

Loading Modules

```
In [1]: import requests
import json
from collections import OrderedDict
from datetime import datetime
from __future__ import print_function
import mysql.connector
from mysql.connector import errorcode
import numpy_financial
from tabulate import tabulate
import time
```

Loading shared functions and variables from other files

```
In [2]: %run ../Functions_Folder/Functions.ipynb
%run ../Functions_Folder/Forecasting_Functions.ipynb
%run ../Functions_Folder/Personal_Folder/Personal_Information.ipynb
```

Creating table Company_Info: already exists.
 Creating table CalcTable: already exists.
 Creating table Yahoo_Forecast: already exists.
 Creating table futureEarningsDate: already exists.

Creating a stock screener from the Database storing the all SEC and Stock Analyst Information

```
In [3]: cnx = mysql.connector.connect(user= MySQL_username, password = MySQL_password, database
cursor = cnx.cursor()

query = ("Select calctable.Ticker as Ticker, calctable.CIK as CIK "
        "From calctable "
        "inner join yahoo_forecast on yahoo_forecast.CIK = calctable.CIK "
        "Where (val > 0 and form = '5YoYAvg' and TableRef = 'Revenue' and frame Like 'T'
        "or (val > 0 and form = '3YoYAvg' and TableRef = 'Revenue' and frame Like 'TTM%'
        "or (val > 0 and form = '1YoYAvg' and TableRef = 'Revenue' and frame Like 'TTM%'
        "or (val > 0 and form = '5YoYAvg' and TableRef = 'earnings_per_share' and frame
        "or (val > 0 and form = '3YoYAvg' and TableRef = 'earnings_per_share' and frame
        "or (val > 0 and form = '1YoYAvg' and TableRef = 'earnings_per_share' and frame
        "or (10 > val and val > 0 and form = '5Avg' and TableRef = 'total_ltl_per_lfcf'
        "or (10 > val and val > 0 and form = '3Avg' and TableRef = 'total_ltl_per_lfcf'
        "or (10 > val and val > 0 and form = '1Avg' and TableRef = 'total_ltl_per_lfcf'
        "group by calctable.Ticker "
        "having count(calctable.Ticker) >= 1 ")

cursor.execute(query)
List_of_Companies = []
for (Ticker, CIK) in cursor:
    List_of_Companies.append(Ticker)

print(len(List_of_Companies))
# print(List_of_Companies)
```

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Removing companies that I don't want to be seen

```
In [4]: Remove = ["NFE", "RNR", "KOS", "ESTE", "LTRX", "HLIT", "ROCC", "CHDN", "ATLC", "HCI",
                  "BWEN", "FOCS", "RICK", "REI", "RE", "DLHC", "FOUR", "PLX", "GNK", "VTNR", "R",
                  "THRN", "ASRT", "PFSI", "NE", "GTLS", "ULCC", "CIVI"]
```

```

for item in Remove:
    try:
        List_of_Companies.remove(item)
    except:
        x = 1

```

Grab and update the current Yahoo Analyst reports

```

In [5]: #List_of_Companies[-742:]
        Updating_Yahoo_Table(List_of_Companies)

```

We have 0 companies remaining! We are 100.0% done!

Calcaute the Fair Market Value for each company and sort by the Ticker symbol that is the best price range for based on its discounted price

```

In [6]: error_list = []
        counter = 0
        Data = []
        Header = ['Ticker', 'Perc w/ 83%', 'Forecast', 'Price', 'FMV*83%', 'Ending_PE', 'Current

        List = List_of_Companies

        for Ticker in List:
            print
            counter = counter +1
            try:
                Sect_and_Industry = Identifying_Sector_and_Industry(Ticker)
                Sector = Sect_and_Industry[1]
                Industry = Sect_and_Industry[2]
                NPV_Data = NPV_Function(Ticker)
                NPV = NPV_Data[1]
                perc = NPV_Data[2]
                Forecast = NPV_Data[3]
                Price = NPV_Data[4]
                Ending_PE = NPV_Data[7]
                Current_PE = NPV_Data[8]
                CAGRbySetYears = NPV_Data[9]
                D1 = NPV_Data[10]

                Row = [Ticker, perc, Forecast, Price, round((Price+NPV)*.83,2), round(Ending_PE
                Data.append(Row)
            except TypeError:
                # This is for missign data in yahoo forecast
                x=1
            except Exception as err:
                print(err, Ticker)
                error_list.append(Ticker)

            perc = round((counter /len(List))*100,2)
            string = ""We have {} companies remaining! We are {}% done!
            print(string, end='\r')

        Sort_data = Data
        Sort_data.sort(key = lambda i: i[1])
        Sort_data.reverse()
        Improved_Data = []

```

```
Improved_Data.append(Header)
for items in Sort_data:
    Improved_Data.append(items)
print("")
print("")
print(tabulate(Improved_Data, headers='firstrow'))
```

We have 0 companies remaining! We are 100.0% done!

Ticker or	Perc w/ 83%	Forecast	Price	FMV*83%	Ending_PE	Current_PE	Sect or
----	-----	-----	-----	-----	-----	-----	----
HALO	35.92	26	37.3	50.7	13.27	13.97	Heal
thc							
ARRY	32.22	31	19.29	25.51	14.11	18.54	Tech
no1							
LTHM	31.16	25.1	16.58	21.75	7.47	7.86	Basi
c M							
NVDA	17.17	49.5	436.76	511.76	14.11	40.52	Tech
no1							
HRMY	15.2	21.9	31.96	36.82	11.72	12.34	Heal
thc							
CSIQ	14.2	21.7	22.08	25.22	3.74	3.94	Tech
no1							
SHLS	9.81	36.4	15.85	17.41	14.11	27.33	Tech
no1							
AMPH	9.57	22	45.45	49.8	15.15	16.83	Heal
thc							
PLMR	8.49	19.9	48.72	52.85	14.31	14.72	Fina
nci							
AMRC	-9.57	17.4	33.86	30.62	16.74	18.6	Indu
str							
OWL	-10.51	21.21	12.66	11.33	14.79	19.47	Fina
nci							
LI	-13.58	54.8	34.68	29.97	10.54	48.85	Cons
ume							
ERF	-13.92	15	16.45	14.16	8.02	8.44	Ener
gy							
LGIH	-16.45	14.83	96.59	80.7	10.54	11.35	Cons
ume							
RC	-16.82	14.21	9.41	7.83	6.2	6.53	Real
Es							
RYAN	-18.59	17.7	48.16	39.21	27.92	34.9	Fina
nci							
LOVE	-19.38	13.5	18.1	14.59	8.91	9.38	Cons
ume							
HDSN	-20.06	13.3	13.01	10.4	10.48	11.03	Basi
c M							
BAND	-20.6	13.8	10.85	8.62	14.11	15.28	Tech
no1							
ECPG	-21.16	13	47.34	37.33	9.53	10.03	Fina
nci							
MOH	-22.27	13.9	321.88	250.2	13.92	15.47	Heal
thc							
CMBM	-23.22	12.4	7.74	5.94	11.31	11.91	Tech
no1							
HQY	-23.48	13.1	72.37	55.38	32.88	35.82	Heal
thc							
PX	-23.89	12.2	11.68	8.89	13.37	14.07	Fina
nci							
ISSC	-23.95	20	7.4	5.63	16.74	24.67	Indu
str							
DOCN	-24.54	11.9	22.47	16.96	14.11	14.78	Tech
no1							

HI str	-24.58	12	41.62	31.39	11.43	12.03	Indu
BRP nci	-24.76	14.5	22.24	16.73	15.86	18.69	Fina
SEDG nol	-24.88	18	118.03	88.66	9.31	12.77	Tech
VSEC str	-25.1	13.8	50.59	37.89	14.5	16.64	Indu
EXTR nol	-25.37	12.6	23.9	17.84	14.11	15.42	Tech
LPLA nci	-25.45	11.8	230.58	171.89	13.45	14.2	Fina
RCMT str	-25.59	11.7	18.84	14.02	9.62	10.13	Indu
TZOO uni	-25.62	11.7	5.39	4.01	6.64	6.99	Comm
EVH thc	-26.21	19.9	25.86	19.08	32.88	49.73	Heal
AL str	-26.23	11.5	36.68	27.06	7.76	8.17	Indu
NOAH nci	-26.56	11.4	11.9	8.74	4.94	5.2	Fina
KBR str	-26.7	13.8	57.16	41.9	16.74	19.64	Indu
DZSI nol	-26.82	11.3	1.86	1.36	6.31	6.64	Tech
ARES nci	-26.9	24.3	100.31	73.33	14.79	27.04	Fina
CI thc	-27.23	11.2	281.78	205.06	10.79	11.36	Heal
KKR nci	-28.94	13.13	59.07	41.97	14.79	17.37	Fina
ATEN nol	-29.16	10.6	10.51	7.45	12.47	13.13	Tech
RPAY nol	-29.27	10.59	6.56	4.64	7.5	7.9	Tech
INCY thc	-29.5	11.7	57.78	40.74	14.53	16.14	Heal
CRS str	-29.64	10.6	64.59	45.44	16.74	17.74	Indu
GS nci	-29.64	10.45	303.98	213.87	11.52	12.13	Fina
MTDR gy	-29.8	10.4	54.61	38.34	7.88	8.29	Ener
SNCY str	-29.81	10.4	14.19	9.96	9.63	10.14	Indu
CRK gy	-29.81	20	10.17	7.14	9.79	15.65	Ener
INTT nol	-29.89	9.4	14.36	10.07	14.11	14.21	Tech
FLR str	-30.69	9.1	34.99	24.25	16.74	16.82	Indu
SHBI nci	-31.05	10	10.04	6.92	7.57	7.97	Fina
TGNA uni	-31.05	10	13.82	9.53	7.1	7.47	Comm
NMRK Es	-31.08	10	5.72	3.94	6.03	6.35	Real
BANC nci	-31.11	10	11.53	7.94	8.9	9.37	Fina
PCRX thc	-31.71	9.8	28.72	19.61	8.64	9.09	Heal
SAMG nci	-31.72	9.8	15.68	10.71	10.2	10.74	Fina
UTHR	-32	9.7	220.42	149.88	10.82	11.39	Heal

thc							
TRV	-32.01	9.7	160.49	109.12	12.43	13.08	Fina
nci							
TRGP	-32.03	18.8	78.95	53.66	9.79	15.36	Ener
gy							
STRL	-32.26	9.4	71.37	48.35	16.74	17.45	Indu
str							
MDC	-32.32	9.6	39.55	26.77	7.51	7.91	Cons
ume							
INMD	-32.6	13.8	27.94	18.83	8.2	10.46	Heal
thc							
G	-32.62	9.5	35.56	23.96	11.57	12.18	Tech
nol							
MA	-32.71	13.3	390.49	262.76	25.67	32.09	Fina
nci							
LNTH	-32.92	9.4	73.65	49.4	12.32	12.97	Heal
thc							
VEEV	-33.04	14.3	201.95	135.23	32.88	43.15	Heal
thc							
NVT	-33.14	9.4	51.26	34.27	16.74	17.68	Indu
str							
AXP	-33.24	9.3	144.93	96.76	12.41	13.06	Fina
nci							
VIAV	-33.79	9.2	8.65	5.73	14.11	14.91	Tech
nol							
BSIG	-33.84	9.1	18.34	12.13	11.17	11.76	Fina
nci							
HEES	-33.85	9.1	40.78	26.98	8.88	9.35	Indu
str							
SF	-33.86	9.1	57.9	38.3	9.8	10.32	Fina
nci							
MRTN	-33.91	8.8	19.14	12.65	16.74	17.4	Indu
str							
CCS	-33.96	9.06	62.97	41.58	9.29	9.78	Cons
ume							
FMBH	-34.17	9	26.05	17.15	8.22	8.65	Fina
nci							
CHEF	-34.28	9.4	19.79	13.01	13.95	14.99	Cons
ume							
FLT	-34.46	8.7	250.65	164.27	14.11	14.72	Tech
nol							
ALGT	-34.46	8.9	73.55	48.21	7.62	8.02	Indu
str							
PYPL	-34.46	8.9	57.8	37.88	11.07	11.65	Fina
nci							
WD	-34.71	10	68.29	44.59	14.43	16.03	Fina
nci							
EXPE	-34.75	8.8	99.21	64.73	9.88	10.4	Cons
ume							
SY	-34.79	8.91	0.98	0.64	11.64	12.25	Heal
thc							
MHO	-35.04	8.7	79.43	51.6	4.47	4.71	Cons
ume							
RJF	-35.05	8.7	95.39	61.96	10.68	11.24	Fina
nci							
EXEL	-35.06	12.5	21.69	14.09	23.77	29.71	Heal
thc							
PNTG	-35.28	7.6	10.85	7.02	15.21	15.28	Heal
thc							
PCTI	-35.4	10	4.6	2.97	14.11	15.86	Tech
nol							
EQT	-35.4	22.5	39.38	25.44	9.79	18.84	Ener
gy							
MTZ	-35.59	7.7	66.18	42.63	16.74	16.97	Indu
str							

MEDP	-35.63	12.3	240.13	154.57	22.95	28.69	Heal
thc							
HASI	-35.65	8.5	15.98	10.28	6.9	7.26	Real
Es							
EEFT	-35.65	8.5	77.1	49.62	10.05	10.58	Tech
no1							
FA	-35.69	8.5	13.81	8.88	12.85	13.53	Indu
str							
KNX	-35.77	14	48.16	30.93	16.74	22.61	Indu
str							
B	-35.78	10	32.79	21.06	13.82	15.61	Indu
str							
STER	-35.92	8.4	13.03	8.35	10.86	11.43	Tech
no1							
WRB	-35.94	8.4	62.65	40.13	12.61	13.27	Fina
nci							
DH	-35.98	12.2	7.52	4.81	24.05	30.06	Heal
thc							
CAKE	-36.04	7.5	29.21	18.68	10.54	10.66	Cons
ume							
DCO	-36.12	8.1	42.89	27.4	16.74	17.43	Indu
str							
TTMI	-36.28	7.5	12.7	8.09	11.69	11.87	Tech
no1							
FOXA	-36.41	8	29.8	18.95	9.12	9.49	Comm
uni							
HBIO	-36.48	9.4	4.26	2.71	17.42	19.36	Heal
thc							
MITK	-36.81	8.1	10.81	6.83	10.7	11.26	Tech
no1							
UFPI	-36.83	8.1	100.06	63.21	11.55	12.16	Basi
c M							
PFS	-37.1	8	14.91	9.38	7.5	7.89	Fina
nci							
LRN	-37.11	7.2	45.56	28.65	13.95	14.15	Cons
ume							
AUB	-37.12	8	27.89	17.54	9.26	9.75	Fina
nci							
SM	-37.12	8	36.38	22.87	6.13	6.45	Ener
gy							
NMIH	-37.12	8	26.61	16.73	6.89	7.25	Fina
nci							
CHRD	-37.13	8	152.51	95.89	7.69	8.1	Ener
gy							
SMCI	-37.3	10	272.82	171.05	14.11	16.33	Tech
no1							
HUM	-37.33	9.1	486.42	304.85	15.47	17.19	Heal
thc							
RRX	-37.41	7.9	136.73	85.58	12.72	13.39	Indu
str							
BXC	-37.41	7.9	77.2	48.32	7.09	7.46	Indu
str							
FVRR	-37.44	16.3	24.44	15.29	9.12	13.97	Comm
uni							
XYL	-37.58	15.4	89.77	56.03	16.74	24.73	Indu
str							
GIC	-37.59	8.4	33.66	21.01	16.74	18.09	Indu
str							
TECH	-37.61	11.6	66.5	41.49	27.14	33.93	Heal
thc							
ESNT	-37.68	7.8	46.75	29.13	7.02	7.39	Fina
nci							
RCKY	-37.72	7.8	13.94	8.68	8.95	9.42	Cons
ume							
RGP	-37.72	7.8	14.58	9.08	11.26	11.85	Indu

str							
DOX	-37.92	6.8	84.07	52.19	14.11	14.23	Tech
nol							
AGM	-37.99	7.7	149.09	92.45	9.24	9.73	Fina
nci							
RTX	-37.99	7.7	69.32	42.99	13.17	13.86	Indu
str							
FANH	-38.1	7.68	7.16	4.43	12.37	13.02	Fina
nci							
CNXC	-38.13	7.65	77.29	47.82	6.61	6.96	Tech
nol							
IMXI	-38.2	7.63	16.52	10.21	8.22	8.65	Tech
nol							
EE	-38.23	8.9	15.68	9.69	16.13	18.02	Util
iti							
RM	-38.27	7.6	26.73	16.5	6.9	7.26	Fina
nci							
TREE	-38.27	7.6	14.09	8.7	7.52	7.92	Fina
nci							
AMK	-38.28	7.6	23.95	14.78	10.07	10.6	Fina
nci							
LEA	-38.36	7.4	130.49	80.44	10.54	11.01	Cons
ume							
CVCO	-38.39	9.9	255.31	157.29	10.54	12.36	Cons
ume							
NAPA	-38.54	7.4	9.94	6.11	13.95	14.62	Cons
ume							
GPN	-38.55	7.5	111.43	68.47	10.2	10.74	Indu
str							
NFG	-38.56	7.5	50.5	31.03	9.22	9.71	Ener
gy							
POST	-38.57	11.1	84.34	51.81	13.95	17.32	Cons
ume							
PB	-38.79	8.8	51.69	31.64	10.02	11.24	Fina
nci							
BHE	-38.81	7.1	24.13	14.77	11.69	12.13	Tech
nol							
WEX	-38.84	7.4	184.37	112.76	12.23	12.87	Tech
nol							
CB	-38.84	7.4	205.29	125.55	10.5	11.05	Fina
nci							
CROX	-38.85	7.4	84.33	51.57	6.63	6.98	Cons
ume							
AVID	-38.89	10.9	26.88	16.43	14.11	17.45	Tech
nol							
ACGL	-39.01	11.4	78.84	48.08	9.19	11.65	Fina
nci							
STAA	-39.12	17	38.09	23.19	26.39	42.8	Heal
thc							
CIGI	-39.12	8.5	92.96	56.6	12.45	13.85	Real
Es							
ECVT	-39.17	7.3	9.62	5.85	11	11.58	Basi
c M							
PRIM	-39.27	8.1	30.34	18.43	12.37	13.54	Indu
str							
ATO	-39.31	7.5	103.97	63.1	16.13	17.19	Util
iti							
TTWO	-39.33	44.4	138.54	84.05	9.12	42.5	Comm
uni							
SHC	-39.34	8.4	14.38	8.72	15.97	17.75	Heal
thc							
EQH	-39.41	7.2	26.48	16.04	5.03	5.29	Fina
nci							
RHP	-39.41	7.2	81.68	49.49	13.29	13.99	Real
Es							

HRI	-39.42	7.2	107.48	65.11	7.68	8.08	Indu
str							
GD	-39.45	6.7	217.73	131.84	16.74	17.23	Indu
str							
RNGR	-39.57	6.3	13.57	8.2	9.79	9.91	Ener
gy							
AX	-39.7	7.1	36.13	21.79	6.31	6.64	Fina
nci							
V	-39.82	10.8	229.99	138.42	21.22	26.53	Fina
nci							
AVNW	-39.97	7	30.21	18.14	7.78	8.19	Tech
nol							
GVA	-39.98	7	36.69	22.02	11.54	12.15	Indu
str							
AXS	-39.99	7	54.91	32.95	6.18	6.51	Fina
nci							
CODI	-39.99	7	18.12	10.87	9.51	10.01	Indu
str							
CWK	-40.02	7	6.67	4	6.21	6.54	Real
Es							
KN	-40.02	8.4	14.6	8.76	14.11	15.87	Tech
nol							
ET	-40.11	6	13.11	7.85	9.79	9.86	Ener
gy							
HLNE	-40.18	15	86.9	51.98	14.79	22.4	Fina
nci							
MOV	-40.19	9.3	27.63	16.53	10.54	12.39	Cons
ume							
PR	-40.33	6	12.77	7.62	9.79	9.9	Ener
gy							
DGII	-40.41	6.7	26.1	15.55	12.73	13.31	Tech
nol							
DY	-40.49	7.6	85.19	50.7	12.37	13.5	Indu
str							
CC	-40.52	6.8	26.5	15.76	7.36	7.75	Basi
c M							
HIG	-40.52	6.8	69.2	41.16	8.38	8.82	Fina
nci							
PEBO	-40.79	6.7	25.01	14.81	6.99	7.36	Fina
nci							
TBBK	-40.81	6.7	33.96	20.1	8.86	9.33	Fina
nci							
HAYN	-40.81	6.7	44.9	26.58	12.84	13.52	Indu
str							
UAL	-40.83	6.7	40.86	24.18	3.73	3.93	Indu
str							
MCO	-40.89	10.4	308.12	182.12	24.46	30.57	Fina
nci							
TRS	-41.02	9.34	23.91	14.1	10.54	12.58	Cons
ume							
PMTS	-41.08	6.6	18.06	10.64	5.85	6.16	Fina
nci							
EXP	-41.09	6.6	163.79	96.5	11.18	11.77	Basi
c M							
DOCS	-41.15	10.3	21.14	12.44	21.14	26.43	Heal
thc							
JLL	-41.18	9	130.31	76.64	12.45	14.67	Real
Es							
MODV	-41.35	6.5	27.71	16.25	4.72	4.97	Heal
thc							
JAZZ	-41.35	6.5	126.21	74.02	6.45	6.79	Heal
thc							
TWOU	-41.41	6.5	2.21	1.29	11.05	11.63	Cons
ume							
RERE	-41.43	21	2.31	1.35	10.54	21	Cons

ume							
COHU	-41.5	12.5	33.88	19.82	14.11	19.58	Tech
no1							
CAMP	-41.52	6.1	0.44	0.26	2.61	2.75	Tech
no1							
BWA	-41.64	6.4	38.73	22.6	9.48	9.98	Cons
ume							
PNW	-41.65	6.2	70.82	41.33	16.13	16.82	Util
iti							
LKQ	-41.7	8.2	48.09	28.04	10.54	12.08	Cons
ume							
ZETA	-41.77	17.1	7.94	4.62	14.11	24.05	Tech
no1							
IQV	-41.79	7.5	191.29	111.34	16.73	18.59	Heal
thc							
TRU	-41.8	8.3	68.92	40.11	16.74	19.31	Indu
str							
ATI	-41.85	6.5	39.98	23.25	16.74	17.77	Indu
str							
RES	-41.9	6.3	8.3	4.82	6.68	7.03	Ener
gy							
TXT	-41.91	6.3	75.29	43.73	13.44	14.15	Indu
str							
EVTC	-41.93	6.3	36.59	21.25	12.45	13.11	Tech
no1							
BLD	-41.95	6	237.87	138.09	12.37	12.84	Indu
str							
FLIC	-41.98	5.8	11.03	6.4	10.02	10.31	Fina
nci							
RMD	-42.06	7.4	145.72	84.43	18.85	20.94	Heal
thc							
ENV	-42.07	11.7	40.63	23.54	14.11	19.08	Tech
no1							
CPK	-42.09	7	92.91	53.8	16.13	17.6	Util
iti							
ADEA	-42.16	6.2	8.84	5.11	6.37	6.7	Tech
no1							
ENS	-42.18	6.2	92.68	53.58	11.41	12.01	Indu
str							
ENPH	-42.34	15.4	113.5	65.45	14.11	22.56	Tech
no1							
BLK	-42.45	8.78	625.63	360.05	14.79	17.63	Fina
nci							
PFG	-42.46	6.1	67.29	38.72	9.9	10.42	Fina
nci							
BBSI	-42.46	6.1	91.13	52.44	12.75	13.42	Indu
str							
ENOV	-42.54	10.4	49.95	28.7	16.74	21.53	Indu
str							
PAYC	-42.62	20.7	258.28	148.21	16.74	33.67	Indu
str							
NSP	-42.68	8.6	96.01	55.03	16.74	19.88	Indu
str							
CPE	-42.7	6	33.97	19.46	4.28	4.51	Ener
gy							
VPG	-42.71	5.9	32.96	18.88	14.11	14.78	Tech
no1							
VRRM	-42.71	6	18.85	10.8	16.74	17.62	Indu
str							
SFM	-42.72	6.7	41.59	23.82	13.95	15.18	Cons
ume							
NVST	-42.72	6	26.75	15.32	13.74	14.46	Heal
thc							
ASO	-42.73	6	44.45	25.46	5.87	6.18	Cons
ume							

STGW uni	-42.75	6	4.19	2.4	5.03	5.3	Comm
COO thc	-42.87	7.1	312.51	178.55	21.94	24.38	Heal
CBAN nci	-42.96	5.9	9.75	5.56	7.47	7.86	Fina
SCHW nci	-43.03	8.26	50.95	29.03	13.45	15.82	Fina
MTRN c M	-43.05	10.1	97.59	55.58	13.26	16.97	Basi
PNR str	-43.07	5.1	63.39	36.09	16.74	16.99	Indu
UNH thc	-43.13	7	508.45	289.13	18.41	20.46	Heal
OMCL thc	-43.14	7	44.26	25.17	22.13	24.59	Heal
NXGN thc	-43.14	7	23.78	13.52	19.46	21.62	Heal
ICE nci	-43.16	6.99	107.59	61.15	17.26	19.18	Fina
NSIT nol	-43.21	6.1	142.8	81.1	14.11	15.05	Tech
BEKE Es	-43.23	11.37	15.41	8.75	12.45	16.93	Real
NEE iti	-43.24	5.4	51.96	29.49	16.13	16.65	Util
HCA thc	-43.27	5.8	242.42	137.52	12.49	13.15	Heal
FBIZ nci	-43.27	5.8	29.32	16.63	6.53	6.87	Fina
GHC ume	-43.28	5.1	579.86	328.92	13.95	14.21	Cons
VRNT nol	-43.29	5.8	22.07	12.52	8	8.42	Tech
ESI c M	-43.31	6.4	18.83	10.67	13.26	14.37	Basi
PM ume	-43.43	5.8	90.58	51.24	13.95	14.73	Cons
NGVT c M	-43.53	5.7	42.48	23.99	10.06	10.59	Basi
OMF nci	-43.53	5.7	37.32	21.07	6.37	6.7	Fina
POR iti	-43.53	5.7	39.42	22.26	14.02	14.76	Util
VECO nol	-43.57	10.8	26.9	15.18	14.11	18.81	Tech
VRTX thc	-43.66	6.8	347.57	195.81	21.27	23.63	Heal
ATR thc	-43.66	5	122.8	69.18	26.39	26.93	Heal
IBKR nci	-43.7	7.2	86.59	48.75	13.45	15.24	Fina
NBTB nci	-43.73	5	31.83	17.91	10.02	10.23	Fina
DOCU nol	-43.77	6.6	41.24	23.19	14.11	15.56	Tech
WB uni	-43.79	5.6	12.02	6.76	5.39	5.67	Comm
EMN c M	-43.8	5.6	74.85	42.06	10.58	11.14	Basi
ST nol	-43.8	5.6	37.16	20.88	9.46	9.96	Tech
GLW nol	-43.83	7.4	29.76	16.72	14.11	16.17	Tech
SKX	-43.89	10.7	48.12	27	10.54	14.07	Cons

ume							
PATK	-43.92	5.5	73.96	41.48	10.54	11.07	Cons
ume							
CACC	-43.93	6.7	429.42	240.78	17.42	19.36	Fina
nci							
DBX	-43.98	4.5	27.01	15.13	14.11	14.14	Tech
no1							
VOYA	-44.08	5.5	64.1	35.85	7.59	7.99	Fina
nci							
DFS	-44.08	5.5	86.51	48.38	6.4	6.74	Fina
nci							
AGTI	-44.11	5.5	5.48	3.06	10	10.53	Heal
thc							
ICFI	-44.12	7.1	119.84	66.96	16.74	19.02	Indu
str							
PIPR	-44.13	10	139.55	77.97	13.45	17.47	Fina
nci							
SBGI	-44.13	5.47	9.82	5.49	5.65	5.95	Comm
uni							
O	-44.16	11.7	48.84	27.27	26.99	37.86	Real
Es							
AVNT	-44.18	5.8	34.35	19.17	13.26	14.19	Basi
c M							
AGX	-44.27	8.4	44.74	24.93	12.37	14.96	Indu
str							
LAUR	-44.33	10.4	13.88	7.73	13.95	18.51	Cons
ume							
SCVL	-44.33	5.4	24.33	13.55	7.48	7.87	Cons
ume							
NI	-44.34	5.4	23.56	13.11	14.16	14.91	Util
iti							
AMP	-44.34	5.4	315.65	175.7	10.02	10.55	Fina
nci							
JAKK	-44.36	5.4	17.78	9.89	4.51	4.75	Cons
ume							
PNM	-44.4	4.5	43.13	23.98	15.7	15.85	Util
iti							
CRAI	-44.45	5.8	99.2	55.1	16.74	18	Indu
str							
NPO	-44.47	4.7	118.44	65.77	16.74	17.09	Indu
str							
HESM	-44.49	11.14	27.63	15.34	9.79	13.48	Ener
gy							
EXLS	-44.49	11.4	27.51	15.27	14.11	19.65	Tech
no1							
BLCO	-44.55	6.46	16.33	9.06	14.54	16.16	Heal
thc							
GATX	-44.55	4.3	105.42	58.46	15.11	15.15	Indu
str							
MYE	-44.56	5.4	17.38	9.64	10.54	11.14	Cons
ume							
UHS	-44.59	5.3	123.9	68.65	11.55	12.16	Heal
thc							
ALK	-44.59	5.3	35.83	19.85	6.23	6.56	Indu
str							
NXPI	-44.6	5.3	195.35	108.22	13.4	14.11	Tech
no1							
BOX	-44.6	7.5	24.54	13.6	14.11	16.47	Tech
no1							
VFC	-44.62	5.3	16.14	8.94	7.55	7.95	Cons
ume							
BBWI	-44.68	4.3	32.53	17.99	10.54	10.6	Cons
ume							
ACHC	-44.88	10	68.08	37.52	15.21	20.02	Heal
thc							

ICLR thc	-44.97	6.3	237.82	130.87	16.79	18.65	Heal
VMI str	-45.12	5.1	228.52	125.41	13.86	14.59	Indu
EVBG nol	-45.13	5.2	22.25	12.21	14.11	14.93	Tech
COLB nci	-45.13	5.1	18.68	10.25	6.12	6.44	Fina
MMSI thc	-45.23	6.2	67.18	36.79	20.99	23.32	Heal
FCFS nci	-45.23	6.2	100.08	54.81	16.14	17.93	Fina
SRT nol	-45.27	5	3.2	1.75	8.22	8.65	Tech
QRVO nol	-45.28	10	93.76	51.3	14.11	18.71	Tech
CSGS nol	-45.33	4.6	50.98	27.87	14.11	14.56	Tech
AEIS str	-45.34	9	99.58	54.43	16.74	21.23	Indu
CMTL nol	-45.34	5.1	8.2	4.48	14.11	14.91	Tech
ACR Es	-45.36	5	8.34	4.56	4.33	4.56	Real
CNA nci	-45.36	5	38.13	20.83	8.26	8.69	Fina
WASH nci	-45.37	5	25.22	13.78	9.36	9.85	Fina
SBOW gy	-45.37	5	31.42	17.16	4.47	4.71	Ener
OEC c M	-45.37	5	20.33	11.11	8.86	9.33	Basi
VRTS nci	-45.38	5	188.06	102.71	8.06	8.48	Fina
ZD uni	-45.38	4.9	60.36	32.97	9.12	9.55	Comm
BPOP nci	-45.38	5	60.74	33.18	7.32	7.71	Fina
CVLG str	-45.38	5	42.52	23.22	9.53	10.03	Indu
HOG ume	-45.38	5	31.03	16.95	6.43	6.77	Cons
MPAA ume	-45.39	5	7.63	4.17	7.88	8.29	Cons
MRC gy	-45.39	5	10	5.46	8.19	8.62	Ener
SWI nol	-45.4	5	9.44	5.15	11.49	12.1	Tech
NVMI nol	-45.47	15.5	107.12	58.42	14.11	23.96	Tech
KNTK gy	-45.48	13.4	31.71	17.29	9.79	15.17	Ener
MS nci	-45.49	4.96	77.7	42.35	12.77	13.44	Fina
WHD gy	-45.52	13.6	47.49	25.87	9.79	15.32	Ener
TMO thc	-45.54	6.08	496.36	270.33	19.96	22.18	Heal
NVEE str	-45.56	7.5	101.44	55.23	16.74	19.89	Indu
THR str	-45.6	5.5	26.47	14.4	13.82	14.95	Indu
WTRG iti	-45.61	5.4	32.32	17.58	16.13	17.38	Util
PLUS	-45.63	4.9	63.48	34.51	11.38	11.98	Tech

no1								
PFGC	-45.64	4.9	56.37	30.64	12.31	12.96	Cons	
ume								
RGA	-45.65	4.9	140.92	76.59	7.34	7.73	Fina	
nci								
FLEX	-45.65	4.9	26.54	14.43	10.29	10.83	Tech	
no1								
CTRE	-45.66	5.6	19.98	10.86	26.99	29.38	Real	
Es								
GEO	-45.67	4.9	8.02	4.36	8.65	9.11	Indu	
str								
FLS	-45.68	6.6	37.85	20.56	16.74	19.12	Indu	
str								
EXR	-45.74	6	115.26	62.54	21.98	24.42	Real	
Es								
EPD	-45.75	5.4	26.76	14.52	9.79	10.58	Ener	
gy								
GWV	-45.83	6.5	686.71	371.97	16.74	19.08	Indu	
str								
NICE	-45.83	10.8	166.95	90.43	14.11	19.6	Tech	
no1								
WEC	-45.85	4.6	77.46	41.95	16.13	16.8	Util	
iti								
GLNG	-45.85	4	22.3	12.08	9.79	9.91	Ener	
gy								
GEN	-45.88	4.8	17.07	9.24	8.19	8.62	Tech	
no1								
SEM	-45.89	4.8	24.28	13.14	11.65	12.26	Heal	
thc								
CBT	-45.9	4.8	67.37	36.45	12.28	12.93	Basi	
c M								
ZI	-45.97	7.3	16.56	8.95	14.11	16.73	Tech	
no1								
JHG	-46	4.76	23.81	12.86	9.92	10.44	Fina	
nci								
SPXC	-46.01	6.3	80.95	43.71	16.74	18.96	Indu	
str								
TFX	-46.15	4.7	192.36	103.58	13.78	14.51	Heal	
thc								
FDX	-46.15	4.7	257.84	138.83	13.45	14.16	Indu	
str								
AZZ	-46.16	4.7	43.83	23.6	10.56	11.12	Indu	
str								
EHC	-46.16	8.3	65.61	35.32	15.21	18.96	Heal	
thc								
BDC	-46.21	3.8	93.58	50.34	12.73	12.85	Tech	
no1								
DAR	-46.4	4.6	48.55	26.02	8.42	8.86	Cons	
ume								
PTSI	-46.4	4.6	21.17	11.35	11.49	12.1	Indu	
str								
WY	-46.4	4	29.53	15.83	26.99	27.6	Real	
Es								
SSTK	-46.4	4.6	37.46	20.08	8.49	8.94	Comm	
uni								
KFY	-46.41	4.6	47.58	25.5	11.84	12.46	Indu	
str								
BCBP	-46.45	4.6	10.68	5.72	5.22	5.5	Fina	
nci								
AEE	-46.46	3.9	71.82	38.45	16.13	16.43	Util	
iti								
UBA	-46.5	5.7	21.1	11.29	16.37	18.19	Real	
Es								
OGS	-46.54	3.8	66.16	35.37	15.74	15.98	Util	
iti								

ZTS	-46.55	8.2	169.39	90.54	24.91	31.14	Heal
thc							
MRAM	-46.57	11.9	10.02	5.35	14.11	20.87	Tech
no1							
FTAI	-46.59	8.6	33.07	17.66	16.74	21.34	Indu
str							
GTX	-46.64	4.5	7.42	3.96	7.19	7.57	Cons
ume							
ARMK	-46.67	4.5	24.34	12.98	13.52	14.23	Indu
str							
LDOS	-46.67	4.5	91.18	48.63	12.95	13.63	Tech
no1							
EIX	-46.67	4.5	60.81	32.43	12.26	12.91	Util
iti							
CNM	-46.67	4.5	29.37	15.66	12.24	12.88	Indu
str							
PH	-46.67	3.6	381.55	203.47	16.74	16.88	Indu
str							
WAB	-46.7	5	103.11	54.96	16.74	18.06	Indu
str							
FMC	-46.7	4.49	65.46	34.89	10.16	10.7	Basi
c M							
CACI	-46.71	5.2	307.89	164.07	14.11	15.37	Tech
no1							
BDX	-46.76	5.6	256.82	136.74	18.92	21.02	Heal
thc							
CBOE	-46.76	5.6	158.48	84.38	19.51	21.68	Fina
nci							
EGAN	-46.78	10	6.16	3.28	14.11	19.25	Tech
no1							
WAT	-46.78	5.59	264.17	140.59	19.46	21.62	Heal
thc							
PRFT	-46.8	3.8	57.18	30.42	14.11	14.4	Tech
no1							
OSIS	-46.87	4.5	116.34	61.81	14.11	14.91	Tech
no1							
DRVN	-46.87	7.45	11.78	6.26	10.54	12.8	Cons
ume							
PCG	-46.91	4.4	15.07	8	11.83	12.45	Util
iti							
AIG	-46.92	4.4	58	30.78	8.21	8.64	Fina
nci							
NTAP	-46.92	4.4	74.6	39.6	12.37	13.02	Tech
no1							
OXM	-46.92	4.4	93.64	49.71	8.6	9.05	Cons
ume							
FE	-46.93	4.4	33.31	17.68	12.45	13.11	Util
iti							
HIBB	-46.93	4.4	46.37	24.61	6.06	6.38	Cons
ume							
BCO	-46.98	4.7	71.01	37.65	9.74	10.41	Indu
str							
LNN	-46.98	6.4	114.67	60.8	16.74	19.4	Indu
str							
ENSG	-47	8	90.24	47.82	15.21	19	Heal
thc							
EVRI	-47.07	5.3	12.67	6.71	10.54	11.62	Cons
ume							
HNI	-47.11	10	34.24	18.11	11.61	15.92	Indu
str							
NOV	-47.12	9.7	19.48	10.3	9.79	13.25	Ener
gy							
LYTS	-47.12	7.2	15.65	8.28	11.69	14.1	Tech
no1							
SIGI	-47.14	7.2	104.26	55.11	14.31	17.26	Fina

nci							
TPR	-47.18	4.3	27.72	14.64	6.37	6.71	Cons
ume							
SXI	-47.18	6.2	146.02	77.13	16.74	19.29	Indu
str							
RBBN	-47.18	5.4	2.53	1.34	9.12	10.12	Comm
uni							
PSMT	-47.24	10	74.07	39.08	13.95	19.19	Cons
ume							
ITT	-47.36	5.4	95.07	50.04	16.74	18.64	Indu
str							
WMS	-47.4	6.21	111.65	58.73	16.74	19.38	Indu
str							
AVT	-47.42	4.2	47.58	25.02	7.88	8.29	Tech
no1							
ATGE	-47.42	4.2	42.78	22.49	9.43	9.93	Cons
ume							
HGV	-47.42	4.2	38.66	20.33	9.57	10.07	Cons
ume							
PRGO	-47.42	4.2	30.45	16.01	11	11.58	Heal
thc							
SSNC	-47.42	4.2	51.21	26.93	10.49	11.04	Tech
no1							
ON	-47.42	6.9	88.28	46.41	14.11	16.88	Tech
no1							
ES	-47.43	4.2	55.29	29.07	12.02	12.65	Util
iti							
BBW	-47.43	4.2	28.94	15.21	7.5	7.89	Cons
ume							
FHI	-47.44	4.2	32.67	17.17	9.38	9.87	Fina
nci							
URBN	-47.44	4.2	31.74	16.68	9.54	10.04	Cons
ume							
USFD	-47.48	4.1	38.34	20.14	13.95	14.63	Cons
ume							
CMS	-47.5	3.7	51.62	27.1	16.13	16.6	Util
iti							
III	-47.53	4.2	4.35	2.28	9.39	9.88	Tech
no1							
NGVC	-47.53	5.1	12.45	6.53	13.95	15.37	Cons
ume							
HLIO	-47.62	4	53.08	27.8	16.74	17.52	Indu
str							
DCI	-47.66	5.2	59.23	31	16.74	18.57	Indu
str							
ASIX	-47.68	4.1	28.43	14.87	7.89	8.31	Basi
c M							
ETR	-47.68	4.1	89.4	46.77	12.67	13.34	Util
iti							
AMWD	-47.69	4.1	74.38	38.91	8.72	9.18	Cons
ume							
IVZ	-47.71	4.1	13.46	7.04	8.3	8.74	Fina
nci							
HAE	-47.76	5.2	85.77	44.8	19.79	21.99	Heal
thc							
LUV	-47.79	8.1	27.12	14.16	11.9	15.15	Indu
str							
LSI	-47.89	5	133.1	69.35	26.99	29.78	Real
Es							
TWI	-47.92	4	12.67	6.6	8.07	8.5	Indu
str							
NCR	-47.92	4	26.09	13.59	7.14	7.52	Tech
no1							
TNL	-47.92	4	34.44	17.94	6.23	6.56	Cons
ume							

MIDD	-47.93	4	123.65	64.38	12.08	12.72	Indu
str							
SMP	-47.93	4	32.95	17.16	9.94	10.46	Cons
ume							
UGI	-47.93	4	21.2	11.04	7.32	7.71	Util
iti							
EBAY	-47.93	4	42.64	22.2	9.69	10.2	Cons
ume							
POWL	-47.93	10	82.13	42.76	16.74	23.33	Indu
str							
URI	-47.93	4	421.59	219.53	10.07	10.6	Indu
str							
BZH	-47.94	4	23.04	11.99	4.6	4.84	Cons
ume							
CVBF	-47.95	4	15.61	8.13	9.16	9.64	Fina
nci							
AUDC	-48.01	4.7	9.85	5.12	14.11	15.39	Tech
no1							
PJT	-48.08	17.1	75.82	39.37	13.45	25.7	Fina
nci							
PMT	-48.15	3.9	11.51	5.97	8.75	9.21	Real
Es							
WCC	-48.18	3.9	137.74	71.38	8.52	8.97	Indu
str							
HSII	-48.19	3.9	25.07	12.99	8.42	8.86	Indu
str							
MD	-48.2	3.9	12.69	6.57	7.88	8.29	Heal
thc							
MERC	-48.23	3.9	8.08	4.18	4.24	4.46	Basi
c M							
HURN	-48.26	9	101.4	52.46	16.74	22.43	Indu
str							
AHH	-48.27	4.7	10.06	5.2	26.99	29.59	Real
Es							
ASUR	-48.28	6.7	9.18	4.75	14.11	17	Tech
no1							
EVCN	-48.33	11.5	9.75	5.04	14.11	21.2	Tech
no1							
ADUS	-48.37	7.7	82.11	42.4	15.21	19.23	Heal
thc							
XEL	-48.38	3.4	55.75	28.78	16.13	16.64	Util
iti							
IPG	-48.4	3.8	27.91	14.4	9.12	9.59	Comm
uni							
THO	-48.44	8.5	92.94	47.92	10.54	13.85	Cons
ume							
CVGI	-48.45	3.8	7.39	3.81	6.68	7.03	Cons
ume							
WTW	-48.5	4.9	207.42	106.82	13.51	15.01	Fina
nci							
LMT	-48.57	2.9	397.71	204.53	14.5	14.65	Indu
str							
ARCO	-48.57	4.5	8.86	4.56	10.54	11.51	Cons
ume							
WES	-48.58	3.8	26.26	13.5	9.79	10.34	Ener
gy							
SYN	-48.59	4.1	64.42	33.12	13.95	14.95	Cons
ume							
CRL	-48.65	4.84	187.76	96.42	16.02	17.8	Heal
thc							
IBM	-48.68	3.4	140.08	71.89	14.11	14.64	Tech
no1							
DAL	-48.68	3.7	35.79	18.37	5.42	5.71	Indu
str							
LCUT	-48.71	3.7	5	2.56	8.33	8.77	Cons

ume	-48.72	7.3	13.92	7.14	24.74	30.92	Heal
thc							
SPGI	-48.74	7.3	358.09	183.55	22.9	28.62	Fina
nci							
SPWH	-48.83	3.6	4.25	2.17	-7.76	-8.17	Cons
ume							
ED	-48.85	3.4	82.26	42.07	16.13	16.79	Util
iti							
RL	-48.89	5	111.58	57.03	10.54	11.86	Cons
ume							
VGR	-48.91	3.6	10.3	5.26	8.36	8.8	Cons
ume							
PAHC	-48.91	3.6	12.38	6.32	9.72	10.23	Heal
thc							
BRKL	-48.92	3.6	8.71	4.45	9.4	9.89	Fina
nci							
UNM	-48.92	3.6	47.5	24.26	5.85	6.16	Fina
nci							
MTX	-48.92	3.6	56.86	29.04	10.7	11.26	Basi
c M							
AEP	-48.92	3.6	72.23	36.89	13.02	13.71	Util
iti							
VICI	-48.92	3.6	27.82	14.21	10.83	11.4	Real
Es							
ELV	-48.92	3.6	433.64	221.49	12.51	13.17	Heal
thc							
BAX	-48.93	3.6	36.78	18.78	13.59	14.31	Heal
thc							
MET	-48.99	2.8	59	30.1	7.55	7.66	Fina
nci							
REGN	-48.99	4.7	811.95	414.19	17.5	19.44	Heal
thc							
LNT	-49.02	3	46.47	23.69	15.7	16.08	Util
iti							
LZB	-49.07	2.6	30.54	15.55	10.54	10.6	Cons
ume							
J	-49.11	4.1	133.03	67.69	16.74	18.12	Indu
str							
CTSH	-49.11	4.25	67.07	34.13	14.11	15.38	Tech
no1							
ALV	-49.14	7.6	92.68	47.14	10.54	13.47	Cons
ume							
SWN	-49.15	3.5	5.99	3.05	8.49	8.94	Ener
gy							
PLAB	-49.15	3.5	19.98	10.16	10.32	10.86	Tech
no1							
SWBI	-49.16	4.4	13.06	6.64	14.5	15.93	Indu
str							
MPLX	-49.17	3.5	34.83	17.7	8.92	9.39	Ener
gy							
SNA	-49.17	3.5	262.9	133.64	13.49	14.2	Indu
str							
HVT	-49.17	3.5	28.17	14.32	7.41	7.8	Cons
ume							
PRDO	-49.18	3.5	17.33	8.81	8.76	9.22	Cons
ume							
VLV	-49.22	3.5	7.78	3.95	6.78	7.14	Fina
nci							
FDS	-49.22	7.1	438.89	222.88	21.85	27.31	Fina
nci							
PSA	-49.23	4.6	255.98	129.95	20.49	22.77	Real
Es							
GXO	-49.24	7.1	54.65	27.74	16.74	20.94	Indu
str							

FIX	-49.24	8.3	166.49	84.51	16.74	22.14	Indu
str							
IBTX	-49.26	4.8	37.64	19.1	10.02	11.24	Fina
nci							
HCKT	-49.37	4	23.69	11.99	14.11	15.28	Tech
no1							
FCF	-49.39	3.4	12.12	6.13	7.57	7.97	Fina
nci							
SEIC	-49.42	4.5	57.1	28.88	14.79	16.41	Fina
nci							
SNX	-49.42	3.4	97.34	49.24	8.55	9	Tech
no1							
AIZ	-49.42	3.4	142.39	72.03	11	11.58	Fina
nci							
BV	-49.44	3.4	7.6	3.84	10.32	10.86	Indu
str							
WSC	-49.49	8.4	40.23	20.32	16.74	22.35	Indu
str							
LW	-49.57	6	89.23	45	13.95	16.68	Cons
ume							
PWR	-49.59	9.4	167.18	84.27	16.74	23.45	Indu
str							
MLKN	-49.59	4.5	23.48	11.84	10.54	11.74	Cons
ume							
GDOT	-49.63	3.3	13.33	6.71	6.85	7.21	Fina
nci							
CLVT	-49.64	3.3	6.23	3.14	7.58	7.98	Tech
no1							
AJG	-49.65	12.7	226.27	113.93	15.86	25.8	Fina
nci							
UI	-49.65	4	135.5	68.23	14.11	15.36	Tech
no1							
GNTX	-49.67	13.7	31.73	15.97	10.54	17.93	Cons
ume							
NDAQ	-49.74	4.39	47.92	24.09	15.57	17.3	Fina
nci							
BLKB	-49.75	7.5	68.83	34.59	14.11	18.16	Tech
no1							
AOS	-49.75	3.8	65.11	32.72	16.74	18.09	Indu
str							
AMOT	-49.78	4.9	34.08	17.11	14.11	16.08	Tech
no1							
SEAS	-49.83	3.4	44.22	22.19	10.54	11.19	Cons
ume							
LVS	-49.83	19.4	44.34	22.24	10.54	22.97	Cons
ume							
PSTG	-49.86	14	34.18	17.14	14.11	24.41	Tech
no1							
VAC	-49.9	3.2	95.31	47.75	9.37	9.86	Cons
ume							
VNT	-49.9	3.2	30.65	15.35	10.21	10.75	Tech
no1							
PHM	-49.9	3.2	71.04	35.59	5.79	6.1	Cons
ume							
SAH	-49.9	3.2	44.85	22.47	6.33	6.66	Cons
ume							
PVH	-49.9	3.2	71.79	35.96	6.59	6.94	Cons
ume							
SP	-49.91	3.2	35.54	17.8	11.33	11.93	Indu
str							
EVRG	-49.91	3.2	48.07	24.08	12.58	13.24	Util
iti							
UPWK	-49.91	14.3	10.87	5.44	16.74	29.38	Indu
str							
WLKP	-49.98	3.17	21.62	10.81	12.52	13.18	Basi

c M							
PRMW	-50.05	6.6	13.51	6.75	13.95	17.32	Cons
ume							
CARG	-50.05	10.4	17.15	8.57	10.54	15.59	Cons
ume							
TNC	-50.14	3.1	74.36	37.08	12.66	13.33	Indu
str							
HII	-50.14	3.1	200.46	99.94	13.26	13.96	Indu
str							
KTB	-50.15	3.1	42.46	21.16	9.06	9.54	Cons
ume							
ICUI	-50.19	4.2	118	58.77	16.12	17.91	Heal
thc							
AIT	-50.2	4.2	152.95	76.17	14.98	16.64	Indu
str							
VSTO	-50.26	3.05	30.84	15.34	6.25	6.58	Cons
ume							
HAL	-50.32	7.3	38.66	19.21	9.79	12.63	Ener
gy							
VRA	-50.32	3	6.65	3.3	10.54	11.08	Cons
ume							
DIOD	-50.34	2.3	79.15	39.31	14.11	14.34	Tech
no1							
EGHT	-50.34	3	2.44	1.21	5.39	5.67	Tech
no1							
IBP	-50.38	5.7	119.34	59.21	10.54	12.63	Cons
ume							
TKR	-50.38	3	71.83	35.64	9.59	10.09	Indu
str							
KMT	-50.39	3	24.09	11.95	12.79	13.46	Indu
str							
DVA	-50.39	3	92.32	45.8	12.16	12.8	Heal
thc							
ORCL	-50.39	8.3	105.93	52.56	14.11	19.09	Tech
no1							
SHOO	-50.51	5.8	31.18	15.43	10.54	12.72	Cons
ume							
JEF	-50.51	18	34.73	17.19	13.45	28.01	Fina
nci							
CIEN	-50.51	5.9	45.52	22.53	14.11	17.11	Tech
no1							
FRT	-50.61	5.2	86.28	42.61	26.99	31.72	Real
Es							
DXPE	-50.62	2.9	34.02	16.8	8.31	8.75	Indu
str							
NWE	-50.63	2.9	47.19	23.3	13.07	13.76	Util
iti							
GTES	-50.64	2.9	11.35	5.6	8.98	9.45	Indu
str							
SO	-50.65	3.8	63.88	31.52	16.13	17.74	Util
iti							
AAON	-50.66	12	54.96	27.12	16.74	26.94	Indu
str							
IIIN	-50.68	4	32.09	15.83	14.73	16.37	Indu
str							
DSX	-50.7	2.9	3.35	1.65	9.09	9.57	Indu
str							
TRIP	-50.76	9.7	15.93	7.84	10.54	15.32	Cons
ume							
SPTN	-50.85	2.8	23.17	11.39	9.74	10.25	Cons
ume							
OVV	-50.86	2.8	43.7	21.47	6.19	6.52	Ener
gy							
CAL	-50.86	2.8	27.28	13.4	6.26	6.59	Cons
ume							

KELYA str	-50.87	2.8	18.43	9.06	11.01	11.59	Indu
HELE ume	-50.87	2.8	103.84	51.02	11.07	11.65	Cons
BECN str	-50.87	2.8	74.87	36.79	10.3	10.84	Indu
GIS ume	-50.88	1.8	62.81	30.85	13.95	13.99	Cons
MDRX thc	-50.89	3.9	13.47	6.62	14.79	16.43	Heal
JD ume	-50.89	2.79	28.41	13.95	9.18	9.66	Cons
DKL gy	-50.9	6.4	40.55	19.91	9.79	12.25	Ener
AKAM nol	-50.94	6.7	106.11	52.06	14.11	17.92	Tech
TTC str	-51.02	5.3	81.34	39.84	16.74	19.94	Indu
IRM Es	-51.03	5.7	57	27.91	26.99	32.76	Real
DIN ume	-51.11	2.7	47.74	23.34	7.09	7.46	Cons
FORR str	-51.11	2.7	28.52	13.94	14.18	14.93	Indu
CSV ume	-51.12	2.4	24.62	12.04	10.54	10.94	Cons
GPK ume	-51.13	2.7	21.62	10.57	7.2	7.58	Cons
JNJ thc	-51.14	3.8	155.23	75.85	13.93	15.48	Heal
OMC uni	-51.19	3.2	72.2	35.24	9.12	9.85	Comm
CSCO nol	-51.19	2.3	53.45	26.09	12.73	13.17	Tech
HON str	-51.28	5.4	184.66	89.96	16.74	20.14	Indu
AFG nci	-51.3	2.62	108.7	52.94	9.59	10.09	Fina
QFIN nci	-51.32	2.6	14.85	7.23	3.7	3.9	Fina
NUS ume	-51.35	2.6	20.37	9.91	7.93	8.35	Cons
OTEX nol	-51.35	2.6	34.12	16.6	6.88	7.24	Tech
BHLB nci	-51.35	2.6	20.54	9.99	9.12	9.6	Fina
BHC thc	-51.37	2.6	7.92	3.85	2.27	2.39	Heal
EMR str	-51.42	6.1	93.96	45.64	16.74	20.88	Indu
SQ nol	-51.44	13	41.5	20.15	14.11	24.12	Tech
FIS nol	-51.46	2.55	54.05	26.24	8.53	8.98	Tech
TASK nol	-51.54	2.5	9.54	4.62	7.49	7.88	Tech
FUTU nci	-51.54	1.57	53.94	26.14	13.45	13.52	Fina
PLAY uni	-51.55	5.88	35.53	17.21	9.12	11.28	Comm
PCYG nol	-51.57	15	8.98	4.35	14.11	26.41	Tech
GILD thc	-51.58	2.5	73.49	35.58	10.56	11.12	Heal
OC	-51.61	1.8	129.82	62.81	9.41	9.58	Indu

str								
PII	-51.62	1.6	97.76	47.29	9.37	9.45	Cons	
ume								
AMEH	-51.66	10.7	30.41	14.7	15.21	23.57	Heal	
thc								
CNXN	-51.69	6.1	52.9	25.56	14.11	17.69	Tech	
no1								
LOPE	-51.7	6.2	117.77	56.89	13.95	17.58	Cons	
ume								
EPC	-51.71	2.1	35.96	17.36	13.95	14.44	Cons	
ume								
BMV	-51.74	2.43	56.79	27.41	7.31	7.7	Heal	
thc								
LOCO	-51.75	3.8	8.67	4.18	10.54	11.87	Cons	
ume								
HRB	-51.81	2.4	41.84	20.16	9.51	10.01	Cons	
ume								
ABCB	-51.81	2.4	36.74	17.7	8.64	9.09	Fina	
nci								
FDP	-51.82	2.4	25.17	12.13	10.09	10.62	Cons	
ume								
INGR	-51.82	2.4	95.61	46.06	10.1	10.63	Cons	
ume								
TGH	-51.83	2.4	35.44	17.07	7.14	7.52	Indu	
str								
PINC	-51.83	2.4	20.66	9.95	8.8	9.26	Heal	
thc								
FWRD	-51.85	3.5	69.48	33.46	13.65	15.17	Indu	
str								
XRAY	-51.85	3.5	33.03	15.9	15.01	16.68	Heal	
thc								
CUBE	-51.86	3.5	36.6	17.62	18.72	20.8	Real	
Es								
NBIX	-51.88	14.2	110	52.94	25.64	46.61	Heal	
thc								
PLXS	-51.9	4.7	91.94	44.22	14.11	16.63	Tech	
no1								
NRG	-51.95	2.3	36.88	17.72	7.64	8.03	Util	
iti								
UNP	-51.99	4.3	202.67	97.31	16.74	19.39	Indu	
str								
SFNC	-52.01	2.2	16.24	7.79	10.02	10.48	Fina	
nci								
PETQ	-52.02	5.9	21	10.08	20.24	25.3	Heal	
thc								
ACCO	-52.02	2.3	5.38	2.58	4.65	4.89	Indu	
str								
EFX	-52.02	10.4	178.42	85.61	16.74	25.78	Indu	
str								
ULH	-52.03	2.3	23.86	11.45	5.86	6.17	Indu	
str								
WBS	-52.05	2.3	37.87	18.16	6.07	6.39	Fina	
nci								
GES	-52.05	2.3	20.79	9.97	6.65	7	Cons	
ume								
NWN	-52.06	2.3	37.5	17.98	13.34	14.04	Util	
iti								
CHKP	-52.13	4.3	133.71	64.01	14.11	16.39	Tech	
no1								
AVGO	-52.24	8.1	825.93	394.44	14.11	19.65	Tech	
no1								
ASGN	-52.28	2.2	78.62	37.52	12.63	13.3	Tech	
no1								
FSBW	-52.29	2.2	28.72	13.7	6.23	6.56	Fina	
nci								

ANIP	-52.29	2.2	57.06	27.22	13.65	14.37	Heal
thc							
PBH	-52.29	2.2	57.25	27.32	12.62	13.28	Heal
thc							
GIII	-52.29	2.2	24.2	11.55	7.12	7.49	Cons
ume							
ESAB	-52.31	3.3	67.84	32.35	14.36	15.96	Indu
str							
CME	-52.31	3.3	200.94	95.82	19.98	22.2	Fina
nci							
CRSR	-52.42	11.9	14.06	6.69	14.11	23.43	Tech
no1							
NEOG	-52.44	5.7	17.19	8.18	23.71	29.64	Heal
thc							
K	-52.45	2.2	52.49	24.96	13.95	14.74	Cons
ume							
LEVI	-52.45	3.4	13.23	6.29	10.54	11.81	Cons
ume							
LMB	-52.5	5.1	29.13	13.84	16.74	20.37	Indu
str							
PPL	-52.53	2.1	22.59	10.72	13.67	14.39	Util
iti							
A	-52.54	3.2	110.09	52.25	18.28	20.31	Heal
thc							
CW	-52.61	5.7	191.32	90.67	16.74	21	Indu
str							
SEE	-52.61	1.6	31.26	14.82	10.54	10.85	Cons
ume							
LECO	-52.68	4.4	179.27	84.83	16.74	19.77	Indu
str							
ACLS	-52.71	11	159.46	75.41	14.11	22.65	Tech
no1							
HUBB	-52.75	4.6	305.08	144.14	16.74	19.99	Indu
str							
NTRS	-52.75	2	65.52	30.96	10.36	10.9	Fina
nci							
PRGS	-52.75	2	51.38	24.28	11.54	12.15	Tech
no1							
DKS	-52.75	2	104.64	49.44	8.38	8.82	Cons
ume							
EGY	-52.78	2	3.99	1.88	4.92	5.18	Ener
gy							
KLIC	-52.84	15	47.18	22.25	14.11	27.11	Tech
no1							
BMRN	-52.88	21.2	85.32	40.21	33.13	82.83	Heal
thc							
UNIT	-52.95	3	4.34	2.04	14.46	16.07	Real
Es							
CE	-52.96	1.91	120.82	56.84	12.36	13.01	Basi
c M							
NWPX	-52.97	1.9	29.12	13.69	11.43	12.03	Indu
str							
ACI	-52.98	1.9	22.77	10.71	7.89	8.31	Cons
ume							
GMS	-52.98	1.9	62.15	29.22	7.38	7.77	Indu
str							
HPE	-52.98	1.9	17.37	8.17	7.82	8.23	Tech
no1							
LAMR	-53	3	79.8	37.51	15.12	16.8	Real
Es							
BX	-53.07	11.26	102.62	48.16	14.79	24.2	Fina
nci							
MG	-53.08	5	5.13	2.41	16.74	20.54	Indu
str							
LSTR	-53.19	7.3	174.45	81.66	16.74	22.92	Indu

str							
HE	-53.2	1.8	11.58	5.42	5.64	5.94	Util
iti							
HMST	-53.21	1.8	6.9	3.23	-15.99	-16.83	Fina
nci							
KOP	-53.21	1.8	38.1	17.83	8.11	8.54	Basi
c M							
MATX	-53.21	1.8	89.34	41.8	12.12	12.76	Indu
str							
ACM	-53.21	5.9	79.45	37.18	16.74	21.47	Indu
str							
BKE	-53.22	1.8	33	15.44	7.41	7.8	Cons
ume							
SPG	-53.23	2.9	103.22	48.28	15.3	17	Real
Es							
CBRE	-53.25	7.8	70.73	33.07	12.45	17.46	Real
Es							
TGT	-53.28	0.8	106.11	49.58	13.95	14	Cons
ume							
FINV	-53.29	1.75	4.78	2.23	3.71	3.91	Fina
nci							
MIXT	-53.31	1.76	5.44	2.54	9.57	10.07	Tech
no1							
GRBK	-53.39	1.72	40.01	18.65	6.2	6.53	Cons
ume							
BFIN	-53.4	2.7	8.62	4.02	10.02	11.05	Fina
nci							
ENR	-53.43	1.7	30.19	14.06	9.46	9.96	Indu
str							
TMP	-53.44	4.7	49.38	22.99	10.02	12.19	Fina
nci							
TRTN	-53.44	1.7	82.91	38.6	8.34	8.78	Indu
str							
AMGN	-53.46	1.69	261.44	121.67	13.56	14.27	Heal
thc							
DTE	-53.46	2.8	96.33	44.84	13.91	15.46	Util
iti							
VRT	-53.47	7.4	37.3	17.36	16.74	23.17	Indu
str							
MMM	-53.53	1.66	106.44	49.46	11.39	11.99	Indu
str							
DOOR	-53.56	4.3	89.11	41.38	9.41	11.27	Indu
str							
CTS	-53.59	5.3	41.49	19.26	14.11	17.73	Tech
no1							
CAH	-53.6	7.9	87.19	40.45	9.13	12.97	Heal
thc							
VIPS	-53.6	1.62	15.42	7.15	7.14	7.52	Cons
ume							
PCTY	-53.67	18.5	186.28	86.3	14.11	32.06	Tech
no1							
MO	-53.68	1.6	41.21	19.09	7.86	8.27	Cons
ume							
REXR	-53.72	10	46.54	21.54	26.99	42.31	Real
Es							
NSC	-53.77	3.25	192.36	88.93	13.83	15.81	Indu
str							
BOOM	-53.81	5.2	22.28	10.29	9.79	12.31	Ener
gy							
FN	-53.82	8.96	168.27	77.71	14.11	21.14	Tech
no1							
UAA	-53.85	4.8	6.51	3	10.54	13.02	Cons
ume							
KHC	-53.88	1.5	32.99	15.21	10.81	11.38	Cons
ume							

NTCT no1	-53.89	1.5	26.84	12.38	11.29	11.88	Tech
ALSN ume	-53.89	1.5	58.02	26.75	7.88	8.29	Cons
SBH ume	-53.89	1.5	7.83	3.61	3.97	4.18	Cons
WRLD nci	-53.89	1.5	119.6	55.15	11.99	12.62	Fina
BVH ume	-53.9	1.5	35.25	16.25	7.99	8.41	Cons
CHGG ume	-53.94	1.5	8.56	3.94	7.6	8	Cons
MOMO uni	-53.94	1.47	6.74	3.1	4.51	4.75	Comm
ZTO str	-53.94	2.59	23.64	10.89	13.81	15.35	Indu
BABA ume	-53.96	1.47	84.01	38.68	8.61	9.06	Cons
CXW str	-54.06	4.5	10.84	4.98	16.74	20.45	Indu
SLP thc	-54.06	15	41.5	19.07	32.88	64.84	Heal
CNO nci	-54.06	3.1	22.69	10.42	7.55	8.63	Fina
CECO str	-54.11	7.6	15.41	7.07	16.74	23.71	Indu
BKH iti	-54.12	1.4	47.47	21.78	12.09	12.73	Util
MAN str	-54.13	1.4	72.1	33.08	11.49	12.1	Indu
MYRG str	-54.23	6	127.04	58.15	16.74	22.05	Indu
NXST uni	-54.31	5.54	132.76	60.66	9.12	11.77	Comm
NX str	-54.32	3.4	27.2	12.43	9.41	10.97	Indu
LAKE ume	-54.33	7	15.32	7	10.54	14.59	Cons
FOR Es	-54.34	3.9	26.14	11.94	7.63	9.11	Real
NDSN str	-54.34	8.3	220.52	100.7	16.74	24.61	Indu
BERY ume	-54.35	1.3	58.63	26.77	7.64	8.04	Cons
CAG ume	-54.35	1.3	26.4	12.05	9.21	9.7	Cons
MSM str	-54.35	2.4	97.6	44.55	13.97	15.52	Indu
DUK iti	-54.36	2.4	85.21	38.89	13.67	15.19	Util
ALGM no1	-54.38	7.8	30.02	13.69	14.11	20.28	Tech
RLX ume	-54.38	12.71	1.51	0.69	13.95	25.17	Cons
MSCI nci	-54.45	11	497.92	226.78	22.75	37.92	Fina
BAH str	-54.46	6.6	114.91	52.33	16.74	22.8	Indu
CRUS no1	-54.57	1.2	71.69	32.57	12.95	13.63	Tech
ISRG thc	-54.58	14.4	286.17	129.97	26.39	51.28	Heal
ARHS ume	-54.69	0.8	8.94	4.05	10.54	10.9	Cons
LHX	-54.71	1.14	165.01	74.73	12.79	13.46	Indu

str							
FBP	-54.79	1.1	13.2	5.97	8.19	8.62	Fina
nci							
BYD	-54.79	1.1	58.51	26.45	8.73	9.19	Cons
ume							
EXC	-54.79	2.2	36.85	16.66	14.06	15.62	Util
iti							
CPRI	-54.8	1.1	51.55	23.3	8.48	8.93	Cons
ume							
DBI	-54.81	1.1	12.38	5.59	9.12	9.6	Cons
ume							
UNF	-54.86	6.9	159.8	72.13	16.74	23.33	Indu
str							
ASH	-54.87	5.4	79.03	35.67	13.26	17.22	Basi
c M							
REZI	-54.88	2.6	15.36	6.93	9.74	11.05	Indu
str							
TTI	-54.88	10.4	5.61	2.53	9.79	16.03	Ener
gy							
AM	-54.88	8.7	11.57	5.22	9.79	14.83	Ener
gy							
FFIV	-55.02	1	155.45	69.92	12.93	13.61	Tech
nol							
SIGA	-55.08	1	5.34	2.4	4.61	4.85	Heal
thc							
TGLS	-55.16	0.94	31.84	14.28	7.18	7.56	Basi
c M							
KDP	-55.21	4.6	31.28	14.01	13.95	17.57	Cons
ume							
DLTR	-55.21	4.3	103.21	46.23	13.95	17.32	Cons
ume							
TGI	-55.22	7.8	7.6	3.4	16.74	24.52	Indu
str							
GLPI	-55.23	2	44.16	19.77	14.77	16.41	Real
Es							
ORI	-55.26	2.4	26.27	11.75	9.19	10.42	Fina
nci							
RLJ	-55.29	3.7	9.45	4.22	26.99	32.59	Real
Es							
CARR	-55.29	3.8	53.48	23.91	16.74	20.33	Indu
str							
MTD	-55.3	4.4	1071.45	478.91	21.07	26.34	Heal
thc							
WTS	-55.43	5.1	168.64	75.16	16.74	21.7	Indu
str							
HCCI	-55.44	5.5	45.36	20.21	16.74	22.13	Indu
str							
DRS	-55.45	6.7	15.93	7.1	16.74	23.43	Indu
str							
NJR	-55.45	0.8	39.52	17.6	14.01	14.75	Util
iti							
SAIC	-55.45	0	105.47	46.99	14.11	14.27	Tech
nol							
C	-55.46	0.8	39.17	17.45	6.39	6.73	Fina
nci							
CPB	-55.46	0.8	39.67	17.67	12.27	12.92	Cons
ume							
NOC	-55.47	1.9	422.37	188.08	16.74	18.61	Indu
str							
PRG	-55.47	0.8	30.85	13.74	9.13	9.61	Indu
str							
THS	-55.53	4	42.82	19.04	13.95	17.2	Cons
ume							
LWAY	-55.57	5.4	11.04	4.91	13.95	18.4	Cons
ume							

AVA iti	-55.67	0.7	30.95	13.72	12.84	13.52	Util
AMG nci	-55.68	0.7	126.59	56.1	6.72	7.07	Fina
SJM ume	-55.68	0.7	119.26	52.85	11.66	12.27	Cons
EGLE str	-55.69	7.5	41.3	18.3	16.74	24.44	Indu
BC ume	-55.69	0.7	75.39	33.41	7.69	8.09	Cons
FIBK nci	-55.7	0.7	23.55	10.43	9.17	9.65	Fina
CTOS str	-55.72	6.2	5.98	2.65	16.74	22.98	Indu
FSS str	-55.79	7.3	58.73	25.96	16.74	24.27	Indu
CENTA ume	-55.81	1.4	39.18	17.31	13.95	15.25	Cons
SMPL ume	-55.82	7.6	33.25	14.69	13.95	20.52	Cons
SCS str	-55.88	2.1	10.91	4.81	11.61	13.14	Indu
SUPN thc	-55.9	1.69	26.82	11.83	13.95	15.5	Heal
MCHP nol	-55.9	0.6	77.06	33.98	12	12.63	Tech
ABM str	-55.9	0.6	39.2	17.29	10.95	11.53	Indu
LEN ume	-55.91	0.6	108.39	47.79	7.59	7.99	Cons
CNHI str	-55.93	0.6	11.47	5.05	6.16	6.48	Indu
FELE str	-56.03	3.7	88.43	38.89	16.74	20.57	Indu
SLGN ume	-56.05	2.3	42.25	18.57	10.54	12.11	Cons
AEO ume	-56.05	3	16.41	7.21	10.54	12.53	Cons
ATSG str	-56.11	0.5	20.65	9.06	10.33	10.87	Indu
ARNC str	-56.11	1.6	29.99	13.16	13.84	15.38	Indu
CHS ume	-56.17	0.5	7.48	3.28	10.01	10.54	Cons
ROK str	-56.22	6.6	283.42	124.07	16.74	23.72	Indu
IR str	-56.25	5.5	62.41	27.31	16.74	22.53	Indu
TT str	-56.32	5.2	197.11	86.1	16.74	22.25	Indu
TAP ume	-56.33	0.4	62.48	27.28	11.83	12.45	Cons
JNPR nol	-56.34	0.4	27.13	11.84	11.61	12.22	Tech
AES iti	-56.36	0.4	13.41	5.85	7.58	7.98	Util
PGNY thc	-56.37	11.6	32.91	14.36	32.88	58.77	Heal
JBL nol	-56.44	2.2	128.74	56.08	11.69	13.48	Tech
UCBI nci	-56.48	1	24.41	10.62	10.02	10.9	Fina
OSK str	-56.48	5.1	92.32	40.18	8.54	11.34	Indu
CBZ	-56.52	4.8	51.75	22.5	16.74	21.93	Indu

str								
HOLX	-56.54	1.4	68.46	29.76	15.76	17.51	Heal	
thc								
SYNH	-56.55	0.3	42.77	18.58	11.78	12.4	Heal	
thc								
DORM	-56.56	6	75.36	32.74	10.54	14.63	Cons	
ume								
ENLC	-56.65	16.7	11.45	4.96	9.79	22.01	Ener	
gy								
PGTI	-56.67	4.9	26.47	11.47	9.41	12.43	Indu	
str								
IDXX	-56.67	9.9	427.91	185.43	26.09	43.49	Heal	
thc								
EGP	-56.67	7.7	160.59	69.59	26.99	40.66	Real	
Es								
ETN	-56.69	6.3	208.01	90.09	16.74	23.64	Indu	
str								
RBA	-56.81	7	61.22	26.44	16.74	24.49	Indu	
str								
AEL	-56.82	0.6	53.3	23.02	7.55	8.12	Fina	
nci								
SNDR	-56.82	0.18	26.64	11.5	13.98	14.72	Indu	
str								
EME	-56.84	1	202.83	87.53	16.74	18.37	Indu	
str								
ADV	-56.93	0.12	2.91	1.25	6	6.32	Comm	
uni								
TDG	-56.95	12.9	810.62	348.96	16.74	32.14	Indu	
str								
CRM	-57.01	10.9	199.92	85.95	14.11	24.8	Tech	
no1								
FSLR	-57.06	5.64	148.6	63.8	14.11	19.48	Tech	
no1								
PACW	-57.07	10	7.27	3.12	10.02	16.91	Fina	
nci								
HMN	-57.1	7.9	28.79	12.35	14.31	21.98	Fina	
nci								
MGEE	-57.11	3.9	68.1	29.21	16.13	20.51	Util	
iti								
BOOT	-57.11	6.4	78.7	33.76	10.54	15.1	Cons	
ume								
LFUS	-57.22	5.8	238	101.81	14.11	19.7	Tech	
no1								
CPSI	-57.24	-0.03	16.85	7.2	8.12	8.55	Heal	
thc								
TILE	-57.25	1.8	9.65	4.13	9.41	10.84	Indu	
str								
APG	-57.27	5	25.29	10.81	12.37	16.64	Indu	
str								
SSD	-57.31	5	144.14	61.54	13.26	17.86	Basi	
c M								
MKL	-57.32	3.3	1445.33	616.93	14.31	17.76	Fina	
nci								
JBHT	-57.32	6.5	185.7	79.26	16.74	24.21	Indu	
str								
BJ	-57.36	4	69.05	29.44	13.95	17.94	Cons	
ume								
CTVA	-57.37	4.9	50.19	21.4	13.26	17.8	Basi	
c M								
MODN	-57.39	7.6	23.45	9.99	14.11	21.51	Tech	
no1								
MAA	-57.4	3.4	125.89	53.63	21.57	26.96	Real	
Es								
AME	-57.5	6	148.45	63.09	16.74	23.75	Indu	
str								

CBRL ume	-57.5	1.7	65.06	27.65	10.54	12.16	Cons
TRMB no1	-57.53	5.4	51.6	21.91	14.11	19.47	Tech
CLH str	-57.53	4.6	161.43	68.56	16.74	22.24	Indu
SPNS no1	-57.54	7.4	28.23	11.99	14.11	21.39	Tech
SUM c M	-57.59	9	31.43	13.33	13.26	21.68	Basi
ETWO no1	-57.6	6.8	4.17	1.77	14.11	20.85	Tech
ADC Es	-57.65	2.01	53.9	22.82	26.99	31.71	Real
ELAN thc	-57.66	-0.2	10.41	4.41	11.49	12.1	Heal
DNB nci	-57.72	-0.24	9.54	4.03	9.25	9.74	Fina
CSGP Es	-57.72	15.9	75.17	31.78	26.99	60.14	Real
FIVN no1	-57.74	17.5	61.32	25.91	14.11	33.69	Tech
HWM str	-57.77	7.9	45.2	19.09	16.74	26.12	Indu
ORA iti	-57.8	12.8	67.6	28.53	16.13	31.44	Util
LII str	-57.81	4.2	366.14	154.48	16.74	21.96	Indu
PAA gy	-57.84	1.4	14.47	6.1	9.79	11.22	Ener
NYCB nci	-57.84	-0.3	10.71	4.52	7.27	7.65	Fina
KLAC no1	-57.84	6.02	455.45	192	14.11	20.2	Tech
TXN no1	-57.89	7.2	156.86	66.06	14.11	21.37	Tech
CSX str	-57.97	2.2	30.73	12.91	13.83	16.52	Indu
GRMN no1	-57.98	5.6	102.92	43.24	14.11	19.87	Tech
NVGS gy	-57.99	1.9	13.85	5.82	9.79	11.54	Ener
OCFC nci	-58.05	-0.4	13.87	5.82	7.01	7.38	Fina
AON nci	-58.14	5.8	321.33	134.5	15.86	22.63	Fina
GDRX thc	-58.18	0.6	5.24	2.19	18.12	20.13	Heal
GL nci	-58.2	4.8	107.87	45.09	7.55	10.29	Fina
DG ume	-58.2	-0.47	105.06	43.92	12.89	13.57	Cons
REG Es	-58.21	-0.69	56.48	23.61	26.99	28.1	Real
USNA ume	-58.27	3.6	57.88	24.15	13.95	17.98	Cons
HLF ume	-58.28	-0.5	12.97	5.41	4.87	5.13	Cons
COLL thc	-58.34	0.55	22.73	9.47	17.95	19.94	Heal
PLTK uni	-58.46	3.2	9.37	3.89	9.12	11.56	Comm
MCRI ume	-58.48	3.9	62.31	25.87	10.54	13.85	Cons
TPH	-58.48	-0.6	26.15	10.86	7.76	8.17	Cons

ume							
ADT	-58.5	-1.4	6.1	2.53	16.74	16.93	Indu
str							
WERN	-58.53	0.45	38.03	15.77	15.01	16.68	Indu
str							
PDCO	-58.54	3.9	30.05	12.46	9.13	12.02	Heal
thc							
CDW	-58.56	6.4	203.96	84.52	14.11	20.92	Tech
no1							
MNTX	-58.59	6.1	4.49	1.86	8.54	12.47	Indu
str							
DLB	-58.61	4.7	79.11	32.74	16.74	22.93	Indu
str							
WFRD	-58.62	9.6	86.68	35.86	9.79	16.86	Ener
gy							
PAYX	-58.68	5.8	113.99	47.1	16.74	24.2	Indu
str							
MHK	-58.72	-0.72	81.09	33.47	8.27	8.71	Cons
ume							
FANG	-58.74	-0.73	145.89	60.19	7.93	8.35	Ener
gy							
HY	-58.76	3.5	45.44	18.74	8.54	11.08	Indu
str							
OTIS	-58.83	4.3	78.9	32.49	16.74	22.61	Indu
str							
MSFT	-58.86	13.3	316.73	130.31	14.11	28.85	Tech
no1							
IOSP	-58.9	3.5	99.77	41.01	13.26	17.26	Basi
c M							
DFIN	-58.93	3.4	54.4	22.34	13.45	17.44	Fina
nci							
STZ	-58.95	6.8	248.92	102.17	13.95	21.28	Cons
ume							
CIR	-58.95	4.7	55.72	22.87	16.74	23.12	Indu
str							
MSA	-58.99	5.3	154.79	63.48	16.74	23.81	Indu
str							
AMCR	-59.01	2.3	8.97	3.68	10.54	12.99	Cons
ume							
FBNC	-59.11	0.5	27.38	11.2	10.02	11.31	Fina
nci							
FUL	-59.13	4.3	68.93	28.17	13.26	18.04	Basi
c M							
DGX	-59.14	-0.92	120.82	49.37	13.18	13.87	Heal
thc							
ELS	-59.21	5.5	61.94	25.27	26.99	38.96	Real
Es							
CCK	-59.28	3.6	86.46	35.21	10.54	13.92	Cons
ume							
SNBR	-59.36	5	21.18	8.61	10.54	14.92	Cons
ume							
SRCL	-59.37	3.4	41.27	16.77	16.74	21.95	Indu
str							
TEL	-59.4	3.1	122.21	49.62	14.11	18.24	Tech
no1							
KEX	-59.41	3.2	81.13	32.93	16.74	21.75	Indu
str							
CMCSA	-59.45	2.5	43.45	17.62	9.12	11.46	Comm
uni							
FCN	-59.46	7.8	181.52	73.58	16.74	27.09	Indu
str							
ITI	-59.49	10.7	4.18	1.69	14.11	26.12	Tech
no1							
MP	-59.53	27.32	17.29	7	13.26	49.4	Basi
c M							

COLM	-59.53	5.7	69.99	28.33	10.54	15.48	Cons
ume							
PPG	-59.55	3.3	130.14	52.65	13.26	17.37	Basi
c M							
DENN	-59.61	3.5	8.24	3.33	10.54	13.96	Cons
ume							
KRP	-59.66	3.55	15.37	6.2	9.79	13.03	Ener
gy							
DEN	-59.67	9.7	93.83	37.84	9.79	17.38	Ener
gy							
BHF	-59.71	-1.2	45.43	18.3	2.85	3	Fina
nci							
PRLB	-59.74	3.3	25.77	10.38	16.74	22.03	Indu
str							
AWK	-59.77	6.1	116.56	46.9	16.13	24.28	Util
iti							
BRO	-59.78	8.2	69.82	28.08	15.86	26.35	Fina
nci							
CRI	-59.86	-1.2	65.74	26.39	10.54	11.14	Cons
ume							
GCO	-59.86	2	29.92	12.01	10.54	13.06	Cons
ume							
DCGO	-59.91	25.4	5.3	2.12	15.21	53	Heal
thc							
NOG	-59.91	-1.3	37.41	15	4.67	4.92	Ener
gy							
LZ	-59.94	9.5	10.38	4.16	16.74	29.66	Indu
str							
RMBS	-59.96	14.72	55.2	22.1	14.11	31.54	Tech
no1							
SAIA	-59.98	10.5	403.66	161.55	16.74	31.05	Indu
str							
SLB	-60.02	11.4	56.4	22.55	9.79	18.93	Ener
gy							
AGR	-60.12	-1.4	28.47	11.35	12.63	13.3	Util
iti							
SON	-60.14	-1.41	53.49	21.32	9.7	10.21	Cons
ume							
GHL	-60.15	16.7	14.81	5.9	13.45	32.9	Fina
nci							
FOXF	-60.16	9.6	93.7	37.33	10.54	18.85	Cons
ume							
HLI	-60.17	8.7	103.21	41.11	13.45	23.09	Fina
nci							
EOG	-60.2	-1	119.61	47.61	9.79	10.54	Ener
gy							
FLO	-60.23	2.25	21.56	8.57	13.95	17.67	Cons
ume							
CMCO	-60.31	4.6	34.23	13.59	8.54	12.14	Indu
str							
SCHL	-60.39	5.7	38.18	15.12	9.12	13.68	Comm
uni							
GPC	-60.47	4.9	141	55.74	10.54	15.26	Cons
ume							
MMC	-60.49	6.2	189.62	74.92	15.86	24.43	Fina
nci							
DELL	-60.52	-1.6	66.85	26.39	10.01	10.54	Tech
no1							
FBIN	-60.53	7.53	59.76	23.59	9.41	15.44	Indu
str							
ACIW	-60.55	6.6	20.85	8.23	14.11	22.18	Tech
no1							
ADSK	-60.55	11.3	205.31	81	14.11	27.52	Tech
no1							
PLOW	-60.57	6.9	29.09	11.47	10.54	16.82	Cons

ume							
AXTA	-60.6	4	26.94	10.62	13.26	18.45	Basi
c M							
AHCO	-60.62	6.8	8.22	3.24	8.2	13.05	Heal
thc							
AVD	-60.66	-1	15.02	5.91	13.26	14.44	Basi
c M							
HPQ	-60.71	-1.69	25.96	10.2	7.48	7.87	Tech
no1							
LPRO	-60.73	-0.65	6.89	2.71	17.7	19.67	Fina
nci							
CNP	-60.74	-1.07	26.13	10.26	16.13	17.54	Util
iti							
ACA	-60.78	4.1	70.05	27.47	16.74	23.51	Indu
str							
RAMP	-60.8	9.1	29.07	11.4	14.11	25.06	Tech
no1							
CG	-60.86	-1.77	29.16	11.41	9.14	9.62	Fina
nci							
TDY	-60.95	5	397.64	155.26	14.11	20.78	Tech
no1							
TPX	-60.96	5.3	40.95	15.99	10.54	15.75	Cons
ume							
CSL	-60.98	6.1	249.73	97.44	9.41	14.61	Indu
str							
CRWD	-61.01	28.6	162.3	63.28	14.11	57.35	Tech
no1							
WM	-61.03	5.8	152.42	59.39	16.74	25.66	Indu
str							
BKNG	-61.05	11.4	3042.97	1185.26	10.54	20.92	Cons
ume							
CSWI	-61.06	4.7	172.06	67.01	16.74	24.37	Indu
str							
DRI	-61.11	5.5	140.31	54.57	10.54	15.96	Cons
ume							
AMRX	-61.12	-1.9	4.12	1.6	7.11	7.48	Heal
thc							
MOD	-61.12	5.3	44.74	17.4	10.54	15.81	Cons
ume							
HSIC	-61.2	5.5	73.06	28.34	9.13	13.86	Heal
thc							
CEG	-61.23	0.9	104.48	40.5	16.13	19.6	Util
iti							
CPRT	-61.24	9.1	43.02	16.67	16.74	30.08	Indu
str							
RSG	-61.25	6.3	141.61	54.87	16.74	26.42	Indu
str							
FTDR	-61.3	7.3	29.17	11.29	10.54	17.46	Cons
ume							
KO	-61.31	5.1	54.98	21.27	13.95	20.83	Cons
ume							
APA	-61.32	-2	37.79	14.62	7.81	8.22	Ener
gy							
ADP	-61.33	6.2	241.06	93.23	16.74	26.35	Indu
str							
SXT	-61.43	3.8	56.16	21.66	13.26	18.66	Basi
c M							
HEP	-61.49	-1.2	20.39	7.85	9.79	10.79	Ener
gy							
PD	-61.5	15.2	21.45	8.26	14.11	33.51	Tech
no1							
INVH	-61.51	4.8	31.14	11.99	26.99	39.92	Real
Es							
MLM	-61.52	8.3	410.27	157.88	13.26	23.13	Basi
c M							

SHYF	-61.53	11.5	14.54	5.59	16.74	33.8	Indu
str							
ULTA	-61.53	4.8	396.88	152.66	10.54	15.61	Cons
ume							
DTM	-61.66	4	51.11	19.6	9.79	14	Ener
gy							
PATH	-61.68	19.1	16.31	6.25	14.11	39.78	Tech
no1							
CWT	-61.75	8.3	46.41	17.75	16.13	28.3	Util
iti							
WT	-61.79	2.02	6.93	2.65	14.79	19.25	Fina
nci							
BZ	-61.87	8.1	14.89	5.68	16.74	29.2	Indu
str							
APTV	-61.95	9.9	94.27	35.87	10.54	20.01	Cons
ume							
MEI	-61.95	8.6	22.97	8.74	14.11	25.24	Tech
no1							
GRC	-62.07	5	31.47	11.94	16.74	25.38	Indu
str							
SJW	-62.11	3.9	57.35	21.73	16.13	23.22	Util
iti							
PGR	-62.12	11.3	139.47	52.83	14.31	29.06	Fina
nci							
MMP	-62.18	1.6	64.9	24.54	9.79	12.63	Ener
gy							
GGG	-62.23	4	72.65	27.44	16.74	24.3	Indu
str							
FTNT	-62.25	17.8	57.7	21.78	14.11	38.21	Tech
no1							
RBC	-62.26	5.9	230.79	87.1	16.74	26.62	Indu
str							
ARTNA	-62.29	4	41.03	15.47	16.13	23.44	Util
iti							
AVTR	-62.3	3.8	20.43	7.7	13.26	19.09	Basi
c M							
HSY	-62.37	4.2	195.6	73.6	13.95	20.52	Cons
ume							
ARCB	-62.41	-1.5	97.94	36.82	14.06	15.62	Indu
str							
FTV	-62.43	4.8	72.93	27.4	14.11	21.39	Tech
no1							
MDLZ	-62.44	4.5	67.58	25.38	13.95	20.86	Cons
ume							
CIM	-62.44	-2.54	4.95	1.86	7.7	8.11	Real
Es							
FC	-62.45	10.5	41.71	15.66	16.74	33.1	Indu
str							
ITW	-62.46	3.13	229.21	86.05	16.74	23.44	Indu
str							
STKS	-62.55	1.2	5.12	1.92	10.54	13.47	Cons
ume							
LMAT	-62.56	6	54.38	20.36	26.39	42.48	Heal
thc							
IPGP	-62.57	4.6	99.11	37.09	14.11	21.27	Tech
no1							
YETI	-62.6	8.58	43.87	16.41	10.54	19.16	Cons
ume							
VC	-62.62	9.3	131.82	49.28	10.54	19.82	Cons
ume							
BRC	-62.63	3.2	55.51	20.74	9.74	13.74	Indu
str							
AEHR	-62.67	20	44.07	16.45	14.11	42.38	Tech
no1							
GNRC	-62.67	-1.44	101.29	37.81	16.74	18.79	Indu

str	-62.7	-2.71	17	6.34	7.72	8.13	Fina
nci	-62.72	6.1	54.15	20.19	16.74	27.21	Indu
FAST	-62.74	16.9	207.82	77.44	14.11	37.24	Tech
str	-62.78	3.5	223.85	83.32	16.74	24.07	Indu
WDAY	-62.78	7	5.62	2.09	10.02	17.02	Fina
no1	-62.78	1.9	190.57	70.93	26.99	35.89	Real
KAI	-62.81	1.5	22.07	8.21	16.74	21.85	Indu
str	-62.83	10.8	65.74	24.44	16.74	33.89	Indu
FFWM	-62.87	9.2	28.39	10.54	13.95	26.29	Cons
nci	-62.93	4.3	13.77	5.1	10.54	15.82	Cons
SBAC	-62.99	1.3	3.7	1.37	10.54	13.7	Cons
Es	-63.02	38.4	155.35	57.45	13.95	86.31	Cons
NSSC	-63.02	11.2	37.57	13.89	9.12	18.88	Comm
str	-63.02	3.7	37.62	13.91	8.2	11.98	Heal
HXL	-63.06	4.9	51.63	19.07	9.41	14.58	Indu
str	-63.15	-2.94	44.03	16.23	7.28	7.66	Ener
GO	-63.16	5	41.97	15.46	14.31	22.32	Fina
ume	-63.17	5.3	29.88	11.01	10.54	16.69	Cons
DAN	-63.23	1.7	119.98	44.11	13.95	18.6	Cons
ume	-63.27	12.5	510.55	187.52	14.11	31.19	Tech
WOOF	-63.35	3.9	11.64	4.27	26.99	40.14	Real
ume	-63.36	6.1	165.4	60.6	14.11	23.33	Tech
CELH	-63.38	6.45	238.2	87.22	14.11	23.73	Tech
ume	-63.4	7.3	122.23	44.74	16.74	29.31	Indu
MTCH	-63.41	5.4	72.65	26.58	16.74	26.81	Indu
uni	-63.44	4.7	6.13	2.24	14.11	21.87	Tech
IART	-63.45	9.7	96	35.09	10.54	20.64	Cons
thc	-63.48	6.07	21.66	7.91	10.54	17.47	Cons
JCI	-63.6	-1.3	73.18	26.63	16.74	19.41	Indu
str	-63.6	5	116.24	42.31	16.25	25.66	Heal
DVN	-63.6	6.1	21.89	7.97	32.88	54.73	Heal
gy	-63.61	4.1	101.34	36.88	16.74	25.34	Indu
STC							
nci							
FRG							
ume							
KMB							
ume							
INTU							
no1							
ROIC							
Es							
VMW							
no1							
EPAM							
no1							
WWD							
str							
MMS							
str							
YEXT							
no1							
TXRH							
ume							
SIX							
ume							
RHI							
str							
HZNP							
thc							
HSTM							
thc							
JBT							
str							

LOGI no1	-63.65	7	69.67	25.32	14.11	24.53	Tech
MODG ume	-63.66	9.9	13.2	4.8	10.54	20.95	Cons
CHX gy	-63.67	7.9	33.93	12.33	9.79	17.76	Ener
RPM c M	-63.7	4.1	98.18	35.64	13.26	20.12	Basi
MKTX nci	-63.73	12.17	206.83	75.02	13.45	29.67	Fina
PWSC no1	-63.8	8.3	21.71	7.86	14.11	26.16	Tech
CNS nci	-63.82	1.7	59.08	21.37	14.79	20.03	Fina
INFA no1	-63.84	6.7	20.66	7.47	14.11	24.31	Tech
ABC thc	-63.85	5.8	179.98	65.06	9.13	15.09	Heal
UPS str	-63.91	-2.3	152.99	55.22	14.68	16.31	Indu
FIVE ume	-63.93	16.9	156.38	56.4	10.54	28.75	Cons
MRVL no1	-63.96	14.15	52.65	18.97	14.11	34.19	Tech
MORN nci	-64.05	9.8	226.3	81.35	28	56.01	Fina
DECK ume	-64.09	11.1	506.16	181.75	10.54	22.39	Cons
KNSL nci	-64.1	15	412.7	148.16	14.31	36.11	Fina
CDRE str	-64.15	6	26.74	9.59	16.74	28.15	Indu
LSEA Es	-64.18	4.8	8.25	2.95	7.63	12.13	Real
HOFT ume	-64.21	11.9	19.55	7	10.54	23.27	Cons
AMT Es	-64.23	2.8	157.24	56.25	26.99	39.02	Real
ROCK str	-64.24	6.3	64.85	23.19	9.41	16.09	Indu
THRM ume	-64.3	10.4	54.78	19.55	10.54	21.82	Cons
PRI nci	-64.33	4.8	189.36	67.55	7.55	12.06	Fina
SGRY thc	-64.36	8.9	27.39	9.76	15.21	29.45	Heal
SYF nci	-64.41	-3.62	28.87	10.28	5.39	5.67	Fina
MCK thc	-64.43	6.9	438.68	156.05	9.13	16.15	Heal
CL ume	-64.43	4.6	70.15	24.95	13.95	22.13	Cons
CVLT no1	-64.48	5.8	67.13	23.85	14.11	23.72	Tech
BRBR ume	-64.51	12.1	40.76	14.47	13.95	31.35	Cons
TDC no1	-64.53	4.5	44.23	15.69	14.11	22.34	Tech
SBRA Es	-64.53	4.9	13.5	4.79	26.99	43.55	Real
ESLT str	-64.53	6.7	201.76	71.56	16.74	29.41	Indu
BR no1	-64.59	5.3	177.56	62.88	14.11	23.24	Tech
PSN	-64.63	5.7	53.83	19.04	14.11	23.71	Tech

no1								
CINF	-64.63	1.5	98.52	34.84	14.31	19.63	Fina	
nci								
PEP	-64.67	4.7	167.65	59.24	13.95	22.38	Cons	
ume								
ATHM	-64.7	0.66	28.97	10.23	9.12	12.02	Comm	
uni								
ADBE	-64.74	12.3	512.88	180.86	14.11	32.2	Tech	
no1								
YUMC	-64.77	13	52.91	18.64	10.54	24.84	Cons	
ume								
OLLI	-64.8	9.2	75.43	26.55	13.95	27.73	Cons	
ume								
AWI	-64.86	3.4	70.15	24.65	9.41	14.26	Indu	
str								
MAS	-64.91	3.4	51.42	18.04	9.41	14.28	Indu	
str								
CALX	-64.93	12.1	43.97	15.42	14.11	32.09	Tech	
no1								
MWA	-64.98	1.8	12.49	4.37	16.74	23.56	Indu	
str								
HTHT	-65.07	10.7	37.52	13.11	10.54	22.6	Cons	
ume								
WSO	-65.1	4.3	373.23	130.24	16.74	26.68	Indu	
str								
ELF	-65.1	17.6	98.03	34.21	13.95	40.51	Cons	
ume								
NIC	-65.11	5.5	68.6	23.94	10.02	16.9	Fina	
nci								
ADNT	-65.14	3.6	35.12	12.24	10.54	16.26	Cons	
ume								
CLBT	-65.24	16.5	7.45	2.59	14.11	39.21	Tech	
no1								
ACN	-65.24	6.7	308.59	107.27	14.11	25.29	Tech	
no1								
MCW	-65.29	6	5.5	1.91	10.54	18.33	Cons	
ume								
LEG	-65.29	3.1	24.39	8.47	10.54	15.94	Cons	
ume								
IEX	-65.29	3.5	205.74	71.41	16.74	25.81	Indu	
str								
JOUT	-65.31	2.7	52.88	18.34	10.54	15.64	Cons	
ume								
TREX	-65.33	8.5	57.91	20.08	16.74	32.72	Indu	
str								
MSI	-65.36	5.3	272.78	94.48	14.11	23.76	Tech	
no1								
PXD	-65.37	-4	216.5	74.97	9.79	10.39	Ener	
gy								
CHE	-65.44	5.1	508.01	175.55	15.21	25.43	Heal	
thc								
TBI	-65.44	4.4	14.89	5.15	16.74	27.07	Indu	
str								
PDFS	-65.52	19.8	31.39	10.82	14.11	45.49	Tech	
no1								
BWXT	-65.55	2.49	72.56	25	16.74	24.76	Indu	
str								
WCN	-65.58	7.7	133.02	45.79	16.74	31.75	Indu	
str								
LOW	-65.59	1.5	199.71	68.72	10.54	14.87	Cons	
ume								
BL	-65.61	13.4	52.68	18.12	14.11	34.66	Tech	
no1								
PLNT	-65.63	9.4	47	16.15	10.54	21.66	Cons	
ume								

KBH ume	-65.64	-4.3	44.16	15.17	6.08	6.4	Cons
CHTR uni	-65.65	2.4	431.42	148.2	9.12	13.46	Comm
AZO ume	-65.65	3.8	2474.51	850.04	10.54	16.66	Cons
IPAR ume	-65.67	9.3	130.25	44.71	13.95	28.56	Cons
SIRI uni	-65.77	3.1	4.34	1.49	9.12	14	Comm
APD c M	-65.81	7.1	282.65	96.65	13.26	24.62	Basi
U no1	-65.89	20.3	29.1	9.93	14.11	46.94	Tech
CAMT no1	-65.94	11.6	60.09	20.47	14.11	32.31	Tech
CHUY ume	-65.97	5.9	34.2	11.64	10.54	18.59	Cons
RGLD c M	-65.97	10	102.33	34.83	13.26	28.27	Basi
MRCY str	-65.99	4	35.9	12.21	16.74	26.99	Indu
LH thc	-65.99	-4.49	197.91	67.31	13.77	14.5	Heal
ALLE str	-66.06	3.3	102.75	34.88	9.74	15.2	Indu
BEN nci	-66.07	-4.54	23.34	7.92	9.32	9.81	Fina
STRA ume	-66.18	5.6	76.65	25.92	13.95	24.41	Cons
CRGY gy	-66.2	-4.6	11.27	3.81	7.13	7.51	Ener
ANET no1	-66.22	9.98	186.8	63.1	14.11	30.28	Tech
PG ume	-66.25	4	145.03	48.95	13.95	22.66	Cons
BALL ume	-66.28	3.1	48.73	16.43	10.54	16.41	Cons
PANW no1	-66.31	18.4	234.01	78.84	14.11	43.9	Tech
FFIC nci	-66.33	0.1	12.13	4.08	10.02	13.48	Fina
TROX c M	-66.38	7.23	11.85	3.98	13.26	25.2	Basi
KWR c M	-66.45	3.1	154.76	51.92	13.26	20.74	Basi
LPX str	-66.47	5	53.09	17.8	9.41	16.14	Indu
AXON str	-66.5	19.7	190.9	63.95	16.74	55.33	Indu
OLN c M	-66.52	-4.8	47.43	15.88	10.91	11.48	Basi
NATI no1	-66.59	5.79	59.75	19.96	14.11	25.21	Tech
MDXG thc	-66.64	13.1	7.34	2.45	41.94	104.86	Heal
LESL ume	-66.7	4.5	5.16	1.72	10.54	17.79	Cons
MNST ume	-66.77	11.7	50.65	16.83	13.95	32.89	Cons
MPWR no1	-66.8	14.9	450.94	149.7	14.11	38.35	Tech
GBCI nci	-66.82	1.4	27.54	9.14	10.02	14.57	Fina
APPS	-66.83	-5	5.78	1.92	8.2	8.63	Tech

no1								
AVAV	-66.85	11.7	106.05	35.15	16.74	39.57	Indu	
str								
SFST	-66.92	8	25.84	8.55	10.02	20.03	Fina	
nci								
ODFL	-66.93	10	401.15	132.64	16.74	36.74	Indu	
str								
META	-67.01	12.5	301.01	99.32	9.12	22.43	Comm	
uni								
TTEK	-67.01	4.9	152.18	50.21	16.74	29.04	Indu	
str								
VRSN	-67.04	8	202.07	66.6	14.11	28.34	Tech	
no1								
MAT	-67.07	4.1	21.17	6.97	10.54	17.64	Cons	
ume								
ONTO	-67.38	12	126.05	41.12	14.11	34.34	Tech	
no1								
SCI	-67.38	1.7	54.66	17.83	10.54	15.84	Cons	
ume								
AMSWA	-67.5	5.8	11.16	3.63	14.11	25.95	Tech	
no1								
AAP	-67.5	-5.1	52.54	17.07	10.54	11.25	Cons	
ume								
DFH	-67.57	-5.4	20.86	6.76	8.23	8.66	Cons	
ume								
XPOF	-67.66	15.2	15.5	5.01	10.54	29.81	Cons	
ume								
ZBRA	-67.68	3.7	229.74	74.24	14.11	23.59	Tech	
no1								
CTAS	-67.69	7.3	480.12	155.14	16.74	33.2	Indu	
str								
QSR	-67.72	6	63.79	20.59	10.54	19.69	Cons	
ume								
ZWS	-67.76	4.2	27.01	8.71	16.74	28.73	Indu	
str								
XPO	-67.79	4.7	72.49	23.35	16.74	29.47	Indu	
str								
BURL	-67.89	8.8	128.33	41.2	10.54	22.55	Cons	
ume								
DHI	-67.95	-5.62	103.42	33.14	7.4	7.79	Cons	
ume								
UTZ	-67.99	3.7	12.94	4.14	13.95	23.53	Cons	
ume								
TROW	-68.09	-5.7	99.79	31.85	13.04	13.73	Fina	
nci								
CLX	-68.11	2.6	131.31	41.87	13.95	22.41	Cons	
ume								
AFL	-68.11	3.2	75.21	23.99	7.55	12.49	Fina	
nci								
PTC	-68.15	10.06	137.94	43.94	14.11	32.23	Tech	
no1								
WST	-68.17	4.64	367.81	117.07	26.39	46.85	Heal	
thc								
RPD	-68.19	12.8	45.97	14.62	14.11	36.48	Tech	
no1								
KEY	-68.24	-5.8	10.06	3.2	8.61	9.06	Fina	
nci								
BCPC	-68.32	9.6	122.27	38.74	13.26	29.82	Basi	
c M								
MUSA	-68.33	1.1	345.81	109.52	10.54	15.84	Cons	
ume								
DGICA	-68.36	6.6	14.01	4.43	14.31	28.02	Fina	
nci								
ZBH	-68.36	4.5	109.14	34.53	8.2	14.55	Heal	
thc								

TSCO	-68.39	5.9	205.92	65.1	10.54	20.01	Cons
ume							
BKR	-68.39	9.6	33.56	10.61	9.79	22.08	Ener
gy							
CRT0	-68.48	-4.87	28.73	9.06	9.12	10.15	Comm
uni							
PCH	-68.64	5	45.02	14.12	26.99	49.47	Real
Es							
KMI	-68.69	0.3	16.01	5.01	9.79	14.29	Ener
gy							
HAS	-68.74	0.27	62.36	19.5	10.54	15.4	Cons
ume							
CNK	-68.78	2.8	18.13	5.66	9.12	15.1	Comm
uni							
NOW	-68.79	21.8	544.39	169.9	14.11	54.6	Tech
no1							
ROP	-68.85	7.6	485.1	151.08	14.11	29.44	Tech
no1							
LCII	-68.88	10	115.03	35.8	10.54	24.58	Cons
ume							
OOMA	-69.1	9.5	12.76	3.94	9.12	20.92	Comm
uni							
WSM	-69.18	-7	150.82	46.49	10.54	10.72	Cons
ume							
ROG	-69.25	8.4	129.66	39.86	14.11	30.95	Tech
no1							
ANSS	-69.26	10	287.71	88.45	14.11	33.3	Tech
no1							
LSCC	-69.28	13.1	79.65	24.47	14.11	38.29	Tech
no1							
EA	-69.32	5.65	120.01	36.82	9.12	17.62	Comm
uni							
NTES	-69.35	2.55	98.47	30.18	9.12	15.2	Comm
uni							
KALU	-69.36	4.2	69.22	21.21	13.26	23.95	Basi
c M							
TMHC	-69.37	-6.47	40.92	12.53	5.47	5.76	Cons
ume							
NVR	-69.4	-3.5	5885	1800.57	10.54	12.99	Cons
ume							
SIMO	-69.41	5	51.45	15.74	14.11	26.52	Tech
no1							
TER	-69.44	10.67	98.79	30.19	14.11	34.54	Tech
no1							
OLED	-69.45	13.29	155.31	47.45	14.11	38.83	Tech
no1							
AMED	-69.46	-1.62	93.25	28.48	15.21	20.68	Heal
thc							
GDDY	-69.5	7.7	73.09	22.29	14.11	30.2	Tech
no1							
RLI	-69.5	8.1	133.48	40.71	14.31	31.19	Fina
nci							
OHI	-69.55	-5.7	32.16	9.79	26.99	29.77	Real
Es							
WMT	-69.57	3.6	159.25	48.46	13.95	24.65	Cons
ume							
COF	-69.58	-6.6	92.3	28.08	7.5	7.89	Fina
nci							
PINS	-69.63	15	26.1	7.93	9.12	27.19	Comm
uni							
ESE	-69.7	6.5	105.49	31.96	14.11	28.74	Tech
no1							
JKHY	-69.7	7	146.2	44.31	14.11	29.42	Tech
no1							
HRL	-69.7	2.2	37.69	11.42	13.95	23.12	Cons

ume							
ITRI	-69.72	4.7	57.59	17.44	14.11	26.42	Tech
no1							
WH	-69.74	1.3	66.81	20.22	10.54	16.74	Cons
ume							
MNRO	-69.75	2.6	26.94	8.15	10.54	17.84	Cons
ume							
REX	-69.79	-2.5	39.21	11.84	13.26	17.43	Basi
c M							
SBUX	-69.85	10.8	90.75	27.37	10.54	26.3	Cons
ume							
ALTO	-69.89	11.3	4.08	1.23	13.26	33.96	Basi
c M							
MCD	-69.94	6.8	254.22	76.43	10.54	21.95	Cons
ume							
ERIE	-69.97	10	294.65	88.49	15.86	38.32	Fina
nci							
GOOGL	-70.12	11.4	133.45	39.88	9.12	23.58	Comm
uni							
YUM	-70.14	8	122.71	36.64	10.54	23.37	Cons
ume							
SCL	-70.14	4.4	69	20.6	13.26	24.82	Basi
c M							
GOLF	-70.15	2.5	51.49	15.37	10.54	18	Cons
ume							
AAPL	-70.21	6	173.37	51.64	14.11	28.56	Tech
no1							
ALG	-70.22	3.8	173.01	51.53	8.54	15.57	Indu
str							
WLK	-70.23	-7.8	121.53	36.18	13.26	13.37	Basi
c M							
HTLD	-70.25	4.7	14.34	4.27	16.74	31.87	Indu
str							
ASTE	-70.38	1.3	45.34	13.43	8.54	13.86	Indu
str							
REVG	-70.4	0.7	15.76	4.66	8.54	13.47	Indu
str							
SKY	-70.45	1.6	60.37	17.84	10.54	17.4	Cons
ume							
MDT	-70.46	3.47	75.91	22.43	8.2	14.83	Heal
thc							
AVY	-70.48	6.9	180.58	53.31	10.54	22.46	Cons
ume							
APH	-70.52	5.5	82.31	24.26	14.11	28.19	Tech
no1							
TTEC	-70.54	-7.2	25.33	7.46	9.43	9.93	Tech
no1							
TDW	-70.54	5	64.81	19.09	9.79	19.12	Ener
gy							
WEN	-70.57	4.1	19.35	5.69	10.54	19.74	Cons
ume							
LULU	-70.57	13.4	367.94	108.3	10.54	30.26	Cons
ume							
FUN	-70.58	-2.12	36.71	10.8	10.54	14.51	Cons
ume							
VMC	-70.59	7.8	202.23	59.48	13.26	29.57	Basi
c M							
IFF	-70.65	-0.58	65.05	19.09	13.26	19.77	Basi
c M							
RRR	-70.7	1.7	39.35	11.53	10.54	17.64	Cons
ume							
VICR	-70.76	17.8	56.24	16.44	14.11	49.33	Tech
no1							
LIN	-70.8	5.5	373.77	109.14	13.26	26.74	Basi
c M							

LLY	-70.82	16.5	529.12	154.37	16.25	53.83	Heal
thc							
MSEX	-70.82	2.7	63.99	18.68	16.13	28.44	Util
iti							
ERII	-70.95	20	20.03	5.82	16.74	64.61	Indu
str							
ITGR	-70.97	6.7	76.75	22.28	8.2	17.6	Heal
thc							
RRC	-70.97	-2.77	30.22	8.77	9.79	13.2	Ener
gy							
Tw	-71.04	11.8	79.29	22.97	13.45	36.54	Fina
nci							
CXM	-71.06	15.8	13.74	3.98	14.11	45.78	Tech
no1							
SPLK	-71.06	11.7	146.29	42.33	14.11	38.2	Tech
no1							
POOL	-71.11	-0.77	336.36	97.17	16.74	25.12	Indu
str							
SOVO	-71.15	8.7	22.5	6.49	13.95	33.08	Cons
ume							
VREX	-71.15	4.2	18.87	5.44	8.2	15.73	Heal
thc							
MTH	-71.15	-7.59	116.34	33.57	5.68	5.98	Cons
ume							
MRK	-71.17	5.7	101.8	29.35	16.25	33.49	Heal
thc							
LBRDA	-71.19	1.7	88.07	25.37	9.12	15.51	Comm
uni							
FAF	-71.25	-7.65	53.1	15.26	11.92	12.55	Fina
nci							
MKC	-71.25	3.2	67.59	19.43	13.95	25.6	Cons
ume							
ESMT	-71.27	22.8	18.55	5.33	14.11	61.83	Tech
no1							
MAR	-71.28	6.4	194.15	55.77	10.54	22.55	Cons
ume							
WLY	-71.36	2	35.65	10.21	9.12	15.84	Comm
uni							
SFL	-71.37	-7.7	10.61	3.04	12.29	12.94	Indu
str							
CASY	-71.45	6.1	268.39	76.62	10.54	22.37	Cons
ume							
BLBD	-71.49	7	20.55	5.86	10.54	23.35	Cons
ume							
ETSY	-71.57	9.5	63.65	18.09	10.54	26.3	Cons
ume							
CRMT	-71.58	3.8	90.25	25.65	10.54	20.14	Cons
ume							
FIZZ	-71.63	2.9	47.27	13.41	13.95	25.55	Cons
ume							
INFN	-71.69	7.6	3.9	1.1	14.11	32.5	Tech
no1							
ZS	-71.73	24.7	151.86	42.94	14.11	67.79	Tech
no1							
AIN	-71.78	6.6	83.89	23.67	10.54	23.17	Cons
ume							
ENFN	-71.8	19.8	8.89	2.51	14.11	55.56	Tech
no1							
QLYS	-71.84	8	152.58	42.97	14.11	33.17	Tech
no1							
SNPS	-71.88	12.9	459.45	129.19	14.11	41.47	Tech
no1							
TTD	-71.88	22.9	78.61	22.1	14.11	63.4	Tech
no1							
ROST	-71.93	4.8	111.67	31.35	10.54	21.39	Cons

ume							
ROAD	-71.98	10.7	37.14	10.41	16.74	44.75	Indu
str							
PDD	-72.06	2.96	97.35	27.2	10.54	19.67	Cons
ume							
REYN	-72.15	1.7	25.6	7.13	10.54	18.55	Cons
ume							
UCTT	-72.2	13.2	29.32	8.15	14.11	42.49	Tech
no1							
NUVA	-72.25	6.6	39.75	11.03	8.2	18.32	Heal
thc							
DDOG	-72.29	23.3	86.96	24.09	14.11	65.38	Tech
no1							
ICHR	-72.36	15.6	29.91	8.27	14.11	47.47	Tech
no1							
QTWO	-72.45	10.8	30.82	8.49	14.11	38.52	Tech
no1							
CVGW	-72.46	8.7	23.9	6.58	13.95	34.64	Cons
ume							
RH	-72.5	7.7	249.31	68.55	10.54	25.03	Cons
ume							
HEI	-72.53	14.94	158.65	43.58	16.74	55.09	Indu
str							
AZEK	-72.55	8.8	28.48	7.82	16.74	41.88	Indu
str							
WYNN	-72.59	12.1	88.95	24.39	10.54	30.67	Cons
ume							
COOP	-72.61	-8.54	53.37	14.62	8.15	8.58	Fina
nci							
VVV	-72.64	10	31.15	8.52	9.79	25.96	Ener
gy							
LANC	-72.66	3	162.59	44.45	13.95	26.65	Cons
ume							
MRO	-72.98	-8.79	24.48	6.62	8.98	9.45	Ener
gy							
SHW	-73.02	3	251.6	67.88	13.26	25.67	Basi
c M							
CHH	-73.26	2.5	119.58	31.97	10.54	20.1	Cons
ume							
EXPO	-73.29	7.9	84.26	22.51	16.74	41.3	Indu
str							
NKE	-73.32	7.6	95.54	25.49	10.54	25.68	Cons
ume							
HLT	-73.34	6.6	148.57	39.62	10.54	24.52	Cons
ume							
HUBG	-73.44	-9.1	78.73	20.91	12.28	12.93	Indu
str							
ORLY	-73.51	5.8	898.32	237.94	10.54	23.77	Cons
ume							
MTN	-73.55	4.8	210.67	55.73	10.54	22.7	Cons
ume							
AMD	-73.6	8.96	102.1	26.95	14.11	36.99	Tech
no1							
TWNC	-73.61	4.5	33.24	8.77	13.95	29.68	Cons
ume							
DT	-73.64	12.7	46.04	12.13	14.11	43.85	Tech
no1							
KAR	-73.64	4.8	14.58	3.84	10.54	22.78	Cons
ume							
HBI	-73.66	0.8	3.75	0.99	10.54	18.75	Cons
ume							
EVR	-73.66	-4	130	34.25	13.45	18.76	Fina
nci							
CHD	-73.71	3.7	90.6	23.82	13.95	28.67	Cons
ume							

PYCR no1	-73.75	17.1	22.92	6.02	14.11	53.29	Tech
KW Es	-73.78	17.9	13.74	3.6	26.99	105.69	Real
AVNS thc	-73.81	5.4	20	5.24	8.2	18.34	Heal
VRSK str	-73.82	7.6	238.12	62.33	16.74	41.56	Indu
HD ume	-73.82	1.1	291.81	76.4	10.54	19.16	Cons
OII gy	-73.84	10.7	24.4	6.38	9.79	28.05	Ener
TMUS uni	-73.85	3.7	136.49	35.7	9.12	18.83	Comm
MPW Es	-73.87	-9.4	5.05	1.32	13.31	14.01	Real
ETRN gy	-73.92	2.6	9.23	2.41	9.79	19.22	Ener
USPH thc	-73.95	5.3	90.93	23.69	15.21	34.05	Heal
KAMN str	-74.08	3.6	19.12	4.96	16.74	34.75	Indu
GPS ume	-74.11	-3.21	10.45	2.71	10.54	15.59	Cons
ABNB ume	-74.17	13.3	129.77	33.52	10.54	34.33	Cons
CWAN no1	-74.18	20	19	4.91	14.11	61.29	Tech
LC nci	-74.2	-8.6	5.63	1.45	18.77	20.85	Fina
TJX ume	-74.44	4.9	87.79	22.44	10.54	23.6	Cons
MGY gy	-74.47	-9.83	21.26	5.43	9.26	9.75	Ener
CWH ume	-74.48	7.6	18.54	4.73	10.54	26.86	Cons
GMED thc	-74.52	8.5	50.36	12.83	8.2	21.8	Heal
IGT ume	-74.56	2.8	30.02	7.64	10.54	21.44	Cons
HLX gy	-74.63	9.4	10.37	2.63	9.79	27.29	Ener
BFAM ume	-74.66	9.4	80.48	20.39	10.54	29.37	Cons
HUN c M	-74.73	3.91	23.48	5.93	13.26	28.64	Basi
MATW str	-74.74	-10	37.06	9.36	12.76	13.43	Indu
FND ume	-74.74	13.85	86.67	21.9	10.54	35.96	Cons
DSKE str	-74.78	5.2	4.64	1.17	16.74	38.67	Indu
LAZ nci	-74.81	7.3	29.09	7.33	13.45	34.22	Fina
WIX no1	-74.85	-0.8	86.69	21.8	14.11	24.28	Tech
BJRI ume	-74.92	4.5	22.67	5.69	10.54	23.61	Cons
FICO no1	-74.94	10.7	851.87	213.48	14.11	42.17	Tech
RDNT thc	-74.96	6.8	28.34	7.1	28.34	70.85	Heal
GE str	-74.97	8.8	107.98	27.02	16.74	45.95	Indu
MTSI	-75.01	3.4	81.18	20.29	14.11	30.07	Tech

no1							
DIS	-75.04	5.3	79.03	19.73	9.12	21.3	Comm
uni							
CVX	-75.04	-7.68	161.58	40.34	9.79	11.85	Ener
gy							
DPZ	-75.19	6.8	364.9	90.54	10.54	26.6	Cons
ume							
TPL	-75.3	13.7	1760.27	434.78	9.79	33.94	Ener
gy							
PZZA	-75.31	4.5	64.24	15.86	10.54	23.97	Cons
ume							
EQIX	-75.34	9	704.61	173.78	26.99	75.85	Real
Es							
DRH	-75.38	-9.5	7.72	1.9	17.37	19.3	Real
Es							
EL	-75.38	8.7	141	34.72	13.95	38.74	Cons
ume							
BILL	-75.49	15.36	102.81	25.2	14.11	52.99	Tech
no1							
KMX	-75.54	3.9	68.18	16.67	10.54	23.51	Cons
ume							
NFLX	-75.57	13.5	375.81	91.82	9.12	31.66	Comm
uni							
CDNS	-75.61	11.8	231.28	56.41	14.11	45.53	Tech
no1							
NEWR	-75.66	14	86	20.93	14.11	50.29	Tech
no1							
CDAY	-75.69	15.9	67.8	16.48	14.11	54.68	Tech
no1							
IRMD	-75.8	15	42.66	10.33	8.2	30.69	Heal
thc							
COST	-75.89	6.7	564.75	136.14	13.95	36.06	Cons
ume							
AMKR	-75.92	-10.85	22.16	5.34	13.16	13.85	Tech
no1							
PUMP	-75.95	-10.9	9.42	2.27	7.58	7.98	Ener
gy							
SUI	-75.96	3	113.77	27.35	26.99	58.64	Real
Es							
DNUT	-76.02	8.5	12.6	3.02	13.95	39.38	Cons
ume							
IT	-76.1	4.6	343.37	82.08	14.11	33.3	Tech
no1							
ECL	-76.11	5.4	166.56	39.79	13.26	32.53	Basi
c M							
MUR	-76.12	-11	42.51	10.15	8.58	9.03	Ener
gy							
FNF	-76.14	-11.03	38.69	9.23	9.91	10.43	Fina
nci							
LFT	-76.23	-11.18	2.06	0.49	8.51	8.96	Real
Es							
THG	-76.33	5.6	109.76	25.98	14.31	35.75	Fina
nci							
ALRM	-76.35	5.4	59.44	14.06	14.11	34.96	Tech
no1							
AXL	-76.4	2.3	7	1.65	10.54	22.56	Cons
ume							
BGS	-76.45	-11.24	8.46	1.99	7.88	8.29	Cons
ume							
FORM	-76.46	12.9	33.67	7.93	14.11	49.51	Tech
no1							
ALLY	-76.48	-11.27	24.49	5.76	7.23	7.61	Fina
nci							
LTH	-76.5	12.3	14.8	3.48	10.54	36.1	Cons
ume							

ARE Es	-76.82	-10.96	96.27	22.32	26.99	29.35	Real
QCOM no1	-76.85	-11.57	109.4	25.32	12.5	13.16	Tech
SLAB no1	-76.88	3.6	112.92	26.1	14.11	32.82	Tech
OGE iti	-76.94	-12.34	31.89	7.35	15.7	15.87	Util
ACDC gy	-77.04	-4	9.87	2.27	9.79	15.66	Ener
FROG no1	-77.12	22.3	24.34	5.57	14.11	76.06	Tech
CLMT gy	-77.24	6.2	17.8	4.05	9.79	26.18	Ener
PPC ume	-77.34	-7	22.97	5.2	13.95	19.3	Cons
PLTR no1	-77.42	18.9	15.4	3.48	14.11	66.96	Tech
VSCO ume	-77.44	-12	14.68	3.31	6.64	6.99	Cons
JAMF no1	-77.5	16.7	17.12	3.85	14.11	61.14	Tech
DRQ gy	-77.55	28.4	26.07	5.85	9.79	68.61	Ener
ENTG no1	-77.62	4.8	91.93	20.58	14.11	35.91	Tech
IMAX uni	-77.85	3	18.7	4.14	9.12	21.49	Comm
PAY no1	-77.94	21.1	15.01	3.31	14.11	75.03	Tech
KTOS str	-78.1	2	14.44	3.16	16.74	37.99	Indu
BSX thc	-78.13	8.6	51.05	11.16	8.2	25.52	Heal
ASYS no1	-78.3	20	8.76	1.9	14.11	72.96	Tech
BRKR thc	-78.41	6.9	61.4	13.26	8.2	23.89	Heal
DHR thc	-78.48	-11.9	214.64	46.18	21.98	24.42	Heal
CWST str	-78.53	14.9	73.86	15.86	16.74	70.34	Indu
EW thc	-78.53	9.67	69.61	14.95	8.2	27.3	Heal
PSFE no1	-78.54	6.9	11.99	2.57	14.11	41.34	Tech
CTRA gy	-78.72	-11.25	25.82	5.49	9.79	11.42	Ener
STE thc	-78.82	7.3	217.11	45.98	8.2	24.81	Heal
SCPL uni	-78.9	3.9	22.85	4.82	9.12	23.55	Comm
JJSF ume	-78.94	3.4	159.1	33.51	13.95	35.28	Cons
SPSC no1	-78.97	15	165.98	34.9	14.11	60.8	Tech
SYK thc	-79.01	7.6	262.94	55.2	8.2	25.38	Heal
WAL nci	-79.04	-13.3	41.66	8.73	4.97	5.23	Fina
MELI ume	-79.1	22.5	1238.98	258.89	10.54	62.7	Cons
TSQ uni	-79.16	7.1	8.88	1.85	9.12	27.75	Comm
CMG	-79.25	13.1	1840.46	381.89	10.54	42.36	Cons

ume							
ESTC	-79.31	18.2	76.53	15.84	14.11	70.86	Tech
no1							
RDWR	-79.43	3.8	17.15	3.53	14.11	37.28	Tech
no1							
FWRG	-79.56	14.3	17.22	3.52	10.54	45.32	Cons
ume							
OKTA	-79.56	16.3	78.72	16.09	14.11	66.15	Tech
no1							
TRNS	-79.57	8.5	93.3	19.06	16.74	55.54	Indu
str							
MASI	-79.82	5.9	83.4	16.83	8.2	24.38	Heal
thc							
COP	-79.83	-10.12	113.26	22.84	9.79	12.83	Ener
gy							
WDFC	-79.94	6.8	199.93	40.1	13.26	41.39	Basi
c M							
HES	-80.02	7.95	144.36	28.84	9.79	32.37	Ener
gy							
ATVI	-80.17	1.5	93.93	18.63	9.12	22.31	Comm
uni							
GWRS	-80.29	2.5	9.6	1.89	16.13	41.74	Util
iti							
TYL	-80.29	9	381.56	75.21	14.11	49.62	Tech
no1							
COMM	-80.45	-14.6	2.93	0.57	2.36	2.48	Tech
no1							
ALGN	-80.53	11.6	288.31	56.14	8.2	32.84	Heal
thc							
TFIN	-80.55	11.3	60.22	11.71	10.02	39.62	Fina
nci							
FL	-80.6	-11.18	18.14	3.52	10.54	13.54	Cons
ume							
BKI	-80.7	3.9	75.76	14.62	14.11	39.87	Tech
no1							
CNMD	-80.78	8	98.28	18.89	8.2	28.24	Heal
thc							
TWLO	-80.81	8.7	55.89	10.72	9.12	32.49	Comm
uni							
NYT	-80.81	5.7	41.22	7.91	9.12	28.23	Comm
uni							
DSGX	-80.88	9.8	71.63	13.69	14.11	53.06	Tech
no1							
MBLY	-80.88	17.97	39.73	7.59	10.54	56.76	Cons
ume							
DV	-80.95	19.4	27.54	5.25	14.11	81	Tech
no1							
SANM	-81.01	-15	53.38	10.13	8.03	8.45	Tech
no1							
TENB	-81.02	15.3	44.35	8.42	14.11	68.23	Tech
no1							
SMTC	-81.05	11.5	25.45	4.82	14.11	57.84	Tech
no1							
HUBS	-81.15	21.2	465.57	87.78	14.11	88.18	Tech
no1							
MKSI	-81.28	-8.03	85.34	15.98	14.11	22.34	Tech
no1							
BMI	-81.35	6.7	141.9	26.46	14.11	47.14	Tech
no1							
TTSH	-81.35	2.8	6.14	1.15	10.54	29.24	Cons
ume							
CMPR	-81.41	5.9	67.37	12.52	9.12	29.42	Comm
uni							
BIO	-81.44	6.5	351.01	65.15	8.2	27.27	Heal
thc							

CURV	-81.61	3.6	1.85	0.34	10.54	30.75	Cons
ume							
TSN	-81.67	2.3	48.05	8.81	13.95	38.44	Cons
ume							
SBLK	-81.68	-15.61	18.67	3.42	9.23	9.72	Indu
str							
VERX	-81.74	12.1	22.18	4.05	14.11	61.61	Tech
no1							
CRDO	-81.85	61.9	15.59	2.83	14.11	389.81	Tech
no1							
ARGO	-82.02	0.3	29.82	5.36	14.31	36.37	Fina
nci							
DOW	-82.02	-8.12	50.51	9.08	13.26	21.77	Basi
c M							
AVO	-82.04	1.7	9.52	1.71	13.95	38.08	Cons
ume							
EXPI	-82.37	10	14.45	2.55	26.99	111.15	Real
Es							
AVTA	-82.39	9	25.59	4.51	14.79	58.16	Fina
nci							
NCNO	-82.42	15.5	29.75	5.23	14.11	74.38	Tech
no1							
MANH	-82.57	11.9	198.39	34.58	14.11	64	Tech
no1							
RYN	-82.62	2.7	27.17	4.72	26.99	79.91	Real
Es							
CHRW	-82.72	-11.9	84.98	14.68	16.74	23.16	Indu
str							
ROL	-82.73	8	35.13	6.07	10.54	40.38	Cons
ume							
APAM	-83.13	-16.98	35.17	5.93	11.52	12.13	Fina
nci							
SMG	-83.21	2	47.15	7.92	13.26	39.29	Basi
c M							
NOVT	-83.4	3.5	140.13	23.26	14.11	45.5	Tech
no1							
IRT	-83.56	-6.06	13.53	2.22	26.99	54.12	Real
Es							
QNST	-83.66	17	8.84	1.44	9.12	55.22	Comm
uni							
FRSH	-83.73	19.2	18.82	3.06	14.11	94.1	Tech
no1							
ALTR	-83.77	8.7	62.38	10.13	14.11	59.41	Tech
no1							
TWKS	-83.8	-4	4.15	0.67	14.11	31.92	Tech
no1							
CAPL	-83.83	2	20.48	3.31	9.79	30.12	Ener
gy							
INTC	-83.85	7.82	35.56	5.74	14.11	57.35	Tech
no1							
KSS	-83.99	-17.85	20.01	3.2	7.82	8.23	Cons
ume							
CPNG	-84.03	14.3	16.84	2.69	10.54	58.07	Cons
ume							
GLP	-84.12	-18	28.65	4.55	7.87	8.28	Ener
gy							
SAM	-84.15	4.5	380	60.24	13.95	49.41	Cons
ume							
SITE	-84.26	-3.62	157.45	24.78	16.74	39.86	Indu
str							
RVLV	-84.29	-1.1	13.74	2.16	10.54	28.62	Cons
ume							
WMG	-84.41	7.4	32	4.99	9.12	37.65	Comm
uni							
WWE	-84.53	8.1	99.97	15.46	9.12	39.2	Comm

uni							
ABT	-84.63	-2.1	95.12	14.62	8.2	21.62	Heal
thc							
LIVN	-84.98	-4.6	51.72	7.77	8.2	19.44	Heal
thc							
NET	-85.04	30	58.37	8.73	14.11	157.76	Tech
no1							
WELL	-85.12	8.2	79.97	11.9	26.99	121.17	Real
Es							
HHS	-85.2	-18.3	6.45	0.95	14.88	16.53	Indu
str							
QUIK	-85.26	20	8.56	1.26	14.11	106.94	Tech
no1							
H	-85.3	4.6	102.4	15.05	10.54	40.47	Cons
ume							
DLR	-85.47	5.7	114.84	16.68	26.99	110.42	Real
Es							
YELP	-85.53	8.9	41.77	6.04	9.12	43.51	Comm
uni							
SHOP	-85.58	19	51.57	7.44	14.11	105.25	Tech
no1							
AMZN	-85.65	11.8	127.18	18.25	10.54	57.81	Cons
ume							
DHX	-85.69	1.9	2.9	0.42	14.11	48.33	Tech
no1							
HAYW	-85.72	-16.2	13.14	1.88	16.74	21.89	Indu
str							
CGNX	-85.99	2.97	41.47	5.81	14.11	52.49	Tech
no1							
SSYS	-86	7.8	12.57	1.76	14.11	66.16	Tech
no1							
NWSA	-86.12	-2.38	19.43	2.7	9.12	26.26	Comm
uni							
PRA	-86.14	2.7	18.09	2.51	14.31	53.21	Fina
nci							
PTLO	-86.28	11.2	15.31	2.1	10.54	58.88	Cons
ume							
PPSI	-86.4	6	5.92	0.81	16.74	73.94	Indu
str							
TMST	-86.49	-18.3	21.14	2.86	9.25	11.24	Basi
c M							
DXCM	-86.66	20.4	86.86	11.59	8.2	70.05	Heal
thc							
ILMN	-87.11	-6.47	134.4	17.33	65.56	163.9	Heal
thc							
BROS	-87.14	25.7	23.17	2.98	10.54	115.86	Cons
ume							
SPB	-87.31	2.1	76.4	9.69	13.95	54.96	Cons
ume							
RGEN	-87.39	-1.76	150.92	19.03	26.39	86.24	Heal
thc							
PARA	-87.42	-3.7	11.88	1.49	9.12	27	Comm
uni							
DOC	-87.49	-10.1	11.41	1.43	26.99	57.05	Real
Es							
SWK	-87.54	4.1	77.71	9.69	16.74	74.01	Indu
str							
FCX	-87.6	-15.2	35.54	4.41	13.26	21.15	Basi
c M							
OPRX	-87.67	7.9	7	0.86	32.88	175	Heal
thc							
GHM	-87.74	5.8	15.5	1.9	16.74	81.58	Indu
str							
AYX	-87.75	1	35.99	4.41	14.11	54.53	Tech
no1							

BZUN ume	-87.98	3.46	3.73	0.45	10.54	46.56	Cons
AROC gy	-88.08	-12.91	12.05	1.44	9.79	18.54	Ener
SQSP no1	-88.17	11.2	28.34	3.35	14.11	91.42	Tech
WTTR c M	-88.24	-22.81	7.48	0.88	8.36	8.8	Basi
TTGT uni	-88.5	-11.59	29.73	3.42	9.12	19.3	Comm
WING ume	-88.51	14.6	178.93	20.56	10.54	81.7	Cons
SCCO c M	-88.67	-16.9	72.53	8.22	13.26	20.9	Basi
POWI no1	-88.73	-4.05	75.26	8.48	14.11	45.89	Tech
BGFV ume	-88.79	-6.54	6.96	0.78	10.54	30.26	Cons
OXY gy	-88.79	-16.55	60.06	6.73	9.79	15.93	Ener
SNOW no1	-88.85	30.4	150.38	16.77	14.11	214.82	Tech
APPF no1	-89.07	24.5	182.57	19.96	14.11	173.88	Tech
BSY no1	-89.17	-0.7	49.87	5.4	14.11	56.67	Tech
HAIN ume	-89.29	-16.1	10	1.07	13.95	24.39	Cons
NBR gy	-89.41	-12.6	110.7	11.72	9.79	21.25	Ener
UBER no1	-89.45	16.9	44.67	4.71	14.11	131.38	Tech
PI no1	-90	10	49.14	4.91	14.11	102.38	Tech
OIS gy	-90.04	-6.99	7.75	0.77	9.79	30.98	Ener
LQDT ume	-90.18	-16.7	17.83	1.75	10.54	19.38	Cons
PODD thc	-90.34	19.3	150.59	14.55	8.2	92.39	Heal
FIGS ume	-90.39	6.1	5.96	0.57	10.54	66.17	Cons
TSLA ume	-90.47	8.55	252.48	24.05	10.54	75.14	Cons
NTST Es	-90.84	7.4	15.14	1.39	26.99	189.19	Real
INTA no1	-90.98	15.9	33.86	3.05	14.11	147.22	Tech
INFU thc	-91.02	8	9.7	0.87	26.39	194	Heal
AGYS no1	-91.45	0.05	65.63	5.61	14.11	74.58	Tech
VVI str	-91.51	7	26.2	2.22	16.74	124.76	Indu
FTI gy	-91.52	-2.9	19.28	1.64	9.79	44.84	Ener
UWMC nci	-91.63	-25.3	4.56	0.38	22.8	28.5	Fina
VZIO no1	-91.73	10.7	5.12	0.42	14.11	127.88	Tech
EVC uni	-91.77	-16.6	3.43	0.28	9.12	20.18	Comm
RSVR uni	-91.85	8	5.91	0.48	9.12	73.88	Comm
LVV	-91.91	7.7	83.15	6.72	9.12	73.58	Comm

uni							
MCS	-92.02	2.9	15.4	1.23	9.12	59.23	Comm
uni							
LNW	-92.47	0.71	69.18	5.21	10.54	65.26	Cons
ume							
OLPX	-92.49	-28.1	1.88	0.14	10.54	12.53	Cons
ume							
SWAV	-92.61	1.3	188.72	13.95	8.2	53.31	Heal
thc							
VRNS	-92.68	9.5	30.06	2.2	14.11	136.64	Tech
no1							
RXO	-92.79	-8.4	18.88	1.36	16.74	67.41	Indu
str							
SITC	-93.15	-6.04	11.75	0.81	26.99	130.5	Real
Es							
AIRS	-93.36	13.8	7.87	0.52	15.21	196.75	Heal
thc							
CYBR	-93.42	24.2	157	10.33	14.11	285.45	Tech
no1							
LILAK	-93.51	4.1	7.67	0.5	9.12	76.7	Comm
uni							
UNFI	-93.56	-6.6	13.14	0.85	13.95	69.16	Cons
ume							
PEN	-93.75	17.4	228.16	14.25	8.2	131.88	Heal
thc							
RNG	-93.83	-32.1	29.33	1.81	8.84	9.31	Tech
no1							
ARLO	-94.15	-19.7	9.5	0.56	16.74	43.18	Indu
str							
MSGS	-94.54	2.9	174.49	9.52	9.12	86.81	Comm
uni							
USAC	-94.66	-1	23.62	1.26	9.79	78.72	Ener
gy							
AZTA	-94.87	7.5	56.67	2.9	26.39	333.35	Heal
thc							
CEVA	-94.92	13.5	18.78	0.95	14.11	234.75	Tech
no1							
VCTR	-94.97	-34.9	32	1.61	6.74	7.09	Fina
nci							
SHAK	-95.02	17	56.47	2.81	10.54	209.13	Cons
ume							
SONO	-95.2	3.9	16.09	0.77	14.11	160.85	Tech
no1							
MGNI	-95.94	-32.2	7.36	0.3	9.12	14.43	Comm
uni							
AMPL	-96.13	10.5	10.73	0.42	14.11	268.25	Tech
no1							
CRCT	-96.19	-26	9.15	0.35	14.11	36.6	Tech
no1							
STKL	-96.26	13.2	3.11	0.12	13.95	311	Cons
ume							
MLNK	-96.34	1.4	16.77	0.61	14.11	186.33	Tech
no1							
PRVA	-96.42	-24.04	22.04	0.79	32.88	104.95	Heal
thc							
Z	-96.45	-21	42.75	1.52	9.12	35.63	Comm
uni							
IAS	-96.5	2.4	11.87	0.42	9.12	131.89	Comm
uni							
ELME	-96.69	3.9	13.27	0.44	26.99	442.33	Real
Es							
TCMD	-96.84	5	13.41	0.42	8.2	149	Heal
thc							
CCCS	-97.31	-29	12.65	0.34	14.11	42.17	Tech
no1							

AGS ume	-97.43	3	6.47	0.17	10.54	215.5	Cons
IIIIV no1	-97.5	-43.4	19.55	0.49	12.22	12.86	Tech
CORT thc	-97.52	-41.4	26.08	0.65	26.41	33.01	Heal
AR gy	-97.87	-29.79	23.79	0.51	9.79	35.51	Ener
JILL ume	-97.93	-45.51	28.05	0.58	9.41	9.91	Cons
WTI gy	-98.32	-30.7	3.96	0.07	9.79	43.94	Ener
NTNX no1	-98.61	-38.5	34.08	0.47	14.11	40.57	Tech
SITM no1	-98.74	6.9	112.3	1.42	14.11	701.88	Tech
EXFY no1	-98.91	-45.1	3.04	0.03	14.11	30.4	Tech
BMBL no1	-98.99	-37	14.03	0.14	14.11	63.77	Tech
HL c M	-99.09	-33.35	3.64	0.03	13.26	90.87	Basi
SNAP uni	-99.13	13.6	8.55	0.07	9.12	855	Comm
MRVI thc	-99.22	-46.8	9.61	0.07	64.07	160.17	Heal
NARI thc	-99.22	18.1	64.9	0.51	8.2	1081.67	Heal
LYFT no1	-99.92	-68.95	10.13	0.01	14.11	25.97	Tech
XPRO gy	-99.92	-67.9	21.52	0.02	9.79	25.02	Ener
PRO no1	-100	-82.1	33.84	0	14.11	676.8	Tech
PLYA ume	-100.12	-130.7	6.92	-0.01	10.54	14.72	Cons
NCLH ume	-100.15	-135.1	16.15	-0.02	10.54	19.7	Cons
AAN str	-100.17	-130.6	9.84	-0.02	7.54	7.94	Indu
RCL ume	-102.68	-160.4	88.32	-2.37	10.54	14.27	Cons
JBLU str	-497.03	-256.1	4.48	-17.79	-35.49	-37.36	Indu
MGM ume	-848.81	-287	35.39	-265	10.54	14.5	Cons