-11-16	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2022-11-16	E-MINI S&P 500 FUTURES	CME	10600	ES-06
2022-11-16	E-MINI S&P 500 FUTURES	CME	10600	ES-07
2022-11-16	E-MINI S&P 500 FUTURES	CME	10600	ES-08
2022-11-16	E-MINI S&P 500 FUTURES	CME	10600	ES-09
2022-11-16	E-MINI S&P 500 FUTURES	CME	10600	ES-10
2022-11-16	E-MINI S&P 500 FUTURES	CME	10600	ES-11
2022-11-16	E-MINI S&P 500 FUTURES	CME	10600	ES-12
2022-11-15	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-11-15	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-11-15	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-11-15	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-11-15	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-11-15	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-11-15	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-11-15	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-11-15	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-11-15	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-11-15	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-11-15	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-11-14	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-11-14	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-11-14	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-11-14	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-11-14	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-11-14	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-11-14	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-11-14	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-11-14	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-11-14	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-11-14	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-11-14	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-11-11	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-11-11	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-11-11	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-11-11	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-11-11	E-MINI S&P 500 FUTURES	CME	10000	ES-05



2022-11-11	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-11-11	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-11-11	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-11-11	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-11-11	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-11-11	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-11-11	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-11-10	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-11-10	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-11-10	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-11-10	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-11-10	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-11-10	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-11-10	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-11-10	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-11-10	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-11-10	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-11-10	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-11-10	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-11-09	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-11-09	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-11-09	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-11-09	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-11-09	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-11-09	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-11-09	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-11-09	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-11-09	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-11-09	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-11-09	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-11-09	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-11-08	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-11-08	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-11-08	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-11-08	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-11-08	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-11-08	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-11-08	E-MINI S&P 500 FUTURES	CME	10000	ES-07











2022-10-17	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-10-17	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-10-17	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-10-17	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-10-17	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-10-17	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-10-17	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-10-14	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-10-14	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-10-14	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-10-14	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-10-14	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-10-14	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-10-14	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-10-14	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-10-14	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-10-14	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-10-14	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-10-14	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-10-13	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-10-13	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-10-13	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-10-13	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-10-13	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-10-13	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-10-13	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-10-13	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-10-13	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-10-13	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-10-13	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-10-13	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-10-12	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-10-12	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-10-12	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-10-12	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-10-12	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-10-12	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-10-12	E-MINI S&P 500 FUTURES	CME	10000	ES-07

2022-10-12	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-10-12	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-10-12	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-10-12	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-10-12	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-10-11	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-10-11	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-10-11	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-10-11	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-10-11	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-10-11	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-10-11	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-10-11	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-10-11	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-10-11	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-10-11	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-10-11	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-10-10	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-10-10	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-10-10	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-10-10	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-10-10	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-10-10	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-10-10	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-10-10	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-10-10	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-10-10	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-10-10	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-10-10	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-10-07	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-10-07	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-10-07	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-10-07	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-10-07	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-10-07	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-10-07	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-10-07	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-10-07	E-MINI S&P 500 FUTURES	CME	10000	ES-09





2022-10-04	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-10-03	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-10-03	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-10-03	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-10-03	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-10-03	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-10-03	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-10-03	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-10-03	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-10-03	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-10-03	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-10-03	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-10-03	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-09-30	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-09-30	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-09-30	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-09-30	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-09-30	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-09-30	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-09-30	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-09-30	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-09-30	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-09-30	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-09-30	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-09-30	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-09-29	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-09-29	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-09-29	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-09-29	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-09-29	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-09-29	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-09-29	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-09-29	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-09-29	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-09-29	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-09-29	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-09-29	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-09-28	E-MINI S&P 500 FUTURES	CME	10000	ES-01





2022-09-20	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-09-20	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-09-20	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-09-20	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-09-20	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-09-20	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-09-20	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-09-19	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-09-19	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-09-19	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-09-19	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-09-19	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-09-19	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-09-19	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-09-19	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-09-19	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-09-19	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-09-19	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-09-19	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-09-16	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-09-16	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-09-16	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-09-16	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-09-16	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-09-16	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-09-16	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-09-16	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-09-16	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-09-16	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-09-16	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-09-16	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-09-16	E-MINI S&P 500 FUTURES	CME	10000	ES-13
2022-09-15	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-09-15	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-09-15	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-09-15	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-09-15	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-09-15	E-MINI S&P 500 FUTURES	CME	10000	ES-06

2022-09-15	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-09-15	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-09-15	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-09-15	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-09-15	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-09-15	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-09-14	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-09-14	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-09-14	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-09-14	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-09-14	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-09-14	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-09-14	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-09-14	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-09-14	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-09-14	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-09-14	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-09-14	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-09-13	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-09-13	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-09-13	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-09-13	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-09-13	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-09-13	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-09-13	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-09-13	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-09-13	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-09-13	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-09-13	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-09-13	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-09-12	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-09-12	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-09-12	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-09-12	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-09-12	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-09-12	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-09-12	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-09-12	E-MINI S&P 500 FUTURES	CME	10000	ES-08

2022-09-12	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-09-12	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-09-12	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-09-12	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-09-09	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-09-09	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-09-09	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-09-09	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-09-09	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-09-09	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-09-09	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-09-09	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-09-09	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-09-09	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-09-09	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-09-09	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-09-08	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-09-08	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-09-08	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-09-08	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-09-08	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-09-08	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-09-08	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-09-08	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-09-08	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-09-08	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-09-08	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-09-08	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-09-07	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-09-07	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-09-07	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-09-07	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-09-07	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-09-07	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-09-07	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-09-07	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-09-07	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-09-07	E-MINI S&P 500 FUTURES	CME	10000	ES-10









2022-08-24	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-08-24	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-08-24	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-08-24	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-08-24	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-08-24	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-08-24	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-08-24	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-08-23	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-08-23	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-08-23	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-08-23	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-08-23	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-08-23	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-08-23	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-08-23	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-08-23	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-08-23	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-08-23	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-08-23	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-08-22	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-08-22	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-08-22	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-08-22	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-08-22	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-08-22	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-08-22	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-08-22	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-08-22	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-08-22	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-08-22	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-08-22	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-08-19	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-08-19	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-08-19	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-08-19	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-08-19	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-08-19	E-MINI S&P 500 FUTURES	CME	10000	ES-06

2022-08-19	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-08-19	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-08-19	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-08-19	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-08-19	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-08-19	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-08-18	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-08-18	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-08-18	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-08-18	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-08-18	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-08-18	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-08-18	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-08-18	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-08-18	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-08-18	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-08-18	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-08-18	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-08-17	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-08-17	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-08-17	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-08-17	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-08-17	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-08-17	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-08-17	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-08-17	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-08-17	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-08-17	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-08-17	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-08-17	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-08-16	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-08-16	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-08-16	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-08-16	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-08-16	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-08-16	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-08-16	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-08-16	E-MINI S&P 500 FUTURES	CME	10000	ES-08

2022-08-16	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-08-16	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-08-16	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-08-16	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-08-15	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-08-15	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-08-15	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-08-15	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-08-15	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-08-15	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-08-15	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-08-15	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-08-15	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-08-15	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-08-15	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-08-15	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-08-12	E-MINI S&P 500 FUTURES	CME	10000	ES-01
2022-08-12	E-MINI S&P 500 FUTURES	CME	10000	ES-02
2022-08-12	E-MINI S&P 500 FUTURES	CME	10000	ES-03
2022-08-12	E-MINI S&P 500 FUTURES	CME	10000	ES-04
2022-08-12	E-MINI S&P 500 FUTURES	CME	10000	ES-05
2022-08-12	E-MINI S&P 500 FUTURES	CME	10000	ES-06
2022-08-12	E-MINI S&P 500 FUTURES	CME	10000	ES-07
2022-08-12	E-MINI S&P 500 FUTURES	CME	10000	ES-08
2022-08-12	E-MINI S&P 500 FUTURES	CME	10000	ES-09
2022-08-12	E-MINI S&P 500 FUTURES	CME	10000	ES-10
2022-08-12	E-MINI S&P 500 FUTURES	CME	10000	ES-11
2022-08-12	E-MINI S&P 500 FUTURES	CME	10000	ES-12
2022-08-11	E-MINI S&P 500 FUTURES	CME	10500	ES-01
2022-08-11	E-MINI S&P 500 FUTURES	CME	10500	ES-02
2022-08-11	E-MINI S&P 500 FUTURES	CME	10500	ES-03
2022-08-11	E-MINI S&P 500 FUTURES	CME	10500	ES-04
2022-08-11	E-MINI S&P 500 FUTURES	CME	10500	ES-05
2022-08-11	E-MINI S&P 500 FUTURES	CME	10500	ES-06
2022-08-11	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-08-11	E-MINI S&P 500 FUTURES	CME	10500	ES-08
2022-08-11	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-08-11	E-MINI S&P 500 FUTURES	CME	10500	ES-10











2022-07-25	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-07-25	E-MINI S&P 500 FUTURES	CME	10500	ES-08
2022-07-25	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-07-25	E-MINI S&P 500 FUTURES	CME	10500	ES-10
2022-07-25	E-MINI S&P 500 FUTURES	CME	10500	ES-11
2022-07-25	E-MINI S&P 500 FUTURES	CME	10500	ES-12
2022-07-22	E-MINI S&P 500 FUTURES	CME	10500	ES-01
2022-07-22	E-MINI S&P 500 FUTURES	CME	10500	ES-02
2022-07-22	E-MINI S&P 500 FUTURES	CME	10500	ES-03
2022-07-22	E-MINI S&P 500 FUTURES	CME	10500	ES-04
2022-07-22	E-MINI S&P 500 FUTURES	CME	10500	ES-05
2022-07-22	E-MINI S&P 500 FUTURES	CME	10500	ES-06
2022-07-22	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-07-22	E-MINI S&P 500 FUTURES	CME	10500	ES-08
2022-07-22	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-07-22	E-MINI S&P 500 FUTURES	CME	10500	ES-10
2022-07-22	E-MINI S&P 500 FUTURES	CME	10500	ES-11
2022-07-22	E-MINI S&P 500 FUTURES	CME	10500	ES-12
2022-07-21	E-MINI S&P 500 FUTURES	CME	10500	ES-01
2022-07-21	E-MINI S&P 500 FUTURES	CME	10500	ES-02
2022-07-21	E-MINI S&P 500 FUTURES	CME	10500	ES-03
2022-07-21	E-MINI S&P 500 FUTURES	CME	10500	ES-04
2022-07-21	E-MINI S&P 500 FUTURES	CME	10500	ES-05
2022-07-21	E-MINI S&P 500 FUTURES	CME	10500	ES-06
2022-07-21	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-07-21	E-MINI S&P 500 FUTURES	CME	10500	ES-08
2022-07-21	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-07-21	E-MINI S&P 500 FUTURES	CME	10500	ES-10
2022-07-21	E-MINI S&P 500 FUTURES	CME	10500	ES-11
2022-07-21	E-MINI S&P 500 FUTURES	CME	10500	ES-12
2022-07-20	E-MINI S&P 500 FUTURES	CME	10500	ES-01
2022-07-20	E-MINI S&P 500 FUTURES	CME	10500	ES-02
2022-07-20	E-MINI S&P 500 FUTURES	CME	10500	ES-03
2022-07-20	E-MINI S&P 500 FUTURES	CME	10500	ES-04
2022-07-20	E-MINI S&P 500 FUTURES	CME	10500	ES-05
2022-07-20	E-MINI S&P 500 FUTURES	CME	10500	ES-06
2022-07-20	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-07-20	E-MINI S&P 500 FUTURES	CME	10500	ES-08

2022-07-20	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-07-20	E-MINI S&P 500 FUTURES	CME	10500	ES-10
2022-07-20	E-MINI S&P 500 FUTURES	CME	10500	ES-11
2022-07-20	E-MINI S&P 500 FUTURES	CME	10500	ES-12
2022-07-19	E-MINI S&P 500 FUTURES	CME	10500	ES-01
2022-07-19	E-MINI S&P 500 FUTURES	CME	10500	ES-02
2022-07-19	E-MINI S&P 500 FUTURES	CME	10500	ES-03
2022-07-19	E-MINI S&P 500 FUTURES	CME	10500	ES-04
2022-07-19	E-MINI S&P 500 FUTURES	CME	10500	ES-05
2022-07-19	E-MINI S&P 500 FUTURES	CME	10500	ES-06
2022-07-19	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-07-19	E-MINI S&P 500 FUTURES	CME	10500	ES-08
2022-07-19	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-07-19	E-MINI S&P 500 FUTURES	CME	10500	ES-10
2022-07-19	E-MINI S&P 500 FUTURES	CME	10500	ES-11
2022-07-19	E-MINI S&P 500 FUTURES	CME	10500	ES-12
2022-07-18	E-MINI S&P 500 FUTURES	CME	10500	ES-01
2022-07-18	E-MINI S&P 500 FUTURES	CME	10500	ES-02
2022-07-18	E-MINI S&P 500 FUTURES	CME	10500	ES-03
2022-07-18	E-MINI S&P 500 FUTURES	CME	10500	ES-04
2022-07-18	E-MINI S&P 500 FUTURES	CME	10500	ES-05
2022-07-18	E-MINI S&P 500 FUTURES	CME	10500	ES-06
2022-07-18	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-07-18	E-MINI S&P 500 FUTURES	CME	10500	ES-08
2022-07-18	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-07-18	E-MINI S&P 500 FUTURES	CME	10500	ES-10
2022-07-18	E-MINI S&P 500 FUTURES	CME	10500	ES-11
2022-07-18	E-MINI S&P 500 FUTURES	CME	10500	ES-12
2022-07-15	E-MINI S&P 500 FUTURES	CME	10500	ES-01
2022-07-15	E-MINI S&P 500 FUTURES	CME	10500	ES-02
2022-07-15	E-MINI S&P 500 FUTURES	CME	10500	ES-03
2022-07-15	E-MINI S&P 500 FUTURES	CME	10500	ES-04
2022-07-15	E-MINI S&P 500 FUTURES	CME	10500	ES-05
2022-07-15	E-MINI S&P 500 FUTURES	CME	10500	ES-06
2022-07-15	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-07-15	E-MINI S&P 500 FUTURES	CME	10500	ES-08
2022-07-15	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-07-15	E-MINI S&P 500 FUTURES	CME	10500	ES-10









2022-06-28	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-06-28	E-MINI S&P 500 FUTURES	CME	10500	ES-08
2022-06-28	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-06-28	E-MINI S&P 500 FUTURES	CME	10500	ES-10
2022-06-28	E-MINI S&P 500 FUTURES	CME	10500	ES-11
2022-06-28	E-MINI S&P 500 FUTURES	CME	10500	ES-12
2022-06-27	E-MINI S&P 500 FUTURES	CME	10500	ES-01
2022-06-27	E-MINI S&P 500 FUTURES	CME	10500	ES-02
2022-06-27	E-MINI S&P 500 FUTURES	CME	10500	ES-03
2022-06-27	E-MINI S&P 500 FUTURES	CME	10500	ES-04
2022-06-27	E-MINI S&P 500 FUTURES	CME	10500	ES-05
2022-06-27	E-MINI S&P 500 FUTURES	CME	10500	ES-06
2022-06-27	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-06-27	E-MINI S&P 500 FUTURES	CME	10500	ES-08
2022-06-27	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-06-27	E-MINI S&P 500 FUTURES	CME	10500	ES-10
2022-06-27	E-MINI S&P 500 FUTURES	CME	10500	ES-11
2022-06-27	E-MINI S&P 500 FUTURES	CME	10500	ES-12
2022-06-24	E-MINI S&P 500 FUTURES	CME	10500	ES-01
2022-06-24	E-MINI S&P 500 FUTURES	CME	10500	ES-02
2022-06-24	E-MINI S&P 500 FUTURES	CME	10500	ES-03
2022-06-24	E-MINI S&P 500 FUTURES	CME	10500	ES-04
2022-06-24	E-MINI S&P 500 FUTURES	CME	10500	ES-05
2022-06-24	E-MINI S&P 500 FUTURES	CME	10500	ES-06
2022-06-24	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-06-24	E-MINI S&P 500 FUTURES	CME	10500	ES-08
2022-06-24	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-06-24	E-MINI S&P 500 FUTURES	CME	10500	ES-10
2022-06-24	E-MINI S&P 500 FUTURES	CME	10500	ES-11
2022-06-24	E-MINI S&P 500 FUTURES	CME	10500	ES-12
2022-06-23	E-MINI S&P 500 FUTURES	CME	10500	ES-01
2022-06-23	E-MINI S&P 500 FUTURES	CME	10500	ES-02
2022-06-23	E-MINI S&P 500 FUTURES	CME	10500	ES-03
2022-06-23	E-MINI S&P 500 FUTURES	CME	10500	ES-04
2022-06-23	E-MINI S&P 500 FUTURES	CME	10500	ES-05
2022-06-23	E-MINI S&P 500 FUTURES	CME	10500	ES-06
2022-06-23	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-06-23	E-MINI S&P 500 FUTURES	CME	10500	ES-08



2022-06-23	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-06-23	E-MINI S&P 500 FUTURES	CME	10500	ES-10
2022-06-23	E-MINI S&P 500 FUTURES	CME	10500	ES-11
2022-06-23	E-MINI S&P 500 FUTURES	CME	10500	ES-12
2022-06-22	E-MINI S&P 500 FUTURES	CME	10500	ES-01
2022-06-22	E-MINI S&P 500 FUTURES	CME	10500	ES-02
2022-06-22	E-MINI S&P 500 FUTURES	CME	10500	ES-03
2022-06-22	E-MINI S&P 500 FUTURES	CME	10500	ES-04
2022-06-22	E-MINI S&P 500 FUTURES	CME	10500	ES-05
2022-06-22	E-MINI S&P 500 FUTURES	CME	10500	ES-06
2022-06-22	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-06-22	E-MINI S&P 500 FUTURES	CME	10500	ES-08
2022-06-22	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-06-22	E-MINI S&P 500 FUTURES	CME	10500	ES-10
2022-06-22	E-MINI S&P 500 FUTURES	CME	10500	ES-11
2022-06-22	E-MINI S&P 500 FUTURES	CME	10500	ES-12
2022-06-21	E-MINI S&P 500 FUTURES	CME	10500	ES-01
2022-06-21	E-MINI S&P 500 FUTURES	CME	10500	ES-02
2022-06-21	E-MINI S&P 500 FUTURES	CME	10500	ES-03
2022-06-21	E-MINI S&P 500 FUTURES	CME	10500	ES-04
2022-06-21	E-MINI S&P 500 FUTURES	CME	10500	ES-05
2022-06-21	E-MINI S&P 500 FUTURES	CME	10500	ES-06
2022-06-21	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-06-21	E-MINI S&P 500 FUTURES	CME	10500	ES-08
2022-06-21	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-06-21	E-MINI S&P 500 FUTURES	CME	10500	ES-10
2022-06-21	E-MINI S&P 500 FUTURES	CME	10500	ES-11
2022-06-21	E-MINI S&P 500 FUTURES	CME	10500	ES-12
2022-06-20	E-MINI S&P 500 FUTURES	CME	10500	ES-01
2022-06-20	E-MINI S&P 500 FUTURES	CME	10500	ES-02
2022-06-20	E-MINI S&P 500 FUTURES	CME	10500	ES-03
2022-06-20	E-MINI S&P 500 FUTURES	CME	10500	ES-04
2022-06-20	E-MINI S&P 500 FUTURES	CME	10500	ES-05
2022-06-20	E-MINI S&P 500 FUTURES	CME	10500	ES-06
2022-06-20	E-MINI S&P 500 FUTURES	CME	10500	ES-07
2022-06-20	E-MINI S&P 500 FUTURES	CME	10500	ES-08
2022-06-20	E-MINI S&P 500 FUTURES	CME	10500	ES-09
2022-06-20	E-MINI S&P 500 FUTURES	CME	10500	ES-10





















2022-05-10	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2022-05-10	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2022-05-10	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2022-05-10	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2022-05-10	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2022-05-10	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2022-05-10	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2022-05-10	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2022-05-09	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2022-05-09	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2022-05-09	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2022-05-09	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2022-05-09	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2022-05-09	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2022-05-09	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2022-05-09	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2022-05-09	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2022-05-09	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2022-05-09	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2022-05-09	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2022-05-06	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2022-05-06	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2022-05-06	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2022-05-06	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2022-05-06	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2022-05-06	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2022-05-06	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2022-05-06	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2022-05-06	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2022-05-06	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2022-05-06	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2022-05-06	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2022-05-05	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2022-05-05	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2022-05-05	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2022-05-05	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2022-05-05	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2022-05-05	E-MINI S&P 500 FUTURES	CME	11200	ES-06



2022-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2022-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2022-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2022-05-02	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2022-04-29	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2022-04-29	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2022-04-29	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2022-04-29	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2022-04-29	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2022-04-29	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2022-04-29	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2022-04-29	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2022-04-29	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2022-04-29	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2022-04-29	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2022-04-29	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2022-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2022-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2022-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2022-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2022-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2022-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2022-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2022-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2022-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2022-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2022-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2022-04-28	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2022-04-27	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2022-04-27	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2022-04-27	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2022-04-27	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2022-04-27	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2022-04-27	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2022-04-27	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2022-04-27	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2022-04-27	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2022-04-27	E-MINI S&P 500 FUTURES	CME	11200	ES-10

2022-04-27	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2022-04-27	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2022-04-26	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2022-04-26	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2022-04-26	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2022-04-26	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2022-04-26	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2022-04-26	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2022-04-26	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2022-04-26	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2022-04-26	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2022-04-26	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2022-04-26	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2022-04-26	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2022-04-25	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2022-04-25	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2022-04-25	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2022-04-25	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2022-04-25	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2022-04-25	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2022-04-25	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2022-04-25	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2022-04-25	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2022-04-25	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2022-04-25	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2022-04-25	E-MINI S&P 500 FUTURES	CME	11200	ES-12
2022-04-22	E-MINI S&P 500 FUTURES	CME	11200	ES-01
2022-04-22	E-MINI S&P 500 FUTURES	CME	11200	ES-02
2022-04-22	E-MINI S&P 500 FUTURES	CME	11200	ES-03
2022-04-22	E-MINI S&P 500 FUTURES	CME	11200	ES-04
2022-04-22	E-MINI S&P 500 FUTURES	CME	11200	ES-05
2022-04-22	E-MINI S&P 500 FUTURES	CME	11200	ES-06
2022-04-22	E-MINI S&P 500 FUTURES	CME	11200	ES-07
2022-04-22	E-MINI S&P 500 FUTURES	CME	11200	ES-08
2022-04-22	E-MINI S&P 500 FUTURES	CME	11200	ES-09
2022-04-22	E-MINI S&P 500 FUTURES	CME	11200	ES-10
2022-04-22	E-MINI S&P 500 FUTURES	CME	11200	ES-11
2022-04-22	E-MINI S&P 500 FUTURES	CME	11200	ES-12









2022-04-08	E-MINI S&P 500 FUTURES	CME	12000	ES-07
2022-04-08	E-MINI S&P 500 FUTURES	CME	12000	ES-08
2022-04-08	E-MINI S&P 500 FUTURES	CME	12000	ES-09
2022-04-08	E-MINI S&P 500 FUTURES	CME	12000	ES-10
2022-04-08	E-MINI S&P 500 FUTURES	CME	12000	ES-11
2022-04-08	E-MINI S&P 500 FUTURES	CME	12000	ES-12
2022-04-07	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2022-04-07	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2022-04-07	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2022-04-07	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2022-04-07	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2022-04-07	E-MINI S&P 500 FUTURES	CME	12000	ES-06
2022-04-07	E-MINI S&P 500 FUTURES	CME	12000	ES-07
2022-04-07	E-MINI S&P 500 FUTURES	CME	12000	ES-08
2022-04-07	E-MINI S&P 500 FUTURES	CME	12000	ES-09
2022-04-07	E-MINI S&P 500 FUTURES	CME	12000	ES-10
2022-04-07	E-MINI S&P 500 FUTURES	CME	12000	ES-11
2022-04-07	E-MINI S&P 500 FUTURES	CME	12000	ES-12
2022-04-06	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2022-04-06	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2022-04-06	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2022-04-06	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2022-04-06	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2022-04-06	E-MINI S&P 500 FUTURES	CME	12000	ES-06
2022-04-06	E-MINI S&P 500 FUTURES	CME	12000	ES-07
2022-04-06	E-MINI S&P 500 FUTURES	CME	12000	ES-08
2022-04-06	E-MINI S&P 500 FUTURES	CME	12000	ES-09
2022-04-06	E-MINI S&P 500 FUTURES	CME	12000	ES-10
2022-04-06	E-MINI S&P 500 FUTURES	CME	12000	ES-11
2022-04-06	E-MINI S&P 500 FUTURES	CME	12000	ES-12
2022-04-05	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2022-04-05	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2022-04-05	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2022-04-05	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2022-04-05	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2022-04-05	E-MINI S&P 500 FUTURES	CME	12000	ES-06
2022-04-05	E-MINI S&P 500 FUTURES	CME	12000	ES-07
2022-04-05	E-MINI S&P 500 FUTURES	CME	12000	ES-08

2022-04-05	E-MINI S&P 500 FUTURES	CME	12000	ES-09
2022-04-05	E-MINI S&P 500 FUTURES	CME	12000	ES-10
2022-04-05	E-MINI S&P 500 FUTURES	CME	12000	ES-11
2022-04-05	E-MINI S&P 500 FUTURES	CME	12000	ES-12
2022-04-04	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2022-04-04	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2022-04-04	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2022-04-04	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2022-04-04	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2022-04-04	E-MINI S&P 500 FUTURES	CME	12000	ES-06
2022-04-04	E-MINI S&P 500 FUTURES	CME	12000	ES-07
2022-04-04	E-MINI S&P 500 FUTURES	CME	12000	ES-08
2022-04-04	E-MINI S&P 500 FUTURES	CME	12000	ES-09
2022-04-04	E-MINI S&P 500 FUTURES	CME	12000	ES-10
2022-04-04	E-MINI S&P 500 FUTURES	CME	12000	ES-11
2022-04-04	E-MINI S&P 500 FUTURES	CME	12000	ES-12
2022-04-01	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2022-04-01	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2022-04-01	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2022-04-01	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2022-04-01	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2022-04-01	E-MINI S&P 500 FUTURES	CME	12000	ES-06
2022-04-01	E-MINI S&P 500 FUTURES	CME	12000	ES-07
2022-04-01	E-MINI S&P 500 FUTURES	CME	12000	ES-08
2022-04-01	E-MINI S&P 500 FUTURES	CME	12000	ES-09
2022-04-01	E-MINI S&P 500 FUTURES	CME	12000	ES-10
2022-04-01	E-MINI S&P 500 FUTURES	CME	12000	ES-11
2022-04-01	E-MINI S&P 500 FUTURES	CME	12000	ES-12
2022-03-31	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2022-03-31	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2022-03-31	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2022-03-31	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2022-03-31	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2022-03-31	E-MINI S&P 500 FUTURES	CME	12000	ES-06
2022-03-31	E-MINI S&P 500 FUTURES	CME	12000	ES-07
2022-03-31	E-MINI S&P 500 FUTURES	CME	12000	ES-08
2022-03-31	E-MINI S&P 500 FUTURES	CME	12000	ES-09
2022-03-31	E-MINI S&P 500 FUTURES	CME	12000	ES-10





2022-03-22	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2022-03-22	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2022-03-22	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2022-03-22	E-MINI S&P 500 FUTURES	CME	12000	ES-06
2022-03-22	E-MINI S&P 500 FUTURES	CME	12000	ES-07
2022-03-22	E-MINI S&P 500 FUTURES	CME	12000	ES-08
2022-03-22	E-MINI S&P 500 FUTURES	CME	12000	ES-09
2022-03-22	E-MINI S&P 500 FUTURES	CME	12000	ES-10
2022-03-22	E-MINI S&P 500 FUTURES	CME	12000	ES-11
2022-03-22	E-MINI S&P 500 FUTURES	CME	12000	ES-12
2022-03-21	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2022-03-21	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2022-03-21	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2022-03-21	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2022-03-21	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2022-03-21	E-MINI S&P 500 FUTURES	CME	12000	ES-06
2022-03-21	E-MINI S&P 500 FUTURES	CME	12000	ES-07
2022-03-21	E-MINI S&P 500 FUTURES	CME	12000	ES-08
2022-03-21	E-MINI S&P 500 FUTURES	CME	12000	ES-09
2022-03-21	E-MINI S&P 500 FUTURES	CME	12000	ES-10
2022-03-21	E-MINI S&P 500 FUTURES	CME	12000	ES-11
2022-03-21	E-MINI S&P 500 FUTURES	CME	12000	ES-12
2022-03-18	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2022-03-18	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2022-03-18	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2022-03-18	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2022-03-18	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2022-03-18	E-MINI S&P 500 FUTURES	CME	12000	ES-06
2022-03-18	E-MINI S&P 500 FUTURES	CME	12000	ES-07
2022-03-18	E-MINI S&P 500 FUTURES	CME	12000	ES-08
2022-03-18	E-MINI S&P 500 FUTURES	CME	12000	ES-09
2022-03-18	E-MINI S&P 500 FUTURES	CME	12000	ES-10
2022-03-18	E-MINI S&P 500 FUTURES	CME	12000	ES-11
2022-03-18	E-MINI S&P 500 FUTURES	CME	12000	ES-12
2022-03-18	E-MINI S&P 500 FUTURES	CME	12000	ES-13
2022-03-17	E-MINI S&P 500 FUTURES	CME	11400	ES-01
2022-03-17	E-MINI S&P 500 FUTURES	CME	11400	ES-02
2022-03-17	E-MINI S&P 500 FUTURES	CME	11400	ES-03







2022-03-09	E-MINI S&P 500 FUTURES	CME	11400	ES-08
2022-03-09	E-MINI S&P 500 FUTURES	CME	11400	ES-09
2022-03-09	E-MINI S&P 500 FUTURES	CME	11400	ES-10
2022-03-09	E-MINI S&P 500 FUTURES	CME	11400	ES-11
2022-03-09	E-MINI S&P 500 FUTURES	CME	11400	ES-12
2022-03-08	E-MINI S&P 500 FUTURES	CME	11400	ES-01
2022-03-08	E-MINI S&P 500 FUTURES	CME	11400	ES-02
2022-03-08	E-MINI S&P 500 FUTURES	CME	11400	ES-03
2022-03-08	E-MINI S&P 500 FUTURES	CME	11400	ES-04
2022-03-08	E-MINI S&P 500 FUTURES	CME	11400	ES-05
2022-03-08	E-MINI S&P 500 FUTURES	CME	11400	ES-06
2022-03-08	E-MINI S&P 500 FUTURES	CME	11400	ES-07
2022-03-08	E-MINI S&P 500 FUTURES	CME	11400	ES-08
2022-03-08	E-MINI S&P 500 FUTURES	CME	11400	ES-09
2022-03-08	E-MINI S&P 500 FUTURES	CME	11400	ES-10
2022-03-08	E-MINI S&P 500 FUTURES	CME	11400	ES-11
2022-03-08	E-MINI S&P 500 FUTURES	CME	11400	ES-12
2022-03-07	E-MINI S&P 500 FUTURES	CME	11400	ES-01
2022-03-07	E-MINI S&P 500 FUTURES	CME	11400	ES-02
2022-03-07	E-MINI S&P 500 FUTURES	CME	11400	ES-03
2022-03-07	E-MINI S&P 500 FUTURES	CME	11400	ES-04
2022-03-07	E-MINI S&P 500 FUTURES	CME	11400	ES-05
2022-03-07	E-MINI S&P 500 FUTURES	CME	11400	ES-06
2022-03-07	E-MINI S&P 500 FUTURES	CME	11400	ES-07
2022-03-07	E-MINI S&P 500 FUTURES	CME	11400	ES-08
2022-03-07	E-MINI S&P 500 FUTURES	CME	11400	ES-09
2022-03-07	E-MINI S&P 500 FUTURES	CME	11400	ES-10
2022-03-07	E-MINI S&P 500 FUTURES	CME	11400	ES-11
2022-03-07	E-MINI S&P 500 FUTURES	CME	11400	ES-12
2022-03-04	E-MINI S&P 500 FUTURES	CME	11400	ES-01
2022-03-04	E-MINI S&P 500 FUTURES	CME	11400	ES-02
2022-03-04	E-MINI S&P 500 FUTURES	CME	11400	ES-03
2022-03-04	E-MINI S&P 500 FUTURES	CME	11400	ES-04
2022-03-04	E-MINI S&P 500 FUTURES	CME	11400	ES-05
2022-03-04	E-MINI S&P 500 FUTURES	CME	11400	ES-06
2022-03-04	E-MINI S&P 500 FUTURES	CME	11400	ES-07
2022-03-04	E-MINI S&P 500 FUTURES	CME	11400	ES-08
2022-03-04	E-MINI S&P 500 FUTURES	CME	11400	ES-09



2022-03-01	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-02-28	E-MINI S&P 500 FUTURES	CME	10800	ES-01
2022-02-28	E-MINI S&P 500 FUTURES	CME	10800	ES-02
2022-02-28	E-MINI S&P 500 FUTURES	CME	10800	ES-03
2022-02-28	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-02-28	E-MINI S&P 500 FUTURES	CME	10800	ES-05
2022-02-28	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-02-28	E-MINI S&P 500 FUTURES	CME	10800	ES-07
2022-02-28	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-02-28	E-MINI S&P 500 FUTURES	CME	10800	ES-09
2022-02-28	E-MINI S&P 500 FUTURES	CME	10800	ES-10
2022-02-28	E-MINI S&P 500 FUTURES	CME	10800	ES-11
2022-02-28	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-02-25	E-MINI S&P 500 FUTURES	CME	10800	ES-01
2022-02-25	E-MINI S&P 500 FUTURES	CME	10800	ES-02
2022-02-25	E-MINI S&P 500 FUTURES	CME	10800	ES-03
2022-02-25	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-02-25	E-MINI S&P 500 FUTURES	CME	10800	ES-05
2022-02-25	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-02-25	E-MINI S&P 500 FUTURES	CME	10800	ES-07
2022-02-25	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-02-25	E-MINI S&P 500 FUTURES	CME	10800	ES-09
2022-02-25	E-MINI S&P 500 FUTURES	CME	10800	ES-10
2022-02-25	E-MINI S&P 500 FUTURES	CME	10800	ES-11
2022-02-25	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-02-24	E-MINI S&P 500 FUTURES	CME	10800	ES-01
2022-02-24	E-MINI S&P 500 FUTURES	CME	10800	ES-02
2022-02-24	E-MINI S&P 500 FUTURES	CME	10800	ES-03
2022-02-24	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-02-24	E-MINI S&P 500 FUTURES	CME	10800	ES-05
2022-02-24	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-02-24	E-MINI S&P 500 FUTURES	CME	10800	ES-07
2022-02-24	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-02-24	E-MINI S&P 500 FUTURES	CME	10800	ES-09
2022-02-24	E-MINI S&P 500 FUTURES	CME	10800	ES-10
2022-02-24	E-MINI S&P 500 FUTURES	CME	10800	ES-11
2022-02-24	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-02-23	E-MINI S&P 500 FUTURES	CME	10800	ES-01



2022-02-18	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-02-18	E-MINI S&P 500 FUTURES	CME	10800	ES-05
2022-02-18	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-02-18	E-MINI S&P 500 FUTURES	CME	10800	ES-07
2022-02-18	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-02-18	E-MINI S&P 500 FUTURES	CME	10800	ES-09
2022-02-18	E-MINI S&P 500 FUTURES	CME	10800	ES-10
2022-02-18	E-MINI S&P 500 FUTURES	CME	10800	ES-11
2022-02-18	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-02-17	E-MINI S&P 500 FUTURES	CME	10800	ES-01
2022-02-17	E-MINI S&P 500 FUTURES	CME	10800	ES-02
2022-02-17	E-MINI S&P 500 FUTURES	CME	10800	ES-03
2022-02-17	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-02-17	E-MINI S&P 500 FUTURES	CME	10800	ES-05
2022-02-17	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-02-17	E-MINI S&P 500 FUTURES	CME	10800	ES-07
2022-02-17	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-02-17	E-MINI S&P 500 FUTURES	CME	10800	ES-09
2022-02-17	E-MINI S&P 500 FUTURES	CME	10800	ES-10
2022-02-17	E-MINI S&P 500 FUTURES	CME	10800	ES-11
2022-02-17	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-02-16	E-MINI S&P 500 FUTURES	CME	10800	ES-01
2022-02-16	E-MINI S&P 500 FUTURES	CME	10800	ES-02
2022-02-16	E-MINI S&P 500 FUTURES	CME	10800	ES-03
2022-02-16	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-02-16	E-MINI S&P 500 FUTURES	CME	10800	ES-05
2022-02-16	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-02-16	E-MINI S&P 500 FUTURES	CME	10800	ES-07
2022-02-16	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-02-16	E-MINI S&P 500 FUTURES	CME	10800	ES-09
2022-02-16	E-MINI S&P 500 FUTURES	CME	10800	ES-10
2022-02-16	E-MINI S&P 500 FUTURES	CME	10800	ES-11
2022-02-16	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-02-15	E-MINI S&P 500 FUTURES	CME	10800	ES-01
2022-02-15	E-MINI S&P 500 FUTURES	CME	10800	ES-02
2022-02-15	E-MINI S&P 500 FUTURES	CME	10800	ES-03
2022-02-15	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-02-15	E-MINI S&P 500 FUTURES	CME	10800	ES-05

2022-02-15	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-02-15	E-MINI S&P 500 FUTURES	CME	10800	ES-07
2022-02-15	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-02-15	E-MINI S&P 500 FUTURES	CME	10800	ES-09
2022-02-15	E-MINI S&P 500 FUTURES	CME	10800	ES-10
2022-02-15	E-MINI S&P 500 FUTURES	CME	10800	ES-11
2022-02-15	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-02-14	E-MINI S&P 500 FUTURES	CME	10800	ES-01
2022-02-14	E-MINI S&P 500 FUTURES	CME	10800	ES-02
2022-02-14	E-MINI S&P 500 FUTURES	CME	10800	ES-03
2022-02-14	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-02-14	E-MINI S&P 500 FUTURES	CME	10800	ES-05
2022-02-14	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-02-14	E-MINI S&P 500 FUTURES	CME	10800	ES-07
2022-02-14	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-02-14	E-MINI S&P 500 FUTURES	CME	10800	ES-09
2022-02-14	E-MINI S&P 500 FUTURES	CME	10800	ES-10
2022-02-14	E-MINI S&P 500 FUTURES	CME	10800	ES-11
2022-02-14	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-02-11	E-MINI S&P 500 FUTURES	CME	10800	ES-01
2022-02-11	E-MINI S&P 500 FUTURES	CME	10800	ES-02
2022-02-11	E-MINI S&P 500 FUTURES	CME	10800	ES-03
2022-02-11	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-02-11	E-MINI S&P 500 FUTURES	CME	10800	ES-05
2022-02-11	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-02-11	E-MINI S&P 500 FUTURES	CME	10800	ES-07
2022-02-11	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-02-11	E-MINI S&P 500 FUTURES	CME	10800	ES-09
2022-02-11	E-MINI S&P 500 FUTURES	CME	10800	ES-10
2022-02-11	E-MINI S&P 500 FUTURES	CME	10800	ES-11
2022-02-11	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-02-10	E-MINI S&P 500 FUTURES	CME	10800	ES-01
2022-02-10	E-MINI S&P 500 FUTURES	CME	10800	ES-02
2022-02-10	E-MINI S&P 500 FUTURES	CME	10800	ES-03
2022-02-10	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-02-10	E-MINI S&P 500 FUTURES	CME	10800	ES-05
2022-02-10	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-02-10	E-MINI S&P 500 FUTURES	CME	10800	ES-07

2022-02-10	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-02-10	E-MINI S&P 500 FUTURES	CME	10800	ES-09
2022-02-10	E-MINI S&P 500 FUTURES	CME	10800	ES-10
2022-02-10	E-MINI S&P 500 FUTURES	CME	10800	ES-11
2022-02-10	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-02-09	E-MINI S&P 500 FUTURES	CME	10800	ES-01
2022-02-09	E-MINI S&P 500 FUTURES	CME	10800	ES-02
2022-02-09	E-MINI S&P 500 FUTURES	CME	10800	ES-03
2022-02-09	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-02-09	E-MINI S&P 500 FUTURES	CME	10800	ES-05
2022-02-09	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-02-09	E-MINI S&P 500 FUTURES	CME	10800	ES-07
2022-02-09	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-02-09	E-MINI S&P 500 FUTURES	CME	10800	ES-09
2022-02-09	E-MINI S&P 500 FUTURES	CME	10800	ES-10
2022-02-09	E-MINI S&P 500 FUTURES	CME	10800	ES-11
2022-02-09	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-02-08	E-MINI S&P 500 FUTURES	CME	10800	ES-01
2022-02-08	E-MINI S&P 500 FUTURES	CME	10800	ES-02
2022-02-08	E-MINI S&P 500 FUTURES	CME	10800	ES-03
2022-02-08	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-02-08	E-MINI S&P 500 FUTURES	CME	10800	ES-05
2022-02-08	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-02-08	E-MINI S&P 500 FUTURES	CME	10800	ES-07
2022-02-08	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-02-08	E-MINI S&P 500 FUTURES	CME	10800	ES-09
2022-02-08	E-MINI S&P 500 FUTURES	CME	10800	ES-10
2022-02-08	E-MINI S&P 500 FUTURES	CME	10800	ES-11
2022-02-08	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-02-07	E-MINI S&P 500 FUTURES	CME	10800	ES-01
2022-02-07	E-MINI S&P 500 FUTURES	CME	10800	ES-02
2022-02-07	E-MINI S&P 500 FUTURES	CME	10800	ES-03
2022-02-07	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-02-07	E-MINI S&P 500 FUTURES	CME	10800	ES-05
2022-02-07	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-02-07	E-MINI S&P 500 FUTURES	CME	10800	ES-07
2022-02-07	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-02-07	E-MINI S&P 500 FUTURES	CME	10800	ES-09









2022-01-24	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-01-24	E-MINI S&P 500 FUTURES	CME	10800	ES-05
2022-01-24	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-01-24	E-MINI S&P 500 FUTURES	CME	10800	ES-07
2022-01-24	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-01-24	E-MINI S&P 500 FUTURES	CME	10800	ES-09
2022-01-24	E-MINI S&P 500 FUTURES	CME	10800	ES-10
2022-01-24	E-MINI S&P 500 FUTURES	CME	10800	ES-11
2022-01-24	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-01-21	E-MINI S&P 500 FUTURES	CME	10800	ES-01
2022-01-21	E-MINI S&P 500 FUTURES	CME	10800	ES-02
2022-01-21	E-MINI S&P 500 FUTURES	CME	10800	ES-03
2022-01-21	E-MINI S&P 500 FUTURES	CME	10800	ES-04
2022-01-21	E-MINI S&P 500 FUTURES	CME	10800	ES-05
2022-01-21	E-MINI S&P 500 FUTURES	CME	10800	ES-06
2022-01-21	E-MINI S&P 500 FUTURES	CME	10800	ES-07
2022-01-21	E-MINI S&P 500 FUTURES	CME	10800	ES-08
2022-01-21	E-MINI S&P 500 FUTURES	CME	10800	ES-09
2022-01-21	E-MINI S&P 500 FUTURES	CME	10800	ES-10
2022-01-21	E-MINI S&P 500 FUTURES	CME	10800	ES-11
2022-01-21	E-MINI S&P 500 FUTURES	CME	10800	ES-12
2022-01-20	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2022-01-20	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2022-01-20	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2022-01-20	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2022-01-20	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2022-01-20	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2022-01-20	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2022-01-20	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2022-01-20	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2022-01-20	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2022-01-20	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2022-01-20	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2022-01-19	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2022-01-19	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2022-01-19	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2022-01-19	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2022-01-19	E-MINI S&P 500 FUTURES	CME	11500	ES-05







2022-01-06	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2022-01-05	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2022-01-05	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2022-01-05	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2022-01-05	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2022-01-05	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2022-01-05	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2022-01-05	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2022-01-05	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2022-01-05	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2022-01-05	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2022-01-05	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2022-01-05	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2022-01-04	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2022-01-04	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2022-01-04	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2022-01-04	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2022-01-04	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2022-01-04	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2022-01-04	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2022-01-04	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2022-01-04	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2022-01-04	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2022-01-04	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2022-01-04	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2022-01-03	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2022-01-03	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2022-01-03	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2022-01-03	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2022-01-03	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2022-01-03	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2022-01-03	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2022-01-03	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2022-01-03	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2022-01-03	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2022-01-03	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2022-01-03	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-12-31	E-MINI S&P 500 FUTURES	CME	11500	ES-01









2021-12-20	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-12-20	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-12-20	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-12-20	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-12-20	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-12-17	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-12-17	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-12-17	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-12-17	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-12-17	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-12-17	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-12-17	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-12-17	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-12-17	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-12-17	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-12-17	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-12-17	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-12-17	E-MINI S&P 500 FUTURES	CME	11500	ES-13
2021-12-16	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-12-16	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-12-16	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-12-16	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-12-16	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-12-16	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-12-16	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-12-16	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-12-16	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-12-16	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-12-16	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-12-16	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-12-15	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-12-15	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-12-15	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-12-15	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-12-15	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-12-15	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-12-15	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-12-15	E-MINI S&P 500 FUTURES	CME	11500	ES-08



2021-12-10	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-12-10	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-12-09	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-12-09	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-12-09	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-12-09	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-12-09	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-12-09	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-12-09	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-12-09	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-12-09	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-12-09	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-12-09	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-12-09	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-12-08	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-12-08	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-12-08	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-12-08	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-12-08	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-12-08	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-12-08	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-12-08	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-12-08	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-12-08	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-12-08	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-12-08	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-12-07	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-12-07	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-12-07	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-12-07	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-12-07	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-12-07	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-12-07	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-12-07	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-12-07	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-12-07	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-12-07	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-12-07	E-MINI S&P 500 FUTURES	CME	11500	ES-12



2021-12-01	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-12-01	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-12-01	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-12-01	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-12-01	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-12-01	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-12-01	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-12-01	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-12-01	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-12-01	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-11-30	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-11-30	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-11-30	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-11-30	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-11-30	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-11-30	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-11-30	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-11-30	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-11-30	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-11-30	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-11-30	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-11-30	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-11-29	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-11-29	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-11-29	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-11-29	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-11-29	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-11-29	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-11-29	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-11-29	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-11-29	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-11-29	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-11-29	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-11-29	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-11-26	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-11-26	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-11-26	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-11-26	E-MINI S&P 500 FUTURES	CME	11500	ES-04



















2021-10-22	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-10-22	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-10-22	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-10-22	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-10-21	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-10-21	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-10-21	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-10-21	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-10-21	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-10-21	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-10-21	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-10-21	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-10-21	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-10-21	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-10-21	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-10-21	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-10-20	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-10-20	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-10-20	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-10-20	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-10-20	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-10-20	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-10-20	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-10-20	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-10-20	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-10-20	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-10-20	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-10-20	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-10-19	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-10-19	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-10-19	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-10-19	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-10-19	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-10-19	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-10-19	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-10-19	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-10-19	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-10-19	E-MINI S&P 500 FUTURES	CME	11500	ES-10







2021-10-08	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-10-08	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-10-08	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-10-08	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-10-08	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-10-08	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-10-08	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-10-08	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-10-08	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-10-08	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-10-07	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-10-07	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-10-07	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-10-07	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-10-07	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-10-07	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-10-07	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-10-07	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-10-07	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-10-07	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-10-07	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-10-07	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-10-06	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-10-06	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-10-06	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-10-06	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-10-06	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-10-06	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-10-06	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-10-06	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-10-06	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-10-06	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-10-06	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-10-06	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-10-05	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-10-05	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-10-05	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-10-05	E-MINI S&P 500 FUTURES	CME	11500	ES-04

2021-10-05	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-10-05	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-10-05	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-10-05	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-10-05	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-10-05	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-10-05	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-10-05	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-10-04	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-10-04	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-10-04	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-10-04	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-10-04	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-10-04	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-10-04	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-10-04	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-10-04	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-10-04	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-10-04	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-10-04	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-10-01	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-10-01	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-10-01	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-10-01	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-10-01	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-10-01	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-10-01	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-10-01	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-10-01	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-10-01	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-10-01	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-10-01	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-09-30	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-09-30	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-09-30	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-09-30	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-09-30	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-09-30	E-MINI S&P 500 FUTURES	CME	11500	ES-06





















2021-08-23	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-08-20	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-08-20	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-08-20	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-08-20	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-08-20	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-08-20	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-08-20	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-08-20	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-08-20	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-08-20	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-08-20	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-08-20	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-08-19	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-08-19	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-08-19	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-08-19	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-08-19	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-08-19	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-08-19	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-08-19	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-08-19	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-08-19	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-08-19	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-08-19	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-08-18	E-MINI S&P 500 FUTURES	CME	11500	ES-01
2021-08-18	E-MINI S&P 500 FUTURES	CME	11500	ES-02
2021-08-18	E-MINI S&P 500 FUTURES	CME	11500	ES-03
2021-08-18	E-MINI S&P 500 FUTURES	CME	11500	ES-04
2021-08-18	E-MINI S&P 500 FUTURES	CME	11500	ES-05
2021-08-18	E-MINI S&P 500 FUTURES	CME	11500	ES-06
2021-08-18	E-MINI S&P 500 FUTURES	CME	11500	ES-07
2021-08-18	E-MINI S&P 500 FUTURES	CME	11500	ES-08
2021-08-18	E-MINI S&P 500 FUTURES	CME	11500	ES-09
2021-08-18	E-MINI S&P 500 FUTURES	CME	11500	ES-10
2021-08-18	E-MINI S&P 500 FUTURES	CME	11500	ES-11
2021-08-18	E-MINI S&P 500 FUTURES	CME	11500	ES-12
2021-08-17	E-MINI S&P 500 FUTURES	CME	11000	ES-01

2021-08-17	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-08-17	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-08-17	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-08-17	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-08-17	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-08-17	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-08-17	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-08-17	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-08-17	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-08-17	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-08-17	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-08-16	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-08-16	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-08-16	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-08-16	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-08-16	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-08-16	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-08-16	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-08-16	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-08-16	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-08-16	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-08-16	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-08-16	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-08-13	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-08-13	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-08-13	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-08-13	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-08-13	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-08-13	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-08-13	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-08-13	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-08-13	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-08-13	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-08-13	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-08-13	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-08-12	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-08-12	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-08-12	E-MINI S&P 500 FUTURES	CME	11000	ES-03

2021-08-12	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-08-12	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-08-12	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-08-12	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-08-12	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-08-12	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-08-12	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-08-12	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-08-12	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-08-11	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-08-11	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-08-11	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-08-11	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-08-11	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-08-11	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-08-11	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-08-11	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-08-11	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-08-11	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-08-11	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-08-11	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-08-10	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-08-10	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-08-10	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-08-10	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-08-10	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-08-10	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-08-10	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-08-10	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-08-10	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-08-10	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-08-10	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-08-10	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-08-09	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-08-09	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-08-09	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-08-09	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-08-09	E-MINI S&P 500 FUTURES	CME	11000	ES-05



2021-08-09	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-08-09	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-08-09	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-08-09	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-08-09	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-08-09	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-08-09	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-08-06	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-08-06	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-08-06	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-08-06	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-08-06	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-08-06	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-08-06	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-08-06	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-08-06	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-08-06	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-08-06	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-08-06	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-08-05	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-08-05	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-08-05	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-08-05	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-08-05	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-08-05	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-08-05	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-08-05	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-08-05	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-08-05	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-08-05	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-08-05	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-08-04	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-08-04	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-08-04	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-08-04	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-08-04	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-08-04	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-08-04	E-MINI S&P 500 FUTURES	CME	11000	ES-07

2021-08-04	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-08-04	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-08-04	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-08-04	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-08-04	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-08-03	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-08-03	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-08-03	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-08-03	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-08-03	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-08-03	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-08-03	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-08-03	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-08-03	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-08-03	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-08-03	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-08-03	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-08-02	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-08-02	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-08-02	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-08-02	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-08-02	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-08-02	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-08-02	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-08-02	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-08-02	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-08-02	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-08-02	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-08-02	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-07-30	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-07-30	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-07-30	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-07-30	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-07-30	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-07-30	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-07-30	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-07-30	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-07-30	E-MINI S&P 500 FUTURES	CME	11000	ES-09

2021-07-30	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-07-30	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-07-30	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-07-29	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-07-29	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-07-29	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-07-29	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-07-29	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-07-29	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-07-29	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-07-29	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-07-29	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-07-29	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-07-29	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-07-29	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-07-28	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-07-28	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-07-28	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-07-28	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-07-28	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-07-28	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-07-28	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-07-28	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-07-28	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-07-28	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-07-28	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-07-28	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-07-27	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-07-27	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-07-27	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-07-27	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-07-27	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-07-27	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-07-27	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-07-27	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-07-27	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-07-27	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-07-27	E-MINI S&P 500 FUTURES	CME	11000	ES-11





2021-07-16	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-07-16	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-07-16	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-07-16	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-07-16	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-07-16	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-07-16	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-07-16	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-07-16	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-07-15	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-07-15	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-07-15	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-07-15	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-07-15	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-07-15	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-07-15	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-07-15	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-07-15	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-07-15	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-07-15	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-07-15	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-07-14	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-07-14	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-07-14	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-07-14	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-07-14	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-07-14	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-07-14	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-07-14	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-07-14	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-07-14	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-07-14	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-07-14	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-07-13	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-07-13	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-07-13	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-07-13	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-07-13	E-MINI S&P 500 FUTURES	CME	11000	ES-05

2021-07-13	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-07-13	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-07-13	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-07-13	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-07-13	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-07-13	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-07-13	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-07-12	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-07-12	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-07-12	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-07-12	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-07-12	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-07-12	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-07-12	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-07-12	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-07-12	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-07-12	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-07-12	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-07-12	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-07-09	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-07-09	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-07-09	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-07-09	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-07-09	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-07-09	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-07-09	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-07-09	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-07-09	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-07-09	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-07-09	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-07-09	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-07-08	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-07-08	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-07-08	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-07-08	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-07-08	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-07-08	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-07-08	E-MINI S&P 500 FUTURES	CME	11000	ES-07







2021-06-30	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-29	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-29	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-29	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-29	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-29	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-29	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-06-29	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-06-29	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-06-29	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-06-29	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-06-29	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-06-29	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-28	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-28	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-28	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-28	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-28	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-28	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-06-28	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-06-28	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-06-28	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-06-28	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-06-28	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-06-28	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-25	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-25	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-25	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-25	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-25	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-25	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-06-25	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-06-25	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-06-25	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-06-25	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-06-25	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-06-25	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-24	E-MINI S&P 500 FUTURES	CME	11000	ES-01



2021-06-21	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-21	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-21	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-06-21	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-06-21	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-06-21	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-06-21	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-06-21	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-06-21	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-18	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-18	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-18	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-18	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-18	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-18	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-06-18	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-06-18	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-06-18	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-06-18	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-06-18	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-06-18	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-18	E-MINI S&P 500 FUTURES	CME	11000	ES-13
2021-06-17	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-17	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-17	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-17	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-17	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-17	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-06-17	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-06-17	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-06-17	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-06-17	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-06-17	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-06-17	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-16	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-16	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-16	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-16	E-MINI S&P 500 FUTURES	CME	11000	ES-04

2021-06-16	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-16	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-06-16	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-06-16	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-06-16	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-06-16	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-06-16	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-06-16	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-15	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-15	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-15	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-15	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-15	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-15	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-06-15	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-06-15	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-06-15	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-06-15	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-06-15	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-06-15	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-14	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-14	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-14	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-14	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-14	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-14	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-06-14	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-06-14	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-06-14	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-06-14	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-06-14	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-06-14	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-11	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-11	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-11	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-11	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-11	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-11	E-MINI S&P 500 FUTURES	CME	11000	ES-06

2021-06-11	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-06-11	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-06-11	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-06-11	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-06-11	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-06-11	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-10	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-10	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-10	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-10	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-10	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-10	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-06-10	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-06-10	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-06-10	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-06-10	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-06-10	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-06-10	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-09	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-09	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-09	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-09	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-09	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-09	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-06-09	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-06-09	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-06-09	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-06-09	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-06-09	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-06-09	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-08	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-08	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-08	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-08	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-08	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-08	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-06-08	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-06-08	E-MINI S&P 500 FUTURES	CME	11000	ES-08

2021-06-08	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-06-08	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-06-08	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-06-08	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-07	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-07	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-07	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-07	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-07	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-07	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-06-07	E-MINI S&P 500 FUTURES	CME	11000	ES-07
2021-06-07	E-MINI S&P 500 FUTURES	CME	11000	ES-08
2021-06-07	E-MINI S&P 500 FUTURES	CME	11000	ES-09
2021-06-07	E-MINI S&P 500 FUTURES	CME	11000	ES-10
2021-06-07	E-MINI S&P 500 FUTURES	CME	11000	ES-11
2021-06-07	E-MINI S&P 500 FUTURES	CME	11000	ES-12
2021-06-04	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-04	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-04	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-04	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-04	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-03	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-03	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-03	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-03	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-03	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-02	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-02	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-02	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-02	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-02	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-06-01	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-06-01	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-06-01	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-06-01	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-06-01	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-05-31	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-05-31	E-MINI S&P 500 FUTURES	CME	11000	ES-02







2021-05-10	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-05-10	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-05-07	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-05-07	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-05-07	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-05-07	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-05-07	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-05-06	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-05-06	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-05-06	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-05-06	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-05-06	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-05-05	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-05-05	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-05-05	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-05-05	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-05-05	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-05-04	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-05-04	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-05-04	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-05-04	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-05-04	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-05-03	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-05-03	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-05-03	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-05-03	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-05-03	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-04-30	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-04-30	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-04-30	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-04-30	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-04-30	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-04-29	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-04-29	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-04-29	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-04-29	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-04-29	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-04-28	E-MINI S&P 500 FUTURES	CME	11000	ES-01





2021-04-07	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-04-07	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-04-07	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-04-06	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-04-06	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-04-06	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-04-06	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-04-06	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-04-05	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-04-05	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-04-05	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-04-05	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-04-05	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-04-02	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-04-02	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-04-02	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-04-02	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-04-02	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-04-01	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-04-01	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-04-01	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-04-01	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-04-01	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-03-31	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-03-31	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-03-31	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-03-31	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-03-31	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-03-30	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-03-30	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-03-30	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-03-30	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-03-30	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-03-29	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-03-29	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-03-29	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-03-29	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-03-29	E-MINI S&P 500 FUTURES	CME	11000	ES-05

2021-03-26	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-03-26	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-03-26	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-03-26	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-03-26	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-03-25	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-03-25	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-03-25	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-03-25	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-03-25	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-03-24	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-03-24	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-03-24	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-03-24	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-03-24	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-03-23	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-03-23	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-03-23	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-03-23	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-03-23	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-03-22	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-03-22	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-03-22	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-03-22	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-03-22	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-03-19	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-03-19	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-03-19	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-03-19	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-03-19	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-03-19	E-MINI S&P 500 FUTURES	CME	11000	ES-06
2021-03-18	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-03-18	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-03-18	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-03-18	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-03-18	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-03-17	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-03-17	E-MINI S&P 500 FUTURES	CME	11000	ES-02











2021-02-03	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-02-02	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-02-02	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-02-02	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-02-02	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-02-02	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-02-01	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-02-01	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-02-01	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-02-01	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-02-01	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-01-29	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-01-29	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-01-29	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-01-29	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-01-29	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-01-28	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-01-28	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-01-28	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-01-28	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-01-28	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-01-27	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-01-27	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-01-27	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-01-27	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-01-27	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-01-26	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-01-26	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-01-26	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-01-26	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-01-26	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-01-25	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-01-25	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-01-25	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-01-25	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-01-25	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-01-22	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-01-22	E-MINI S&P 500 FUTURES	CME	11000	ES-02



2021-01-12	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-01-12	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-01-12	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-01-12	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-01-12	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-01-11	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-01-11	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-01-11	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-01-11	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-01-11	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-01-08	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-01-08	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-01-08	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-01-08	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-01-08	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-01-07	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-01-07	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-01-07	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-01-07	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-01-07	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-01-06	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-01-06	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-01-06	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-01-06	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-01-06	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-01-05	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-01-05	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-01-05	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-01-05	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-01-05	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2021-01-04	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2021-01-04	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2021-01-04	E-MINI S&P 500 FUTURES	CME	11000	ES-03
2021-01-04	E-MINI S&P 500 FUTURES	CME	11000	ES-04
2021-01-04	E-MINI S&P 500 FUTURES	CME	11000	ES-05
2020-12-31	E-MINI S&P 500 FUTURES	CME	11000	ES-01
2020-12-31	E-MINI S&P 500 FUTURES	CME	11000	ES-02
2020-12-31	E-MINI S&P 500 FUTURES	CME	11000	ES-03





2020-12-10	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-12-10	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-12-09	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-12-09	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-12-09	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-12-09	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-12-09	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-12-08	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-12-08	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-12-08	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-12-08	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-12-08	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-12-07	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-12-07	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-12-07	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-12-07	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-12-07	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-12-04	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-12-04	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-12-04	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-12-04	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-12-04	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-12-03	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-12-03	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-12-03	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-12-03	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-12-03	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-12-02	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-12-02	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-12-02	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-12-02	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-12-02	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-12-01	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-12-01	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-12-01	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-12-01	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-12-01	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-11-30	E-MINI S&P 500 FUTURES	CME	12000	ES-01



2020-11-30	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-11-30	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-11-30	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-11-30	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-11-27	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-11-27	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-11-27	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-11-27	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-11-27	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-11-26	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-11-26	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-11-26	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-11-26	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-11-26	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-11-25	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-11-25	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-11-25	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-11-25	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-11-25	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-11-24	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-11-24	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-11-24	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-11-24	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-11-24	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-11-23	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-11-23	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-11-23	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-11-23	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-11-23	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-11-20	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-11-20	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-11-20	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-11-20	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-11-20	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-11-19	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-11-19	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-11-19	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-11-19	E-MINI S&P 500 FUTURES	CME	12000	ES-04



2020-11-09	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-11-09	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-11-09	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-11-06	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-11-06	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-11-06	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-11-06	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-11-06	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-11-05	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-11-05	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-11-05	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-11-05	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-11-05	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-11-04	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-11-04	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-11-04	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-11-04	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-11-04	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-11-03	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-11-03	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-11-03	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-11-03	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-11-03	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-11-02	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-11-02	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-11-02	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-11-02	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-11-02	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-10-30	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-10-30	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-10-30	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-10-30	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-10-30	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-10-29	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-10-29	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-10-29	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-10-29	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-10-29	E-MINI S&P 500 FUTURES	CME	12000	ES-05





2020-10-07	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-10-07	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-10-07	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-10-07	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-10-06	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-10-06	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-10-06	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-10-06	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-10-06	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-10-05	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-10-05	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-10-05	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-10-05	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-10-05	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-10-02	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-10-02	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-10-02	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-10-02	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-10-02	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-10-01	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-10-01	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-10-01	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-10-01	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-10-01	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-30	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-30	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-30	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-30	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-30	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-29	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-29	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-29	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-29	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-29	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-28	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-28	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-28	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-28	E-MINI S&P 500 FUTURES	CME	12000	ES-04

2020-09-28	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-25	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-25	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-25	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-25	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-25	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-24	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-24	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-24	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-24	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-24	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-23	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-23	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-23	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-23	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-23	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-22	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-22	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-22	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-22	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-22	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-21	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-21	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-21	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-21	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-21	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-18	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-18	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-18	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-18	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-18	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-18	E-MINI S&P 500 FUTURES	CME	12000	ES-06
2020-09-17	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-17	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-17	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-17	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-17	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-16	E-MINI S&P 500 FUTURES	CME	12000	ES-01

2020-09-16	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-16	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-16	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-16	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-15	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-15	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-15	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-15	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-15	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-14	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-14	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-14	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-14	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-14	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-11	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-11	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-11	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-11	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-11	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-10	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-10	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-10	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-10	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-10	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-09	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-09	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-09	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-09	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-09	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-08	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-08	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-08	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-08	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-08	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-07	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-07	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-07	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-07	E-MINI S&P 500 FUTURES	CME	12000	ES-04



2020-09-07	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-04	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-04	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-04	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-04	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-04	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-03	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-03	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-03	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-03	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-03	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-02	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-02	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-02	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-02	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-02	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-09-01	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-09-01	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-09-01	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-09-01	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-09-01	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-08-31	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-08-31	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-08-31	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-08-31	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-08-31	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-08-28	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-08-28	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-08-28	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-08-28	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-08-28	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-08-27	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-08-27	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-08-27	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-08-27	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-08-27	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-08-26	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-08-26	E-MINI S&P 500 FUTURES	CME	12000	ES-02





2020-08-05	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-08-05	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-08-04	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-08-04	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-08-04	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-08-04	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-08-04	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-08-03	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-08-03	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-08-03	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-08-03	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-08-03	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-07-31	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-07-31	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-07-31	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-07-31	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-07-31	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-07-30	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-07-30	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-07-30	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-07-30	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-07-30	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-07-29	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-07-29	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-07-29	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-07-29	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-07-29	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-07-28	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-07-28	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-07-28	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-07-28	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-07-28	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-07-27	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-07-27	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-07-27	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-07-27	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-07-27	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-07-24	E-MINI S&P 500 FUTURES	CME	12000	ES-01





2020-07-03	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-07-03	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-07-03	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-07-02	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-07-02	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-07-02	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-07-02	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-07-02	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-07-01	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-07-01	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-07-01	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-07-01	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-07-01	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-06-30	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-06-30	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-06-30	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-06-30	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-06-30	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-06-29	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-06-29	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-06-29	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-06-29	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-06-29	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-06-26	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-06-26	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-06-26	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-06-26	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-06-26	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-06-25	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-06-25	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-06-25	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-06-25	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-06-25	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-06-24	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-06-24	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-06-24	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-06-24	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-06-24	E-MINI S&P 500 FUTURES	CME	12000	ES-05

2020-06-23	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-06-23	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-06-23	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-06-23	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-06-23	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-06-22	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-06-22	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-06-22	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-06-22	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-06-22	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-06-19	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-06-19	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-06-19	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-06-19	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-06-19	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-06-19	E-MINI S&P 500 FUTURES	CME	12000	ES-06
2020-06-18	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-06-18	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-06-18	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-06-18	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-06-18	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-06-17	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-06-17	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-06-17	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-06-17	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-06-17	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-06-16	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-06-16	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-06-16	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-06-16	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-06-16	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-06-15	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-06-15	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-06-15	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-06-15	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-06-15	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-06-12	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-06-12	E-MINI S&P 500 FUTURES	CME	12000	ES-02











2020-05-01	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-04-30	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-04-30	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-04-30	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-04-30	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-04-30	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-04-29	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-04-29	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-04-29	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-04-29	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-04-29	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-04-28	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-04-28	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-04-28	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-04-28	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-04-28	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-04-27	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-04-27	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-04-27	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-04-27	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-04-27	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-04-24	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-04-24	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-04-24	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-04-24	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-04-24	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-04-23	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-04-23	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-04-23	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-04-23	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-04-23	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-04-22	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-04-22	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-04-22	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-04-22	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-04-22	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-04-21	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-04-21	E-MINI S&P 500 FUTURES	CME	12000	ES-02









2020-03-19	E-MINI S&P 500 FUTURES	CME	12000	ES-01
2020-03-19	E-MINI S&P 500 FUTURES	CME	12000	ES-02
2020-03-19	E-MINI S&P 500 FUTURES	CME	12000	ES-03
2020-03-19	E-MINI S&P 500 FUTURES	CME	12000	ES-04
2020-03-19	E-MINI S&P 500 FUTURES	CME	12000	ES-05
2020-03-18	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2020-03-18	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2020-03-18	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2020-03-18	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2020-03-18	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2020-03-17	E-MINI S&P 500 FUTURES	CME	10600	ES-01
2020-03-17	E-MINI S&P 500 FUTURES	CME	10600	ES-02
2020-03-17	E-MINI S&P 500 FUTURES	CME	10600	ES-03
2020-03-17	E-MINI S&P 500 FUTURES	CME	10600	ES-04
2020-03-17	E-MINI S&P 500 FUTURES	CME	10600	ES-05
2020-03-16	E-MINI S&P 500 FUTURES	CME	9000	ES-01
2020-03-16	E-MINI S&P 500 FUTURES	CME	9000	ES-02
2020-03-16	E-MINI S&P 500 FUTURES	CME	9000	ES-03
2020-03-16	E-MINI S&P 500 FUTURES	CME	9000	ES-04
2020-03-16	E-MINI S&P 500 FUTURES	CME	9000	ES-05
2020-03-13	E-MINI S&P 500 FUTURES	CME	9000	ES-01
2020-03-13	E-MINI S&P 500 FUTURES	CME	9000	ES-02
2020-03-13	E-MINI S&P 500 FUTURES	CME	9000	ES-03
2020-03-13	E-MINI S&P 500 FUTURES	CME	9000	ES-04
2020-03-13	E-MINI S&P 500 FUTURES	CME	9000	ES-05
2020-03-12	E-MINI S&P 500 FUTURES	CME	8350	ES-01
2020-03-12	E-MINI S&P 500 FUTURES	CME	8350	ES-02
2020-03-12	E-MINI S&P 500 FUTURES	CME	8350	ES-03
2020-03-12	E-MINI S&P 500 FUTURES	CME	8350	ES-04
2020-03-12	E-MINI S&P 500 FUTURES	CME	8350	ES-05
2020-03-11	E-MINI S&P 500 FUTURES	CME	8350	ES-01
2020-03-11	E-MINI S&P 500 FUTURES	CME	8350	ES-02
2020-03-11	E-MINI S&P 500 FUTURES	CME	8350	ES-03
2020-03-11	E-MINI S&P 500 FUTURES	CME	8350	ES-04
2020-03-11	E-MINI S&P 500 FUTURES	CME	8350	ES-05
2020-03-10	E-MINI S&P 500 FUTURES	CME	8350	ES-01
2020-03-10	E-MINI S&P 500 FUTURES	CME	8350	ES-02
2020-03-10	E-MINI S&P 500 FUTURES	CME	8350	ES-03

2020-03-10	E-MINI S&P 500 FUTURES	CME	8350	ES-04
2020-03-10	E-MINI S&P 500 FUTURES	CME	8350	ES-05
2020-03-09	E-MINI S&P 500 FUTURES	CME	7600	ES-01
2020-03-09	E-MINI S&P 500 FUTURES	CME	7600	ES-02
2020-03-09	E-MINI S&P 500 FUTURES	CME	7600	ES-03
2020-03-09	E-MINI S&P 500 FUTURES	CME	7600	ES-04
2020-03-09	E-MINI S&P 500 FUTURES	CME	7600	ES-05
2020-03-06	E-MINI S&P 500 FUTURES	CME	7600	ES-01
2020-03-06	E-MINI S&P 500 FUTURES	CME	7600	ES-02
2020-03-06	E-MINI S&P 500 FUTURES	CME	7600	ES-03
2020-03-06	E-MINI S&P 500 FUTURES	CME	7600	ES-04
2020-03-06	E-MINI S&P 500 FUTURES	CME	7600	ES-05
2020-03-05	E-MINI S&P 500 FUTURES	CME	7600	ES-01
2020-03-05	E-MINI S&P 500 FUTURES	CME	7600	ES-02
2020-03-05	E-MINI S&P 500 FUTURES	CME	7600	ES-03
2020-03-05	E-MINI S&P 500 FUTURES	CME	7600	ES-04
2020-03-05	E-MINI S&P 500 FUTURES	CME	7600	ES-05
2020-03-04	E-MINI S&P 500 FUTURES	CME	7600	ES-01
2020-03-04	E-MINI S&P 500 FUTURES	CME	7600	ES-02
2020-03-04	E-MINI S&P 500 FUTURES	CME	7600	ES-03
2020-03-04	E-MINI S&P 500 FUTURES	CME	7600	ES-04
2020-03-04	E-MINI S&P 500 FUTURES	CME	7600	ES-05
2020-03-03	E-MINI S&P 500 FUTURES	CME	7200	ES-01
2020-03-03	E-MINI S&P 500 FUTURES	CME	7200	ES-02
2020-03-03	E-MINI S&P 500 FUTURES	CME	7200	ES-03
2020-03-03	E-MINI S&P 500 FUTURES	CME	7200	ES-04
2020-03-03	E-MINI S&P 500 FUTURES	CME	7200	ES-05
2020-03-02	E-MINI S&P 500 FUTURES	CME	7200	ES-01
2020-03-02	E-MINI S&P 500 FUTURES	CME	7200	ES-02
2020-03-02	E-MINI S&P 500 FUTURES	CME	7200	ES-03
2020-03-02	E-MINI S&P 500 FUTURES	CME	7200	ES-04
2020-03-02	E-MINI S&P 500 FUTURES	CME	7200	ES-05
2020-02-28	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-28	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-28	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-28	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-28	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-27	E-MINI S&P 500 FUTURES	CME	6600	ES-01

2020-02-27	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-27	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-27	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-27	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-26	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-26	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-26	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-26	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-26	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-25	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-25	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-25	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-25	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-25	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-24	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-24	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-24	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-24	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-24	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-21	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-21	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-21	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-21	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-21	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-20	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-20	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-20	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-20	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-20	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-19	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-19	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-19	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-19	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-19	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-18	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-18	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-18	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-18	E-MINI S&P 500 FUTURES	CME	6600	ES-04

2020-02-18	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-17	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-17	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-17	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-17	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-17	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-14	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-14	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-14	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-14	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-14	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-13	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-13	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-13	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-13	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-13	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-12	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-12	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-12	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-12	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-12	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-11	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-11	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-11	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-11	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-11	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-10	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-10	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-10	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-10	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-10	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-07	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-07	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-07	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-07	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-07	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-06	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-06	E-MINI S&P 500 FUTURES	CME	6600	ES-02

2020-02-06	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-06	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-06	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-05	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-05	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-05	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-05	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-05	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-04	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-04	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-04	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-04	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-04	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-02-03	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-02-03	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-02-03	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-02-03	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-02-03	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-31	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-31	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-31	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-31	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-31	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-30	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-30	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-30	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-30	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-30	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-29	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-29	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-29	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-29	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-29	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-28	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-28	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-28	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-28	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-28	E-MINI S&P 500 FUTURES	CME	6600	ES-05

2020-01-27	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-27	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-27	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-27	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-27	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-24	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-24	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-24	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-24	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-24	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-23	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-23	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-23	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-23	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-23	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-22	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-22	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-22	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-22	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-22	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-21	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-21	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-21	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-21	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-21	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-20	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-20	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-20	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-20	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-20	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-17	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-17	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-17	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-17	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-17	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-16	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-16	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-16	E-MINI S&P 500 FUTURES	CME	6600	ES-03

2020-01-16	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-16	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-15	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-15	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-15	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-15	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-15	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-14	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-14	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-14	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-14	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-14	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-13	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-13	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-13	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-13	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-13	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-10	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-10	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-10	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-10	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-10	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-09	E-MINI S&P 500 FUTURES	CME	6600	ES-01
2020-01-09	E-MINI S&P 500 FUTURES	CME	6600	ES-02
2020-01-09	E-MINI S&P 500 FUTURES	CME	6600	ES-03
2020-01-09	E-MINI S&P 500 FUTURES	CME	6600	ES-04
2020-01-09	E-MINI S&P 500 FUTURES	CME	6600	ES-05
2020-01-08	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2020-01-08	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2020-01-08	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2020-01-08	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2020-01-08	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2020-01-07	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2020-01-07	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2020-01-07	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2020-01-07	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2020-01-07	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2020-01-06	E-MINI S&P 500 FUTURES	CME	6300	ES-01

2020-01-06	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2020-01-06	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2020-01-06	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2020-01-06	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2020-01-03	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2020-01-03	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2020-01-03	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2020-01-03	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2020-01-03	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2020-01-02	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2020-01-02	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2020-01-02	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2020-01-02	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2020-01-02	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-31	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-31	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-31	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-31	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-31	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-30	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-30	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-30	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-30	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-30	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-27	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-27	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-27	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-27	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-27	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-26	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-26	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-26	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-26	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-26	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-25	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-25	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-25	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-25	E-MINI S&P 500 FUTURES	CME	6300	ES-04



2019-12-25	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-24	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-24	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-24	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-24	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-24	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-23	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-23	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-23	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-23	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-23	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-20	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-20	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-20	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-20	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-20	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-20	E-MINI S&P 500 FUTURES	CME	6300	ES-06
2019-12-19	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-19	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-19	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-19	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-19	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-18	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-18	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-18	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-18	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-18	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-17	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-17	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-17	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-17	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-17	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-16	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-16	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-16	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-16	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-16	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-13	E-MINI S&P 500 FUTURES	CME	6300	ES-01

2019-12-13	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-13	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-13	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-13	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-12	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-12	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-12	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-12	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-12	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-11	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-11	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-11	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-11	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-11	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-10	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-10	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-10	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-10	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-10	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-09	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-09	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-09	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-09	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-09	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-06	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-06	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-06	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-06	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-06	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-05	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-05	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-05	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-05	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-05	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-04	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-04	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-04	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-04	E-MINI S&P 500 FUTURES	CME	6300	ES-04

2019-12-04	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-03	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-03	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-03	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-03	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-03	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-12-02	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-12-02	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-12-02	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-12-02	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-12-02	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-11-29	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-11-29	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-11-29	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-11-29	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-11-29	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-11-28	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-11-28	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-11-28	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-11-28	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-11-28	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-11-27	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-11-27	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-11-27	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-11-27	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-11-27	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-11-26	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-11-26	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-11-26	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-11-26	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-11-26	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-11-25	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-11-25	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-11-25	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-11-25	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-11-25	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-11-22	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-11-22	E-MINI S&P 500 FUTURES	CME	6300	ES-02

2019-11-22	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-11-22	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-11-22	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-11-21	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-11-21	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-11-21	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-11-21	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-11-21	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-11-20	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-11-20	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-11-20	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-11-20	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-11-20	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-11-19	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-11-19	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-11-19	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-11-19	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-11-19	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-11-18	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-11-18	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-11-18	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-11-18	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-11-18	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-11-15	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-11-15	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-11-15	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-11-15	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-11-15	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-11-14	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-11-14	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-11-14	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-11-14	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-11-14	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-11-13	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-11-13	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-11-13	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-11-13	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-11-13	E-MINI S&P 500 FUTURES	CME	6000	ES-05

2019-11-12	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-11-12	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-11-12	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-11-12	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-11-12	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-11-11	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-11-11	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-11-11	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-11-11	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-11-11	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-11-08	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-11-08	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-11-08	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-11-08	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-11-08	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-11-07	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-11-07	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-11-07	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-11-07	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-11-07	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-11-06	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-11-06	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-11-06	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-11-06	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-11-06	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-11-05	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-11-05	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-11-05	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-11-05	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-11-05	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-11-04	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-11-04	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-11-04	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-11-04	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-11-04	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-11-01	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-11-01	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-11-01	E-MINI S&P 500 FUTURES	CME	6000	ES-03

2019-11-01	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-11-01	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-10-31	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-31	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-10-31	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-31	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-31	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-30	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-30	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-10-30	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-30	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-30	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-29	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-29	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-10-29	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-29	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-29	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-28	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-28	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-10-28	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-28	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-28	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-25	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-25	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-10-25	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-25	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-25	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-24	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-24	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-10-24	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-24	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-24	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-23	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-23	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-10-23	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-23	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-23	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-22	E-MINI S&P 500 FUTURES	CME	6300	ES-01



2019-10-11	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-10	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-10	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-10-10	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-10	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-10	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-09	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-09	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-10-09	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-09	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-09	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-08	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-08	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-10-08	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-08	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-08	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-07	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-07	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-10-07	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-07	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-07	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-04	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-04	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-10-04	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-04	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-04	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-03	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-03	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-10-03	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-03	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-03	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-02	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-02	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-10-02	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-02	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-02	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-10-01	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-10-01	E-MINI S&P 500 FUTURES	CME	6300	ES-02



2019-10-01	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-10-01	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-10-01	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-30	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-30	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-30	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-30	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-30	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-27	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-27	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-27	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-27	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-27	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-26	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-26	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-26	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-26	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-26	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-25	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-25	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-25	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-25	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-25	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-24	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-24	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-24	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-24	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-24	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-23	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-23	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-23	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-23	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-23	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-20	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-20	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-20	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-20	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-20	E-MINI S&P 500 FUTURES	CME	6300	ES-05

2019-09-20	E-MINI S&P 500 FUTURES	CME	6300	ES-06
2019-09-19	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-19	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-19	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-19	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-19	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-18	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-18	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-18	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-18	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-18	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-17	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-17	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-17	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-17	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-17	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-16	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-16	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-16	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-16	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-16	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-13	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-13	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-13	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-13	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-13	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-12	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-12	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-12	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-12	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-12	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-11	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-11	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-11	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-11	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-11	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-10	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-10	E-MINI S&P 500 FUTURES	CME	6300	ES-02

2019-09-10	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-10	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-10	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-09	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-09	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-09	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-09	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-09	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-06	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-06	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-06	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-06	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-06	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-05	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-05	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-05	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-05	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-05	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-04	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-04	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-04	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-04	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-04	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-03	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-03	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-03	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-03	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-03	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-09-02	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-09-02	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-09-02	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-09-02	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-09-02	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-30	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-30	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-30	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-30	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-30	E-MINI S&P 500 FUTURES	CME	6300	ES-05

2019-08-29	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-29	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-29	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-29	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-29	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-28	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-28	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-28	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-28	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-28	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-27	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-27	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-27	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-27	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-27	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-26	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-26	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-26	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-26	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-26	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-23	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-23	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-23	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-23	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-23	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-22	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-22	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-22	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-22	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-22	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-21	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-21	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-21	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-21	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-21	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-20	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-20	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-20	E-MINI S&P 500 FUTURES	CME	6300	ES-03

2019-08-20	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-20	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-19	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-19	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-19	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-19	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-19	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-16	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-16	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-16	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-16	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-16	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-15	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-15	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-15	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-15	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-15	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-14	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-14	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-14	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-14	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-14	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-13	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-13	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-13	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-13	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-13	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-12	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-12	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-12	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-12	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-12	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-09	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-09	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-09	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-09	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-09	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-08	E-MINI S&P 500 FUTURES	CME	6300	ES-01

2019-08-08	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-08	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-08	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-08	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-07	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-07	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-07	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-07	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-07	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-06	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-06	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-06	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-06	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-06	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-05	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-05	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-05	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-05	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-05	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-02	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-02	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-02	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-02	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-02	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-08-01	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-08-01	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-08-01	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-08-01	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-08-01	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-31	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-31	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-31	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-31	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-31	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-30	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-30	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-30	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-30	E-MINI S&P 500 FUTURES	CME	6300	ES-04

2019-07-30	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-29	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-29	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-29	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-29	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-29	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-26	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-26	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-26	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-26	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-26	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-25	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-25	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-25	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-25	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-25	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-24	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-24	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-24	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-24	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-24	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-23	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-23	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-23	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-23	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-23	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-22	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-22	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-22	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-22	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-22	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-19	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-19	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-19	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-19	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-19	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-18	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-18	E-MINI S&P 500 FUTURES	CME	6300	ES-02

2019-07-18	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-18	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-18	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-17	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-17	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-17	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-17	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-17	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-16	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-16	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-16	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-16	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-16	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-15	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-15	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-15	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-15	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-15	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-12	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-12	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-12	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-12	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-12	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-11	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-11	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-11	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-11	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-11	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-10	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-10	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-10	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-10	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-10	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-09	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-09	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-09	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-09	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-09	E-MINI S&P 500 FUTURES	CME	6300	ES-05



2019-07-08	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-08	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-08	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-08	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-08	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-05	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-05	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-05	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-05	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-05	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-04	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-04	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-04	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-04	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-04	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-03	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-03	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-03	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-03	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-03	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-02	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-02	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-02	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-02	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-02	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-07-01	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-07-01	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-07-01	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-07-01	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-07-01	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-28	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-28	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-28	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-28	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-28	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-27	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-27	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-27	E-MINI S&P 500 FUTURES	CME	6300	ES-03

2019-06-27	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-27	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-26	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-26	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-26	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-26	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-26	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-25	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-25	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-25	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-25	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-25	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-24	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-24	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-24	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-24	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-24	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-21	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-21	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-21	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-21	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-21	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-21	E-MINI S&P 500 FUTURES	CME	6300	ES-06
2019-06-20	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-20	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-20	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-20	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-20	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-19	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-19	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-19	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-19	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-19	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-18	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-18	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-18	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-18	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-18	E-MINI S&P 500 FUTURES	CME	6300	ES-05

2019-06-17	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-17	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-17	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-17	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-17	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-14	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-14	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-14	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-14	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-14	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-13	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-13	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-13	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-13	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-13	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-12	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-12	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-12	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-12	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-12	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-11	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-11	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-11	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-11	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-11	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-10	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-10	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-10	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-10	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-10	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-07	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-07	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-07	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-07	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-07	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-06	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-06	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-06	E-MINI S&P 500 FUTURES	CME	6300	ES-03

2019-06-06	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-06	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-05	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-05	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-05	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-05	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-05	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-04	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-04	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-04	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-04	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-04	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-06-03	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-06-03	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-06-03	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-06-03	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-06-03	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-31	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-31	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-31	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-31	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-31	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-30	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-30	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-30	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-30	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-30	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-29	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-29	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-29	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-29	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-29	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-28	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-28	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-28	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-28	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-28	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-27	E-MINI S&P 500 FUTURES	CME	6300	ES-01

2019-05-27	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-27	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-27	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-27	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-24	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-24	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-24	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-24	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-24	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-23	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-23	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-23	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-23	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-23	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-22	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-22	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-22	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-22	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-22	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-21	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-21	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-21	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-21	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-21	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-20	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-20	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-20	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-20	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-20	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-17	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-17	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-17	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-17	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-17	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-16	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-16	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-16	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-16	E-MINI S&P 500 FUTURES	CME	6300	ES-04

2019-05-16	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-15	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-15	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-15	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-15	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-15	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-14	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-14	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-14	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-14	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-14	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-13	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-13	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-13	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-13	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-13	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-10	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-10	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-10	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-10	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-10	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-09	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-09	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-09	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-09	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-09	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-08	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-08	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-08	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-08	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-08	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-07	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-07	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-07	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-07	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-07	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-06	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-06	E-MINI S&P 500 FUTURES	CME	6300	ES-02

2019-05-06	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-06	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-06	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-03	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-03	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-03	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-03	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-03	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-02	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-02	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-02	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-02	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-02	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-05-01	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-05-01	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-05-01	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-05-01	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-05-01	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-04-30	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-04-30	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-04-30	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-04-30	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-04-30	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-04-29	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-04-29	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-04-29	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-04-29	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-04-29	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-04-26	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-04-26	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-04-26	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-04-26	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-04-26	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-04-25	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-04-25	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-04-25	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-04-25	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-04-25	E-MINI S&P 500 FUTURES	CME	6300	ES-05

2019-04-24	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-04-24	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-04-24	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-04-24	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-04-24	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-04-23	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-04-23	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-04-23	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-04-23	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-04-23	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-04-22	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-04-22	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-04-22	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-04-22	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-04-22	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-04-19	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-04-19	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-04-19	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-04-19	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-04-19	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-04-18	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-04-18	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-04-18	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-04-18	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-04-18	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-04-17	E-MINI S&P 500 FUTURES	CME	6300	ES-01
2019-04-17	E-MINI S&P 500 FUTURES	CME	6300	ES-02
2019-04-17	E-MINI S&P 500 FUTURES	CME	6300	ES-03
2019-04-17	E-MINI S&P 500 FUTURES	CME	6300	ES-04
2019-04-17	E-MINI S&P 500 FUTURES	CME	6300	ES-05
2019-04-16	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-04-16	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-04-16	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-04-16	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-04-16	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-04-15	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-04-15	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-04-15	E-MINI S&P 500 FUTURES	CME	6000	ES-03



2019-04-15	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-04-15	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-04-12	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-04-12	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-04-12	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-04-12	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-04-12	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-04-11	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-04-11	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-04-11	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-04-11	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-04-11	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-04-10	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-04-10	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-04-10	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-04-10	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-04-10	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-04-09	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-04-09	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-04-09	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-04-09	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-04-09	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-04-08	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-04-08	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-04-08	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-04-08	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-04-08	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-04-05	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-04-05	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-04-05	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-04-05	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-04-05	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-04-04	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-04-04	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-04-04	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-04-04	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-04-04	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-04-03	E-MINI S&P 500 FUTURES	CME	6000	ES-01

2019-04-03	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-04-03	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-04-03	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-04-03	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-04-02	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-04-02	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-04-02	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-04-02	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-04-02	E-MINI S&P 500 FUTURES	CME	6000	ES-05
2019-04-01	E-MINI S&P 500 FUTURES	CME	6000	ES-01
2019-04-01	E-MINI S&P 500 FUTURES	CME	6000	ES-02
2019-04-01	E-MINI S&P 500 FUTURES	CME	6000	ES-03
2019-04-01	E-MINI S&P 500 FUTURES	CME	6000	ES-04
2019-04-01	E-MINI S&P 500 FUTURES	CME	6000	ES-05