

2020 WHEAT			
DATE	CASH	FUTURES	BASIS
12/31/2020	5.68	5.670	(0.36)
12/30/2020	5.67	5.650	(0.34)
12/29/2020	5.51	5.500	(0.34)
12/28/2020	5.43	5.420	(0.34)
12/24/2020	5.55	5.530	(0.34)
12/23/2020	5.54	5.520	(0.34)
12/22/2020	5.46	5.460	(0.33)
12/21/2020	5.42	5.420	(0.33)
12/18/2020	5.37	5.370	(0.32)
12/17/2020	5.37	5.370	(0.33)
12/16/2020	5.29	5.290	(0.33)
12/15/2020	5.33	5.330	(0.33)
12/14/2020	5.30	5.300	(0.32)
12/11/2020	5.48	5.450	(0.33)
12/10/2020	5.30	5.300	(0.34)
12/9/2020	5.16	5.200	(0.35)
12/8/2020	5.02	5.080	(0.35)
12/7/2020	5.10	5.140	(0.36)
12/4/2020	5.08	5.120	(0.35)
12/3/2020	5.14	5.160	(0.36)
12/2/2020	5.18	5.200	(0.36)
12/1/2020	5.04	5.070	(0.35)
11/30/2020	5.12	5.150	(0.35)
11/27/2020	5.30	5.350	(0.33)
11/25/2020	5.13	5.200	(0.31)
11/24/2020	5.30	5.400	(0.31)
11/23/2020	5.20	5.300	(0.31)
11/20/2020	5.18	5.280	(0.32)
11/19/2020	5.16	5.250	(0.33)
11/18/2020	5.25	5.320	(0.33)
11/17/2020	5.20	5.280	(0.33)
11/16/2020	5.25	5.330	(0.33)
11/13/2020	5.20	5.270	(0.32)
11/12/2020	5.13	5.200	(0.31)
11/11/2020	5.23	5.300	(0.31)
11/10/2020	5.30	5.360	(0.32)
11/9/2020	5.20	5.280	(0.33)
11/6/2020	5.23	5.300	(0.32)
11/5/2020	5.30	5.370	(0.33)
11/4/2020	5.28	2.340	(0.32)
11/3/2020	5.25	5.300	(0.32)
11/2/2020	5.22	5.260	(0.31)
10/30/2020	5.10	5.160	(0.31)
10/29/2020	5.10	5.180	(0.32)
10/28/2020	5.12	5.200	(0.31)
10/27/2020	5.18	5.230	(0.31)
10/26/2020	5.21	5.260	(0.31)
10/23/2020	5.40	5.420	(0.30)
10/22/2020	5.30	5.350	(0.30)
10/21/2020	5.36	5.420	(0.34)
10/20/2020	5.37	5.430	(0.34)
10/19/2020	5.29	5.350	(0.34)
10/16/2020	5.25	5.310	(0.34)
10/15/2020	5.24	5.320	(0.34)
10/14/2020	5.03	5.140	(0.32)
10/13/2020	5.00	5.100	(0.31)
10/12/2020	5.00	5.070	(0.31)
10/9/2020	5.05	5.110	(0.31)
10/8/2020	5.00	5.050	(0.29)
10/7/2020	5.10	5.180	(0.35)
10/6/2020	5.00	5.090	(0.34)
10/5/2020	4.90	5.000	(0.34)
10/2/2020	4.75	4.860	(0.35)
10/1/2020	4.72	4.820	(0.35)
9/30/2020	4.76	4.850	(0.34)
9/29/2020	4.43	4.560	(0.33)
9/28/2020	4.50	4.620	(0.33)
9/25/2020	4.42	4.550	(0.33)
9/24/2020	4.50	4.630	(0.33)
9/23/2020	4.50	4.630	(0.34)
9/22/2020	4.58	4.710	(0.34)
9/21/2020	4.54	4.670	(0.33)
9/18/2020	4.70	4.820	(0.34)
9/17/2020	4.55	4.660	(0.33)
9/16/2020	4.40	4.550	(0.35)
9/15/2020	4.34	4.480	(0.34)
9/14/2020	4.40	4.530	(0.34)
9/11/2020	4.38	4.520	(0.33)
9/10/2020	4.40	4.540	(0.34)
9/9/2020	4.37	4.520	(0.34)
9/8/2020	4.35	4.500	(0.35)
9/4/2020	4.38	4.500	(0.35)
9/3/2020	4.40	4.530	(0.36)
9/2/2020	4.44	4.570	(0.35)
9/1/2020	4.50	4.630	(0.36)
8/31/2020	4.36	4.550	(0.39)
8/28/2020	4.32	4.520	(0.40)
8/27/2020	4.31	4.520	(0.30)
8/26/2020	4.21	4.410	(0.29)
8/25/2020	4.16	4.350	(0.28)
8/24/2020	4.08	4.270	(0.27)
8/21/2020	4.18	4.370	(0.28)
8/20/2020	4.14	4.330	(0.28)
8/19/2020	4.10	4.300	(0.28)
8/18/2020	4.03	4.230	(0.27)
8/17/2020	4.12	4.290	(0.25)
8/14/2020	4.00	4.150	(0.25)

2020 SOYBEANS			
DATE	CASH	FUTURES	BASIS
12/31/2020	12.53	10.300	(0.58)
12/30/2020	12.43	10.220	(0.58)
12/29/2020	12.37	10.180	(0.59)
12/28/2020	11.97	10.050	(0.58)
12/24/2020	12.05	10.020	(0.58)
12/23/2020	12.01	10.040	(0.58)
12/22/2020	11.90	10.070	(0.57)
12/21/2020	11.86	10.100	(0.57)
12/18/2020	11.64	10.000	(0.56)
12/17/2020	11.47	9.930	(0.54)
12/16/2020	11.30	9.800	(0.54)
12/15/2020	11.30	9.820	(0.54)
12/14/2020	11.15	9.760	(0.55)
12/11/2020	11.07	9.700	(0.54)
12/10/2020	11.00	9.620	(0.53)
12/9/2020	11.05	9.640	(0.54)
12/8/2020	10.93	9.580	(0.53)
12/7/2020	11.04	9.600	(0.55)
12/4/2020	11.10	9.520	(0.53)
12/3/2020	11.15	9.540	(0.53)
12/2/2020	11.00	9.450	(0.53)
12/1/2020	11.07	9.500	(0.55)
11/30/2020	11.15	9.550	(0.54)
11/27/2020	11.38	9.700	(0.55)
11/25/2020	11.30	9.640	(0.54)
11/24/2020	11.32	9.700	(0.59)
11/23/2020	11.33	9.700	(0.59)
11/20/2020	11.22	9.640	(0.59)
11/19/2020	11.18	9.650	(0.60)
11/18/2020	11.16	9.660	(0.60)
11/17/2020	11.10	9.620	(0.60)
11/16/2020	10.95	9.600	(0.59)
11/13/2020	10.87	9.540	(0.61)
11/12/2020	10.84	9.470	(0.62)
11/11/2020	10.91	9.470	(0.61)
11/10/2020	10.85	9.400	(0.61)
11/9/2020	10.50	9.220	(0.61)
11/6/2020	10.41	9.200	(0.61)
11/5/2020	10.43	9.170	(0.61)
11/4/2020	10.25	9.050	(0.61)
11/3/2020	10.05	8.950	(0.59)
11/2/2020	9.94	8.880	(0.58)
10/30/2020	10.00	8.870	(0.57)
10/29/2020	9.93	8.810	(0.59)
10/28/2020	9.95	8.810	(0.62)
10/27/2020	10.20	8.940	(0.62)
10/26/2020	10.24	9.000	(0.64)
10/23/2020	10.18	9.000	(0.66)
10/22/2020	10.08	9.000	(0.66)
10/21/2020	10.03	10.030	(0.69)
10/20/2020	9.95	9.950	(0.69)
10/19/2020	9.85	9.850	(0.69)
10/16/2020	9.80	9.800	(0.70)
10/15/2020	9.91	9.910	(0.71)
10/14/2020	9.87	9.870	(0.69)
10/13/2020	9.75	9.750	(0.69)
10/12/2020	9.61	9.610	(0.73)
10/9/2020	9.93	9.930	(0.73)
10/8/2020	9.77	9.770	(0.73)
10/7/2020	9.77	9.770	(0.74)
10/6/2020	9.70	9.700	(0.74)
10/5/2020	9.45	9.450	(0.77)
10/2/2020	9.43	9.430	(0.78)
10/1/2020	9.46	9.460	(0.78)
9/30/2020	9.50	9.400	(0.74)
9/29/2020	9.17	9.090	(0.76)
9/28/2020	9.20	9.120	(0.76)
9/25/2020	9.27	9.200	(0.76)
9/24/2020	9.25	9.180	(0.75)
9/23/2020	9.38	9.320	(0.77)
9/22/2020	9.45	9.380	(0.75)
9/21/2020	9.50	9.400	(0.72)
9/18/2020	9.70	9.600	(0.74)
9/17/2020	9.55	9.450	(0.74)
9/16/2020	9.38	9.280	(0.73)
9/15/2020	9.18	9.100	(0.74)
9/14/2020	9.25	9.160	(0.75)
9/11/2020	9.20	9.120	(0.74)
9/10/2020	9.04	8.940	(0.74)
9/9/2020	9.05	8.950	(0.74)
9/8/2020	9.00	8.910	(0.73)
9/4/2020	8.96	8.860	(0.72)
9/3/2020	8.94	8.884	(0.72)
9/2/2020	8.91	8.800	(0.71)
9/1/2020	8.84	8.730	(0.71)
8/31/2020	8.81	8.700	(0.72)
8/28/2020	8.80	8.660	(0.71)
8/27/2020	8.70	8.570	(0.72)
8/26/2020	8.53	8.400	(0.71)
8/25/2020	8.50	8.370	(0.70)
8/24/2020	8.36	8.230	(0.70)
8/21/2020	8.36	8.230	(0.69)
8/20/2020	8.37	8.230	(0.68)
8/19/2020	8.45	8.300	(0.69)
8/18/2020	8.45	8.300	(0.69)
8/17/2020	8.45	8.300	(0.70)
8/14/2020	8.30	8.150	(0.69)

2020 CORN			
DATE	CASH	FUTURES	BASIS
12/31/2020	4.50	4.020	(0.34)
12/30/2020	4.42	4.430	(0.33)
12/29/2020	4.33	4.400	(0.33)
12/28/2020	4.24	3.930	(0.33)
12/24/2020	4.18	3.910	(0.33)
12/23/2020	4.15	3.900	(0.32)
12/22/2020	4.11	3.870	(0.33)
12/21/2020	4.07	3.870	(0.33)
12/18/2020	4.05	3.850	(0.33)
12/17/2020	4.00	3.820	(0.32)
12/16/2020	3.95	3.810	(0.32)
12/15/2020	3.93	3.800	(0.32)
12/14/2020	3.93	3.790	(0.31)
12/11/2020	3.93	3.790	(0.31)
12/10/2020	3.90	3.760	(0.31)
12/9/2020	3.92	3.780	(0.32)
12/8/2020	3.88	3.760	(0.32)
12/7/2020	3.90	3.780	(0.34)
12/4/2020	3.85	3.770	(0.36)
12/3/2020	3.90	3.770	(0.37)
12/2/2020	3.87	3.740	(0.37)
12/1/2020	3.82	3.730	(0.39)
11/30/2020	3.87	3.740	(0.39)
11/27/2020	3.95	3.810	(0.31)
11/25/2020	3.88	3.770	(0.32)
11/24/2020	3.94	3.770	(0.32)
11/23/2020	3.95	3.760	(0.32)
11/20/2020	3.90	3.730	(0.33)
11/19/2020	3.90	3.730	(0.33)
11/18/2020	3.93	3.740	(0.33)
11/17/2020	3.87	3.720	(0.33)
11/16/2020	3.83	3.720	(0.33)
11/13/2020	3.77	3.690	(0.33)
11/12/2020	3.75	3.670	(0.33)
11/11/2020	3.84	3.700	(0.33)
11/10/2020	3.90	3.700	(0.33)
11/9/2020	3.73	3.600	(0.35)
11/6/2020	3.73	3.580	(0.34)
11/5/2020	3.76	3.580	(0.33)
11/4/2020	3.72	3.560	(0.33)
11/3/2020	3.68	3.530	(0.33)
11/2/2020	3.66	3.500	(0.32)
10/30/2020	3.67	3.500	(0.32)
10/29/2020	3.67	3.470	(0.32)
10/28/2020	3.70	3.470	(0.32)
10/27/2020	3.85	3.570	(0.31)
10/26/2020	3.86	3.580	(0.32)
10/23/2020	3.88	3.600	(0.31)
10/22/2020	3.85	3.630	(0.31)
10/21/2020	3.81	3.810	(0.33)
10/20/2020	3.76	3.760	(0.33)
10/19/2020	3.72	3.720	(0.33)
10/16/2020	3.70	3.700	(0.32)
10/15/2020	3.70	3.700	(0.34)
10/14/2020	3.62	3.620	(0.34)
10/13/2020	3.57	3.570	(0.34)
10/12/2020	3.55	3.550	(0.34)
10/9/2020	3.62	3.620	(0.33)
10/8/2020	3.54	3.5	

8/13/2020	4.00	4.150	(0.25)
8/12/2020	3.90	4.100	(0.28)
8/11/2020	3.90	4.100	(0.27)
8/10/2020	3.88	4.090	(0.26)
8/7/2020	3.90	4.100	(0.26)
8/6/2020	3.91	4.120	(0.26)
8/5/2020	4.00	4.200	(0.27)
8/4/2020	3.96	4.160	(0.26)
8/3/2020	4.05	4.220	(0.26)
7/31/2020	4.15	4.330	(0.28)
7/30/2020	4.13	4.300	(0.27)
7/29/2020	4.20	4.360	(0.26)
7/28/2020	4.12	4.280	(0.25)
7/27/2020	4.14	4.310	(0.26)
7/24/2020	4.24	4.400	(0.26)
7/23/2020	4.15	4.320	(0.26)
7/22/2020	4.22	4.380	(0.27)
7/21/2020	4.17	4.340	(0.26)
7/20/2020	4.09	4.270	(0.26)
7/17/2020	4.23	4.400	(0.26)
7/16/2020	4.23	4.400	(0.26)
7/15/2020	4.35	4.500	(0.25)
7/14/2020	4.17	4.350	(0.25)
7/13/2020	4.24	4.420	(0.25)
7/10/2020	4.25	4.440	(0.27)
7/9/2020	4.30	4.480	(0.27)
7/8/2020	4.30	4.480	(0.27)
7/7/2020	4.14	4.350	(0.27)
7/6/2020	4.12	4.330	(0.27)
7/2/2020	4.08	4.300	(0.26)
7/1/2020	4.18	4.320	(0.25)
6/30/2020	4.13	4.300	(0.27)
6/29/2020	4.10	4.100	(0.27)
6/26/2020	4.02	4.030	(0.18)
6/25/2020	4.12	4.120	(0.18)
6/24/2020	4.14	4.140	(0.17)
6/23/2020	4.18	4.180	(0.17)
6/22/2020	4.13	4.130	(0.18)
6/19/2020	4.10	4.100	(0.18)
6/18/2020	4.11	4.110	(0.18)
6/17/2020	4.16	4.150	(0.18)
6/16/2020	4.18	4.180	(0.20)
6/15/2020	4.26	4.260	(0.20)
6/12/2020	4.29	4.290	(0.19)
6/11/2020	4.27	4.270	(0.20)
6/10/2020	4.38	4.380	(0.20)
6/9/2020	4.38	4.380	(0.20)
6/8/2020	4.42	4.420	(0.19)
6/5/2020	4.43	4.430	(0.18)
6/4/2020	4.53	4.530	(0.19)
6/3/2020	4.39	4.390	(0.19)
6/2/2020	4.32	4.320	(0.19)
6/1/2020	4.45	4.450	(0.18)
5/29/2020	4.52	4.520	(0.19)
5/28/2020	4.45	4.450	(0.19)
5/27/2020	4.33	4.330	(0.19)
5/26/2020	4.28	4.280	(0.19)
5/22/2020	4.25	4.250	(0.20)
5/21/2020	4.35	4.350	(0.20)
5/20/2020	4.32	4.320	(0.21)
5/19/2020	4.25	4.210	(0.21)
5/18/2020	4.25	4.250	(0.21)
5/15/2020	4.28	4.280	(0.24)
5/14/2020	4.28	4.280	(0.24)
5/13/2020	4.30	4.300	(0.24)
5/12/2020	4.45	4.470	(0.24)
5/11/2020	4.50	4.530	(0.25)
5/8/2020	4.55	4.580	(0.25)
5/7/2020	4.52	4.560	(0.27)
5/6/2020	4.5	4.540	(0.28)
5/5/2020	4.55	4.600	(0.29)
5/4/2020	4.58	4.620	(0.29)
5/1/2020	4.55	4.580	(0.28)
4/30/2020	4.60	4.630	(0.28)
4/29/2020	4.47	4.500	(0.30)
4/28/2020	4.54	4.570	(0.21)
4/27/2020	4.50	4.530	(0.21)
4/24/2020	4.53	4.570	(0.22)
4/23/2020	4.65	4.670	(0.20)
4/22/2020	4.70	4.700	(0.20)
4/21/2020	4.76	4.780	(0.21)
4/20/2020	4.75	4.740	(0.20)
4/17/2020	4.59	4.550	(0.20)
4/16/2020	4.50	4.470	(0.20)
4/15/2020	4.58	4.580	(0.22)
4/14/2020	4.62	4.600	(0.22)
4/13/2020	4.72	4.720	(0.22)
4/9/2020	4.70	4.700	(0.22)
4/8/2020	4.55	4.550	(0.23)
4/7/2020	4.51	4.500	(0.22)
4/6/2020	4.54	4.520	(0.22)
4/3/2020	4.50	4.500	(0.22)
4/2/2020	4.42	4.420	(0.22)
4/1/2020	4.52	4.520	(0.16)
3/31/2020	4.68	4.680	(0.25)
3/30/2020	4.62	4.610	(0.25)
3/27/2020	4.62	4.600	(0.25)
3/26/2020	4.63	4.600	(0.24)
3/25/2020	4.78	4.750	(0.23)
3/24/2020	4.68	4.650	(0.23)

8/13/2020	8.30	8.160	(0.70)
8/12/2020	8.15	8.000	(0.68)
8/11/2020	8.05	7.930	(0.69)
8/10/2020	8.05	7.930	(0.68)
8/7/2020	8.00	7.880	(0.68)
8/6/2020	8.14	7.940	(0.64)
8/5/2020	8.15	7.950	(0.64)
8/4/2020	8.20	7.980	(0.62)
8/3/2020	8.34	8.120	(0.62)
7/31/2020	8.32	8.060	(0.61)
7/30/2020	8.28	8.020	(0.60)
7/29/2020	8.26	8.010	(0.59)
7/28/2020	8.28	8.050	(0.60)
7/27/2020	8.40	8.150	(0.60)
7/24/2020	8.39	8.130	(0.60)
7/23/2020	8.40	8.140	(0.60)
7/22/2020	8.32	8.080	(0.64)
7/21/2020	8.30	8.060	(0.63)
7/20/2020	8.40	8.150	(0.60)
7/17/2020	8.36	8.100	(0.62)
7/16/2020	8.32	8.060	(0.62)
7/15/2020	8.26	8.000	(0.60)
7/14/2020	8.16	7.920	(0.62)
7/13/2020	8.12	7.900	(0.62)
7/10/2020	8.25	8.050	(0.62)
7/9/2020	8.34	8.140	(0.63)
7/8/2020	8.30	8.100	(0.63)
7/7/2020	8.36	8.140	(0.61)
7/6/2020	8.40	8.180	(0.59)
7/2/2020	8.33	8.100	(0.58)
7/1/2020	8.33	8.120	(0.59)
6/30/2020	8.20	7.960	(0.59)
6/29/2020	8.03	7.770	(0.59)
6/26/2020	8.01	7.770	(0.64)
6/25/2020	8.07	7.830	(0.62)
6/24/2020	8.08	7.830	(0.63)
6/23/2020	8.12	7.870	(0.63)
6/22/2020	8.12	7.900	(0.64)
6/19/2020	8.12	7.920	(0.65)
6/18/2020	8.08	7.870	(0.65)
6/17/2020	8.06	7.870	(0.65)
6/16/2020	8.02	7.830	(0.65)
6/15/2020	8.04	7.860	(0.65)
6/12/2020	8.07	7.900	(0.64)
6/11/2020	8.02	7.860	(0.64)
6/10/2020	8.02	7.860	(0.64)
6/9/2020	8.00	7.860	(0.63)
6/8/2020	8.03	7.880	(0.62)
6/5/2020	8.06	7.900	(0.62)
6/4/2020	8.06	7.870	(0.62)
6/3/2020	7.96	7.760	(0.62)
6/2/2020	7.90	7.710	(0.61)
6/1/2020	7.80	7.630	(0.61)
5/29/2020	7.81	7.630	(0.60)
5/28/2020	7.87	7.670	(0.60)
5/27/2020	7.88	7.670	(0.61)
5/26/2020	7.87	7.670	(0.60)
5/22/2020	7.73	7.570	(0.60)
5/21/2020	7.75	7.570	(0.60)
5/20/2020	7.85	7.650	(0.62)
5/19/2020	7.82	7.610	(0.61)
5/18/2020	7.85	7.640	(0.60)
5/15/2020	7.78	7.570	(0.61)
5/14/2020	7.76	7.550	(0.61)
5/13/2020	7.80	7.570	(0.60)
5/12/2020	7.88	7.680	(0.64)
5/11/2020	7.91	7.700	(0.64)
5/8/2020	7.88	7.670	(0.63)
5/7/2020	7.80	7.600	(0.64)
5/6/2020	7.68	7.490	(0.65)
5/5/2020	7.75	7.560	(0.65)
5/4/2020	7.72	7.560	(0.65)
5/1/2020	7.85	7.650	(0.65)
4/30/2020	7.90	7.680	(0.65)
4/29/2020	7.72	7.550	(0.66)
4/28/2020	7.66	7.500	(0.60)
4/27/2020	7.70	7.500	(0.59)
4/24/2020	7.72	7.500	(0.60)
4/23/2020	7.80	7.570	(0.59)
4/22/2020	7.76	7.560	(0.59)
4/21/2020	7.74	7.570	(0.57)
4/20/2020	7.70	7.550	(0.57)
4/17/2020	7.75	7.610	(0.58)
4/16/2020	7.80	7.640	(0.57)
4/15/2020	7.87	7.700	(0.55)
4/14/2020	7.92	7.750	(0.55)
4/13/2020	8.00	7.800	(0.54)
4/9/2020	8.10	7.850	(0.53)
4/8/2020	8.00	7.770	(0.55)
4/7/2020	8.00	7.760	(0.55)
4/6/2020	8.00	7.740	(0.56)
4/3/2020	8.00	7.710	(0.54)
4/2/2020	8.00	7.730	(0.59)
4/1/2020	8.03	7.730	(0.60)
3/31/2020	8.21	7.870	(0.65)
3/30/2020	8.18	7.840	(0.64)
3/27/2020	8.18	7.860	(0.64)
3/26/2020	8.18	7.880	(0.62)
3/25/2020	8.20	7.880	(0.62)
3/24/2020	8.25	7.850	(0.62)

8/13/2020	3.04	3.000	(0.21)
8/12/2020	2.94	2.880	(0.21)
8/11/2020	2.92	2.850	(0.20)
8/10/2020	2.90	2.840	(0.21)
8/7/2020	2.88	2.820	(0.20)
8/6/2020	2.88	2.860	(0.23)
8/5/2020	2.88	2.860	(0.23)
8/4/2020	2.86	2.840	(0.22)
8/3/2020	2.95	2.920	(0.23)
7/31/2020	2.92	2.900	(0.24)
7/30/2020	2.90	2.900	(0.26)
7/29/2020	2.90	2.900	(0.26)
7/28/2020	2.95	2.950	(0.25)
7/27/2020	3.00	3.000	(0.25)
7/24/2020	3.01	3.000	(0.25)
7/23/2020	3.03	3.000	(0.25)
7/22/2020	3.02	3.000	(0.26)
7/21/2020	2.98	2.950	(0.25)
7/20/2020	3.04	3.000	(0.24)
7/17/2020	3.09	3.040	(0.24)
7/16/2020	3.07	3.020	(0.23)
7/15/2020	3.03	3.000	(0.23)
7/14/2020	3.01	3.000	(0.25)
7/13/2020	3.04	3.020	(0.25)
7/10/2020	3.11	3.100	(0.26)
7/9/2020	3.23	3.220	(0.26)
7/8/2020	3.20	3.200	(0.26)
7/7/2020	3.17	3.180	(0.27)
7/6/2020	3.20	3.230	(0.27)
7/2/2020	3.17	3.200	(0.27)
7/1/2020	3.22	3.250	(0.29)
6/30/2020	3.11	3.140	(0.31)
6/29/2020	3.00	3.000	(0.29)
6/26/2020	2.87	2.900	(0.30)
6/25/2020	2.90	2.920	(0.27)
6/24/2020	2.94	2.970	(0.30)
6/23/2020	2.95	3.000	(0.30)
6/22/2020	2.98	3.030	(0.30)
6/19/2020	3.03	3.060	(0.30)
6/18/2020	3.00	3.040	(0.31)
6/17/2020	3.00	3.040	(0.30)
6/16/2020	3.00	3.040	(0.29)
6/15/2020	3.00	3.030	(0.29)
6/12/2020	3.00	3.050	(0.30)
6/11/2020	3.00	3.050	(0.30)
6/10/2020	2.96	3.030	(0.30)
6/9/2020	2.97	3.050	(0.31)
6/8/2020	3.03	3.090	(0.31)
6/5/2020	3.00	3.070	(0.31)
6/4/2020	2.96	3.050	(0.33)
6/3/2020	2.91	3.000	(0.33)
6/2/2020	2.91	3.000	(0.33)
6/1/2020	2.90	2.970	(0.33)
5/29/2020	2.93	3.000	(0.33)
5/28/2020	2.95	3.020	(0.33)
5/27/2020	2.88	2.960	(0.33)
5/26/2020	2.87	2.960	(0.32)
5/22/2020	2.86	2.950	(0.33)
5/21/2020	2.86	2.950	(0.32)
5/20/2020	2.86	2.950	(0.34)
5/19/2020	2.88	2.950	(0.33)
5/18/2020	2.86	2.940	(0.35)
5/15/2020	2.83	2.920	(0.36)
5/14/2020	2.80	2.920	(0.38)
5/13/2020	2.80	2.930	(0.38)
5/12/2020	2.83	2.960	(0.39)
5/11/2020	2.80	2.950	(0.39)
5/8/2020	2.81	2.960	(0.38)
5/7/2020	2.80	2.940	(0



3/23/2020	4.65	4.620	(0.25)
3/20/2020	4.45	4.410	(0.24)
3/19/2020	4.41	4.380	(0.25)
3/18/2020	4.22	4.200	(0.25)
3/17/2020	4.08	4.070	(0.24)
3/16/2020	4.00	4.000	(0.24)
3/13/2020	4.08	4.060	(0.24)
3/12/2020	4.10	4.080	(0.23)
3/11/2020	4.13	4.110	(0.23)
3/10/2020	4.22	4.220	(0.23)
3/9/2020	4.18	4.180	(0.23)
3/6/2020	4.21	4.210	(0.25)
3/5/2020	4.21	4.210	(0.25)
3/4/2020	4.28	4.280	(0.25)
3/3/2020	4.33	4.330	(0.23)
3/2/2020	4.32	4.320	(0.26)
2/28/2020	4.27	4.280	(0.18)
2/27/2020	4.25	4.270	(0.18)
2/26/2020	4.33	4.350	(0.19)
2/25/2020	4.36	4.370	(0.19)
2/24/2020	4.35	4.350	(0.17)
2/21/2020	4.48	4.520	(0.21)
2/20/2020	4.53	4.580	(0.21)
2/19/2020	4.61	4.640	(0.19)
2/18/2020	4.67	4.700	(0.19)
2/14/2020	4.45	4.470	(0.21)
2/13/2020	4.45	4.470	(0.21)
2/12/2020	4.50	4.510	(0.21)
2/11/2020	4.46	4.480	(0.22)
2/10/2020	4.50	4.500	(0.23)
2/7/2020	4.48	4.470	(0.25)
2/6/2020	4.42	4.430	(0.26)
2/5/2020	4.48	4.480	(0.26)
2/4/2020	4.41	4.420	(0.26)
2/3/2020	4.40	4.420	(0.27)
1/31/2020	4.37	4.410	(0.29)
1/30/2020	4.42	4.470	(0.29)
1/29/2020	4.42	4.470	(0.30)
1/28/2020	4.52	4.570	(0.30)
1/27/2020	4.57	4.620	(0.30)
1/24/2020	4.56	4.610	(0.30)
1/23/2020	4.62	4.670	(0.30)
1/22/2020	4.63	4.670	(0.30)
1/21/2020	4.70	4.750	(0.30)
1/17/2020	4.64	4.700	(0.30)
1/16/2020	4.55	4.600	(0.30)
1/15/2020	4.66	4.710	(0.31)
1/14/2020	4.67	4.720	(0.30)
1/13/2020	4.63	4.680	(0.30)
1/10/2020	4.63	4.700	(0.32)
1/9/2020	4.57	4.670	(0.33)
1/8/2020	4.47	4.550	(0.33)
1/7/2020	4.42	4.500	(0.33)
1/6/2020	4.44	4.520	(0.33)
1/3/2020	4.42	4.500	(0.33)
1/2/2020	4.51	4.600	(0.34)

3/23/2020	8.22	7.820	(0.62)
3/20/2020	8.00	7.700	(0.63)
3/19/2020	7.80	7.580	(0.63)
3/18/2020	7.63	7.520	(0.63)
3/17/2020	7.62	7.530	(0.62)
3/16/2020	7.60	7.55	(0.62)
3/13/2020	7.85	7.750	(0.64)
3/12/2020	7.95	7.820	(0.65)
3/11/2020	8.08	7.950	(0.65)
3/10/2020	8.11	8.000	(0.65)
3/9/2020	8.05	7.930	(0.65)
3/6/2020	8.24	8.120	(0.67)
3/5/2020	8.30	8.150	(0.67)
3/4/2020	8.40	8.230	(0.67)
3/3/2020	8.36	8.250	(0.68)
3/2/2020	8.32	8.240	(0.69)
2/28/2020	8.22	8.150	(0.61)
2/27/2020	8.24	8.200	(0.62)
2/26/2020	8.20	8.200	(0.61)
2/25/2020	8.14	8.170	(0.65)
2/24/2020	8.10	8.130	(0.64)
2/21/2020	8.21	8.260	(0.70)
2/20/2020	8.23	8.260	(0.70)
2/19/2020	8.26	8.320	(0.71)
2/18/2020	8.22	8.300	(0.70)
2/14/2020	8.22	8.300	(0.72)
2/13/2020	8.24	8.300	(0.72)
2/12/2020	8.20	8.270	(0.73)
2/11/2020	8.12	8.225	(0.73)
2/10/2020	8.10	8.250	(0.74)
2/7/2020	8.07	8.250	(0.75)
2/6/2020	8.06	8.270	(0.75)
2/5/2020	8.05	8.270	(0.75)
2/4/2020	8.05	8.250	(0.75)
2/3/2020	8.02	8.240	(0.75)
1/31/2020	7.96	8.200	(0.77)
1/30/2020	8.00	8.230	(0.76)
1/29/2020	8.13	8.360	(0.80)
1/28/2020	8.15	8.360	(0.80)
1/27/2020	8.17	8.400	(0.80)
1/24/2020	8.22	8.440	(0.80)
1/23/2020	8.30	8.520	(0.80)
1/22/2020	8.34	8.550	(0.80)
1/21/2020	8.36	8.560	(0.80)
1/17/2020	8.50	8.650	(0.80)
1/16/2020	8.45	8.610	(0.79)
1/15/2020	8.50	8.640	(0.79)
1/14/2020	8.60	8.750	(0.82)
1/13/2020	8.60	8.750	(0.82)
1/10/2020	8.62	8.800	(0.84)
1/9/2020	8.60	8.760	(0.84)
1/8/2020	8.60	8.800	(0.87)
1/7/2020	8.58	8.770	(0.86)
1/6/2020	8.58	8.770	(0.87)
1/3/2020	8.53	8.740	(0.89)
1/2/2020	8.66	8.830	(0.90)

3/23/2020	3.18	3.280	(0.26)
3/20/2020	3.18	3.280	(0.26)
3/19/2020	3.22	3.280	(0.24)
3/18/2020	3.13	3.230	(0.22)
3/17/2020	3.25	3.280	(0.19)
3/16/2020	3.36	3.340	(0.19)
3/13/2020	3.47	3.400	(0.19)
3/12/2020	3.47	3.400	(0.19)
3/11/2020	3.57	3.450	(0.18)
3/10/2020	3.60	3.500	(0.18)
3/9/2020	3.55	3.450	(0.18)
3/6/2020	3.57	3.500	(0.19)
3/5/2020	3.63	3.520	(0.19)
3/4/2020	3.66	3.540	(0.19)
3/3/2020	3.62	3.540	(0.19)
3/2/2020	3.55	3.500	(0.21)
2/28/2020	3.47	3.450	(0.19)
2/27/2020	3.45	3.450	(0.19)
2/26/2020	3.50	3.500	(0.20)
2/25/2020	3.52	3.500	(0.21)
2/24/2020	3.52	3.500	(0.20)
2/21/2020	3.57	3.520	(0.20)
2/20/2020	3.60	3.560	(0.19)
2/19/2020	3.62	3.580	(0.19)
2/18/2020	3.64	3.600	(0.19)
2/14/2020	3.58	3.550	(0.20)
2/13/2020	3.60	3.580	(0.20)
2/12/2020	3.62	3.580	(0.21)
2/11/2020	3.58	3.560	(0.22)
2/10/2020	3.60	3.580	(0.22)
2/7/2020	3.60	3.580	(0.24)
2/6/2020	3.56	3.540	(0.23)
2/5/2020	3.58	3.570	(0.23)
2/4/2020	3.60	3.570	(0.22)
2/3/2020	3.56	3.540	(0.23)
1/31/2020	3.58	3.540	(0.23)
1/30/2020	3.57	3.540	(0.23)
1/29/2020	3.60	3.570	(0.24)
1/28/2020	3.63	3.600	(0.24)
1/27/2020	3.57	3.570	(0.24)
1/24/2020	3.63	3.600	(0.24)
1/23/2020	3.70	3.650	(0.24)
1/22/2020	3.65	3.640	(0.24)
1/21/2020	3.64	3.650	(0.24)
1/17/2020	3.65	3.650	(0.24)
1/16/2020	3.51	3.570	(0.25)
1/15/2020	3.63	3.660	(0.25)
1/14/2020	3.64	3.680	(0.25)
1/13/2020	3.65	3.690	(0.25)
1/10/2020	3.62	3.670	(0.24)
1/9/2020	3.60	3.650	(0.23)
1/8/2020	3.60	3.660	(0.24)
1/7/2020	3.60	3.650	(0.25)
1/6/2020	3.60	3.650	(0.25)
1/3/2020	3.61	3.650	(0.26)
1/2/2020	3.66	3.680	(0.26)

3/23/2020	3.13	3.050	(0.31)
3/20/2020	3.10	3.040	(0.34)
3/19/2020	3.10	3.020	(0.36)
3/18/2020	2.96	2.950	(0.39)
3/17/2020	3.05	3.000	(0.39)
3/16/2020	3.17	3.050	(0.38)
3/13/2020	3.22	3.100	(0.44)
3/12/2020	3.20	3.100	(0.46)
3/11/2020	3.25	3.140	(0.50)
3/10/2020	3.25	3.150	(0.53)
3/9/2020	3.20	0.310	(0.53)
3/6/2020	3.22	3.140	(0.54)
3/5/2020	3.28	3.160	(0.54)
3/4/2020	3.28	3.160	(0.57)
3/3/2020	3.22	3.150	(0.59)
3/2/2020	3.15	3.100	(0.10)
2/28/2020	3.07	3.050	(0.59)
2/27/2020	3.05	3.050	(0.59)
2/26/2020	3.10	3.100	(0.60)
2/25/2020	3.10	3.100	(0.63)
2/24/2020	3.10	3.100	(0.62)
2/21/2020	3.12	3.130	(0.65)
2/20/2020	3.14	3.160	(0.65)
2/19/2020	3.15	3.180	(0.66)
2/18/2020	3.17	3.200	(0.66)
2/14/2020	3.08	3.170	(0.70)
2/13/2020	3.10	3.200	(0.70)
2/12/2020	3.13	3.200	(0.70)
2/11/2020	3.10	3.200	(0.70)
2/10/2020	3.10	3.200	(0.72)
2/7/2020	3.10	3.200	(0.74)
2/6/2020	3.06	3.160	(0.73)
2/5/2020	3.08	3.200	(0.73)
2/4/2020	3.10	3.200	(0.72)
2/3/2020	3.06	3.160	(0.73)
1/31/2020	3.08	3.160	(0.73)
1/30/2020	3.07	3.160	(0.73)
1/29/2020	3.10	3.210	(0.74)
1/28/2020	3.13	3.240	(0.74)
1/27/2020	3.07	3.220	(0.74)
1/24/2020	3.13	3.250	(0.74)
1/23/2020	3.20	3.300	(0.74)
1/22/2020	3.15	3.290	(0.74)
1/21/2020	3.14	3.300	(0.74)
1/17/2020	3.16	3.300	(0.73)
1/16/2020	3.02	3.210	(0.74)
1/15/2020	3.14	3.300	(0.74)
1/14/2020	3.16	3.310	(0.73)
1/13/2020	3.17	3.320	(0.73)
1/10/2020	3.14	3.300	(0.72)
1/9/2020	3.12	3.280	(0.71)
1/8/2020	3.13	3.280	(0.71)
1/7/2020	3.13	3.270	(0.72)
1/6/2020	3.13	3.270	(0.72)
1/3/2020	3.15	3.270	(0.72)
1/2/2020	3.20	3.300	(0.72)