THE
VALUATION
SCHOOL

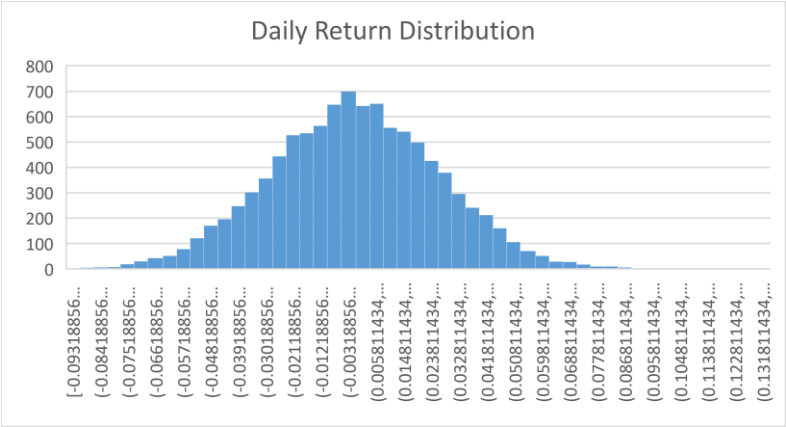
#	Date	Adj Close	Return	Sorted Return	Replication	Simulated Return
	12/2/2009	79.82	-0.873684	0.200059089	1	-0.013521612
	3/3/2015	631.94	-0.359952	0.199965277	2	0.041114273
	8/18/2015	987.33	23.21869	0.196530616	3	-0.040218499
	4/22/2009	40.77	-0.911361	0.173889553	4	-0.017289781
	2/16/2015	459.92	6.678226	0.163792188	5	0.005759328
	5/22/2009	59.90	-0.406232	0.157397336	6	-0.007053575
	10/28/2013	100.88	-0.987043	0.148242459	7	-0.009283012
	5/13/2022	7785.65	2.346377	0.145566051	8	0.011978931
	1/13/2021	2326.59	69.31571	0.136161001	9	0.013758213
	5/24/2004	33.09	-0.614553	0.135359316	10	-0.014676564
	9/26/2013	85.84	-0.672808	0.131563327	11	-0.028527602
	2/28/2014	262.36	1.477993	0.130678118	12	-0.050146405
	11/30/2012	105.88	-0.281075	0.127032023	13	0.022414031
	12/4/2013	147.27	-0.799927	0.125534445	14	0.002350823
	7/24/2015	736.08	25.76605	0.124448115	15	-0.016879613
	5/18/2004	27.50	-0.305882	0.117801175	16	0.027581534
	1/5/2009	39.62	-0.554912	0.116648612	17	-0.036182884
	12/3/2009	89.02	-0.989314	0.115148609	18	-0.044835727
	3/25/2022	8330.14	199.813	0.109282419	19	-0.005007699
	11/10/2008	41.48	-0.414974	0.108040144	20	0.0166072
	9/7/2009	70.91	0.011608	0.107437993	21	-0.042747532
	11/2/2005	70.09	0.468478	0.105732926	22	0.039891779
	8/27/2004	47.73	-0.940252	0.103741069	23	-0.039452403
	4/27/2020	798.87	-0.201089	0.103693844	24	0.041391418
	3/3/2020	999.95	5.434965	0.102629431	25	-0.008351302
	12/16/2013	155.39	2.003652	0.101872522	26	0.014586983
	5/18/2009	51.73	-0.291035	0.101762701	27	-0.025519281
	4/18/2006	72.97	-0.895142	0.101423098	28	0.045011038
	6/5/2017	695.92	11.03216	0.100280368	29	-0.004266966
	1/4/2005	57.84	-0.187353	0.1002537	30	-0.050629706
	5/23/2006	71.17	-0.876956	0.100159215	31	-0.00357792
	4/1/2015	578.43	0.900351	0.099978562	32	0.060650758
	9/19/2014	304.38	0.100018	0.099917866	33	0.005429549
	3/10/2014	276.71	-0.589491	0.098720343	34	0.008208613
	4/9/2020	674.06	0.34786	0.097325852	35	-0.043628435

Calculation of VAR — **TATA Elxsi (Simulation)**

Historical Approach	
Mean	0.13%
S.D	2.79%
Min	-49.94%
Max	20.01%
CMP	**7,774.1**

Monte Carlo Simulation	
Mean	0.11%
S.D	2.75%
Min	-9.32%
Max	13.27%
CMP	**7,774.1**

Percentile	**Confidence**		**VAR %**	**Stock Price**	**VAR (INR)**
	5%	95%	-4.45%	8120.2	-346.2
	1%	99%	-6.25%	8260.0	-486.0
	0.5%	99.5%	-6.97%	8315.7	-541.7



4/28/2015	500.09	-0.827168	0.096438642	36	-0.035392291
2/1/2021	2893.51	21.51707	0.096335473	37	-0.026678248
5/29/2007	128.50	0.245545	0.096309021	38	0.017979783
12/5/2007	103.17	0.39528	0.095964565	39	0.024322337
5/23/2008	73.94	0.222116	0.095904768	40	0.023844978
7/26/2006	60.50	0.392849	0.095422124	41	0.002413877
10/21/2008	43.44	-0.993693	0.094831607	42	0.020445273
1/19/2022	6887.90	56.43291	0.094247533	43	-0.044981236
10/26/2010	119.93	2.015596	0.09424373	44	0.016831483
7/3/2002	39.77	-0.924483	0.092920583	45	-0.014345208
3/2/2015	526.63	19.83292	0.092421321	46	-0.026033123
6/9/2003	25.28	-0.729764	0.091793941	47	0.000584483
10/28/2011	93.54	1.607603	0.091718178	48	-0.042553568
6/28/2004	35.87	-0.958757	0.09108698	49	0.03065457
9/8/2015	869.81	7.571288	0.0909855	50	0.041961428
12/8/2009	101.48	-0.856505	0.089875767	51	-0.024395162
4/15/2020	707.20	1.474528	0.089505766	52	0.016583238
3/3/2014	285.79	1.576872	0.089304102	53	0.038821952
1/13/2010	110.91	-0.970609	0.088897448	54	0.017667123
5/4/2021	3773.54	99.64452	0.088107587	55	-0.024830972
10/29/2008	37.49	0.119003	0.087882152	56	-0.030746186
2/16/2004	33.51	-0.557968	0.087251959	57	0.016846973
4/26/2006	75.80	1.653782	0.086219437	58	0.034217304
8/28/2003	28.56	-0.776653	0.08567928	59	0.005595422
11/2/2010	127.89	-0.614173	0.085579205	60	0.044568638
1/12/2015	331.46	2.532232	0.085329389	61	0.015983266
2/2/2012	93.84	-0.13221	0.084986561	62	-0.007587775
9/8/2010	108.14	0.004597	0.084573902	63	-0.021806114
10/1/2010	107.64	-0.704336	0.084094341	64	0.026785195
1/21/2015	364.07	2.98954	0.083361689	65	0.048256148
9/7/2011	91.26	0.044042	0.082140156	66	-0.044765073
5/2/2006	87.41	-0.950111	0.081671523	67	-0.063787493
12/23/2020	1752.02	0.683428	0.081665369	68	-0.001903314
2/1/2016	1040.74	13.51763	0.080548339	69	0.028181006
4/21/2008	71.69	-0.45664	0.07906988	70	-1.54093E-05
3/23/2010	131.94	1.430037	0.078846459	71	0.037538798
6/22/2009	54.29	-0.994655	0.078475397	72	-0.044896087
8/12/2022	10158.41	279.6557	0.077842515	73	0.023474142
12/9/2003	36.20	-0.611268	0.077660484	74	-0.022224927
12/7/2009	93.11	0.270306	0.077568658	75	-0.014857096
7/13/2005	73.30	0.857353	0.077349233	76	0.009613468
12/23/2003	39.46	-0.960247	0.076889454	77	-0.017163213
2/4/2020	992.73	8.083023	0.076533268	78	-0.006043879
11/22/2013	109.29	-0.822408	0.076245131	79	0.029884699
4/7/2020	615.43	21.20955	0.076061414	80	0.019085177

6/30/2003	27.71	-0.993479	0.075625233	81	-0.032292484
6/30/2021	4249.18	57.55994	0.07528204	82	0.046249248
4/4/2006	72.56	-0.635551	0.07518415	83	-0.030768572
2/14/2014	199.10	0.651912	0.074646573	84	0.020786559
4/16/2007	120.53	-0.079337	0.074614942	85	-0.023787274
11/28/2013	130.91	1.832747	0.074577582	86	0.000884389
8/24/2004	46.21	0.432965	0.074447598	87	0.007106212
1/23/2004	32.25	-0.987703	0.073995331	88	-0.013611996
1/19/2021	2622.63	3.523213	0.073841284	89	0.060275985
11/25/2016	579.82	0.133614	0.073618499	90	-0.042438967
3/27/2015	511.48	1.107711	0.07348249	91	0.005971623
5/22/2014	242.67	-0.906946	0.073238354	92	-0.014362776
1/27/2021	2607.82	42.38673	0.072536489	93	-0.004033426
2/14/2005	60.11	0.01842	0.071980929	94	-0.017095432
3/28/2008	59.02	-0.933273	0.071971428	95	0.020954472
2/15/2016	884.49	9.784425	0.071638587	96	-0.001085569
9/2/2013	82.02	-0.291277	0.071637455	97	0.017826875
12/13/2010	115.72	-0.981347	0.071183282	98	-0.029791446
12/26/2022	6204.01	50.61584	0.07109938	99	0.01768118
3/17/2010	120.20	1.055664	0.071079148	100	0.021197555
6/16/2006	58.47	-0.993445	0.070957839	101	-0.000977558
3/28/2022	8919.79	21.99906	0.070785208	102	0.003509779
2/12/2015	387.83	-0.916682	0.07075656	103	0.002926021
8/17/2021	4654.86	182.2079	0.070710755	104	0.042438649
6/26/2003	25.41	-0.175118	0.070556219	105	0.038560635
10/10/2003	30.80	-0.825573	0.070509396	106	0.032785655
12/27/2013	176.59	2.994264	0.07040128	107	0.031460672
5/4/2009	44.21	-0.99311	0.070127306	108	0.055965672
2/25/2022	6416.51	9.257495	0.070076282	109	-0.010733776
8/23/2019	625.54	8.831781	0.070045329	110	-0.007015731
8/5/2009	63.62	-0.89258	0.069914763	111	0.022659511
7/14/2015	592.30	-0.344642	0.069864047	112	0.01374878
1/27/2016	903.78	7.013992	0.069768829	113	0.025982828
10/5/2010	112.78	2.286812	0.069612628	114	0.022559777
12/3/2003	34.31	-0.958706	0.069242423	115	0.007746957
12/5/2019	830.91	0.741669	0.068980418	116	-0.014223563
2/23/2015	477.08	3.539796	0.068763731	117	0.000303387
11/5/2013	105.09	2.919967	0.068730068	118	0.015941328
8/1/2003	26.81	-0.972724	0.068677728	119	0.044480259
12/14/2015	982.86	7.186533	0.068208016	120	0.022686098
1/15/2010	120.06	-0.867614	0.067433124	121	0.018100618
3/2/2020	906.88	15.57573	0.066270242	122	0.022097659
3/25/2008	54.71	1.197924	0.066241741	123	-0.002883317
1/28/2003	24.89	-0.979962	0.0662068	124	0.034701443
9/25/2020	1242.28	50.33411	0.066035342	125	0.002520241

2/17/2003	24.20	-0.722572	0.06595768	126	-0.030896001
11/9/2006	87.23	0.066273	0.065926795	127	-0.015314401
8/23/2011	81.81	-0.984907	0.065673385	128	0.003543849
9/17/2021	5420.33	8.600255	0.065400855	129	-0.040444133
3/25/2020	564.60	-0.923029	0.065067209	130	0.036669579
1/20/2022	7335.29	71.32531	0.064954017	131	-0.044095962
12/23/2009	101.42	-0.856452	0.064595716	132	0.02775107
1/18/2017	706.53	15.31862	0.06454228	133	0.001191242
7/5/2002	43.30	-0.61998	0.064528843	134	0.005050763
8/31/2007	113.93	-0.929661	0.064357025	135	0.011409226
12/22/2020	1619.74	1.999199	0.064258381	136	0.013004169
11/24/2016	540.06	15.29027	0.064093736	137	0.010435556
8/20/2002	33.15	-0.995198	0.064082583	138	-0.021753976
3/9/2022	6903.44	242.1968	0.063946255	139	-0.003245183
7/10/2003	28.39	-0.751564	0.063329347	140	-0.002388518
4/6/2011	114.26	0.152662	0.063111299	141	-0.003298949
2/11/2011	99.13	-0.928712	0.06301128	142	-0.032418588
7/25/2018	1390.52	47.27379	0.062998791	143	-0.016470236
4/13/2004	28.80	-0.994997	0.062351536	144	-0.030909752
9/20/2021	5757.02	59.71806	0.062114742	145	-0.019279663
3/18/2013	94.82	1.399985	0.062072325	146	-0.033307167
10/13/2008	39.51	0.353373	0.061678396	147	-0.015656523
5/19/2004	29.19	-0.739729	0.061475148	148	0.000468343
4/13/2007	112.16	-0.576338	0.061331255	149	0.010459647
6/26/2014	264.73	3.648936	0.060891245	150	-0.017164209
6/9/2006	56.94	0.539709	0.060664055	151	-0.053428985
7/23/2002	36.98	-0.067844	0.060480387	152	-0.023315042
10/20/2008	39.68	-0.994717	0.059799118	153	0.010046427
1/31/2022	7509.93	11.56068	0.05905496	154	0.023288911
3/26/2020	597.89	4.783475	0.058959143	155	0.037479192
3/1/2007	103.38	-0.872484	0.058716134	156	0.020287252
8/8/2016	810.72	-0.439879	0.058517325	157	0.034114173
10/12/2020	1447.39	0.745714	0.058462663	158	0.018424487
3/1/2016	829.11	0.034508	0.058137903	159	0.02063269
7/30/2015	801.46	12.12277	0.057805482	160	-0.020558665
3/4/2005	61.07	-0.668509	0.057769921	161	0.001174567
1/3/2014	184.24	-0.977671	0.057682503	162	0.014005848
4/22/2022	8250.96	37.41488	0.05745935	163	0.043688896
2/18/2014	214.79	2.558927	0.057397773	164	-0.030441823
7/27/2009	60.35	0.00855	0.057349907	165	0.023915999
3/17/2005	59.84	-0.398799	0.05715978	166	-0.053184719
2/15/2007	99.53	-0.215404	0.056710639	167	0.037882848
1/18/2010	126.86	-0.504771	0.056644005	168	0.015473731
6/20/2014	256.16	-0.692549	0.056581102	169	-0.027797619
8/3/2015	833.18	7.308563	0.056503807	170	0.001019536

12/27/2007	100.28	0.052863	0.056491781	171	0.001524005
11/30/2007	95.25	-0.869326	0.056451515	172	-0.01480955
10/24/2019	728.88	20.39357	0.056416809	173	0.026819004
1/27/2004	34.07	-0.674638	0.056414856	174	-0.01616772
2/14/2011	104.71	0.293943	0.056364435	175	-0.01972784
5/17/2006	80.93	-0.966865	0.056152057	176	0.025732309
1/18/2021	2442.29	2.697805	0.055984294	177	-0.004142411
9/24/2019	660.47	19.48959	0.055915054	178	-0.020993576
12/2/2002	32.23	-0.701625	0.055907029	179	0.027145592
12/10/2010	108.03	-0.982246	0.055812901	180	-0.002927545
10/6/2021	6085.01	3.606189	0.055443884	181	-0.037824528
10/5/2020	1321.05	23.4673	0.055198451	182	0.028809791
5/20/2009	53.99	0.806758	0.055147181	183	-0.017719973
2/4/2004	29.88	-0.945239	0.05514517	184	0.002797645
6/19/2015	545.71	-0.359281	0.055084655	185	-0.043799779
6/10/2020	851.72	18.80208	0.055081464	186	-0.016829241
8/23/2004	43.01	-0.496219	0.054805333	187	-0.001871471
11/2/2006	85.38	0.296716	0.054541251	188	-0.001612833
6/21/2006	65.84	1.218805	0.054351017	189	-0.035074656
9/4/2003	29.67	-0.721411	0.054347631	190	0.00129313
2/24/2010	106.52	-0.988034	0.05431658	191	-0.018416728
12/12/2023	8901.90	12.04796	0.053947064	192	-0.026906515
10/17/2019	682.24	5.504211	0.053877008	193	0.020653583
2/19/2007	104.89	-0.812913	0.053846127	194	-0.003139002
5/22/2015	560.66	-0.640125	0.053806865	195	-0.013155285
11/27/2020	1557.94	13.96782	0.053635504	196	-0.009578468
5/31/2010	104.09	-0.438188	0.053560787	197	0.029994736
2/13/2014	185.27	-0.812384	0.05330807	198	-0.015514824
10/16/2018	987.49	10.75049	0.0531802	199	-0.043360568
7/9/2013	84.04	-0.925826	0.053034607	200	-0.034613721
4/23/2018	1132.99	9.62895	0.052986273	201	0.053318245
6/10/2010	106.59	-0.559358	0.052642082	202	0.046812687
6/3/2014	241.91	1.666548	0.052580494	203	-0.021989648
11/15/2006	90.72	0.078763	0.052468217	204	-0.028407991
12/13/2006	84.10	-0.893506	0.052361693	205	-0.02540072
6/2/2020	789.67	-0.911089	0.052253131	206	0.009409951
3/30/2022	8881.58	137.5691	0.051906573	207	0.030457396
8/13/2009	64.09	-0.228689	0.051868007	208	-0.005463651
9/8/2006	83.10	0.117503	0.051836679	209	0.021259397
1/4/2006	74.36	1.515458	0.05163626	210	0.004429073
5/3/2004	29.56	-0.449868	0.05154626	211	-0.007219239
1/27/2005	53.74	-0.015771	0.051223462	212	0.005913494
6/15/2006	54.60	-0.929416	0.051154782	213	0.052435043
7/27/2015	773.50	1.86982	0.050829299	214	-0.025142484
12/18/2014	269.53	4.113114	0.050659683	215	-0.044191252

7/15/2009	52.71	0.311129	0.050618447	216	-0.041004943
1/8/2004	40.20	-0.479311	0.050483698	217	0.036508366
6/11/2008	77.21	1.738761	0.050445322	218	0.028950524
10/24/2003	28.19	-0.967161	0.050389655	219	-0.007410643
1/13/2020	858.51	24.87006	0.050085446	220	0.001322839
4/8/2009	33.19	-0.965596	0.049999938	221	0.019016161
10/10/2018	964.57	30.2995	0.049938005	222	0.041771064
4/21/2004	30.82	-0.939279	0.049917904	223	0.015771995
11/23/2016	507.53	-0.792221	0.04987687	224	0.050304011
1/14/2021	2442.63	47.90187	0.049876628	225	-0.019618374
9/6/2004	49.95	0.230485	0.049772106	226	0.001690325
7/16/2004	40.59	-0.513989	0.049590336	227	-0.010842531
1/9/2012	83.52	1.086667	0.04950791	228	-0.017600376
7/12/2002	40.03	-0.955364	0.049388471	229	0.002605871
12/10/2015	896.75	10.52571	0.049242403	230	0.002482346
12/26/2011	77.80	-0.881074	0.049128603	231	0.045346182
3/5/2015	654.23	2.531653	0.049112792	232	-0.02248352
12/30/2013	185.25	1.966435	0.049043343	233	0.006592634
6/20/2006	62.45	-0.911745	0.048948801	234	-0.014468353
3/17/2017	707.58	-0.374784	0.048876564	235	0.041499042
8/27/2020	1131.73	16.53467	0.048529976	236	0.036056372
6/6/2005	64.54	-0.924461	0.048496071	237	-0.010388008
11/23/2015	854.43	1.956053	0.048494779	238	0.018622446
7/17/2014	289.05	0.117433	0.048458769	239	-0.023194555
4/21/2014	258.67	-0.125238	0.048340383	240	0.000748641
1/7/2015	295.70	2.785099	0.048328537	241	0.054788269
2/4/2008	78.12	-0.348818	0.048292532	242	-0.02833443
1/12/2011	119.97	0.049499	0.04827975	243	0.022182681
10/3/2007	114.31	0.292148	0.048166667	244	-0.008547871
4/30/2013	88.47	1.823463	0.04807426	245	0.022374348
5/6/2004	31.33	-0.751837	0.047926682	246	0.009553026
12/28/2010	126.26	0.142537	0.047553774	247	0.022052385
11/30/2010	110.51	-0.982514	0.047488798	248	-0.001520466
1/13/2022	6319.77	123.7729	0.04704701	249	0.002420081
1/13/2005	50.65	0.629925	0.046880366	250	0.000619278
10/8/2002	31.08	-0.544679	0.046638084	251	-0.044300651
8/14/2006	68.25	-0.929141	0.046410101	252	0.009997753
1/29/2016	963.16	-0.756265	0.046322344	253	0.050099102
6/29/2021	3951.69	0.298865	0.046194629	254	0.001154248
4/9/2021	3042.42	3.03413	0.046088479	255	0.000711058
6/19/2017	754.17	6.756037	0.045989836	256	0.054219296
1/11/2007	97.24	-0.892771	0.045968494	257	-0.017390458
3/9/2016	906.81	-0.861069	0.045872721	258	-0.001632968
4/27/2023	6527.03	116.4912	0.045677433	259	0.047124509
10/14/2004	55.55	-0.240661	0.0455115	260	-0.013666769

10/20/2009	73.16	-0.389868	0.045365419	261	0.006082683
11/22/2010	119.91	0.849561	0.045290858	262	-0.029106963
11/16/2009	64.83	-0.358376	0.045181634	263	-0.024003063
7/11/2012	101.04	-0.967665	0.04513608	264	-0.007456095
4/23/2021	3124.86	4.174634	0.045126478	265	-0.014798798
10/28/2016	603.88	0.129872	0.045076754	266	0.000247771
3/30/2015	534.47	12.92387	0.044953614	267	-0.027550994
7/18/2002	38.39	-0.574053	0.044697587	268	0.020103665
10/14/2013	90.12	-0.050581	0.044617397	269	0.025865048
12/26/2007	94.92	-0.056007	0.04460907	270	-0.001175216
3/8/2011	100.55	-0.961708	0.04454928	271	0.024066984
3/4/2021	2625.87	1.895278	0.044500405	272	-0.003285385
11/27/2015	906.95	0.069567	0.044445049	273	-0.011976999
11/9/2015	847.96	-0.529613	0.044401987	274	0.01754941
12/28/2020	1802.68	27.15562	0.044383855	275	-0.034027476
4/1/2005	64.03	-0.929907	0.044341748	276	0.019203922
1/15/2020	913.43	7.224381	0.044222903	277	-0.029469972
4/13/2011	111.06	3.676555	0.044194559	278	0.038376561
4/4/2003	23.75	-0.994569	0.043877707	279	-0.000169182
7/2/2021	4372.82	152.6115	0.043782121	280	-0.016966972
9/25/2003	28.47	-0.06455	0.043684079	281	-0.000383827
7/31/2002	30.43	-0.820789	0.043622401	282	-0.041073821
1/20/2014	169.81	3.116393	0.043598026	283	0.026280371
1/2/2004	41.25	-0.949479	0.043584587	284	0.003158575
8/25/2015	816.51	-0.070347	0.043562893	285	-0.028630459
11/20/2017	878.30	-0.866999	0.043517057	286	-0.032008842
1/23/2023	6603.68	-0.19183	0.043452086	287	-0.064162978
11/7/2023	8171.15	94.74202	0.043356377	288	0.027328183
8/24/2011	85.35	0.669607	0.043241969	289	0.009767379
1/25/2005	51.12	-0.541124	0.043226818	290	0.00436597
2/1/2010	111.40	-0.881119	0.043127032	291	-0.021175477
3/11/2020	937.04	0.545939	0.04306089	292	-0.034519694
3/31/2020	606.13	-0.302499	0.043023955	293	-0.016166607
8/4/2015	869.00	26.08056	0.042990603	294	-0.003731017
12/2/2003	32.09	0.05116	0.042909482	295	-0.008305513
11/29/2002	30.53	0.11007	0.042904348	296	0.009577835
7/7/2003	27.50	-0.989942	0.042735222	297	-0.038782322
1/20/2021	2734.31	87.8651	0.042582323	298	-0.042331359
12/1/2003	30.77	-0.872747	0.042553112	299	0.0175062
6/16/2014	241.80	-0.932092	0.042551302	300	0.000800002
5/17/2021	3560.63	101.9186	0.04253546	301	-0.023760308
4/9/2009	34.60	0.342943	0.042516997	302	0.004285557
2/3/2003	25.76	0.030928	0.042345193	303	0.005034617
7/23/2003	24.99	-0.979232	0.04231029	304	0.024310729
6/12/2018	1203.23	3.367018	0.04229023	305	0.006790942

8/4/2014	275.53	3.59287	0.042286246	306	0.037922528
11/4/2009	59.99	-0.439182	0.042219813	307	0.037925913
1/3/2008	106.97	0.220562	0.04214605	308	0.052162787
12/14/2006	87.64	-0.85841	0.042134121	309	-0.03289633
4/8/2015	618.96	18.38596	0.042076246	310	0.05051972
8/6/2002	31.93	-0.589552	0.042038734	311	-0.071230078
8/31/2005	77.79	-0.783577	0.04178167	312	0.047931941
2/3/2015	359.43	4.2473	0.041680459	313	-0.012825576
2/10/2006	68.50	-0.934365	0.041438578	314	0.019068298
4/19/2018	1043.64	24.37581	0.041386893	315	-0.006988446
8/5/2004	41.13	0.841607	0.041385169	316	-0.000494149
6/2/2003	22.33	-0.595672	0.041291158	317	-0.001011298
7/25/2006	55.23	-0.674385	0.041289129	318	0.005414599
1/27/2014	169.63	4.92191	0.041208741	319	-0.021137004
10/31/2003	28.64	-0.996177	0.040959904	320	0.052089288
6/21/2022	7492.86	8.209933	0.040903692	321	0.006246523
10/9/2017	813.56	6.829498	0.040898566	322	0.001563813
6/14/2011	103.91	-0.440626	0.040892094	323	-0.001271323
1/31/2014	185.76	-0.325835	0.040877704	324	0.001494901
6/27/2014	275.54	-0.856529	0.040828533	325	0.036299573
1/5/2021	1920.54	1.775901	0.040827226	326	-0.011515305
12/12/2016	691.86	-0.149345	0.040796942	327	0.015447484
9/4/2017	813.33	7.919781	0.040754226	328	0.031107345
12/15/2006	91.18	0.47227	0.040430795	329	0.000425946
6/30/2006	61.93	-0.42355	0.040310828	330	0.01873589
1/18/2007	107.44	1.58718	0.040165643	331	0.007656146
7/30/2004	41.53	-0.262222	0.040100272	332	0.031745762
2/28/2005	56.29	-0.034223	0.040061822	333	-0.021979972
8/3/2009	58.28	0.829076	0.039946198	334	0.019630663
5/13/2004	31.86	-0.73522	0.03993651	335	-0.005636671
12/14/2010	120.34	2.619434	0.039907251	336	-0.040992399
6/11/2004	33.25	-0.942351	0.039778276	337	-0.003593809
3/20/2020	576.74	-0.925365	0.039506918	338	-0.022538125
6/23/2022	7727.47	210.798	0.039473887	339	0.044186127
12/12/2003	36.49	-0.964079	0.039449041	340	0.005116026
1/22/2018	1015.72	26.7413	0.039308308	341	-0.046115498
7/25/2002	36.61	-0.996036	0.039305556	342	0.015741881
8/5/2022	9236.19	51.39717	0.039288948	343	-0.020657343
1/28/2014	176.27	-0.88798	0.039181985	344	-0.048113864
10/22/2020	1573.59	11.91662	0.039157906	345	-0.024294813
11/27/2013	121.83	-0.855675	0.039129487	346	0.012235969
2/20/2019	844.11	32.34977	0.039070187	347	-0.025952277
3/26/2004	25.31	-0.97004	0.038995525	348	-0.032038537
1/25/2016	844.84	23.70173	0.03892946	349	0.014895423
12/31/2008	34.20	-0.680378	0.03885716	350	0.021754048

2/9/2010	107.01	-0.914852	0.038812874	351	0.032644144
6/29/2018	1256.71	20.11909	0.038757763	352	-0.053210184
4/25/2005	59.51	-0.263598	0.038719058	353	-0.013253358
4/28/2006	80.81	-0.969383	0.03855492	354	0.010751005
1/29/2021	2639.26	1.587901	0.038520779	355	-0.001670072
11/1/2018	1019.84	27.98858	0.03850427	356	0.030829972
7/9/2004	35.18	-0.966492	0.038498292	357	-0.034798119
8/18/2020	1049.93	0.313394	0.038418636	358	0.037506452
1/19/2016	799.40	-0.752783	0.038356499	359	-0.019295616
4/28/2021	3233.60	41.04808	0.038267751	360	-0.070450575
8/21/2006	76.90	0.27385	0.038221092	361	0.006556186
6/4/2009	60.37	-0.172896	0.038175489	362	0.023521163
12/5/2005	72.99	-0.336594	0.038030229	363	-0.051400213
8/8/2007	110.02	-0.919135	0.037894482	364	0.000696919
7/11/2018	1360.57	12.29142	0.037739257	365	-0.05172261
2/26/2007	102.36	-0.987628	0.03772584	366	0.051900445
5/31/2022	8273.77	116.6088	0.03768857	367	0.001709835
4/24/2006	70.35	-0.399946	0.037673794	368	0.000308889
11/26/2013	117.24	-0.838027	0.03763132	369	-0.004241179
4/24/2020	723.82	19.16509	0.037566577	370	-0.01437044
4/13/2009	35.89	0.410968	0.037520334	371	-0.006362811
1/30/2003	25.44	-0.504426	0.037425878	372	-0.030063872
9/16/2004	51.33	0.446808	0.037411436	373	0.000385901
1/2/2009	35.48	-0.959128	0.037403873	374	-0.007338291
6/26/2020	868.10	9.379903	0.037241665	375	0.000169859
10/27/2006	83.63	-0.181591	0.037094467	376	0.009835507
9/11/2012	102.19	-0.665395	0.036971508	377	-0.068162032
1/9/2015	305.40	4.171457	0.036951082	378	-0.022404948
4/20/2005	59.06	0.144103	0.036896068	379	0.015472193
9/21/2004	51.62	-0.536708	0.036851126	380	0.007292176
4/26/2011	111.41	0.929652	0.036837968	381	0.015766067
3/3/2005	57.74	-0.333373	0.036837536	382	-0.004574093
3/6/2013	86.61	-0.834081	0.036824297	383	-0.019932198
5/4/2015	522.02	-0.46127	0.036776383	384	-0.0089427
2/19/2020	968.98	19.46347	0.036750652	385	-0.016227719
5/13/2009	47.35	-0.787318	0.036655651	386	0.027275954
2/19/2014	222.64	1.178698	0.036570059	387	-0.002705982
12/11/2012	102.19	2.335126	0.036512574	388	0.014187914
8/5/2002	30.64	-0.949239	0.036492541	389	0.015111719
8/6/2019	603.62	5.137892	0.036393632	390	-0.030803193
5/26/2010	98.34	-0.952654	0.036348617	391	0.005488896
1/11/2021	2077.14	29.71175	0.036338262	392	0.015335125
11/23/2009	67.63	-0.163339	0.036336185	393	0.040938782
10/23/2006	80.84	-0.184335	0.036293125	394	-0.020192239
9/3/2010	99.11	-0.872756	0.036214649	395	0.041693673

10/5/2017	778.87	27.55576	0.036137076	396	-0.016293941
9/24/2003	27.28	-0.204695	0.036085466	397	-0.021870701
8/30/2002	34.30	0.191942	0.035992593	398	0.006546365
10/9/2003	28.77	-0.968064	0.035942008	399	-0.030363128
9/9/2015	900.96	8.291182	0.035810227	400	-0.017006374
12/26/2006	96.97	0.267391	0.035755017	401	-0.019195119
8/29/2013	76.51	-0.185709	0.035746873	402	-0.017663351
11/16/2006	93.96	-0.974402	0.035721359	403	0.009633606
6/8/2021	3670.64	99.73999	0.035718291	404	-0.03998326
7/12/2004	36.44	-0.352235	0.035698128	405	-0.022482011
6/9/2009	56.25	-0.896228	0.035677388	406	-0.011020873
5/19/2015	542.06	-0.81126	0.035638269	407	0.015847193
4/15/2021	2871.98	2.121534	0.035618952	408	-0.020846369
12/29/2017	920.05	16.67033	0.035500483	409	-0.005605249
9/29/2004	52.07	0.97665	0.035489197	410	-0.027932696
8/20/2003	26.34	-0.637429	0.035443198	411	-0.017081988
1/23/2008	72.65	-0.923652	0.035224214	412	0.015533086
8/5/2020	951.59	41.64128	0.035215031	413	0.011504812
4/2/2003	22.32	-0.78804	0.035100966	414	-0.059774386
3/23/2007	105.28	1.668172	0.03500779	415	-0.022116519
8/17/2004	39.46	-0.951734	0.03499567	416	-0.026556419
7/27/2017	817.54	24.5667	0.034954475	417	-0.062085794
6/10/2004	31.98	-0.553938	0.034914043	418	-0.022062931
8/1/2005	71.69	-0.916354	0.034892583	419	-0.026356784
8/27/2015	857.02	-0.230597	0.034875701	420	0.005983967
9/2/2020	1113.88	9.318444	0.034858197	421	-0.039200934
8/27/2007	107.95	0.960714	0.034849475	422	-0.066764877
3/27/2008	55.06	-0.388585	0.034847666	423	-0.050046976
5/2/2012	90.05	-0.908214	0.034810177	424	-1.74044E-05
1/10/2018	981.07	11.87226	0.034809824	425	-0.003271493
1/3/2012	76.22	-0.217417	0.034799999	426	-0.01770607
8/2/2012	97.39	-0.077495	0.034770634	427	0.025389884
7/16/2012	105.57	-0.02289	0.034637419	428	0.02901441
4/11/2007	108.04	0.038758	0.034612143	429	-0.00728366
3/9/2011	104.01	-0.982136	0.034447436	430	-0.007964245
12/7/2021	5822.61	4.592056	0.034427345	431	-0.008835937
12/17/2015	1041.23	0.928323	0.034389344	432	0.026600538
5/5/2015	539.97	5.034283	0.03438361	433	0.038809987
11/28/2007	89.48	-0.945839	0.034243592	434	0.050051056
12/2/2020	1652.16	5.039693	0.034201124	435	0.015923044
10/20/2014	273.55	1.245749	0.034186533	436	0.027094512
6/7/2007	121.81	-0.91084	0.03416463	437	0.013160634
10/6/2020	1366.17	11.64102	0.034156369	438	-0.010211435
7/7/2011	108.07	-0.775327	0.034128998	439	-0.00921028
2/26/2015	481.03	0.664204	0.034092003	440	0.036717774

12/3/2014	289.05	8.543078	0.034056328	441	-0.033871202
3/30/2009	30.29	-0.71015	0.034040117	442	-0.037177887
10/24/2007	104.50	-0.882636	0.03399285	443	0.001603743
4/11/2016	890.37	8.026171	0.033969941	444	-0.018590429
1/3/2007	98.64	2.351462	0.03396771	445	0.018844979
9/26/2003	29.43	-0.545881	0.033936383	446	-0.000887325
2/6/2006	64.81	-0.914557	0.033907491	447	0.029923476
10/27/2019	758.55	8.828665	0.03388044	448	0.012774526
5/30/2008	77.18	-0.210756	0.033844478	449	0.043225463
3/1/2011	97.79	-0.134534	0.033783913	450	-0.026002644
11/25/2013	112.99	-0.127941	0.033783802	451	0.039784627
4/7/2010	129.56	0.725092	0.033776377	452	-0.06980022
1/24/2008	75.11	-0.986844	0.033775024	453	0.050721679
10/1/2021	5708.74	73.76121	0.033741165	454	0.039288626
7/1/2008	76.36	-0.989022	0.033710866	455	0.010515612
11/30/2022	6955.72	1.564893	0.033693373	456	0.009409044
3/19/2021	2711.89	28.84632	0.033629969	457	-0.008931941
12/21/2006	90.86	-0.174272	0.033623445	458	-0.01529479
1/31/2007	110.04	-0.039398	0.033617451	459	-0.015927949
3/9/2010	114.55	-0.896819	0.033598508	460	-0.006566657
5/8/2018	1110.20	11.4268	0.03357296	461	0.018370016
3/8/2013	89.34	-0.434764	0.033568818	462	-0.026504737
12/18/2013	158.06	-0.980238	0.033508955	463	0.015866486
7/15/2022	7997.90	123.0141	0.033469893	464	-0.025610087
8/9/2006	64.49	-0.989099	0.033380902	465	0.047768062
1/10/2022	5916.20	-0.436381	0.033347351	466	0.020334004
8/16/2022	10496.81	303.0672	0.03331204	467	-0.038773037
12/10/2008	34.52	0.044343	0.033221094	468	0.0443049
9/17/2002	33.06	-0.963215	0.033216092	469	-0.056841534
10/5/2015	898.62	0.054601	0.033207437	470	-0.00752732
10/13/2015	852.10	7.182493	0.033139892	471	0.007181265
7/4/2011	104.14	0.551323	0.033135477	472	0.003739349
7/6/2005	67.13	0.993848	0.033111094	473	0.046451689
8/23/2002	33.67	-0.953668	0.033103014	474	0.020242494
4/6/2017	726.65	30.40614	0.033086051	475	0.020115227
3/20/2003	23.14	-0.979891	0.033069688	476	0.034759519
9/3/2020	1150.62	2.897586	0.032979587	477	0.047926499
3/4/2014	295.21	-0.761497	0.032965196	478	-0.020820165
9/10/2020	1237.77	18.9231	0.032948578	479	-0.039119081
4/7/2008	62.13	-0.188509	0.032940592	480	0.009635965
6/9/2008	76.56	-0.240461	0.032858979	481	-0.042149324
1/15/2007	100.80	-0.603287	0.032840577	482	0.030150649
4/28/2014	254.08	-0.646494	0.032839168	483	-0.02684231
6/6/2017	718.75	26.25254	0.032803988	484	0.007520645
4/1/2004	26.37	-0.693569	0.032786829	485	0.009421876

4/1/2013	86.07	-0.926153	0.032722373	486	-0.00864239
4/30/2018	1165.47	12.5684	0.032661733	487	-0.017091648
9/2/2011	85.90	-0.743356	0.032594819	488	-0.032226822
1/14/2015	334.69	10.89856	0.032522523	489	0.077580787
10/31/2002	28.13	-0.272703	0.032505919	490	-0.050187931
7/15/2004	38.68	-0.994632	0.032501943	491	-0.020693336
5/25/2023	7204.52	7.873309	0.032499304	492	0.000888185
8/14/2015	811.93	-0.904017	0.032311094	493	-0.004301148
11/16/2023	8459.15	113.2028	0.032264607	494	-0.000973048
8/18/2006	74.07	-0.986853	0.032257744	495	-0.012024139
12/29/2021	5634.01	80.35428	0.032193355	496	-0.009504456
9/26/2005	69.25	-0.893024	0.032192276	497	0.014871314
10/16/2019	647.37	6.767782	0.032183657	498	0.046642847
3/28/2013	83.34	-0.840953	0.032153559	499	0.016345281
5/13/2015	523.99	16.76419	0.032132584	500	-0.055609361
11/27/2003	29.50	-0.719501	0.032112991	501	-0.012577897
4/9/2007	105.16	-0.88764	0.031976299	502	-0.008462445
11/30/2015	935.92	13.78161	0.031947091	503	-0.038087223
8/2/2006	63.32	-0.320008	0.031921168	504	0.023124889
2/20/2013	93.11	-0.819554	0.031914863	505	-0.027924797
4/29/2015	516.02	0.822354	0.031847417	506	0.016171673
11/27/2014	283.16	8.506179	0.031790892	507	-0.003930136
1/8/2003	29.79	-0.960844	0.031790328	508	-0.020019583
5/7/2020	760.72	4.203412	0.031754326	509	-0.02135154
12/10/2013	146.20	-0.84466	0.031743568	510	0.038134886
4/15/2019	941.14	-0.191707	0.031726257	511	-0.022600075
9/7/2020	1164.35	0.003168	0.031680441	512	0.002015435
5/25/2018	1160.67	21.40641	0.031591344	513	-0.025175976
12/21/2004	51.80	0.255015	0.031550908	514	0.011924465
4/29/2009	41.28	0.397	0.031499649	515	0.046570755
11/3/2003	29.55	-0.490756	0.03147832	516	-0.023433672
6/10/2009	58.02	0.270181	0.031438016	517	-0.032392976
5/12/2009	45.68	-0.993416	0.031435909	518	0.004709723
5/9/2023	6937.56	10.27876	0.031367573	519	0.023678182
7/16/2015	615.10	-0.210449	0.03136739	520	-0.036063939
7/4/2017	779.05	5.835501	0.03136463	521	-0.015975342
12/1/2010	113.97	-0.877405	0.031343374	522	0.029908749
3/15/2019	929.65	0.148688	0.031261484	523	0.029607125
7/1/2016	809.32	-0.905727	0.031202166	524	0.020746977
6/6/2022	8584.88	87.72068	0.031180026	525	0.029633856
2/3/2012	96.76	2.945969	0.031151242	526	0.024575827
6/12/2003	24.52	-0.25852	0.031144513	527	0.009473358
5/26/2004	33.07	-0.526668	0.031124477	528	0.050836212
7/8/2005	69.87	1.509803	0.0311158	529	0.025212655
11/18/2002	27.84	-0.974127	0.031007396	530	0.006122275

4/20/2018	1075.98	0.162802	0.030990605	531	0.003032849
4/26/2016	925.33	-0.870056	0.030862065	532	0.020861939
3/16/2022	7121.02	90.42818	0.030861265	533	-0.039291817
6/13/2008	77.89	2.008295	0.030791343	534	-0.027974563
8/26/2003	25.89	-0.020706	0.03076935	535	-0.007539579
8/7/2003	26.44	-0.754325	0.030759645	536	0.034728361
6/14/2010	107.61	-0.886531	0.030593096	537	-0.043291337
3/27/2018	948.40	7.886144	0.030593031	538	0.039687798
1/3/2013	106.73	0.192369	0.0305454	539	0.034360304
11/27/2006	89.51	0.347809	0.030545176	540	0.038504319
4/6/2005	66.41	-0.95513	0.030538264	541	0.050949854
10/16/2020	1480.06	21.83031	0.030529752	542	-0.000775087
8/18/2009	64.83	1.126967	0.030502409	543	-0.041394949
2/9/2004	30.48	-0.741274	0.030484454	544	0.006147324
11/1/2010	117.81	0.369802	0.030477978	545	-0.060521918
10/10/2011	86.00	2.845487	0.030456982	546	0.028161858
5/16/2003	22.36	-0.761119	0.030415416	547	-0.013765188
12/22/2006	93.62	0.670216	0.030374262	548	0.036283768
2/4/2005	56.05	-0.99236	0.03034992	549	-0.00255481
3/17/2022	7336.57	133.6094	0.030270057	550	-0.039519031
10/8/2004	54.50	-0.945524	0.030264543	551	-0.032317543
8/10/2020	1000.49	-0.64285	0.03025251	552	0.045413943
4/5/2021	2801.31	24.72655	0.03023088	553	0.00561437
3/2/2010	108.89	0.804075	0.030224367	554	0.02838257
5/25/2005	60.36	-0.432324	0.030173689	555	-0.042136824
8/10/2010	106.32	0.228181	0.030163707	556	0.058729191
7/10/2013	86.57	0.011822	0.030114013	557	0.017305406
4/2/2012	85.56	-0.338145	0.030094489	558	0.058804807
11/4/2010	129.27	2.578832	0.030064166	559	0.007971399
12/16/2008	36.12	-0.642335	0.030043134	560	-0.001564461
10/1/2012	100.99	-0.883222	0.030040211	561	0.005842932
3/1/2019	864.80	-0.878045	0.030005113	562	0.053320825
1/28/2022	7091.16	131.996	0.029967783	563	-0.020070888
11/24/2004	53.32	0.816503	0.029961572	564	-0.027207262
4/20/2004	29.35	-0.449836	0.029943194	565	-0.008545476
12/22/2004	53.35	-0.307348	0.029942567	566	0.040556557
8/7/2013	77.03	-0.868877	0.029922202	567	-0.024429207
3/12/2015	587.43	-0.906266	0.029915639	568	0.000143224
10/7/2021	6266.95	9.177517	0.029899609	569	0.002806522
3/27/2020	615.76	10.25946	0.029892741	570	0.049384795
7/17/2009	54.69	-0.993179	0.029755426	571	0.026084172
5/16/2022	8017.15	130.9546	0.029733756	572	0.008127001
5/12/2005	60.76	0.808944	0.029678017	573	-0.007863091
12/8/2003	33.59	-0.979268	0.029615177	574	0.012308752
10/23/2020	1620.08	28.96323	0.029547419	575	0.037295073

10/5/2004	54.07	-0.991042	0.029533124	576	0.003230026
1/12/2022	6035.80	49.48414	0.029526437	577	-0.012005418
10/12/2010	119.56	-0.95603	0.029469261	578	-0.025487413
4/1/2021	2719.10	32.24857	0.029373618	579	-0.000223351
9/13/2006	81.78	-0.990182	0.029359146	580	0.001129222
5/18/2022	8329.64	10.94126	0.029295486	581	0.008521917
2/8/2017	697.55	11.21703	0.029245661	582	0.005549359
5/29/2009	57.10	-0.887039	0.029162822	583	-0.01313383
5/8/2015	505.45	4.671873	0.029143872	584	-0.059772238
2/28/2012	89.12	-0.23021	0.02910976	585	-0.002608875
7/9/2010	115.77	-0.981716	0.029094067	586	-0.002891323
4/11/2023	6331.66	5.260155	0.029059283	587	-0.026089651
12/15/2015	1011.42	10.04496	0.029055928	588	-0.016631233
9/21/2011	91.57	1.863739	0.029040657	589	0.001362763
8/12/2002	31.98	-0.99576	0.029015509	590	0.021222403
2/7/2022	7542.21	1.52129	0.028990651	591	0.043725949
4/19/2021	2991.41	33.24315	0.028949347	592	0.039259443
10/12/2011	87.36	-0.987556	0.028942149	593	0.035503717
2/15/2022	7019.98	98.58152	0.028894435	594	-0.002937573
10/14/2009	70.49	0.046503	0.028890087	595	0.018696514
5/14/2008	67.36	1.347758	0.028872694	596	0.027687538
11/17/2003	28.69	-0.894012	0.028868091	597	-0.005496855
8/18/2014	270.71	-0.009065	0.028840143	598	0.004320824
7/15/2014	273.19	-0.459353	0.028835317	599	-0.042090708
6/9/2015	505.30	15.89966	0.028819894	600	-0.027091653
11/6/2003	29.90	-0.072428	0.028809023	601	0.026889344
5/7/2004	32.23	-0.665039	0.028777014	602	-0.026313127
10/31/2011	96.23	-0.849668	0.028758993	603	0.013247385
6/1/2017	640.14	-0.915494	0.028742809	604	0.008219618
6/1/2023	7575.12	64.51192	0.028693451	605	0.017597382
5/4/2007	115.63	-0.981881	0.028671235	606	0.000626716
12/27/2022	6381.62	81.39205	0.028627904	607	0.05322898
8/23/2006	77.45	-0.211528	0.028611801	608	0.006202627
3/8/2007	98.23	2.38195	0.02852352	609	0.052235622
11/21/2002	29.05	-0.700004	0.02850633	610	0.01810469
9/7/2012	96.82	-0.842205	0.028505033	611	0.053585452
7/31/2019	613.60	24.13784	0.028504448	612	-0.061958136
2/28/2003	24.41	-0.996765	0.028493747	613	0.02216482
10/25/2023	7545.25	108.3255	0.028460604	614	0.006738701
4/29/2008	69.02	-0.930105	0.028439894	615	-0.019345209
2/26/2018	987.42	2.891044	0.028389303	616	0.012649887
4/4/2014	253.77	-0.965749	0.028384686	617	0.026964654
5/26/2023	7409.02	112.5732	0.02838455	618	0.022167275
4/15/2008	65.24	-0.989975	0.028366728	619	-0.019139672
11/11/2021	6507.38	63.44513	0.0283378	620	0.01297642

3/12/2007	100.98	-0.837314	0.028286408	621	0.021000553
9/20/2019	620.68	-0.81818	0.028252297	622	0.038092182
4/30/2021	3413.69	-0.564113	0.028185737	623	0.02542516
11/6/2023	7831.60	71.74403	0.028173835	624	-0.002669383
7/31/2007	107.66	0.019698	0.028120366	625	0.024794834
3/30/2011	105.58	-0.917332	0.028106674	626	-0.011811026
9/28/2020	1277.16	16.79844	0.028070549	627	0.021247234
8/17/2006	71.76	-0.292736	0.028061371	628	-0.04585839
5/31/2011	101.46	-0.066359	0.027992503	629	0.069338485
1/23/2007	108.67	0.240888	0.02796015	630	-0.034179634
4/18/2013	87.57	-0.700955	0.027912984	631	-0.037691527
9/30/2014	292.84	2.252787	0.027912954	632	0.020220445
7/15/2013	90.03	-0.911284	0.027848805	633	0.044164651
8/19/2015	1014.78	11.82615	0.027800479	634	-0.031174541
1/5/2012	79.12	0.123811	0.027793116	635	0.043762664
2/13/2006	70.40	-0.908898	0.027777946	636	-0.002575806
7/26/2016	772.78	-0.096706	0.027660655	637	0.019891347
11/9/2017	855.51	10.45201	0.02759551	638	-0.038616782
7/19/2005	74.70	-0.33384	0.027587995	639	0.040482118
6/24/2010	112.14	-0.83026	0.027473647	640	0.006414005
9/26/2019	660.66	1.65946	0.027419887	641	-0.00759946
6/17/2014	248.42	2.133209	0.027394644	642	-0.015927547
6/2/2008	79.29	1.844751	0.027320073	643	0.00716749
10/29/2002	27.87	-0.846088	0.027299743	644	0.021058756
1/29/2014	181.08	4.665459	0.027294599	645	0.008312535
4/2/2009	31.96	-0.021877	0.027206718	646	-0.000842592
2/19/2009	32.68	-0.95897	0.027202633	647	0.024933434
8/16/2017	796.43	9.695468	0.02720251	648	-0.054602685
8/25/2005	74.46	-0.272195	0.027193303	649	-0.015662535
11/20/2013	102.31	-0.899678	0.027184817	650	0.011256
2/10/2020	1019.85	23.94699	0.027171192	651	0.000219861
12/29/2003	40.88	-0.604215	0.027103352	652	0.002448578
1/17/2007	103.29	0.048544	0.027089487	653	0.044983285
6/24/2011	98.51	-0.899175	0.027084938	654	-0.039825704
3/15/2018	977.02	12.11016	0.027071266	655	0.050631309
2/1/2008	74.52	-0.933628	0.027054093	656	-0.01802911
6/6/2018	1122.82	8.120627	0.02704335	657	0.007328247
7/2/2007	123.11	0.25279	0.027035098	658	-0.014152927
2/16/2012	98.27	-0.917819	0.027009043	659	-0.035089131
9/8/2020	1195.74	22.83206	0.026958641	660	0.007016181
7/14/2009	50.17	0.489112	0.026954179	661	0.021833714
12/4/2008	33.69	-0.447563	0.026949381	662	0.016613179
8/11/2009	60.99	-0.946061	0.026924249	663	0.026549244
5/23/2018	1130.73	11.57472	0.026893165	664	-0.02332271
8/10/2011	89.92	-0.989416	0.026850481	665	-0.017618109

6/1/2022	8495.79	1.558885	0.026834154	666	0.028560705
4/29/2021	3320.11	2.598701	0.026755612	667	0.022175929
1/30/2020	922.59	15.16366	0.026753247	668	0.031859192
7/24/2009	57.08	-0.245147	0.026734362	669	-0.000651921
2/27/2008	75.61	1.299816	0.026653493	670	0.000820663
6/25/2004	32.88	-0.968667	0.02664682	671	-0.04777364
2/13/2020	1049.33	0.291704	0.026581054	672	-0.01357132
1/9/2020	812.36	26.75242	0.026541777	673	0.012921089
11/28/2002	29.27	-0.708881	0.026538606	674	0.00704309
3/21/2011	100.55	-0.989395	0.026520706	675	-0.015468006
8/8/2022	9480.88	10.243	0.026491611	676	0.042822459
11/16/2017	843.27	9.838027	0.026475562	677	-0.010512301
4/27/2006	77.81	2.191792	0.026458666	678	0.031582669
4/7/2003	24.38	-0.994497	0.026440931	679	-0.008611713
7/15/2021	4429.64	38.50057	0.026373653	680	0.021968077
5/10/2010	112.14	-0.980164	0.026367746	681	-0.030750276
9/23/2021	5653.46	79.38164	0.026280665	682	0.041390855
11/18/2005	70.33	-0.338751	0.026262925	683	-0.04823893
2/3/2011	106.36	-0.173565	0.026258266	684	-0.012200866
4/1/2010	128.70	0.17521	0.026254233	685	0.06541868
9/28/2007	109.51	-0.865327	0.026230473	686	0.010088713
1/22/2016	813.18	-0.192781	0.026205181	687	0.024941648
4/12/2018	1007.39	0.084401	0.026184654	688	0.001128346
7/29/2020	928.98	0.065361	0.026167491	689	0.003478874
3/30/2016	871.98	-0.0523	0.026123243	690	-0.050532337
12/11/2015	920.11	0.18672	0.026044415	691	-0.013274352
8/14/2017	775.34	-0.205605	0.026041954	692	0.018886431
12/12/2018	976.01	10.11859	0.026034927	693	0.048803248
4/3/2012	87.78	-0.338145	0.025996574	694	0.050592401
11/8/2010	132.63	-0.982795	0.025996569	695	-0.004801105
2/19/2024	7708.65	7.550719	0.025980036	696	0.027551067
3/6/2019	901.52	0.356196	0.025970386	697	-0.025493246
12/9/2016	664.74	27.71036	0.025911406	698	-0.020609337
6/6/2003	23.15	-0.962675	0.02567752	699	0.00505198
12/27/2016	620.32	-0.285808	0.025639044	700	0.002404904
8/7/2015	868.56	-0.086917	0.02558439	701	0.0057067
12/11/2018	951.24	0.567226	0.025575456	702	0.007150199
12/1/2016	606.96	-0.234695	0.025571394	703	-0.019345548
10/30/2019	793.09	12.9363	0.025476528	704	-0.016123138
5/27/2009	56.91	-0.495405	0.025423976	705	0.008758407
4/30/2007	112.78	-0.929403	0.025416731	706	-0.038432135
12/1/2020	1597.52	14.21973	0.025405264	707	0.02050537
2/27/2007	104.96	0.276443	0.02539556	708	-0.030020004
8/29/2011	82.23	1.382091	0.025356646	709	-0.047668195
8/26/2002	34.52	-0.993161	0.025346733	710	-0.012360623

9/15/2021	5047.92	84.68832	0.025346	711	-0.020827902
4/1/2008	58.91	-0.992571	0.025308396	712	-0.048949733
6/27/2022	7929.44	8.027724	0.025306745	713	0.031230179
12/7/2017	878.34	-0.852251	0.025279005	714	0.051361831
12/14/2021	5944.83	108.6444	0.025248371	715	0.008431274
11/2/2004	54.22	-0.994459	0.025228802	716	0.013557886
8/24/2022	9784.30	14.19603	0.025185243	717	0.018133892
12/6/2016	643.87	6.229229	0.025134417	718	0.008692786
11/20/2007	89.07	-0.858196	0.025104744	719	-0.032587828
12/5/2016	628.09	4.422692	0.025080044	720	-0.027835758
5/25/2007	115.83	4.285546	0.025054839	721	-0.01745111
3/17/2003	21.91	-0.643563	0.024849608	722	-0.041828732
11/5/2009	61.48	-0.241453	0.024828721	723	-0.033001653
7/1/2013	81.05	0.111725	0.024827618	724	-0.011930539
8/10/2005	72.90	0.949995	0.024819471	725	0.012658206
12/15/2003	37.39	-0.851956	0.024713239	726	0.001322428
6/10/2014	252.54	-0.595567	0.024698057	727	0.011367693
10/18/2016	624.42	7.835083	0.024681432	728	0.030825439
10/3/2005	70.68	-0.714935	0.024602179	729	-0.040587633
6/5/2014	247.93	-0.647462	0.024600152	730	0.000233746
2/27/2017	703.26	30.71969	0.024596467	731	-0.06164939
4/11/2003	22.17	-0.974841	0.024553638	732	-0.016757738
5/12/2016	881.26	0.386867	0.024544901	733	-0.038421951
5/26/2017	635.43	-0.890288	0.024512879	734	-0.030459974
9/24/2021	5791.81	57.80015	0.024472623	735	-0.009789713
2/8/2012	98.50	-0.265541	0.024454778	736	0.033503003
11/29/2013	134.11	-0.980064	0.024444538	737	0.036160759
11/25/2022	6727.21	76.17596	0.024409233	738	0.008611184
5/18/2012	87.17	0.312062	0.024396388	739	-0.00710388
4/17/2008	66.44	1.727119	0.024383165	740	0.054276786
3/25/2004	24.36	-0.972118	0.024373866	741	0.014927354
7/2/2019	873.72	0.119959	0.024363151	742	-0.006594807
11/19/2019	780.14	10.62768	0.02435314	743	-0.038357037
9/23/2005	67.09	-0.93168	0.024339045	744	0.00484285
10/31/2018	982.03	15.81891	0.024297304	745	-0.021070959
5/3/2005	58.39	0.287832	0.024283116	746	0.001027677
5/7/2009	45.34	-0.984313	0.024224249	747	0.006533596
4/7/2021	2890.18	127.4909	0.024211389	748	-0.05432866
4/28/2003	22.49	-0.99691	0.024193711	749	-0.017777242
8/24/2023	7278.65	96.2994	0.024188258	750	0.071189022
12/16/2005	74.81	-0.866086	0.024172709	751	-0.001954786
6/24/2015	558.62	1.00134	0.024159505	752	0.002333513
7/4/2014	279.12	4.159155	0.024055909	753	0.027656359
1/7/2005	54.10	-0.192813	0.023989987	754	-0.020823365
8/25/2009	67.03	-0.984125	0.023952064	755	-0.013990226

7/29/2021	4222.18	129.1385	0.023928761	756	0.008995883
6/15/2004	32.44	-0.995727	0.023882402	757	0.068631857
3/23/2022	7593.49	7.082284	0.02387982	758	-0.039163
10/29/2018	939.52	13.11104	0.0238341	759	-0.007920635
3/11/2008	66.58	-0.928996	0.023756048	760	0.024869641
2/8/2018	937.71	0.110814	0.023693289	761	-0.001607329
9/7/2017	844.16	7.425454	0.023692665	762	0.003889139
4/3/2007	100.19	0.671551	0.023649264	763	0.031642597
3/30/2005	59.94	-0.013721	0.023639895	764	-0.030835877
5/9/2005	60.77	-0.993119	0.023595099	765	0.038346491
9/20/2022	8832.31	124.0816	0.023590158	766	-0.013942272
10/1/2009	70.61	-0.98104	0.02357914	767	-0.031031371
6/10/2021	3724.35	3.791437	0.023534275	768	0.005535495
12/4/2019	777.29	5.17971	0.023469824	769	-0.000440518
4/29/2010	125.78	-0.970325	0.023441455	770	0.037504097
8/12/2021	4238.61	3.052865	0.023431078	771	-0.028954683
12/22/2015	1045.83	8.122787	0.0233975	772	0.001069379
9/6/2007	114.64	-0.06796	0.023365402	773	0.04454084
3/18/2010	123.00	0.281602	0.0233164	774	-0.023534172
9/1/2010	95.97	-0.647546	0.023301919	775	0.025876831
3/12/2014	272.30	1.809798	0.023294853	776	0.013349296
8/7/2012	96.91	-0.977281	0.023266702	777	-0.045632642
8/3/2021	4265.56	86.13997	0.023231051	778	-0.004170684
10/1/2008	48.95	-0.994117	0.02320103	779	-0.013876856
7/22/2022	8321.07	130.7577	0.023181177	780	0.024481455
8/6/2008	63.15	-0.02604	0.023163682	781	0.043766299
6/15/2005	64.84	-0.876601	0.023157884	782	-0.007928327
4/22/2015	525.47	14.02512	0.023136472	783	-0.00761433
12/12/2008	34.97	-0.976207	0.023115044	784	-0.004992288
11/11/2020	1469.86	0.611377	0.023112132	785	0.012035975
9/11/2015	912.17	0.116377	0.023109227	786	-0.027349831
12/12/2019	817.08	11.04302	0.02310288	787	0.005643403
6/2/2006	67.85	-0.992265	0.023003139	788	0.022934654
8/3/2022	8771.54	1.068568	0.022975703	789	0.004632661
7/9/2021	4240.39	-0.529812	0.022957747	790	-0.011415973
9/13/2022	9018.50	0.459356	0.022936514	791	0.02691124
10/14/2021	6179.78	275.5209	0.022850866	792	0.007219223
4/21/2003	22.35	-0.63547	0.022844405	793	0.026743079
3/31/2005	61.31	-0.132975	0.022815777	794	-0.004416782
1/3/2006	70.71	-0.904085	0.022811879	795	0.048597867
4/24/2017	737.22	0.207726	0.022775058	796	0.02022522
8/21/2019	610.42	-0.107064	0.022762101	797	-0.000111793
2/16/2017	683.61	-0.234792	0.022746356	798	0.040204645
12/11/2017	893.36	0.044994	0.02274451	799	-0.038428215
9/2/2015	854.90	0.216471	0.022739805	800	-0.014184578

4/20/2020	702.77	11.56507	0.022714584	801	-0.018106358
7/20/2009	55.93	-0.198684	0.022703931	802	0.013867355
8/16/2006	69.80	-0.017896	0.022697626	803	0.010079648
1/19/2006	71.07	0.747415	0.022693493	804	0.008404986
7/4/2002	40.67	-0.647353	0.022672041	805	-0.02990425
10/6/2010	115.33	-0.92815	0.0226692	806	0.06859182
12/15/2020	1605.17	3.431682	0.022654094	807	0.002738066
2/11/2015	362.20	8.051787	0.022644078	808	0.017210311
4/28/2009	40.01	-0.961631	0.022596334	809	-0.006586984
2/11/2020	1042.88	0.087223	0.022579199	810	-0.029940006
12/27/2018	959.21	24.74516	0.022557222	811	-0.036083783
7/13/2004	37.26	-0.847241	0.022536109	812	-0.006375828
3/31/2014	243.90	6.935043	0.022516185	813	0.029621104
12/5/2002	30.74	-0.966001	0.022496203	814	-0.084960972
12/20/2017	904.05	9.323433	0.022469533	815	0.025476293
3/14/2013	87.57	0.018007	0.022414706	816	0.022218647
4/11/2012	86.02	-0.942674	0.022407029	817	0.012368662
11/3/2020	1500.61	-0.762864	0.022388533	818	-0.013165394
11/10/2021	6328.06	9.160698	0.022352523	819	-0.013045402
10/14/2019	622.80	-0.5078	0.022299518	820	-0.027319311
9/11/2020	1265.34	0.397714	0.022268831	821	-0.010423284
7/28/2020	905.29	-0.548329	0.022264113	822	0.014386441
1/8/2021	2004.31	20.15675	0.022186685	823	-0.016980305
1/17/2008	94.74	2.440836	0.022161178	824	0.031180973
4/5/2004	27.53	-0.975563	0.022115736	825	-0.000468444
10/3/2018	1126.69	18.30678	0.022078762	826	0.01103915
6/1/2009	58.36	-0.922743	0.022075697	827	0.032441394
7/3/2017	755.36	5.310056	0.022054911	828	0.054882997
7/9/2007	119.71	4.344865	0.02204329	829	-0.040156593
3/19/2003	22.40	-0.736853	0.022042603	830	-0.048822453
11/7/2006	85.11	1.322504	0.022022572	831	0.009975455
12/22/2003	36.65	-0.944181	0.022002745	832	0.008557474
7/22/2015	656.51	-0.566454	0.021994321	833	-0.044064804
10/21/2020	1514.29	-0.800984	0.021978701	834	0.011914671
10/18/2023	7608.90	6.924573	0.021966704	835	0.044028939
2/23/2018	960.17	6.807443	0.021947246	836	0.009327645
12/15/2010	122.98	-0.804373	0.021929153	837	0.024722987
7/20/2015	628.65	-0.897828	0.021914825	838	-0.001823365
4/10/2023	6152.87	77.69687	0.021909505	839	-0.069283145
8/25/2006	78.18	-0.878291	0.021875567	840	-0.038903226
7/21/2015	642.39	10.26578	0.021849433	841	-0.000778677
2/9/2005	57.02	-0.294184	0.02181689	842	-0.043620443
6/14/2013	80.79	1.674576	0.021798959	843	0.01126404
5/4/2004	30.21	-0.952607	0.021786654	844	-0.041143031
9/16/2019	637.35	16.5461	0.0217794	845	0.057276547

7/1/2004	36.32	-0.940375	0.021739039	846	-0.029933078
10/11/2019	609.21	6.938268	0.021733809	847	-0.036637059
9/16/2005	76.74	-0.953633	0.021679433	848	-0.013230989
10/26/2020	1655.15	-0.551723	0.021645711	849	-0.010342709
6/24/2021	3692.25	44.47463	0.021633682	850	-0.036292288
11/25/2011	81.19	0.150217	0.021588278	851	-0.005378996
11/28/2005	70.59	2.303815	0.021582706	852	0.007333927
5/14/2003	21.37	-0.975906	0.0215549	853	-0.032524718
9/21/2015	886.78	-0.087379	0.021550252	854	0.022643698
11/30/2018	971.69	10.2403	0.021547237	855	0.029403894
3/21/2012	86.45	-0.988818	0.021526857	856	0.015634147
7/14/2023	7730.75	76.97688	0.021498299	857	0.00550685
3/19/2007	99.14	-0.906739	0.021463995	858	0.013668181
2/2/2016	1063.06	38.46441	0.021441215	859	-0.034962483
4/2/2004	26.94	-0.125914	0.021367839	860	0.018703908
2/13/2004	30.82	-0.694678	0.02134491	861	-0.005465039
12/31/2007	100.93	-0.005144	0.021335167	862	0.005967696
3/29/2007	101.46	-0.637807	0.021329833	863	-0.034898844
8/27/2014	280.12	-0.966745	0.021289077	864	-0.011231996
10/4/2022	8423.27	158.2753	0.021269058	865	0.053888544
11/1/2004	52.88	0.619313	0.021255891	866	0.059214496
1/29/2009	32.66	-0.561873	0.021176468	867	0.045842297
5/28/2008	74.54	-0.218657	0.021165331	868	0.004770654
1/2/2007	95.40	-0.895705	0.021154821	869	0.013525983
11/27/2017	914.73	28.57615	0.021126822	870	0.057441204
3/31/2009	30.93	-0.960702	0.02111779	871	0.022798849
8/28/2017	787.01	10.65571	0.021010218	872	-0.070793126
3/2/2006	67.52	-0.221787	0.02099541	873	-0.005272153
9/27/2011	86.76	-0.919391	0.02093713	874	-0.022033467
9/1/2020	1076.36	0.154332	0.020934148	875	-0.034783272
11/19/2018	932.45	13.98063	0.020934015	876	-0.003424124
11/9/2009	62.24	-0.301208	0.020893775	877	0.019050668
9/16/2011	89.07	-0.861644	0.020878803	878	-0.000138296
12/29/2016	643.80	-0.575825	0.020816401	879	0.027764811
11/18/2020	1517.77	-0.765802	0.020680219	880	0.007823045
3/2/2022	6480.73	-0.230614	0.0206706	881	-0.003922118
12/1/2023	8423.25	7.596799	0.02065362	882	-0.025323973
2/5/2016	979.81	2.540665	0.020618557	883	0.008807188
9/18/2014	276.73	3.169335	0.020613564	884	-0.004281158
2/28/2006	66.37	-0.164973	0.020558888	885	0.006284806
6/16/2008	79.49	-0.186571	0.020536731	886	0.01139181
8/13/2012	97.72	-0.983591	0.02050591	887	0.001043939
10/22/2021	5955.05	97.0683	0.020503731	888	0.012540404
4/26/2005	60.72	-0.936663	0.020459586	889	0.028628671
10/30/2018	958.74	-0.171191	0.020451508	890	0.024852969

4/25/2018	1156.77	18.45221	0.020348022	891	-0.055554305
8/4/2009	59.47	-0.945906	0.020335863	892	0.044163906
5/16/2018	1099.33	41.48702	0.02031809	893	-0.002236558
3/30/2004	25.87	-0.949829	0.020317407	894	0.029913979
5/11/2015	515.72	11.80986	0.020317046	895	0.035561522
8/18/2004	40.26	-0.97045	0.020287425	896	-0.024569823
8/31/2018	1362.43	26.97671	0.020287067	897	-0.027465148
8/30/2004	48.70	-0.094012	0.020265416	898	-0.018728124
11/8/2004	53.75	-0.980228	0.020259856	899	0.0134523
3/16/2021	2718.56	92.02664	0.020246903	900	-0.018003186
4/29/2004	29.22	-0.856132	0.02023602	901	0.0094371
2/17/2014	203.13	1.171818	0.020231576	902	0.044276206
7/30/2012	93.53	-0.124191	0.020228389	903	0.02079234
1/29/2010	106.79	-0.853853	0.020221003	904	-0.034982464
4/10/2017	730.71	-0.225975	0.020218064	905	-0.028824523
4/27/2016	944.04	29.55339	0.020216758	906	-0.013796763
6/9/2004	30.90	-0.964955	0.020202084	907	0.012425019
2/17/2016	881.67	13.3228	0.020201844	908	0.003176871
6/3/2005	61.56	-0.438555	0.020177038	909	0.019097203
8/2/2007	109.64	-0.819786	0.020125222	910	-0.025881339
8/8/2019	608.39	5.734143	0.020113009	911	-0.016966494
6/8/2012	90.34	-0.902849	0.020090844	912	-0.019489273
4/2/2019	929.94	2.76888	0.020088533	913	0.03999127
4/17/2014	246.74	3.435466	0.020075686	914	-0.000484409
7/30/2009	55.63	-0.933875	0.020007084	915	-0.039623006
6/2/2016	841.28	0.031051	0.019989878	916	-0.014895791
8/7/2017	815.94	6.734217	0.019980089	917	0.012091598
11/29/2010	105.50	0.498516	0.019932241	918	0.038200551
12/27/2005	70.40	-0.954161	0.019865838	919	-0.036766711
11/5/2020	1535.82	0.432348	0.019833866	920	0.029282301
8/25/2020	1072.24	-0.862244	0.019825511	921	-0.011392923
6/8/2023	7783.63	114.4229	0.019706114	922	0.033216757
3/29/2006	67.44	-0.368314	0.0196994	923	0.013031187
4/1/2011	106.76	-0.984937	0.019693015	924	0.012526041
1/25/2022	7087.26	9.272095	0.019671307	925	0.005071871
10/23/2019	689.95	-0.922657	0.019649676	926	-0.011049132
9/22/2022	8920.72	119.9716	0.019637149	927	-0.030004388
2/12/2008	73.74	0.369126	0.019603116	928	0.031825331
7/1/2009	53.86	-0.935301	0.01958701	929	0.014328182
11/16/2015	832.49	0.076415	0.019569653	930	0.042543918
10/29/2019	773.39	7.975005	0.019560544	931	-0.023803356
1/12/2012	86.17	-0.894892	0.0195488	932	-0.0242826
11/19/2015	819.84	6.907931	0.0195256	933	0.01300153
1/16/2013	103.67	0.65324	0.019523914	934	-0.028152391
4/10/2008	62.71	-0.93536	0.019503316	935	-0.013634711

8/6/2020	970.13	41.64135	0.019482482	936	0.017647831
4/3/2003	22.75	-0.157424	0.019480839	937	0.023372325
11/15/2002	27.00	-0.697543	0.019452909	938	-0.002166036
3/15/2013	89.27	-0.131204	0.019431991	939	0.023697797
2/21/2007	102.76	0.170307	0.01943092	940	0.023572312
3/9/2012	87.80	0.373514	0.0194293	941	-0.021576572
7/4/2005	63.93	-0.438728	0.01941508	942	0.010249661
8/14/2007	113.89	0.197224	0.019358837	943	-0.009054831
7/2/2012	95.13	-0.668058	0.019291782	944	0.03246879
11/10/2014	286.59	3.698971	0.019230841	945	-0.029036715
3/18/2005	60.99	-0.933695	0.019230589	946	-0.005246582
1/21/2020	919.84	10.35794	0.019161967	947	-0.01142317
9/4/2013	80.99	0.174962	0.019149412	948	0.0131432
9/25/2009	68.93	-0.926773	0.019124728	949	-0.01434043
11/22/2018	941.28	7.763955	0.019108232	950	-0.006267786
2/7/2007	107.40	2.145499	0.01909098	951	0.006278231
4/20/2009	34.15	-0.849673	0.019090316	952	0.007324749
2/21/2014	227.14	1.046572	0.019076146	953	0.004619887
7/2/2010	110.98	-0.987394	0.019074929	954	0.040037366
9/5/2022	8803.83	88.11244	0.019018593	955	0.043761457
5/28/2010	98.79	2.268989	0.01900132	956	-0.004693344
12/24/2002	30.22	-0.965145	0.019001062	957	0.007680151
3/4/2016	867.08	1.194069	0.018995652	958	0.005351963
2/13/2015	395.19	3.349264	0.018980685	959	0.026992165
12/24/2007	90.86	-0.880244	0.018956338	960	-0.005556377
5/20/2020	758.75	0.121777	0.018955944	961	0.010863057
2/1/2017	676.38	-0.226775	0.018934148	962	-0.019106629
1/14/2020	874.75	11.96171	0.018910339	963	0.080995299
4/3/2006	67.49	1.425615	0.01889234	964	-0.030394518
9/16/2003	27.82	-0.666408	0.01886802	965	0.021533244
10/3/2013	83.40	0.340363	0.018862829	966	0.030733192
3/7/2005	62.22	-0.992905	0.018842151	967	0.052452894
12/21/2023	8770.45	8.335975	0.018830623	968	-0.015045613
8/3/2020	939.43	3.051299	0.018829916	969	-0.047929362
5/27/2014	231.88	-0.9596	0.018778895	970	-0.020680561
12/30/2021	5739.69	1.933594	0.018757276	971	-0.010620589
1/6/2021	1956.54	48.00366	0.018744543	972	-0.014365671
7/29/2004	39.93	-0.851302	0.018723292	973	-0.029188325
7/11/2014	268.51	2.819065	0.018705399	974	-0.028959205
4/30/2008	70.31	-0.973617	0.018698859	975	0.009734048
2/23/2021	2664.81	88.4816	0.018692878	976	0.021287393
3/13/2009	29.78	0.12918	0.018661551	977	-0.000123581
3/17/2004	26.37	-0.638921	0.018656555	978	-0.012852465
8/16/2005	73.04	-0.169924	0.018647019	979	-0.013171119
10/18/2011	87.99	-0.989167	0.018636337	980	0.046236254

6/29/2022	8122.67	0.14947	0.018620812	981	0.053950855
5/10/2023	7066.45	88.35187	0.018578518	982	0.014735577
6/28/2013	79.09	-0.914086	0.018544709	983	-0.048462262
1/28/2016	920.52	-0.272015	0.018524145	984	-0.010194945
6/25/2018	1264.48	-0.833656	0.018505037	985	-0.018422448
10/27/2023	7601.60	70.52826	0.018503396	986	0.003366181
7/22/2011	106.27	-0.981722	0.018473412	987	0.007249977
10/4/2021	5814.17	9.638293	0.018468626	988	0.012843182
6/30/2015	546.53	-0.914158	0.018459541	989	-0.009210275
1/3/2023	6366.74	60.43013	0.018451201	990	-0.013966204
5/13/2011	103.64	0.003059	0.018435907	991	-0.000870038
3/30/2007	103.33	-0.986347	0.018427472	992	-0.001464731
7/13/2023	7568.05	7.465637	0.018408721	993	0.085628407
11/22/2017	893.97	0.728407	0.018395338	994	-0.016120383
6/18/2015	517.22	-0.938424	0.018386113	995	0.006755223
10/14/2022	8399.70	93.40563	0.018369209	996	0.02615466
11/29/2006	88.97	1.234064	0.018341204	997	-0.014669256
7/21/2004	39.83	-0.943302	0.018337178	998	-0.006093021
3/23/2017	702.42	5.71436	0.01832268	999	0.001119391
6/3/2010	104.62	-0.860598	0.018313565	1000	-0.026771224
6/1/2020	750.46	7.233523	0.018302989	1001	-0.030009952
12/1/2006	91.15	-0.989025	0.018301175	1002	0.017604438
5/20/2022	8304.67	9.160403	0.018265543	1003	0.002944918
6/14/2019	817.36	6.037928	0.018263493	1004	0.026825631
10/11/2010	116.14	0.121392	0.01825726	1005	0.017493312
1/2/2013	103.56	0.031886	0.018232598	1006	-0.021534218
3/14/2011	100.36	0.685841	0.018197122	1007	-0.011299247
6/19/2006	59.53	-0.367603	0.018176549	1008	0.03289594
9/6/2012	94.14	-0.984595	0.018169079	1009	-0.037284061
11/3/2021	6110.83	8.228008	0.018167186	1010	-0.02428322
10/3/2019	662.20	0.124422	0.018146749	1011	0.01147204
4/6/2015	588.93	10.21383	0.018146725	1012	-0.001376771
10/4/2004	52.52	0.705053	0.018105584	1013	0.001343354
12/31/2002	30.80	-0.41388	0.018095045	1014	0.051240934
9/22/2004	52.55	-0.812607	0.018093588	1015	-0.010939369
1/5/2015	280.43	-0.950867	0.018063456	1016	0.038148124
11/30/2021	5707.61	47.00109	0.018012512	1017	0.055773424
6/22/2007	118.91	0.95801	0.017987593	1018	-0.050528854
4/3/2008	60.73	-0.42843	0.017977075	1019	0.005303535
7/19/2012	106.25	-0.360218	0.017976487	1020	0.013883142
12/24/2013	166.07	-0.954407	0.017969792	1021	-0.02107997
6/22/2021	3642.45	0.401141	0.017960552	1022	0.010562863
3/26/2021	2599.63	-0.64533	0.017956939	1023	-0.035092762
2/4/2022	7329.71	10.18452	0.017953409	1024	0.013154608
12/30/2016	655.34	-0.188135	0.017928902	1025	-0.016194829

6/5/2020	807.21	20.56161	0.017921145	1026	0.031123736
11/7/2008	37.44	-0.955918	0.017902885	1027	0.037213957
9/11/2017	849.27	-0.873744	0.017886812	1028	0.011049799
5/8/2023	6726.57	4.796817	0.017874712	1029	-0.037298523
6/8/2018	1160.39	3.047968	0.017839333	1030	-0.008275467
7/23/2014	286.66	-0.680354	0.017828335	1031	0.004149421
7/16/2020	896.80	8.100342	0.017812359	1032	-0.010748777
9/10/2012	98.55	-0.946217	0.017800923	1033	-0.028628849
1/1/2021	1832.31	2.020081	0.017789942	1034	0.029255766
9/6/2019	606.71	5.395591	0.017779277	1035	0.03922541
1/14/2008	94.86	0.092195	0.017745658	1036	-0.03726593
11/24/2006	86.86	1.590831	0.017734447	1037	-0.030821842
1/14/2009	33.52	-0.00224	0.017703942	1038	0.004193529
2/13/2009	33.60	-0.995735	0.017663709	1039	0.033645106
4/27/2022	7878.64	8.222891	0.017660495	1040	-0.015827455
5/27/2016	854.25	-0.857668	0.017657759	1041	0.00835497
11/2/2021	6001.79	23.57606	0.01765091	1042	0.042053982
3/27/2014	244.21	-0.957953	0.017623972	1043	0.02968834
12/1/2021	5808.10	5.883029	0.017607568	1044	-0.00040742
2/1/2019	843.83	32.38101	0.017505794	1045	0.019515029
7/25/2003	25.28	-0.996358	0.017498225	1046	-0.005347722
10/31/2022	6941.43	24.60073	0.017489355	1047	0.007104874
9/17/2014	271.14	1.639265	0.017477916	1048	0.018999321
6/2/2010	102.73	-0.87447	0.01746894	1049	-0.021750828
5/24/2019	818.40	8.177547	0.01745894	1050	-0.017731602
12/20/2007	89.17	0.182453	0.017420101	1051	-0.038069007
6/26/2008	75.41	0.225887	0.017410387	1052	0.024112364
7/28/2006	61.52	-0.125111	0.017373361	1053	0.009697311
12/2/2005	70.32	-0.234793	0.017361395	1054	0.016862724
6/22/2012	91.89	-0.984419	0.017354351	1055	0.000749107
11/1/2021	5897.69	91.76695	0.017352606	1056	0.008239894
6/20/2005	63.58	-0.958476	0.01734689	1057	-0.001371633
11/23/2020	1531.07	11.73706	0.017337454	1058	0.007031984
6/26/2007	120.21	-0.799886	0.017329737	1059	0.016979881
8/16/2019	600.69	8.151788	0.017296022	1060	0.016728238
3/27/2006	65.64	-0.984902	0.017268569	1061	0.031553749
8/16/2021	4347.45	41.65584	0.017266929	1062	-0.053353857
4/4/2007	101.92	-0.818592	0.017238464	1063	0.001272094
7/7/2015	561.82	4.006471	0.017236712	1064	0.006123503
3/16/2010	112.22	0.706163	0.017232291	1065	0.041853391
2/8/2006	65.77	-0.905775	0.017232179	1066	0.011313561
2/21/2017	698.04	5.170967	0.017159372	1067	-0.031629975
7/16/2010	113.12	4.146824	0.017147865	1068	0.013381288
5/28/2003	21.98	-0.25936	0.017138671	1069	-0.019534487
3/1/2004	29.67	-0.145528	0.017108226	1070	-0.006212045

4/21/2009	34.73	-0.850334	0.017079786	1071	0.070762892
2/26/2014	232.04	-0.972582	0.017066983	1072	0.008877911
7/25/2022	8463.05	11.18016	0.017063593	1073	-0.008281454
4/3/2017	694.82	2.149641	0.017031825	1074	-0.04218251
5/19/2014	220.60	1.882574	0.017022603	1075	-0.021592605
7/9/2008	76.53	0.285499	0.016999808	1076	-0.030185127
6/29/2006	59.53	-0.939321	0.016983975	1077	0.017472554
4/9/2018	981.12	-0.224987	0.016982295	1078	0.048710827
9/12/2018	1265.93	1.034427	0.016960005	1079	0.017438395
5/31/2017	622.26	-0.340481	0.016958761	1080	0.027185657
4/2/2018	943.50	-0.433571	0.016948332	1081	0.01915455
12/7/2020	1665.70	0.733867	0.016948081	1082	-0.064413815
4/5/2018	960.68	3.282245	0.016944123	1083	-0.0157558
5/20/2014	224.34	1.878266	0.016940554	1084	-0.011386377
8/13/2013	77.94	-0.939422	0.01693433	1085	0.0241191
7/3/2018	1286.65	22.33582	0.016930293	1086	0.003076499
11/3/2004	55.14	-0.257675	0.016917907	1087	0.072446706
8/17/2005	74.28	-0.990889	0.016897329	1088	0.039224369
5/26/2022	8152.49	80.78646	0.016875592	1089	0.028441006
12/7/2007	99.68	0.317708	0.016873903	1090	0.031779249
9/13/2005	75.65	1.291189	0.016820074	1091	-0.019159571
2/12/2009	33.02	-0.97806	0.016801882	1092	0.001879887
10/30/2020	1504.83	14.40664	0.016768316	1093	-0.038861423
7/5/2012	97.67	-0.989086	0.016758636	1094	-0.004292556
8/30/2022	8949.09	0.062428	0.016728998	1095	-0.003012378
11/21/2023	8423.25	51.41679	0.016723575	1096	-0.018514241
12/19/2013	160.70	-0.776652	0.0167067	1097	0.007939544
9/15/2016	719.49	29.5859	0.016706298	1098	-0.002648644
3/21/2003	23.52	-0.226165	0.016701306	1099	-0.003502682
11/7/2003	30.40	-0.951799	0.016693749	1100	0.011111861
12/28/2016	630.67	5.050216	0.0166906	1101	-0.017602633
2/21/2011	104.24	-0.884429	0.016690245	1102	-0.013447345
3/21/2016	901.95	0.370598	0.016681855	1103	-0.02808159
1/10/2017	658.07	7.8681	0.016679901	1104	0.026080699
12/6/2005	74.21	-0.704979	0.01667446	1105	0.017481074
4/2/2014	251.53	1.915694	0.016642685	1106	-0.036016589
10/11/2013	86.27	0.326464	0.016613971	1107	-0.024299116
2/27/2006	65.04	-0.922273	0.016613023	1108	-0.050419399
5/25/2016	836.72	1.948743	0.016604396	1109	0.029303787
7/7/2014	283.76	2.53432	0.016595568	1110	0.03636398
6/4/2013	80.29	-0.210639	0.016574607	1111	0.00105771
1/1/2013	101.71	-0.891332	0.016572347	1112	0.029914509
1/3/2018	935.97	0.164607	0.01656702	1113	-0.011961623
11/1/2017	803.68	0.032541	0.016554383	1114	-0.0310859
9/26/2017	778.35	13.06147	0.016539538	1115	-0.004530942

2/1/2005	55.35	-0.113051	0.016539084	1116	-0.01210225
8/8/2006	62.41	-0.928734	0.016531388	1117	-0.011375454
2/7/2019	875.71	22.83361	0.016521704	1118	0.012491867
7/6/2004	36.74	-0.504307	0.016480988	1119	-0.00945047
6/25/2008	74.12	0.410057	0.01645077	1120	-0.016168853
1/3/2005	52.57	-0.991644	0.0164464	1121	-0.033459099
3/8/2023	6290.88	95.81814	0.016440586	1122	0.001686331
7/5/2005	64.98	-0.214894	0.016436202	1123	0.035542291
11/22/2011	82.76	-0.179862	0.016389585	1124	-0.018208537
1/11/2010	100.91	1.500279	0.016383766	1125	-0.000594509
8/10/2004	40.36	-0.993163	0.016379546	1126	0.02284554
12/2/2021	5903.17	0.19373	0.016367891	1127	0.000586326
9/13/2021	4945.15	39.9662	0.016342912	1128	-0.046205977
12/21/2010	120.71	4.014835	0.016316676	1129	0.051136329
6/17/2003	24.07	-0.970828	0.016315363	1130	0.008590825
8/17/2015	825.16	0.487849	0.016290842	1131	0.04768235
6/22/2015	554.60	-0.884131	0.016278733	1132	0.01967669
9/1/2021	4786.41	4.070156	0.01625458	1133	-0.024147362
7/30/2020	944.04	34.88232	0.016208199	1134	-0.01382076
8/27/2003	26.31	-0.980305	0.016169163	1135	0.008494314
8/8/2018	1335.87	9.299506	0.016167913	1136	-0.050759774
12/30/2010	129.70	-0.505215	0.016152243	1137	0.048416241
3/21/2014	262.14	2.522657	0.016134569	1138	0.005831629
2/15/2008	74.41	-0.157093	0.016133207	1139	-0.054401133
11/23/2007	88.28	0.748186	0.01610882	1140	-0.008041854
10/26/2004	50.50	-0.541092	0.016107482	1141	-0.005395146
6/18/2010	110.04	-0.891017	0.016105652	1142	-0.021854454
11/5/2018	1009.74	1.969168	0.016089005	1143	-0.039759052
1/15/2015	340.07	-0.61298	0.01608853	1144	-0.069239809
3/5/2019	878.70	-0.706114	0.016074174	1145	-0.000222195
4/22/2021	2989.94	96.63278	0.016067295	1146	-0.016693429
6/2/2004	30.62	-0.995979	0.016025566	1147	-0.001803159
11/3/2023	7617.00	81.21927	0.016019968	1148	-0.051053661
12/18/2006	92.64	0.560358	0.01601251	1149	0.021045989
5/6/2005	59.37	-0.937325	0.015981756	1150	0.000123239
10/22/2018	947.30	7.716643	0.01597717	1151	-0.037758808
1/4/2008	108.68	0.413803	0.015973025	1152	-0.0300128
9/19/2013	76.87	-0.925403	0.015971691	1153	0.010554148
1/24/2018	1030.45	11.39455	0.015920141	1154	0.015419009
5/11/2006	83.14	-0.968569	0.01591972	1155	0.036257354
3/10/2021	2645.09	8.600128	0.015917591	1156	0.01968365
8/21/2014	275.53	5.87241	0.015916929	1157	0.007086951
12/24/2003	40.09	-0.988439	0.015911816	1158	-0.00690485
5/3/2021	3467.99	-0.550884	0.015904611	1159	0.009218121
2/6/2024	7721.80	0.098406	0.01589262	1160	-0.005815998

3/11/2022	7030.00	113.3462	0.015855809	1161	-0.010883656
8/29/2008	61.48	-0.400394	0.015853296	1162	-0.031067861
1/1/2008	102.53	3.724131	0.015847417	1163	-0.00364455
5/15/2003	21.70	-0.974554	0.015825255	1164	0.008451935
7/1/2019	852.94	-0.261961	0.015820934	1165	-0.035130949
5/29/2018	1155.68	0.408287	0.015807363	1166	0.020679964
5/17/2019	820.63	27.28373	0.015797403	1167	0.022221469
8/29/2003	29.01	-0.601553	0.015783471	1168	0.028102027
8/2/2005	72.82	-0.912731	0.015781563	1169	0.033378541
6/7/2016	834.41	20.10918	0.015735305	1170	-0.003256395
1/1/2004	39.53	-0.605094	0.015722177	1171	-0.015188985
9/21/2012	100.10	0.523221	0.015718473	1172	-0.022947231
8/20/2009	65.71	-0.424575	0.015702548	1173	-0.010592005
5/5/2010	114.20	0.279194	0.015687702	1174	0.072197186
2/27/2013	89.27	0.292945	0.015636847	1175	0.001725791
10/17/2005	69.05	-0.98735	0.015632876	1176	-0.006181325
12/28/2021	5458.29	64.95229	0.015613175	1177	0.018955146
12/1/2011	82.76	-0.229118	0.015596731	1178	-0.010848339
2/17/2010	107.36	-0.623153	0.015573039	1179	-0.009261556
9/29/2014	284.89	1.136703	0.015550257	1180	0.044028557
11/11/2010	133.33	0.571999	0.015546631	1181	0.029619484
1/10/2012	84.82	-0.937997	0.01547029	1182	0.006177946
8/21/2018	1367.94	12.08674	0.015425185	1183	0.002980731
9/20/2010	104.53	0.330284	0.015421623	1184	-0.015630066
9/4/2006	78.58	-0.916197	0.015416215	1185	0.009425814
10/15/2018	937.63	-0.888806	0.015413786	1186	0.01179956
5/23/2022	8432.36	112.7035	0.015375979	1187	0.026953686
12/23/2011	74.16	1.487017	0.015371337	1188	0.001218605
2/24/2004	29.82	-0.973844	0.015350536	1189	-0.044733174
6/7/2018	1140.05	-0.765414	0.015345907	1190	-0.024974563
9/2/2021	4859.85	0.286629	0.015344968	1191	-0.027731249
6/28/2021	3777.20	39.48922	0.015270722	1192	0.009718446
6/25/2012	93.29	-0.987146	0.015214369	1193	0.009431088
10/19/2022	7257.31	-0.158325	0.01520551	1194	0.011436794
7/29/2022	8622.45	0.015614	0.015192719	1195	-0.00808547
9/30/2022	8489.89	9.60794	0.015168703	1196	-0.013192902
10/23/2017	800.33	36.12231	0.0151679	1197	-0.000521384
4/1/2003	21.56	-0.821181	0.015162903	1198	-0.017192798
7/18/2007	120.57	-0.576697	0.015151632	1199	-0.035451996
10/29/2014	284.82	8.414286	0.015143124	1200	0.004719005
12/19/2002	30.25	0.332624	0.015126622	1201	-0.003570332
5/19/2003	22.70	-0.784314	0.015118737	1202	0.002912964
7/18/2011	105.26	2.599819	0.015117323	1203	0.042859794
4/15/2004	29.24	-0.769083	0.01509213	1204	-0.056251744
3/30/2010	126.62	-0.096827	0.015082372	1205	0.015315652

12/6/2013	140.20	3.795597	0.015067999	1206	0.006490699
3/12/2009	29.23	-0.709839	0.015022836	1207	-0.002129541
12/30/2009	100.75	2.298689	0.015004994	1208	-0.006709739
10/17/2002	30.54	-0.98854	0.014981106	1209	0.045295395
3/5/2021	2665.20	2.451106	0.014979791	1210	-0.044798776
8/23/2017	772.28	10.65646	0.014973498	1211	0.002966654
4/17/2006	66.25	1.163411	0.014968357	1212	0.048668358
10/11/2002	30.62	-0.595533	0.01494147	1213	-0.021807103
12/9/2005	75.72	-0.214639	0.01493561	1214	0.008689309
11/1/2012	96.41	-0.985431	0.014928832	1215	-0.007908065
2/6/2023	6617.32	6.237021	0.014921327	1216	0.032750222
4/20/2016	914.37	-0.18046	0.014912331	1217	-0.02971307
5/17/2018	1115.71	30.7863	0.014902773	1218	-0.001303189
12/11/2003	35.10	-0.991867	0.014897915	1219	0.031274967
7/14/2021	4315.81	-0.440066	0.014892032	1220	0.012489282
4/20/2022	7707.71	76.67931	0.01488987	1221	-0.011452012
11/14/2013	99.22	2.216391	0.014877647	1222	-0.014442762
9/27/2002	30.85	-0.676176	0.01483031	1223	0.003498784
12/22/2009	95.27	-0.9307	0.0148226	1224	0.002926739
10/8/2020	1374.71	10.31728	0.014734533	1225	0.030215993
7/10/2007	121.47	-0.851047	0.014725525	1226	-0.007393243
11/2/2017	815.49	-0.890042	0.014703396	1227	0.013466445
3/22/2022	7416.39	236.7974	0.014702015	1228	0.00304237
12/6/2002	31.19	-0.960544	0.014667527	1229	0.03455434
7/5/2017	790.45	-0.050548	0.01463677	1230	-0.001697619
11/8/2017	832.54	-0.862431	0.014630782	1231	-0.000600786
4/5/2023	6051.76	5.273101	0.01462255	1232	-0.023454578
11/28/2018	964.72	2.463928	0.01456943	1233	0.050657746
10/27/2014	278.50	1.953627	0.014567034	1234	-0.001546473
11/22/2012	94.29	0.433626	0.014554165	1235	-0.028924598
11/17/2009	65.77	-0.975061	0.014510342	1236	0.017646417
3/30/2021	2637.30	4.258801	0.014489561	1237	-0.006564942
6/16/2015	501.50	-0.620993	0.014477473	1238	0.027660745
7/20/2018	1323.20	3.716856	0.014476992	1239	0.004260361
9/26/2014	280.53	1.731675	0.014460739	1240	0.046020555
3/29/2011	102.69	2.636286	0.014460242	1241	-0.018450584
11/20/2002	28.24	-0.71943	0.014459492	1242	0.014423983
11/18/2013	100.66	-0.984689	0.014433878	1243	0.004030222
3/3/2022	6574.26	91.45968	0.014432968	1244	0.026408424
5/25/2006	71.10	-0.148048	0.014428997	1245	-0.00631564
10/7/2011	83.46	-0.662668	0.014417899	1246	0.008049085
4/1/2014	247.41	-0.691878	0.014404976	1247	0.020123997
10/12/2017	802.97	6.893664	0.014392712	1248	0.022799851
3/22/2007	101.72	-0.987912	0.014382178	1249	0.004443312
7/27/2022	8415.43	69.43639	0.014363821	1250	0.053716889

6/13/2007	119.48	0.664252	0.014361335	1251	0.024805198
7/21/2008	71.79	1.172836	0.014353909	1252	-0.012372814
9/11/2002	33.04	-0.705566	0.014335202	1253	0.032789221
7/22/2010	112.21	-0.851894	0.014335117	1254	-0.019668453
7/29/2015	757.66	-0.915681	0.014333458	1255	-0.031059243
12/14/2023	8985.65	8.759442	0.014324864	1256	0.003664553
1/2/2018	920.71	-0.843978	0.01431447	1257	0.003286631
1/4/2022	5901.20	6.053417	0.014269593	1258	0.007078221
12/18/2019	836.64	0.010266	0.014249817	1259	0.007827459
8/26/2015	828.14	0.467289	0.014245271	1260	-0.012753416
11/10/2016	564.40	-0.564238	0.014162482	1261	-0.004611814
9/17/2018	1295.21	10.51559	0.014153547	1262	0.008742094
1/14/2010	112.47	0.249024	0.014136681	1263	-0.013916677
7/18/2013	90.05	0.042838	0.014113041	1264	0.052760922
5/16/2013	86.35	-0.101905	0.014091907	1265	-0.011094809
2/7/2012	96.15	0.286722	0.014074928	1266	0.011907352
7/7/2008	74.72	-0.349773	0.014059994	1267	0.018880987
10/21/2010	114.92	-0.115519	0.01400774	1268	0.045707428
11/15/2010	129.93	1.193291	0.013998169	1269	0.051157652
3/28/2005	59.24	-0.337043	0.013988083	1270	-0.019489252
10/22/2013	89.36	2.468549	0.01396637	1271	-0.044807254
6/27/2003	25.76	-0.973219	0.013941804	1272	0.034077157
2/14/2018	961.95	12.23214	0.013893687	1273	0.00563289
7/18/2005	72.70	-0.341482	0.013865672	1274	0.030465718
2/3/2010	110.40	0.092371	0.013858897	1275	0.036521943
10/23/2007	101.06	-0.830465	0.013858481	1276	0.047144382
9/5/2019	596.11	-0.17783	0.013846712	1277	-0.007141191
5/4/2017	725.04	5.883342	0.013825059	1278	0.032619296
10/26/2007	105.33	1.60876	0.01382119	1279	-0.056367957
7/22/2004	40.38	-0.993477	0.013819048	1280	0.008627494
11/9/2021	6189.70	5.241458	0.013816654	1281	-0.019326658
2/28/2018	991.71	0.725251	0.013812515	1282	0.031684293
5/29/2015	574.82	8.345221	0.013784061	1283	-0.014710454
4/9/2008	61.51	-0.95418	0.013780704	1284	-0.020128338
8/13/2018	1342.41	0.743177	0.013757995	1285	0.033377156
7/18/2016	770.10	6.838857	0.013752037	1286	0.019087532
8/8/2012	98.24	-0.867337	0.013732354	1287	-0.013011722
8/30/2016	740.53	-0.500226	0.013726177	1288	-0.001071418
10/20/2020	1481.73	1.161025	0.013723939	1289	-0.007926154
2/2/2017	685.66	5.335849	0.013721354	1290	-0.017558401
4/4/2011	108.22	0.409717	0.013711742	1291	0.012530062
8/22/2011	76.77	1.575783	0.013706082	1292	-0.045345392
10/3/2002	29.80	-0.978098	0.013691241	1293	0.055334224
8/14/2018	1360.77	-0.830328	0.0136774	1294	0.009184386
7/7/2022	8020.03	100.1048	0.013675941	1295	0.01663841

10/4/2006	79.32	-0.186811	0.013651893	1296	0.019165615
11/2/2011	97.55	-0.984556	0.013647429	1297	-0.032104693
1/17/2022	6316.16	66.1561	0.013640717	1298	0.051092145
11/27/2012	94.05	-0.091098	0.013637457	1299	-0.026763856
1/5/2010	103.48	-0.869983	0.013630234	1300	-0.00762602
12/27/2019	795.89	-0.139201	0.013620471	1301	0.018940255
9/14/2015	924.59	0.136604	0.013613256	1302	0.009209067
10/25/2017	813.47	6.674792	0.013609479	1303	-0.038854221
2/17/2011	105.99	0.372709	0.013603946	1304	0.022806867
1/29/2008	77.21	-0.91027	0.013600583	1305	0.02013961
5/9/2016	860.52	-0.887909	0.013591664	1306	0.04196401
5/4/2022	7676.91	75.08251	0.013587947	1307	0.024959415
12/27/2012	100.90	-0.450528	0.013587482	1308	-0.015274219
2/4/2014	183.64	0.693168	0.013587021	1309	-0.025856637
2/10/2010	108.46	0.772926	0.013552994	1310	0.046294922
5/26/2005	61.17	-0.933758	0.013539522	1311	0.017017854
12/3/2015	923.48	0.098954	0.013526905	1312	0.079688743
3/2/2016	840.33	-0.026781	0.013526759	1313	0.010673318
10/20/2015	863.45	-0.818161	0.013517218	1314	-5.10804E-05
8/25/2021	4748.45	42.87818	0.013516858	1315	-0.030460745
4/21/2011	108.22	-0.86953	0.01351596	1316	0.009046486
5/27/2019	829.45	-0.124718	0.01350724	1317	0.042790936
2/5/2018	947.64	11.90722	0.013493755	1318	0.011944447
12/21/2011	73.42	-0.982487	0.013450329	1319	0.013513505
7/22/2021	4192.22	5.818285	0.013423737	1320	-0.000808758
9/9/2019	614.85	-0.499441	0.01341922	1321	-0.007982582
6/15/2018	1228.32	13.18466	0.013400135	1322	0.02293834
4/17/2012	86.60	-0.989433	0.01338609	1323	-0.005165923
11/15/2023	8194.75	72.10554	0.013348939	1324	-0.005425486
7/26/2007	112.09	0.471487	0.013309484	1325	-0.038967971
1/28/2008	76.18	-0.242694	0.013297669	1326	-0.044542132
6/29/2011	100.59	-0.985565	0.013291768	1327	-0.026077939
5/23/2023	6968.42	24.70673	0.013280911	1328	-0.022943378
12/31/2014	271.07	7.464419	0.013248419	1329	0.022480363
6/24/2004	32.03	-0.624094	0.01324485	1330	-0.022375652
4/17/2013	85.19	-0.107998	0.01323284	1331	-0.003131646
3/7/2007	95.51	0.013222	0.013222422	1332	0.018284869
3/6/2007	94.26	0.839854	0.013205805	1333	-0.062091778
9/8/2004	51.23	-0.564426	0.013192599	1334	0.040814776
4/18/2007	117.62	-0.975826	0.013190242	1335	0.011398598
9/9/2021	4865.63	156.228	0.013187037	1336	0.01861606
10/18/2002	30.95	-0.996518	0.013178682	1337	0.011892028
8/4/2022	8887.03	160.5025	0.013167034	1338	0.083401208
7/22/2009	55.03	-0.543992	0.013162573	1339	-0.019856459
12/24/2010	120.67	-0.965951	0.013155468	1340	-0.014916926

6/7/2021	3544.06	28.27946	0.013137431	1341	-0.032009047
6/14/2007	121.04	4.400608	0.013114514	1342	-0.016509874
6/4/2003	22.41	-0.182138	0.013100622	1343	0.004878172
7/14/2003	27.40	-0.921987	0.013094889	1344	-0.017006832
2/9/2015	351.28	5.294866	0.013038907	1345	0.001860619
2/8/2005	55.80	-0.240809	0.013018326	1346	0.022858867
4/5/2006	73.50	1.335115	0.012993219	1347	0.015698062
12/10/2002	31.48	-0.946405	0.012953152	1348	-0.015924718
11/28/2016	587.32	14.3413	0.012949771	1349	0.022237475
11/3/2008	38.28	-0.995627	0.012941688	1350	0.015799428
1/10/2024	8755.45	122.0763	0.012940278	1351	-0.033187336
5/29/2006	71.14	-0.984816	0.012936103	1352	0.036400863
8/24/2021	4685.12	4.862176	0.012934135	1353	0.036346346
11/1/2019	799.21	6.884843	0.01288221	1354	-0.038819973
10/18/2012	101.36	1.658623	0.012862262	1355	0.002569918
8/16/2004	38.13	-0.550006	0.012849048	1356	-0.055656936
10/9/2013	84.72	-0.006792	0.012841169	1357	-0.056847122
12/7/2011	85.30	0.406324	0.01282686	1358	-0.009548487
3/11/2005	60.66	0.56289	0.012809989	1359	-0.008416506
10/16/2008	38.81	-0.953799	0.012763609	1360	0.021194835
5/28/2019	840.03	0.653983	0.012755251	1361	0.02665245
6/17/2015	507.89	-0.169514	0.012730207	1362	0.018557353
11/1/2016	611.55	-0.2049	0.012703985	1363	0.006555616
11/25/2019	769.15	-0.135537	0.012685476	1364	0.050139594
5/17/2016	889.74	13.91472	0.012659101	1365	0.006527118
4/2/2008	59.66	-0.919886	0.01265029	1366	-0.027856812
5/19/2020	744.63	-0.127329	0.012643995	1367	0.020643959
10/16/2015	853.28	0.002772	0.012623444	1368	-0.000619138
3/3/2016	850.92	-0.111051	0.012603124	1369	-0.058425417
11/13/2018	957.22	17.71989	0.012597125	1370	0.017289286
10/27/2004	51.13	0.639542	0.012549593	1371	-0.014456325
10/13/2003	31.19	-0.995952	0.012545883	1372	-0.019462794
10/19/2023	7704.05	9.790124	0.01250508	1373	0.051154045
5/2/2017	713.99	-0.13696	0.012499468	1374	0.02899512
12/13/2019	827.30	0.026704	0.012499256	1375	-0.013892673
5/15/2019	805.78	-0.084282	0.012459125	1376	0.007097632
12/5/2017	879.94	6.14671	0.012458787	1377	0.025356099
5/31/2007	123.13	-0.855926	0.012445015	1378	-0.038459855
2/21/2019	854.60	15.99007	0.012421433	1379	-0.025366492
12/13/2004	50.30	0.367777	0.012420386	1380	-0.050686554
7/2/2004	36.77	-0.642037	0.012411292	1381	0.011243377
12/9/2009	102.73	1.031649	0.01235992	1382	0.004547751
9/7/2004	50.57	-0.294785	0.012354053	1383	0.026080748
7/15/2005	71.70	-0.98865	0.012342552	1384	-0.037880813
4/18/2023	6317.77	193.568	0.012329584	1385	0.010887138

2/11/2009	32.47	-0.953836	0.012317022	1386	0.027531968
4/5/2017	703.38	-0.909853	0.012316428	1387	0.016231578
4/21/2022	7802.63	111.9204	0.012314805	1388	-0.0433846
11/25/2005	69.10	-0.924701	0.012305311	1389	-0.01162982
10/26/2018	917.65	-0.684357	0.012299175	1390	-0.023882969
4/16/2021	2907.24	2.720183	0.012278604	1391	0.02508546
9/1/2017	781.48	8.836289	0.012257295	1392	0.022211633
9/12/2006	79.45	-0.175917	0.012250362	1393	-0.063023193
12/3/2007	96.41	0.785263	0.012213897	1394	0.015630674
12/23/2004	54.00	-0.324524	0.012190856	1395	0.037177484
10/9/2006	79.95	-0.987367	0.012173417	1396	0.018613666
1/20/2023	6328.69	3.865132	0.01216347	1397	-0.003375326
7/9/2018	1300.83	1.590223	0.012161677	1398	0.003096941
3/23/2015	502.21	-0.24129	0.012088084	1399	0.011078016
1/4/2017	661.92	1.412726	0.012086819	1400	0.030967815
1/1/2015	274.35	1.735148	0.012069283	1401	-0.013962693
5/24/2010	100.30	-0.803859	0.012062297	1402	0.051781473
6/10/2015	511.38	3.921421	0.01205041	1403	-0.003418233
8/19/2010	103.91	-0.859004	0.01204803	1404	0.046867233
5/29/2020	736.97	-0.900995	0.012040353	1405	0.002388371
10/13/2023	7443.75	1.105446	0.012025369	1406	-0.032264028
5/27/2021	3535.47	3.295084	0.012017609	1407	0.004589104
6/11/2019	823.14	6.022562	0.012015893	1408	-0.023729681
5/28/2007	117.21	-0.983398	0.011990799	1409	-0.006047988
5/16/2023	7060.35	66.89798	0.011960289	1410	0.031689094
2/22/2007	103.98	0.339219	0.011956684	1411	0.018320686
6/27/2013	77.65	0.24805	0.011941734	1412	0.027300123
9/1/2008	62.21	-0.38963	0.011933834	1413	0.037654227
12/19/2012	101.93	-0.699958	0.01191258	1414	0.017075968
1/19/2015	339.71	9.622076	0.011911228	1415	0.000845878
1/28/2009	31.98	-0.960394	0.011904714	1416	-0.003199899
1/3/2020	807.50	6.663177	0.011892564	1417	-0.014202489
7/5/2011	105.37	-0.885493	0.011878977	1418	0.020493237
3/26/2018	920.24	-0.269159	0.011854135	1419	0.033061716
9/17/2020	1259.16	10.36135	0.01182367	1420	-0.032823784
3/8/2010	110.83	-0.812735	0.011809029	1421	-0.005382761
11/30/2016	591.82	-0.539506	0.01180044	1422	-0.013296244
7/6/2018	1285.20	-0.819159	0.011786067	1423	-0.021316488
8/23/2023	7106.75	3.816993	0.011773862	1424	-0.002448565
11/14/2020	1475.35	18.63419	0.011772189	1425	-0.000700611
2/19/2008	75.14	-0.92823	0.011747426	1426	0.047980027
8/20/2020	1046.98	0.215332	0.011706084	1427	-0.012456569
2/6/2019	861.48	-0.883667	0.011700476	1428	0.006408329
9/5/2023	7405.30	77.26425	0.011680647	1429	0.026086812
7/31/2012	94.62	-0.020551	0.011663234	1430	-0.001647096

1/28/2013	96.60	-0.987344	0.011651672	1431	-0.013335572
6/7/2023	7633.21	101.3204	0.011644371	1432	-0.018224629
12/8/2005	74.60	1.533235	0.011622884	1433	0.025263575
1/14/2003	29.45	-0.42125	0.011614828	1434	0.012477196
12/14/2004	50.88	-0.197876	0.01160497	1435	-0.024758614
4/11/2008	63.44	-0.237407	0.011594398	1436	0.025997925
8/30/2011	83.18	-0.86122	0.01159194	1437	-0.007318265
4/16/2015	599.40	19.26532	0.011579707	1438	0.043740103
4/16/2004	29.58	-0.96285	0.011563938	1439	0.047167152
7/20/2017	796.17	-0.862752	0.011544067	1440	0.008522393
10/26/2021	5800.95	56.19386	0.011533452	1441	-0.017095922
1/14/2013	101.43	2.110775	0.011531845	1442	-0.029324948
5/10/2004	32.60	-0.860988	0.01148856	1443	-0.007676673
5/28/2014	234.55	2.529192	0.01148437	1444	-0.039331257
10/26/2005	66.46	-0.889113	0.011479192	1445	0.011446289
8/2/2019	599.34	1.277792	0.011463454	1446	0.009343082
8/14/2014	263.12	-0.90165	0.011441095	1447	0.06698561
3/12/2021	2675.36	-0.654297	0.01144051	1448	-0.051205254
7/14/2022	7738.88	-0.127586	0.011431132	1449	0.023642137
12/22/2023	8870.65	280.5198	0.011424749	1450	-0.007674891
8/16/2002	31.51	-0.610293	0.01136953	1451	0.027741592
10/10/2006	80.86	-0.647155	0.011358429	1452	0.008218671
5/13/2014	229.15	-0.970279	0.011358014	1453	0.020817998
6/20/2023	7710.01	8.373244	0.011349333	1454	0.032852021
9/5/2017	822.55	8.831271	0.01134519	1455	-0.00774066
4/10/2013	83.67	-0.687366	0.011339726	1456	0.040048953
8/11/2014	267.62	-0.761644	0.011333378	1457	-0.005366381
5/9/2018	1122.77	0.391353	0.011322081	1458	-0.010708545
5/22/2019	806.97	0.007223	0.011296777	1459	-0.010240217
7/8/2016	801.18	-0.132682	0.011296086	1460	0.092953581
1/16/2020	923.74	0.137601	0.01128628	1461	0.022456197
10/13/2017	812.01	-0.032979	0.011257185	1462	0.034223128
1/29/2019	839.70	-0.078897	0.011255796	1463	-0.019370084
3/7/2019	911.63	-0.044745	0.011209359	1464	-0.016045134
3/12/2018	954.33	9.246641	0.011173891	1465	-0.03351149
2/25/2013	93.14	0.493479	0.011132201	1466	0.004291674
11/12/2009	62.36	0.104585	0.011121802	1467	0.036201247
6/16/2009	56.46	-0.351999	0.011118508	1468	-0.002732267
1/13/2012	87.12	-0.127789	0.011061845	1469	-5.82069E-05
5/20/2011	99.89	2.410203	0.011060027	1470	0.023537319
3/27/2009	29.29	-0.947174	0.011038916	1471	0.010405063
7/3/2015	554.48	6.063059	0.011019446	1472	0.037631374
9/22/2006	78.50	-0.890694	0.011006822	1473	-0.033935271
6/9/2017	718.21	6.016241	0.010996212	1474	-0.018153314
10/16/2012	102.36	-0.883785	0.010989104	1475	-0.008617045

4/1/2016	880.82	27.28618	0.010988284	1476	-0.027120041
1/1/2003	31.14	-0.702213	0.010977221	1477	-0.001270618
2/16/2011	104.57	2.912391	0.010962841	1478	-0.032695681
8/8/2003	26.73	-0.972857	0.010962169	1479	-0.027573509
12/14/2018	984.69	6.714568	0.01095966	1480	-0.042659122
12/29/2010	127.64	0.402111	0.010940841	1481	-0.055081491
7/19/2013	91.03	-0.052357	0.010934349	1482	-0.009138096
7/4/2012	96.06	-0.640464	0.010922788	1483	-0.062879967
12/22/2014	267.19	-0.595102	0.01091726	1484	-0.039670368
1/16/2017	659.89	-0.925807	0.010895228	1485	0.031066815
4/4/2022	8894.32	172.772	0.01087202	1486	0.050224464
12/8/2004	51.18	-0.253895	0.010869511	1487	0.032279241
10/20/2005	68.60	-0.104297	0.010861351	1488	-0.022449594
9/20/2005	76.59	-0.907847	0.01085955	1489	0.01573074
6/27/2019	831.11	10.39695	0.01084839	1490	-0.032397787
6/24/2008	72.92	1.853906	0.010834096	1491	-0.004545954
7/28/2003	25.55	-0.966222	0.010828391	1492	-0.028609039
5/12/2020	756.48	6.797395	0.010814338	1493	0.001080751
11/4/2011	97.02	0.400221	0.010814295	1494	0.012848356
10/11/2005	69.29	-0.421568	0.010752826	1495	-0.010147357
1/21/2010	119.78	-0.983229	0.01074922	1496	-0.05288398
5/11/2023	7142.36	106.3774	0.010741568	1497	0.016097831
12/1/2009	66.52	-0.986141	0.010720436	1498	0.008592904
8/26/2021	4799.34	32.87008	0.010717211	1499	0.029387722
12/9/2013	141.70	-0.88509	0.010694278	1500	0.031237004
6/19/2018	1233.13	18.53466	0.010688408	1501	-0.027634512
4/12/2005	63.13	0.969158	0.010680947	1502	-0.018697495
2/24/2009	32.06	-0.619571	0.010675775	1503	-0.029967687
1/25/2012	84.27	-0.98629	0.010670835	1504	0.039529323
3/1/2023	6146.42	70.17016	0.01066201	1505	0.00870412
5/7/2012	86.36	-0.837086	0.01065937	1506	0.015992964
3/24/2020	530.11	-0.215142	0.010653881	1507	-0.0619912
3/14/2017	675.42	12.30875	0.010641953	1508	-0.016894794
9/10/2004	50.75	-0.981986	0.010627657	1509	-0.011333068
2/9/2021	2817.25	42.16969	0.010609111	1510	-0.002967846
6/9/2005	65.26	-0.929763	0.010588713	1511	0.018894768
1/15/2019	929.13	0.495339	0.01057844	1512	0.001808206
9/11/2019	621.35	-0.409022	0.01057736	1513	0.036644954
8/24/2020	1051.40	0.903658	0.010559489	1514	0.026487966
7/1/2015	552.30	-0.315827	0.010559065	1515	-0.021460135
6/9/2020	807.26	9.289892	0.01055358	1516	-0.035305792
9/26/2006	78.45	-0.251098	0.010550399	1517	-0.025896386
2/7/2011	104.76	0.636101	0.010541192	1518	0.0038018
9/4/2009	64.03	-0.09996	0.010516491	1519	0.011109221
8/9/2005	71.14	-0.887253	0.010469736	1520	-0.0590493

10/19/2016	630.95	5.501938	0.010456409	1521	0.020982262
11/7/2012	97.04	-0.88289	0.010449566	1522	-0.000974572
6/20/2016	828.63	2.096537	0.010404701	1523	-0.006451084
3/14/2014	267.60	-0.050849	0.010392857	1524	0.00492922
9/3/2014	281.93	-0.966263	0.010340266	1525	-0.000548815
9/28/2022	8356.94	109.5735	0.010316142	1526	-0.003981654
12/19/2005	75.58	-0.668728	0.010311706	1527	0.017669035
2/25/2014	228.15	8.612988	0.010306496	1528	0.012419518
2/27/2003	23.73	-0.971735	0.010281246	1529	-0.022270344
6/28/2019	839.65	10.17697	0.010275109	1530	-0.004078805
2/21/2008	75.12	0.351349	0.010266305	1531	-0.021004519
7/23/2009	55.59	-0.111494	0.010256452	1532	-0.017651655
7/3/2006	62.57	-0.372468	0.010240816	1533	0.006303811
9/7/2010	99.70	-0.113693	0.010236169	1534	-0.013157704
7/8/2010	112.49	-0.98678	0.010207735	1535	-0.016529892
10/6/2022	8509.24	129.466	0.010207035	1536	0.010356061
8/11/2006	65.22	-0.990137	0.010204299	1537	0.014501271
1/27/2023	6612.51	-0.186907	0.010178524	1538	0.008576583
7/21/2022	8132.55	0.24455	0.010167877	1539	-0.005253786
11/15/2021	6534.53	37.09586	0.01015597	1540	-0.005455944
1/21/2014	171.53	1.791779	0.010147665	1541	-0.020711371
3/9/2005	61.44	0.824928	0.010145233	1542	-0.005091314
9/5/2002	33.67	-0.881662	0.010145071	1543	-0.032740832
9/8/2014	284.50	1.787625	0.010083123	1544	-0.011116889
7/12/2012	102.06	-0.583579	0.010062851	1545	0.046140867
4/11/2014	245.09	-0.716012	0.010052335	1546	0.034604551
11/24/2015	863.01	10.21112	0.010040686	1547	-0.003007143
1/4/2012	76.98	-0.992739	0.010005458	1548	0.029200574
8/17/2022	10601.79	91.05612	0.010000899	1549	0.022870401
5/17/2007	115.17	-0.984382	0.00999348	1550	0.032681631
8/28/2023	7374.15	180.3603	0.009956886	1551	-0.020425677
8/19/2004	40.66	-0.993832	0.00994199	1552	0.007697232
4/28/2023	6591.92	-0.214176	0.009941903	1553	-0.048307111
11/29/2023	8388.55	74.49552	0.009914234	1554	-0.011958593
8/9/2007	111.11	0.125132	0.009912002	1555	-0.024026099
3/3/2011	98.76	-0.984044	0.00990926	1556	-0.028277039
3/6/2023	6189.13	6.542839	0.009908551	1557	-0.030652793
11/7/2017	820.53	-0.881464	0.009908293	1558	-0.04636727
11/7/2022	6922.18	7.01773	0.009901523	1559	-0.032691953
9/3/2015	863.36	10.12149	0.009899963	1560	0.014153102
9/20/2013	77.63	-0.923221	0.009897907	1561	-0.008894937
8/17/2020	1011.08	9.282569	0.00989561	1562	0.014495656
11/1/2013	98.33	0.264097	0.009882673	1563	-0.02944332
8/8/2013	77.79	-0.383974	0.009877777	1564	-0.021244769
4/20/2010	126.27	-0.98266	0.009874237	1565	0.044011698

10/4/2023	7281.90	258.6216	0.009874174	1566	0.025298566
11/21/2003	28.05	-0.974397	0.009855188	1567	-0.004448985
5/21/2018	1095.52	0.286549	0.009851218	1568	-0.014227866
2/5/2019	851.52	-0.900782	0.009846329	1569	-0.02659708
6/9/2022	8582.26	9.276347	0.009832732	1570	0.016414558
6/3/2019	835.15	-0.048573	0.009809645	1571	-0.019321077
7/2/2020	877.78	26.84322	0.009809426	1572	0.023768836
12/13/2002	31.53	-0.992637	0.009798574	1573	0.001898066
7/12/2021	4281.90	4.20789	0.009789598	1574	0.017864588
6/26/2019	822.20	11.55284	0.009789091	1575	-0.023034488
3/13/2006	65.50	-0.924776	0.009778263	1576	-0.026294477
12/15/2017	870.72	13.01192	0.009772897	1577	-0.019111106
6/29/2005	62.14	-0.393427	0.009756131	1578	0.031290059
6/1/2011	102.45	-0.902987	0.009754088	1579	-0.006152092
12/23/2015	1056.01	0.580004	0.009728563	1580	0.007412321
1/5/2017	668.36	1.420151	0.009723182	1581	0.032545365
12/10/2014	276.16	-0.544672	0.009719255	1582	0.005164655
8/19/2019	606.51	20.22205	0.009704183	1583	0.012985053
11/25/2003	28.58	-0.660613	0.00966998	1584	-0.003916327
10/4/2013	84.21	-0.049414	0.009659115	1585	-0.038924016
5/24/2012	88.59	0.051811	0.009657012	1586	0.018585852
12/5/2011	84.22	0.23543	0.009649771	1587	0.032878084
3/3/2006	68.17	-0.211777	0.009647376	1588	0.008949402
2/1/2012	86.49	-0.02832	0.009643975	1589	0.03514532
6/19/2012	89.01	-0.989462	0.009610687	1590	-0.00261027
12/11/2023	8446.25	122.3055	0.009610547	1591	-0.035719355
11/14/2005	68.50	-0.147277	0.009600844	1592	0.000658222
6/7/2013	80.33	-0.076876	0.009596753	1593	-0.038961912
4/30/2012	87.02	-0.969263	0.009584629	1594	-0.017953994
2/16/2021	2831.08	26.96084	0.009584625	1595	0.070491207
10/15/2012	101.25	2.50138	0.009571395	1596	-0.038130474
11/26/2002	28.92	-0.967319	0.00955597	1597	-0.049968664
2/22/2016	884.84	0.26221	0.00955077	1598	0.049783686
1/24/2017	701.03	-0.914822	0.009536698	1599	0.019488723
5/27/2022	8230.13	76.85441	0.009523907	1600	-0.029300904
1/22/2007	105.71	0.166434	0.009522358	1601	-0.005837276
11/7/2007	90.63	0.310605	0.009516133	1602	0.025188195
11/16/2005	69.15	-0.91106	0.009509544	1603	0.013493899
11/29/2019	777.49	-0.135005	0.009507821	1604	0.02148203
4/12/2016	898.83	7.816433	0.009505479	1605	-0.029934046
10/3/2012	101.95	0.984719	0.009505148	1606	0.02109636
12/15/2004	51.37	-0.916165	0.009504724	1607	-0.020414996
12/2/2016	612.72	18.07988	0.00948935	1608	0.043417921
2/6/2009	32.11	-0.500731	0.009461553	1609	0.066031039
8/4/2008	64.32	-0.964653	0.009447443	1610	0.048927614

12/29/2020	1819.70	25.85451	0.009440889	1611	0.006575639
7/7/2005	67.76	0.870143	0.009440734	1612	0.0429497
4/15/2009	36.23	-0.971632	0.009434017	1613	-0.010622003
9/14/2020	1277.25	0.346217	0.009419017	1614	-0.017767309
2/12/2018	948.77	-0.88276	0.009416432	1615	-0.010501813
5/17/2022	8092.57	60.99938	0.009407511	1616	0.009006394
1/3/2011	130.53	3.699527	0.009406604	1617	0.013646912
10/29/2003	27.77	-0.89877	0.009362285	1618	0.034374854
8/25/2014	274.37	-0.652667	0.009361394	1619	0.005544158
7/26/2017	789.93	7.928178	0.009354119	1620	-0.013488163
11/22/2006	88.48	-0.131328	0.009343937	1621	-0.006970338
1/12/2010	101.85	-0.983671	0.009322169	1622	-0.007767328
10/18/2021	6237.38	208.9667	0.009321208	1623	0.008072474
9/9/2003	29.71	-0.677463	0.009299889	1624	0.012709752
9/8/2011	92.10	-0.989156	0.009285229	1625	-0.043715476
7/28/2022	8493.42	86.62198	0.009267299	1626	0.042963981
2/21/2012	96.93	-0.983267	0.00926359	1627	-0.021071515
12/31/2021	5792.85	87.46533	0.009261936	1628	-0.049445629
3/20/2006	65.48	-0.307093	0.009247241	1629	0.025893966
12/16/2009	94.50	-0.027638	0.009209014	1630	-0.012483042
5/25/2011	97.19	-0.976935	0.009205607	1631	-0.047756437
8/9/2021	4213.64	147.8615	0.009185374	1632	-0.031911657
11/24/2003	28.31	-0.630043	0.009184783	1633	0.015885442
8/22/2013	76.51	-0.722471	0.009149969	1634	0.022059183
7/16/2014	275.69	4.007474	0.00914834	1635	0.037358999
7/20/2006	55.05	0.149012	0.009138478	1636	-0.064145434
9/1/2004	47.92	-0.478404	0.009132675	1637	-0.004036297
7/22/2013	91.86	-0.984343	0.009095325	1638	0.019819506
12/9/2021	5867.29	55.21552	0.009083362	1639	0.037088899
7/18/2012	104.37	0.044542	0.009069721	1640	-0.032783864
10/9/2012	99.92	0.624973	0.009032896	1641	0.016483705
5/31/2005	61.49	-0.026053	0.009031038	1642	-0.024715476
9/4/2008	63.14	-0.23986	0.009019879	1643	-0.021046494
3/30/2012	83.06	-0.028012	0.009006645	1644	0.037292582
4/16/2012	85.45	-0.898617	0.009004507	1645	-0.011867564
6/18/2020	842.86	8.839205	0.008996544	1646	0.0088398
1/31/2012	85.66	1.126797	0.00898204	1647	-0.003483211
4/24/2009	40.28	-0.95897	0.008953696	1648	0.024154035
4/11/2018	981.68	-0.797863	0.00895155	1649	-0.015835627
9/7/2021	4856.50	-0.376585	0.008859222	1650	-0.023064708
2/7/2024	7790.15	5.099728	0.008851576	1651	-0.019956092
9/14/2018	1277.13	0.095405	0.008844581	1652	0.008844707
5/30/2018	1165.90	0.245787	0.00883975	1653	0.005568083
3/21/2018	935.87	12.90997	0.008830244	1654	0.057871956
11/26/2009	67.28	0.04268	0.008815604	1655	0.023799428

3/14/2008	64.53	0.250904	0.00880915	1656	0.009780384
10/28/2004	51.58	-0.409794	0.008806034	1657	-0.012649686
9/14/2011	87.40	0.058693	0.008801961	1658	-0.022071593
5/5/2006	82.55	-0.989985	0.00879767	1659	-0.032867385
11/8/2023	8242.90	0.060003	0.008780954	1660	0.004088886
2/20/2024	7776.30	1.164968	0.008775843	1661	-0.046177066
5/18/2021	3591.88	-0.397795	0.008774401	1662	0.038183745
4/3/2023	5964.54	-0.149944	0.008759626	1663	-0.011508102
12/1/2022	7016.64	86.11199	0.008758598	1664	-0.008508538
6/24/2013	80.55	0.23068	0.008742972	1665	0.038765494
7/28/2008	65.45	-0.402894	0.008698207	1666	0.017700045
1/24/2007	109.61	-0.069561	0.008684036	1667	0.003185995
11/24/2010	117.81	-0.866559	0.008649689	1668	0.045208157
4/30/2019	882.83	32.33147	0.008618361	1669	-0.003956488
8/13/2003	26.49	-0.995617	0.008583633	1670	-0.02484424
3/21/2023	6042.33	1.16752	0.00857074	1671	-0.003883186
2/8/2021	2787.67	3.693267	0.008570594	1672	0.053146818
4/7/2015	593.97	21.35767	0.00856451	1673	-0.035979291
8/21/2003	26.57	-0.125596	0.008557362	1674	-0.00025336
6/7/2004	30.38	-0.662276	0.008551352	1675	-0.033332663
3/2/2012	89.96	-0.223377	0.008549042	1676	0.000997164
9/11/2007	115.84	0.786808	0.008545615	1677	0.028316945
2/22/2006	64.83	-0.948537	0.008533459	1678	-0.013422011
9/21/2020	1259.74	0.835652	0.008520483	1679	-0.001908529
2/20/2017	686.27	6.001741	0.008498416	1680	0.031298106
5/26/2011	98.01	-0.65106	0.008485453	1681	0.002221006
12/1/2014	280.89	-0.709873	0.008483533	1682	0.023419234
2/24/2020	968.16	-0.221472	0.008480549	1683	-0.000666155
6/20/2018	1243.58	-0.789829	0.008475544	1684	-0.012824823
12/10/2021	5916.99	84.2716	0.008471563	1685	0.005173502
9/28/2005	69.39	-0.923709	0.008470639	1686	0.013822005
3/28/2019	909.54	7.282926	0.008469123	1687	-0.006086294
3/3/2010	109.81	-0.875807	0.008459419	1688	-0.021409632
12/19/2017	884.18	5.915289	0.008375836	1689	0.023290509
4/22/2010	127.86	-0.981154	0.008345966	1690	0.012115052
5/11/2022	6784.49	74.59191	0.008333652	1691	-0.018254581
6/20/2012	89.75	-0.902672	0.008329324	1692	-0.003110362
2/3/2020	922.15	0.665675	0.00832283	1693	0.030129188
7/13/2015	553.62	24.73657	0.008317298	1694	0.017033735
5/6/2003	21.51	-0.978547	0.008301832	1695	-0.016199835
11/7/2018	1002.72	-0.847637	0.008301156	1696	-0.006886957
1/31/2023	6581.11	56.26173	0.00829265	1697	0.002441272
9/4/2007	114.93	0.060728	0.008292091	1698	-0.051608833
10/9/2007	108.35	-0.694085	0.008288061	1699	-0.006339207
2/10/2015	354.18	-0.951597	0.008278885	1700	-0.032629352

10/20/2022	7317.39	82.39933	0.008278362	1701	-0.024409962
5/23/2012	87.74	-0.126686	0.008276614	1702	0.011743166
6/9/2011	100.47	-0.884265	0.00827646	1703	0.031782517
9/18/2015	868.08	-0.796877	0.008272507	1704	0.034537992
8/13/2021	4273.66	69.46707	0.00826813	1705	0.005969353
6/27/2006	60.65	-0.892322	0.008264219	1706	0.03911032
6/25/2015	563.23	-0.31784	0.0082565	1707	0.032621816
12/9/2019	825.66	0.028937	0.008235828	1708	0.035758213
12/30/2019	802.44	6.592158	0.008231855	1709	-0.025131635
2/26/2010	105.69	-0.985638	0.008225597	1710	0.010878679
10/10/2023	7359.40	-0.163577	0.008219854	1711	-0.012598158
4/1/2022	8798.66	80.24352	0.008218088	1712	-0.01559344
6/17/2010	108.30	2.908328	0.008210113	1713	0.065114491
3/12/2004	27.71	-0.648463	0.008201943	1714	-0.039702376
8/28/2006	78.83	-0.308713	0.008198646	1715	-0.015112251
5/16/2007	114.03	0.067911	0.008186504	1716	-0.014132868
4/20/2011	106.78	0.631208	0.00817602	1717	-0.00873666
8/24/2009	65.46	-0.90899	0.008149696	1718	0.008105591
5/9/2017	719.24	0.460301	0.008138692	1719	0.052147065
6/12/2015	492.53	6.235594	0.008138444	1720	0.009714858
11/10/2005	68.07	0.888191	0.008123905	1721	-0.026163655
12/18/2003	36.05	-0.558649	0.008104404	1722	0.042341839
5/28/2013	81.68	-0.893351	0.008077555	1723	-0.027468195
8/5/2016	765.90	0.059584	0.008071903	1724	0.013687598
5/12/2017	722.83	-0.270152	0.00806498	1725	-0.024842204
12/5/2018	990.38	-0.849902	0.008064428	1726	-0.015349816
2/15/2023	6598.22	120.8666	0.008056974	1727	-0.023935063
6/29/2009	54.14	-0.212023	0.008056199	1728	0.002552366
10/9/2009	68.71	-0.991002	0.008050746	1729	-0.0042413
6/2/2023	7636.09	32.22585	0.008049009	1730	0.021825315
6/2/2014	229.82	2.814239	0.00804861	1731	-0.025400095
7/13/2006	60.25	0.594246	0.008042961	1732	0.031760126
10/31/2008	37.79	-0.564997	0.008027868	1733	-0.067787092
11/19/2007	86.88	0.257304	0.008013534	1734	0.027700039
9/15/2009	69.10	-0.927326	0.008004716	1735	0.006740655
11/27/2018	950.86	41.54733	0.007996789	1736	0.040071093
4/15/2003	22.35	-0.983264	0.007988101	1737	0.039745109
8/30/2018	1335.34	10.93692	0.007986388	1738	0.014405426
7/5/2010	111.87	0.606078	0.007946452	1739	0.005038515
9/16/2009	69.65	-0.569977	0.007940701	1740	0.041504983
12/20/2013	161.97	0.941708	0.007937538	1741	0.017764037
12/2/2011	83.42	-0.891068	0.007934044	1742	-0.003550568
9/29/2017	765.78	-0.485026	0.007931695	1743	0.033365083
11/17/2020	1487.02	12.10029	0.007911922	1744	-0.004031842
5/11/2007	113.51	0.102079	0.007905085	1745	-0.011055808

12/12/2012	103.00	0.232959	0.007899169	1746	-0.007967735
3/5/2013	83.54	-0.936285	0.007896729	1747	-0.016789478
7/10/2018	1311.09	4.79848	0.007889561	1748	0.016325011
5/21/2014	226.11	-0.704509	0.007880337	1749	0.01687177
8/17/2016	765.20	-0.849595	0.00786272	1750	0.04807032
9/16/2021	5087.60	2.144901	0.007861673	1751	-0.028120192
12/16/2020	1617.73	0.2508	0.007821995	1752	0.009714688
9/7/2018	1293.36	0.455594	0.007800407	1753	0.017492053
2/18/2016	888.54	-0.899216	0.007789568	1754	0.008365351
9/12/2022	8816.29	75.75839	0.007780602	1755	0.006962657
12/2/2010	114.86	0.4624	0.007778269	1756	-0.033029716
9/29/2006	78.54	-0.910345	0.007768002	1757	-0.027003792
9/23/2015	876.03	0.40054	0.00776751	1758	-0.023981724
9/23/2019	625.50	0.081	0.007761483	1759	-0.036655717
11/8/2016	578.63	-0.892976	0.007757104	1760	-0.006344719
12/22/2021	5406.51	4.79511	0.00775594	1761	0.035623557
1/23/2020	932.94	-0.667305	0.007753557	1762	0.014120333
2/15/2021	2804.20	1.810827	0.00773754	1763	-0.006875943
2/6/2020	997.64	0.233656	0.007737176	1764	0.011597272
7/13/2017	808.69	-0.298622	0.007729441	1765	0.010788856
5/3/2018	1153.00	10.23659	0.00769424	1766	-0.020322911
5/11/2011	102.61	0.023128	0.007694238	1767	0.054238719
10/12/2012	100.29	-0.124831	0.007672176	1768	-0.006080768
4/24/2007	114.60	-0.859479	0.007672176	1769	0.063671114
7/4/2016	815.52	-0.003623	0.007657385	1770	0.00412469
7/12/2019	818.48	-0.864528	0.007650703	1771	-0.002085941
10/13/2021	6041.72	7.061564	0.007647846	1772	-0.015377306
5/15/2020	749.45	-0.079556	0.007642899	1773	-0.05352775
6/25/2019	814.22	0.049297	0.007632631	1774	-0.001775861
7/19/2016	775.97	9.062736	0.007630511	1775	0.04016947
7/10/2008	77.11	-0.979273	0.0076208	1776	-0.024318269
6/25/2021	3720.39	18.93176	0.007620081	1777	-7.04825E-05
12/31/2013	186.66	-0.807218	0.007610431	1778	0.059250621
12/31/2018	968.23	31.26744	0.007603479	1779	-0.018960964
3/16/2009	30.01	-0.958117	0.007580452	1780	0.02518615
4/19/2017	716.44	9.833313	0.007575265	1781	0.016696984
3/28/2006	66.13	-0.992695	0.007573724	1782	0.036932222
12/15/2023	9053.60	77.44456	0.00756197	1783	0.060632061
3/10/2010	115.41	-0.869377	0.007527985	1784	-0.007609776
7/6/2020	883.57	8.80044	0.007525925	1785	0.073992762
11/29/2007	90.16	-0.904806	0.007515986	1786	0.006011848
1/5/2018	947.08	-0.861558	0.007512329	1787	-0.044219676
11/18/2022	6840.97	71.20951	0.007511078	1788	-0.03107537
12/18/2009	94.74	0.338606	0.007502955	1789	0.007599729
7/18/2008	70.77	0.332625	0.007498671	1790	0.029080788

7/16/2009	53.11	0.750758	0.007494832	1791	0.022365056
9/25/2002	30.33	-0.631383	0.007486648	1792	0.078697064
5/29/2013	82.29	1.526445	0.007478734	1793	0.010760701
6/17/2004	32.57	-0.950528	0.007470349	1794	-0.002665581
10/4/2016	658.40	-0.922125	0.007457388	1795	0.034914578
12/6/2023	8454.55	149.858	0.007441546	1796	-0.018868452
7/31/2009	56.04	-0.346857	0.007439902	1797	0.021821921
5/7/2013	85.81	-0.694176	0.007428168	1798	0.004307947
10/28/2014	280.57	3.772443	0.007423628	1799	-0.028504385
6/2/2009	58.79	-0.319432	0.007414524	1800	0.037746533
10/17/2011	86.38	-0.167245	0.007411057	1801	0.026120527
7/13/2011	103.73	-0.86919	0.007405809	1802	-0.022184922
6/4/2020	793.00	24.84005	0.007405151	1803	-0.011474109
2/11/2004	30.69	-0.995789	0.007399529	1804	-0.004569866
9/18/2023	7288.15	70.80499	0.007394967	1805	0.021453253
12/31/2009	101.50	2.037862	0.007391512	1806	-0.026786186
11/28/2008	33.41	0.012243	0.007373632	1807	-0.041375877
6/21/2004	33.01	-0.691326	0.007371356	1808	-0.04714658
9/25/2007	106.93	-0.982735	0.007362819	1809	-0.005887775
1/13/2023	6193.69	53.96233	0.007358785	1810	-0.019014454
7/6/2010	112.69	-0.832955	0.007358178	1811	0.032676884
3/16/2017	674.61	-0.234368	0.007346979	1812	0.038686332
7/15/2020	881.11	-0.687755	0.007345561	1813	-0.027606192
4/6/2021	2821.86	82.98498	0.007335882	1814	-0.027769555
1/19/2009	33.60	-0.478613	0.00733192	1815	0.011131251
4/5/2005	64.44	-0.929909	0.007299281	1816	-0.000136881
1/14/2019	919.41	6.925686	0.007276889	1817	0.009312479
5/18/2007	116.00	-0.094665	0.007266787	1818	0.007668333
4/12/2010	128.13	1.067882	0.007240759	1819	-0.012452158
7/31/2006	61.96	-0.921804	0.007236168	1820	-0.024162023
1/21/2016	792.42	2.173242	0.007230876	1821	-0.016415188
6/6/2014	249.72	1.851048	0.007220805	1822	0.009942822
7/12/2013	87.59	-0.509032	0.007205244	1823	0.049845769
2/11/2014	178.40	-0.781559	0.007201362	1824	0.013239998
6/21/2019	816.69	4.006178	0.007196649	1825	-0.047307541
12/23/2013	163.14	6.226835	0.007184409	1826	-0.029172159
6/5/2003	22.57	-0.996306	0.00718386	1827	0.009285455
3/17/2023	6111.09	69.90027	0.007178881	1828	-0.025065495
4/27/2012	86.19	-0.867254	0.007178158	1829	-0.008428234
9/30/2016	649.31	-0.10073	0.00716161	1830	0.03559116
6/14/2017	722.04	12.34161	0.007155845	1831	0.03445278
1/28/2005	54.12	-0.117838	0.007138426	1832	0.00720765
8/27/2008	61.35	-0.783779	0.007103024	1833	-0.049237476
10/9/2014	283.73	-0.617842	0.00709684	1834	0.019410246
4/25/2017	742.44	-0.791478	0.007085121	1835	0.016701097

5/28/2021	3560.49	140.2088	0.007074986	1836	0.007363044
2/6/2003	25.21	-0.967821	0.007074028	1837	-0.015581678
2/29/2016	783.56	-0.084709	0.00707346	1838	0.015859147
10/27/2015	856.08	-0.853242	0.007072731	1839	0.030698796
12/16/2021	5833.23	67.93009	0.007064359	1840	-0.037686496
3/20/2012	84.63	0.124575	0.007058119	1841	0.045612467
7/8/2008	75.25	-0.142748	0.007054381	1842	-0.007539149
5/21/2012	87.78	-0.952427	0.00704741	1843	-0.028546981
1/4/2021	1845.20	1.942058	0.007039857	1844	0.00093806
10/15/2019	627.18	5.482012	0.007039162	1845	0.009913501
1/31/2013	96.76	-0.845916	0.007039098	1846	-0.013434752
8/27/2019	627.95	-0.283843	0.007030165	1847	-0.002886162
12/18/2017	876.84	2.162059	0.007028901	1848	0.029837534
11/18/2014	277.30	3.450476	0.00701299	1849	0.009414239
9/8/2008	62.31	-0.921763	0.006993255	1850	0.028515239
7/10/2017	796.40	0.19894	0.006987919	1851	-0.055990999
12/20/2016	664.25	22.70981	0.006963736	1852	0.039977815
9/17/2003	28.02	-0.680955	0.00694447	1853	-0.019043951
10/18/2013	87.81	-0.989841	0.006928576	1854	-0.001146777
1/9/2024	8643.60	14.7427	0.006925463	1855	0.048726759
7/10/2015	549.05	15.69638	0.006916673	1856	0.03570631
1/30/2009	32.88	-0.944861	0.006912574	1857	-0.011362649
7/15/2015	596.39	-0.22542	0.006910281	1858	0.011853245
7/29/2016	769.96	-0.898282	0.006891827	1859	0.061991187
2/9/2022	7569.50	226.9937	0.006841199	1860	0.018162839
2/18/2004	33.20	-0.948761	0.006835891	1861	-0.025517551
12/8/2016	647.95	-0.134202	0.006811971	1862	0.048696073
5/11/2020	748.39	-0.894263	0.006804905	1863	0.006058526
3/14/2022	7077.83	4.264283	0.006803569	1864	0.027383343
8/3/2018	1344.50	0.06265	0.006785519	1865	-0.02431969
7/2/2018	1265.23	0.621564	0.006780484	1866	0.024002106
8/30/2017	780.26	-0.202386	0.006773357	1867	0.053060092
12/3/2018	978.24	0.868991	0.006737807	1868	0.010294912
5/18/2015	523.40	-0.386644	0.006730007	1869	0.028144289
11/13/2017	853.34	0.052399	0.00672033	1870	0.040412806
6/20/2019	810.86	32.28505	0.006715136	1871	-0.032938216
2/18/2003	24.36	-0.770787	0.006653315	1872	-0.018002285
7/30/2010	106.28	-0.863376	0.006639272	1873	0.009547125
7/27/2016	777.91	-0.301858	0.00663856	1874	-0.014691817
5/11/2018	1114.25	40.46406	0.006635019	1875	-0.011025563
7/16/2003	26.87	-0.975103	0.006634531	1876	0.043723634
8/26/2020	1079.35	-0.864801	0.006632549	1877	-0.0238867
7/11/2022	7983.41	0.100789	0.006611919	1878	-0.002133246
10/24/2022	7252.44	8.884822	0.006610431	1879	-0.002811179
10/25/2019	733.70	7.661256	0.006609401	1880	0.009716588

5/15/2012	84.71	-0.987006	0.006544237	1881	-0.022582738
2/23/2022	6519.18	10.56293	0.00653871	1882	-0.013129127
5/26/2015	563.80	-0.915177	0.006530304	1883	0.014245517
1/24/2023	6646.74	6.082104	0.00652091	1884	0.019983031
11/20/2018	938.53	-0.315596	0.006512593	1885	0.050999478
9/3/2018	1371.31	1.098319	0.006511747	1886	0.016172615
10/3/2016	653.53	9.120255	0.006500338	1887	-0.042283395
6/8/2005	64.58	-0.341066	0.006498753	1888	0.030830404
10/25/2012	98.00	-0.652818	0.006498001	1889	0.015944332
9/11/2014	282.27	-0.700792	0.006480723	1890	-0.037150801
3/8/2018	943.41	6.723565	0.006479089	1891	0.012909535
7/12/2007	122.15	3.052462	0.006455216	1892	-0.018701843
6/1/2004	30.14	-0.001067	0.006451838	1893	-0.014570069
10/10/2002	30.17	-0.967407	0.006444305	1894	0.008020052
1/22/2020	925.77	-0.861184	0.006441851	1895	0.051490433
5/4/2023	6669.02	7.157158	0.006416146	1896	0.00439879
1/10/2020	817.57	0.018794	0.006404546	1897	0.043436151
7/12/2017	802.48	-0.069587	0.006404505	1898	-0.06151913
8/28/2015	862.50	0.184428	0.006394555	1899	0.008587252
5/28/2020	728.20	-0.905746	0.006391422	1900	-0.047348845
5/5/2022	7725.97	0.120349	0.006391045	1901	0.022288034
2/18/2022	6896.04	75.34827	0.006374903	1902	-0.036728565
6/21/2012	90.32	-0.987645	0.006372718	1903	0.023407728
9/14/2023	7310.65	86.30636	0.006366665	1904	0.053625178
12/9/2011	83.74	2.272883	0.006364672	1905	-0.008808935
7/30/2003	25.58	-0.968895	0.006333119	1906	-0.004263604
6/17/2019	822.53	12.70182	0.006326895	1907	0.000369682
7/10/2006	60.03	-0.404033	0.006321617	1908	0.01517305
12/18/2012	100.73	-0.0122	0.006320732	1909	-0.007572114
8/26/2010	101.97	-0.964938	0.006307076	1910	-0.010779472
4/8/2021	2908.37	2.393392	0.006295824	1911	0.015993472
6/11/2020	857.07	-0.882637	0.006278282	1912	-0.03870315
10/6/2023	7302.75	90.16203	0.006276498	1913	-0.029779169
10/17/2006	80.11	-0.914738	0.00626222	1914	-0.027323695
2/22/2018	939.54	10.67924	0.006252052	1915	-0.026391231
10/12/2006	80.45	-0.917428	0.006235907	1916	0.01906545
1/1/2019	974.25	11.97008	0.006222997	1917	0.020636308
9/15/2005	75.12	0.848907	0.00619989	1918	-0.018423425
7/23/2004	40.63	-0.688928	0.006195653	1919	0.00316382
3/26/2010	130.60	1.135419	0.006190553	1920	0.021306565
9/10/2008	61.16	-0.929568	0.00618986	1921	-0.011359734
11/26/2015	868.35	-0.861122	0.006189496	1922	-0.070643883
1/19/2023	6252.63	184.677	0.006187253	1923	0.013854624
12/2/2008	33.67	-0.9637	0.00618325	1924	0.062087368
3/20/2018	927.68	17.93264	0.006178489	1925	0.012069435

1/24/2005	49.00	-0.326471	0.006164127	1926	-0.012167203
12/22/2005	72.75	0.336018	0.006163957	1927	0.000691372
1/31/2005	54.45	-0.537857	0.006163184	1928	0.023893446
1/17/2011	117.83	-0.980945	0.006161697	1929	0.039046107
1/9/2023	6183.52	87.0684	0.006151225	1930	0.044331711
12/30/2005	70.21	1.415923	0.00614109	1931	-0.010668435
11/5/2003	29.06	-0.992244	0.006131336	1932	-0.015437083
6/11/2021	3747.16	14.19621	0.006123592	1933	0.005416856
4/15/2014	246.58	-0.64653	0.006117761	1934	-0.007894645
4/23/2020	697.61	9.75208	0.006113964	1935	0.009873755
3/17/2006	64.88	-0.917389	0.00611346	1936	0.035338354
11/7/2019	785.39	8.379357	0.00610964	1937	0.000176376
1/19/2012	83.74	1.691057	0.00610858	1938	-0.008211373
4/1/2009	31.12	-0.949404	0.006082847	1939	-0.060387701
9/18/2019	614.99	10.57588	0.006068229	1940	-0.035114651
9/19/2008	53.13	-0.366835	0.00605594	1941	-0.001164528
4/12/2013	83.91	-0.062581	0.006016314	1942	-0.007229016
11/30/2006	89.51	0.881169	0.006003479	1943	0.009310415
9/3/2004	47.58	-0.487162	0.005994257	1944	0.013927681
6/28/2012	92.78	-0.90921	0.00597159	1945	-0.008675769
12/21/2015	1021.92	13.71269	0.00596393	1946	0.055029247
4/10/2006	69.46	-0.191965	0.005958355	1947	-0.023060113
4/24/2012	85.96	-0.988242	0.005949488	1948	-0.025521374
9/26/2023	7310.90	77.33269	0.005937175	1949	-0.013491133
6/29/2012	93.33	1.848444	0.005936131	1950	-0.022670413
6/18/2004	32.77	-0.615203	0.005931468	1951	-0.003290602
5/15/2013	85.15	-0.160888	0.005927658	1952	0.037458763
3/24/2011	101.48	0.284465	0.005927037	1953	-0.02600989
9/7/2006	79.00	-0.21218	0.005894335	1954	-0.006238367
3/21/2007	100.28	-0.868148	0.005893842	1955	0.003337974
8/24/2016	760.56	8.556701	0.005890533	1956	0.000199487
1/6/2012	79.58	0.269114	0.005890095	1957	0.027290323
7/1/2005	62.71	-0.990551	0.005885256	1958	-0.006948969
2/16/2023	6636.72	22.5286	0.005834608	1959	0.026913718
1/6/2015	282.07	-0.961877	0.0058331	1960	0.036910806
9/7/2023	7399.05	107.3974	0.005824965	1961	0.005409835
11/24/2005	68.26	-0.33137	0.005809696	1962	0.035642151
1/4/2010	102.09	-0.986413	0.005792675	1963	0.001968151
2/16/2024	7513.45	9.334832	0.005789671	1964	0.027588935
5/15/2017	727.00	0.09539	0.005774553	1965	-0.023302698
1/17/2017	663.69	-0.924134	0.005759888	1966	-0.03053507
9/9/2022	8748.22	138.8124	0.005749207	1967	-0.00986914
9/2/2008	62.57	-0.9239	0.005745505	1968	-0.008746428
7/28/2017	822.23	35.34619	0.005729774	1969	-0.004412647
4/29/2003	22.62	-0.783158	0.005726386	1970	0.013162805

7/14/2011	104.33	0.213652	0.005717697	1971	-0.022111712
4/20/2012	85.96	-0.912574	0.005700132	1972	-0.02754409
1/15/2018	983.23	8.962462	0.005682194	1973	0.053836351
5/30/2011	98.69	-0.019981	0.00567214	1974	-0.001698334
9/14/2012	100.71	0.447065	0.005664436	1975	0.030159598
9/22/2009	69.59	-0.161254	0.005664052	1976	-0.004526898
1/23/2012	82.97	-0.989595	0.005648236	1977	0.006374044
6/28/2022	7974.19	0.046003	0.005643466	1978	0.00205384
6/19/2023	7623.49	62.06541	0.005634695	1979	-0.033328807
6/27/2007	120.88	-0.832927	0.005628923	1980	-0.007653302
9/16/2016	723.53	5.63397	0.005606881	1981	-0.00618784
2/11/2010	109.06	0.260173	0.005601938	1982	-0.009542573
4/2/2013	86.55	-0.13187	0.005576549	1983	-0.018181119
3/20/2007	99.69	-0.868816	0.005567665	1984	0.000937899
6/22/2017	759.95	-0.37302	0.005553822	1985	-0.00130727
6/14/2018	1212.08	10.3452	0.005546141	1986	0.009230017
7/20/2012	106.84	0.349036	0.005544271	1987	0.014556295
6/12/2013	79.19	-0.989233	0.005540335	1988	-0.020073794
10/12/2023	7355.30	11.07441	0.005495442	1989	0.016429709
8/30/2019	609.16	4.970218	0.005486452	1990	0.040673368
3/25/2011	102.03	0.17782	0.005485677	1991	-0.01625575
11/13/2007	86.63	-0.988403	0.005485299	1992	-0.025511183
2/15/2024	7470.20	84.97911	0.005471447	1993	-0.058562976
11/22/2007	86.88	-0.903558	0.005469227	1994	0.033800941
12/22/2017	900.89	0.036394	0.005464503	1995	0.007899509
7/1/2020	869.26	7.016246	0.005460881	1996	0.015786403
5/14/2010	108.44	-0.891605	0.005451611	1997	-0.001875484
8/13/2020	1000.39	9.274302	0.005422284	1998	-0.029653526
10/23/2012	97.37	2.61248	0.005406657	1999	-0.057569048
8/4/2003	26.95	-0.457312	0.005405444	2000	-0.031340652
1/18/2005	49.67	-0.984191	0.005401876	2001	-0.020860429
4/26/2021	3141.73	4.54094	0.005399145	2002	0.034269611
5/28/2015	567.00	-0.929486	0.005398649	2003	0.001119341
7/18/2022	8041.01	7.436436	0.005390391	2004	0.010839503
3/5/2020	953.13	0.446621	0.005386481	2005	-0.016131655
1/2/2017	658.87	16.58941	0.005372925	2006	0.016781802
7/14/2004	37.46	-0.570586	0.005371792	2007	0.001990244
9/28/2011	87.23	-0.876736	0.005371238	2008	-0.004703689
9/14/2016	707.67	7.904009	0.005366614	2009	-0.036001018
11/24/2011	79.48	1.613115	0.005359109	2010	0.017394759
12/20/2002	30.41	-0.995597	0.005322144	2011	0.024106888
11/11/2022	6908.34	65.88915	0.005313459	2012	0.036034349
12/4/2012	103.28	-0.984414	0.005309202	2013	-0.007606449
5/3/2023	6626.50	-0.1265	0.005298622	2014	0.016692505
6/28/2023	7586.15	72.06609	0.005294016	2015	0.025166087

12/5/2012	103.83	-0.963201	0.005280786	2016	-0.015069932
2/3/2021	2821.41	2.120308	0.005277647	2017	-0.003768766
7/20/2020	904.21	-0.884037	0.005234424	2018	0.043406454
6/12/2023	7797.37	0.032348	0.005231807	2019	0.002817399
7/5/2023	7553.05	4.972205	0.005223722	2020	0.009814631
9/19/2018	1264.70	1.299893	0.005203656	2021	-0.000546979
3/18/2015	549.90	0.137518	0.005191705	2022	0.02546903
11/22/2016	483.42	15.53557	0.005188133	2023	0.010065062
3/25/2009	29.23	-0.994979	0.005174444	2024	0.036310302
10/28/2021	5821.97	98.65388	0.005172888	2025	0.00519668
3/24/2005	58.42	-0.932805	0.005164986	2026	0.044458359
9/30/2015	869.44	2.16731	0.00515954	2027	0.015132602
10/22/2014	274.50	1.326005	0.005158118	2028	-0.018583399
4/20/2007	118.02	-0.83382	0.005155901	2029	-0.044389889
1/19/2017	710.17	-0.013827	0.005148685	2030	0.05130971
4/20/2017	720.12	7.428972	0.005142637	2031	-0.026204965
4/25/2013	85.43	1.89809	0.005133355	2032	0.022876649
3/19/2009	29.48	-0.708311	0.005131399	2033	-0.009165447
3/22/2011	101.06	1.283107	0.005126028	2034	-0.036601569
5/6/2009	44.27	-0.945517	0.005125952	2035	0.017835895
11/6/2017	812.48	-0.892333	0.005125343	2036	-0.003359339
6/27/2023	7546.20	5.853216	0.005121401	2037	0.039494509
5/22/2018	1101.12	-0.848833	0.005113507	2038	-0.002308548
9/1/2023	7284.10	4.500778	0.00510549	2039	-0.028106769
8/10/2018	1324.19	3.816767	0.005077364	2040	0.003350448
12/12/2014	274.91	3.331112	0.005067079	2041	-0.019316673
8/7/2008	63.47	-0.926608	0.005063976	2042	-0.004078126
5/10/2016	864.86	0.006923	0.005051961	2043	0.006803369
2/22/2019	858.92	-0.85466	0.005051796	2044	0.034723631
3/29/2023	5909.72	5.923646	0.005045361	2045	0.029546875
9/12/2017	853.56	7.068639	0.005044531	2046	-0.004179176
7/19/2011	105.79	-0.889485	0.00503128	2047	0.041858948
12/20/2018	957.22	8.978499	0.005031089	2048	-0.004764254
8/27/2012	95.93	1.83284	0.005028453	2049	-0.043304047
12/5/2008	33.86	-0.658814	0.005024932	2050	-0.040824663
3/4/2011	99.25	-0.000415	0.005010465	2051	-0.01875113
3/16/2011	99.29	0.355828	0.005008373	2052	0.002532662
2/14/2008	73.23	-0.142345	0.004988694	2053	0.040842526
5/10/2012	85.39	-0.002228	0.00498597	2054	0.047906161
4/26/2012	85.58	-0.922367	0.00497509	2055	0.01363216
10/1/2018	1102.35	0.217573	0.004973988	2056	0.026293409
12/26/2017	905.37	11.29259	0.004964418	2057	-0.056963843
2/26/2008	73.65	-0.572736	0.00496025	2058	-0.010952986
1/22/2014	172.38	-0.050419	0.004957523	2059	0.007284596
2/7/2014	181.53	-0.976237	0.004955316	2060	0.027975719

10/30/2023	7639.25	10.12785	0.004952892	2061	0.027323674
1/27/2017	686.50	8.844703	0.00494961	2062	-0.004168488
9/29/2005	69.73	-0.864098	0.004940688	2063	-0.017413395
6/4/2015	513.11	-0.929901	0.004939395	2064	0.030687166
9/4/2023	7319.80	132.6473	0.004901046	2065	0.034549991
10/11/2004	54.77	-0.992601	0.004896071	2066	-0.004151478
9/11/2023	7402.15	63.52738	0.00488036	2067	-0.032465948
10/19/2010	114.71	2.45517	0.004876246	2068	-0.01088264
9/12/2002	33.20	-0.432522	0.00487317	2069	-0.005194579
5/23/2005	58.51	-0.93521	0.00486979	2070	0.024295868
10/6/2015	902.99	9.830453	0.004863531	2071	-0.023548438
1/24/2012	83.38	-0.986422	0.004850565	2072	-0.003065689
11/4/2021	6140.44	60.80391	0.004846435	2073	-0.06652998
6/7/2011	99.35	2.271796	0.004795639	2074	0.060295951
12/26/2002	30.37	-0.538576	0.004795119	2075	0.048777675
11/30/2009	65.81	-0.31629	0.004787496	2076	0.020478207
11/12/2012	96.26	-0.901484	0.004782525	2077	0.001909553
1/3/2019	977.05	7.155952	0.004781311	2078	0.026068954
6/18/2007	119.80	-0.831501	0.00477877	2079	0.014574759
3/20/2017	710.96	1.513418	0.004778676	2080	-0.011168951
10/13/2014	282.87	1.788054	0.004761618	2081	0.043825654
3/13/2007	101.46	0.133088	0.004761134	2082	-0.012290581
2/29/2012	89.54	-0.075637	0.004753949	2083	-0.024652723
11/2/2012	96.87	-0.907208	0.004752211	2084	0.039529501
12/29/2015	1043.91	-0.864883	0.004740713	2085	0.029165019
6/15/2023	7725.98	7.465768	0.004729071	2086	-0.012831324
1/28/2020	912.61	-0.321248	0.004720325	2087	0.000652784
7/18/2018	1344.55	-0.784424	0.0047152	2088	0.01838948
12/30/2022	6237.01	-0.183734	0.004715167	2089	-0.015233436
2/1/2024	7640.90	0.226047	0.004700762	2090	-0.017136057
4/21/2023	6232.14	67.05567	0.00469482	2091	-0.005102842
12/4/2006	91.57	0.067382	0.00468861	2092	-0.030162472
11/15/2007	85.79	-0.903595	0.004682609	2093	0.037417925
7/8/2020	889.92	9.324764	0.004677302	2094	-0.016089345
11/16/2007	86.19	-0.129592	0.004661145	2095	-0.002822152
10/8/2012	99.03	-0.92156	0.004647927	2096	0.015195751
9/30/2020	1262.44	-0.072714	0.004644598	2097	-0.045302538
8/1/2018	1361.44	14.55443	0.004621228	2098	-0.029269999
3/13/2012	87.53	-0.684955	0.004619671	2099	-0.00069683
7/1/2014	277.82	2.577903	0.004612465	2100	-0.03013476
9/21/2006	77.65	-0.215352	0.004607104	2101	0.032540003
6/27/2011	98.96	-0.884733	0.004604363	2102	-0.019580442
9/14/2017	858.55	9.964669	0.004599766	2103	0.012496501
9/10/2013	78.30	-0.908953	0.004593606	2104	0.003569146
10/28/2015	860.01	9.283509	0.004591919	2105	0.013890348

3/27/2012	83.63	0.557051	0.004580197	2106	-0.016719044
6/26/2009	53.71	-0.941515	0.004574086	2107	0.029359364
1/22/2019	918.36	0.2511	0.004566813	2108	-0.001133139
4/11/2017	734.04	-0.082395	0.004563498	2109	-0.013995692
8/4/2017	799.96	6.101223	0.00455212	2110	0.046079593
6/25/2010	112.65	-0.911314	0.004543982	2111	0.011136673
6/26/2018	1270.22	-0.817829	0.004542302	2112	-0.014508855
5/19/2023	6972.69	79.1813	0.004538552	2113	0.022571928
7/11/2013	86.96	-0.911019	0.004536449	2114	0.020824916
1/19/2018	977.30	44.29687	0.004500019	2115	0.037782067
5/26/2003	21.58	-0.997114	0.004497675	2116	0.018495846
10/16/2023	7477.05	9.013432	0.004473525	2117	0.012421352
5/22/2020	746.70	-0.787488	0.004471445	2118	-0.02849093
5/24/2021	3513.70	37.05915	0.004458614	2119	0.03659403
12/6/2006	92.32	-0.654086	0.004455575	2120	0.031810558
12/24/2014	266.89	-0.956013	0.00444627	2121	0.028201598
3/16/2023	6067.53	206.9689	0.004443172	2122	-0.013513877
2/27/2004	29.18	-0.633319	0.004434526	2123	-0.005782021
6/6/2013	79.57	0.23593	0.004406603	2124	0.011502833
8/14/2009	64.38	-0.400685	0.004402656	2125	-0.002071627
6/16/2010	107.42	0.389729	0.00439811	2126	-0.032991113
9/20/2006	77.29	-0.882077	0.004396173	2127	-0.006467842
1/12/2017	655.46	7.529478	0.004395026	2128	-0.016497666
8/23/2013	76.85	-0.889334	0.004387125	2129	0.02786018
1/23/2017	694.40	-0.892544	0.004384752	2130	0.086452544
2/24/2023	6462.19	0.110691	0.00437195	2131	-0.013407635
1/3/2022	5818.17	173.5664	0.004371127	2132	-0.022637964
9/4/2002	33.33	0.119524	0.004366995	2133	-0.021745958
10/15/2003	29.77	-0.968329	0.004345435	2134	0.009376443
1/4/2018	940.02	-0.043201	0.004325693	2135	0.005755327
12/4/2018	982.46	24.06749	0.004316538	2136	0.000269513
7/28/2004	39.19	-0.844846	0.004273558	2137	-0.035194819
6/24/2014	252.60	1.731418	0.004270547	2138	-0.004508529
2/13/2013	92.48	-0.988513	0.004264215	2139	-0.020951058
7/20/2022	8050.69	71.14793	0.00425773	2140	0.024877634
8/10/2007	111.59	0.764897	0.004253418	2141	-0.036796553
6/24/2005	63.23	-0.390505	0.004238649	2142	-0.005866572
10/17/2007	103.73	2.385514	0.004223082	2143	0.027980399
5/12/2004	30.64	-0.981532	0.004221673	2144	-0.002457169
12/3/2020	1659.12	0.953157	0.004215451	2145	-0.016916411
6/23/2020	849.46	-0.119488	0.004214485	2146	-0.01481796
4/6/2018	964.73	-0.840295	0.004214403	2147	-0.022335378
3/15/2023	6040.69	-0.014312	0.004214402	2148	-0.030233055
3/3/2023	6128.41	21.14934	0.004211037	2149	-0.01609052
8/5/2014	276.69	1.238763	0.004205584	2150	0.011443004

6/5/2007	123.59	-0.02533	0.004195566	2151	-0.036780013
4/21/2010	126.80	-0.552124	0.004190959	2152	-0.053465597
9/4/2014	283.12	-0.644621	0.004190544	2153	-0.061088477
1/7/2020	796.66	7.013154	0.004189952	2154	0.013068
9/25/2012	99.42	-0.874247	0.004186897	2155	0.00270404
10/31/2017	790.59	13.57653	0.004185824	2156	-0.023832504
6/24/2009	54.24	-0.959881	0.004179603	2157	-0.019789978
8/27/2018	1351.90	11.27937	0.00415825	2158	-0.010711784
8/3/2007	110.10	-0.96041	0.004144565	2159	0.005232068
2/11/2021	2780.90	2.549955	0.004144111	2160	-0.067862028
11/20/2019	783.36	6.318295	0.004137389	2161	0.055715042
8/30/2007	107.04	-0.600567	0.004092183	2162	0.003241409
12/26/2014	267.98	-0.962329	0.004086303	2163	0.090975977
8/11/2023	7113.75	88.88149	0.00408624	2164	-0.000824324
8/29/2006	79.15	-0.712676	0.004066	2165	0.016277329
1/2/2015	275.46	-0.629668	0.004058175	2166	0.001128569
6/28/2017	743.82	7.791719	0.004029078	2167	0.002806641
1/27/2012	84.60	-0.990067	0.004022077	2168	-0.018808459
10/10/2022	8517.43	8.298446	0.003994176	2169	0.012885117
2/7/2018	916.01	-0.886728	0.003973055	2170	-0.029393039
11/13/2023	8086.80	44.74886	0.003941627	2171	-0.007478054
1/10/2014	176.77	1.046284	0.003940022	2172	-0.00519354
10/21/2011	86.38	1.56666	0.003938809	2173	-0.025842616
1/15/2009	33.66	-0.996429	0.003928587	2174	-0.005937049
8/11/2022	9424.77	325.828	0.00392647	2175	0.002921748
11/19/2003	28.84	-0.96058	0.003923741	2176	-0.009464635
9/2/2016	731.53	13.12643	0.003904271	2177	-0.0309479
10/29/2004	51.78	-0.461158	0.003879995	2178	0.003297257
2/4/2013	96.10	-0.788253	0.003874311	2179	0.045743319
2/19/2015	453.86	7.736256	0.00386934	2180	0.007950426
10/19/2004	51.95	-0.345632	0.003867337	2181	-0.002874024
7/4/2013	79.39	-0.913305	0.003862178	2182	-0.026773457
4/5/2019	915.75	10.59393	0.003848472	2183	-0.016575848
10/6/2006	78.99	-0.010275	0.003846844	2184	-0.038049638
7/8/2013	79.81	-0.892575	0.00384194	2185	-0.004269049
5/5/2020	742.90	-0.184195	0.003840646	2186	0.054392216
3/12/2019	910.63	29.67082	0.003817866	2187	0.00310501
10/7/2002	29.69	-0.964027	0.0038104	2188	-0.026226211
7/31/2017	825.36	-0.769068	0.00380749	2189	-0.011227672
5/31/2021	3574.02	51.37323	0.00380197	2190	0.04313825
11/8/2005	68.24	-0.989574	0.003782256	2191	0.018924922
2/14/2023	6545.49	79.71598	0.003781152	2192	-0.001913444
6/17/2013	81.09	-0.04485	0.003780925	2193	0.011393796
11/16/2011	84.90	-0.988583	0.003756658	2194	0.026470927
5/29/2023	7436.65	-0.139242	0.003729685	2195	-0.002594692

1/4/2024	8639.65	-0.049266	0.003729352	2196	0.018412857
12/18/2023	9087.35	9.777661	0.003727799	2197	0.00069327
5/29/2019	843.17	9.988805	0.003727571	2198	0.020906892
6/26/2013	76.73	-0.971377	0.003710116	2199	-0.001295496
3/23/2021	2680.65	2.725022	0.003709628	2200	-0.056553725
9/7/2016	719.63	8.664199	0.003707692	2201	-0.044736311
8/29/2005	74.46	-0.189839	0.00369727	2202	0.000417294
12/5/2006	91.91	-0.814072	0.003694217	2203	0.015709076
6/15/2015	494.34	4.065395	0.003690411	2204	-0.009101628
1/12/2007	97.59	-0.647106	0.003662549	2205	-0.009390652
6/30/2014	276.55	2.162639	0.00365468	2206	0.031479906
1/16/2012	87.44	-0.987411	0.003647135	2207	0.017975264
11/15/2022	6946.20	7.420764	0.003641477	2208	0.020445946
12/17/2019	824.89	-0.00076	0.003634029	2209	-0.013743159
6/18/2019	825.52	7.019317	0.003633863	2210	0.031574941
9/17/2010	102.94	-0.88991	0.003618031	2211	-0.018233629
3/19/2019	935.06	0.03788	0.003615421	2212	-0.010045639
4/18/2016	900.94	-0.035098	0.003606361	2213	-0.027533933
2/21/2018	933.71	-0.870049	0.00359284	2214	-0.024572917
8/1/2023	7185.05	66.10106	0.003582689	2215	0.015218492
10/15/2007	107.08	-0.847041	0.003577574	2216	-0.00544794
2/9/2017	700.05	6.943771	0.003576878	2217	0.010500796
10/21/2013	88.13	-0.941482	0.003567785	2218	-0.051772817
11/4/2020	1505.95	0.666625	0.00356252	2219	0.005168048
4/22/2016	903.60	-0.895572	0.003544008	2220	0.019408927
8/1/2022	8652.77	9.387215	0.00351553	2221	-0.038564591
6/15/2016	833.02	0.065794	0.003509876	2222	0.038305056
10/6/2017	781.60	8.206017	0.003505854	2223	0.033838081
1/30/2012	84.90	-0.988965	0.003505197	2224	-0.021334692
1/29/2024	7694.00	89.42054	0.003501966	2225	0.014273348
5/17/2012	85.09	-0.987186	0.003497506	2226	-0.012824307
2/7/2023	6640.44	6.850216	0.003493582	2227	-0.008275935
6/22/2020	845.89	12.74628	0.00348607	2228	-0.006217685
8/4/2006	61.54	-0.939125	0.003484596	2229	-0.016659335
4/13/2018	1010.87	-0.865357	0.003458103	2230	0.002579984
6/26/2023	7507.75	108.5149	0.003448273	2231	-0.020256474
9/14/2009	68.55	-0.952267	0.003442184	2232	-0.013196789
10/15/2020	1436.21	25.62823	0.003426618	2233	0.016013162
11/9/2004	53.94	1.272598	0.003412641	2234	-0.02153682
6/25/2003	23.73	-0.971733	0.003403908	2235	0.007374033
2/28/2019	839.61	-0.112754	0.003402025	2236	-0.018185046
11/15/2018	946.31	0.155151	0.003370454	2237	-0.012681201
5/9/2019	819.21	-0.489553	0.003370315	2238	0.038012947
12/18/2020	1604.88	0.066384	0.003342114	2239	-0.004210914
11/20/2020	1504.97	0.70293	0.003335108	2240	-0.008630218

4/4/2016	883.76	6.683409	0.003334067	2241	0.031984307
9/7/2007	115.02	-0.983438	0.003329882	2242	0.024211325
11/9/2022	6945.05	4.060353	0.003303958	2243	0.00895561
8/23/2018	1372.44	6.738757	0.0032948	2244	0.023985347
1/13/2014	177.35	-0.699653	0.003291561	2245	-0.033072678
8/14/2019	590.47	10.52505	0.003274175	2246	0.029637563
12/6/2004	51.23	-0.002273	0.00326588	2247	-0.009046956
12/9/2004	51.35	-0.943707	0.003258432	2248	0.023593166
4/12/2019	912.20	0.086689	0.003235101	2249	0.023646287
5/26/2016	839.43	12.46503	0.003233537	2250	0.015654024
6/30/2005	62.34	-0.574946	0.003220574	2251	0.071030361
12/11/2013	146.67	0.846029	0.00321444	2252	-0.025321412
6/18/2008	79.45	-0.895429	0.0032133	2253	-0.013946954
8/4/2016	759.77	-0.143593	0.003202061	2254	0.005331185
3/18/2016	887.15	8.212487	0.003190094	2255	-0.026829556
8/23/2012	96.30	-0.100555	0.003181981	2256	-0.063083226
2/5/2007	107.07	-0.42071	0.003169729	2257	0.035680738
1/6/2014	184.82	1.258466	0.003158027	2258	-0.049425553
5/10/2006	81.83	-0.986889	0.003151816	2259	-0.008193828
4/26/2023	6241.92	-0.145113	0.003133358	2260	0.016536527
8/25/2023	7301.45	6.685385	0.003132489	2261	-0.036368338
1/8/2018	950.04	8.570188	0.003131807	2262	-0.017278382
6/28/2011	99.27	2.194552	0.003125092	2263	-0.004482987
8/9/2002	31.08	-0.992619	0.003118773	2264	-0.028903139
8/5/2021	4209.94	37.99294	0.003104851	2265	-0.069190116
5/18/2010	107.97	0.066767	0.003095255	2266	-0.037409844
9/24/2010	101.21	-0.886616	0.003065068	2267	-0.017704538
7/9/2020	892.62	0.297917	0.003031442	2268	-0.033959406
2/3/2017	687.73	31.11539	0.003026749	2269	0.015863552
3/12/2003	21.41	-0.976193	0.003016477	2270	0.019676692
7/17/2020	899.50	0.034962	0.003007982	2271	0.023177953
12/4/2017	869.12	-0.898935	0.002987991	2272	-0.01464412
4/11/2022	8599.59	7.261457	0.002987899	2273	-0.048680189
1/1/2016	1040.93	12.35636	0.002985565	2274	0.008063118
9/28/2006	77.94	0.151981	0.002978857	2275	-0.016415253
5/21/2008	67.65	-0.920838	0.002964294	2276	0.005946553
10/14/2015	854.62	8.905464	0.002958072	2277	-0.009238548
4/12/2012	86.28	-0.68978	0.002954617	2278	0.003673355
11/19/2014	278.12	-0.554129	0.002949526	2279	0.009342733
9/13/2019	623.76	6.199657	0.002943459	2280	0.034215273
9/13/2011	86.64	-0.986077	0.002942473	2281	0.032182833
4/25/2023	6222.42	57.37703	0.002918601	2282	0.030949222
8/2/2010	106.59	-0.852694	0.002909948	2283	0.018060854
9/21/2016	723.60	31.56587	0.002908795	2284	-0.031715188
4/23/2003	22.22	-0.970623	0.002907003	2285	-0.001816754

6/20/2017	756.36	6.590764	0.002906453	2286	0.022310726
6/8/2011	99.64	0.533449	0.002905048	2287	0.020277394
7/24/2008	64.98	1.330077	0.002903798	2288	0.023598601
11/7/2002	27.89	-0.959958	0.002895174	2289	-0.092336011
3/28/2017	696.46	6.278801	0.002887711	2290	0.026019614
2/15/2012	95.68	1.346489	0.002886393	2291	-0.008781827
8/20/2004	40.78	-0.945335	0.002871333	2292	0.098270645
6/29/2017	745.94	13.13165	0.002852789	2293	0.000661192
11/16/2004	52.78	-0.932626	0.002851536	2294	0.036514925
6/29/2016	783.47	8.522645	0.002841498	2295	-0.013050864
10/5/2011	82.27	0.374144	0.002840435	2296	-0.001643682
4/18/2005	59.87	-0.928443	0.002793079	2297	-0.026008399
6/8/2016	836.72	0.042582	0.002771425	2298	-0.000443031
10/24/2017	802.55	9.747971	0.002764655	2299	-0.050077421
8/30/2005	74.67	-0.601062	0.002762157	2300	-0.001499268
1/1/2014	187.17	0.663939	0.002757449	2301	0.018997729
1/20/2011	112.49	0.497862	0.00275699	2302	0.003481564
9/8/2005	75.10	-0.987825	0.002746552	2303	0.022758202
1/11/2023	6168.44	-0.049331	0.002742089	2304	-0.010968977
3/8/2022	6488.53	66.57793	0.002738562	2305	0.028295761
8/21/2012	96.02	1.700762	0.002734204	2306	0.009525036
6/30/2004	35.55	-0.648925	0.002724918	2307	-0.041662496
6/9/2010	101.26	-0.988113	0.002716724	2308	-0.021122717
6/2/2022	8518.64	241.9253	0.002690097	2309	0.049435269
12/15/2008	35.07	-0.446884	0.002689601	2310	-0.026135917
8/11/2008	63.40	-0.781246	0.002677607	2311	-0.061554312
12/4/2014	289.82	-0.708724	0.002672666	2312	0.025963059
8/12/2020	994.99	40.11552	0.002668866	2313	0.009884697
2/24/2003	24.20	-0.968812	0.002668511	2314	0.03712909
7/22/2016	775.95	10.94682	0.002651678	2315	0.034527103
3/23/2006	64.95	-0.931342	0.002646314	2316	0.027594674
4/3/2018	945.99	9.681328	0.002644599	2317	-0.017362063
6/7/2012	88.57	-0.132001	0.002637949	2318	-0.015414328
5/9/2011	102.03	-0.852909	0.002633773	2319	-0.012033077
12/13/2016	693.68	-0.872031	0.002629007	2320	-0.039301615
12/23/2021	5420.68	-0.298761	0.002620266	2321	-0.005501561
6/21/2023	7730.15	93.85985	0.00261246	2322	0.029403565
11/30/2011	81.49	0.579755	0.002606228	2323	0.009033881
10/1/2004	51.58	-0.936148	0.002593203	2324	0.00618392
5/16/2019	807.87	14.60567	0.002590689	2325	0.006353904
11/23/2004	51.77	-0.490917	0.002583639	2326	-0.013501631
1/15/2013	101.69	0.196355	0.002580994	2327	-0.050212818
4/23/2013	85.00	-0.882113	0.002573371	2328	0.044714762
6/16/2017	721.01	12.73752	0.002561351	2329	-0.010773271
11/19/2004	52.48	-0.373368	0.002548534	2330	0.017385489

3/23/2012	83.76	-0.988685	0.002535521	2331	0.022647489
8/30/2023	7402.05	9.272538	0.002532686	2332	0.008952754
6/7/2017	720.57	8.523126	0.002530577	2333	0.005683809
12/29/2011	75.66	-0.908243	0.002525933	2334	0.027786082
9/6/2017	824.63	-0.069041	0.002518339	2335	-0.002967461
7/7/2020	885.78	-0.868658	0.002507886	2336	-0.034648131
11/28/2022	6744.08	69.22356	0.002507452	2337	0.059309045
11/6/2012	96.04	0.515715	0.002505185	2338	-0.015653465
9/3/2009	63.36	-0.772939	0.002480417	2339	-0.005844235
9/2/2014	279.05	-0.959677	0.002448494	2340	9.32184E-05
3/10/2022	6920.28	101.4557	0.002438137	2341	0.042319608
5/16/2008	67.54	-0.342672	0.002427498	2342	-0.00639198
8/23/2010	102.76	0.165799	0.002413382	2343	0.023249894
6/5/2012	88.14	-0.683362	0.002408831	2344	-0.006964281
9/1/2014	278.37	-0.962315	0.002372545	2345	-0.002450925
2/2/2022	7386.67	6.85882	0.002364396	2346	-0.025411483
2/9/2018	939.92	33.09826	0.002359826	2347	0.012677133
7/8/2003	27.57	-0.001167	0.002341759	2348	-0.016968463
4/6/2004	27.60	-0.995585	0.002339384	2349	-0.021718125
1/2/2023	6251.39	6.837535	0.002306749	2350	-0.047729502
1/1/2020	797.62	-0.125055	0.002300385	2351	-0.012296946
4/1/2019	911.63	-0.005126	0.00229508	2352	0.002562723
4/10/2019	916.32	0.123364	0.002283221	2353	0.003093359
5/7/2019	815.70	23.34514	0.002273505	2354	0.007995095
4/17/2009	33.51	-0.957707	0.002251257	2355	0.035332171
7/6/2017	792.22	8.951467	0.002242027	2356	0.013152344
10/16/2006	79.61	-0.988386	0.002241726	2357	0.015110184
11/4/2022	6854.32	68.56974	0.002234273	2358	-0.013020403
9/27/2012	98.52	0.410458	0.002219208	2359	0.027149685
4/20/2006	69.85	-0.921917	0.002213664	2360	-0.001794082
7/10/2020	894.60	-0.001353	0.002212761	2361	-0.017131233
11/24/2017	895.81	-0.80826	0.002212156	2362	0.016976233
8/20/2021	4671.99	40.06885	0.002202318	2363	-0.003201965
5/14/2007	113.76	-0.8779	0.002196119	2364	0.015042174
3/18/2019	931.69	7.962809	0.00219447	2365	0.047711116
9/15/2010	103.95	-0.946985	0.002186486	2366	0.006494083
1/7/2021	1960.81	21.29968	0.002180813	2367	-0.036540804
6/4/2012	87.93	-0.817602	0.00217293	2368	0.00504009
2/27/2015	482.08	-0.488958	0.002172829	2369	-0.049119629
11/26/2018	943.32	9.679207	0.002167372	2370	-0.002579256
6/6/2012	88.33	-0.8914	0.002163008	2371	-0.020088905
6/7/2019	813.37	12.31131	0.002162888	2372	-0.008963856
8/22/2008	61.10	-0.362909	0.002159793	2373	-0.009539698
6/23/2011	95.91	-0.879023	0.002154394	2374	-0.018424457
10/27/2017	792.80	-0.895117	0.002142347	2375	-0.00938449

7/19/2023	7558.90	5.308075	0.002141116	2376	0.027556184
9/9/2020	1198.29	38.41885	0.002133022	2377	0.014840899
9/26/2002	30.40	-0.001058	0.002123293	2378	-0.036182101
12/27/2002	30.43	-0.995381	0.002120712	2379	0.007574193
3/4/2022	6588.13	57.36106	0.00210976	2380	0.00339179
6/28/2010	112.89	0.517377	0.002087525	2381	-0.022354654
9/12/2005	74.40	-0.945103	0.002078015	2382	-0.047574862
7/31/2018	1355.18	-0.808596	0.002069834	2383	0.029598462
8/17/2023	7080.20	89.76445	0.002066363	2384	0.001202872
10/20/2006	78.01	-0.131081	0.002058421	2385	0.051530928
11/6/2007	89.77	0.153112	0.002028782	2386	0.051137472
9/13/2013	77.85	-0.265523	0.002016025	2387	0.022162569
7/20/2011	106.00	-0.615065	0.002002432	2388	0.019123766
11/14/2014	275.37	2.213747	0.001984476	2389	0.065799562
10/25/2011	85.68	-0.719042	0.001981595	2390	0.024404622
9/22/2014	304.97	2.479259	0.00194085	2391	-0.013094733
5/31/2012	87.65	-0.268738	0.001936973	2392	-0.029592146
6/29/2007	119.87	0.966963	0.001934964	2393	-0.051193355
5/30/2005	60.94	-0.912567	0.001919339	2394	-0.018763899
2/13/2017	696.99	26.48472	0.001910642	2395	-0.002268459
3/29/2004	25.36	-0.359324	0.001908107	2396	-0.006272252
10/14/2008	39.58	-0.570276	0.001904916	2397	0.040079807
2/22/2013	92.11	-0.987176	0.001898391	2398	-0.025321246
8/4/2023	7182.45	280.4411	0.00189711	2399	0.001264071
3/19/2004	25.52	-0.734539	0.001896282	2400	-0.021970492
12/13/2007	96.14	-0.986834	0.001894345	2401	0.013804176
9/20/2023	7301.90	-0.164279	0.001886624	2402	0.02468116
1/12/2024	8737.25	10.36031	0.001886317	2403	0.020565209
11/27/2019	769.10	7.275326	0.001882596	2404	0.017170057
11/21/2012	92.94	-0.872435	0.001881501	2405	-0.018109211
5/17/2017	728.56	1.582087	0.001859643	2406	0.048399605
10/31/2014	282.16	-0.691836	0.001855402	2407	-0.039986733
12/7/2015	915.62	8.085678	0.001846952	2408	-0.049922507
6/30/2011	100.78	-0.985439	0.001844565	2409	0.021690296
11/14/2022	6920.99	67.00902	0.001831247	2410	0.023689796
5/6/2011	101.77	0.251087	0.001826674	2411	-0.032185005
11/28/2011	81.34	-0.985021	0.001826313	2412	-0.022455382
12/24/2021	5430.55	63.60336	0.001821187	2413	-0.005200806
4/15/2013	84.06	-0.988787	0.001819892	2414	0.025475323
11/2/2023	7496.90	5.219445	0.001803993	2415	0.002835495
6/13/2018	1205.40	13.47216	0.00179976	2416	0.018392939
8/17/2011	83.29	-0.913322	0.001783421	2417	0.031280611
12/28/2018	960.92	-0.867783	0.001780573	2418	-0.012883477
9/25/2023	7267.75	7.00056	0.001778107	2419	0.023719779
3/10/2016	908.41	0.262602	0.001759555	2420	-0.022404365

6/12/2017	719.47	-0.894138	0.001753266	2421	-0.018340229
5/12/2022	6796.33	4.455645	0.001746142	2422	-0.014691181
6/21/2018	1245.74	0.587277	0.001741368	2423	-0.02066972
6/30/2016	784.83	5.7635	0.001741311	2424	-0.016046777
9/12/2007	116.04	0.941317	0.00172585	2425	-0.02439384
7/12/2006	59.77	-0.993192	0.001723531	2426	0.002801068
4/6/2022	8779.75	1.541145	0.001723454	2427	0.012900079
5/12/2021	3455.04	2.787607	0.001720683	2428	-0.01156068
3/13/2019	912.20	8.913122	0.001719264	2429	-0.038770914
7/23/2013	92.02	-0.985168	0.0017054	2430	0.029206823
1/16/2023	6204.21	184.3783	0.00169811	2431	-0.018478683
12/1/2008	33.47	-0.157185	0.001689424	2432	-0.016596227
8/9/2004	39.71	-0.824743	0.0016829	2433	0.019223381
5/12/2014	226.58	2.083979	0.001681922	2434	-0.006696214
1/9/2006	73.47	-0.911178	0.001635631	2435	-0.000239201
12/20/2019	827.15	0.156604	0.001633558	2436	0.009576396
5/3/2017	715.16	-0.054156	0.00163301	2437	0.003300867
8/23/2016	756.10	17.7764	0.001606303	2438	0.029168065
1/9/2004	40.27	-0.984755	0.001601986	2439	0.032836321
3/31/2021	2641.51	30.12865	0.001599187	2440	0.055733094
10/10/2013	84.86	-0.249125	0.001584798	2441	-0.002799568
5/9/2007	113.01	-0.878529	0.001577883	2442	0.015681174
2/20/2018	930.36	0.029388	0.00157111	2443	0.019925589
3/14/2016	903.80	28.16001	0.001563159	2444	-0.002029509
9/23/2002	30.99	-0.602171	0.001560767	2445	0.069083254
9/1/2005	77.91	-0.915757	0.001542459	2446	0.022633841
10/24/2018	924.82	14.11191	0.001541293	2447	-0.026000734
8/25/2008	61.20	-0.183894	0.001539202	2448	-0.020689691
7/14/2008	74.99	2.47041	0.001507653	2449	-0.034652876
5/27/2003	21.61	-0.336629	0.00149262	2450	-0.042329082
9/9/2002	32.57	-0.569491	0.001485323	2451	0.032749709
9/18/2013	75.66	-0.98377	0.001481072	2452	-0.005559378
8/18/2021	4661.73	61.44685	0.001474013	2453	0.007357404
5/29/2008	74.65	0.054715	0.001463094	2454	0.004237336
10/4/2005	70.78	-0.985274	0.001455482	2455	-0.020091895
8/27/2021	4806.30	3.881245	0.001450089	2456	-0.001758524
1/16/2018	984.65	-0.834822	0.001436375	2457	-0.011288344
11/23/2021	5961.12	100.9483	0.001434597	2458	0.006329672
5/4/2005	58.47	-0.001992	0.001428447	2459	0.003905714
5/24/2005	58.59	-0.434701	0.001425323	2460	-0.030984068
2/2/2011	103.64	-0.872784	0.001394409	2461	-0.002495832
10/10/2017	814.69	-0.173749	0.001388883	2462	0.042820267
1/17/2018	986.01	6.718819	0.001386524	2463	-0.053978669
4/26/2010	127.74	-0.834137	0.001382457	2464	-0.017281202
11/28/2019	770.16	8.68756	0.001377988	2465	0.015349051

7/5/2013	79.50	-0.989547	0.001373831	2466	-0.005976062
1/31/2024	7605.15	27.42733	0.001362787	2467	-0.023877837
12/30/2014	267.53	2.400095	0.001360671	2468	-0.079125791
9/5/2006	78.68	0.172486	0.001359918	2469	0.026645376
4/28/2008	67.11	-0.990383	0.00135621	2470	-0.007427021
5/24/2023	6977.75	285.0533	0.001338488	2471	0.00071224
2/19/2003	24.39	-0.973947	0.00132195	2472	0.053287423
3/20/2019	936.30	7.379901	0.001319119	2473	0.014570516
8/13/2007	111.73	-0.98202	0.001303176	2474	-0.012121744
1/18/2023	6214.18	74.7449	0.001302981	2475	0.021855587
10/4/2011	82.04	-0.878471	0.001292438	2476	0.038985235
3/9/2017	675.07	5.878862	0.001279801	2477	-0.006871325
5/27/2011	98.14	-0.892035	0.001262183	2478	-0.00600968
3/26/2019	908.97	-0.876889	0.001254345	2479	0.027758203
8/29/2023	7383.35	73.26763	0.001247628	2480	-0.002202436
3/17/2011	99.42	0.439463	0.001245622	2481	0.005206184
10/7/2005	69.06	-0.919187	0.001242662	2482	0.044109214
9/13/2017	854.62	-0.878204	0.001241002	2483	-0.000881316
8/21/2023	7016.80	4.205664	0.001234263	2484	0.044482808
7/16/2018	1347.92	0.690436	0.001233438	2485	-0.043862881
7/11/2017	797.38	13.65698	0.001229595	2486	0.014506146
2/3/2005	54.40	-0.484852	0.001227623	2487	0.014204887
8/22/2007	105.61	-0.872781	0.001206198	2488	-0.021052891
6/14/2016	830.11	8.32599	0.00119941	2489	0.000172518
6/12/2012	89.01	-0.034572	0.001191125	2490	0.020895515
2/11/2013	92.20	0.263158	0.001184405	2491	-0.014325226
8/11/2005	72.99	-0.730694	0.001175642	2492	-0.041589047
8/19/2014	271.03	2.939951	0.001175112	2493	-0.001718088
10/12/2009	68.79	-0.898785	0.00114099	2494	0.048169681
12/15/2016	679.64	22.66084	0.001133632	2495	0.006532635
11/18/2003	28.72	-0.98126	0.001122397	2496	-0.002500729
11/24/2020	1532.78	3.416026	0.001121229	2497	-0.013676521
1/30/2015	347.10	0.557275	0.001113988	2498	0.00881855
2/20/2014	222.89	2.452228	0.001105757	2499	0.004119913
8/10/2006	64.56	-0.424456	0.001104093	2500	0.010846586
1/19/2011	112.18	2.838601	0.001103756	2501	0.007358979
5/20/2004	29.22	-0.965228	0.001103479	2502	0.010731241
11/4/2015	840.42	7.444065	0.001101911	2503	-0.018545982
10/11/2012	99.53	-0.030348	0.001097146	2504	0.007027551
1/2/2008	102.64	0.186345	0.001063668	2505	0.007967205
11/27/2007	86.52	1.804575	0.001051597	2506	-0.039646196
4/22/2004	30.85	-0.6267	0.001044795	2507	-0.038900325
5/8/2006	82.64	-0.939991	0.001038292	2508	0.030124664
7/27/2018	1377.14	18.56734	0.001034527	2509	0.025701834
5/2/2008	70.38	-0.98998	0.00103438	2510	-0.010795162

8/22/2023	7024.05	80.94372	0.001033235	2511	0.00571429
4/4/2013	85.72	-0.303515	0.001019342	2512	-0.004661428
6/4/2007	123.07	-0.873266	0.001013838	2513	0.001440951
8/7/2020	971.11	10.45247	0.001011163	2514	0.040039332
5/16/2012	84.79	0.688582	0.001000083	2515	-0.010602813
12/20/2004	50.22	-0.991954	0.000997279	2516	-0.001554155
4/17/2023	6240.83	58.58701	0.000994634	2517	0.01550077
8/13/2010	104.73	0.393152	0.000985324	2518	0.008816693
1/25/2008	75.18	-0.143162	0.000968385	2519	0.00122395
6/1/2012	87.74	0.67597	0.000966831	2520	-0.018363658
11/30/2004	52.35	-0.931434	0.000956497	2521	0.000544401
11/15/2019	763.51	0.059261	0.000947384	2522	0.031656205
4/21/2017	720.80	6.565251	0.000939103	2523	-0.009014061
1/9/2007	95.28	-0.883303	0.000935437	2524	0.01610657
5/8/2019	816.45	0.312775	0.000930684	2525	0.046632293
9/12/2019	621.93	4.598705	0.000930332	2526	0.006780905
12/6/2010	111.08	1.688872	0.000928739	2527	0.028937636
4/30/2009	41.31	-0.849774	0.000911833	2528	-0.01708253
7/30/2014	275.00	-0.645919	0.000909681	2529	0.024559381
7/20/2016	776.67	5.752337	0.000901717	2530	-0.053000929
10/22/2010	115.02	0.050104	0.000896915	2531	0.005046526
3/5/2010	109.53	0.067999	0.00089535	2532	-0.004794112
1/9/2013	102.56	-0.986401	0.00085152	2533	0.017977143
7/7/2023	7541.65	67.23074	0.000836033	2534	-0.020486949
9/19/2007	110.53	-0.985708	0.000822758	2535	-0.005130927
6/24/2022	7733.72	0.163709	0.000808992	2536	-0.018713368
2/8/2023	6645.75	5.637958	0.000799434	2537	0.005546009
8/14/2020	1001.17	10.82736	0.000784363	2538	-0.001077194
5/14/2013	84.65	-0.33734	0.000773922	2539	-0.008118627
4/15/2010	127.74	1.537425	0.000767522	2540	-0.03206803
6/19/2009	50.34	-0.547143	0.000748153	2541	-0.026923322
12/7/2010	111.17	4.061819	0.000742514	2542	0.006611588
4/25/2003	21.96	-0.997374	0.000733671	2543	-0.001069836
9/29/2022	8363.04	116.4752	0.00073012	2544	-0.014842605
5/30/2006	71.19	2.180881	0.00072328	2545	0.008719261
3/26/2003	22.38	-0.997411	0.000720161	2546	0.018154011
1/5/2024	8645.85	71.26508	0.000717531	2547	-0.037083098
10/13/2010	119.64	-0.558863	0.000689504	2548	-0.025223421
8/20/2014	271.21	-0.810516	0.000670642	2549	-0.051117813
10/14/2020	1431.31	10.62937	0.000651582	2550	-0.018522463
3/19/2010	123.08	-0.97066	0.000637284	2551	0.019446104
7/23/2021	4194.88	0.507503	0.000635711	2552	0.012443907
2/12/2021	2782.67	1.454509	0.000634911	2553	0.043826822
4/24/2018	1133.70	0.452309	0.000623177	2554	0.018052254
11/6/2019	780.62	0.567825	0.000617521	2555	-0.072693464

11/18/2016	497.90	-0.931144	0.000609132	2556	-0.018764229
7/27/2023	7231.05	0.093122	0.000601881	2557	0.029765843
2/20/2023	6615.04	99.51597	0.000600319	2558	-0.022493475
11/18/2009	65.81	1.373606	0.000596001	2559	-0.007996428
7/1/2003	27.73	-0.969448	0.000580693	2560	0.033311858
4/22/2019	907.50	-0.007317	0.000575508	2561	0.0083681
1/21/2019	914.19	12.25561	0.000571227	2562	-0.04110513
9/29/2009	68.97	-0.01318	0.000568834	2563	0.039868943
10/26/2009	69.89	1.36799	0.000561318	2564	0.038704596
11/28/2003	29.51	-0.636251	0.000545644	2565	-0.023509283
6/18/2013	81.14	-0.021058	0.000537865	2566	0.06214506
3/4/2013	82.88	-0.989711	0.000526714	2567	-0.016599038
11/10/2023	8055.05	0.362319	0.000515458	2568	0.019930752
3/31/2023	5912.75	8.533198	0.000512183	2569	0.018091345
5/25/2017	620.23	-0.290476	0.000489228	2570	0.024567238
7/3/2019	874.15	0.09541	0.000488648	2571	-0.008146201
1/2/2020	798.01	6.000981	0.00048308	2572	0.028878728
9/3/2007	113.99	0.286096	0.000478739	2573	-0.00869099
5/25/2012	88.63	-0.004047	0.000478335	2574	0.014705837
9/20/2011	88.99	-0.914255	0.000476308	2575	0.00929738
12/31/2015	1037.83	9.98877	0.000468231	2576	-0.000416956
8/30/2012	94.44	-0.05149	0.000461955	2577	-0.023358107
12/24/2012	99.57	-0.868098	0.00043847	2578	0.016294535
8/22/2016	754.89	15.03142	0.00043275	2579	0.01461611
10/6/2008	47.09	-0.950107	0.000399962	2580	0.005281647
3/9/2018	943.78	7.842331	0.000399178	2581	-0.018288082
7/27/2010	106.73	-0.920718	0.000386641	2582	-0.052541067
7/13/2018	1346.26	1.341218	0.000384877	2583	0.006904743
6/1/2015	575.02	-0.338857	0.000355814	2584	-0.017311404
10/1/2015	869.74	0.377998	0.000345737	2585	-0.012286917
10/20/2016	631.16	1.239955	0.000332768	2586	0.001496208
7/21/2014	281.78	1.493709	0.000322634	2587	-0.011175769
5/24/2007	112.99	-0.98511	0.000315283	2588	0.035994863
6/30/2023	7588.50	0.222749	0.000309788	2589	-0.041841735
1/17/2023	6206.10	0.505053	0.000303867	2590	-0.020017626
7/28/2021	4123.51	-0.426271	0.000299322	2591	-0.023506906
8/2/2023	7187.20	93.79643	0.000299287	2592	0.000645044
8/21/2013	75.82	0.184627	0.000295139	2593	0.000936177
7/31/2008	64.00	-0.163751	0.000294114	2594	0.017916288
8/30/2013	76.53	-0.894758	0.000292468	2595	-0.000583959
5/16/2017	727.21	-0.904794	0.000288802	2596	0.038621335
6/5/2023	7638.27	109.7224	0.000285829	2597	0.007730744
9/30/2009	68.99	-0.898913	0.000284197	2598	-0.0279386
10/18/2019	682.44	0.210083	0.000282432	2599	-0.023464984
5/27/2015	563.96	7.058254	0.000282116	2600	0.004271483

10/16/2009	69.99	-0.710775	0.000280137	2601	-0.008703435
6/4/2014	241.98	2.011473	0.000277287	2602	-0.045733714
6/10/2013	80.35	0.192497	0.000271732	2603	-0.032817362
5/15/2008	67.38	-0.198631	0.00027024	2604	-0.011633074
4/16/2013	84.08	-0.020335	0.00025985	2605	0.024877285
5/8/2013	85.83	-0.022501	0.000254297	2606	-0.026302506
4/4/2012	87.80	-0.910193	0.00024119	2607	-0.012518484
1/12/2018	977.68	9.445972	0.000240783	2608	-0.026753048
2/7/2013	93.59	-0.00878	0.000233435	2609	-0.018097765
7/26/2012	94.42	-0.023329	0.000230739	2610	0.012425884
7/10/2012	96.68	-0.04086	0.000219115	2611	0.014251568
7/1/2011	100.80	-0.023372	0.000204642	2612	0.016911386
8/9/2010	103.21	-0.983226	0.000200003	2613	0.056277465
10/11/2021	6152.98	57.40442	0.000176441	2614	0.013183793
10/29/2007	105.35	-0.027843	0.00017231	2615	-0.017279746
10/10/2007	108.37	-0.174583	0.000167789	2616	0.00220846
11/10/2010	131.29	-0.975528	0.000157037	2617	0.03907005
12/21/2021	5364.90	-0.400579	0.000128892	2618	0.024397177
9/1/2022	8950.14	9.617581	0.000116435	2619	-0.004113643
6/19/2020	842.95	0.370281	0.000114343	2620	0.036591972
7/17/2015	615.17	1.187779	0.000112822	2621	-0.019068498
11/7/2014	281.18	-0.537862	8.0644E-05	2622	-0.000144043
8/9/2019	608.44	-0.927271	7.9253E-05	2623	-0.015976571
12/8/2023	8365.85	5.147649	4.77457E-05	2624	-0.024561849
8/16/2018	1360.82	-0.821905	3.48956E-05	2625	-0.012341141
2/2/2024	7641.00	8.39424	1.31003E-05	2626	0.042344462
6/10/2019	813.37	1.963786	0	2627	0.024210711
11/26/2014	274.44	-0.003383	0	2628	0.018149005
11/17/2014	275.37	-0.019972	0	2629	0.013650522
10/15/2014	280.98	0.111543	0	2630	-0.026930434
4/24/2014	252.78	1.98857	0	2631	0.010897887
5/13/2013	84.58	-0.121059	0	2632	0.020815201
11/1/2011	96.23	0.013607	0	2633	0.023737969
2/25/2011	94.94	-0.13724	0	2634	-0.00701552
6/21/2010	110.04	2.761703	0	2635	-0.005531987
3/23/2009	29.25	-0.117981	0	2636	-0.00245948
11/27/2008	33.17	-0.54909	0	2637	0.002677563
12/14/2005	73.56	0.049401	0	2638	0.025069534
11/4/2005	70.09	0.201826	0	2639	0.004452255
5/19/2005	58.32	0.110159	0	2640	-0.030536214
11/26/2004	52.53	0.003504	0	2641	-0.009330843
11/18/2004	52.35	-0.005387	0	2642	-0.025991349
11/15/2004	52.63	0.020698	0	2643	0.004420079
10/22/2004	51.57	0.800295	0	2644	0.033524296
4/28/2004	28.64	-0.00559	0	2645	0.013016581

4/14/2004	28.80	0.055457	0	2646	0.029058062
4/9/2004	27.29	-0.080304	0	2647	-0.049872072
3/2/2004	29.67	-0.058733	0	2648	-0.012217559
2/2/2004	31.53	-0.022467	0	2649	0.034596173
1/26/2004	32.25	-0.195582	0	2650	-0.022631408
12/25/2003	40.09	0.402817	0	2651	0.026498871
11/26/2003	28.58	-0.00838	0	2652	-0.001415923
10/2/2003	28.82	0.112492	0	2653	-0.004930489
8/15/2003	25.91	0.204342	0	2654	0.027167426
5/7/2003	21.51	0	0	2655	-0.007261527
5/1/2003	21.51	-0.015475	0	2656	0.006662173
4/18/2003	21.85	-0.002939	0	2657	0.0002721
3/18/2003	21.91	0.02485	0	2658	0.029704787
3/14/2003	21.38	-0.085399	0	2659	-0.04646609
2/13/2003	23.38	-0.226425	0	2660	0.02530744
12/25/2002	30.22	0.085599	0	2661	0.026460628
11/19/2002	27.84	0.001158	0	2662	-0.005341677
11/6/2002	27.81	-0.083819	0	2663	-0.033073958
10/15/2002	30.35	0.032311	0	2664	-0.00642291
10/2/2002	29.40	-0.09738	0	2665	0.025406474
9/10/2002	32.57	0.045478	0	2666	-0.022213608
8/15/2002	31.16	-0.995273	0	2667	-0.002801159
5/2/2023	6591.58	6.602422	-5.26657E-05	2668	0.007324608
3/8/2016	867.04	-0.882257	-5.33571E-05	2669	0.034031904
5/31/2023	7363.82	7.578021	-6.06019E-05	2670	-0.017402152
9/15/2017	858.45	-0.881218	-0.000109694	2671	0.009780393
9/29/2023	7227.15	58.69001	-0.000117612	2672	-0.043681108
6/11/2007	121.08	-0.838737	-0.000146925	2673	-0.057819949
8/26/2016	750.81	-0.160009	-0.000155244	2674	-0.042231906
11/23/2017	893.83	7.771532	-0.000157918	2675	-0.006166246
4/5/2007	101.90	-0.58596	-0.000174874	2676	0.005957236
5/2/2014	246.12	1.41202	-0.000181687	2677	0.017959624
7/13/2012	102.04	0.00107	-0.00021373	2678	-0.017717614
10/4/2012	101.93	0.023888	-0.00021387	2679	-0.055901059
12/26/2012	99.55	-0.984989	-0.000218988	2680	0.032824343
2/10/2023	6631.66	68.08438	-0.000224444	2681	-0.003545026
8/22/2012	95.99	0.375579	-0.000227328	2682	-0.007526284
12/29/2005	69.78	-0.908515	-0.000245597	2683	0.003858786
11/14/2019	762.79	0.004377	-0.000252545	2684	-0.007619955
12/3/2019	759.47	9.934506	-0.00025373	2685	0.006602135
10/6/2009	69.46	-0.990299	-0.000282228	2686	-0.019870668
8/9/2023	7159.95	106.3572	-0.000286206	2687	0.038692931
11/25/2009	66.69	-0.990771	-0.000293694	2688	-0.028269328
7/26/2023	7226.70	118.2237	-0.000297406	2689	-0.020844889
9/12/2008	60.61	0.16714	-0.000310225	2690	0.020862349

10/20/2004	51.93	-0.928198	-0.000321091	2691	0.011939982
9/19/2016	723.30	1.637093	-0.000322246	2692	-0.002086985
8/26/2014	274.28	-0.672215	-0.000331241	2693	-0.014079525
2/27/2019	836.76	7.397825	-0.00034016	2694	0.034725262
3/15/2007	99.64	0.014687	-0.000357218	2695	0.033844151
3/9/2007	98.20	-0.902649	-0.000362473	2696	-0.006827519
4/17/2018	1008.70	0.060378	-0.000373259	2697	-0.006445516
3/14/2018	951.27	-0.88549	-0.000395787	2698	-0.026714156
1/19/2024	8307.30	85.93525	-0.000409158	2699	-0.023558231
1/24/2013	95.56	-0.986909	-0.000456251	2700	-0.035454536
10/9/2023	7299.40	6.984155	-0.000458745	2701	-0.006962526
4/9/2019	914.24	0.420572	-0.000466708	2702	-0.037467663
12/7/2016	643.57	1.285086	-0.000470841	2703	0.001577213
7/22/2014	281.64	7.499458	-0.000483797	2704	0.008919384
8/21/2002	33.14	-0.613564	-0.000485579	2705	0.025308903
10/14/2011	85.75	0.028978	-0.000493739	2706	0.03147008
11/18/2011	83.33	-0.051488	-0.000508135	2707	0.028429619
10/25/2013	87.86	-0.176713	-0.000509321	2708	-0.009186139
9/27/2007	106.71	-0.987809	-0.00051085	2709	-0.006609133
12/29/2023	8753.45	286.3442	-0.000513819	2710	0.025764379
2/10/2004	30.46	-0.965297	-0.000528291	2711	0.044436184
11/21/2017	877.83	6.827002	-0.000536067	2712	0.029242298
7/23/2010	112.15	-0.875898	-0.000536584	2713	0.023998705
7/21/2020	903.72	29.94145	-0.000542438	2714	-0.002822502
9/30/2003	29.21	-0.953401	-0.000550926	2715	-0.011237278
10/10/2016	626.78	17.77002	-0.000557767	2716	0.060913451
12/26/2008	33.39	-0.963701	-0.000562742	2717	0.017657528
1/10/2019	919.93	14.74179	-0.000567084	2718	0.051855713
5/5/2005	58.44	0.820829	-0.000570461	2719	-0.000419627
2/9/2009	32.09	0.000587	-0.000585614	2720	-0.022787432
2/10/2009	32.08	-0.469541	-0.000586455	2721	0.011613209
7/27/2006	60.47	-0.073462	-0.000588562	2722	0.004251246
11/20/2009	65.26	-0.364497	-0.000600172	2723	0.021286444
8/24/2010	102.69	2.893801	-0.000601778	2724	0.004544196
9/22/2003	26.37	-0.739255	-0.000610427	2725	0.021456673
9/27/2010	101.15	-0.104564	-0.000611052	2726	-0.018075761
5/23/2007	112.96	-0.545168	-0.00063024	2727	-0.006990039
4/9/2014	248.35	-0.9654	-0.000630467	2728	-0.06914748
8/7/2023	7177.90	85.19329	-0.000633529	2729	0.004223086
11/6/2006	83.28	-0.987209	-0.0006408	2730	-0.054525661
11/17/2021	6510.64	0.726461	-0.000644038	2731	-0.077035254
5/5/2021	3771.09	-0.31713	-0.000649827	2732	0.007127648
9/30/2021	5522.41	228.5737	-0.000661019	2733	0.054244159
6/18/2003	24.06	-0.971822	-0.000668684	2734	0.03080084
5/30/2016	853.67	-0.865082	-0.000676693	2735	-0.048068731

4/12/2023	6327.35	7.82419	-0.000681641	2736	-0.021791387
5/11/2017	717.05	6.50897	-0.000682454	2737	-0.002486256
1/25/2013	95.49	-0.891565	-0.00068495	2738	-0.013114963
5/13/2016	880.63	8.950466	-0.000708451	2739	-0.009067512
6/14/2012	88.50	0.244378	-0.000717753	2740	-0.056699567
8/4/2005	71.12	0.000724	-0.000722496	2741	0.035130511
8/5/2005	71.07	-0.979683	-0.00072323	2742	0.053059297
6/4/2021	3498.10	3.983675	-0.000728589	2743	-0.017021189
3/24/2017	701.91	-0.180434	-0.000730415	2744	-0.062104082
6/12/2020	856.44	0.01569	-0.000730725	2745	0.021934915
2/4/2019	843.21	-0.797729	-0.000730834	2746	0.02725089
8/2/2021	4168.72	198.314	-0.000733514	2747	0.027640939
5/13/2003	20.92	-0.996836	-0.000769321	2748	0.008266688
2/21/2023	6609.93	6.707583	-0.000772461	2749	0.004392214
2/11/2019	857.59	9.551244	-0.000774022	2750	-0.002185271
11/29/2011	81.28	0.270459	-0.000781122	2751	0.00238073
4/4/2005	63.98	-0.992559	-0.00078153	2752	0.030705793
1/17/2024	8597.80	10.37645	-0.000784469	2753	-0.001887934
6/21/2017	755.75	-0.054032	-0.000801632	2754	0.003158031
10/18/2017	798.92	-0.897455	-0.000824407	2755	-0.022106345
6/13/2023	7790.92	7.942289	-0.000827164	2756	0.043050389
3/31/2016	871.24	10.18759	-0.000848557	2757	0.012896151
8/14/2013	77.88	-0.908271	-0.000861564	2758	0.018560931
5/6/2016	848.98	5.995351	-0.00087094	2759	0.077352637
7/11/2007	121.36	-0.862566	-0.000879643	2760	0.013935792
4/29/2016	883.06	12.94107	-0.000889582	2761	0.042461468
8/12/2008	63.34	-0.419635	-0.000890284	2762	-0.006842404
6/23/2010	109.14	-0.925152	-0.000897167	2763	0.003827461
11/13/2020	1458.18	11.33067	-0.000907389	2764	-0.000235366
7/23/2007	118.26	0.94072	-0.000921593	2765	0.040139362
8/12/2009	60.93	-0.947688	-0.000925614	2766	-0.028266548
5/31/2018	1164.82	-0.828128	-0.000928694	2767	0.036684524
12/8/2022	6777.22	7.312385	-0.000928836	2768	-0.012055664
2/18/2019	815.32	0.455552	-0.000930251	2769	-0.026546929
5/25/2015	560.14	-0.361272	-0.00093186	2770	-0.019741062
7/3/2020	876.97	0.018405	-0.000933066	2771	-0.030668485
4/8/2016	861.12	24.97466	-0.000939116	2772	-0.031781594
8/28/2002	33.15	-0.881792	-0.000970216	2773	0.02210669
9/10/2014	280.46	-0.591859	-0.000971086	2774	0.05604644
4/17/2020	687.16	0.913723	-0.000980704	2775	-0.014352691
2/4/2015	359.07	-0.537418	-0.001011303	2776	-0.011217562
7/14/2016	776.23	6.734141	-0.001011971	2777	0.015416244
6/10/2011	100.36	-0.988522	-0.001026099	2778	-0.008376716
1/1/2024	8744.20	107.0039	-0.001056726	2779	-0.002036109
7/2/2013	80.96	1.713624	-0.001076791	2780	-0.02885421

11/11/2003	29.84	0.00108	-0.00107816	2781	0.023894487
11/12/2003	29.80	-0.967512	-0.001079257	2782	0.000313053
1/23/2019	917.37	29.94807	-0.001084773	2783	0.026771953
9/5/2003	29.64	0.002723	-0.00108518	2784	-0.043398759
8/2/2002	29.56	-0.704536	-0.001088132	2785	0.020060978
12/31/2012	100.05	-0.988227	-0.001089101	2786	-0.029216745
6/8/2022	8498.70	0.176608	-0.001090544	2787	0.016216643
7/28/2023	7223.05	0.022284	-0.00110634	2788	-0.019550127
8/16/2023	7065.60	73.35438	-0.001109797	2789	0.014462361
7/3/2012	95.03	-0.988661	-0.001113307	2790	-0.018253783
11/23/2023	8380.35	250.2474	-0.001114532	2791	-0.06831566
12/29/2008	33.35	-0.518001	-0.001126507	2792	-0.022218135
9/18/2009	69.20	-0.07599	-0.001131644	2793	-0.008670615
9/6/2005	74.89	1.66555	-0.001142907	2794	-0.032673034
11/1/2002	28.10	0.001148	-0.00114467	2795	-0.009748202
11/4/2002	28.06	-0.965702	-0.001146195	2796	-0.003615233
5/10/2019	818.26	7.71016	-0.001158259	2797	-0.004535523
11/29/2012	93.94	0.639839	-0.001159753	2798	0.026027302
4/22/2005	57.29	-0.460559	-0.001163203	2799	-0.07067851
8/11/2010	106.20	-0.988014	-0.001163398	2800	0.018329191
12/26/2023	8860.30	9.248614	-0.001166835	2801	0.087751619
6/30/2020	864.54	8.310905	-0.001168877	2802	-0.021907408
9/4/2012	92.85	0.008292	-0.001173534	2803	0.023565615
2/12/2013	92.09	-0.89932	-0.001183003	2804	0.031736184
4/8/2019	914.66	6.58884	-0.001191571	2805	0.042292327
12/27/2010	120.53	0.363496	-0.001196014	2806	-0.018447536
6/15/2012	88.40	-0.685605	-0.001196452	2807	0.015546121
11/5/2014	281.16	2.233135	-0.001210824	2808	-0.024231627
11/13/2006	86.96	0.612338	-0.001227354	2809	0.01927302
12/24/2004	53.94	-0.992613	-0.001235335	2810	0.046962323
9/27/2023	7301.70	7.133798	-0.001258355	2811	-0.016972048
4/13/2016	897.70	-0.743037	-0.001260655	2812	-0.03296808
5/26/2021	3493.49	57.82111	-0.001261916	2813	-0.030871714
8/10/2009	59.39	-0.992923	-0.00126539	2814	0.020632854
12/5/2023	8392.10	125.7003	-0.001273408	2815	-0.017301567
2/16/2006	66.24	-0.949365	-0.00129243	2816	0.011423862
7/24/2018	1308.11	44.41693	-0.001304096	2817	0.030781835
3/9/2009	28.80	-0.573003	-0.001304616	2818	0.020228989
5/20/2008	67.45	-0.322642	-0.001345626	2819	0.001570345
10/30/2013	99.58	3.176125	-0.00134651	2820	-0.018149214
6/20/2003	23.85	-0.996352	-0.00134819	2821	-0.005513936
2/2/2023	6537.00	273.8796	-0.001349036	2822	-0.03152152
3/24/2004	23.78	-0.968699	-0.001352088	2823	-0.014377081
9/28/2017	759.75	0.482712	-0.00136144	2824	-0.034276884
6/5/2015	512.41	-0.49482	-0.001372696	2825	0.059874707

1/23/2018	1014.31	0.073707	-0.001390317	2826	0.034291299
4/4/2018	944.68	-0.83753	-0.001393493	2827	-0.005795567
12/8/2021	5814.47	63.75354	-0.001398692	2828	0.01593652
8/11/2011	89.79	-0.899797	-0.001413441	2829	0.005607278
7/23/2020	896.12	6.801987	-0.001420945	2830	0.037050151
9/10/2007	114.86	0.29131	-0.00142232	2831	-0.011292518
9/19/2011	88.95	-0.934544	-0.001426797	2832	0.005946546
8/17/2018	1358.88	0.901349	-0.001429425	2833	0.022656435
9/9/2016	714.69	31.02573	-0.0014337	2834	0.014489577
4/16/2003	22.32	-0.818491	-0.001440823	2835	0.018001035
6/1/2007	122.95	0.894852	-0.001446059	2836	0.043416448
7/25/2008	64.89	-0.08193	-0.001447572	2837	0.015909718
10/5/2005	70.68	0.233691	-0.001453367	2838	0.00289161
2/21/2005	57.29	-0.992579	-0.001453568	2839	-0.041317905
7/17/2023	7719.50	232.1903	-0.001455228	2840	0.033372118
8/29/2002	33.10	-0.525275	-0.001457189	2841	0.001136122
1/24/2006	69.73	-0.747245	-0.001473102	2842	0.008575876
11/24/2014	275.89	11.90277	-0.001479934	2843	0.017408171
3/13/2003	21.38	-0.745931	-0.001503843	2844	-0.028328101
5/14/2012	84.16	-0.9177	-0.001507931	2845	-0.030066615
1/29/2018	1022.59	15.59736	-0.001516902	2846	0.015176768
8/19/2008	61.61	-0.422944	-0.00152438	2847	-0.002551277
9/26/2007	106.77	-0.981566	-0.001529692	2848	-0.01301675
10/27/2021	5792.01	6.258528	-0.001540192	2849	0.002037753
11/4/2019	797.96	-0.063358	-0.001567019	2850	-0.005368035
10/19/2015	851.94	0.065044	-0.001571807	2851	-0.036910841
7/11/2016	799.91	0.019678	-0.001587473	2852	0.000135787
4/29/2020	784.47	6.64048	-0.001594077	2853	0.019975697
8/18/2010	102.67	2.46375	-0.001603738	2854	-0.001997542
10/17/2003	29.64	-0.642868	-0.001626652	2855	0.038273307
5/12/2006	83.00	0.049791	-0.00164953	2856	-0.005296357
6/13/2013	79.06	-0.710491	-0.001652849	2857	0.005905574
10/21/2014	273.10	-0.670617	-0.001661146	2858	0.032610469
6/13/2016	829.11	8.113554	-0.001670621	2859	-0.018636176
2/15/2013	90.98	2.172533	-0.001676006	2860	0.0486209
10/6/2003	28.68	-0.733191	-0.001681429	2861	0.002747169
8/1/2007	107.48	0.228531	-0.001688376	2862	0.001703589
5/30/2012	87.48	-0.967119	-0.001692098	2863	0.005332003
3/8/2021	2660.69	29.49435	-0.001693007	2864	-0.010989346
9/15/2011	87.25	1.630699	-0.001696449	2865	0.004229034
11/26/2008	33.17	-0.958063	-0.001698869	2866	-0.025354443
7/7/2017	790.87	-0.153488	-0.00170719	2867	0.015667589
3/22/2018	934.27	15.04677	-0.001710325	2868	-0.045330659
5/20/2005	58.22	0.001722	-0.001716114	2869	0.075539358
3/23/2005	58.12	-0.991153	-0.001718652	2870	-0.014026357

12/14/2022	6569.70	61.31692	-0.001718813	2871	-0.019336853
8/23/2007	105.42	0.516675	-0.001721071	2872	0.02425464
11/30/2005	69.51	1.526091	-0.001723555	2873	0.015403039
10/28/2003	27.52	-0.56993	-0.001752289	2874	-0.056248807
7/30/2008	63.98	-0.936594	-0.001760919	2875	0.020317664
4/16/2018	1009.08	11.84789	-0.001769705	2876	0.028744206
9/6/2006	78.54	-0.988599	-0.001810405	2877	-0.02256325
11/2/2022	6889.19	57.67631	-0.001811362	2878	0.051499979
4/19/2007	117.41	3.459972	-0.001816291	2879	-0.007623325
9/23/2003	26.33	-0.739041	-0.001831376	2880	-0.002318575
3/23/2011	100.88	0.158608	-0.001836138	2881	-0.034798465
11/10/2006	87.07	0.125173	-0.001836819	2882	0.004171271
9/1/2006	77.38	-0.989852	-0.001837239	2883	-0.022137669
10/31/2023	7625.20	116.1842	-0.00183916	2884	-0.028385746
1/31/2006	65.07	-0.991242	-0.001840461	2885	0.011310032
2/14/2024	7429.55	3.090448	-0.001847299	2886	0.025738732
12/30/2020	1816.32	20.71341	-0.001859664	2887	0.028047377
10/8/2013	83.65	0.145239	-0.001869432	2888	-0.050769823
8/22/2005	73.04	-0.907134	-0.001873931	2889	-0.004413691
8/13/2015	786.52	0.28041	-0.001877997	2890	0.005115654
4/8/2020	614.27	-0.20309	-0.001878777	2891	0.061654206
8/24/2017	770.82	-0.883793	-0.001889835	2892	0.005796737
2/9/2023	6633.15	18.13174	-0.00189611	2893	0.008077282
1/29/2015	346.71	-0.588069	-0.001896763	2894	0.001017634
11/17/2017	841.67	-0.134443	-0.001898	2895	-0.019638403
1/2/2019	972.40	2.769356	-0.001899119	2896	-0.005560782
3/20/2014	257.98	-0.658327	-0.001904721	2897	-0.037541275
5/13/2020	755.04	-0.906866	-0.00191033	2898	0.003939909
6/30/2022	8107.00	9.560688	-0.00193006	2899	0.010297802
11/26/2019	767.66	9.935985	-0.001941552	2900	-0.038881197
11/21/2005	70.20	-0.054852	-0.001949747	2901	-0.001425525
2/18/2008	74.27	-0.258013	-0.00195402	2902	-0.00078132
12/17/2012	100.10	0.446792	-0.001957722	2903	-0.048697143
7/27/2005	69.18	-0.985628	-0.001978293	2904	0.004952852
9/6/2021	4813.85	5.905688	-0.001985346	2905	0.053609009
9/28/2016	697.08	7.064573	-0.002003065	2906	-0.006590372
3/7/2013	86.44	0.746831	-0.002014987	2907	-0.041826953
9/15/2004	49.48	-0.514054	-0.002018342	2908	0.020236475
5/10/2011	101.83	3.28183	-0.002020967	2909	0.07346103
6/11/2003	23.78	-0.63242	-0.002027265	2910	0.016275091
8/19/2009	64.70	-0.928682	-0.002031478	2911	0.009349179
3/11/2019	907.17	-0.068631	-0.002035542	2912	0.041355195
12/13/2018	974.01	9.174402	-0.002041662	2913	0.024059545
8/28/2012	95.73	3.075168	-0.00204676	2914	0.033783521
2/26/2003	23.49	-0.95279	-0.002052182	2915	-0.043828365

11/17/2016	497.59	14.9383	-0.002057618	2916	0.028111902
12/12/2002	31.22	-0.99129	-0.00205869	2917	-0.003772995
5/19/2021	3584.47	41.46551	-0.002061944	2918	-0.006490733
4/29/2013	84.41	1.168984	-0.002063216	2919	-0.005027392
12/31/2003	38.92	-0.958952	-0.002064601	2920	0.009196132
1/9/2018	948.07	11.92529	-0.002081332	2921	0.047312913
1/6/2006	73.35	0.157388	-0.002098758	2922	0.00459542
6/14/2005	63.38	-0.931367	-0.002100738	2923	0.027284802
10/12/2018	923.39	13.59328	-0.002102075	2924	0.022462982
6/22/2005	63.28	-0.738554	-0.002103927	2925	0.030059929
5/6/2014	242.02	1.511513	-0.002122213	2926	0.030900946
6/21/2011	96.36	-0.047654	-0.002134994	2927	0.053905336
1/21/2013	101.19	-0.886029	-0.002151489	2928	-0.001374986
5/18/2016	887.82	8.780018	-0.002157082	2929	0.033133803
2/18/2013	90.78	-0.901207	-0.002158101	2930	0.033587052
1/17/2019	918.89	40.3249	-0.002163821	2931	-0.020198445
3/28/2003	22.24	-0.957473	-0.002167571	2932	-0.014176233
5/14/2015	522.86	-0.442613	-0.00216817	2933	0.031818086
12/26/2018	938.05	30.71481	-0.002170171	2934	0.028164724
2/6/2004	29.58	-0.694462	-0.002172819	2935	0.007364178
11/8/2011	96.81	-0.986713	-0.002183427	2936	-0.002882239
9/21/2023	7285.95	9.071003	-0.002184323	2937	0.025977659
5/19/2017	723.46	-0.138223	-0.002186946	2938	0.027303061
11/3/2015	839.50	0.069486	-0.002198758	2939	-0.005846646
7/16/2019	784.95	13.8567	-0.002204503	2940	0.017982146
11/11/2004	52.83	-0.992623	-0.002205029	2941	0.039594749
8/8/2023	7162.00	115.1237	-0.002215119	2942	-0.009378547
11/11/2009	61.68	-0.990834	-0.002219411	2943	-0.00941744
11/29/2022	6729.00	25.07257	-0.002236336	2944	0.000448446
4/22/2014	258.09	-0.719608	-0.002249391	2945	0.003039282
1/9/2019	920.45	-0.886204	-0.002262805	2946	-0.04557872
7/1/2022	8088.64	0.121755	-0.002264272	2947	0.032942367
10/3/2023	7210.70	7.206833	-0.002276099	2948	0.004231316
5/16/2016	878.62	7.736766	-0.002284331	2949	0.013161883
1/16/2007	100.57	-0.211648	-0.002296744	2950	0.004458285
4/23/2010	127.56	-0.855209	-0.002298919	2951	-0.046117476
5/2/2016	881.03	13.35044	-0.002304315	2952	0.035285573
8/7/2006	61.39	-0.887774	-0.002314932	2953	0.028593216
3/17/2015	547.06	-0.922337	-0.002320622	2954	-0.008090449
5/17/2023	7043.93	82.64458	-0.002325929	2955	-0.026977623
5/22/2013	84.21	-0.985696	-0.002326269	2956	0.010231154
1/5/2022	5887.42	19.91429	-0.002333677	2957	-0.039015887
11/3/2014	281.50	-0.962642	-0.002334885	2958	0.012496877
7/6/2023	7535.35	141.0615	-0.002343385	2959	0.017521692
7/24/2006	53.04	-0.926523	-0.002344251	2960	0.017305554

9/22/2016	721.90	-0.917182	-0.002352593	2961	0.023460519
1/15/2024	8716.65	11.14804	-0.002357677	2962	-0.005676828
5/10/2017	717.54	21.64902	-0.002366771	2963	0.008125147
1/23/2009	31.68	0.002381	-0.002369703	2964	0.010127663
1/27/2009	31.61	-0.511198	-0.0023753	2965	-0.034775526
2/7/2006	64.66	-0.989212	-0.002380415	2966	-0.030414579
3/23/2023	5993.86	84.32585	-0.002402845	2967	-0.045407027
7/17/2008	70.25	1.632982	-0.002404566	2968	-0.021758284
11/13/2002	26.68	-0.968773	-0.002408209	2969	0.004965946
6/15/2020	854.37	9.594685	-0.002418621	2970	-0.010136815
10/26/2006	80.64	-0.990403	-0.002422999	2971	0.001184211
12/4/2023	8402.80	214.2959	-0.002427827	2972	0.043721889
1/13/2004	39.03	-0.945906	-0.002469068	2973	0.030061689
9/20/2016	721.50	26.91935	-0.002482434	2974	0.006388022
8/18/2003	25.84	-0.970307	-0.002486076	2975	0.019602821
9/28/2015	870.32	12.29302	-0.002491302	2976	0.031411669
5/13/2008	65.47	-0.395638	-0.002492279	2977	0.038472121
9/21/2007	108.33	-0.052391	-0.002510284	2978	0.025974322
10/29/2010	114.32	-0.84989	-0.002518605	2979	-0.009198468
11/18/2019	761.59	6.072837	-0.002523856	2980	0.014801359
8/28/2007	107.68	-0.98498	-0.002525926	2981	-0.011074534
8/3/2023	7168.85	0.099511	-0.002553163	2982	-0.051645909
2/3/2023	6520.04	67.49592	-0.002595501	2983	0.041809097
1/8/2007	95.19	0.501196	-0.002612314	2984	-0.006012897
6/21/2005	63.41	-0.770508	-0.002623328	2985	0.025232385
11/21/2014	276.30	-0.685983	-0.002624701	2986	-0.004847085
4/25/2019	879.89	16.65603	-0.00263516	2987	-0.010338694
7/9/2009	49.83	-0.43474	-0.002635721	2988	0.063053906
6/18/2012	88.16	-0.989358	-0.002636064	2989	-0.013310162
11/20/2023	8284.70	115.8814	-0.002636387	2990	-0.003339923
1/20/2006	70.88	-0.131764	-0.002652969	2991	0.024496722
5/31/2013	81.64	-0.017473	-0.002665277	2992	-0.033263718
7/31/2013	83.09	0.677478	-0.002685963	2993	-0.044194973
1/19/2005	49.53	-0.26587	-0.002686396	2994	0.06915414
5/22/2008	67.47	-0.918062	-0.002686573	2995	-0.015491482
6/22/2016	823.45	-0.039929	-0.002688698	2996	-0.002996147
10/29/2015	857.69	12.53037	-0.002688791	2997	0.023205027
10/31/2005	63.39	1.135041	-0.002696796	2998	-0.042128674
10/16/2003	29.69	-0.965521	-0.002704382	2999	0.010770132
10/21/2015	861.12	7.938053	-0.002704923	3000	-0.048304319
1/29/2013	96.34	-0.964162	-0.002709884	3001	0.04081443
2/19/2021	2688.30	26.97958	-0.002711112	3002	-0.006724675
1/30/2013	96.08	-0.109117	-0.002717496	3003	-0.004066556
5/13/2010	107.85	2.127533	-0.002718327	3004	0.014449581
12/19/2008	34.48	-0.500948	-0.002720214	3005	0.020038361

10/13/2005	69.10	-0.929551	-0.002721546	3006	-0.026201358
3/5/2018	980.83	13.24417	-0.002728632	3007	-0.011220491
10/18/2005	68.86	-0.334972	-0.002730673	3008	0.023215777
12/6/2012	103.54	-0.972292	-0.002731641	3009	0.043654801
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2/28/2017	701.33	6.252461	-0.002752146	3011	-0.003118529
12/27/2006	96.70	0.085202	-0.002754213	3012	0.013569164
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5/21/2004	29.14	-0.941809	-0.002755145	3014	-0.02035859
3/24/2015	500.82	-0.433675	-0.002759797	3015	0.046590201
3/17/2016	884.33	-0.106718	-0.002764045	3016	-0.046293546
2/5/2020	989.98	0.100645	-0.002766086	3017	0.047334527
3/22/2016	899.46	11.75918	-0.002768851	3018	0.004058812
9/9/2009	70.49	-0.914152	-0.00277251	3019	0.010340752
6/23/2016	821.16	27.61959	-0.002780075	3020	0.003689399
3/8/2004	28.69	0.001686	-0.002797967	3021	0.044376844
11/25/2002	28.64	-0.969901	-0.002802568	3022	0.018183289
3/13/2018	951.64	8.760012	-0.002811962	3023	0.019716916
8/4/2011	97.50	0.149202	-0.002816288	3024	-0.020060281
5/20/2013	84.85	-0.946137	-0.002820582	3025	-0.0217387
12/11/2020	1575.21	25.37195	-0.002825359	3026	0.010790931
5/25/2009	59.73	-0.438939	-0.002826641	3027	0.00922884
1/29/2007	106.46	1.028286	-0.002835231	3028	0.000192144
9/23/2008	52.49	-0.942259	-0.002859094	3029	0.011987262
3/8/2019	909.02	12.14334	-0.002862263	3030	0.07046419
5/7/2008	69.16	-0.894348	-0.002882283	3031	0.037035749
7/23/2015	654.62	8.512539	-0.002888344	3032	0.024084329
4/23/2008	68.82	1.126727	-0.002897154	3033	0.007477621
2/3/2009	32.36	-0.705798	-0.002898409	3034	-0.047176291
4/27/2007	109.99	-0.861014	-0.002905598	3035	0.014495459
8/18/2017	791.34	-0.172676	-0.002906606	3036	-0.001109858
12/7/2018	956.51	15.53452	-0.002917935	3037	0.045844708
6/11/2009	57.85	-0.927321	-0.002918107	3038	0.003555658
7/17/2017	795.96	12.99993	-0.002920988	3039	-0.021757719
2/10/2005	56.85	-0.992349	-0.002924659	3040	-0.004362695
7/12/2023	7431.25	7.5856	-0.002938342	3041	-0.029220745
6/29/2020	865.55	-0.901392	-0.002941157	3042	-0.050760596
9/6/2022	8777.64	7.609485	-0.002975222	3043	-0.011774139
1/30/2018	1019.53	46.78911	-0.002992515	3044	-0.001864054
5/5/2003	21.33	-0.996725	-0.003009762	3045	-0.002398567
11/16/2021	6514.83	49.38144	-0.003013887	3046	0.072467549
12/31/2010	129.31	-0.984758	-0.003019948	3047	0.062405318
10/7/2022	8483.54	265.5109	-0.003020039	3048	-0.025791482
8/7/2002	31.83	-0.996154	-0.003025855	3049	0.032392314
4/13/2022	8276.43	116.0793	-0.003026541	3050	-0.001721862

9/8/2009	70.69	-0.991182	-0.003040079	3051	-0.055317121
7/19/2022	8016.55	29.0059	-0.003041658	3052	-0.049819883
12/29/2014	267.17	-0.587246	-0.003052284	3053	0.012330666
1/9/2017	647.28	-0.061913	-0.003052799	3054	0.016085804
3/3/2017	690.00	1.617824	-0.003065964	3055	-0.014683218
7/10/2014	263.58	-0.675362	-0.003093612	3056	-0.028797042
11/6/2015	811.91	-0.782052	-0.003094741	3057	-0.028849301
6/15/2021	3725.23	43.66417	-0.003123733	3058	-0.017031546
4/11/2013	83.41	-0.866245	-0.003129183	3059	-0.020022859
8/26/2019	623.57	-0.331957	-0.00315741	3060	0.01999718
1/12/2016	933.43	16.49531	-0.00316105	3061	-0.00451508
7/3/2009	53.35	-0.932222	-0.003163397	3062	0.05186709
6/3/2020	787.17	15.6769	-0.003172203	3063	0.003033648
5/14/2009	47.20	0.558504	-0.00317837	3064	0.041610758
6/8/2004	30.29	-0.995972	-0.003179629	3065	-0.032504867
2/8/2022	7518.07	86.95886	-0.003200155	3066	-0.00138689
4/19/2012	85.47	-0.893738	-0.00321154	3067	-0.051668832
5/23/2019	804.36	5.147395	-0.003233563	3068	0.03406865
12/3/2013	130.85	-0.978719	-0.003238898	3069	0.021790471
1/12/2023	6148.45	8.453313	-0.003241201	3070	-0.018802238
10/1/2019	650.40	7.145366	-0.003248461	3071	-0.009143011
6/21/2013	79.85	-0.895953	-0.003267988	3072	0.013546594
8/1/2016	767.44	10.31126	-0.00327088	3073	0.01608252
11/11/2005	67.85	-0.399184	-0.003273791	3074	-0.004743219
3/12/2010	112.92	-0.599657	-0.003286705	3075	0.002221208
11/12/2014	282.07	-0.968005	-0.003291564	3076	-0.053581196
9/15/2022	8816.14	10.28471	-0.003303507	3077	-0.009146541
6/28/2016	781.25	18.46957	-0.003303985	3078	-0.003526168
8/3/2004	40.13	-0.643024	-0.003314237	3079	0.008205093
5/3/2007	112.41	-0.863651	-0.003315436	3080	0.042842752
12/23/2019	824.41	11.67623	-0.003319785	3081	-0.013584619
3/10/2008	65.04	1.264129	-0.003342365	3082	-0.025031684
10/3/2003	28.72	-0.878964	-0.003351968	3083	-0.009802286
5/8/2014	237.32	2.428448	-0.003383221	3084	0.018835912
10/7/2009	69.22	-0.367479	-0.003385966	3085	0.04349728
3/4/2010	109.44	-0.98492	-0.003390983	3086	0.013598388
10/5/2023	7257.20	12.43388	-0.003391932	3087	-0.011007163
5/20/2015	540.22	-0.56487	-0.003395203	3088	0.039099112
6/22/2018	1241.51	-0.850533	-0.003401133	3089	-0.022331836
11/28/2023	8306.20	0.319567	-0.003401457	3090	-0.01348914
1/18/2022	6294.64	20.39538	-0.003407367	3091	-0.02932997
3/5/2014	294.21	4.498963	-0.003411164	3092	-0.015455769
12/28/2004	53.50	-0.175172	-0.003417311	3093	-0.004713394
3/10/2006	64.86	-0.321803	-0.003423922	3094	0.024484623
9/2/2010	95.64	-0.025657	-0.003437154	3095	-0.025572605

2/9/2012	98.16	-0.85023	-0.003440894	3096	0.032499551
10/7/2019	655.41	7.445215	-0.003442761	3097	-0.062478495
8/16/2013	77.61	-0.989995	-0.003448008	3098	-0.009352944
6/9/2023	7756.79	67.87553	-0.00344818	3099	-0.04134785
5/10/2007	112.62	0.15704	-0.003465868	3100	-0.003187792
7/6/2012	97.33	2.010574	-0.003469997	3101	-0.039806435
6/16/2004	32.33	-0.959263	-0.003474107	3102	-0.025994873
8/17/2017	793.65	8.794823	-0.003487564	3103	-0.00186985
5/27/2013	81.03	-0.041316	-0.003488114	3104	-0.017334986
1/11/2012	84.52	-0.897269	-0.003496443	3105	-0.002769608
7/9/2019	822.72	-0.013268	-0.003501044	3106	-0.030998805
6/9/2016	833.78	2.657128	-0.003509926	3107	-0.005055477
5/30/2014	227.99	2.720817	-0.003521015	3108	0.017219725
6/1/2005	61.27	0.926104	-0.003525821	3109	0.031664062
2/18/2009	31.81	-0.966505	-0.003535421	3110	0.03426622
3/6/2020	949.76	-0.394911	-0.003538086	3111	0.003367858
12/14/2020	1569.62	1.189432	-0.003549493	3112	-0.001102667
6/13/2017	716.91	-0.131726	-0.003565208	3113	-0.021335744
6/21/2016	825.67	0.066897	-0.003571979	3114	0.007879203
7/21/2016	773.90	0.082488	-0.003572972	3115	-0.014125195
4/17/2017	714.92	7.095515	-0.003575142	3116	-0.007472406
5/28/2012	88.31	-0.891293	-0.003585087	3117	0.007288176
2/19/2019	812.37	25.14226	-0.003607763	3118	-0.026412435
12/9/2002	31.08	-0.530111	-0.003613939	3119	-0.015108479
3/1/2006	66.13	-0.15491	-0.003615899	3120	0.007414914
10/3/2006	78.26	-0.229618	-0.003627492	3121	0.002431236
5/5/2011	101.58	0.464501	-0.003640059	3122	-0.01577847
5/6/2008	69.36	-0.124168	-0.003655458	3123	0.021428396
6/17/2008	79.20	0.066846	-0.00365863	3124	0.017604015
2/29/2008	74.23	-0.973143	-0.003659681	3125	0.034802967
2/5/2021	2763.98	-0.650652	-0.003659732	3126	0.03947035
7/6/2022	7911.83	105.2994	-0.003667329	3127	0.016695274
7/20/2005	74.43	0.007583	-0.003671415	3128	-0.035876919
6/30/2008	73.87	-0.419589	-0.003677625	3129	0.058698824
4/16/2010	127.27	0.715481	-0.003681952	3130	-0.036872182
8/26/2005	74.19	0.007059	-0.00368365	3131	-0.018571531
5/26/2008	73.67	-0.221179	-0.003687151	3132	-0.00241331
2/28/2011	94.59	-0.903226	-0.003691766	3133	0.003319624
1/11/2018	977.44	10.99635	-0.003694952	3134	-0.034297114
9/14/2006	81.48	0.044457	-0.003701295	3135	0.016051316
9/11/2013	78.01	-0.214333	-0.003715053	3136	-0.006820674
9/30/2010	99.29	-0.988602	-0.003723413	3137	-0.007448034
1/2/2024	8711.45	9.669126	-0.00374534	3138	-0.024265945
11/13/2015	816.51	7.719643	-0.003752506	3139	0.033917251
12/15/2009	93.64	0.286854	-0.003753286	3140	-0.008290661

8/23/2005	72.77	-0.991679	-0.003755199	3141	0.022366545
9/7/2022	8744.65	0.196433	-0.003758552	3142	-0.02817085
3/21/2022	7308.93	99.82318	-0.003767577	3143	0.023491152
8/24/2005	72.49	-0.243073	-0.003768942	3144	-0.017396535
12/14/2007	95.77	0.073671	-0.003781371	3145	-0.043527549
3/1/2012	89.20	-0.110665	-0.003785149	3146	-0.006975217
7/29/2011	100.30	0.905594	-0.003787049	3147	0.013194758
11/12/2004	52.63	0.78051	-0.003787779	3148	0.043952066
3/3/2004	29.56	-0.965451	-0.003798265	3149	0.021674549
2/25/2019	855.64	23.90807	-0.003811338	3150	-0.001147404
12/22/2008	34.35	-0.960145	-0.003819134	3151	-0.00218269
4/7/2016	861.93	5.752616	-0.003821819	3152	0.023677935
4/13/2010	127.64	1.898309	-0.003823654	3153	-0.004559993
5/5/2009	44.04	-0.993908	-0.00382964	3154	0.014588222
7/25/2023	7228.85	9.419609	-0.003837846	3155	-0.012989363
3/29/2017	693.77	9.972295	-0.0038505	3156	-0.03138059
8/8/2008	63.23	-0.990436	-0.003852782	3157	0.045158092
2/17/2023	6611.07	-0.233832	-0.003864698	3158	0.047892398
9/19/2022	8628.76	297.5575	-0.003882963	3159	-0.003526065
9/1/2003	28.90	-0.895673	-0.003884513	3160	-0.018904895
11/20/2014	277.03	1.865448	-0.003920953	3161	-0.024833587
2/13/2012	96.68	-0.824954	-0.003928464	3162	0.031255229
7/6/2015	552.30	-0.334975	-0.003933656	3163	-0.025869431
6/10/2016	830.50	9.038796	-0.003938155	3164	-0.018570017
4/9/2013	82.73	0.063167	-0.003940061	3165	-0.037199416
2/5/2008	77.81	2.200545	-0.003955082	3166	-0.016109726
3/3/2003	24.31	-0.997212	-0.003957553	3167	-0.016054042
1/11/2024	8720.80	11.12624	-0.003957579	3168	-0.026974469
6/15/2017	719.17	-0.91428	-0.003972245	3169	0.061966009
11/22/2023	8389.70	121.4498	-0.003983	3170	-0.000775127
10/13/2009	68.52	-0.916174	-0.003988717	3171	0.033808482
5/20/2019	817.36	1.775204	-0.003989083	3172	-0.007862762
1/8/2015	294.52	-0.64994	-0.003995016	3173	0.029009854
11/2/2015	841.35	0.366479	-0.003996845	3174	0.026821894
10/14/2016	615.70	-0.768934	-0.003998646	3175	0.043546553
3/15/2021	2664.61	33.29496	-0.004014781	3176	0.035928482
9/12/2013	77.70	-0.910948	-0.004016253	3177	-0.047708093
9/24/2015	872.49	35.73792	-0.004038626	3178	-0.006446295
6/23/2003	23.75	0.004084	-0.00405175	3179	0.026597157
6/24/2003	23.65	-0.7652	-0.004067729	3180	0.018944815
9/28/2010	100.73	0.316224	-0.004076688	3181	-0.015007823
8/26/2013	76.53	-0.911244	-0.004076772	3182	0.050664147
12/14/2017	862.29	0.474194	-0.004078079	3183	-0.018336452
11/29/2016	584.92	-0.103951	-0.004089487	3184	-0.026044667
1/13/2017	652.78	22.9189	-0.004091227	3185	-0.013507899

4/8/2004	27.29	-0.704094	-0.004112636	3186	0.037517125
6/27/2012	92.23	1.372896	-0.004117235	3187	-0.018444761
1/14/2004	38.87	-0.943249	-0.004125488	3188	-0.009071088
2/6/2017	684.89	-0.115917	-0.004136642	3189	0.024973047
8/11/2016	774.69	13.85945	-0.004136684	3190	-0.013577367
12/1/2004	52.13	-0.147883	-0.004141714	3191	-0.026608064
3/18/2008	61.18	-0.439	-0.004142115	3192	0.005579499
10/1/2007	109.06	0.072824	-0.004149253	3193	-0.006271663
7/27/2011	101.66	0.030016	-0.004150279	3194	3.74437E-06
9/6/2010	98.69	-0.439467	-0.004160648	3195	0.059789357
1/9/2014	176.07	0.897595	-0.00417686	3196	0.033631239
11/26/2012	92.79	-0.184792	-0.004214542	3197	-0.008095537
7/13/2010	113.82	0.75705	-0.004215138	3198	0.023529689
3/22/2006	64.78	-0.981896	-0.004216082	3199	-0.003950678
6/21/2021	3578.18	72.23836	-0.004217064	3200	0.043487167
7/13/2009	48.86	-0.471588	-0.004217548	3201	-0.045802456
9/5/2012	92.46	-0.98635	-0.004229234	3202	0.015561088
11/22/2022	6773.65	65.50725	-0.004230024	3203	-0.00754452
9/22/2010	101.85	-0.986321	-0.004232966	3204	0.02043267
10/17/2023	7445.35	72.72388	-0.004239601	3205	0.012348258
12/24/2009	100.99	0.990589	-0.004251198	3206	0.012027977
9/27/2004	50.73	-0.935542	-0.004255221	3207	0.021962646
7/19/2017	787.08	-0.89151	-0.004258537	3208	0.01153472
9/22/2023	7254.85	138.6786	-0.004268503	3209	0.020406211
6/14/2006	51.94	-0.99104	-0.004272097	3210	0.016463657
10/29/2021	5797.10	53.90717	-0.004272942	3211	0.026268899
7/29/2010	105.58	-0.108019	-0.004277797	3212	0.03160292
7/20/2007	118.37	0.465151	-0.004281141	3213	0.010780127
6/19/2013	80.79	-0.989248	-0.004302234	3214	0.033360236
7/4/2023	7513.80	75.84411	-0.004306746	3215	-0.017331622
8/3/2011	97.78	3.387905	-0.004314024	3216	0.004041813
3/27/2003	22.28	-0.248643	-0.004316741	3217	-0.016028086
1/9/2003	29.66	-0.685129	-0.004324396	3218	-0.026280406
2/14/2007	94.19	-0.98413	-0.004328943	3219	-0.014419142
11/24/2021	5935.25	88.60788	-0.004338908	3220	-0.00067063
3/31/2006	66.24	-0.912541	-0.00438046	3221	0.013763772
8/3/2016	757.34	6.685127	-0.004383653	3222	-0.019277147
9/20/2012	98.55	0.546582	-0.004408262	3223	-0.030210291
8/1/2008	63.72	-0.159326	-0.004408954	3224	-0.013921796
8/20/2013	75.79	-0.904376	-0.004408956	3225	0.045108168
7/21/2017	792.64	6.937821	-0.004434926	3226	-0.007446124
8/1/2011	99.86	-0.871637	-0.004435221	3227	0.014149344
11/11/2019	777.92	-0.894393	-0.004438906	3228	0.031526257
9/8/2023	7366.20	139.8418	-0.004439707	3229	-0.029761983
11/29/2004	52.30	-0.920481	-0.004444185	3230	-0.01480499

9/27/2019	657.72	-0.866401	-0.004448048	3231	0.045569607
9/14/2021	4923.13	-0.206498	-0.004451767	3232	0.002187415
4/24/2023	6204.31	288.7252	-0.004465806	3233	-0.006124081
5/8/2003	21.41	-0.993878	-0.004490849	3234	-0.025922218
5/25/2021	3497.90	47.6082	-0.004494687	3235	0.020178823
1/13/2006	71.96	-0.045258	-0.004505644	3236	0.06117915
12/12/2005	75.37	-0.213209	-0.004527939	3237	-0.001452352
11/9/2012	95.80	-0.987147	-0.004534256	3238	0.003221596
7/11/2023	7453.15	1.021727	-0.004554422	3239	0.020568203
6/17/2021	3686.53	0.464716	-0.004558197	3240	-0.005814717
1/22/2021	2516.89	2.698685	-0.004558444	3241	-0.005122282
2/17/2017	680.48	-0.117569	-0.004570984	3242	0.01619683
8/12/2016	771.14	11.5738	-0.004575298	3243	0.016992986
8/20/2008	61.33	-0.990122	-0.004580106	3244	0.00162387
10/19/2021	6208.81	71.89679	-0.004581905	3245	-0.032973296
5/6/2013	85.17	0.398206	-0.004589492	3246	0.00233257
8/26/2008	60.92	-0.927419	-0.004610951	3247	0.066739634
5/30/2019	839.27	14.63318	-0.004614019	3248	-0.082560647
12/27/2004	53.69	-0.176479	-0.004638268	3249	-0.022437083
3/14/2006	65.19	-0.933151	-0.004711098	3250	0.008567361
2/8/2016	975.19	9.883529	-0.004720167	3251	0.014226059
7/16/2013	89.60	0.421321	-0.004722855	3252	-0.040815125
8/13/2008	63.04	-0.937373	-0.004752043	3253	0.022318453
12/16/2015	1006.61	9.512527	-0.004755373	3254	0.002074087
8/17/2012	95.75	-0.987002	-0.00476192	3255	-0.053613241
9/12/2023	7366.85	6.419732	-0.004768858	3256	-0.011702522
2/7/2020	992.87	10.84725	-0.004780437	3257	0.043278195
10/7/2013	83.81	-0.889951	-0.004783087	3258	0.028109914
8/18/2016	761.54	10.70053	-0.004784313	3259	0.024382567
8/28/2009	65.09	0.258485	-0.004794777	3260	0.002343946
12/31/2004	51.72	-0.394497	-0.004814049	3261	0.029198146
5/9/2013	85.41	-0.882197	-0.004829457	3262	0.01757375
5/18/2017	725.04	0.160224	-0.004832866	3263	-0.019240719
8/28/2019	624.92	-0.929458	-0.004833225	3264	0.001404429
12/13/2023	8858.75	79.53993	-0.004847324	3265	0.021995885
1/25/2011	109.99	-0.606505	-0.004849746	3266	-0.001689285
12/2/2014	279.53	3.529981	-0.004852911	3267	-0.017426014
8/18/2008	61.71	-0.917912	-0.004854295	3268	0.003299624
10/4/2017	751.70	6.666952	-0.004861326	3269	0.052533927
9/28/2012	98.04	-0.0012	-0.004871616	3270	0.005297799
1/4/2007	98.16	-0.11268	-0.004873727	3271	0.028005299
7/21/2010	110.63	1.171285	-0.004875426	3272	-0.026434836
9/24/2004	50.95	-0.387788	-0.004885966	3273	-0.025961796
10/30/2006	83.22	-0.990497	-0.004896853	3274	-0.052589733
12/28/2023	8757.95	6.783958	-0.004947998	3275	-0.003591948

5/24/2018	1125.13	0.37441	-0.004954688	3276	0.009470343
7/10/2019	818.63	7.705801	-0.004977126	3277	0.049541862
12/17/2009	94.03	-0.973308	-0.004977289	3278	-0.022355695
6/2/2021	3522.87	33.25653	-0.004986901	3279	-0.017971403
8/17/2010	102.84	0.161154	-0.004987106	3280	-0.02085888
6/13/2012	88.57	-0.22822	-0.004997545	3281	-0.01522792
10/7/2010	114.75	0.822708	-0.005005504	3282	-0.024861494
6/23/2005	62.96	-0.953195	-0.005008268	3283	-0.040845553
8/28/2018	1345.12	12.5298	-0.005018339	3284	-0.013075749
10/10/2012	99.42	-0.050206	-0.005021755	3285	0.008872063
1/28/2010	104.67	-0.874931	-0.005029739	3286	0.000455736
6/25/2020	836.93	31.91945	-0.005039777	3287	0.00345555
7/29/2003	25.42	-0.581861	-0.005041041	3288	-0.038366361
7/6/2006	60.80	-0.049571	-0.005049217	3289	0.057497867
2/24/2006	63.97	-0.98912	-0.005065458	3290	-0.003471604
3/28/2023	5880.05	-0.023401	-0.005078562	3291	-0.04988133
4/6/2023	6020.95	6.705458	-0.00509085	3292	-0.012350342
11/8/2019	781.39	0.432994	-0.005091094	3293	0.028990098
7/9/2015	545.28	-0.410629	-0.005098832	3294	0.039985032
4/3/2019	925.20	0.172547	-0.005101756	3295	-0.023938844
10/31/2019	789.05	-0.037858	-0.005102335	3296	-0.016314934
6/17/2016	820.09	-0.359333	-0.005105596	3297	0.03101904
7/4/2018	1280.06	-0.801049	-0.005122448	3298	-0.002030547
2/23/2023	6434.06	21.84324	-0.005132002	3299	0.00482326
9/5/2014	281.66	2.336866	-0.005135964	3300	-0.022451631
5/21/2013	84.41	-0.926881	-0.005142501	3301	-0.047157064
6/11/2018	1154.41	8.692401	-0.005152372	3302	-0.000731248
12/23/2010	119.10	-0.980638	-0.005166014	3303	-0.002667487
1/10/2023	6151.57	6.239562	-0.005166909	3304	-0.030950113
5/5/2016	849.72	6.15457	-0.005170888	3305	0.023921763
7/17/2007	118.77	1.529264	-0.005176501	3306	0.043930106
5/15/2009	46.96	-0.357096	-0.005181232	3307	0.011278615
12/22/2011	73.04	0.352277	-0.005193153	3308	0.010696172
6/23/2009	54.01	-0.930986	-0.005197525	3309	-0.018907484
7/25/2017	782.61	-0.156743	-0.005206151	3310	-0.021179608
1/24/2020	928.08	14.35538	-0.005215254	3311	-0.046274886
5/13/2005	60.44	-0.524375	-0.00521566	3312	0.017906312
4/27/2010	127.07	-0.827498	-0.005216116	3313	0.012767288
8/31/2016	736.66	-0.15838	-0.005227153	3314	0.008110659
4/26/2019	875.28	-0.676341	-0.005230208	3315	-0.01499596
3/17/2021	2704.34	10.15446	-0.005231857	3316	-0.013182119
6/19/2014	242.44	-0.968104	-0.005233507	3317	0.013326556
2/5/2024	7601.00	354.214	-0.005234917	3318	-0.004339342
5/2/2003	21.40	-0.786997	-0.005239487	3319	-0.017572122
5/20/2010	100.46	-0.146175	-0.005239734	3320	0.009409451

6/20/2007	117.66	-0.571269	-0.005268865	3321	-0.082081879
11/25/2014	274.44	-0.799308	-0.005270684	3322	-0.015614284
10/9/2020	1367.45	55.35624	-0.005280065	3323	0.004243964
2/20/2003	24.26	-0.862766	-0.005280452	3324	-0.028682679
1/8/2014	176.81	1.16	-0.005287575	3325	0.017894935
5/30/2013	81.86	-0.130273	-0.00530229	3326	0.014505502
8/1/2012	94.12	2.899533	-0.005303205	3327	0.036030419
2/21/2003	24.14	-0.997225	-0.00530873	3328	0.015588154
9/8/2022	8698.21	12.80827	-0.00531028	3329	-0.049364585
7/25/2019	629.93	18.93102	-0.005324894	3330	-0.03177925
2/26/2009	31.61	-0.995472	-0.005328612	3331	0.012717686
12/2/2022	6979.24	123.6581	-0.005331144	3332	-0.007321565
3/1/2005	55.99	-0.439164	-0.005333449	3333	0.032616876
6/13/2011	99.83	2.699319	-0.005340898	3334	0.010227184
1/22/2003	26.99	-0.56495	-0.005341137	3335	-0.01748013
11/13/2009	62.03	-0.104668	-0.005342586	3336	0.036733411
9/17/2009	69.28	0.932103	-0.005345569	3337	-0.025598178
12/19/2003	35.86	-0.994522	-0.005359583	3338	0.000744342
2/1/2023	6545.83	116.5473	-0.005359877	3339	-0.074799054
3/2/2005	55.69	-0.937118	-0.005361922	3340	-0.041084363
7/27/2020	885.57	7.765544	-0.005398282	3341	0.01034616
2/23/2010	101.03	0.457398	-0.005402519	3342	-0.012267239
7/26/2005	69.32	-0.93087	-0.005410535	3343	-0.033527805
1/6/2016	1002.77	0.410267	-0.005412719	3344	0.00660311
4/18/2017	711.05	-0.006516	-0.005414184	3345	0.021874856
9/8/2016	715.72	-0.156598	-0.005443711	3346	-0.052282285
5/23/2016	848.61	0.41126	-0.00544732	3347	0.014545322
4/13/2015	601.31	-0.300919	-0.005448698	3348	0.021705805
5/11/2016	860.15	-0.05452	-0.005454445	3349	-0.038794952
11/28/2017	909.74	-0.890847	-0.005455523	3350	-0.033963662
11/24/2023	8334.55	83.33569	-0.005465142	3351	-0.008581969
1/9/2008	98.83	-0.727052	-0.005487466	3352	-0.00857649
1/22/2015	362.07	5.023785	-0.005491728	3353	-0.017623545
5/16/2005	60.11	-0.931189	-0.005518751	3354	0.036038883
12/8/2017	873.49	2.287372	-0.005520831	3355	-0.011649666
12/23/2014	265.71	0.470976	-0.00552709	3356	0.007823192
2/6/2014	180.64	0.658625	-0.005543848	3357	0.006527301
7/1/2010	108.91	0.154459	-0.005547729	3358	0.018126594
1/15/2008	94.34	-0.977115	-0.005556569	3359	0.036627054
7/27/2021	4122.27	-0.453736	-0.005560671	3360	0.008267593
7/3/2023	7546.30	6.82577	-0.005561072	3361	-0.02885194
12/18/2018	964.29	0.078094	-0.00557765	3362	0.010063907
3/23/2016	894.44	8.006141	-0.005578798	3363	0.026869726
11/12/2013	99.31	-0.983983	-0.005601714	3364	0.001415273
3/10/2023	6200.69	70.10257	-0.005608958	3365	0.005831708

10/17/2013	87.21	-0.985485	-0.00561391	3366	0.032012546
3/22/2023	6008.30	175.1853	-0.005632462	3367	0.008974346
9/2/2002	34.10	-0.994987	-0.005633736	3368	0.00253807
11/21/2022	6802.42	12.08398	-0.005634851	3369	-0.010666523
5/15/2015	519.90	7.448145	-0.005648974	3370	0.018676954
6/28/2005	61.54	-0.9913	-0.005658779	3371	0.011604109
8/14/2023	7073.45	101.3422	-0.005665058	3372	0.003644253
12/1/2005	69.12	-0.924354	-0.005672169	3373	-0.08861203
1/18/2019	913.67	-0.85035	-0.005679503	3374	0.018750387
11/8/2021	6105.35	-0.259795	-0.005715342	3375	0.015842695
10/13/2022	8248.19	31.15254	-0.005717322	3376	0.025269875
12/17/2014	256.53	-0.96283	-0.005723721	3377	-0.058438553
11/1/2022	6901.69	112.4708	-0.005724865	3378	0.003702398
5/27/2005	60.82	0.165504	-0.005724987	3379	-0.031811046
9/24/2008	52.19	-0.49771	-0.005734889	3380	0.045377579
10/25/2007	103.90	-0.874729	-0.005740319	3381	-0.006935655
9/20/2017	829.38	11.63617	-0.005756531	3382	-0.033734704
5/12/2008	65.64	-0.905868	-0.005782036	3383	0.024825789
3/1/2017	697.27	22.97401	-0.005785351	3384	-0.005937896
3/24/2009	29.08	-0.742845	-0.00578749	3385	-0.028596624
5/15/2007	113.10	3.552452	-0.005791396	3386	-0.006901558
7/24/2003	24.84	-0.889982	-0.005798971	3387	0.003195975
2/24/2014	225.82	6.464076	-0.005812877	3388	0.02819496
12/30/2002	30.25	-0.687603	-0.005820297	3389	-0.014419562
10/30/2012	96.84	0.588343	-0.005823169	3390	-0.011798095
8/21/2008	60.97	0.708084	-0.005828143	3391	0.029348122
1/20/2004	35.70	0.237735	-0.00582953	3392	-0.001831665
3/6/2009	28.84	-0.761842	-0.005836455	3393	0.050742491
6/8/2007	121.10	0.867209	-0.00584719	3394	0.012238117
4/16/2008	64.85	0.0261	-0.005851067	3395	-0.014733173
9/2/2009	63.20	-0.982933	-0.005856883	3396	0.00931171
6/16/2021	3703.41	9.732939	-0.005858813	3397	-0.020356626
2/2/2015	345.05	1.945997	-0.005891348	3398	0.01625653
7/6/2007	117.13	-0.832349	-0.005894051	3399	0.000761576
4/21/2020	698.62	7.17569	-0.005895276	3400	-0.072153158
4/23/2012	85.45	-0.98679	-0.005914301	3401	-0.005114859
11/12/2021	6468.83	99.8249	-0.005923937	3402	-0.015216103
6/7/2005	64.16	-0.482809	-0.00594297	3403	0.022113801
1/6/2011	124.05	1.344972	-0.005947248	3404	-0.000948011
10/7/2004	52.90	-0.493576	-0.005954019	3405	0.005009583
11/6/2013	104.46	0.750633	-0.005962584	3406	-0.005774804
7/11/2006	59.67	-0.926777	-0.005996517	3407	0.001576933
11/20/2015	814.91	8.031122	-0.006007924	3408	0.012171135
2/19/2013	90.23	0.326274	-0.006008253	3409	0.003292235
7/12/2005	68.04	-0.301565	-0.00601026	3410	0.00962588

10/29/2012	97.41	2.327834	-0.006010747	3411	-0.043100919
1/15/2003	29.27	-0.995998	-0.006014176	3412	0.018105671
10/11/2023	7315.10	7.820688	-0.006019486	3413	-0.017259101
1/31/2019	829.31	7.928644	-0.006027502	3414	-0.017643203
11/1/2007	92.88	0.065046	-0.006029913	3415	0.021063947
3/6/2012	87.21	-0.680042	-0.006035744	3416	0.021316308
7/3/2014	272.57	8.383814	-0.006038812	3417	-0.040675374
2/26/2004	29.05	-0.689097	-0.006060634	3418	-0.005999482
12/29/2006	93.43	-0.896423	-0.006061667	3419	0.013119207
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7/15/2011	103.69	-0.090868	-0.00609121	3423	-0.016785571
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12/14/2011	79.16	-0.922706	-0.006117042	3425	-0.047337357
1/25/2018	1024.14	-0.610197	-0.006122153	3426	0.022849789
2/25/2021	2627.34	85.1552	-0.006122529	3427	0.005834926
3/3/2009	30.50	-0.964744	-0.006131167	3428	-0.016500526
9/29/2015	864.98	26.64882	-0.006137458	3429	0.055378286
12/11/2002	31.28	-0.995007	-0.006137781	3430	0.036916613
12/20/2022	6265.13	81.58598	-0.006146387	3431	-0.04805324
9/25/2013	75.86	0.14741	-0.006156444	3432	0.050604858
3/8/2006	66.12	-0.375856	-0.006184051	3433	-0.011589226
8/3/2010	105.93	-0.00951	-0.006189612	3434	0.046893182
6/15/2010	106.95	0.450256	-0.006191842	3435	-0.036827545
12/7/2005	73.74	-0.893995	-0.006237342	3436	0.025510238
2/10/2017	695.66	7.278528	-0.006262141	3437	-0.003565609
3/19/2012	84.03	-0.919232	-0.006262361	3438	0.024769169
8/21/2020	1040.41	18.43886	-0.006277105	3439	0.039025261
7/2/2009	53.52	-0.547028	-0.006287277	3440	0.047740069
6/25/2007	118.16	-0.886096	-0.006289291	3441	0.016490116
12/30/2015	1037.34	-0.703671	-0.006291009	3442	0.027653029
6/3/2021	3500.65	35.38484	-0.006306727	3443	-0.031211731
8/16/2012	96.21	-0.040779	-0.00630909	3444	-0.00362858
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1/8/2019	922.54	10.3947	-0.006336494	3446	-0.011171108
11/1/2006	80.96	0.449993	-0.006337262	3447	-0.038095739
6/15/2009	55.84	-0.46285	-0.006360812	3448	0.036401774
6/4/2010	103.95	-0.15	-0.006369172	3449	0.026651597
3/22/2010	122.29	-0.853426	-0.006369298	3450	-0.043111965
1/30/2019	834.34	-0.062938	-0.006384581	3451	0.003092837
7/24/2020	890.38	11.94023	-0.00640356	3452	-0.004241008
9/27/2005	68.81	0.280079	-0.006435971	3453	0.020965873
1/10/2005	53.75	-0.946364	-0.006473185	3454	-0.017891913
4/18/2018	1002.16	35.96059	-0.006487483	3455	0.005065245

4/12/2004	27.11	-0.53721	-0.006489742	3456	0.005569348
3/15/2005	58.59	-0.928716	-0.006504662	3457	-0.006455803
12/16/2019	821.90	6.268529	-0.006521845	3458	-0.04208294
7/14/2010	113.08	-0.878435	-0.006525566	3459	0.070243541
3/22/2019	930.18	14.96271	-0.006536644	3460	-0.009017986
2/17/2005	58.27	-0.104241	-0.006539801	3461	0.013515781
3/21/2006	65.05	-0.386486	-0.00654448	3462	-0.035240757
7/28/2010	106.03	0.071235	-0.006567454	3463	-0.013061106
9/18/2012	98.98	0.286164	-0.006568792	3464	0.005388268
6/4/2008	76.96	1.255139	-0.006569861	3465	-0.034126718
12/23/2008	34.13	-0.323115	-0.006571779	3466	-0.022912924
9/13/2004	50.42	-0.926204	-0.006572308	3467	-0.045826776
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9/11/2003	29.11	0	-0.006593159	3469	-0.005369775
1/13/2003	29.11	-0.548821	-0.006593159	3470	-0.003812555
3/24/2006	64.52	-0.92812	-0.006597915	3471	-0.01071542
4/25/2016	897.63	4.441108	-0.006602516	3472	0.025234895
12/26/2013	164.97	1.238796	-0.006602686	3473	0.003751569
7/4/2008	73.69	-0.918342	-0.006615948	3474	0.030762166
3/11/2016	902.39	-0.914316	-0.006618487	3475	-0.03999578
8/18/2022	10531.59	0.431662	-0.006621451	3476	-0.01528841
9/6/2023	7356.20	-0.164211	-0.006630334	3477	0.000125369
12/27/2023	8801.50	0.261519	-0.006636322	3478	-0.052095679
5/15/2023	6976.91	0.171797	-0.006639712	3479	-0.007909392
3/24/2023	5954.02	6.523791	-0.006646367	3480	0.003611968
1/8/2020	791.36	0.098779	-0.00665185	3481	-0.048231201
5/5/2017	720.22	1.563234	-0.006657396	3482	-0.023092559
10/14/2014	280.98	-0.548196	-0.00666678	3483	-0.011236419
10/24/2016	621.91	4.796431	-0.006666801	3484	-0.00454971
4/29/2011	107.29	0.454239	-0.006680516	3485	0.000202688
8/18/2005	73.78	0.419694	-0.006692882	3486	-0.021539183
12/30/2004	51.97	-0.957407	-0.006694283	3487	0.062922882
6/18/2018	1220.09	22.56095	-0.006707325	3488	0.014523347
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1/27/2015	351.64	-0.787454	-0.006738563	3490	-0.013540363
12/8/2020	1654.42	21.17279	-0.006772251	3491	-0.01437882
2/22/2008	74.61	-0.890181	-0.006774617	3492	0.050849978
3/7/2017	679.43	-0.352204	-0.006783457	3493	0.010239525
12/24/2015	1048.84	0.226329	-0.006788158	3494	-0.019048211
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9/3/2003	28.14	-0.891895	-0.00681796	3496	-0.022679101
3/24/2014	260.35	2.601586	-0.00682955	3497	-0.035709381
1/12/2006	72.29	-0.890087	-0.006829812	3498	0.003361068
10/4/2019	657.68	5.871951	-0.006838254	3499	0.016127133
6/22/2011	95.70	-0.109534	-0.006846375	3500	0.029410952

4/5/2011	107.48	0.030034	-0.006858273	3501	-0.026698426
8/5/2010	104.34	-0.975463	-0.006867904	3502	0.011141297
7/13/2021	4252.48	48.95346	-0.006870418	3503	-0.008132751
4/5/2013	85.13	-0.892303	-0.006872036	3504	0.024003179
7/18/2017	790.45	11.78776	-0.006920207	3505	0.000792843
11/10/2009	61.81	-0.408092	-0.006927	3506	-0.034969597
4/10/2007	104.43	-0.867356	-0.006942277	3507	0.062537608
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8/10/2021	4184.32	4.10524	-0.006958086	3509	0.000471819
8/1/2017	819.61	7.47959	-0.006958925	3510	0.027881915
7/9/2012	96.66	-0.985751	-0.006964087	3511	-0.039836386
12/7/2022	6783.52	210.1133	-0.006964717	3512	-0.057837547
2/4/2009	32.13	-0.560082	-0.006976661	3513	-0.040161654
12/15/2005	73.04	-0.214283	-0.006991452	3514	-0.011351391
9/3/2012	92.96	-0.830499	-0.006991461	3515	0.037087375
7/2/2015	548.44	5.325756	-0.006993195	3516	0.028892559
3/12/2013	86.70	-0.903387	-0.0069967	3517	-0.030822526
7/22/2020	897.39	31.74668	-0.007001027	3518	-0.030245375
4/7/2004	27.40	-0.195652	-0.007001373	3519	-0.005141356
12/4/2003	34.07	-0.976657	-0.007039048	3520	0.011456656
11/12/2020	1459.51	11.25187	-0.00704049	3521	0.000521645
1/13/2011	119.13	0.108595	-0.007046005	3522	-0.015951524
4/25/2011	107.46	-0.822271	-0.007048905	3523	0.002876911
4/10/2015	604.61	19.54187	-0.007052078	3524	-0.044055237
9/8/2003	29.43	-0.429236	-0.007061434	3525	-0.029103844
10/21/2004	51.57	-0.990639	-0.007064577	3526	-0.006835474
9/22/2021	5508.69	-0.097337	-0.007081867	3527	-0.005956713
3/2/2023	6102.71	207.8287	-0.007111058	3528	-0.002607393
9/29/2003	29.22	-0.996596	-0.007111516	3529	-0.009190012
1/8/2024	8584.15	132.5396	-0.007136282	3530	0.002525687
2/21/2006	64.28	0.797558	-0.007148898	3531	-0.001401007
12/17/2003	35.76	-0.995829	-0.007152444	3532	0.042092013
4/8/2022	8573.97	5.406913	-0.007156032	3533	-0.007639723
7/17/2018	1338.24	6.867527	-0.007180408	3534	0.01245244
1/16/2014	170.10	1.564722	-0.007183939	3535	0.02869442
6/1/2006	66.32	-0.724719	-0.00718506	3536	0.00679547
5/23/2014	240.92	1.239335	-0.00719299	3537	0.019350647
10/11/2007	107.59	-0.985631	-0.007212285	3538	0.022352426
7/10/2023	7487.25	187.1127	-0.007213263	3539	-0.009346702
12/26/2003	39.80	0.502736	-0.007228867	3540	0.000580025
11/14/2002	26.49	-0.967144	-0.007241918	3541	0.025432317
10/16/2017	806.12	6.946199	-0.007247164	3542	-0.003006461
9/12/2012	101.45	-0.878761	-0.007258888	3543	0.038484869
2/14/2019	836.76	6.163754	-0.007261098	3544	0.035379525
6/21/2007	116.80	0.261238	-0.007263722	3545	-0.052196882

6/26/2012	92.61	0.21327	-0.007266032	3546	-0.028720596
9/24/2013	76.33	-0.988839	-0.007275826	3547	0.042891597
11/3/2022	6839.04	61.6053	-0.007280566	3548	0.019632008
6/22/2010	109.24	-0.982715	-0.007301804	3549	0.002200955
1/4/2023	6320.00	55.85003	-0.007340318	3550	-0.023444402
7/20/2010	111.17	0.109915	-0.00734915	3551	-0.067831149
12/28/2012	100.16	-0.026424	-0.007351489	3552	-0.011566993
5/16/2011	102.88	-0.842696	-0.007360128	3553	0.031106054
1/3/2017	654.02	26.38995	-0.007361561	3554	-0.052954396
6/19/2003	23.88	-0.917855	-0.007363357	3555	-0.044695814
10/1/2014	290.68	-0.960947	-0.007370745	3556	0.02111391
2/13/2024	7443.30	0.259427	-0.007374749	3557	0.011520541
3/27/2023	5910.07	7.539104	-0.007382498	3558	-0.01365343
3/2/2017	692.12	7.117665	-0.007390781	3559	-0.002473086
9/5/2011	85.26	-0.988251	-0.007398438	3560	-0.005192523
7/24/2023	7256.70	87.15626	-0.007406786	3561	0.005932897
3/29/2012	82.32	-0.235216	-0.007407347	3562	-0.069959545
5/17/2010	107.63	0.266809	-0.007410018	3563	-0.008263653
5/9/2012	84.96	-0.163343	-0.007423708	3564	0.02359174
11/21/2013	101.55	0.481431	-0.007436713	3565	0.038048516
10/10/2005	68.55	0.035474	-0.007446111	3566	-0.027243414
10/24/2005	66.20	-0.205396	-0.007453385	3567	0.0011114
7/30/2013	83.31	-0.894098	-0.007464742	3568	-0.023576762
7/24/2017	786.70	35.84787	-0.007483739	3569	0.014365654
3/11/2003	21.35	-0.975392	-0.007484749	3570	-0.00564512
7/4/2019	867.60	11.42044	-0.007489803	3571	-0.008955576
3/5/2008	69.85	-0.985518	-0.007489826	3572	0.030865966
9/3/2021	4823.43	67.93992	-0.007495543	3573	0.051248871
10/15/2009	69.97	0.064854	-0.007506254	3574	-0.077146973
10/25/2005	65.70	-0.905239	-0.007509007	3575	-0.014655005
4/22/2020	693.37	-0.059588	-0.007516168	3576	0.004958613
5/6/2020	737.31	23.92781	-0.007522176	3577	-0.018987305
10/4/2002	29.58	-0.957304	-0.00756363	3578	0.002432228
2/22/2017	692.75	-0.388846	-0.007583129	3579	-0.058991151
6/4/2018	1133.51	24.59567	-0.007584221	3580	0.039300543
5/11/2009	44.29	-0.926746	-0.007588577	3581	-0.025905831
9/3/2019	604.54	3.843249	-0.007591769	3582	0.037549082
4/30/2010	124.82	-0.814927	-0.007635133	3583	0.032365312
12/16/2016	674.44	22.05488	-0.007651186	3584	-0.00756086
3/20/2009	29.25	-0.666179	-0.007657855	3585	-0.067292658
5/29/2012	87.63	-0.93101	-0.007675697	3586	0.009838465
7/5/2018	1270.22	0.88402	-0.00768671	3587	-0.016069399
3/8/2017	674.21	-0.741398	-0.007687776	3588	0.044319692
2/26/2021	2607.13	95.5549	-0.007691061	3589	0.017519101
11/11/2002	27.00	-0.708924	-0.007692402	3590	-0.005693703

11/20/2012	92.76	-0.08283	-0.007701396	3591	-0.048299691
12/20/2012	101.14	0.058931	-0.007705532	3592	-0.02787253
11/15/2012	95.51	-0.894954	-0.0077064	3593	0.034974956
4/11/2019	909.25	9.436222	-0.007714628	3594	-0.047097747
3/12/2012	87.12	-0.154196	-0.00772022	3595	0.028979694
2/8/2010	103.01	0.465299	-0.007740458	3596	0.028891606
1/17/2006	70.30	0.076524	-0.007742364	3597	-0.012590181
11/19/2009	65.30	-0.990525	-0.007742674	3598	0.053699358
11/16/2022	6892.32	6.331533	-0.007756396	3599	-0.055556376
12/24/2018	940.09	8.634888	-0.007761602	3600	0.069722734
12/11/2007	97.57	0.029542	-0.007763614	3601	0.012617042
11/16/2012	94.77	-0.663362	-0.007765935	3602	0.021548098
10/10/2014	281.53	-0.653408	-0.007767581	3603	-0.035287895
7/11/2019	812.27	-0.099383	-0.007767976	3604	0.027817512
3/27/2019	901.90	-0.011903	-0.007776972	3605	0.012601127
1/11/2019	912.76	-0.747441	-0.007787428	3606	-0.036304383
6/23/2021	3614.07	159.4437	-0.007791968	3607	0.01185884
5/20/2003	22.53	-0.815586	-0.007801368	3608	0.030117427
7/3/2007	122.15	-0.462767	-0.007810676	3609	0.031742448
5/14/2014	227.36	-0.945038	-0.007812501	3610	-0.046082088
7/20/2021	4136.69	-0.443547	-0.007813763	3611	-0.003743047
6/22/2022	7434.02	89.81462	-0.007852723	3612	0.044170544
10/1/2013	81.86	-0.363185	-0.007865527	3613	-0.021707154
4/8/2010	128.54	0.060733	-0.007865533	3614	0.035685209
7/4/2007	121.18	0.197127	-0.007871532	3615	-0.004072469
3/28/2011	101.23	2.331813	-0.007880347	3616	0.00797272
6/3/2004	30.38	-0.529357	-0.007886481	3617	0.030700665
2/1/2006	64.56	-0.901067	-0.007903142	3618	0.031120317
9/30/2019	652.52	-0.18011	-0.007910431	3619	0.033348667
5/14/2019	795.86	25.33413	-0.007924846	3620	-0.017435349
1/3/2003	30.22	-0.995449	-0.007928099	3621	0.030662255
12/12/2022	6640.19	84.65167	-0.007930939	3622	0.000821198
8/31/2006	77.53	-0.937935	-0.007974623	3623	0.048001449
9/18/2020	1249.10	-0.527487	-0.007985069	3624	0.027433624
2/24/2021	2643.52	40.79917	-0.007987858	3625	0.010431134
10/28/2009	63.24	0.694425	-0.00799225	3626	-0.037057387
11/5/2008	37.32	0.557883	-0.007999982	3627	-0.004343576
2/11/2003	23.96	-0.764908	-0.00800003	3628	0.004172413
12/10/2009	101.91	-0.875536	-0.008012156	3629	-0.001268832
2/25/2016	818.80	-0.240049	-0.008012383	3630	0.007274449
5/15/2018	1077.44	14.43957	-0.008018685	3631	0.019738199
4/25/2006	69.78	-0.888538	-0.008040868	3632	-0.009830679
10/21/2016	626.08	4.500541	-0.00805436	3633	-0.029302905
9/14/2007	113.82	0.446584	-0.008078752	3634	0.015850943
10/5/2006	78.68	1.654429	-0.008080588	3635	-0.010789277

2/5/2004	29.64	-0.980542	-0.008082009	3636	0.018665858
11/6/2020	1523.37	0.905205	-0.008111377	3637	0.020561252
10/17/2017	799.58	9.926479	-0.008117708	3638	-0.0077117
8/19/2005	73.18	-0.990456	-0.008131845	3639	0.006275372
6/22/2023	7667.25	6.72639	-0.008136958	3640	-0.037419608
8/11/2020	992.35	8.445107	-0.008137636	3641	0.006544558
8/4/2010	105.06	-0.984667	-0.008174496	3642	0.006597645
2/17/2022	6852.36	-0.113124	-0.008180292	3643	-0.02438714
2/8/2024	7726.40	53.78662	-0.008183411	3644	-0.032764514
12/13/2013	141.03	5.575712	-0.008183939	3645	-0.04806238
5/30/2003	21.45	-0.666453	-0.008190748	3646	0.014393445
2/23/2006	64.30	-0.462938	-0.008196595	3647	-0.020218818
12/22/2010	119.72	-0.759891	-0.008198098	3648	-0.027946237
11/16/2016	498.62	8.524518	-0.008209759	3649	0.01298119
11/17/2004	52.35	-0.499069	-0.008214644	3650	0.01493419
7/6/2011	104.51	-0.97497	-0.008217537	3651	0.002052978
8/6/2021	4175.29	40.02837	-0.008230507	3652	-0.004002569
5/12/2011	101.77	-0.087784	-0.008237967	3653	0.014606833
1/21/2011	111.56	0.754715	-0.008247839	3654	-0.002106769
9/1/2009	63.58	-0.37738	-0.008254293	3655	-0.023991519
11/8/2013	102.11	-0.896177	-0.008259016	3656	0.011678095
3/1/2018	983.52	32.53388	-0.008259962	3657	-0.020251966
3/18/2009	29.33	-0.725117	-0.008269807	3658	-0.057596076
10/12/2007	106.70	-0.865924	-0.008278474	3659	-0.04047807
12/31/2019	795.79	12.05217	-0.008284747	3660	-0.023887749
11/6/2009	60.97	0.178079	-0.008288386	3661	-0.005889936
9/25/2008	51.75	-0.946808	-0.008291073	3662	0.007807209
4/10/2018	972.97	-0.222833	-0.008301423	3663	0.015936142
10/1/2020	1251.95	12.00944	-0.008313832	3664	0.030245673
11/8/2012	96.23	-0.899121	-0.008318044	3665	0.026812595
2/15/2018	953.95	2.594473	-0.00831983	3666	0.016493845
8/12/2014	265.39	-0.593324	-0.008319851	3667	-0.011412116
1/11/2017	652.59	6.869144	-0.00832722	3668	-0.056203759
3/28/2012	82.93	-0.988952	-0.008358874	3669	-0.001950809
2/10/2022	7506.22	4.540688	-0.008359705	3670	-0.004616318
10/7/2020	1354.75	15.91084	-0.008364775	3671	0.014695092
6/20/2013	80.11	-0.914081	-0.008371357	3672	0.037633349
10/19/2018	932.41	-0.838274	-0.00837586	3673	-0.010181352
10/5/2021	5765.36	54.06896	-0.008396187	3674	-0.033167801
3/31/2011	104.69	2.14231	-0.008396887	3675	-0.012302034
1/20/2009	33.32	0.257143	-0.00839857	3676	0.034072597
8/11/2003	26.50	-0.720162	-0.008433717	3677	0.014186531
8/6/2012	94.71	1.68203	-0.008451282	3678	-0.001784157
11/19/2008	35.31	-0.947815	-0.008451953	3679	0.055564888
10/22/2019	676.66	6.804468	-0.008470936	3680	0.002825013

9/23/2011	86.70	1.878031	-0.008478718	3681	0.005775961
6/4/2004	30.13	0.00107	-0.008478847	3682	-0.03917578
10/16/2002	30.09	-0.955064	-0.008487811	3683	0.000950735
3/15/2017	669.69	20.82556	-0.008493044	3684	-0.027481011
3/2/2009	30.68	-0.560416	-0.00851057	3685	0.005581054
12/28/2005	69.80	-0.990686	-0.008522016	3686	0.011634376
7/20/2023	7494.30	66.11804	-0.00854623	3687	0.015562171
10/5/2007	111.66	0.516016	-0.008553969	3688	0.013156633
1/2/2012	73.65	-0.892332	-0.008554307	3689	0.032169164
3/6/2017	684.07	1.463281	-0.00858398	3690	0.028735684
8/28/2014	277.71	-0.941718	-0.008597588	3691	0.053310704
8/30/2021	4764.94	77.58597	-0.008606056	3692	-0.00522158
9/11/2008	60.63	-0.781146	-0.00861268	3693	-0.019682802
9/15/2014	277.05	3.533581	-0.008617859	3694	-0.052121364
7/5/2006	61.11	-0.954637	-0.008620249	3695	-0.021433201
8/20/2018	1347.16	12.43533	-0.008623676	3696	0.014067265
1/11/2013	100.27	2.31667	-0.008628162	3697	0.053607529
3/4/2009	30.23	0.364562	-0.008636704	3698	-0.002590097
4/22/2003	22.16	-0.997376	-0.008645388	3699	0.020736727
10/11/2022	8443.71	0.053023	-0.008655506	3700	0.011194562
7/4/2022	8018.54	91.14708	-0.008666488	3701	0.002878623
5/22/2012	87.02	-0.159218	-0.008687342	3702	0.019501315
2/1/2011	103.50	-0.966768	-0.008688778	3703	-0.014406826
4/27/2021	3114.41	-0.144089	-0.008695393	3704	0.000559889
6/9/2021	3638.72	3.429452	-0.008698527	3705	0.004474999
6/6/2016	821.48	8.467925	-0.00870596	3706	-0.007617017
3/14/2012	86.76	-0.905128	-0.008712492	3707	0.013535182
1/31/2020	914.54	0.329834	-0.008720229	3708	-0.024950679
3/30/2017	687.71	-0.225997	-0.008738882	3709	0.009639021
12/28/2017	888.51	0.099185	-0.008771027	3710	0.025931753
11/3/2017	808.34	-0.870369	-0.008774916	3711	-0.01370656
3/9/2023	6235.67	65.60923	-0.008777428	3712	-0.019996506
8/31/2012	93.62	1.946232	-0.008777892	3713	-0.004225208
2/25/2009	31.77	-0.631371	-0.008802573	3714	0.012250658
11/14/2006	86.20	-0.986104	-0.008803988	3715	0.012991444
4/20/2023	6203.02	7.154631	-0.008807436	3716	0.00041369
8/2/2016	760.67	-0.893752	-0.008811654	3717	0.036953532
7/31/2023	7159.40	6.674897	-0.008812054	3718	0.029543356
4/16/2019	932.83	9.897627	-0.008822033	3719	-0.022333694
5/8/2012	85.60	-0.952452	-0.008829934	3720	0.009489918
12/31/2020	1800.28	17.86131	-0.008830004	3721	0.008373763
8/24/2012	95.45	-0.884321	-0.008835597	3722	0.034503191
11/17/2015	825.11	15.40929	-0.008861029	3723	-0.020764666
9/28/2004	50.28	-0.945396	-0.008875901	3724	0.011458218
1/16/2019	920.88	-0.888774	-0.008884765	3725	0.003014351

6/14/2022	8279.34	117.5336	-0.00889256	3726	0.043093992
10/23/2009	69.85	0.032744	-0.008899099	3727	0.01949981
9/24/2009	67.63	-0.924516	-0.00890258	3728	0.011328141
12/21/2017	896.00	-0.863851	-0.008904857	3729	0.014632834
12/13/2022	6581.01	95.02708	-0.008913225	3730	-0.008501786
11/17/2005	68.53	1.258041	-0.008924014	3731	0.036944925
10/14/2002	30.35	-0.090073	-0.008938129	3732	0.004940803
1/16/2009	33.35	-0.962761	-0.008943405	3733	-0.013352982
3/15/2016	895.71	2.152882	-0.008954872	3734	0.00871728
7/24/2014	284.09	-0.966609	-0.008956092	3735	0.011424168
6/7/2022	8507.98	2.384247	-0.008957995	3736	0.015872505
3/3/2021	2513.99	2.565057	-0.008971144	3737	0.004412654
4/28/2017	705.18	6.941488	-0.008979102	3738	0.038994001
7/17/2013	88.80	0.610974	-0.008991057	3739	0.01131229
2/24/2005	55.12	0.902545	-0.008995453	3740	-0.013516472
3/26/2009	28.97	-0.996621	-0.00900914	3741	-0.004691033
8/2/2022	8574.53	0.462558	-0.00904177	3742	0.001595594
1/11/2022	5862.69	-0.112848	-0.009043956	3743	0.005283932
5/5/2023	6608.44	10.5095	-0.009083075	3744	0.022602482
11/7/2016	574.17	5.116322	-0.009095081	3745	0.038810957
12/21/2009	93.88	2.574724	-0.009102005	3746	0.010548263
8/12/2003	26.26	-0.977089	-0.009112828	3747	-0.00047472
4/26/2018	1146.22	14.70228	-0.0091164	3748	-0.030372881
5/27/2008	73.00	0.089233	-0.009129023	3749	-0.019323012
4/25/2008	67.02	-0.231355	-0.009137453	3750	0.004278601
10/19/2011	87.19	-0.099504	-0.009147558	3751	-0.059521149
8/14/2012	96.82	-0.871684	-0.009153969	3752	0.010306638
8/19/2016	754.57	1.997229	-0.009155624	3753	0.014638954
4/29/2014	251.75	-0.629883	-0.009159902	3754	-0.011837117
1/30/2017	680.20	23.46189	-0.009171209	3755	-0.001351814
11/5/2002	27.81	-0.959488	-0.009179301	3756	0.012324438
2/23/2017	686.38	-0.190251	-0.009189269	3757	-0.020528434
11/10/2017	847.65	15.10334	-0.009189984	3758	0.03673784
9/22/2008	52.64	-0.55169	-0.009206616	3759	-0.002928652
10/15/2010	117.41	-0.84113	-0.00922022	3760	0.018395865
6/30/2017	739.06	-0.337628	-0.009221992	3761	-0.021370717
9/27/2018	1115.78	9.833961	-0.009226225	3762	0.015085622
6/7/2010	102.99	-0.068212	-0.009238443	3763	2.43469E-05
1/24/2011	110.53	0.013299	-0.009240374	3764	0.012542669
8/6/2007	109.08	-0.88638	-0.009245604	3765	0.034324529
2/20/2020	960.02	0.035337	-0.009247254	3766	0.030439576
12/1/2015	927.25	32.69766	-0.009265196	3767	0.012139843
10/30/2003	27.52	-0.731591	-0.009275445	3768	-0.065662832
1/6/2010	102.52	2.730029	-0.009280437	3769	-0.004355095
3/11/2004	27.48	-0.727605	-0.009286141	3770	0.008859416

9/23/2010	100.90	0.386292	-0.00931191	3771	-0.016146604
1/10/2006	72.78	-0.925594	-0.009332682	3772	-0.017206498
2/27/2018	978.20	10.48727	-0.009344818	3773	0.022611586
4/25/2012	85.15	2.849169	-0.009364135	3774	-0.013199172
6/3/2003	22.12	-0.993752	-0.009372686	3775	0.023641683
6/1/2021	3540.53	3.380265	-0.009372847	3776	0.015786826
8/8/2017	808.29	-0.22204	-0.009376014	3777	-0.001087218
12/28/2015	1038.99	13.75806	-0.009392373	3778	-0.028137798
8/8/2005	70.40	-0.921878	-0.009406497	3779	-0.021981173
11/29/2017	901.18	0.263158	-0.009418293	3780	-0.017516658
5/8/2017	713.43	-0.885999	-0.009421837	3781	-0.02600818
4/19/2023	6258.14	-0.284695	-0.009438822	3782	0.026530057
9/21/2022	8748.91	72.82624	-0.009442206	3783	-0.017316566
10/14/2010	118.51	0.035591	-0.009477948	3784	0.025554909
1/25/2010	114.43	3.263477	-0.009499535	3785	0.044043255
10/23/2003	26.84	-0.650929	-0.009506733	3786	-0.017392104
9/23/2013	76.89	-0.989848	-0.009512839	3787	0.004538374
5/2/2022	7573.99	96.47286	-0.009521063	3788	-0.027487936
9/27/2006	77.70	1.905467	-0.009532517	3789	0.022482266
11/12/2002	26.74	-0.902226	-0.009540931	3790	0.029158642
12/11/2014	273.53	5.325031	-0.009543593	3791	0.008255281
8/26/2004	43.25	-0.947568	-0.009549268	3792	-0.012461675
6/1/2016	824.79	12.71307	-0.009552198	3793	0.026698306
4/4/2008	60.15	-0.923267	-0.009578225	3794	0.021509329
6/27/2016	783.84	6.785277	-0.00958375	3795	0.031903011
7/28/2011	100.68	-0.007124	-0.009585354	3796	0.018570269
1/18/2013	101.40	-0.191412	-0.009588795	3797	-0.012363789
3/31/2010	125.41	-0.977578	-0.009596078	3798	-0.005256424
9/28/2021	5593.09	53.79132	-0.009657579	3799	-0.033250236
7/26/2011	102.08	-0.971244	-0.009658988	3800	-0.007471379
5/20/2021	3549.84	11.60018	-0.009660134	3801	0.030900394
10/8/2014	281.73	2.822154	-0.009663905	3802	-0.018673796
7/21/2005	73.71	-0.990718	-0.009673179	3803	-0.030269015
7/5/2022	7940.95	92.88295	-0.009676489	3804	0.001535409
5/10/2013	84.58	-0.988514	-0.00970649	3805	-0.03154297
5/30/2023	7364.27	6.582056	-0.009733254	3806	0.04355133
3/6/2018	971.28	8.569423	-0.009743521	3807	-0.0165852
10/19/2007	101.50	-0.879338	-0.009753568	3808	-0.013716516
6/24/2020	841.17	24.73552	-0.009754541	3809	0.03952793
6/22/2004	32.69	-0.960872	-0.009756304	3810	0.043419679
6/17/2020	835.34	0.795772	-0.009765343	3811	-0.000322165
2/25/2015	465.17	6.581264	-0.009769805	3812	0.018400739
8/1/2006	61.36	-0.284437	-0.009770221	3813	0.051052798
4/18/2012	85.75	0.113005	-0.009784486	3814	-0.010387626
12/27/2011	77.04	-0.991794	-0.009801065	3815	-0.018382263

8/10/2022	9387.90	273.6389	-0.009806131	3816	0.020185727
12/11/2008	34.18	-0.951062	-0.009809551	3817	0.035118166
9/27/2016	698.48	-0.454583	-0.009817924	3818	-0.004499186
9/10/2018	1280.64	1.182113	-0.009830984	3819	0.001451714
11/3/2016	586.88	23.17092	-0.00983557	3820	0.006595662
6/13/2003	24.28	-0.997092	-0.009849119	3821	0.011476459
5/24/2022	8349.09	397.8779	-0.009874998	3822	-0.033556092
5/12/2003	20.93	-0.725295	-0.009901112	3823	-0.0288413
6/5/2008	76.20	-0.914995	-0.009919867	3824	0.00999803
12/27/2017	896.37	0.091618	-0.009931833	3825	-0.032723477
9/21/2017	821.14	6.3321	-0.009933633	3826	-0.007472426
7/19/2010	111.99	2.520422	-0.009937768	3827	-0.036607557
2/5/2009	31.81	-0.623894	-0.009953026	3828	0.038360765
4/26/2013	84.58	-0.206574	-0.009959145	3829	0.016911038
8/29/2007	106.61	-0.879784	-0.009959429	3830	-0.003934761
3/16/2016	886.78	6.333125	-0.00996517	3831	-0.019103343
7/13/2007	120.93	0.158266	-0.009970096	3832	-0.0006122
1/31/2011	104.40	-0.626402	-0.009970731	3833	0.022330606
9/12/2014	279.46	1.873334	-0.009980665	3834	-4.37419E-05
8/9/2012	97.26	-0.978972	-0.009993387	3835	-0.000535479
8/23/2021	4625.30	5.920887	-0.009994525	3836	-0.022290395
3/10/2017	668.31	12.52873	-0.010017374	3837	0.010854889
1/17/2005	49.40	-0.909255	-0.010026902	3838	-0.048256976
3/19/2015	544.37	-0.377769	-0.010040196	3839	-0.018859465
4/5/2016	874.88	6.880171	-0.010047832	3840	-0.015481877
8/17/2007	111.02	0.29828	-0.01004841	3841	-0.008093261
10/24/2011	85.51	0.138873	-0.010053917	3842	-0.027962862
2/7/2008	75.09	-0.91521	-0.010064571	3843	-0.002291142
7/13/2020	885.57	-0.87748	-0.010087752	3844	-0.006475202
9/28/2023	7228.00	4.518318	-0.010093566	3845	0.030738274
7/23/2018	1309.82	36.4726	-0.010111037	3846	-0.013895917
11/20/2008	34.95	0.169041	-0.010122287	3847	0.033828153
5/5/2004	29.90	-0.958327	-0.010128062	3848	0.026401124
4/13/2017	717.49	5.347775	-0.010133736	3849	0.00219664
5/22/2007	113.03	0.734306	-0.010135592	3850	0.006432033
6/22/2006	65.17	1.186783	-0.010153887	3851	-0.017043377
12/18/2002	29.80	-0.59901	-0.010160261	3852	0.003382836
2/8/2008	74.32	-0.987349	-0.01016699	3853	0.038872569
11/25/2021	5874.89	-0.161706	-0.010170789	3854	-0.020714201
8/18/2023	7008.15	138.6978	-0.010176307	3855	-0.000271485
12/17/2004	50.17	-0.245926	-0.010200833	3856	0.034427191
3/7/2006	66.53	-0.929783	-0.010201327	3857	0.01765097
12/21/2018	947.45	30.96281	-0.01021011	3858	0.048806304
10/23/2002	29.64	-0.992843	-0.010214887	3859	-0.003215767
8/11/2021	4141.57	61.42948	-0.010215784	3860	-0.000873016

8/26/2009	66.34	-0.494625	-0.01023377	3861	0.002048483
11/9/2010	131.27	-0.784588	-0.010259653	3862	0.021341526
10/17/2016	609.38	0.093186	-0.01026351	3863	-0.006942356
6/26/2015	557.44	7.920253	-0.01028642	3864	0.064870056
6/17/2005	62.49	-0.477654	-0.010300842	3865	-0.020464311
6/28/2007	119.64	-0.98268	-0.010310922	3866	0.005771558
12/5/2022	6907.25	94.53064	-0.010314285	3867	-0.009795615
12/21/2005	72.30	-0.920887	-0.010323732	3868	-0.008305852
12/4/2015	913.93	-0.829947	-0.010341544	3869	0.027416846
12/27/2021	5374.38	41.2474	-0.010343588	3870	-0.019822256
4/9/2010	127.21	-0.840751	-0.010367732	3871	0.046832247
6/8/2020	798.83	-0.889583	-0.010384404	3872	0.008224483
9/15/2023	7234.65	122.2014	-0.010395793	3873	0.000812691
4/28/2005	58.72	-0.210302	-0.010399143	3874	0.017676385
2/20/2008	74.36	0.267747	-0.010401673	3875	-0.021408536
2/16/2005	58.66	-0.934211	-0.010410508	3876	-0.001951276
9/10/2015	891.57	-0.895019	-0.010420345	3877	0.028318975
6/10/2022	8492.73	11.31336	-0.010432921	3878	-0.012782432
2/14/2017	689.72	7.70079	-0.010438361	3879	-0.038982354
10/18/2006	79.27	-0.987515	-0.010446356	3880	-0.012552527
2/28/2022	6349.48	86.70502	-0.010446606	3881	0.066455719
10/21/2009	72.40	-0.273172	-0.010447213	3882	0.002347767
11/19/2013	99.61	-0.853031	-0.010448936	3883	0.000802902
2/7/2017	677.73	18.0307	-0.010452333	3884	-0.000462801
11/18/2008	35.61	-0.962274	-0.010455212	3885	0.083823705
2/16/2018	943.97	0.145174	-0.010462501	3886	-0.050393012
6/16/2016	824.30	3.81128	-0.010465398	3887	0.006243789
1/15/2014	171.33	-0.370186	-0.010469209	3888	0.002976739
12/15/2014	272.03	-0.961604	-0.010495906	3889	-0.005205767
8/10/2023	7084.80	66.91723	-0.010495938	3890	-0.004997556
8/24/2007	104.32	-0.98753	-0.010517341	3891	-0.024942733
12/7/2023	8365.45	0.217354	-0.010538658	3892	-0.009570131
11/10/2022	6871.83	100.7725	-0.010543558	3893	0.004497048
11/9/2005	67.52	-0.912539	-0.010550131	3894	-0.001535997
8/31/2017	772.02	-0.044602	-0.010559152	3895	0.021658092
6/24/2019	808.06	-0.073018	-0.010572781	3896	0.006490083
5/3/2016	871.71	9.179847	-0.010577471	3897	0.002922354
4/3/2013	85.63	-0.105515	-0.010587278	3898	0.045928704
2/1/2013	95.73	-0.039194	-0.010597553	3899	-0.004155942
9/17/2012	99.64	-0.856524	-0.0106152	3900	-0.00503008
3/27/2017	694.45	5.967992	-0.010630928	3901	-0.044881665
9/29/2010	99.66	-0.927556	-0.010642682	3902	-0.035596785
7/26/2018	1375.72	0.624426	-0.010645198	3903	-0.022892108
8/6/2015	846.90	6.916246	-0.010670235	3904	-0.033664488
9/9/2010	106.98	-0.98354	-0.010676778	3905	-0.00610175

12/15/2022	6499.40	290.663	-0.010700467	3906	0.024823866
5/21/2003	22.28	-0.933689	-0.010721919	3907	0.00966259
1/20/2015	336.05	4.211149	-0.010767845	3908	0.019848066
3/16/2006	64.49	-0.065109	-0.010780719	3909	0.009714768
9/30/2005	68.98	-0.905338	-0.010816178	3910	-0.017601409
9/1/2016	728.68	-0.902367	-0.010825907	3911	0.012747623
10/26/2023	7463.50	40.08872	-0.010834631	3912	0.002485104
2/5/2014	181.64	1.609214	-0.010845792	3913	-0.0136402
5/5/2008	69.62	-0.180232	-0.010847291	3914	0.000668357
9/30/2011	84.92	2.217989	-0.01085626	3915	-0.032799821
9/19/2003	26.39	-0.54618	-0.010862859	3916	-0.017936362
6/3/2009	58.15	-0.412651	-0.010880005	3917	0.013590182
9/24/2012	99.00	-0.926431	-0.010898134	3918	-0.015593057
7/12/2018	1345.74	25.29904	-0.010899651	3919	-0.056270906
5/19/2009	51.17	-0.393201	-0.010909077	3920	0.00030215
9/6/2011	84.33	-0.98932	-0.010931608	3921	-0.000901697
7/12/2022	7896.10	99.26264	-0.010937103	3922	-0.02131515
9/18/2006	78.75	0.494817	-0.010957263	3923	0.041263301
11/5/2004	52.68	-0.96038	-0.010958229	3924	0.045177996
8/6/2018	1329.75	0.473327	-0.01097425	3925	-0.004744399
1/20/2020	902.55	12.94011	-0.01098038	3926	-0.0100681
2/20/2006	64.74	-0.894748	-0.010997417	3927	0.002843063
7/29/2019	615.14	-0.289049	-0.010998383	3928	0.010760841
4/6/2016	865.23	-0.873339	-0.011021661	3929	-0.025941499
12/6/2022	6831.10	7.094403	-0.011025127	3930	0.008060532
11/14/2017	843.93	7.809523	-0.011033823	3931	0.024581415
11/5/2012	95.80	-0.987243	-0.011036064	3932	-0.016346472
3/24/2022	7509.48	71.7745	-0.011063455	3933	0.00791955
8/6/2010	103.19	-0.611387	-0.011065309	3934	-0.00701196
7/14/2014	265.53	8.244072	-0.011084715	3935	0.019577558
11/22/2002	28.72	-0.888432	-0.011086504	3936	-0.002308906
3/25/2014	257.46	-0.967537	-0.011088299	3937	-0.020600577
7/8/2022	7930.98	11.24567	-0.011103673	3938	-0.020180765
7/23/2019	647.66	7.342593	-0.01110707	3939	-0.033753736
9/25/2006	77.63	-0.323456	-0.011113626	3940	-0.010304157
9/13/2007	114.75	-0.489628	-0.011121487	3941	0.00529908
5/15/2014	224.83	2.688787	-0.011122113	3942	0.063845451
10/30/2009	60.95	0.638738	-0.011128987	3943	-0.003230181
7/16/2002	37.19	-0.637041	-0.011130144	3944	-0.026976174
1/8/2013	102.47	-0.978662	-0.011157692	3945	0.029435005
9/8/2021	4802.30	6.311251	-0.011159641	3946	0.004437195
12/21/2016	656.84	-0.890806	-0.01116326	3947	-0.013259923
3/14/2023	6015.34	20.35837	-0.01116465	3948	0.056731671
10/30/2014	281.64	7.9111	-0.011167941	3949	-0.021424265
4/6/2009	31.61	-0.581416	-0.011183025	3950	0.00505697

7/2/2008	75.51	-0.231937	-0.011187763	3951	-0.010899648
9/26/2012	98.31	0.133585	-0.011191516	3952	0.00141901
3/21/2013	86.72	-0.117806	-0.011193914	3953	0.003581994
6/17/2011	98.30	-0.908976	-0.011198652	3954	-0.028350576
10/5/2018	1079.96	-0.73947	-0.011207106	3955	0.013444035
7/8/2021	4145.23	4.164129	-0.011208925	3956	0.012297102
6/13/2019	802.70	7.270139	-0.011220834	3957	0.029432934
2/10/2012	97.06	-0.121161	-0.011221364	3958	0.048063644
9/18/2007	110.44	0.381421	-0.011228493	3959	0.042544495
10/11/2006	79.95	-0.300732	-0.011230864	3960	0.039636519
5/7/2007	114.33	2.669632	-0.01124144	3961	-0.025327153
8/19/2002	31.16	0	-0.011241717	3962	-0.043526876
8/14/2002	31.16	-0.980522	-0.011241717	3963	-0.020316536
12/17/2020	1599.53	25.6191	-0.011247737	3964	-0.022564112
5/10/2005	60.09	-0.170549	-0.011251304	3965	0.012099635
12/20/2011	72.45	-0.944892	-0.011275207	3966	-0.012848634
8/7/2018	1314.61	-0.695901	-0.011381425	3967	-0.012372708
7/5/2021	4322.97	57.22882	-0.011400763	3968	-0.045506228
9/9/2005	74.24	0.98208	-0.011412786	3969	0.01270946
11/12/2008	37.46	-0.611057	-0.011419964	3970	0.026739018
5/24/2011	96.30	-0.886521	-0.011428559	3971	-0.057105134
9/18/2017	848.64	0.172833	-0.011434365	3972	-0.013451971
5/27/2020	723.58	9.412281	-0.011451877	3973	-0.065723944
1/18/2006	69.49	1.502044	-0.011460623	3974	0.023444805
10/8/2003	27.77	-0.961079	-0.011461384	3975	0.018196332
9/23/2016	713.62	-0.791056	-0.011467133	3976	0.020204171
5/14/2021	3415.36	11.75546	-0.011484162	3977	0.01538089
8/7/2014	267.76	1.371926	-0.011491411	3978	0.008655376
5/6/2010	112.89	-0.839971	-0.011498118	3979	0.023847868
9/26/2016	705.41	8.596894	-0.011502052	3980	-0.006955732
1/5/2006	73.50	-0.262875	-0.011525902	3981	-0.031203031
10/29/2013	99.72	0.702953	-0.011535056	3982	-0.04282277
3/29/2005	58.56	-0.407316	-0.011542653	3983	-0.021187654
5/19/2011	98.80	-0.979023	-0.011550864	3984	-0.021233776
8/31/2021	4709.85	4.644946	-0.011560585	3985	-0.025748998
9/8/2017	834.35	11.74505	-0.011627902	3986	0.043690325
2/17/2006	65.46	0.846429	-0.011645931	3987	0.010223311
6/29/2004	35.45	-0.866017	-0.011669554	3988	-0.028112609
8/8/2014	264.62	4.226215	-0.011709568	3989	0.003468195
12/7/2004	50.63	-0.601915	-0.011718869	3990	0.02363389
4/5/2010	127.19	-0.915203	-0.011725173	3991	0.017627332
11/19/2020	1499.97	0.66391	-0.011730142	3992	0.000574642
3/14/2019	901.47	-0.369764	-0.011754243	3993	-0.005204823
10/13/2020	1430.37	14.35078	-0.011758407	3994	0.007487594
11/23/2012	93.18	-0.018838	-0.011800274	3995	-0.008939821

2/5/2013	94.97	-0.97709	-0.011804824	3996	-0.023513467
7/26/2021	4145.32	36.22549	-0.011813715	3997	0.024618805
7/7/2010	111.36	0.528166	-0.011826224	3998	-0.003292673
2/13/2008	72.87	-0.98844	-0.011831507	3999	-0.013218223
12/19/2022	6303.88	121.5228	-0.01183629	4000	0.039669829
9/30/2004	51.45	1.25669	-0.011851711	4001	0.010234139
3/6/2003	22.80	-0.964955	-0.011863272	4002	0.00431463
10/5/2016	650.56	5.876919	-0.011900196	4003	-0.048384351
2/13/2007	94.60	-0.07704	-0.011902535	4004	-0.030245429
10/18/2007	102.50	-0.988092	-0.011914921	4005	-0.011570231
1/3/2024	8607.55	131.5688	-0.011926876	4006	-0.011422484
8/21/2009	64.93	-0.984436	-0.011929704	4007	-0.008092563
7/30/2021	4171.78	141.3621	-0.011936252	4008	0.012679534
1/10/2003	29.30	-0.962812	-0.011943562	4009	0.055313577
8/12/2015	788.00	-0.873062	-0.011945827	4010	-0.014069569
12/29/2022	6207.73	8.814718	-0.011947152	4011	0.039581414
6/2/2017	632.49	-0.30085	-0.011948335	4012	0.002336903
12/8/2015	904.66	0.516871	-0.011970922	4013	0.012820945
8/7/2019	596.40	-0.892075	-0.011971147	4014	-0.039676256
9/29/2021	5526.06	49.85059	-0.011984475	4015	-0.007383459
1/27/2011	108.67	0.004896	-0.011996361	4016	-0.01828574
5/12/2010	108.14	-0.16142	-0.011996609	4017	-0.009271891
1/4/2011	128.96	0.137893	-0.012004176	4018	-0.003701831
10/20/2010	113.33	-0.571352	-0.012041679	4019	-0.004378222
7/9/2014	264.39	9.560044	-0.012055348	4020	0.015495926
2/5/2003	25.04	-0.707688	-0.012071195	4021	0.00482682
3/13/2013	85.65	-0.885913	-0.012078334	4022	0.012328742
6/23/2017	750.76	-0.177304	-0.012089663	4023	-0.024268442
1/17/2020	912.57	23.83665	-0.012099032	4024	0.029049062
7/17/2002	36.74	-0.852758	-0.01212124	4025	0.06274321
6/25/2014	249.54	3.377542	-0.012136798	4026	0.03418168
5/2/2005	57.00	-0.835896	-0.012138918	4027	0.015305875
1/28/2015	347.37	11.07285	-0.012146994	4028	-0.006133925
3/5/2004	28.77	-0.996187	-0.01216154	4029	-0.014406166
6/6/2023	7545.35	97.61827	-0.01216524	4030	-0.030599596
8/24/2006	76.51	0.204728	-0.012183695	4031	0.022468734
6/13/2005	63.51	-0.258991	-0.012192199	4032	-0.002888453
3/15/2012	85.71	-0.171413	-0.012207068	4033	-0.017943254
2/15/2011	103.44	0.068061	-0.01220715	4034	-0.026446599
10/22/2012	96.84	-0.025861	-0.012238535	4035	0.055279732
6/16/2011	99.42	0.415572	-0.012290257	4036	0.024154998
5/26/2006	70.23	-0.919708	-0.01229507	4037	0.034500648
7/14/2020	874.68	-0.081626	-0.012295076	4038	-0.045287534
12/19/2018	952.43	42.39907	-0.012300095	4039	-0.076600316
4/24/2003	21.95	-0.982604	-0.012319029	4040	-0.031084909

9/15/2020	1261.51	39.76444	-0.012326178	4041	-0.019534549
9/20/2002	30.95	-0.389621	-0.012332942	4042	0.05684761
9/17/2004	50.70	-0.992425	-0.012345501	4043	-0.014721567
12/9/2022	6693.28	76.71202	-0.012385889	4044	-0.026402215
3/7/2012	86.13	-0.158779	-0.012387654	4045	0.003795747
1/17/2013	102.39	-0.929953	-0.012415809	4046	0.004766898
10/19/2020	1461.67	-0.808853	-0.012426764	4047	-0.018634934
4/29/2022	7646.80	68.71743	-0.012430689	4048	-0.028294749
4/15/2011	109.68	-0.862662	-0.012437323	4049	-0.031799385
12/11/2019	798.63	7.35409	-0.01245002	4050	-0.018577208
11/9/2011	95.60	2.128216	-0.012472582	4051	-0.012805993
10/21/2002	30.56	-0.711454	-0.012487008	4052	-0.03378469
4/19/2011	105.91	-0.625763	-0.012495213	4053	-0.014303821
11/11/2014	283.00	7.301938	-0.012525667	4054	0.025055713
1/12/2009	34.09	-0.95297	-0.012534213	4055	-0.045152192
4/12/2017	724.83	-0.904994	-0.012548112	4056	0.037739178
2/9/2024	7629.35	102.2804	-0.012560805	4057	0.047355702
8/28/2013	73.87	-0.391686	-0.012563532	4058	-0.015905133
12/16/2010	121.43	0.553888	-0.012573471	4059	0.028723408
8/30/2006	78.15	-0.98635	-0.012598369	4060	0.007987764
1/7/2022	5725.28	71.07884	-0.012598842	4061	0.009462145
10/13/2006	79.43	-0.872293	-0.01261625	4062	0.021760128
7/26/2019	621.98	4.758381	-0.012618581	4063	-0.03520792
4/28/2011	108.01	-0.871959	-0.012627043	4064	-0.026560214
6/16/2020	843.58	6.131908	-0.012630424	4065	0.014232575
6/19/2007	118.28	1.766946	-0.012633556	4066	0.004420787
7/8/2002	42.75	-0.535018	-0.012644069	4067	0.032657877
2/21/2013	91.94	-0.195672	-0.01265234	4068	-0.005691532
7/12/2010	114.30	3.333929	-0.012658023	4069	-0.012319731
7/4/2003	26.37	-0.964879	-0.012658517	4070	0.073252519
8/25/2016	750.93	0.295947	-0.012662563	4071	-0.027725871
11/4/2016	579.44	8.297187	-0.012674687	4072	-0.033613946
4/13/2005	62.32	0.06863	-0.012681462	4073	0.0119082
5/18/2005	58.32	-0.230243	-0.012704733	4074	0.009833422
9/19/2005	75.77	-0.932189	-0.012731642	4075	0.037906926
8/28/2020	1117.31	-0.317852	-0.012741116	4076	0.054477024
12/4/2020	1637.94	12.71996	-0.012770508	4077	-0.036247637
7/16/2007	119.38	4.64708	-0.012776189	4078	0.016900172
5/9/2003	21.14	-0.750994	-0.012781823	4079	-0.012005187
10/11/2011	84.90	-0.027845	-0.012807924	4080	-0.008935678
5/2/2013	87.33	-0.73986	-0.012823648	4081	-0.03181105
1/16/2015	335.71	3.990944	-0.012827573	4082	0.03814868
1/27/2006	67.26	-0.915095	-0.01283006	4083	-0.004591458
7/7/2016	792.23	8.71135	-0.012850915	4084	-0.030895836
5/9/2006	81.58	-0.897809	-0.012860397	4085	0.012939041

7/14/2017	798.29	-0.907225	-0.012860449	4086	0.000998136
1/16/2024	8604.55	30.04256	-0.012860512	4087	-0.024973045
12/8/2014	277.19	2.668967	-0.012865074	4088	-0.002509225
9/17/2013	75.55	-0.2829	-0.012865537	4089	-0.021304514
1/4/2013	105.35	1.227434	-0.012878202	4090	0.008094322
9/2/2004	47.30	-0.293775	-0.012878512	4091	0.002583368
6/5/2006	66.97	-0.989265	-0.012885152	4092	0.002710942
1/5/2023	6238.54	-0.178577	-0.01288938	4093	-0.017990717
1/30/2024	7594.80	89.10713	-0.012893189	4094	-0.000714783
5/11/2012	84.29	-0.158305	-0.012899975	4095	0.035469731
9/13/2012	100.14	-0.015021	-0.012903164	4096	0.00324746
12/13/2012	101.67	-0.984424	-0.012921039	4097	0.013780259
1/30/2023	6526.98	6.903788	-0.012934538	4098	0.037680798
12/19/2019	825.80	6.205326	-0.012955619	4099	-0.001005194
10/28/2010	114.61	-0.582053	-0.012961371	4100	0.035931743
7/2/2014	274.22	7.329376	-0.012968259	4101	-0.018431577
12/30/2008	32.92	-0.588136	-0.012972608	4102	0.059671603
9/5/2013	79.93	0.344104	-0.012986811	4103	0.010774935
7/14/2006	59.47	-0.992266	-0.013002443	4104	-0.012733182
6/14/2023	7689.62	5.133541	-0.013003037	4105	0.005648424
6/27/2018	1253.70	12.71606	-0.01300915	4106	0.042132207
11/14/2011	91.40	-0.988079	-0.013037605	4107	0.000931508
1/25/2024	7667.15	299.2445	-0.013039962	4108	-0.013381962
3/31/2004	25.54	-0.773682	-0.013067783	4109	-0.031127594
5/8/2007	112.83	-0.542164	-0.013082109	4110	0.006113101
6/9/2014	246.45	1.864222	-0.013083489	4111	0.002169918
10/20/2011	86.04	0.152601	-0.013119407	4112	-0.05816928
9/14/2005	74.65	-0.217539	-0.0131428	4113	-0.041674449
2/14/2012	95.41	0.136607	-0.013146264	4114	-0.03547235
7/29/2013	83.94	1.586608	-0.013154399	4115	-0.008400441
2/2/2009	32.45	-0.68601	-0.013158146	4116	0.026386716
8/16/2010	103.35	-0.834263	-0.013188948	4117	0.029189948
3/4/2015	623.60	7.686465	-0.01319446	4118	0.031959135
12/23/2005	71.79	-0.90894	-0.013195075	4119	-0.036887177
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5/17/2011	101.52	2.522379	-0.013226443	4121	0.026482974
10/1/2003	28.82	-0.961096	-0.013230512	4122	0.002070217
6/27/2017	740.83	8.111075	-0.013231472	4123	0.052080654
5/24/2013	81.31	-0.197585	-0.013238008	4124	-0.01003086
8/25/2010	101.33	-0.639038	-0.013250419	4125	-0.007679165
9/9/2014	280.73	-0.711457	-0.013256684	4126	0.03762631
1/18/2018	972.92	2.557243	-0.013273508	4127	-0.020574529
12/9/2014	273.50	1.666523	-0.0132787	4128	-0.025031984
9/16/2010	102.57	0.367997	-0.013288348	4129	0.031181611
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12/16/2004	50.68	-0.088756	-0.013311373	4131	-0.018625239
2/23/2005	55.62	-0.297873	-0.01331373	4132	0.036900225
6/5/2013	79.22	-0.252169	-0.013315165	4133	0.02117486
2/18/2010	105.93	2.170428	-0.013326323	4134	0.038958253
12/8/2008	33.41	-0.604887	-0.013333412	4135	-0.025099935
3/16/2012	84.56	-0.200081	-0.013346562	4136	0.005944726
2/16/2010	105.71	0.045146	-0.013353061	4137	0.03250145
1/7/2010	101.15	-0.888571	-0.013381727	4138	-0.011033367
1/1/2018	907.72	35.48948	-0.013406307	4139	-0.028245165
2/7/2003	24.88	-0.704341	-0.01341011	4140	-0.019327166
4/10/2012	84.14	-0.910146	-0.013412679	4141	-0.003436182
1/11/2016	936.39	-0.635947	-0.013424397	4142	-0.00616618
3/1/2021	2572.11	-0.686163	-0.01343192	4143	0.031834586
1/23/2024	8195.70	29.1508	-0.013433921	4144	0.030910228
8/22/2014	271.82	1.742694	-0.013441151	4145	0.010159442
5/21/2010	99.11	0.489739	-0.013460663	4146	0.031541022
3/30/2006	66.53	-0.911961	-0.013472081	4147	0.015230424
8/11/2017	755.66	6.371681	-0.013490537	4148	0.002306797
8/20/2010	102.51	0.693773	-0.013491939	4149	-0.005378527
8/28/2008	60.52	-0.384548	-0.01349265	4150	0.008947867
12/10/2007	98.34	-0.019507	-0.013493774	4151	-0.01850133
12/14/2012	100.29	-0.919408	-0.013519269	4152	-0.041876994
9/16/2020	1244.44	41.4666	-0.013529817	4153	0.039588422
9/10/2003	29.30	-0.666626	-0.013550314	4154	0.011939928
10/24/2013	87.90	-0.059724	-0.013560839	4155	-0.010210942
11/19/2012	93.48	-0.89334	-0.013581924	4156	0.006938252
2/19/2016	876.47	0.160314	-0.013585025	4157	0.019353557
10/3/2017	755.37	8.3552	-0.013586723	4158	0.001174466
3/26/2013	80.74	0.159613	-0.013592766	4159	-0.043599705
11/29/2005	69.63	0.043734	-0.013598584	4160	-0.01977677
11/24/2009	66.71	-0.942752	-0.013619393	4161	-0.026211205
9/24/2020	1165.33	33.375	-0.013657591	4162	0.008969028
11/24/2008	33.90	-0.995071	-0.013683747	4163	0.022202171
5/22/2023	6877.09	10.12482	-0.013710722	4164	-0.0138718
10/13/2016	618.17	-0.530799	-0.013728005	4165	0.03015243
8/9/2018	1317.51	-0.480633	-0.013744252	4166	-0.00010299
3/2/2021	2536.75	-0.620271	-0.013748153	4167	-0.013582165
11/23/2022	6680.43	7.229103	-0.013762115	4168	-0.016454249
6/12/2019	811.81	13.47832	-0.013775216	4169	0.018004586
2/11/2005	56.07	-0.990369	-0.013787096	4170	-0.00118226
12/3/2021	5821.73	6.068474	-0.013796547	4171	-0.013306358
6/4/2019	823.62	0.034265	-0.01380452	4172	0.028715197
8/3/2017	796.33	6.873376	-0.013817702	4173	-0.004253785
1/10/2013	101.14	0.980579	-0.013826797	4174	0.054104374
12/3/2004	51.07	-0.252525	-0.013848694	4175	0.039416617

9/11/2009	68.32	0.152632	-0.013861584	4176	-0.003281163
2/15/2005	59.27	-0.37212	-0.013873366	4177	-0.015706395
8/29/2012	94.40	-0.987005	-0.013901361	4178	0.018893606
9/13/2023	7264.40	253.7566	-0.01390692	4179	0.04883852
11/27/2002	28.52	-0.963137	-0.013919934	4180	0.024150486
4/30/2020	773.54	-0.152051	-0.013940032	4181	-0.00235268
4/4/2019	912.24	7.270135	-0.013999238	4182	0.014406552
4/26/2007	110.31	-0.843609	-0.014005926	4183	0.010166102
7/18/2019	705.32	-0.25849	-0.014007682	4184	0.036877346
11/29/2018	951.19	0.128826	-0.014015907	4185	-0.048583185
10/15/2015	842.64	11.70538	-0.014016066	4186	-0.01594372
2/15/2006	66.32	-0.989356	-0.014016265	4187	0.000162713
1/14/2022	6231.17	51.41796	-0.0140196	4188	0.007630339
7/19/2007	118.87	3.202053	-0.014020954	4189	-0.023152637
3/9/2004	28.29	-0.839165	-0.014028949	4190	0.02912181
2/12/2014	175.89	2.098987	-0.014049224	4191	0.021351755
9/16/2008	56.76	-0.986452	-0.01405206	4192	0.006412055
7/1/2021	4189.40	64.82201	-0.014067408	4193	0.049377986
2/2/2006	63.65	-0.053048	-0.014073206	4194	-0.038925122
3/6/2006	67.21	-0.922371	-0.014081158	4195	0.017983557
12/13/2017	865.82	2.15125	-0.014098734	4196	0.037132876
7/28/2014	274.75	-0.61324	-0.014103991	4197	-0.035211365
6/8/2017	710.40	-0.358213	-0.014109631	4198	-0.011045366
5/10/2018	1106.91	0.579247	-0.014130497	4199	0.015910575
3/21/2017	700.91	-0.65772	-0.014136153	4200	0.011164132
1/12/2021	2047.76	18.18698	-0.01414355	4201	-0.004056041
2/2/2007	106.73	0.100816	-0.014144584	4202	0.022511446
5/27/2010	96.95	0.482469	-0.014149123	4203	-0.020688915
8/27/2009	65.40	-0.338596	-0.014180283	4204	0.029388754
6/6/2011	98.88	3.42128	-0.014182859	4205	-0.065598746
3/25/2003	22.36	-0.973697	-0.01419459	4206	0.015528559
8/31/2015	850.25	14.90267	-0.014209344	4207	-0.046996365
6/25/2009	53.47	0.368979	-0.014221412	4208	-0.024711331
1/6/2009	39.06	-0.542644	-0.014244896	4209	0.056113355
11/14/2007	85.39	-0.917484	-0.01426776	4210	0.000363135
8/19/2020	1034.87	0.444884	-0.014341024	4211	-0.026685141
4/7/2017	716.23	5.956257	-0.014344484	4212	-0.022418473
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7/12/2016	788.39	25.65862	-0.014396432	4215	-0.00627827
3/17/2009	29.57	-0.970668	-0.014420007	4216	0.000910974
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7/13/2016	777.01	-0.051166	-0.014430591	4218	-0.005281913
12/6/2019	818.92	11.06695	-0.014436476	4219	-0.019773658
10/19/2005	67.86	-0.910648	-0.014438762	4220	0.026799017

11/22/2019	759.52	17.68186	-0.014440164	4221	0.008219698
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3/5/2003	23.07	-0.870715	-0.014442523	4223	-0.008803151
1/30/2014	178.47	0.720577	-0.014458618	4224	0.073040639
9/14/2010	103.72	0.049567	-0.014495626	4225	-0.006333098
12/28/2007	98.83	-0.59618	-0.014500566	4226	-0.01035521
6/12/2014	244.73	-0.66552	-0.014508269	4227	0.023028255
4/26/2017	731.67	2.016751	-0.014510534	4228	-0.039295079
5/5/2014	242.53	-0.701171	-0.014547971	4229	0.006159209
6/6/2019	811.62	-0.767984	-0.014573779	4230	-0.001914338
5/21/2021	3498.10	-0.600885	-0.014576248	4231	-0.023679847
4/5/2022	8764.65	245.2417	-0.014578745	4232	-0.042756395
12/17/2008	35.59	-0.956962	-0.014583241	4233	-0.003550972
5/31/2019	827.03	0.395742	-0.014584515	4234	0.004457529
4/15/2015	592.54	-0.914634	-0.014585033	4235	0.027536884
5/18/2023	6941.19	219.2861	-0.014586197	4236	-0.034038229
8/13/2002	31.51	-0.143262	-0.014602274	4237	0.000758406
11/6/2008	36.78	-0.303891	-0.014617173	4238	-0.013331171
1/6/2005	52.83	-0.420215	-0.014619187	4239	-0.007952625
2/14/2013	91.13	-0.167889	-0.014625857	4240	-0.027067382
6/30/2010	109.51	-0.126192	-0.014635689	4241	0.013919877
4/6/2010	125.33	0.473001	-0.014637907	4242	0.008747394
5/17/2013	85.09	-0.986353	-0.014653902	4243	-0.045245972
4/13/2023	6234.62	82.67985	-0.014654348	4244	0.024451169
2/28/2008	74.51	-0.027915	-0.014663207	4245	-0.000713742
8/12/2013	76.65	-0.071046	-0.014671883	4246	-0.047030987
1/20/2012	82.51	-0.182623	-0.014672374	4247	0.038041718
6/2/2011	100.94	0.921417	-0.014690985	4248	-0.018821248
11/25/2004	52.53	-0.438564	-0.014701442	4249	0.003586455
2/6/2013	93.57	2.212562	-0.014702658	4250	-0.01257733
3/4/2004	29.13	-0.969117	-0.014705752	4251	0.050787226
11/14/2018	943.13	8.628511	-0.014720512	4252	-0.002245304
3/18/2011	97.95	0.493185	-0.014724049	4253	0.023584755
3/12/2008	65.60	-0.060664	-0.014741949	4254	0.019853057
1/23/2006	69.84	-0.332557	-0.014751866	4255	-0.030601847
8/12/2010	104.63	0.214431	-0.014754469	4256	-0.026919129
11/12/2007	86.16	-0.23499	-0.014757769	4257	-0.000566123
10/4/2007	112.62	1.816032	-0.014787822	4258	-0.022222816
7/19/2004	39.99	-0.950472	-0.014790326	4259	0.033276958
8/2/2017	807.49	12.0997	-0.014790673	4260	0.00246701
7/4/2006	61.64	-0.964288	-0.014794567	4261	0.038008821
12/24/2020	1726.07	33.59086	-0.014808819	4262	0.001645137
1/14/2005	49.90	-0.223865	-0.014817095	4263	0.026321526
6/10/2005	64.29	1.227021	-0.014822309	4264	0.01022876
1/7/2003	28.87	-0.995748	-0.014835102	4265	-0.003138132

11/17/2022	6789.97	-0.227377	-0.014849525	4266	-0.015064811
9/23/2022	8788.21	357.3806	-0.01485438	4267	-0.054621264
1/29/2003	24.52	-0.99601	-0.014876844	4268	0.001560802
1/6/2023	6145.72	6.179335	-0.014878914	4269	-0.012553327
8/5/2015	856.03	11.61384	-0.014928156	4270	-0.052033507
11/23/2005	67.86	-0.908756	-0.014929033	4271	0.042014866
5/14/2020	743.76	-0.162156	-0.014930259	4272	-0.014244779
11/30/2017	887.71	0.071214	-0.014940939	4273	-0.005892546
6/3/2016	828.70	0.162857	-0.014953057	4274	0.011954757
5/22/2017	712.64	-0.249164	-0.014955615	4275	-0.035969818
1/8/2016	949.13	6.960717	-0.014998781	4276	-0.004175461
6/15/2007	119.23	2.320561	-0.015004217	4277	-0.042093815
1/19/2004	35.91	-0.876149	-0.015017516	4278	0.038722538
9/24/2014	289.91	3.52235	-0.015052086	4279	0.002203142
8/31/2009	64.11	-0.299257	-0.015055717	4280	0.005432173
11/2/2007	91.48	0.459343	-0.015068609	4281	-0.012739789
2/3/2006	62.69	1.132183	-0.015081929	4282	-0.025847502
10/1/2002	29.40	-0.958231	-0.015102349	4283	0.004877261
9/12/2016	703.89	-0.166715	-0.015106468	4284	0.023676585
10/30/2015	844.72	-0.150575	-0.015124965	4285	0.008209659
11/6/2018	994.46	-0.249328	-0.015129624	4286	0.024137275
8/29/2018	1324.76	-0.771527	-0.015131406	4287	-0.002850257
1/6/2022	5798.33	189.8426	-0.015132892	4288	0.023004138
4/23/2004	30.38	-0.709947	-0.015135633	4289	0.001409302
7/11/2011	104.75	-0.803117	-0.01513644	4290	0.027878882
5/21/2015	532.04	6.590476	-0.015140485	4291	0.042183839
5/24/2006	70.09	-0.973755	-0.015173421	4292	-0.023335088
3/22/2021	2670.75	-0.591996	-0.015173676	4293	-0.008129993
1/25/2023	6545.88	240.2752	-0.015174181	4294	0.012537117
1/21/2003	27.13	-0.993528	-0.015195657	4295	0.037707818
7/7/2021	4192.22	3.323222	-0.015224032	4296	0.003179176
12/17/2018	969.70	15.07058	-0.015225236	4297	-0.01665701
6/2/2005	60.34	-0.922143	-0.01524233	4298	-0.00833663
8/29/2017	775.01	-0.817947	-0.015254083	4299	0.025815601
7/6/2021	4257.02	3.885622	-0.015254408	4300	0.015108245
2/23/2016	871.34	27.93937	-0.015262	4301	-0.047898879
12/17/2002	30.11	-0.966561	-0.015271193	4302	-0.00573277
4/21/2016	900.40	12.20965	-0.015274888	4303	0.050617035
10/8/2009	68.16	-0.392215	-0.015288786	4304	-0.060662009
8/16/2007	112.15	1.930296	-0.015320793	4305	-0.016487154
1/15/2004	38.27	-0.510783	-0.01532708	4306	0.006396438
6/19/2008	78.23	-0.833465	-0.015328365	4307	0.041050966
2/24/2015	469.76	-0.583771	-0.015334807	4308	0.018428546
4/27/2018	1128.61	9.683384	-0.0153613	4309	-0.028460573
5/2/2011	105.64	0.5281	-0.015372893	4310	0.029461181

1/2/2006	69.13	-0.990405	-0.015381096	4311	0.009551254
10/21/2022	7204.82	7.535765	-0.015383619	4312	0.018096743
10/9/2015	844.07	-0.060624	-0.015402143	4313	0.015519068
1/29/2020	898.55	7.989836	-0.015413975	4314	0.019718833
5/18/2011	99.95	-0.100683	-0.015434885	4315	-0.004418834
6/29/2010	111.14	-0.853613	-0.015451431	4316	0.025810563
8/16/2016	759.23	12.23361	-0.015452214	4317	-0.00155271
2/18/2005	57.37	0.169325	-0.015455281	4318	-0.019644714
7/10/2009	49.06	-0.487606	-0.015477526	4319	0.025450683
8/10/2012	95.75	0.351556	-0.015477723	4320	-0.018982599
1/16/2006	70.85	-0.988724	-0.01548372	4321	-0.041236881
12/28/2022	6282.80	291.5105	-0.015485906	4322	0.011158573
5/23/2003	21.48	-0.977465	-0.015498235	4323	0.020621931
2/25/2020	953.13	8.74867	-0.015524711	4324	0.043976362
11/13/2013	97.77	0.502138	-0.015547596	4325	0.045868997
3/9/2006	65.09	1.55849	-0.015556194	4326	0.011623134
8/19/2003	25.44	-0.759389	-0.01557649	4327	0.014559681
2/8/2007	105.73	0.013256	-0.015583646	4328	0.063719659
7/21/2011	104.35	-0.794465	-0.015587548	4329	-0.058476586
5/12/2015	507.68	4.138633	-0.015595251	4330	0.001268472
3/15/2011	98.80	-0.06257	-0.015611988	4331	-0.045699165
2/6/2007	105.39	0.880188	-0.01563282	4332	-0.03130583
6/12/2006	56.05	-0.509108	-0.015653019	4333	-0.039178242
5/21/2007	114.19	2.138006	-0.015655972	4334	-0.016995166
7/2/2002	36.39	-0.995209	-0.015679823	4335	0.028625216
4/19/2022	7594.63	8.981345	-0.015711548	4336	-0.005981304
8/22/2017	760.88	13.29732	-0.015712619	4337	-0.002698402
10/6/2004	53.22	-0.915139	-0.015731046	4338	0.027906077
10/7/2016	627.13	13.0537	-0.01573708	4339	-0.013781206
5/8/2009	44.62	-0.480236	-0.015767601	4340	0.005327191
9/29/2011	85.85	1.173914	-0.015784477	4341	-0.036382996
8/4/2004	39.49	-0.623272	-0.01579372	4342	-0.015562152
2/25/2010	104.83	-0.984827	-0.01582336	4343	0.024966106
2/16/2022	6908.87	44.17601	-0.015827449	4344	0.04198479
12/17/2013	152.93	-0.805609	-0.015840985	4345	-0.034209604
1/20/2016	786.73	22.85822	-0.015852069	4346	0.017753235
2/17/2004	32.98	-0.952195	-0.015857802	4347	-0.013119264
3/22/2017	689.79	-0.253179	-0.015869367	4348	-0.005891054
11/21/2018	923.63	7.684088	-0.015872982	4349	0.032562273
7/8/2011	106.36	0.259019	-0.01587604	4350	0.046443199
9/27/2013	84.48	-0.894738	-0.015901788	4351	-0.000587673
7/5/2016	802.54	23.45731	-0.015907225	4352	-0.001177702
1/29/2004	32.81	-0.630906	-0.015934258	4353	0.029055496
6/11/2012	88.90	-0.890412	-0.015943561	4354	0.003629068
12/24/2019	811.26	-0.126654	-0.015952809	4355	0.038203436

2/19/2018	928.91	8.333109	-0.015959257	4356	-0.012338849
12/21/2012	99.53	-0.83324	-0.015962138	4357	0.036998686
8/20/2019	596.83	9.587641	-0.01596506	4358	-0.00723962
2/22/2005	56.37	-0.92852	-0.01601135	4359	-0.025649487
7/31/2015	788.62	-0.075747	-0.016013099	4360	-0.014937895
5/20/2016	853.25	7.889988	-0.016052877	4361	-7.58442E-05
11/3/2011	95.98	0.042251	-0.016069419	4362	-0.050798059
2/8/2013	92.09	-0.613278	-0.016083999	4363	0.063877349
5/7/2014	238.13	-0.810501	-0.016088823	4364	-0.05051084
9/29/2020	1256.61	-0.700588	-0.016090487	4365	0.050814292
8/4/2021	4196.90	59.40823	-0.016096155	4366	-0.018306496
10/5/2009	69.48	-0.867881	-0.016097359	4367	-0.009609395
3/31/2015	525.86	23.31847	-0.016111155	4368	-0.041863036
5/29/2003	21.62	-0.68193	-0.016117154	4369	0.010467997
10/14/2005	67.98	-0.80756	-0.016125194	4370	0.012344572
2/5/2015	353.28	2.263271	-0.016135005	4371	0.008097986
2/1/2007	108.26	-0.986882	-0.016181061	4372	-0.00980584
11/30/2023	8252.80	83.88233	-0.016182773	4373	0.048518677
1/10/2008	97.23	-0.076235	-0.016185434	4374	0.000691032
9/13/2010	105.25	-0.189131	-0.016188025	4375	-0.005627953
3/25/2010	129.80	1.513823	-0.016191385	4376	0.091097563
11/22/2004	51.63	-0.932999	-0.016205716	4377	-0.050715376
11/21/2019	770.64	29.40841	-0.016235236	4378	-0.046517889
2/4/2003	25.34	-0.968128	-0.016250047	4379	0.035659541
8/9/2017	795.16	0.305889	-0.016250289	4380	0.017900951
4/9/2015	608.90	1.355804	-0.016261232	4381	0.019769729
3/19/2014	258.47	-0.912165	-0.016267446	4382	0.030261578
4/20/2021	2942.66	3.809212	-0.016297328	4383	0.018829605
5/30/2017	611.88	4.904487	-0.016307376	4384	0.004715991
1/7/2013	103.63	-0.627936	-0.016359531	4385	0.028792532
11/28/2014	278.53	-0.966658	-0.016368599	4386	-0.005047069
6/13/2022	8353.63	-0.032671	-0.01637833	4387	-0.011118488
4/7/2022	8635.77	138.2715	-0.01639948	4388	-0.072669836
8/14/2008	62.01	-0.921083	-0.016413109	4389	0.019145159
4/28/2020	785.72	0.760202	-0.016462743	4390	-0.0159912
2/20/2015	446.38	-0.181614	-0.016469681	4391	0.0049062
6/23/2015	545.44	3.904617	-0.016509586	4392	-0.011126448
7/15/2010	111.21	2.412538	-0.016509856	4393	-0.026191437
8/22/2002	32.59	-0.342743	-0.016521086	4394	0.079484734
9/14/2004	49.58	-0.495101	-0.016539869	4395	0.004516031
8/2/2011	98.20	0.023443	-0.016546399	4396	-0.006945857
12/12/2007	95.95	2.592203	-0.016579665	4397	-0.04989753
7/3/2003	26.71	-0.720591	-0.016597328	4398	-0.00935934
1/23/2013	95.60	0.998316	-0.016606917	4399	0.020920732
9/30/2008	47.84	-0.993189	-0.016627952	4400	-0.001244675

5/12/2023	7023.54	27.28305	-0.016635733	4401	0.036200985
6/11/2014	248.33	6.225029	-0.016659519	4402	-0.005147406
11/21/2008	34.37	-0.994729	-0.016684818	4403	0.031214415
2/13/2023	6520.83	23.66753	-0.016712339	4404	-0.045649006
8/1/2014	264.35	-0.904709	-0.016732795	4405	0.010088096
2/4/2021	2774.13	90.93952	-0.016757649	4406	-0.023985029
2/12/2004	30.17	-0.979978	-0.016789076	4407	0.022291951
11/25/2020	1507.03	-0.78865	-0.016798956	4408	0.026253055
10/25/2022	7130.50	145.4203	-0.016814171	4409	-0.009327118
1/20/2005	48.70	-0.343169	-0.016834944	4410	0.028604149
6/27/2008	74.14	-0.911301	-0.016871478	4411	-0.011553666
9/1/2015	835.89	-0.237949	-0.01688931	4412	0.007784213
9/28/2018	1096.89	13.33223	-0.016923052	4413	0.054065421
9/16/2013	76.53	-0.346455	-0.016958816	4414	-0.05126904
1/14/2011	117.10	0.187799	-0.016960737	4415	-0.001486268
12/10/2012	98.59	-0.887737	-0.016967591	4416	-0.011571318
12/12/2017	878.20	-0.682894	-0.016968911	4417	-0.003111359
2/10/2021	2769.43	25.66804	-0.016973878	4418	0.000148496
5/3/2011	103.85	0.008532	-0.016979082	4419	-0.027232383
7/12/2011	102.97	-0.98432	-0.016986884	4420	0.04256341
11/24/2022	6566.92	72.41035	-0.016991389	4421	-0.003499422
2/24/2012	89.45	0.123138	-0.016992519	4422	-0.011164323
12/13/2011	79.65	-0.823831	-0.016993406	4423	0.03303509
2/18/2015	452.11	-0.408766	-0.016993484	4424	0.007888966
7/28/2016	764.69	6.462764	-0.016996475	4425	-0.036798493
2/22/2011	102.47	-0.904606	-0.017009606	4426	-0.005288114
5/7/2018	1074.14	0.287657	-0.017017862	4427	-0.00503504
9/19/2017	834.18	22.07754	-0.017030926	4428	0.01314202
7/5/2004	36.15	-0.635854	-0.017075356	4429	-0.001954365
12/29/2009	99.27	-0.986762	-0.017077461	4430	-0.016793108
2/12/2024	7498.60	7.896396	-0.017137764	4431	0.045171837
2/12/2019	842.88	-0.481864	-0.017149794	4432	0.07958514
10/27/2020	1626.75	23.05199	-0.017157085	4433	0.009530848
4/24/2008	67.63	1.82301	-0.017168379	4434	-0.01011131
4/8/2003	23.96	-0.363238	-0.017173102	4435	0.025506434
11/4/2008	37.63	-0.363062	-0.01719867	4436	0.03729439
5/17/2005	59.07	-0.992371	-0.017202779	4437	-0.043729951
4/28/2022	7743.05	110.765	-0.017209921	4438	0.032932561
9/10/2009	69.28	-0.932277	-0.017236344	4439	-0.012619721
1/4/2016	1022.98	17.57055	-0.017238535	4440	-0.016413412
2/7/2005	55.09	-0.984784	-0.0172568	4441	0.026333966
5/7/2021	3620.32	1.226764	-0.017280642	4442	-0.014418553
12/9/2020	1625.82	30.72592	-0.017283286	4443	-0.017109021
7/7/2009	51.25	-0.111931	-0.017315868	4444	-0.04031561
4/29/2005	57.70	-0.936669	-0.017324402	4445	0.049882786

12/2/2015	911.16	-0.90453	-0.017356998	4446	0.020500923
8/23/2022	9543.93	0.093617	-0.017361943	4447	0.023831498
3/31/2022	8726.94	308.8963	-0.017411605	4448	-0.028297855
1/17/2003	28.16	-0.740704	-0.017415997	4449	0.011141675
9/20/2007	108.60	-0.987462	-0.017431329	4450	0.040680801
9/16/2022	8662.39	264.5478	-0.017439058	4451	-0.050847552
9/13/2002	32.62	-0.550434	-0.017458871	4452	-0.02373764
1/31/2008	72.56	1.429418	-0.017474668	4453	0.021619312
11/10/2003	29.87	-0.080773	-0.017478893	4454	-0.0317467
5/27/2004	32.49	-0.649425	-0.017526872	4455	0.040875963
1/16/2008	92.68	-0.988828	-0.017533742	4456	0.019061437
10/12/2022	8295.62	9.456641	-0.017538373	4457	-0.008446812
1/6/2020	793.33	6.959157	-0.01753962	4458	0.000749756
3/14/2007	99.68	-0.202828	-0.017549981	4459	0.020850974
4/19/2010	125.04	1.242372	-0.017554619	4460	0.014696629
9/17/2008	55.76	-0.990858	-0.017567304	4461	-0.009368718
10/20/2021	6099.72	81.23031	-0.017569397	4462	0.004016423
7/3/2008	74.18	-0.307672	-0.017573528	4463	0.01253257
2/15/2010	107.14	0.494246	-0.017609968	4464	-0.01363013
8/12/2005	71.70	-0.257494	-0.017614059	4465	0.008974821
6/20/2011	96.57	-0.020288	-0.017617309	4466	-0.038394669
3/11/2011	98.57	-0.983984	-0.017670142	4467	-0.003452431
12/21/2022	6154.35	5.584801	-0.017682181	4468	0.000566201
2/18/2020	934.63	11.75287	-0.017720567	4469	0.002748054
2/25/2008	73.29	-0.268275	-0.017783206	4470	0.010000015
8/27/2010	100.16	-0.984522	-0.017792077	4471	0.01839136
3/7/2022	6470.81	126.2979	-0.017808934	4472	-0.039934508
9/26/2008	50.83	-0.499575	-0.017811597	4473	0.02272031
2/22/2010	101.58	0.586967	-0.017813138	4474	0.022485795
6/23/2006	64.01	1.129267	-0.017885219	4475	-0.03470557
12/4/2002	30.06	-0.698428	-0.017885466	4476	0.008753444
10/22/2007	99.68	0.161905	-0.01790834	4477	0.040138939
10/13/2011	85.79	0.028963	-0.017943757	4478	0.007073271
11/17/2011	83.38	0.07103	-0.017964069	4479	-0.038322083
10/19/2006	77.85	-0.942438	-0.017969528	4480	-0.030585193
7/30/2018	1352.38	20.24415	-0.017983266	4481	0.008749585
4/8/2005	63.66	-0.992336	-0.018008758	4482	-0.048150858
11/17/2023	8306.60	139.7763	-0.018033818	4483	0.019716042
5/11/2005	59.01	-0.765414	-0.018040444	4484	-0.005522941
6/23/2014	251.53	4.052548	-0.018083279	4485	0.007340965
9/20/2004	49.78	-0.445805	-0.018092204	4486	-0.037912024
11/20/2006	89.83	-0.988125	-0.018100445	4487	-0.032645194
10/20/2023	7564.40	68.14815	-0.018126817	4488	0.013223998
4/27/2011	109.39	-0.583644	-0.018134835	4489	-0.011742547
3/18/2014	262.74	3.854883	-0.018147142	4490	-0.000912428

2/25/2005	54.12	-0.271497	-0.018154429	4491	0.029642396
12/30/2011	74.29	-0.90872	-0.018196922	4492	-0.045750756
5/6/2019	813.85	14.36958	-0.018200494	4493	-0.036799074
11/10/2004	52.95	-0.953721	-0.018243425	4494	-0.043858673
5/2/2018	1144.19	10.22295	-0.018258264	4495	0.042310241
5/4/2011	101.95	-0.814069	-0.018264665	4496	0.012927057
3/16/2015	548.33	7.626697	-0.018264683	4497	-0.02032226
10/28/2005	63.56	-0.457892	-0.018268851	4498	-0.015346487
1/10/2011	117.25	0.03488	-0.018297953	4499	0.025087085
3/11/2010	113.30	-0.981583	-0.018339528	4500	-0.021656667
10/8/2021	6151.89	5.940202	-0.018359348	4501	0.016353186
10/7/2015	886.41	15.3136	-0.018361088	4502	-0.056643646
2/2/2005	54.34	-0.452726	-0.018379012	4503	0.00122206
1/8/2010	99.28	0.172346	-0.018407143	4504	-0.012352
4/13/2012	84.69	-0.979687	-0.018413837	4505	-0.010139282
7/19/2021	4169.26	11.02367	-0.018430441	4506	-0.011665306
2/6/2015	346.75	-0.945645	-0.018457987	4507	-0.047900719
12/16/2022	6379.39	9.568477	-0.018464675	4508	-0.017092155
9/19/2019	603.62	7.761789	-0.018486605	4509	-0.022520579
11/22/2005	68.89	1.893011	-0.018559286	4510	-0.058586498
3/23/2004	23.81	-0.996818	-0.018580411	4511	0.011746808
11/1/2023	7483.40	4.005561	-0.018596271	4512	-0.026077989
11/9/2020	1495.02	12.38483	-0.018609052	4513	0.015768789
9/17/2007	111.69	-0.109973	-0.01868413	4514	0.018363052
11/3/2010	125.50	-0.98297	-0.018700567	4515	0.019738192
2/1/2022	7369.25	281.6968	-0.018731914	4516	0.042181201
8/22/2003	26.07	-0.996561	-0.018788018	4517	-0.036419726
6/16/2023	7580.77	9.309304	-0.018795205	4518	-0.021489795
5/18/2020	735.33	-0.502695	-0.01883385	4519	-0.034360345
11/26/2020	1478.64	22.6741	-0.018843368	4520	-0.035172046
4/11/2005	62.46	0.047014	-0.018862987	4521	0.008002408
7/7/2006	59.65	-0.755238	-0.018889242	4522	0.013845796
6/18/2014	243.72	-0.959936	-0.01891735	4523	-0.009779742
3/13/2023	6083.26	23.65214	-0.018938086	4524	0.006614166
4/3/2014	246.76	-0.957185	-0.01895015	4525	-0.009971491
11/26/2021	5763.43	73.21735	-0.018971358	4526	-0.0137585
12/15/2011	77.66	-0.269898	-0.01899914	4527	-0.035014132
4/11/2011	106.36	0.474347	-0.019015022	4528	-0.001018822
6/23/2008	72.14	-0.052381	-0.019031289	4529	0.023498169
8/19/2013	76.13	-0.726823	-0.019031341	4530	-0.003932456
7/25/2014	278.69	-0.793	-0.019033977	4531	-0.03597018
8/24/2018	1346.30	4.56587	-0.019047206	4532	0.008252208
4/16/2014	241.89	1.751631	-0.019058004	4533	0.0760941
12/20/2006	87.91	0.175409	-0.01907383	4534	0.050313274
8/6/2013	74.79	1.035527	-0.019078389	4535	0.010032879

11/14/2008	36.74	-0.972487	-0.019085632	4536	-0.018298448
8/2/2018	1335.44	0.402304	-0.01909674	4537	0.038879779
8/21/2015	952.32	10.37579	-0.019102166	4538	-0.010338698
8/25/2011	83.71	-0.925824	-0.019111414	4539	-0.03623663
9/4/2020	1128.60	10.88119	-0.019138957	4540	0.02674764
10/31/2012	94.99	-0.875502	-0.019148388	4541	0.023818232
11/13/2019	762.98	-0.913742	-0.019197475	4542	0.001932207
9/14/2022	8845.36	275.4788	-0.0191986	4543	0.024255212
9/16/2002	31.99	-0.665044	-0.01924981	4544	-0.027977773
8/3/2012	95.51	2.442901	-0.019265431	4545	-0.014374841
3/10/2004	27.74	-0.895036	-0.019351494	4546	0.028235843
12/19/2014	264.30	1.617131	-0.019388079	4547	-0.002196095
6/8/2010	100.99	0.479897	-0.019410132	4548	0.009333578
9/23/2009	68.24	-0.940253	-0.019431495	4549	0.033794734
6/1/2018	1142.17	15.84203	-0.019440656	4550	0.009117038
5/8/2008	67.82	1.393141	-0.019448287	4551	0.045733037
9/2/2003	28.34	0.129653	-0.019498548	4552	0.010306731
7/31/2003	25.09	-0.951156	-0.019509073	4553	-0.006703191
4/21/2015	513.59	-0.359792	-0.019518428	4554	0.017074025
5/13/2019	802.22	-0.866095	-0.019597606	4555	0.027718877
3/20/2023	5990.98	99.20125	-0.019654082	4556	0.015155452
3/21/2005	59.79	0.501256	-0.019688226	4557	0.036921797
7/26/2004	39.83	-0.995199	-0.019704258	4558	0.002694417
7/26/2022	8296.26	8.543838	-0.019708365	4559	0.027899142
9/22/2015	869.28	0.187604	-0.019739664	4560	-0.008678907
5/26/2020	731.96	1.813659	-0.019741922	4561	0.022415394
8/13/2014	260.15	2.061061	-0.019775827	4562	-0.004343821
9/26/2011	84.99	0.35274	-0.019789788	4563	0.002126577
6/7/2006	62.82	-0.944779	-0.019791528	4564	-0.012805304
5/28/2018	1137.70	0.255042	-0.019793907	4565	0.030284738
10/25/2018	906.50	10.50991	-0.019801974	4566	0.028257838
6/11/2013	78.76	0.568376	-0.01982107	4567	-0.017038948
9/9/2004	50.22	-0.950872	-0.019856826	4568	0.033491535
2/12/2020	1022.16	0.425659	-0.019863272	4569	-0.064761648
9/6/2016	716.98	-0.16461	-0.019891065	4570	-0.036324524
2/8/2019	858.25	12.87073	-0.01993719	4571	0.008099952
9/5/2008	61.88	0.862401	-0.019964406	4572	0.015325575
11/25/2008	33.22	0.136868	-0.019977683	4573	0.036120311
2/25/2004	29.22	-0.024193	-0.01997804	4574	-0.02106114
10/22/2002	29.95	-0.950484	-0.020021107	4575	-0.015458139
12/26/2016	604.81	-0.895694	-0.020025118	4576	-0.00329706
12/13/2021	5798.43	46.62008	-0.020037552	4577	-0.040109061
11/18/2010	121.76	2.120099	-0.020076344	4578	0.022025884
7/27/2004	39.03	-0.632356	-0.020100696	4579	-0.017206248
9/24/2007	106.15	0.119569	-0.020134065	4580	-0.012299647

2/6/2012	94.81	-0.888994	-0.020140154	4581	0.064832016
5/4/2016	854.13	8.824493	-0.020160756	4582	-0.009218374
7/25/2013	86.94	2.094313	-0.020176548	4583	-0.046662463
10/7/2003	28.10	-0.671637	-0.020213539	4584	-0.025218894
5/3/2013	85.57	-0.172749	-0.020234849	4585	0.003097232
7/17/2012	103.43	-0.860861	-0.020251963	4586	-0.011896354
5/21/2020	743.38	27.11777	-0.020253974	4587	0.002218163
1/23/2003	26.44	-0.640121	-0.020286519	4588	0.032127457
7/15/2008	73.46	1.704593	-0.020321271	4589	-0.002550024
7/2/2003	27.16	-0.167816	-0.020325179	4590	-0.007158736
1/21/2009	32.64	-0.958903	-0.020327703	4591	0.007617759
8/9/2016	794.23	9.523185	-0.020335436	4592	-0.07223121
12/28/2011	75.47	-0.118942	-0.020346544	4593	-0.010655787
1/17/2012	85.66	0.251524	-0.020348873	4594	-0.057057685
7/11/2005	68.45	-0.879994	-0.020363415	4595	0.012116639
3/11/2015	570.37	4.462265	-0.020408167	4596	-0.005834248
6/11/2010	104.42	-0.918635	-0.020408412	4597	-0.017208959
9/6/2018	1283.35	34.65964	-0.020424378	4598	-0.009951404
11/17/2008	35.99	-0.658666	-0.02048136	4599	-0.04188858
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12/19/2023	8900.75	10.00621	-0.020533997	4601	-0.016398113
12/10/2019	808.70	2.199187	-0.020538069	4602	-0.004197604
4/23/2014	252.78	-0.675046	-0.020549595	4603	-0.047760344
8/10/2016	777.91	-0.9019	-0.020551826	4604	-0.066514123
6/16/2022	7929.74	11.44551	-0.020558439	4605	0.040587291
10/6/2016	637.16	6.111737	-0.020610109	4606	0.001481228
11/5/2007	89.59	0.397804	-0.020663589	4607	-0.04430501
7/29/2008	64.09	-0.742082	-0.020695811	4608	-0.019343047
4/7/2014	248.51	-0.974064	-0.020722979	4609	0.001402443
8/25/2022	9581.49	90.50055	-0.020728168	4610	-0.019630435
7/30/2007	104.72	1.623083	-0.020737918	4611	0.029169265
4/23/2009	39.92	0.060547	-0.020765946	4612	0.011928606
8/13/2004	37.64	0.216326	-0.020824421	4613	0.007893531
2/27/2009	30.95	-0.589018	-0.020833447	4614	0.014700466
8/22/2006	75.30	-0.990274	-0.02083793	4615	-0.015112211
4/26/2022	7741.92	-0.050735	-0.02085668	4616	-0.027852438
5/19/2022	8155.70	283.5676	-0.02088251	4617	-0.039421973
1/16/2003	28.66	0.311717	-0.020901986	4618	0.020155176
4/17/2003	21.85	-0.996985	-0.020923518	4619	-0.025766528
8/31/2023	7247.10	215.9051	-0.020933351	4620	-0.003126891
12/24/2008	33.41	0.531438	-0.020948371	4621	-0.020472064
5/22/2003	21.82	-0.732236	-0.02095362	4622	0.006635869
10/31/2006	81.48	-0.057284	-0.020967058	4623	0.025920213
11/26/2007	86.43	-0.987331	-0.021000744	4624	0.027013025
10/28/2022	6822.12	24.18601	-0.021002101	4625	-0.001564941

8/6/2014	270.87	-0.923574	-0.021021703	4626	-0.020202341
5/10/2021	3544.20	4.69787	-0.021025578	4627	0.031384998
5/29/2017	622.02	9.050304	-0.021100873	4628	0.025373363
6/27/2005	61.89	-0.528523	-0.021102467	4629	0.058028517
12/2/2013	131.27	-0.850055	-0.021191498	4630	-0.014820468
3/28/2016	875.45	-0.122682	-0.021225459	4631	0.077887125
1/31/2018	997.88	28.92543	-0.02124126	4632	0.039752971
1/28/2004	33.35	-0.963289	-0.021266607	4633	-0.005531137
1/27/2020	908.33	2.192951	-0.021282173	4634	-0.016122634
10/7/2014	284.48	-0.580954	-0.021337853	4635	0.032366766
12/14/2016	678.87	-0.106333	-0.0213461	4636	0.011142239
7/15/2016	759.65	9.053594	-0.021359015	4637	0.023719662
6/12/2008	75.56	-0.970979	-0.021421874	4638	-0.044714857
3/9/2021	2603.65	28.72688	-0.021438237	4639	0.02025488
12/8/2006	87.59	-0.143677	-0.021483981	4640	0.008451685
9/21/2010	102.28	0.24125	-0.021499104	4641	-0.025144502
5/23/2013	82.40	-0.910357	-0.02150261	4642	0.053982581
8/4/2020	919.22	4.449991	-0.021509929	4643	0.039715542
1/23/2014	168.66	-0.874295	-0.021550003	4644	0.022557152
9/4/2018	1341.75	-0.792532	-0.02155409	4645	0.017622437
2/22/2023	6467.25	75.03218	-0.021585874	4646	0.059922202
7/26/2013	85.06	1.212663	-0.021621652	4647	-0.030429898
8/12/2004	38.44	0.261915	-0.021646878	4648	0.012555053
1/2/2003	30.46	0.105786	-0.021716542	4649	0.011131035
1/20/2003	27.55	-0.967088	-0.021726667	4650	0.026906067
2/26/2019	837.05	-0.097793	-0.021735444	4651	0.014847784
3/28/2018	927.78	-0.207578	-0.021742488	4652	0.014244161
9/25/2018	1170.81	0.339215	-0.021801243	4653	-0.002457004
1/14/2016	874.25	32.74615	-0.021861777	4654	-0.002070956
8/14/2003	25.91	-0.781884	-0.02188439	4655	0.064368902
12/20/2010	118.77	0.18925	-0.021901525	4656	0.002936923
11/11/2013	99.87	-0.054908	-0.021915407	4657	0.017967638
4/12/2007	105.68	-0.839802	-0.021918441	4658	0.012390701
12/19/2016	659.66	-0.252267	-0.021920228	4659	0.008193072
4/24/2019	882.21	40.01196	-0.021933525	4660	-0.023646594
3/10/2003	21.51	-0.975164	-0.021962238	4661	-0.042584626
1/25/2019	866.13	1.672013	-0.021965163	4662	-0.043910507
1/13/2015	324.15	7.288288	-0.022071168	4663	0.001057304
7/20/2004	39.11	0.248189	-0.022101886	4664	-0.036313824
9/19/2002	31.33	-0.99613	-0.022110565	4665	-0.01057316
6/15/2022	8096.18	153.7496	-0.022123073	4666	-0.008628172
12/29/2004	52.32	-0.917388	-0.022131836	4667	-0.011871594
7/24/2019	633.30	4.904895	-0.02216594	4668	-0.008147702
4/18/2011	107.25	-0.870096	-0.022180342	4669	-0.021220706
7/8/2019	825.61	1.332071	-0.02219425	4670	0.011912001

1/23/2015	354.03	-0.949065	-0.022213888	4671	0.000240456
1/24/2022	6950.53	27.23587	-0.022220024	4672	-0.022325016
4/30/2014	246.16	1.528154	-0.022222237	4673	-0.060259336
10/31/2013	97.37	2.532271	-0.022247054	4674	0.02140878
10/27/2003	27.57	-0.964666	-0.022273054	4675	-0.017605079
11/5/2019	780.14	26.00795	-0.022337704	4676	-0.010722335
11/4/2003	28.89	-0.644412	-0.022343411	4677	-0.008664125
8/1/2013	81.23	-0.188269	-0.022353938	4678	0.006069542
10/17/2012	100.07	-0.627769	-0.022378569	4679	0.008437471
7/31/2014	268.85	7.184831	-0.022389441	4680	0.036607485
2/16/2009	32.85	-0.942568	-0.022396564	4681	0.045389423
4/3/2020	571.93	-0.926223	-0.022397958	4682	0.018595523
6/17/2022	7752.08	126.4519	-0.022403929	4683	-0.012095108
3/8/2005	60.82	-0.186962	-0.022514037	4684	0.034983844
8/27/2013	74.81	-0.312961	-0.022514761	4685	0.023327508
2/2/2010	108.89	2.996897	-0.02251938	4686	-0.053812881
10/30/2002	27.24	-0.944348	-0.022530502	4687	0.002903448
3/25/2015	489.53	-0.356551	-0.022546713	4688	0.049293582
9/27/2017	760.79	13.58877	-0.022560906	4689	-0.012296144
7/6/2009	52.15	0.741311	-0.022567062	4690	0.055845131
5/31/2004	29.95	-0.57922	-0.022596108	4691	0.034325882
8/3/2005	71.17	-0.258948	-0.022598709	4692	0.033999293
2/17/2012	96.04	-0.988464	-0.022634305	4693	-0.032789054
6/3/2022	8325.30	94.35267	-0.022696435	4694	-0.023608573
3/11/2013	87.31	-0.987471	-0.022710581	4695	0.015014327
10/27/2022	6968.47	86.51432	-0.022723479	4696	0.009999107
9/15/2006	79.63	0.265728	-0.022727113	4697	-0.02626547
8/17/2009	62.91	0.060172	-0.022793558	4698	-0.014241874
4/27/2005	59.34	-0.228918	-0.022795852	4699	0.041584517
9/19/2006	76.96	-0.896472	-0.022835051	4700	-0.014431844
5/8/2020	743.33	9.90909	-0.022861122	4701	0.049226673
1/25/2006	68.14	-0.917384	-0.022861448	4702	0.022023094
10/12/2015	824.77	9.128939	-0.02287533	4703	-0.042097485
11/21/2011	81.43	-0.989205	-0.022877628	4704	0.016183676
7/18/2023	7542.75	96.36543	-0.022896561	4705	0.024302303
6/3/2008	77.47	-0.898022	-0.022925201	4706	-0.014764758
12/2/2019	759.66	-0.120982	-0.022925861	4707	0.00138368
2/16/2016	864.22	2.561624	-0.022928096	4708	0.014186242
4/10/2014	242.65	1.19951	-0.022976892	4709	-0.014450448
3/15/2010	110.32	-0.970055	-0.023082228	4710	0.011567329
5/6/2021	3683.98	45.4253	-0.02309822	4711	0.03147259
8/2/2013	79.35	-0.897348	-0.023140345	4712	0.004690798
8/21/2017	773.03	6.516433	-0.023142306	4713	0.049565371
3/26/2007	102.85	0.300427	-0.023169384	4714	-0.019813217
7/3/2013	79.09	0.123702	-0.023174304	4715	0.004486221

3/4/2008	70.38	-0.332759	-0.023208642	4716	0.016239132
8/21/2007	105.48	-0.987248	-0.023228398	4717	-0.006056316
9/27/2022	8271.61	8.538565	-0.023240088	4718	0.018834695
5/19/2016	867.18	2.635515	-0.023258845	4719	-0.001061558
3/28/2014	238.53	-0.74131	-0.023275173	4720	-0.016134982
7/31/2020	922.06	-0.885471	-0.02327518	4721	-0.009684999
11/9/2023	8050.90	312.8867	-0.023292831	4722	0.001290631
8/6/2003	25.65	-0.689133	-0.023298776	4723	0.043405054
9/30/2013	82.51	1.850047	-0.023311421	4724	0.068532165
10/24/2002	28.95	-0.522858	-0.023356884	4725	0.036449044
4/8/2008	60.67	-0.199924	-0.023405456	4726	0.000386145
12/16/2011	75.83	-0.180968	-0.023458958	4727	0.012056162
3/19/2013	92.59	-0.965651	-0.023469905	4728	0.031257795
2/18/2021	2695.61	27.63519	-0.023540497	4729	-0.011445305
12/4/2007	94.14	-0.928146	-0.02356738	4730	0.04809982
9/5/2018	1310.10	-0.499432	-0.023584726	4731	-0.000350856
3/24/2021	2617.24	-0.585174	-0.023657203	4732	-0.04897435
2/27/2023	6309.24	60.00608	-0.023668553	4733	0.008978925
2/19/2010	103.42	-0.40268	-0.023681582	4734	0.000813252
1/14/2014	173.14	-0.78302	-0.023722305	4735	0.011862509
5/21/2019	797.95	6.132683	-0.023740472	4736	-0.032014273
4/25/2007	111.87	0.460025	-0.02377261	4737	0.008614893
5/16/2006	76.62	0.181988	-0.023804322	4738	0.011798016
4/7/2005	64.83	-0.925188	-0.023857365	4739	0.018390546
12/1/2017	866.53	8.917658	-0.023865074	4740	-0.018363758
11/28/2006	87.37	-0.23656	-0.023871033	4741	-0.002413361
1/11/2011	114.45	0.045582	-0.023914166	4742	0.013203317
5/11/2010	109.46	0.313523	-0.023942702	4743	0.005209141
11/3/2006	83.33	-0.912613	-0.023983345	4744	-0.012161362
3/16/2018	953.57	12.82422	-0.023996646	4745	-0.01021392
10/6/2005	68.98	-0.990014	-0.024011446	4746	-0.018641865
3/15/2022	6907.84	6.609168	-0.024017899	4747	0.058344123
3/25/2019	907.83	0.367607	-0.024023274	4748	0.000664161
1/31/2017	663.81	8.024619	-0.024100101	4749	0.005799513
12/13/2005	73.56	-0.990169	-0.024107295	4750	0.014148333
6/23/2023	7481.95	84.3549	-0.024167701	4751	-0.000719908
11/21/2006	87.66	2.74942	-0.024182318	4752	0.005317853
2/12/2003	23.38	-0.980212	-0.024193724	4753	0.023290039
9/23/2020	1181.47	-0.537364	-0.024223294	4754	0.002500447
3/25/2021	2553.77	92.85112	-0.024248897	4755	-0.016973903
11/8/2002	27.21	-0.945957	-0.024249472	4756	0.028363136
4/30/2015	503.50	1.842659	-0.02426026	4757	-0.023355259
2/10/2014	177.12	0.905308	-0.024284817	4758	0.030382658
1/10/2007	92.96	-0.884582	-0.024294617	4759	-0.018498617
6/19/2019	805.45	25.52405	-0.024310438	4760	-0.000847736

2/20/2004	30.37	-0.425158	-0.024314595	4761	-0.011519128
6/30/2009	52.83	-0.363972	-0.024322378	4762	0.002673279
4/8/2013	83.06	-0.918241	-0.024346626	4763	-0.013860817
12/18/2015	1015.86	15.71268	-0.02436266	4764	0.018303971
9/9/2008	60.78	-0.889096	-0.024456505	4765	0.045021497
7/8/2015	548.08	-0.353157	-0.024466385	4766	0.023241685
8/10/2015	847.31	14.11172	-0.024466837	4767	-0.003854984
7/18/2006	56.07	-0.990661	-0.024473115	4768	-0.019510374
12/22/2022	6003.73	-0.178791	-0.024473672	4769	0.015139165
7/21/2023	7310.85	7.779236	-0.024478565	4770	0.033273152
5/31/2016	832.74	2.639703	-0.024514499	4771	-0.010323676
5/29/2014	228.79	8.65999	-0.024520638	4772	-0.044512322
6/16/2003	23.68	-0.715348	-0.024535687	4773	0.041126505
12/8/2011	83.21	1.174051	-0.024583993	4774	-0.016964038
1/7/2004	38.27	-0.973924	-0.024620298	4775	-0.023956455
11/2/2020	1467.75	18.31513	-0.024639875	4776	-0.004516482
9/2/2005	75.99	-0.580571	-0.02464242	4777	-0.027617561
2/3/2014	181.17	-0.777994	-0.024695828	4778	0.004269195
2/15/2019	816.08	8.301152	-0.024720628	4779	0.000711471
3/5/2012	87.74	-0.099332	-0.024723295	4780	0.008150553
5/23/2011	97.42	-0.894497	-0.02476785	4781	-0.002480059
2/10/2016	923.34	38.52212	-0.024813212	4782	0.029628044
4/9/2003	23.36	-0.212269	-0.024865721	4783	0.035222607
12/23/2002	29.66	-0.994749	-0.02488089	4784	-0.035227511
9/27/2021	5647.63	1.045801	-0.024893699	4785	0.018131508
2/17/2021	2760.60	31.30606	-0.024894687	4786	0.001460178
5/4/2012	85.45	0.09633	-0.024897304	4787	0.02524934
9/6/2013	77.94	0.218561	-0.024916084	4788	0.035132521
3/13/2008	63.96	0.28012	-0.024937639	4789	-0.02627022
7/8/2009	49.97	0.052341	-0.024963319	4790	0.042986898
8/31/2004	47.48	-0.950154	-0.025000316	4791	-0.024303499
1/4/2019	952.57	16.17001	-0.025055786	4792	-0.036488499
5/28/2009	55.48	-0.992295	-0.025124294	4793	-0.007163706
2/3/2022	7200.44	7.686405	-0.025212141	4794	0.014675416
5/3/2019	828.93	-0.236814	-0.0252176	4795	0.027421551
5/14/2018	1086.15	13.31954	-0.025223922	4796	-0.031643368
2/6/2008	75.85	-0.917856	-0.02522794	4797	0.006761218
10/23/2018	923.39	14.41824	-0.025241575	4798	0.026129357
3/10/2005	59.89	-0.462263	-0.025244247	4799	0.021631938
4/7/2011	111.37	-0.969006	-0.025261592	4800	-0.022264655
6/18/2021	3593.33	31.07703	-0.025278857	4801	-0.000340517
9/5/2007	112.02	-0.879341	-0.025304528	4802	-0.030345926
1/7/2019	928.42	7.866196	-0.025351148	4803	0.011201803
1/19/2007	104.71	-0.818781	-0.025356475	4804	-0.014291444
10/27/2016	577.83	4.574181	-0.025368727	4805	-0.018192229

2/4/2011	103.66	0.681839	-0.02539267	4806	0.001944561
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11/18/2015	804.14	1.854754	-0.025418903	4808	-0.017324703
7/18/2014	281.68	-0.88916	-0.025467615	4809	-0.016794636
1/28/2021	2541.36	105.0025	-0.025483753	4810	0.035772039
7/22/2003	23.97	-0.996001	-0.025523516	4811	0.003452954
10/12/2021	5995.87	7.777216	-0.025534268	4812	0.044895743
1/25/2017	683.12	-0.143181	-0.025546151	4813	-0.025256249
9/7/2015	797.27	-0.876904	-0.025549827	4814	0.014052704
2/22/2022	6476.83	5.517556	-0.025568092	4815	0.079749738
11/2/2018	993.75	-0.828436	-0.025586061	4816	-0.000198411
12/15/2021	5792.31	219.5677	-0.025656158	4817	0.00406434
8/5/2003	26.26	-0.904444	-0.025686953	4818	0.036976209
11/13/2014	274.82	7.376338	-0.025694904	4819	0.012094284
12/3/2008	32.81	-0.359198	-0.025698135	4820	-0.009530625
9/23/2004	51.20	-0.91704	-0.025705936	4821	0.035868076
12/23/2016	617.17	8.532425	-0.025766471	4822	-0.010414518
10/27/2005	64.74	1.425285	-0.025792941	4823	-0.019057352
7/15/2003	26.70	-0.545914	-0.025851916	4824	-0.009287279
7/28/2009	58.79	-0.394284	-0.025872603	4825	0.022513804
3/16/2007	97.06	-0.16899	-0.025911498	4826	0.031685518
11/23/2010	116.80	0.093978	-0.025962667	4827	0.019626018
1/25/2007	106.76	0.647796	-0.025990602	4828	-0.056547113
7/23/2008	64.79	-0.24996	-0.026018473	4829	-0.02863712
9/12/2011	86.38	-0.824117	-0.026032928	4830	-0.019038668
5/7/2015	491.14	7.435688	-0.026041957	4831	-0.004074756
3/22/2005	58.22	-0.077919	-0.026220498	4832	0.018062317
6/16/2005	63.14	1.249901	-0.026234594	4833	-0.02508124
10/21/2003	28.06	-0.688714	-0.026257051	4834	0.015071117
12/18/2007	90.16	-0.014532	-0.026305419	4835	0.027359454
11/17/2006	91.49	0.748082	-0.026340705	4836	0.021362844
1/11/2005	52.33	-0.918613	-0.026373556	4837	-0.019932863
9/25/2019	643.03	6.355532	-0.026404055	4838	0.035334326
8/12/2011	87.42	-0.897954	-0.026421169	4839	0.008182937
12/6/2017	856.69	-0.284248	-0.026429917	4840	-0.040640074
9/24/2018	1196.90	29.46127	-0.026434512	4841	0.046266123
8/11/2004	39.29	-0.943167	-0.026446251	4842	0.049623295
1/20/2017	691.37	5.376492	-0.026465336	4843	0.021357324
4/8/2011	108.43	2.736968	-0.026471707	4844	0.015874085
11/13/2003	29.01	-0.49502	-0.026472401	4845	0.006874193
3/31/2008	57.46	-0.122772	-0.026486166	4846	0.000769951
11/27/2009	65.50	-0.087216	-0.026507111	4847	0.044763024
7/22/2005	71.76	0.018166	-0.026511414	4848	-0.044211136
10/22/2009	70.48	0.067528	-0.026529584	4849	0.046544333
5/9/2008	66.02	-0.91964	-0.026534307	4850	-0.037599476

11/15/2017	821.52	-0.096697	-0.026553554	4851	-0.010250779
3/23/2018	909.46	-0.068136	-0.026555756	4852	0.022692494
11/9/2018	975.96	1.048339	-0.026685534	4853	-0.015089074
3/26/2015	476.46	-0.435704	-0.026687173	4854	0.01734353
7/5/2019	844.35	26.25602	-0.026795009	4855	0.000871143
8/8/2002	30.98	-0.646498	-0.026808248	4856	-0.026981183
5/3/2012	87.63	-0.000762	-0.026817245	4857	-0.017453589
10/15/2013	87.70	-0.6435	-0.026818957	4858	0.00572321
4/25/2014	246.00	-0.928676	-0.026823696	4859	0.000138506
5/11/2021	3449.10	46.68931	-0.026832503	4860	0.032911855
2/11/2008	72.32	1.179474	-0.026901641	4861	-0.038158453
9/3/2002	33.18	-0.987314	-0.026912614	4862	0.001758896
2/22/2021	2615.91	99.0418	-0.026928357	4863	0.016566344
7/17/2003	26.15	-0.520712	-0.026962447	4864	0.025183164
7/19/2006	54.56	-0.925316	-0.026992786	4865	-0.012510409
8/29/2016	730.50	22.00363	-0.0270514	4866	-0.017534576
1/22/2009	31.76	-0.995652	-0.027089214	4867	0.048488278
2/11/2022	7302.86	286.0651	-0.027092425	4868	0.020430081
7/18/2003	25.44	-0.689133	-0.027093423	4869	-0.048280985
5/4/2006	81.83	0.104027	-0.027104199	4870	-0.004607417
6/6/2008	74.12	-0.370679	-0.02719438	4871	0.023633282
6/12/2007	117.78	-0.978992	-0.027205764	4872	-0.021685531
11/29/2021	5606.62	237.1759	-0.027208686	4873	-0.012300006
2/25/2003	23.54	-0.782012	-0.027278841	4874	0.026670786
8/20/2007	107.99	-0.592265	-0.027341267	4875	0.010280921
3/13/2014	264.85	-0.614957	-0.027366667	4876	0.01096964
4/16/2020	687.83	1.600427	-0.027384038	4877	-0.021743366
10/17/2014	264.51	-0.550132	-0.027401864	4878	-0.010601682
9/4/2019	587.97	5.228402	-0.027412531	4879	0.046871946
7/25/2012	94.40	-0.867333	-0.027421746	4880	0.015373816
4/27/2017	711.57	7.692853	-0.027472259	4881	-0.022051504
3/25/2013	81.86	-0.896529	-0.027475313	4882	-0.001095746
10/26/2017	791.11	25.73214	-0.027489983	4883	-0.039916415
8/1/2002	29.59	0.083726	-0.027513276	4884	0.037003183
9/15/2003	27.31	-0.486728	-0.027523036	4885	-0.042004471
3/26/2008	53.20	-0.950957	-0.027574723	4886	-0.002712379
5/18/2018	1084.83	36.64026	-0.027680232	4887	0.055648409
10/20/2003	28.82	-0.968223	-0.027702353	4888	0.011796717
4/18/2019	906.98	12.59812	-0.027718378	4889	0.00025458
10/21/2005	66.70	-0.415727	-0.027735731	4890	0.01551877
10/18/2010	114.16	0.12085	-0.027743604	4891	0.009055499
2/8/2011	101.85	0.067167	-0.027750513	4892	0.010605739
1/5/2007	95.44	-0.189965	-0.027752372	4893	-0.023668983
7/5/2007	117.82	0.99788	-0.027769421	4894	0.022547573
3/14/2005	58.97	-0.466905	-0.027770269	4895	-0.024758831

7/25/2007	110.62	0.262132	-0.027795337	4896	0.036184557
12/19/2007	87.65	-0.928707	-0.027822727	4897	-0.028975209
9/21/2018	1229.40	0.326948	-0.027909955	4898	-0.008947831
2/26/2020	926.49	-0.255726	-0.027950508	4899	0.008602342
9/11/2018	1244.82	12.64106	-0.027970125	4900	-0.008474534
8/8/2011	91.26	-0.029153	-0.027978458	4901	-0.004451495
12/28/2006	94.00	1.94425	-0.027987408	4902	-0.002536992
2/17/2009	31.93	-0.698835	-0.028064072	4903	-0.042189943
8/7/2007	106.01	-0.817993	-0.028161713	4904	-0.028889081
8/5/2019	582.43	-0.264219	-0.028213152	4905	0.045073522
10/11/2017	791.58	-0.498897	-0.028373392	4906	0.028646762
12/10/2020	1579.67	39.37425	-0.028386999	4907	0.02513749
1/12/2004	39.13	-0.950958	-0.028388777	4908	0.013300414
9/22/2017	797.79	8.585708	-0.028437147	4909	0.023302609
1/18/2012	83.23	2.36745	-0.028437256	4910	-0.013289105
1/31/2003	24.72	-0.36839	-0.028480826	4911	-0.01948455
4/27/2009	39.13	-0.995256	-0.028491526	4912	-0.006774152
10/3/2022	8247.84	237.53	-0.028510688	4913	-0.00767604
12/18/2008	34.58	-0.994978	-0.028541246	4914	0.03338296
1/27/2022	6884.83	227.6632	-0.02856172	4915	-0.013410947
9/24/2002	30.11	-0.953625	-0.028571309	4916	0.010071962
1/6/2017	649.26	-0.483959	-0.028574421	4917	0.002637383
9/18/2018	1258.15	21.38961	-0.028607965	4918	-0.035703831
6/12/2009	56.19	-0.193761	-0.028617904	4919	0.041246781
7/25/2005	69.70	-0.182729	-0.02866721	4920	0.028830972
4/9/2012	85.28	-0.143055	-0.028709374	4921	0.000198927
2/23/2011	99.52	0.923032	-0.028772593	4922	-0.031766996
10/18/2004	51.75	-0.097703	-0.028795208	4923	-0.072344067
4/21/2005	57.35	-0.933383	-0.028805383	4924	0.039625376
9/16/2015	860.95	36.92325	-0.028899268	4925	-0.006026756
2/14/2003	22.70	-0.582	-0.028925521	4926	0.029408669
7/21/2009	54.31	-0.274623	-0.028927269	4927	-0.037133075
7/11/2008	74.87	-0.920921	-0.02903168	4928	-0.029154312
2/9/2016	946.84	9.328317	-0.02907137	4929	0.042451882
7/27/2012	91.67	2.795761	-0.029112599	4930	0.013495995
2/10/2003	24.15	-0.708448	-0.029126145	4931	0.021461187
3/1/2013	82.84	1.758646	-0.02914853	4932	0.02090205
1/22/2004	30.03	-0.732925	-0.029151868	4933	-0.047635923
5/4/2010	112.44	0.301202	-0.029272371	4934	0.015553271
12/4/2009	86.41	-0.898317	-0.029282284	4935	-0.004796982
3/29/2016	849.79	5.901214	-0.029319418	4936	-0.014470522
1/19/2010	123.14	2.88217	-0.029352516	4937	0.00742575
2/20/2009	31.72	-0.559785	-0.029360814	4938	-0.012213982
3/3/2008	72.05	-0.143962	-0.029382926	4939	-0.021331925
3/22/2013	84.17	0.241508	-0.029434048	4940	-0.016445585

4/21/2006	67.80	-0.35712	-0.029447856	4941	0.007720377
1/28/2011	105.46	-0.823135	-0.029595846	4942	-0.004849511
10/10/2019	596.25	4.803801	-0.029635446	4943	-0.04914484
12/3/2012	102.74	0.188907	-0.02967243	4944	0.033616971
11/21/2007	86.41	-0.984731	-0.029796196	4945	0.029662862
12/17/2021	5659.23	1.156999	-0.029827859	4946	0.018435109
3/18/2021	2623.66	48.37716	-0.029833753	4947	0.038940298
10/12/2004	53.14	-0.895762	-0.029841681	4948	-0.041663209
4/23/2015	509.75	-0.609183	-0.02992071	4949	0.015812498
7/19/2018	1304.32	11.91785	-0.029922459	4950	0.027263954
6/1/2010	100.97	-0.027374	-0.029937734	4951	-0.003410214
2/5/2010	103.81	-0.963012	-0.030031006	4952	-0.018646679
2/2/2021	2806.60	40.2831	-0.030036049	4953	0.04549248
11/7/2005	67.98	-0.340442	-0.030080889	4954	0.01266122
7/25/2011	103.08	-0.874765	-0.030097516	4955	0.013259889
5/24/2016	823.05	7.550234	-0.030110616	4956	0.026903772
3/7/2011	96.26	2.148255	-0.030120538	4957	0.003050618
12/16/2002	30.58	-0.995832	-0.030132781	4958	-0.001725362
10/23/2023	7336.45	11.29729	-0.030134539	4959	0.024589876
7/30/2019	596.59	-0.356789	-0.030151055	4960	-0.035680351
12/10/2018	927.52	12.77163	-0.030306054	4961	0.056245227
4/12/2006	67.35	1.298322	-0.030355225	4962	0.031317773
1/6/2003	29.30	-0.672613	-0.030367607	4963	-0.059278007
12/7/2006	89.51	-0.370503	-0.030472524	4964	-0.014845339
12/12/2013	142.19	2.531818	-0.030515716	4965	0.003308337
8/2/2004	40.26	-0.933547	-0.030521934	4966	-0.033814778
8/29/2019	605.84	4.660688	-0.030527184	4967	0.022239016
2/4/2010	107.03	-0.902009	-0.030534289	4968	0.019466434
10/4/2018	1092.20	33.05301	-0.030613151	4969	-0.014279903
5/25/2004	32.07	-0.460652	-0.030656824	4970	-0.009839988
8/7/2009	59.47	0.669688	-0.030665289	4971	-0.051856185
7/7/2004	35.62	0.111558	-0.030674592	4972	0.025556268
9/18/2002	32.04	-0.988446	-0.030687016	4973	-0.011615078
4/13/2021	2773.20	1.965911	-0.030719082	4974	0.005668506
2/2/2018	935.03	13.3242	-0.030792475	4975	-0.029161102
4/13/2006	65.28	-0.889869	-0.030796676	4976	-0.008982184
11/2/2016	592.71	8.09203	-0.030809082	4977	0.005309762
1/30/2006	65.19	-0.913308	-0.030836141	4978	-0.023208959
7/25/2016	751.98	0.125035	-0.030893237	4979	-0.006848131
2/15/2017	668.40	6.344986	-0.030901274	4980	0.026405794
2/23/2012	91.00	-0.987198	-0.030904613	4981	-0.020239895
1/21/2022	7108.48	7.728181	-0.03092012	4982	0.003066036
11/5/2015	814.43	0.243536	-0.030926798	4983	0.011539361
7/22/2019	654.93	-0.89619	-0.030935823	4984	-0.026306992
11/18/2021	6308.91	-0.175459	-0.030985116	4985	0.02667874

7/13/2022	7651.42	95.28682	-0.030987723	4986	-0.020747227
9/3/2013	79.46	-0.717004	-0.031105034	4987	0.006091729
12/5/2014	280.80	-0.964783	-0.031122633	4988	0.027673088
5/30/2022	7973.27	85.09398	-0.031210691	4989	-0.044690444
11/11/2011	92.61	-0.01376	-0.031243114	4990	-0.018711978
2/22/2012	93.90	-0.067054	-0.031250194	4991	-0.018003498
6/15/2011	100.65	-0.895078	-0.031349031	4992	-0.020984682
12/6/2018	959.31	8.565182	-0.031377153	4993	0.052017357
12/7/2012	100.29	-0.893906	-0.031394858	4994	0.020300674
11/12/2018	945.31	14.41541	-0.031403388	4995	0.033704283
8/3/2006	61.32	1.297097	-0.031496438	4996	0.0246459
7/9/2003	26.70	-0.016024	-0.031541961	4997	0.031740507
10/28/2002	27.13	-0.720255	-0.031609269	4998	-0.019889858
8/30/2010	96.98	0.307831	-0.031700358	4999	0.026714505
9/21/2005	74.16	-0.361364	-0.031781392	5000	0.025018782
10/27/2010	116.12	2.030027	-0.031803395	5001	0.001545256
10/15/2008	38.32	-0.995869	-0.031844012	5002	-0.026203103
8/26/2022	9276.28	108.4161	-0.031853829	5003	-0.01851214
4/22/2013	84.78	-0.020964	-0.031888462	5004	-0.019887922
2/27/2012	86.60	-0.681588	-0.031967916	5005	0.007823706
10/16/2014	271.96	1.489106	-0.032101475	5006	-0.048829953
5/7/2010	109.26	-0.860849	-0.032118047	5007	0.014472486
12/26/2019	785.19	27.02668	-0.032125898	5008	0.041548993
10/25/2002	28.02	-0.775504	-0.032258022	5009	0.00054994
1/5/2011	124.80	3.180535	-0.032294433	5010	0.038853809
9/30/2002	29.85	-0.631574	-0.032359129	5011	0.032898976
12/12/2011	81.02	0.958822	-0.03238053	5012	-0.018181302
7/9/2002	41.36	-0.953857	-0.032391665	5013	-0.003744014
2/27/2020	896.43	17.04301	-0.032445936	5014	-0.015003164
12/10/2004	49.68	0.85326	-0.032478098	5015	0.006285294
3/15/2004	26.81	-0.660553	-0.03253943	5016	0.00938727
6/3/2013	78.98	-0.118718	-0.032602909	5017	-0.015250683
12/19/2006	89.62	-0.125946	-0.032673497	5018	0.00532736
2/18/2011	102.53	-0.825793	-0.032678423	5019	-0.03678354
8/13/2019	588.55	5.002848	-0.032699918	5020	-0.018591447
10/19/2012	98.04	-0.834629	-0.0327162	5021	-0.016081596
10/26/2016	592.87	3.82402	-0.032791857	5022	0.025515129
4/28/2010	122.90	-0.985723	-0.032850213	5023	-0.034724292
12/20/2023	8608.35	9.041492	-0.032851208	5024	-0.011828059
10/8/2015	857.28	28.19047	-0.032869837	5025	0.055535823
2/23/2004	29.37	0.193717	-0.032873913	5026	-0.003256805
7/21/2003	24.60	-0.737677	-0.032911452	5027	-0.019862041
8/31/2010	93.79	-0.048505	-0.032950641	5028	0.089162708
10/5/2012	98.57	0.075955	-0.032962417	5029	0.032399567
1/18/2008	91.61	1.89845	-0.033000757	5030	0.020983843

6/23/2004	31.61	-0.965719	-0.033004861	5031	0.037733146
3/19/2018	921.98	-0.836203	-0.033127571	5032	0.007210604
12/6/2021	5628.83	65.46907	-0.033134064	5033	0.050175264
12/11/2006	84.68	-0.91179	-0.033136653	5034	0.013890755
2/4/2016	960.02	9.368337	-0.033140027	5035	-0.006684327
12/17/2007	92.59	-0.904024	-0.033213103	5036	0.031731127
2/1/2018	964.73	12.20496	-0.033213824	5037	0.023999356
12/20/2005	73.06	-0.991209	-0.033340921	5038	-0.037042373
1/18/2024	8310.70	9.140124	-0.033392219	5039	-0.033931798
11/10/2015	819.59	13.2595	-0.033460618	5040	-0.010652512
7/17/2006	57.48	-0.312029	-0.033532957	5041	-0.036920444
3/22/2012	83.54	0.037895	-0.033570148	5042	0.027297731
8/18/2011	80.49	1.443594	-0.033570595	5043	0.019612235
1/13/2009	32.94	-0.534927	-0.033664424	5044	0.02280988
7/14/2005	70.83	-0.361788	-0.033676194	5045	0.030538682
12/3/2010	110.98	0.033206	-0.03374593	5046	0.025835487
12/8/2010	107.41	0.465988	-0.033753907	5047	-0.00872168
12/19/2011	73.27	0.294452	-0.033798776	5048	-0.018558526
3/16/2005	56.60	0.062617	-0.033874128	5049	-0.014699319
11/4/2004	53.27	-0.978092	-0.033877715	5050	-0.032802272
1/25/2021	2431.45	73.75812	-0.033945875	5051	-0.025283934
9/6/2002	32.52	-0.932371	-0.033955116	5052	0.012083102
11/21/2016	480.92	1.952017	-0.034095072	5053	-0.023936136
1/24/2014	162.91	5.379651	-0.034098377	5054	0.003937065
1/24/2003	25.54	-0.742933	-0.034104865	5055	-0.042459841
3/28/2007	99.34	2.899875	-0.034106459	5056	0.011415295
3/18/2004	25.47	-0.016169	-0.034187738	5057	0.036465963
3/16/2004	25.89	-0.513038	-0.034234304	5058	0.047358368
7/21/2006	53.17	-0.910272	-0.034282172	5059	0.007125341
8/1/2019	592.54	-0.206718	-0.034309502	5060	-0.009651064
7/28/2015	746.95	26.56471	-0.034319774	5061	-0.011664139
10/22/2003	27.10	-0.741758	-0.034423324	5062	-0.013107874
1/7/2008	104.93	-0.989196	-0.034453847	5063	0.022566483
8/22/2022	9712.56	332.0884	-0.034525857	5064	-0.029607524
7/30/2002	29.16	-0.967073	-0.034648385	5065	-0.016279068
1/24/2019	885.58	-0.893324	-0.034650442	5066	-0.012973953
4/12/2022	8301.56	-0.039118	-0.034656786	5067	0.01712212
9/2/2022	8639.52	146.5853	-0.034705086	5068	0.012490308
6/28/2006	58.54	-0.899938	-0.034765245	5069	-0.037521497
4/1/2020	585.03	-0.359458	-0.034811615	5070	0.014679934
11/16/2018	913.33	22.27654	-0.034844076	5071	-0.022865821
1/6/2004	39.24	-0.86669	-0.034851548	5072	-0.002763248
9/23/2014	294.34	-0.685982	-0.034865741	5073	-0.010469787
3/7/2018	937.33	-0.225232	-0.034947438	5074	0.006158049
6/28/2018	1209.82	12.83487	-0.034998077	5075	-0.02504349

11/8/2007	87.45	0.067277	-0.035098322	5076	-0.011244186
10/3/2011	81.94	1.37346	-0.035170736	5077	0.017867845
1/9/2009	34.52	0.151469	-0.03522595	5078	0.020861392
10/9/2002	29.98	-0.861786	-0.035233051	5079	0.013063219
5/16/2014	216.91	-0.962551	-0.035234429	5080	0.020957467
12/23/2022	5792.19	56.7238	-0.03523499	5081	0.021008119
3/10/2011	100.34	-0.028598	-0.035282537	5082	0.031375564
10/16/2007	103.30	3.696588	-0.035308182	5083	0.003181545
3/7/2003	21.99	-0.965151	-0.035310798	5084	0.011235656
3/9/2015	631.12	15.85803	-0.035318743	5085	-0.037687572
10/17/2008	37.44	0.333222	-0.035385262	5086	0.04309538
9/12/2003	28.08	-0.670968	-0.035398333	5087	0.020056348
11/23/2006	85.34	-0.261308	-0.035419736	5088	-0.010169799
1/22/2010	115.53	-0.894323	-0.03550386	5089	-0.043626733
6/5/2018	1093.26	0.725753	-0.035511058	5090	0.016827236
12/22/2016	633.50	26.92394	-0.035536843	5091	-0.059610367
3/24/2003	22.69	-0.972197	-0.035591996	5092	0.009643798
3/13/2020	815.98	6.92067	-0.035696008	5093	0.020047102
7/23/2012	103.02	0.161043	-0.035736188	5094	-0.019057946
7/24/2013	88.73	0.446322	-0.035749096	5095	0.004565101
8/6/2009	61.35	-0.989912	-0.035777958	5096	0.030773053
2/28/2023	6081.57	152.409	-0.036084466	5097	0.019005866
8/6/2004	39.64	-0.994036	-0.036090823	5098	-0.052707082
2/21/2022	6646.77	66.66795	-0.036146271	5099	-0.01402539
12/11/2009	98.23	-0.875886	-0.036153888	5100	-0.032394995
6/24/2016	791.42	14.92411	-0.036214153	5101	-0.027895143
10/25/2004	49.70	-0.991042	-0.036222732	5102	0.021608997
9/21/2021	5547.98	47.78444	-0.036310229	5103	0.002715253
4/23/2007	113.72	-0.986571	-0.036360999	5104	0.036598517
9/26/2022	8468.41	336.1489	-0.036388883	5105	0.037568683
8/25/2003	25.12	-0.118644	-0.036442242	5106	-0.014705712
4/19/2004	28.50	-0.22943	-0.036472303	5107	-0.01139595
7/19/2002	36.98	0.026822	-0.036493078	5108	0.008754369
12/16/2003	36.02	-0.952978	-0.036606216	5109	0.015483149
8/10/2017	765.99	-0.099234	-0.036678499	5110	0.00317076
5/2/2019	850.38	6.324993	-0.036758478	5111	0.022957927
4/17/2007	116.09	3.179836	-0.036785342	5112	0.032868555
11/20/2003	27.77	-0.995157	-0.036850955	5113	-0.021898128
10/25/2021	5734.80	149.3481	-0.036984205	5114	0.048856471
7/11/2002	38.14	-0.941236	-0.036992173	5115	0.0169473
4/13/2020	649.10	6.318565	-0.037021222	5116	-0.01363688
9/9/2011	88.69	2.78849	-0.0370286	5117	-0.015642073
3/4/2003	23.41	-0.750634	-0.037086295	5118	0.001461752
8/5/2011	93.88	-0.897102	-0.037149564	5119	-0.024278373
2/6/2018	912.38	6.639164	-0.037209942	5120	-0.034774108

1/7/2011	119.43	0.730526	-0.037227948	5121	-0.009529429
4/22/2008	69.02	-0.871389	-0.037271786	5122	0.020090714
6/29/2015	536.63	-0.924787	-0.037334324	5123	0.022724783
5/9/2022	7134.74	59.20348	-0.037386825	5124	-0.009897297
1/20/2010	118.51	0.102836	-0.037561934	5125	0.01656536
10/8/2007	107.46	0.277538	-0.037603521	5126	0.019524663
5/3/2006	84.11	-0.260758	-0.037654521	5127	-0.004516151
7/24/2007	113.79	3.047489	-0.037811359	5128	-0.00529965
4/30/2004	28.11	-0.975037	-0.038016548	5129	0.023858605
9/26/2018	1126.17	3.22601	-0.038131115	5130	0.006638147
9/16/2014	266.48	-0.52116	-0.038133468	5131	-0.001805455
11/9/2016	556.52	2.130923	-0.038204282	5132	0.045501565
1/7/2014	177.75	-0.332016	-0.038261317	5133	-0.011309843
3/11/2014	266.10	4.653322	-0.03833387	5134	-0.042607185
10/3/2008	47.07	-0.31813	-0.038432184	5135	-0.014989311
12/26/2005	69.03	-0.924861	-0.038443063	5136	-0.031339512
10/9/2018	918.70	10.22625	-0.038482538	5137	-0.001265052
11/8/2006	81.83	1.466056	-0.038493725	5138	0.008398971
8/27/2002	33.18	0.189953	-0.038713007	5139	0.000244341
11/14/2003	27.89	-0.964551	-0.038845405	5140	0.011537486
7/15/2019	786.69	-0.350273	-0.038846296	5141	0.013466436
9/22/2020	1210.80	8.449375	-0.038855511	5142	0.004303429
11/12/2010	128.14	1.361679	-0.038966929	5143	0.006712253
6/17/2009	54.26	-0.962235	-0.03898711	5144	-0.001821072
11/10/2020	1436.65	13.25286	-0.039039514	5145	0.047998461
2/20/2007	100.80	-0.895393	-0.039042501	5146	-0.048377428
1/7/2016	963.58	11.63837	-0.039086686	5147	-0.003064338
8/5/2013	76.24	-0.215737	-0.039199118	5148	-0.086581332
1/22/2013	97.22	2.083661	-0.039241008	5149	-0.039273067
1/30/2004	31.53	-0.996068	-0.039254157	5150	0.015859611
5/25/2022	8017.20	108.0687	-0.039752181	5151	-0.073783438
6/10/2008	73.51	-0.872229	-0.039886111	5152	0.001135799
4/17/2015	575.30	-0.248651	-0.040216655	5153	-0.031085594
9/25/2017	765.68	11.40486	-0.040245374	5154	0.01125502
8/5/2008	61.72	-0.295138	-0.040362526	5155	-0.034723731
8/9/2011	87.57	2.018684	-0.040389893	5156	-0.021569804
3/5/2009	29.01	-0.996086	-0.04044807	5157	-0.000769633
5/6/2022	7411.85	7.009887	-0.040658309	5158	0.000980795
10/11/2018	925.34	16.36574	-0.040676708	5159	-0.00720054
10/15/2004	53.29	-0.912831	-0.040828444	5160	0.025160284
9/17/2019	611.28	-0.259379	-0.040891922	5161	-0.012806375
2/12/2016	825.37	-0.805684	-0.041077804	5162	0.00765392
7/16/2021	4247.55	3.790957	-0.041106741	5163	0.010506102
9/15/2015	886.58	8.079828	-0.041116566	5164	0.00612606
2/9/2011	97.64	-0.882409	-0.041295614	5165	-0.062077702

1/28/2019	830.36	7.908502	-0.041301382	5166	0.036961747
1/11/2008	93.21	0.801014	-0.041316183	5167	0.051277393
5/21/2009	51.75	-0.265028	-0.041463442	5168	0.021337561
7/16/2008	70.42	-0.856628	-0.04148516	5169	-0.000917854
6/8/2015	491.14	-0.937884	-0.041502317	5170	0.023815971
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