

Summary of results for the 528 market simulations for 2019-20

Simulation number	Unplanned outage set	Weather year ending 30 June	Energy and demand (as generated)				Spot Price (nominal at the Queensland reference node)					Hedged price (nominal at the Queensland reference node)
			Annual energy - Queensland (GWh)	Peak demand - Queensland (MW)	Annual energy - Energex NSLP (GWh)	Peak demand - Energex NSLP (MW)	Time weighted spot price - Queensland (\$/MWh)	Load weighted spot price - Queensland (total) (\$/MWh)	Number of hours spot prices above \$300	Average of Queensland spot price above \$300 (\$/MWh)	Load weighted spot price - Energex NSLP (\$/MWh)	Hedged price - Energex NSLP (\$/MWh)
1	1	1971	52,861	8,977	6,763	2,251	\$56.65	\$58.97	2	\$0.06	\$63.58	\$89.70
2	1	1972	53,056	9,172	6,603	2,135	\$58.81	\$61.73	5	\$1.17	\$66.31	\$88.12
3	1	1973	53,067	9,590	6,813	2,363	\$69.16	\$77.67	22	\$11.09	\$87.16	\$76.29
4	1	1974	52,983	9,399	6,748	2,363	\$58.05	\$61.14	3	\$0.76	\$65.67	\$88.33
5	1	1975	53,248	9,208	6,715	2,358	\$61.15	\$65.18	16	\$2.87	\$70.72	\$85.77
6	1	1976	52,871	9,208	6,800	2,363	\$61.21	\$65.45	8	\$3.82	\$72.42	\$86.83
7	1	1977	53,095	9,399	6,828	2,601	\$64.76	\$70.33	18	\$6.58	\$79.54	\$84.65
8	1	1978	53,072	9,042	6,891	2,237	\$62.94	\$67.41	15	\$4.87	\$75.08	\$84.51
9	1	1979	53,123	9,590	6,734	2,363	\$59.85	\$63.74	9	\$2.13	\$69.18	\$87.24
10	1	1980	52,793	9,208	6,855	2,358	\$61.25	\$65.86	7	\$4.58	\$73.43	\$86.70
11	1	1981	52,842	9,590	6,727	2,363	\$65.08	\$71.51	12	\$8.20	\$79.81	\$81.12
12	1	1982	52,968	9,399	6,817	2,164	\$60.67	\$64.65	15	\$3.33	\$70.92	\$86.82
13	1	1983	53,028	9,220	6,760	2,451	\$60.35	\$64.02	7	\$2.57	\$70.03	\$88.01
14	1	1984	53,069	9,399	6,769	2,251	\$61.60	\$65.87	14	\$3.63	\$71.65	\$84.64
15	1	1985	53,231	9,399	6,819	2,363	\$59.48	\$62.88	11	\$1.55	\$68.61	\$88.16
16	1	1986	53,132	9,399	6,887	2,363	\$65.60	\$71.65	16	\$7.53	\$84.53	\$87.24
17	1	1987	53,016	9,208	6,869	2,451	\$59.26	\$62.64	6	\$2.04	\$68.55	\$87.28
18	1	1988	52,873	9,590	6,700	2,363	\$62.46	\$67.46	10	\$5.44	\$73.61	\$83.25
19	1	1989	52,999	9,491	6,721	2,363	\$65.62	\$72.03	18	\$8.39	\$81.16	\$82.21
20	1	1990	52,933	9,491	6,868	2,240	\$61.44	\$66.04	14	\$4.17	\$73.03	\$85.48
21	1	1991	52,874	9,309	6,935	2,601	\$63.97	\$69.62	10	\$6.98	\$78.34	\$84.98
22	1	1992	53,291	9,399	6,838	2,363	\$62.19	\$66.40	10	\$3.69	\$73.30	\$86.57
23	1	1993	52,966	9,220	6,701	2,227	\$64.08	\$68.95	10	\$6.44	\$76.13	\$81.73
24	1	1994	53,023	9,208	6,719	2,363	\$62.03	\$66.47	11	\$3.99	\$74.37	\$85.94
25	1	1995	53,207	9,220	6,678	2,363	\$61.47	\$65.46	11	\$3.59	\$72.18	\$86.97
26	1	1996	52,990	9,399	6,758	2,358	\$66.02	\$73.08	23	\$8.61	\$82.43	\$81.15
27	1	1997	53,295	9,590	6,636	2,363	\$67.82	\$75.39	19	\$9.43	\$84.50	\$78.76
28	1	1998	53,099	9,558	6,939	2,857	\$65.44	\$71.16	14	\$7.62	\$79.15	\$81.84
29	1	1999	53,113	9,590	6,637	2,015	\$61.60	\$65.92	11	\$3.85	\$72.55	\$85.72
30	1	2000	53,237	9,235	6,590	2,127	\$69.14	\$77.00	25	\$10.80	\$84.46	\$74.69
31	1	2001	52,788	9,399	6,713	2,251	\$58.39	\$61.77	4	\$2.02	\$67.80	\$89.05
32	1	2002	53,002	9,399	6,881	2,358	\$62.18	\$67.09	16	\$4.57	\$76.07	\$87.29
33	1	2003	52,937	9,399	6,630	2,164	\$60.36	\$64.48	8	\$3.36	\$70.48	\$85.78
34	1	2004	52,980	9,399	6,873	2,361	\$61.60	\$65.80	13	\$3.90	\$73.88	\$86.96
35	1	2005	53,351	9,590	6,797	2,363	\$64.88	\$70.47	17	\$6.25	\$78.86	\$84.04
36	1	2006	53,311	9,491	6,848	2,363	\$63.75	\$68.67	12	\$5.51	\$76.40	\$85.53
37	1	2007	53,087	9,220	6,638	2,363	\$60.74	\$64.87	5	\$2.95	\$70.01	\$85.24
38	1	2008	53,181	9,590	6,628	2,363	\$65.19	\$70.93	15	\$6.58	\$80.42	\$84.96
39	1	2009	53,396	9,590	6,808	2,363	\$67.37	\$74.34	16	\$8.44	\$81.49	\$77.71
40	1	2010	52,935	9,590	6,837	2,451	\$64.90	\$70.68	11	\$7.21	\$79.19	\$82.28
41	1	2011	53,089	9,558	6,755	2,857	\$61.92	\$66.14	5	\$4.02	\$71.59	\$83.22
42	1	2012	53,272	9,399	6,708	2,363	\$65.41	\$71.07	18	\$6.77	\$80.35	\$84.46
43	1	2013	53,041	9,590	6,721	2,240	\$65.88	\$73.05	11	\$8.44	\$78.54	\$76.33
44	1	2014	53,261	9,590	6,673	2,363	\$64.62	\$70.44	17	\$6.69	\$78.29	\$84.31
45	1	2015	52,665	9,220	6,868	2,358	\$58.45	\$61.84	13	\$1.57	\$67.43	\$88.06

46	1	2016	52,672	9,491	6,687	2,458	\$57.16	\$59.97	6	\$0.48	\$65.06	\$90.74
47	1	2017	52,812	9,399	6,953	2,857	\$61.82	\$66.19	14	\$4.32	\$73.49	\$84.17
48	1	2018	53,117	9,590	7,002	2,601	\$64.99	\$71.54	15	\$7.13	\$78.27	\$79.64
49	2	1971	52,861	8,977	6,763	2,251	\$56.68	\$59.00	2	\$0.06	\$63.60	\$89.69
50	2	1972	53,056	9,172	6,603	2,135	\$58.72	\$61.58	4	\$1.06	\$66.14	\$88.30
51	2	1973	53,067	9,590	6,813	2,363	\$68.71	\$77.13	18	\$10.69	\$86.20	\$76.71
52	2	1974	52,983	9,399	6,748	2,363	\$58.08	\$61.15	3	\$0.76	\$65.67	\$88.33
53	2	1975	53,248	9,208	6,715	2,358	\$62.13	\$66.52	19	\$3.77	\$72.54	\$84.65
54	2	1976	52,871	9,208	6,800	2,363	\$61.51	\$65.89	10	\$4.11	\$73.10	\$86.65
55	2	1977	53,095	9,399	6,828	2,601	\$65.64	\$71.61	20	\$7.44	\$81.37	\$83.73
56	2	1978	53,072	9,042	6,891	2,237	\$62.42	\$66.67	14	\$4.36	\$73.93	\$84.96
57	2	1979	53,123	9,590	6,734	2,363	\$60.30	\$64.38	10	\$2.52	\$70.18	\$86.89
58	2	1980	52,793	9,208	6,855	2,358	\$61.14	\$65.69	7	\$4.47	\$73.25	\$86.89
59	2	1981	52,842	9,590	6,727	2,363	\$62.17	\$67.57	8	\$5.39	\$73.88	\$83.85
60	2	1982	52,968	9,399	6,817	2,164	\$60.22	\$64.02	14	\$2.90	\$69.94	\$87.20
61	2	1983	53,028	9,220	6,760	2,451	\$60.33	\$63.99	7	\$2.57	\$69.98	\$88.00
62	2	1984	53,069	9,399	6,769	2,251	\$61.62	\$65.89	14	\$3.63	\$71.66	\$84.64
63	2	1985	53,231	9,399	6,819	2,363	\$59.53	\$62.95	12	\$1.59	\$68.68	\$88.10
64	2	1986	53,132	9,399	6,887	2,363	\$65.58	\$71.62	16	\$7.53	\$84.48	\$87.23
65	2	1987	53,016	9,208	6,869	2,451	\$59.23	\$62.61	6	\$2.04	\$68.51	\$87.28
66	2	1988	52,873	9,590	6,700	2,363	\$63.09	\$68.48	12	\$6.01	\$74.79	\$82.07
67	2	1989	52,999	9,491	6,721	2,363	\$65.63	\$72.03	18	\$8.39	\$81.16	\$82.21
68	2	1990	52,933	9,491	6,868	2,240	\$61.43	\$66.30	13	\$4.22	\$74.02	\$85.88
69	2	1991	52,874	9,309	6,935	2,601	\$63.97	\$69.61	10	\$6.98	\$78.32	\$84.97
70	2	1992	53,291	9,399	6,838	2,363	\$62.36	\$66.65	11	\$3.85	\$73.59	\$86.33
71	2	1993	52,966	9,220	6,701	2,227	\$64.06	\$68.93	10	\$6.44	\$76.08	\$81.72
72	2	1994	53,023	9,208	6,719	2,363	\$61.13	\$65.17	9	\$3.11	\$72.31	\$86.74
73	2	1995	53,207	9,220	6,678	2,363	\$61.48	\$65.46	10	\$3.58	\$72.17	\$86.98
74	2	1996	52,990	9,399	6,758	2,358	\$66.02	\$73.06	22	\$8.61	\$82.35	\$81.09
75	2	1997	53,295	9,590	6,636	2,363	\$67.47	\$74.90	19	\$9.12	\$83.67	\$79.00
76	2	1998	53,099	9,558	6,939	2,857	\$63.91	\$69.09	12	\$6.11	\$76.03	\$82.92
77	2	1999	53,113	9,590	6,637	2,015	\$60.71	\$64.66	10	\$3.00	\$70.50	\$86.51
78	2	2000	53,237	9,235	6,590	2,127	\$69.03	\$76.83	23	\$10.69	\$84.25	\$74.83
79	2	2001	52,788	9,399	6,713	2,251	\$58.41	\$61.80	4	\$2.02	\$67.83	\$89.06
80	2	2002	53,002	9,399	6,881	2,358	\$61.43	\$66.03	15	\$3.86	\$74.54	\$88.03
81	2	2003	52,937	9,399	6,630	2,164	\$60.34	\$64.46	8	\$3.36	\$70.45	\$85.79
82	2	2004	52,980	9,399	6,873	2,361	\$60.96	\$64.89	11	\$3.30	\$72.49	\$87.52
83	2	2005	53,351	9,590	6,797	2,363	\$64.88	\$70.47	17	\$6.25	\$78.86	\$84.04
84	2	2006	53,311	9,491	6,848	2,363	\$63.74	\$68.65	12	\$5.51	\$76.37	\$85.52
85	2	2007	53,087	9,220	6,638	2,363	\$60.72	\$64.85	5	\$2.95	\$69.98	\$85.24
86	2	2008	53,181	9,590	6,628	2,363	\$64.73	\$70.29	13	\$6.20	\$79.43	\$85.34
87	2	2009	53,396	9,590	6,808	2,363	\$66.08	\$72.57	15	\$7.18	\$79.56	\$79.83
88	2	2010	52,935	9,590	6,837	2,451	\$64.81	\$70.58	11	\$7.21	\$79.05	\$82.27
89	2	2011	53,089	9,558	6,755	2,857	\$61.92	\$66.13	5	\$4.02	\$71.57	\$83.22
90	2	2012	53,272	9,399	6,708	2,363	\$65.41	\$71.06	18	\$6.77	\$80.34	\$84.48
91	2	2013	53,041	9,590	6,721	2,240	\$65.92	\$73.09	11	\$8.44	\$78.58	\$76.33
92	2	2014	53,261	9,590	6,673	2,363	\$64.60	\$70.42	17	\$6.69	\$78.25	\$84.31
93	2	2015	52,665	9,220	6,868	2,358	\$58.65	\$62.12	15	\$1.71	\$67.94	\$88.11
94	2	2016	52,672	9,491	6,687	2,458	\$57.17	\$59.97	6	\$0.48	\$65.04	\$90.73
95	2	2017	52,812	9,399	6,953	2,857	\$61.75	\$66.09	13	\$4.27	\$73.34	\$84.20
96	2	2018	53,117	9,590	7,002	2,601	\$65.06	\$71.64	14	\$7.23	\$78.44	\$79.60
97	3	1971	52,861	8,977	6,763	2,251	\$57.05	\$59.53	1	\$0.62	\$64.55	\$89.14
98	3	1972	53,056	9,172	6,603	2,135	\$58.27	\$60.92	2	\$0.64	\$65.42	\$89.09
99	3	1973	53,067	9,590	6,813	2,363	\$64.59	\$70.91	13	\$7.00	\$77.87	\$81.20
100	3	1974	52,983	9,399	6,748	2,363	\$57.82	\$60.87	6	\$0.86	\$65.97	\$88.85
101	3	1975	53,248	9,208	6,715	2,358	\$64.63	\$70.31	18	\$6.55	\$76.51	\$80.00
102	3	1976	52,871	9,208	6,800	2,363	\$59.52	\$63.24	5	\$2.54	\$69.61	\$88.20
103	3	1977	53,095	9,399	6,828	2,601	\$60.90	\$64.89	12	\$3.25	\$72.66	\$88.50
104	3	1978	53,072	9,042	6,891	2,237	\$68.05	\$60.84	6	\$0.61	\$66.21	\$89.17
105	3	1979	53,123	9,590	6,734	2,363	\$62.48	\$67.81	12	\$4.83	\$73.62	\$82.99

106	3	1980	52,793	9,208	6,855	2,358	\$59.20	\$63.01	8	\$2.85	\$69.44	\$88.00
107	3	1981	52,842	9,590	6,727	2,363	\$60.17	\$64.55	7	\$3.59	\$72.12	\$88.19
108	3	1982	52,968	9,399	6,817	2,164	\$58.00	\$61.02	8	\$1.07	\$66.14	\$88.75
109	3	1983	53,028	9,220	6,760	2,451	\$61.43	\$65.68	11	\$3.87	\$72.60	\$86.76
110	3	1984	53,069	9,399	6,769	2,251	\$59.39	\$62.62	18	\$1.49	\$68.00	\$88.12
111	3	1985	53,231	9,399	6,819	2,363	\$60.81	\$64.82	12	\$2.89	\$70.96	\$86.03
112	3	1986	53,132	9,399	6,887	2,363	\$58.84	\$61.91	10	\$0.98	\$67.07	\$88.52
113	3	1987	53,016	9,208	6,869	2,451	\$60.69	\$64.63	10	\$3.64	\$70.86	\$84.59
114	3	1988	52,873	9,590	6,700	2,363	\$60.72	\$65.21	12	\$3.94	\$71.66	\$85.47
115	3	1989	52,999	9,491	6,721	2,363	\$60.85	\$65.16	10	\$3.87	\$72.25	\$86.97
116	3	1990	52,933	9,491	6,868	2,240	\$59.91	\$63.96	13	\$2.94	\$70.92	\$87.27
117	3	1991	52,874	9,309	6,935	2,601	\$60.76	\$65.31	9	\$4.25	\$73.57	\$87.86
118	3	1992	53,291	9,399	6,838	2,363	\$62.94	\$67.47	10	\$4.67	\$74.56	\$84.93
119	3	1993	52,966	9,220	6,701	2,227	\$62.11	\$67.03	7	\$4.93	\$72.17	\$81.97
120	3	1994	53,023	9,208	6,719	2,363	\$58.28	\$61.16	8	\$0.68	\$66.04	\$89.02
121	3	1995	53,207	9,220	6,678	2,363	\$59.08	\$62.15	9	\$1.29	\$67.71	\$89.05
122	3	1996	52,990	9,399	6,758	2,358	\$60.40	\$64.62	19	\$3.11	\$71.25	\$86.68
123	3	1997	53,295	9,590	6,636	2,363	\$69.05	\$77.36	22	\$10.88	\$85.18	\$74.41
124	3	1998	53,099	9,558	6,939	2,857	\$61.27	\$65.27	10	\$3.64	\$71.64	\$86.04
125	3	1999	53,113	9,590	6,637	2,015	\$61.50	\$65.69	13	\$3.69	\$71.43	\$84.77
126	3	2000	53,237	9,235	6,590	2,127	\$68.26	\$75.77	18	\$9.95	\$84.85	\$77.41
127	3	2001	52,788	9,399	6,713	2,251	\$58.90	\$62.42	4	\$2.37	\$68.60	\$88.69
128	3	2002	53,002	9,399	6,881	2,358	\$61.86	\$66.64	10	\$4.44	\$72.00	\$82.46
129	3	2003	52,937	9,399	6,630	2,164	\$59.81	\$63.50	3	\$2.87	\$69.68	\$86.83
130	3	2004	52,980	9,399	6,873	2,361	\$59.09	\$62.33	8	\$1.76	\$67.70	\$87.05
131	3	2005	53,351	9,590	6,797	2,363	\$65.97	\$72.05	16	\$7.47	\$81.33	\$82.26
132	3	2006	53,311	9,491	6,848	2,363	\$60.94	\$64.84	15	\$2.71	\$72.63	\$88.66
133	3	2007	53,087	9,220	6,638	2,363	\$60.67	\$64.70	4	\$3.01	\$72.06	\$88.10
134	3	2008	53,181	9,590	6,628	2,363	\$66.20	\$72.52	17	\$7.84	\$82.22	\$82.81
135	3	2009	53,396	9,590	6,808	2,363	\$65.86	\$72.05	17	\$7.26	\$77.86	\$77.86
136	3	2010	52,935	9,590	6,837	2,451	\$65.00	\$70.94	9	\$7.65	\$79.02	\$80.52
137	3	2011	53,089	9,558	6,755	2,857	\$58.75	\$61.73	7	\$1.08	\$66.36	\$87.89
138	3	2012	53,272	9,399	6,708	2,363	\$65.90	\$71.85	17	\$7.57	\$82.50	\$84.68
139	3	2013	53,041	9,590	6,721	2,240	\$71.59	\$81.46	19	\$13.83	\$88.04	\$68.07
140	3	2014	53,261	9,590	6,673	2,363	\$64.18	\$69.92	17	\$6.33	\$78.61	\$84.67
141	3	2015	52,665	9,220	6,868	2,358	\$57.20	\$60.07	4	\$0.64	\$64.95	\$88.86
142	3	2016	52,672	9,491	6,687	2,458	\$56.59	\$59.14	4	\$0.16	\$64.14	\$91.18
143	3	2017	52,812	9,399	6,953	2,857	\$58.04	\$60.83	4	\$0.63	\$66.09	\$88.49
144	3	2018	53,117	9,590	7,002	2,601	\$63.98	\$70.07	19	\$6.46	\$76.13	\$80.47
145	4	1971	52,861	8,977	6,763	2,251	\$56.49	\$58.71	0	\$0.00	\$63.25	\$89.81
146	4	1972	53,056	9,172	6,603	2,135	\$61.17	\$65.00	9	\$3.08	\$70.18	\$85.06
147	4	1973	53,067	9,590	6,813	2,363	\$65.48	\$71.87	25	\$7.41	\$78.87	\$80.30
148	4	1974	52,983	9,399	6,748	2,363	\$62.49	\$67.67	16	\$5.08	\$75.34	\$84.98
149	4	1975	53,248	9,208	6,715	2,358	\$62.71	\$67.10	15	\$4.46	\$73.67	\$85.22
150	4	1976	52,871	9,208	6,800	2,363	\$59.90	\$63.66	7	\$2.50	\$70.48	\$88.52
151	4	1977	53,095	9,399	6,828	2,601	\$65.86	\$71.48	14	\$7.82	\$80.63	\$82.90
152	4	1978	53,072	9,042	6,891	2,237	\$60.49	\$64.23	13	\$2.66	\$71.31	\$87.32
153	4	1979	53,123	9,590	6,734	2,363	\$61.44	\$65.90	8	\$3.61	\$71.05	\$84.25
154	4	1980	52,793	9,208	6,855	2,358	\$58.44	\$61.79	7	\$1.74	\$67.68	\$88.56
155	4	1981	52,842	9,590	6,727	2,363	\$67.69	\$76.00	23	\$10.74	\$84.75	\$77.34
156	4	1982	52,968	9,399	6,817	2,164	\$57.94	\$60.93	13	\$0.71	\$65.99	\$89.03
157	4	1983	53,028	9,220	6,760	2,451	\$61.61	\$65.84	10	\$3.71	\$72.90	\$87.36
158	4	1984	53,069	9,399	6,769	2,251	\$63.07	\$68.09	19	\$4.90	\$77.59	\$86.41
159	4	1985	53,231	9,399	6,819	2,363	\$59.52	\$62.95	9	\$1.60	\$67.78	\$87.03
160	4	1986	53,132	9,399	6,887	2,363	\$59.95	\$63.47	16	\$1.81	\$69.20	\$88.09
161	4	1987	53,016	9,208	6,869	2,451	\$63.12	\$68.15	16	\$5.79	\$77.27	\$83.86
162	4	1988	52,873	9,590	6,700	2,363	\$59.24	\$62.64	8	\$2.10	\$67.69	\$86.72
163	4	1989	52,999	9,491	6,721	2,363	\$64.63	\$70.72	11	\$7.43	\$78.31	\$80.98
164	4	1990	52,933	9,491	6,868	2,240	\$61.88	\$66.82	21	\$4.35	\$73.77	\$84.54
165	4	1991	52,874	9,309	6,935	2,601	\$61.54	\$66.31	9	\$4.64	\$74.09	\$86.36

166	4	1992	53,291	9,399	6,838	2,363	\$62.99	\$67.55	10	\$4.32	\$75.50	\$86.10
167	4	1993	52,966	9,220	6,701	2,227	\$58.81	\$62.06	5	\$1.37	\$66.87	\$88.00
168	4	1994	53,023	9,208	6,719	2,363	\$62.15	\$66.57	18	\$3.92	\$74.46	\$86.50
169	4	1995	53,207	9,220	6,678	2,363	\$62.36	\$66.94	10	\$4.55	\$75.86	\$87.35
170	4	1996	52,990	9,399	6,758	2,358	\$65.53	\$72.35	16	\$8.15	\$77.88	\$76.92
171	4	1997	53,295	9,590	6,636	2,363	\$67.69	\$75.09	16	\$9.30	\$83.26	\$77.32
172	4	1998	53,099	9,558	6,939	2,857	\$65.90	\$72.01	12	\$8.13	\$80.74	\$81.26
173	4	1999	53,113	9,590	6,637	2,015	\$63.67	\$68.93	18	\$5.56	\$74.79	\$81.10
174	4	2000	53,237	9,235	6,590	2,127	\$69.51	\$77.51	21	\$10.93	\$86.07	\$75.16
175	4	2001	52,788	9,399	6,713	2,251	\$59.35	\$63.10	8	\$2.74	\$70.07	\$88.78
176	4	2002	53,002	9,399	6,881	2,358	\$62.61	\$67.64	18	\$4.63	\$74.05	\$83.36
177	4	2003	52,937	9,399	6,630	2,164	\$60.54	\$64.52	7	\$3.34	\$70.18	\$85.46
178	4	2004	52,980	9,399	6,873	2,361	\$60.51	\$64.38	16	\$2.80	\$71.43	\$87.04
179	4	2005	53,351	9,590	6,797	2,363	\$68.50	\$75.84	20	\$9.93	\$86.71	\$80.41
180	4	2006	53,311	9,491	6,848	2,363	\$64.90	\$70.28	21	\$6.36	\$79.83	\$84.20
181	4	2007	53,087	9,220	6,638	2,363	\$60.51	\$64.43	7	\$2.66	\$69.55	\$85.80
182	4	2008	53,181	9,590	6,628	2,363	\$63.01	\$67.74	14	\$4.45	\$75.91	\$86.81
183	4	2009	53,396	9,590	6,808	2,363	\$67.25	\$74.15	23	\$7.98	\$81.29	\$78.13
184	4	2010	52,935	9,590	6,837	2,451	\$68.41	\$76.32	18	\$10.57	\$85.40	\$77.34
185	4	2011	53,089	9,558	6,755	2,857	\$65.21	\$70.72	19	\$7.08	\$77.86	\$80.02
186	4	2012	53,272	9,399	6,708	2,363	\$63.29	\$67.97	15	\$4.74	\$75.63	\$85.76
187	4	2013	53,041	9,590	6,721	2,240	\$62.90	\$68.26	15	\$5.05	\$73.09	\$81.45
188	4	2014	53,261	9,590	6,673	2,363	\$68.61	\$76.57	24	\$10.56	\$84.96	\$76.48
189	4	2015	52,665	9,220	6,868	2,358	\$62.12	\$66.62	10	\$5.29	\$73.93	\$84.93
190	4	2016	52,672	9,491	6,687	2,458	\$56.43	\$58.90	1	\$0.02	\$63.86	\$91.31
191	4	2017	52,812	9,399	6,953	2,857	\$59.28	\$62.48	5	\$1.64	\$68.13	\$87.03
192	4	2018	53,117	9,590	7,002	2,601	\$69.92	\$78.24	27	\$11.73	\$87.41	\$76.37
193	5	1971	52,861	8,977	6,763	2,251	\$56.54	\$58.77	0	\$0.00	\$63.29	\$89.73
194	5	1972	53,056	9,172	6,603	2,135	\$58.10	\$60.67	4	\$0.45	\$65.10	\$89.45
195	5	1973	53,067	9,590	6,813	2,363	\$64.19	\$70.36	12	\$6.56	\$77.37	\$81.97
196	5	1974	52,983	9,399	6,748	2,363	\$59.04	\$62.67	14	\$1.94	\$68.22	\$87.68
197	5	1975	53,248	9,208	6,715	2,358	\$61.52	\$65.73	12	\$3.48	\$71.64	\$85.30
198	5	1976	52,871	9,208	6,800	2,363	\$60.02	\$63.91	8	\$2.82	\$70.41	\$87.89
199	5	1977	53,095	9,399	6,828	2,601	\$66.50	\$73.01	15	\$8.58	\$83.14	\$82.64
200	5	1978	53,072	9,042	6,891	2,237	\$59.03	\$62.20	4	\$1.53	\$68.33	\$88.49
201	5	1979	53,123	9,590	6,734	2,363	\$69.02	\$77.47	19	\$11.18	\$85.46	\$75.21
202	5	1980	52,793	9,208	6,855	2,358	\$62.66	\$67.98	17	\$6.13	\$78.15	\$86.48
203	5	1981	52,842	9,590	6,727	2,363	\$59.80	\$64.01	10	\$3.16	\$69.26	\$86.08
204	5	1982	52,968	9,399	6,817	2,164	\$60.62	\$64.85	20	\$3.27	\$71.80	\$87.17
205	5	1983	53,028	9,220	6,760	2,451	\$64.39	\$69.87	13	\$6.63	\$78.41	\$84.08
206	5	1984	53,069	9,399	6,769	2,251	\$60.22	\$63.63	16	\$2.24	\$69.69	\$87.93
207	5	1985	53,231	9,399	6,819	2,363	\$61.57	\$65.83	14	\$3.65	\$72.58	\$86.15
208	5	1986	53,132	9,399	6,887	2,363	\$61.69	\$66.12	14	\$3.79	\$74.45	\$88.29
209	5	1987	53,016	9,208	6,869	2,451	\$58.30	\$61.33	6	\$1.27	\$66.64	\$88.10
210	5	1988	52,873	9,590	6,700	2,363	\$58.27	\$61.41	6	\$1.35	\$66.83	\$89.40
211	5	1989	52,999	9,491	6,721	2,363	\$64.42	\$70.25	12	\$7.08	\$78.44	\$82.64
212	5	1990	52,933	9,491	6,868	2,240	\$62.18	\$67.20	20	\$4.92	\$73.35	\$83.89
213	5	1991	52,874	9,309	6,935	2,601	\$64.33	\$70.38	12	\$7.62	\$81.60	\$86.17
214	5	1992	53,291	9,399	6,838	2,363	\$64.09	\$69.10	8	\$5.62	\$76.60	\$84.06
215	5	1993	52,966	9,220	6,701	2,227	\$58.61	\$61.94	2	\$1.50	\$66.73	\$87.76
216	5	1994	53,023	9,208	6,719	2,363	\$62.44	\$67.02	7	\$4.85	\$74.87	\$86.22
217	5	1995	53,207	9,220	6,678	2,363	\$61.16	\$65.11	8	\$3.22	\$71.71	\$87.41
218	5	1996	52,990	9,399	6,758	2,358	\$63.34	\$68.87	20	\$6.01	\$75.33	\$82.23
219	5	1997	53,295	9,590	6,636	2,363	\$74.33	\$85.18	30	\$15.61	\$95.90	\$69.80
220	5	1998	53,099	9,558	6,939	2,857	\$62.40	\$67.02	8	\$4.82	\$74.31	\$85.29
221	5	1999	53,113	9,590	6,637	2,015	\$66.16	\$72.64	13	\$8.29	\$80.15	\$79.71
222	5	2000	53,237	9,235	6,590	2,127	\$66.89	\$73.80	25	\$8.26	\$81.26	\$78.64
223	5	2001	52,788	9,399	6,713	2,251	\$59.48	\$63.37	15	\$2.81	\$69.80	\$88.43
224	5	2002	53,002	9,399	6,881	2,358	\$62.90	\$68.11	16	\$5.28	\$75.03	\$82.69
225	5	2003	52,937	9,399	6,630	2,164	\$60.82	\$64.99	12	\$3.76	\$71.43	\$85.54

226	5	2004	52,980	9,399	6,873	2,361	\$60.76	\$64.72	6	\$3.53	\$72.11	\$86.07
227	5	2005	53,351	9,590	6,797	2,363	\$68.33	\$75.71	22	\$9.68	\$85.77	\$80.22
228	5	2006	53,311	9,491	6,848	2,363	\$64.40	\$69.64	13	\$6.21	\$79.77	\$86.30
229	5	2007	53,087	9,220	6,638	2,363	\$59.66	\$63.22	6	\$2.02	\$68.69	\$87.53
230	5	2008	53,181	9,590	6,628	2,363	\$67.46	\$74.56	22	\$8.89	\$86.03	\$83.24
231	5	2009	53,396	9,590	6,808	2,363	\$66.42	\$72.65	16	\$7.62	\$82.67	\$82.65
232	5	2010	52,935	9,590	6,837	2,451	\$64.68	\$70.74	21	\$6.98	\$77.40	\$80.34
233	5	2011	53,089	9,558	6,755	2,857	\$58.97	\$61.91	6	\$1.23	\$66.73	\$87.88
234	5	2012	53,272	9,399	6,708	2,363	\$67.41	\$74.03	25	\$8.85	\$86.45	\$85.00
235	5	2013	53,041	9,590	6,721	2,240	\$66.26	\$73.43	13	\$8.71	\$78.75	\$75.68
236	5	2014	53,261	9,590	6,673	2,363	\$64.47	\$70.33	20	\$6.51	\$79.12	\$85.08
237	5	2015	52,665	9,220	6,868	2,358	\$57.16	\$59.99	8	\$0.53	\$64.94	\$89.07
238	5	2016	52,672	9,491	6,687	2,458	\$56.45	\$58.94	2	\$0.06	\$63.90	\$91.25
239	5	2017	52,812	9,399	6,953	2,857	\$57.94	\$60.74	9	\$0.61	\$66.00	\$88.67
240	5	2018	53,117	9,590	7,002	2,601	\$61.62	\$66.59	19	\$4.02	\$72.50	\$83.43
241	6	1971	52,861	8,977	6,763	2,251	\$57.12	\$59.63	1	\$0.76	\$64.27	\$88.56
242	6	1972	53,056	9,172	6,603	2,135	\$59.20	\$62.50	6	\$1.72	\$67.12	\$87.30
243	6	1973	53,067	9,590	6,813	2,363	\$61.63	\$66.47	14	\$4.08	\$73.11	\$85.73
244	6	1974	52,983	9,399	6,748	2,363	\$59.98	\$64.29	14	\$3.11	\$71.10	\$86.80
245	6	1975	53,248	9,208	6,715	2,358	\$62.70	\$67.19	17	\$4.59	\$73.34	\$83.70
246	6	1976	52,871	9,208	6,800	2,363	\$58.27	\$61.45	3	\$1.40	\$66.86	\$88.78
247	6	1977	53,095	9,399	6,828	2,601	\$62.13	\$66.65	13	\$4.45	\$73.85	\$86.75
248	6	1978	53,072	9,042	6,891	2,237	\$58.12	\$60.96	8	\$0.62	\$66.41	\$89.30
249	6	1979	53,123	9,590	6,734	2,363	\$61.51	\$66.00	11	\$3.97	\$73.19	\$85.61
250	6	1980	52,793	9,208	6,855	2,358	\$60.56	\$65.07	8	\$4.26	\$72.67	\$87.48
251	6	1981	52,842	9,590	6,727	2,363	\$65.37	\$72.47	15	\$8.70	\$79.46	\$79.35
252	6	1982	52,968	9,399	6,817	2,164	\$58.86	\$62.25	10	\$1.99	\$68.00	\$87.53
253	6	1983	53,028	9,220	6,760	2,451	\$61.31	\$65.67	7	\$3.89	\$73.41	\$86.86
254	6	1984	53,069	9,399	6,769	2,251	\$59.95	\$63.62	13	\$2.44	\$69.54	\$86.98
255	6	1985	53,231	9,399	6,819	2,363	\$61.52	\$65.84	10	\$3.68	\$74.09	\$86.75
256	6	1986	53,132	9,399	6,887	2,363	\$59.43	\$62.91	11	\$1.71	\$68.51	\$88.19
257	6	1987	53,016	9,208	6,869	2,451	\$58.42	\$61.55	6	\$1.50	\$67.21	\$87.89
258	6	1988	52,873	9,590	6,700	2,363	\$61.66	\$66.63	12	\$4.75	\$72.22	\$82.88
259	6	1989	52,999	9,491	6,721	2,363	\$61.11	\$65.75	8	\$4.43	\$73.60	\$87.08
260	6	1990	52,933	9,491	6,868	2,240	\$62.88	\$68.21	18	\$5.79	\$75.39	\$83.15
261	6	1991	52,874	9,309	6,935	2,601	\$63.89	\$69.74	12	\$7.03	\$79.83	\$86.01
262	6	1992	53,291	9,399	6,838	2,363	\$63.41	\$68.32	16	\$5.15	\$76.68	\$85.96
263	6	1993	52,966	9,220	6,701	2,227	\$58.92	\$62.26	10	\$1.53	\$67.32	\$87.99
264	6	1994	53,023	9,208	6,719	2,363	\$59.13	\$62.41	7	\$1.45	\$68.23	\$88.54
265	6	1995	53,207	9,220	6,678	2,363	\$58.19	\$61.03	4	\$0.85	\$65.89	\$88.82
266	6	1996	52,990	9,399	6,758	2,358	\$66.48	\$73.90	29	\$9.12	\$80.89	\$77.02
267	6	1997	53,295	9,590	6,636	2,363	\$67.50	\$75.07	14	\$9.58	\$84.13	\$78.41
268	6	1998	53,099	9,558	6,939	2,857	\$62.64	\$67.62	9	\$5.19	\$73.77	\$82.68
269	6	1999	53,113	9,590	6,637	2,015	\$60.41	\$64.20	12	\$2.74	\$69.54	\$86.83
270	6	2000	53,237	9,235	6,590	2,127	\$69.69	\$78.16	35	\$11.31	\$86.10	\$73.62
271	6	2001	52,788	9,399	6,713	2,251	\$57.63	\$60.68	4	\$1.30	\$66.26	\$89.60
272	6	2002	53,002	9,399	6,881	2,358	\$60.83	\$65.22	16	\$3.46	\$71.11	\$84.85
273	6	2003	52,937	9,399	6,630	2,164	\$60.14	\$64.10	6	\$3.33	\$69.49	\$85.42
274	6	2004	52,980	9,399	6,873	2,361	\$60.13	\$63.79	9	\$2.82	\$70.34	\$87.17
275	6	2005	53,351	9,590	6,797	2,363	\$68.45	\$75.60	18	\$10.05	\$88.15	\$81.33
276	6	2006	53,311	9,491	6,848	2,363	\$63.69	\$68.80	18	\$5.65	\$78.30	\$86.25
277	6	2007	53,087	9,220	6,638	2,363	\$59.60	\$63.19	3	\$2.02	\$69.52	\$88.59
278	6	2008	53,181	9,590	6,628	2,363	\$63.40	\$68.40	18	\$4.99	\$76.94	\$86.27
279	6	2009	53,396	9,590	6,808	2,363	\$66.18	\$72.44	20	\$7.54	\$80.17	\$79.63
280	6	2010	52,935	9,590	6,837	2,451	\$65.06	\$71.31	14	\$7.66	\$79.82	\$81.53
281	6	2011	53,089	9,558	6,755	2,857	\$59.84	\$63.12	8	\$2.09	\$68.26	\$86.33
282	6	2012	53,272	9,399	6,708	2,363	\$64.92	\$70.51	17	\$6.76	\$80.78	\$85.05
283	6	2013	53,041	9,590	6,721	2,240	\$65.65	\$72.75	14	\$8.22	\$78.33	\$76.88
284	6	2014	53,261	9,590	6,673	2,363	\$69.69	\$78.37	20	\$12.07	\$88.38	\$76.98
285	6	2015	52,665	9,220	6,868	2,358	\$60.96	\$65.36	11	\$4.31	\$72.25	\$85.13

286	6	2016	52,672	9,491	6,687	2,458	\$56.68	\$59.45	3	\$0.51	\$64.56	\$90.92
287	6	2017	52,812	9,399	6,953	2,857	\$57.87	\$60.66	6	\$0.72	\$65.80	\$88.21
288	6	2018	53,117	9,590	7,002	2,601	\$64.69	\$71.08	17	\$7.19	\$78.56	\$80.23
289	7	1971	52,861	8,977	6,763	2,251	\$57.54	\$60.14	2	\$0.87	\$65.17	\$88.63
290	7	1972	53,056	9,172	6,603	2,135	\$61.97	\$66.14	6	\$4.16	\$71.74	\$83.44
291	7	1973	53,067	9,590	6,813	2,363	\$58.83	\$62.05	8	\$0.91	\$67.07	\$88.45
292	7	1974	52,983	9,399	6,748	2,363	\$61.31	\$66.00	8	\$3.92	\$73.44	\$86.33
293	7	1975	53,248	9,208	6,715	2,358	\$65.34	\$71.20	14	\$7.05	\$79.76	\$81.15
294	7	1976	52,871	9,208	6,800	2,363	\$59.80	\$63.49	5	\$2.52	\$69.86	\$87.68
295	7	1977	53,095	9,399	6,828	2,601	\$64.51	\$69.88	14	\$6.58	\$79.04	\$85.01
296	7	1978	53,072	9,042	6,891	2,237	\$60.08	\$63.65	12	\$2.23	\$70.39	\$87.66
297	7	1979	53,123	9,590	6,734	2,363	\$62.01	\$66.75	13	\$4.04	\$73.21	\$85.34
298	7	1980	52,793	9,208	6,855	2,358	\$63.59	\$69.27	12	\$7.05	\$79.10	\$84.73
299	7	1981	52,842	9,590	6,727	2,363	\$60.82	\$65.60	12	\$4.04	\$71.46	\$85.29
300	7	1982	52,968	9,399	6,817	2,164	\$58.06	\$61.04	6	\$0.83	\$66.09	\$88.69
301	7	1983	53,028	9,220	6,760	2,451	\$62.24	\$66.84	11	\$4.29	\$73.85	\$85.14
302	7	1984	53,069	9,399	6,769	2,251	\$62.29	\$66.70	14	\$4.41	\$74.64	\$85.12
303	7	1985	53,231	9,399	6,819	2,363	\$60.75	\$64.71	12	\$2.85	\$71.03	\$86.50
304	7	1986	53,132	9,399	6,887	2,363	\$60.26	\$63.94	9	\$2.16	\$70.72	\$88.80
305	7	1987	53,016	9,208	6,869	2,451	\$62.61	\$67.40	9	\$5.41	\$75.36	\$83.31
306	7	1988	52,873	9,590	6,700	2,363	\$64.04	\$69.80	16	\$6.73	\$78.35	\$83.33
307	7	1989	52,999	9,491	6,721	2,363	\$60.40	\$64.36	11	\$3.25	\$71.34	\$87.61
308	7	1990	52,933	9,491	6,868	2,240	\$62.93	\$68.22	15	\$5.67	\$75.76	\$82.71
309	7	1991	52,874	9,309	6,935	2,601	\$61.98	\$66.78	11	\$4.89	\$74.73	\$86.59
310	7	1992	53,291	9,399	6,838	2,363	\$59.65	\$62.62	8	\$0.95	\$67.76	\$88.28
311	7	1993	52,966	9,220	6,701	2,227	\$60.47	\$64.52	3	\$2.98	\$69.55	\$85.26
312	7	1994	53,023	9,208	6,719	2,363	\$63.59	\$68.58	17	\$5.49	\$77.86	\$85.59
313	7	1995	53,207	9,220	6,678	2,363	\$63.23	\$67.95	17	\$5.20	\$76.19	\$86.33
314	7	1996	52,990	9,399	6,758	2,358	\$62.31	\$67.44	12	\$4.93	\$73.68	\$83.03
315	7	1997	53,295	9,590	6,636	2,363	\$68.81	\$76.81	24	\$10.27	\$83.97	\$74.74
316	7	1998	53,099	9,558	6,939	2,857	\$60.90	\$64.89	10	\$3.15	\$70.44	\$85.31
317	7	1999	53,113	9,590	6,637	2,015	\$60.76	\$64.79	8	\$2.96	\$70.25	\$85.48
318	7	2000	53,237	9,235	6,590	2,127	\$71.38	\$80.12	21	\$12.71	\$87.87	\$70.04
319	7	2001	52,788	9,399	6,713	2,251	\$58.09	\$61.01	4	\$1.43	\$66.36	\$88.28
320	7	2002	53,002	9,399	6,881	2,358	\$64.36	\$69.95	17	\$6.59	\$77.21	\$80.53
321	7	2003	52,937	9,399	6,630	2,164	\$58.29	\$61.25	3	\$1.31	\$67.01	\$89.16
322	7	2004	52,980	9,399	6,873	2,361	\$61.74	\$65.89	10	\$4.06	\$73.15	\$85.56
323	7	2005	53,351	9,590	6,797	2,363	\$63.96	\$69.08	13	\$5.42	\$77.80	\$84.86
324	7	2006	53,311	9,491	6,848	2,363	\$60.40	\$63.97	8	\$2.12	\$70.24	\$88.13
325	7	2007	53,087	9,220	6,638	2,363	\$63.04	\$68.08	10	\$5.11	\$74.95	\$83.17
326	7	2008	53,181	9,590	6,628	2,363	\$64.56	\$70.09	21	\$5.92	\$78.16	\$84.02
327	7	2009	53,396	9,590	6,808	2,363	\$68.00	\$75.28	21	\$9.00	\$84.00	\$78.73
328	7	2010	52,935	9,590	6,837	2,451	\$69.06	\$76.77	17	\$11.33	\$87.31	\$77.54
329	7	2011	53,089	9,558	6,755	2,857	\$60.73	\$64.37	7	\$2.90	\$69.73	\$85.14
330	7	2012	53,272	9,399	6,708	2,363	\$69.11	\$76.50	22	\$10.46	\$92.04	\$85.46
331	7	2013	53,041	9,590	6,721	2,240	\$67.85	\$75.61	19	\$9.91	\$82.42	\$75.52
332	7	2014	53,261	9,590	6,673	2,363	\$66.62	\$73.54	15	\$8.89	\$81.36	\$80.27
333	7	2015	52,665	9,220	6,868	2,358	\$62.74	\$67.97	10	\$5.86	\$76.68	\$83.61
334	7	2016	52,672	9,491	6,687	2,458	\$56.63	\$59.21	5	\$0.18	\$64.22	\$91.16
335	7	2017	52,812	9,399	6,953	2,857	\$57.70	\$60.30	3	\$0.29	\$65.03	\$88.56
336	7	2018	53,117	9,590	7,002	2,601	\$64.89	\$70.99	21	\$7.04	\$77.06	\$78.91
337	8	1971	52,861	8,977	6,763	2,251	\$60.21	\$63.70	3	\$3.42	\$69.71	\$84.87
338	8	1972	53,056	9,172	6,603	2,135	\$60.47	\$64.10	6	\$2.57	\$69.03	\$85.93
339	8	1973	53,067	9,590	6,813	2,363	\$64.47	\$70.74	15	\$6.68	\$78.52	\$82.45
340	8	1974	52,983	9,399	6,748	2,363	\$61.06	\$65.59	11	\$3.74	\$73.36	\$87.24
341	8	1975	53,248	9,208	6,715	2,358	\$63.12	\$67.85	17	\$4.71	\$74.52	\$84.29
342	8	1976	52,871	9,208	6,800	2,363	\$61.46	\$65.96	11	\$4.18	\$74.81	\$88.20
343	8	1977	53,095	9,399	6,828	2,601	\$63.99	\$69.05	15	\$6.16	\$77.27	\$84.70
344	8	1978	53,072	9,042	6,891	2,237	\$60.08	\$60.78	3	\$0.45	\$66.11	\$89.37
345	8	1979	53,123	9,590	6,734	2,363	\$61.23	\$65.53	12	\$3.30	\$72.18	\$86.18

346	8	1980	52,793	9,208	6,855	2,358	\$59.49	\$63.34	10	\$2.88	\$69.96	\$87.96
347	8	1981	52,842	9,590	6,727	2,363	\$62.83	\$68.58	15	\$5.98	\$77.48	\$85.75
348	8	1982	52,968	9,399	6,817	2,164	\$61.77	\$66.38	16	\$4.28	\$73.78	\$86.38
349	8	1983	53,028	9,220	6,760	2,451	\$59.97	\$63.59	9	\$2.24	\$69.68	\$88.33
350	8	1984	53,069	9,399	6,769	2,251	\$60.42	\$64.12	15	\$2.48	\$69.73	\$86.65
351	8	1985	53,231	9,399	6,819	2,363	\$64.93	\$70.46	15	\$6.94	\$79.19	\$83.35
352	8	1986	53,132	9,399	6,887	2,363	\$65.90	\$71.91	13	\$7.79	\$83.84	\$86.50
353	8	1987	53,016	9,208	6,869	2,451	\$58.37	\$61.34	4	\$1.31	\$66.17	\$87.36
354	8	1988	52,873	9,590	6,700	2,363	\$63.70	\$69.25	20	\$6.30	\$77.93	\$84.49
355	8	1989	52,999	9,491	6,721	2,363	\$61.72	\$66.44	12	\$4.49	\$74.73	\$87.72
356	8	1990	52,933	9,491	6,868	2,240	\$62.80	\$67.72	17	\$5.47	\$76.03	\$83.74
357	8	1991	52,874	9,309	6,935	2,601	\$59.43	\$63.17	8	\$2.40	\$70.39	\$88.97
358	8	1992	53,291	9,399	6,838	2,363	\$65.02	\$70.41	10	\$6.26	\$78.75	\$83.74
359	8	1993	52,966	9,220	6,701	2,227	\$58.88	\$62.19	2	\$1.44	\$66.95	\$87.72
360	8	1994	53,023	9,208	6,719	2,363	\$58.87	\$61.97	8	\$0.97	\$67.23	\$89.02
361	8	1995	53,207	9,220	6,678	2,363	\$62.32	\$66.79	12	\$4.35	\$75.93	\$88.51
362	8	1996	52,990	9,399	6,758	2,358	\$63.17	\$68.65	24	\$5.62	\$75.54	\$82.62
363	8	1997	53,295	9,590	6,636	2,363	\$62.33	\$67.00	15	\$4.06	\$73.80	\$85.41
364	8	1998	53,099	9,558	6,939	2,857	\$60.52	\$64.26	6	\$2.70	\$70.51	\$86.90
365	8	1999	53,113	9,590	6,637	2,015	\$61.56	\$65.98	9	\$3.40	\$71.36	\$84.77
366	8	2000	53,237	9,235	6,590	2,127	\$68.69	\$76.35	26	\$9.98	\$85.17	\$76.86
367	8	2001	52,788	9,399	6,713	2,251	\$61.05	\$65.45	12	\$4.31	\$72.59	\$86.73
368	8	2002	53,002	9,399	6,881	2,358	\$62.47	\$67.44	18	\$4.61	\$73.84	\$83.24
369	8	2003	52,937	9,399	6,630	2,164	\$60.59	\$64.57	13	\$3.37	\$71.44	\$86.61
370	8	2004	52,980	9,399	6,873	2,361	\$60.32	\$63.87	11	\$2.83	\$70.18	\$88.09
371	8	2005	53,351	9,590	6,797	2,363	\$71.76	\$80.17	25	\$13.02	\$94.97	\$82.28
372	8	2006	53,311	9,491	6,848	2,363	\$59.53	\$62.75	12	\$1.15	\$68.60	\$88.78
373	8	2007	53,087	9,220	6,638	2,363	\$65.69	\$72.05	13	\$7.73	\$80.11	\$80.15
374	8	2008	53,181	9,590	6,628	2,363	\$67.66	\$74.36	19	\$9.01	\$84.78	\$82.23
375	8	2009	53,396	9,590	6,808	2,363	\$67.72	\$74.63	19	\$9.02	\$83.03	\$78.40
376	8	2010	52,935	9,590	6,837	2,451	\$63.45	\$68.78	12	\$5.67	\$76.98	\$84.94
377	8	2011	53,089	9,558	6,755	2,857	\$59.49	\$62.77	5	\$1.69	\$67.80	\$87.22
378	8	2012	53,272	9,399	6,708	2,363	\$70.72	\$78.92	18	\$12.16	\$94.50	\$83.55
379	8	2013	53,041	9,590	6,721	2,240	\$64.06	\$69.80	15	\$6.37	\$75.89	\$80.21
380	8	2014	53,261	9,590	6,673	2,363	\$68.15	\$75.79	28	\$9.83	\$86.16	\$80.98
381	8	2015	52,665	9,220	6,868	2,358	\$59.20	\$62.79	8	\$2.50	\$68.30	\$86.82
382	8	2016	52,672	9,491	6,687	2,458	\$57.50	\$60.45	4	\$1.03	\$65.99	\$90.88
383	8	2017	52,812	9,399	6,953	2,857	\$58.89	\$61.94	2	\$1.47	\$67.72	\$87.53
384	8	2018	53,117	9,590	7,002	2,601	\$72.14	\$81.71	23	\$14.33	\$92.35	\$74.15
385	9	1971	52,861	8,977	6,763	2,251	\$57.79	\$60.45	3	\$1.34	\$65.46	\$88.59
386	9	1972	53,056	9,172	6,603	2,135	\$58.38	\$61.14	4	\$0.66	\$65.42	\$88.75
387	9	1973	53,067	9,590	6,813	2,363	\$63.85	\$69.39	17	\$5.93	\$78.92	\$86.12
388	9	1974	52,983	9,399	6,748	2,363	\$59.42	\$63.26	7	\$2.27	\$68.67	\$86.68
389	9	1975	53,248	9,208	6,715	2,358	\$63.14	\$67.82	18	\$4.89	\$75.04	\$83.68
390	9	1976	52,871	9,208	6,800	2,363	\$62.83	\$67.87	10	\$5.55	\$77.46	\$87.35
391	9	1977	53,095	9,399	6,828	2,601	\$62.11	\$66.46	18	\$4.13	\$73.05	\$85.79
392	9	1978	53,072	9,042	6,891	2,237	\$58.39	\$61.35	9	\$0.80	\$67.07	\$89.18
393	9	1979	53,123	9,590	6,734	2,363	\$64.17	\$69.79	19	\$6.28	\$76.21	\$80.95
394	9	1980	52,793	9,208	6,855	2,358	\$59.05	\$62.73	10	\$2.47	\$68.96	\$88.31
395	9	1981	52,842	9,590	6,727	2,363	\$65.17	\$71.73	15	\$8.40	\$78.61	\$80.24
396	9	1982	52,968	9,399	6,817	2,164	\$58.08	\$61.12	10	\$0.94	\$66.19	\$88.83
397	9	1983	53,028	9,220	6,760	2,451	\$62.36	\$66.86	9	\$4.81	\$74.46	\$86.17
398	9	1984	53,069	9,399	6,769	2,251	\$61.97	\$66.51	15	\$4.03	\$75.36	\$87.18
399	9	1985	53,231	9,399	6,819	2,363	\$62.95	\$67.96	15	\$5.04	\$75.54	\$83.76
400	9	1986	53,132	9,399	6,887	2,363	\$59.98	\$63.58	15	\$1.95	\$69.82	\$88.18
401	9	1987	53,016	9,208	6,869	2,451	\$59.68	\$63.21	8	\$2.73	\$68.99	\$86.24
402	9	1988	52,873	9,590	6,700	2,363	\$60.26	\$64.17	5	\$3.30	\$70.80	\$86.91
403	9	1989	52,999	9,491	6,721	2,363	\$62.68	\$67.71	11	\$5.62	\$77.40	\$87.54
404	9	1990	52,933	9,491	6,868	2,240	\$59.04	\$62.65	6	\$2.18	\$69.25	\$87.54
405	9	1991	52,874	9,309	6,935	2,601	\$62.85	\$68.17	13	\$6.02	\$77.68	\$86.90

406	9	1992	53,291	9,399	6,838	2,363	\$64.20	\$69.21	15	\$5.61	\$78.10	\$85.53
407	9	1993	52,966	9,220	6,701	2,227	\$58.78	\$61.97	9	\$1.43	\$67.29	\$88.83
408	9	1994	53,023	9,208	6,719	2,363	\$61.96	\$66.32	16	\$4.12	\$74.65	\$87.39
409	9	1995	53,207	9,220	6,678	2,363	\$60.27	\$63.82	6	\$2.54	\$70.20	\$87.78
410	9	1996	52,990	9,399	6,758	2,358	\$67.41	\$74.91	23	\$9.98	\$83.46	\$77.73
411	9	1997	53,295	9,590	6,636	2,363	\$60.53	\$64.49	12	\$2.33	\$70.40	\$87.26
412	9	1998	53,099	9,558	6,939	2,857	\$60.23	\$63.94	5	\$2.57	\$69.61	\$86.23
413	9	1999	53,113	9,590	6,637	2,015	\$61.97	\$66.31	9	\$4.07	\$72.38	\$84.62
414	9	2000	53,237	9,235	6,590	2,127	\$71.01	\$79.82	26	\$12.55	\$88.72	\$73.19
415	9	2001	52,788	9,399	6,713	2,251	\$60.33	\$64.40	8	\$3.62	\$71.32	\$87.67
416	9	2002	53,002	9,399	6,881	2,358	\$60.55	\$64.73	14	\$3.09	\$70.64	\$85.38
417	9	2003	52,937	9,399	6,630	2,164	\$60.59	\$64.66	10	\$3.55	\$71.67	\$86.26
418	9	2004	52,980	9,399	6,873	2,361	\$60.85	\$64.69	5	\$3.28	\$70.75	\$85.11
419	9	2005	53,351	9,590	6,797	2,363	\$67.97	\$74.78	16	\$9.38	\$87.35	\$83.68
420	9	2006	53,311	9,491	6,848	2,363	\$59.28	\$62.39	10	\$1.02	\$68.03	\$88.62
421	9	2007	53,087	9,220	6,638	2,363	\$64.64	\$70.59	12	\$6.78	\$77.25	\$79.83
422	9	2008	53,181	9,590	6,628	2,363	\$64.08	\$69.17	21	\$5.60	\$77.65	\$85.31
423	9	2009	53,396	9,590	6,808	2,363	\$63.83	\$68.51	18	\$4.92	\$75.19	\$83.91
424	9	2010	52,935	9,590	6,837	2,451	\$64.06	\$69.82	13	\$6.60	\$77.38	\$81.76
425	9	2011	53,089	9,558	6,755	2,857	\$63.49	\$68.70	12	\$5.49	\$73.77	\$80.59
426	9	2012	53,272	9,399	6,708	2,363	\$63.81	\$68.64	15	\$5.44	\$77.10	\$85.59
427	9	2013	53,041	9,590	6,721	2,240	\$63.94	\$69.62	13	\$6.49	\$75.97	\$80.63
428	9	2014	53,261	9,590	6,673	2,363	\$65.35	\$71.87	19	\$7.51	\$81.54	\$84.28
429	9	2015	52,665	9,220	6,868	2,358	\$58.10	\$61.22	6	\$1.36	\$66.43	\$88.19
430	9	2016	52,672	9,491	6,687	2,458	\$58.10	\$61.23	3	\$1.70	\$66.99	\$89.69
431	9	2017	52,812	9,399	6,953	2,857	\$58.70	\$61.84	6	\$1.25	\$67.59	\$87.91
432	9	2018	53,117	9,590	7,002	2,601	\$64.65	\$70.78	15	\$7.03	\$78.01	\$79.64
433	10	1971	52,861	8,977	6,763	2,251	\$56.89	\$59.14	0	\$0.00	\$63.70	\$89.64
434	10	1972	53,056	9,172	6,603	2,135	\$60.35	\$63.97	5	\$2.40	\$68.73	\$86.16
435	10	1973	53,067	9,590	6,813	2,363	\$64.77	\$71.31	12	\$6.88	\$76.99	\$79.23
436	10	1974	52,983	9,399	6,748	2,363	\$59.44	\$63.14	10	\$2.04	\$69.01	\$87.78
437	10	1975	53,248	9,208	6,715	2,358	\$63.43	\$68.40	10	\$5.30	\$77.33	\$85.89
438	10	1976	52,871	9,208	6,800	2,363	\$58.79	\$62.07	4	\$1.57	\$68.73	\$89.77
439	10	1977	53,095	9,399	6,828	2,601	\$64.09	\$69.30	13	\$5.99	\$77.69	\$84.23
440	10	1978	53,072	9,042	6,891	2,237	\$58.28	\$61.13	6	\$0.66	\$66.55	\$89.11
441	10	1979	53,123	9,590	6,734	2,363	\$69.52	\$78.04	21	\$11.29	\$85.11	\$72.98
442	10	1980	52,793	9,208	6,855	2,358	\$59.59	\$63.53	7	\$3.21	\$69.71	\$86.85
443	10	1981	52,842	9,590	6,727	2,363	\$61.64	\$66.93	14	\$4.72	\$72.91	\$84.10
444	10	1982	52,968	9,399	6,817	2,164	\$58.10	\$61.11	12	\$0.80	\$66.29	\$89.06
445	10	1983	53,028	9,220	6,760	2,451	\$59.86	\$63.43	6	\$2.10	\$69.53	\$88.24
446	10	1984	53,069	9,399	6,769	2,251	\$59.72	\$63.04	11	\$1.79	\$69.24	\$88.19
447	10	1985	53,231	9,399	6,819	2,363	\$60.47	\$64.25	9	\$2.72	\$70.68	\$87.23
448	10	1986	53,132	9,399	6,887	2,363	\$60.23	\$63.91	10	\$2.19	\$69.38	\$87.42
449	10	1987	53,016	9,208	6,869	2,451	\$62.87	\$68.06	8	\$5.66	\$79.67	\$88.68
450	10	1988	52,873	9,590	6,700	2,363	\$59.35	\$62.79	6	\$2.53	\$68.37	\$87.65
451	10	1989	52,999	9,491	6,721	2,363	\$59.52	\$63.14	7	\$2.34	\$69.15	\$87.62
452	10	1990	52,933	9,491	6,868	2,240	\$59.76	\$63.68	12	\$2.38	\$69.42	\$86.66
453	10	1991	52,874	9,309	6,935	2,601	\$59.87	\$63.75	7	\$2.89	\$70.38	\$87.67
454	10	1992	53,291	9,399	6,838	2,363	\$61.86	\$65.87	10	\$3.34	\$72.01	\$85.61
455	10	1993	52,966	9,220	6,701	2,227	\$58.37	\$61.40	4	\$1.04	\$66.10	\$88.36
456	10	1994	53,023	9,208	6,719	2,363	\$62.86	\$67.87	9	\$5.07	\$78.89	\$89.02
457	10	1995	53,207	9,220	6,678	2,363	\$59.23	\$62.35	8	\$1.27	\$68.44	\$89.69
458	10	1996	52,990	9,399	6,758	2,358	\$62.00	\$67.02	15	\$4.67	\$72.89	\$83.43
459	10	1997	53,295	9,590	6,636	2,363	\$71.15	\$80.32	19	\$12.71	\$88.50	\$71.90
460	10	1998	53,099	9,558	6,939	2,857	\$62.18	\$66.39	7	\$4.27	\$72.82	\$85.81
461	10	1999	53,113	9,590	6,637	2,015	\$61.37	\$65.64	11	\$3.37	\$71.15	\$84.92
462	10	2000	53,237	9,235	6,590	2,127	\$66.78	\$73.64	21	\$8.34	\$82.20	\$79.08
463	10	2001	52,788	9,399	6,713	2,251	\$58.42	\$61.71	6	\$1.73	\$67.49	\$88.95
464	10	2002	53,002	9,399	6,881	2,358	\$66.30	\$73.07	18	\$8.39	\$84.60	\$83.49
465	10	2003	52,937	9,399	6,630	2,164	\$60.30	\$64.26	9	\$3.32	\$70.02	\$85.85

466	10	2004	52,980	9,399	6,873	2,361	\$63.42	\$68.64	11	\$5.84	\$80.06	\$88.28
467	10	2005	53,351	9,590	6,797	2,363	\$65.10	\$70.83	20	\$6.63	\$80.27	\$82.94
468	10	2006	53,311	9,491	6,848	2,363	\$61.10	\$65.00	13	\$2.72	\$71.64	\$87.66
469	10	2007	53,087	9,220	6,638	2,363	\$61.28	\$65.58	7	\$3.58	\$71.77	\$85.19
470	10	2008	53,181	9,590	6,628	2,363	\$65.56	\$71.38	17	\$6.95	\$80.11	\$83.66
471	10	2009	53,396	9,590	6,808	2,363	\$62.64	\$67.48	11	\$4.08	\$73.10	\$83.19
472	10	2010	52,935	9,590	6,837	2,451	\$62.82	\$67.78	15	\$5.08	\$75.56	\$84.67
473	10	2011	53,089	9,558	6,755	2,857	\$59.79	\$63.10	6	\$2.15	\$68.10	\$87.32
474	10	2012	53,272	9,399	6,708	2,363	\$63.33	\$68.14	12	\$4.98	\$76.36	\$85.82
475	10	2013	53,041	9,590	6,721	2,240	\$72.46	\$82.96	15	\$14.76	\$88.82	\$66.14
476	10	2014	53,261	9,590	6,673	2,363	\$62.96	\$68.15	25	\$4.71	\$75.02	\$84.26
477	10	2015	52,665	9,220	6,868	2,358	\$61.70	\$66.50	10	\$5.00	\$75.49	\$86.28
478	10	2016	52,672	9,491	6,687	2,458	\$56.48	\$58.94	2	\$0.03	\$63.84	\$91.21
479	10	2017	52,812	9,399	6,953	2,857	\$57.92	\$60.58	4	\$0.51	\$65.37	\$88.20
480	10	2018	53,117	9,590	7,002	2,601	\$64.01	\$70.00	17	\$6.27	\$76.38	\$80.34
481	11	1971	52,861	8,977	6,763	2,251	\$57.01	\$59.33	2	\$0.17	\$63.99	\$89.57
482	11	1972	53,056	9,172	6,603	2,135	\$60.92	\$64.49	9	\$2.70	\$69.79	\$86.51
483	11	1973	53,067	9,590	6,813	2,363	\$66.99	\$74.19	22	\$8.54	\$81.08	\$77.88
484	11	1974	52,983	9,399	6,748	2,363	\$58.33	\$61.32	5	\$0.93	\$66.20	\$88.71
485	11	1975	53,248	9,208	6,715	2,358	\$65.20	\$70.89	11	\$6.90	\$77.07	\$79.28
486	11	1976	52,871	9,208	6,800	2,363	\$58.56	\$61.68	7	\$1.13	\$67.13	\$88.98
487	11	1977	53,095	9,399	6,828	2,601	\$63.95	\$69.22	16	\$5.93	\$77.09	\$83.53
488	11	1978	53,072	9,042	6,891	2,237	\$59.33	\$62.48	4	\$1.33	\$68.32	\$88.57
489	11	1979	53,123	9,590	6,734	2,363	\$62.14	\$66.91	13	\$3.97	\$72.73	\$84.40
490	11	1980	52,793	9,208	6,855	2,358	\$58.53	\$61.81	5	\$1.59	\$67.37	\$88.69
491	11	1981	52,842	9,590	6,727	2,363	\$62.89	\$68.39	16	\$5.78	\$75.46	\$84.19
492	11	1982	52,968	9,399	6,817	2,164	\$57.93	\$60.80	6	\$0.61	\$65.60	\$89.09
493	11	1983	53,028	9,220	6,760	2,451	\$61.64	\$65.85	7	\$3.73	\$73.11	\$87.51
494	11	1984	53,069	9,399	6,769	2,251	\$60.63	\$64.10	5	\$2.53	\$69.42	\$85.85
495	11	1985	53,231	9,399	6,819	2,363	\$61.98	\$66.35	15	\$3.64	\$72.56	\$85.42
496	11	1986	53,132	9,399	6,887	2,363	\$62.00	\$66.42	11	\$3.78	\$74.27	\$87.66
497	11	1987	53,016	9,208	6,869	2,451	\$59.94	\$63.47	8	\$2.53	\$69.18	\$85.96
498	11	1988	52,873	9,590	6,700	2,363	\$63.98	\$69.59	14	\$6.76	\$79.04	\$83.83
499	11	1989	52,999	9,491	6,721	2,363	\$62.44	\$67.34	15	\$4.96	\$74.56	\$85.00
500	11	1990	52,933	9,491	6,868	2,240	\$61.15	\$65.53	19	\$3.43	\$72.48	\$86.07
501	11	1991	52,874	9,309	6,935	2,601	\$60.77	\$65.12	9	\$3.58	\$72.38	\$87.26
502	11	1992	53,291	9,399	6,838	2,363	\$62.63	\$66.83	14	\$3.78	\$73.30	\$85.24
503	11	1993	52,966	9,220	6,701	2,227	\$60.56	\$64.51	6	\$2.76	\$69.62	\$85.76
504	11	1994	53,023	9,208	6,719	2,363	\$59.40	\$62.55	8	\$1.29	\$67.95	\$88.68
505	11	1995	53,207	9,220	6,678	2,363	\$62.89	\$67.43	8	\$4.74	\$74.69	\$85.78
506	11	1996	52,990	9,399	6,758	2,358	\$67.98	\$75.72	20	\$10.11	\$83.04	\$75.51
507	11	1997	53,295	9,590	6,636	2,363	\$63.83	\$69.11	18	\$5.06	\$77.20	\$84.90
508	11	1998	53,099	9,558	6,939	2,857	\$65.97	\$71.84	15	\$7.89	\$79.94	\$81.64
509	11	1999	53,113	9,590	6,637	2,015	\$61.83	\$66.30	10	\$3.90	\$72.10	\$84.34
510	11	2000	53,237	9,235	6,590	2,127	\$72.90	\$82.58	30	\$14.10	\$91.86	\$70.34
511	11	2001	52,788	9,399	6,713	2,251	\$61.20	\$65.68	11	\$4.40	\$72.56	\$85.94
512	11	2002	53,002	9,399	6,881	2,358	\$61.75	\$66.26	14	\$3.89	\$72.72	\$84.57
513	11	2003	52,937	9,399	6,630	2,164	\$61.61	\$66.00	8	\$4.30	\$73.22	\$85.15
514	11	2004	52,980	9,399	6,873	2,361	\$58.89	\$61.99	6	\$1.45	\$67.53	\$87.94
515	11	2005	53,351	9,590	6,797	2,363	\$64.49	\$69.80	18	\$5.74	\$78.43	\$85.10
516	11	2006	53,311	9,491	6,848	2,363	\$59.96	\$63.32	13	\$1.50	\$69.48	\$88.86
517	11	2007	53,087	9,220	6,638	2,363	\$63.61	\$68.62	13	\$5.50	\$76.20	\$83.65
518	11	2008	53,181	9,590	6,628	2,363	\$68.73	\$75.69	17	\$9.96	\$88.37	\$82.52
519	11	2009	53,396	9,590	6,808	2,363	\$66.40	\$72.52	15	\$7.43	\$80.53	\$80.35
520	11	2010	52,935	9,590	6,837	2,451	\$62.87	\$67.87	15	\$5.11	\$73.96	\$82.59
521	11	2011	53,089	9,558	6,755	2,857	\$60.76	\$64.41	6	\$2.68	\$69.42	\$85.30
522	11	2012	53,272	9,399	6,708	2,363	\$68.47	\$75.34	17	\$9.68	\$88.56	\$85.05
523	11	2013	53,041	9,590	6,721	2,240	\$60.99	\$65.21	12	\$3.18	\$70.70	\$85.26
524	11	2014	53,261	9,590	6,673	2,363	\$65.84	\$72.41	17	\$7.71	\$81.76	\$83.44
525	11	2015	52,665	9,220	6,868	2,358	\$57.27	\$59.95	2	\$0.26	\$64.55	\$89.15

526	11	2016	52,672	9,491	6,687	2,458	\$56.88	\$59.46	6	\$0.18	\$64.54	\$91.10
527	11	2017	52,812	9,399	6,953	2,857	\$59.48	\$62.56	9	\$1.60	\$68.25	\$87.16
528	11	2018	53,117	9,590	7,002	2,601	\$68.22	\$76.13	17	\$10.28	\$85.11	\$77.38