

# U.S. Stocks database building.

## **Description.**

In this Document, we are going through the different steps to collect data for US stocks through <https://www.zacks.com/screening/stock-screener>.

You will end up with a comprehensive excel spreadsheet containing specific data on US Stocks.

Those data are crucial for building your watchlist.

The following steps will give you data that we find useful.

Nonetheless it is up to you to make these criteria yours.

If you would like to add/delete some of those criteria, that will modify the outcome. Therefore you will have to rewrite the macro for USdatabase.xlsm


## **Note.**


This pdf document comes with an excel file: USdatabase.xlsm

By using the excel spreadsheet collected on nasdaq.com in combination with USdatabase.xlsm, you will end up with a comprehensive selection of data for US stocks.

The data selected are by definition arbitrary and you might need to adjust both excel spreadsheets if you would like different data.

1. Go to <https://www.zacks.com/screening/stock-screener>





### Free Trading Signals

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Whether you're a fundamentalist researching a company from top to bottom or a technician more interested in stock charting, you can pick stocks on a multitude of selection criteria that is most relevant to you with this stock screener. Or you can use Zacks' predefined stock screens to help you find the types of companies that meet your criteria.

NEW SCREEN	EDIT CRITERIA	EDIT VIEW	MY SCREEN	PREDEFINED	HELP
Select a Category		Select Items			
Popular Criteria	Zacks Rank <sup>①</sup>	>=	1		
Company Descriptors	Zacks Industry Rank <sup>①</sup>	>=			
Size & Share Volume	Value Score <sup>①</sup>	>=	A		
Price & Price Changes	Growth Score <sup>①</sup>	>=	A		
Zacks Rank & Style Scores	Momentum Score <sup>①</sup>	>=	A		
Broker Rating & Changes	VGM Score <sup>①</sup>	>=	A		
EPS Surprises & Actuals	Earnings ESP <sup>①</sup>	>=			
EPS Estimate Revisions	52 Week High <sup>①</sup>	>=		Add	
EPS Estimates	Market Cap (mil) <sup>①</sup>	>=		Add	
EPS Growth	Last EPS Surprise (%) <sup>①</sup>	>=		Add	
Sales, Growth & Estimates	P/E (F1) <sup>①</sup>	>=		Add	
Valuations	# of Brokers in Rating <sup>①</sup>	>=		Add	
Return on Investment	Optionable <sup>①</sup>	EQUAL		Add	
Income Statement & Growth	% Change F1 Est. (4 weeks) <sup>①</sup>	>=		Add	
Dividends	Div. Yield % <sup>①</sup>	>=		Add	
Margins & Turnover	Avg Volume <sup>①</sup>	>=		Add	
Balance Sheet					
Liquidity & Coverage					

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## 2. Select Size & Share Volume

Type Market Cap  $\geq 3000$

Click on Add

NEW SCREEN	EDIT CRITERIA	EDIT VIEW	MY SCREEN	PREDEFINED	HELP
Select a Category		Select Items			
Popular Criteria	Zacks Rank <sup>①</sup>	$\geq$	1		
Company Descriptors	Zacks Industry Rank <sup>①</sup>	$\geq$			
Size & Share Volume	Value Score <sup>①</sup>	$\geq$	A		
Price & Price Changes	Growth Score <sup>①</sup>	$\geq$	A		
Zacks Rank & Style Scores	Momentum Score <sup>①</sup>	$\geq$	A		
Broker Rating & Changes	VGM Score <sup>①</sup>	$\geq$	A		
EPS Surprises & Actuals	Earnings ESP <sup>①</sup>	$\geq$			
EPS Estimate Revisions	52 Week High <sup>①</sup>	$\geq$			
EPS Estimates	Market Cap (mil) <sup>①</sup>	$\geq$	3000		
EPS Growth	Last EPS Surprise (%) <sup>①</sup>	$\geq$			
Sales, Growth & Estimates	P/E (F1) <sup>①</sup>	$\geq$			
Valuations	# of Brokers in Rating <sup>①</sup>	$\geq$			
Return on Investment	Optionable <sup>①</sup>	EQUAL			
Income Statement & Growth	% Change F1 Est. (4 weeks) <sup>①</sup>	$\geq$			
Dividends	Div. Yield % <sup>①</sup>	$\geq$			
Margins & Turnover	Avg Volume <sup>①</sup>	$\geq$			
Balance Sheet					
Liquidity & Coverage					

## 3. Select Edit View

Select Popular Criteria

Select Market Cap

Select Last EPS Surprise (%)

Select Div. Yield %

NEW SCREEN	EDIT CRITERIA	EDIT VIEW	MY SCREEN	PREDEFINED	HELP
Select a Category		My Criteria : 1 Item(s) <span>Remove All</span>			
Popular Criteria	Market Cap (mil)	$\geq$	3000	<span>Remove</span>	
Company Descriptors					
Size & Share Volume					
Price & Price Changes					
Zacks Rank & Style Scores					
Broker Rating & Changes					
EPS Surprises & Actuals					
EPS Estimate Revisions					
EPS Estimates					
EPS Growth					
Sales, Growth & Estimates					
Valuations					
Return on Investment					
Income Statement & Growth					
Dividends					
Margins & Turnover					
Balance Sheet					
Liquidity & Coverage					
Matches: 2040 <span>Run Screen</span>					
Select Items					
	Zacks Rank <sup>①</sup>				
	Zacks Industry Rank <sup>①</sup>				
	Value Score <sup>①</sup>				
	Growth Score <sup>①</sup>				
	Momentum Score <sup>①</sup>				
	VGM Score <sup>①</sup>				
	Earnings ESP <sup>①</sup>				
	52 Week High <sup>①</sup>				
	Market Cap (mil) <sup>①</sup>	<input checked="" type="checkbox"/>			
	Last EPS Surprise (%) <sup>①</sup>	<input checked="" type="checkbox"/>			
	P/E (F1) <sup>①</sup>	<input type="checkbox"/>			
	# of Brokers in Rating <sup>①</sup>	<input type="checkbox"/>			
	Optionable <sup>①</sup>	<input type="checkbox"/>			
	% Change F1 Est. (4 weeks) <sup>①</sup>	<input type="checkbox"/>			
	Div. Yield % <sup>①</sup>	<input checked="" type="checkbox"/>			
	Avg Volume <sup>①</sup>	<input type="checkbox"/>			

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#### 4. Select Company Descriptors

Select Exchange  
Select Month of Fiscal Yr End  
Select Sector  
Select Industry

NEW SCREEN	EDIT CRITERIA	EDIT VIEW	MY SCREEN	PREDEFINED	HELP
Select a Category		My Criteria : 1 Item(s)			Remove All
Popular Criteria		Market Cap (mil)			>= 3000 Remove
Company Descriptors					
Size & Share Volume					
Price & Price Changes					
Zacks Rank & Style Scores					
Broker Rating & Changes					
EPS Surprises & Actuals		Matches: 2040			Run Screen
EPS Estimate Revisions		Select Items			
EPS Estimates		Exchange <sup>①</sup>			<input checked="" type="checkbox"/>
EPS Growth		S&P 500 - ETF <sup>①</sup>			<input type="checkbox"/>
Sales, Growth & Estimates		Optionable <sup>①</sup>			<input type="checkbox"/>
Valuations		Month of Fiscal Yr End <sup>①</sup>			<input checked="" type="checkbox"/>
Return on Investment		Sector <sup>①</sup>			<input checked="" type="checkbox"/>
Income Statement & Growth		Industry <sup>①</sup>			<input checked="" type="checkbox"/>
Dividends		COM/ADR/Canadian			<input type="checkbox"/>
Margins & Turnover					
Balance Sheet					
Liquidity & Coverage					

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## 5. Select EPS Estimates

Select F0 Consensus Est.

Select F1 Consensus Est.

Select F2 Consensus Est.

The screenshot shows a financial screening tool interface. At the top, there are tabs: NEW SCREEN, EDIT CRITERIA, EDIT VIEW, MY SCREEN, PREDEFINED, and HELP. The 'EDIT CRITERIA' tab is active. On the left, under 'Select a Category', the 'EPS Estimates' category is highlighted with a red circle. The main area shows 'My Criteria : 1 Item(s)' with a criterion 'Market Cap (mil)' set to '≥ 3000'. Below this, it says 'Matches: 2040' and has a 'Run Screen' button. The 'Select Items' section lists various financial metrics with checkboxes. The following items are checked and circled in red: F0 Consensus Est., F1 Consensus Est., and F2 Consensus Est.

Item	Selected
Q0 Consensus Est. (last completed fiscal Qtr) ⓘ	<input type="checkbox"/>
# of Analysts in Q0 Consensus ⓘ	<input type="checkbox"/>
Q1 Consensus Est. ⓘ	<input type="checkbox"/>
# of Analysts in Q1 Consensus ⓘ	<input type="checkbox"/>
St. Dev. Q1 / Q1 Consensus ⓘ	<input type="checkbox"/>
Q2 Consensus Est. (next fiscal Qtr) ⓘ	<input type="checkbox"/>
# of Analysts in Q2 Consensus ⓘ	<input type="checkbox"/>
St. Dev. Q2 / Q2 Consensus ⓘ	<input type="checkbox"/>
F0 Consensus Est. ⓘ	<input checked="" type="checkbox"/>
# of Analysts in F0 Consensus ⓘ	<input type="checkbox"/>
F1 Consensus Est. ⓘ	<input checked="" type="checkbox"/>
# of Analysts in F1 Consensus ⓘ	<input type="checkbox"/>
St. Dev. F1 / F1 Consensus ⓘ	<input type="checkbox"/>
F2 Consensus Est. ⓘ	<input checked="" type="checkbox"/>
# of Analysts in F2 Consensus ⓘ	<input type="checkbox"/>

## 6. Select Valuations

Select P/E (Trailing 12 Months)

Select P/E (F1)

Select P/E (F2)

Select PEG Ratio

NEW SCREEN	EDIT CRITERIA	EDIT VIEW	MY SCREEN	PREDEFINED	HELP
Select a Category		My Criteria : 1 Item(s)			Remove All
Popular Criteria		Market Cap (mil)			>= 3000 Remove
Company Descriptors					
Size & Share Volume					
Price & Price Changes					
Zacks Rank & Style Scores					
Broker Rating & Changes					
EPS Surprises & Actuals					
EPS Estimate Revisions					
EPS Estimates					
EPS Growth					
Sales, Growth & Estimates					
Valuations					
Return on Investment					
Income Statement & Growth					
Dividends					
Margins & Turnover					
Balance Sheet					
Liquidity & Coverage					
Matches: 2040					Run Screen
Select Items					
P/E (Trailing 12 Months) ①					<input checked="" type="checkbox"/>
P/E (F1) ①					<input checked="" type="checkbox"/>
P/E (F2) ①					<input checked="" type="checkbox"/>
PEG Ratio ①					<input checked="" type="checkbox"/>
Price/Cash Flow ①					<input type="checkbox"/>
Price/Book ①					<input type="checkbox"/>
Price/Sales ①					<input type="checkbox"/>

## 7. Select EPS Surprises & Actuals

Select Last EPS Surprise (%)

Select Next EPS Report Date

NEW SCREEN	EDIT CRITERIA	EDIT VIEW	MY SCREEN	PREDEFINED	HELP
Select a Category		My Criteria : 1 Item(s)			Remove All
Popular Criteria		Market Cap (mil)			>= 3000 Remove
Company Descriptors					
Size & Share Volume					
Price & Price Changes					
Zacks Rank & Style Scores					
Broker Rating & Changes					
EPS Surprises & Actuals					
EPS Estimate Revisions					
EPS Estimates					
EPS Growth					
Sales, Growth & Estimates					
Valuations					
Return on Investment					
Income Statement & Growth					
Dividends					
Margins & Turnover					
Balance Sheet					
Liquidity & Coverage					
Matches: 2040					Run Screen
Select Items					
Earnings ESP ①					<input checked="" type="checkbox"/>
Last EPS Surprise (%) ①					<input checked="" type="checkbox"/>
Previous EPS Surprise (%) ①					<input type="checkbox"/>
Avg EPS Surprise (Last 4 Qtrs) ①					<input type="checkbox"/>
Actual EPS used in Surprise (\$/sh) ①					<input type="checkbox"/>
Last Qtr EPS ①					<input type="checkbox"/>
Last Reported Qtr (yyyymm) ①					<input type="checkbox"/>
Last Yr's EPS (F0) Before NRI ①					<input type="checkbox"/>
Last Reported Fiscal Yr (yyyymm) ①					<input type="checkbox"/>
12 Mo Trailing EPS ①					<input type="checkbox"/>
Last EPS Report Date (yyyymmdd) ①					<input type="checkbox"/>
Next EPS Report Date (yyyymmdd) ①					<input checked="" type="checkbox"/>

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## 8. Select Return on Investment

Select Current ROE (TTM)

NEW SCREEN	EDIT CRITERIA	EDIT VIEW	MY SCREEN	PREDEFINED	HELP
Select a Category		My Criteria : 1 Item(s)			Remove All
Popular Criteria		Market Cap (mil)			>= 3000 Remove
Company Descriptors					
Size & Share Volume					
Price & Price Changes					
Zacks Rank & Style Scores					
Broker Rating & Changes					
EPS Surprises & Actuals		Matches: 2040			Run Screen
EPS Estimate Revisions		Select Items			
EPS Estimates		Current ROE (TTM) ①			<input checked="" type="checkbox"/>
EPS Growth		Current ROI (TTM) ①			<input type="checkbox"/>
Sales, Growth & Estimates		ROI (5 Yr Avg) ①			<input type="checkbox"/>
Valuations		Current ROA (TTM) ①			<input type="checkbox"/>
Return on Investment		ROA (5 Yr Avg) ①			<input type="checkbox"/>
Income Statement & Growth		Market Value/# Analysts ①			<input type="checkbox"/>
Dividends					
Margins & Turnover					
Balance Sheet					
Liquidity & Coverage					

## 9. Select Sales, Growth & Estimates

Select 5 Yr Historical Sales Growth

Select F(1) Consensus Sales Est. (Mil.)

NEW SCREEN	EDIT CRITERIA	EDIT VIEW	MY SCREEN	PREDEFINED	HELP
Select a Category		My Criteria : 1 Item(s)			Remove All
Popular Criteria		Market Cap (mil)			>= 3000 Remove
Company Descriptors					
Size & Share Volume					
Price & Price Changes					
Zacks Rank & Style Scores					
Broker Rating & Changes		Matches: 2040			Run Screen
EPS Surprises & Actuals		Select Items			
EPS Estimate Revisions		Sales Growth F(0)/F(-1) ①			<input type="checkbox"/>
EPS Estimates		5 Yr Historical Sales Growth ①			<input checked="" type="checkbox"/>
EPS Growth		F(1) Consensus Sales Est. (\$mil) ①			<input checked="" type="checkbox"/>
Sales, Growth & Estimates		Q(1) Consensus Sales Est. (\$mil) ①			<input type="checkbox"/>
Valuations					
Return on Investment					
Income Statement & Growth					
Dividends					
Margins & Turnover					
Balance Sheet					
Liquidity & Coverage					

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## 10. Select Income Statement & Growth

Select Annual Sales

NEW SCREEN	EDIT CRITERIA	EDIT VIEW	MY SCREEN	PREDEFINED	HELP
Select a Category		My Criteria : 1 Item(s)			Remove All
Popular Criteria	Market Cap (mil)			>= 3000	Remove
Company Descriptors					
Size & Share Volume					
Price & Price Changes					
Zacks Rank & Style Scores					
Broker Rating & Changes					
EPS Surprises & Actuals	Matches: 2040			Run Screen	
EPS Estimate Revisions	Select Items				
EPS Estimates	Annual Sales (\$mil) ①			<input checked="" type="checkbox"/>	
EPS Growth	Cost of Goods Sold (\$mil) ①			<input type="checkbox"/>	
Sales, Growth & Estimates	EBITDA (\$mil) ①			<input type="checkbox"/>	
Valuations	EBIT (\$mil) ①			<input type="checkbox"/>	
Return on Investment	Pretax Income (\$mil) ①			<input type="checkbox"/>	
<b>Income Statement &amp; Growth</b>	Net Income (\$mil) ①			<input type="checkbox"/>	
Dividends	Cash Flow (\$mil) ①			<input type="checkbox"/>	
Margins & Turnover	Net Income Growth F(0)/F(-1) ①			<input type="checkbox"/>	
Balance Sheet	12 Mo. Net Income Current/Last % ①			<input type="checkbox"/>	
Liquidity & Coverage	12 Mo. Net Income Current-1Q/Last-1Q % ①			<input type="checkbox"/>	

## 11. Select Run Screen

NEW SCREEN	EDIT CRITERIA	EDIT VIEW	MY SCREEN	PREDEFINED	HELP
Select a Category		My Criteria : 1 Item(s)			Remove All
Popular Criteria	Market Cap (mil)			>= 3000	Remove
Company Descriptors					
Size & Share Volume					
Price & Price Changes					
Zacks Rank & Style Scores					
Broker Rating & Changes	Matches: 2040			Run Screen	
EPS Surprises & Actuals	Select Items				
EPS Estimate Revisions	Annual Sales (\$mil) ①			<input checked="" type="checkbox"/>	
EPS Estimates	Cost of Goods Sold (\$mil) ①			<input type="checkbox"/>	
EPS Growth	EBITDA (\$mil) ①			<input type="checkbox"/>	
Sales, Growth & Estimates	EBIT (\$mil) ①			<input type="checkbox"/>	
Valuations	Pretax Income (\$mil) ①			<input type="checkbox"/>	
Return on Investment	Net Income (\$mil) ①			<input type="checkbox"/>	
<b>Income Statement &amp; Growth</b>	Cash Flow (\$mil) ①			<input type="checkbox"/>	
Dividends	Net Income Growth F(0)/F(-1) ①			<input type="checkbox"/>	
Margins & Turnover	12 Mo. Net Income Current/Last % ①			<input type="checkbox"/>	
Balance Sheet	12 Mo. Net Income Current-1Q/Last-1Q % ①			<input type="checkbox"/>	
Liquidity & Coverage					

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## 12. Export to CSV

NEW SCREEN	RESULTS	EDIT CRITERIA	EDIT VIEW	MY SCREEN	PREDEFINED	HELP
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←	My Criteria - 2040 Matches	SAVE	ADD TO PORTFOLIO	CSV
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Select All	Company Name	Ticker	Market Cap (mil)	Last EPS Surprise (%)	Div. Yield %	Exchange	Month of Fiscal Yr End	Sector
<input type="checkbox"/>	Advance Auto Parts, Inc.	AAP	9,207.27	20.59	0.18	NYSE	12	Retail-Wholes
<input type="checkbox"/>	Apple Inc.	AAPL	1,196,081.13	9.91	1.13	NSDQ	9	Comput Technol
<input type="checkbox"/>	Axon Enterprise, Inc.	AAXN	4,591.21	5.13	0.00	NSDQ	12	Industria Product
<input type="checkbox"/>	ABB Ltd	ABB	46,266.32	30.77	2.27	NYSE	12	Industria Product
<input type="checkbox"/>	AbbVie Inc.	ABBV	126,778.55	0.45	5.51	NYSE	12	Medical
<input type="checkbox"/>	AmerisourceBergen C...	ABC	17,360.73	5.39	1.99	NYSE	9	Medical
<input type="checkbox"/>	Abcam PLC Unsponsor...	ABCZY	3,033.41	NA	1.23	OTC	6	Medical
<input type="checkbox"/>	Ambev S.A.	ABEV	50,484.35	16.67	3.20	NYSE	12	Consum Staples
<input type="checkbox"/>	ABIOMED, Inc.	ABMD	6,771.17	1.83	0.00	NSDQ	3	Medical
<input type="checkbox"/>	Abbott Laboratories	ABT	135,837.23	0.00	1.87	NYSE	12	Medical
<input type="checkbox"/>	ACADIA Pharmaceutic...	ACAD	6,583.03	8.11	0.00	NSDQ	12	Medical

Previous

1 2 3 4 5 6 7 Next

Records per page: 15

## 13. Open csv document from Nasdaq.com

Name = Zacks\_custom\_screens...

FILE	HOME	INSERT	PAGE LAYOUT	FORMULAS	DATA	REVIEW	VIEW	BLOOMBERG
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	Company Ticker	PEG Ratio P/E (T2)	P/E (T1)	P/E (Trail)	F2 Consen	F1 Consen	F0 Consen	Industry	Sector	Month of	Exchange	Last EPS %	Div. Yield	Next EPS	Market Cap										
2	Agilent TrA	2.14	24.81	27.47	29.87	2.85	2.58	2.32 Electronic Computer	10 NYSE	6.35	0.84	20180219	22860.67												
3	Alcoa ConAA	13.91	14.64	26.97	4.09	3.89	3.19 Metal Pro Industrial	12 NYSE	-4	0	20180117	10529.65													
4	Advanced AAP	389.9			0.21	-0.34	-0.79 Medical - Medical	12 NSDQ	-238.89	0	20180322	3600.75													
5	Altaba Inc AABA			105.75				Financial - Finance	12 NSDQ	12.5	0	20180122	66499												
6	AAC Tech AACAY	0.63	16.54	20.89	33.72	11.68	9.25	6.52 Electronic Computer	12 OTC		0.99	20180328	23610.87												
7	AAU GROUP AAGY							Insurance Finance	11 OTC		1.2	20180223	30384.1												
8	American AAL	5.22	10.87	11.33	11.59	5.19	4.98	4.75 Transport/Transport	12 NSDQ	2.16	0.71	20180126	26996.92												
9	Advance AAP	1.93	15.96	18.67	20.13	7.08	6.05	5.24 Automotr Retail-Wh	12 NYSE	19.17	0.21	20180220	8346.76												
10	Apple Inc. AAPL	1.43	15.14	15.67	19.05	11.57	11.18	9.01 Computer Computer	9 NSDQ	10.7	1.44	20180201	891659.1												
11	ABB Ltd ABB	2.89	18.24	19.76	22.18	1.52	1.4	1.25 Manufact Industrial	12 NYSE	13.33	2.62	20180208	60101.06												
12	Abbvie Inc ABBV	1.18	12.73	15.14	18.69	7.8	6.56	5.55 Large Cap Medical	12 NYSE	1.44	2.86	20180126	158477.6												
13	Amerisource ABC	1.67	14.41	15.57	16.86	6.81	6.19	5.88 Medical - Medical	9 NYSE	0.76	1.55	20180206	21402.57												
14	Abcam PLC ABCZY		31.08	36.14		0.5	0.43	0.33 Medical - Medical	6 OTC		0.69														
15	Ambev S.A. ABEV		20.51	22.57	29.43	0.33	0.3	0.18 Beverage/Consumer	12 NYSE	0	2.21	20180301	106296.5												
16	ABLYNX N ABLYF				-0.62	-1.05	-1.09 Medical - Medical	12 OTC			0	20180222	3142.75												
17	ABIOMED ABMD	2.75	79.88	86.78	134.71	2.64	2.42	1.16 Medical - Medical	3 NSDQ	18.92	0	20180201	9292.02												
18	Abbott Lab ABT	1.88	18.45	20.8	24.46	3.19	2.83	2.5 Medical - Medical	12 NYSE	1.54	1.9	20180124	102688.4												
19	Barrick Gold ABX	8.28	17.44	16.56	19.8	0.84	0.88	0.75 Mining - Basic Mat	12 NYSE	-5.88	0.82	20180221	17055.75												
20	ACADIA PHACAD				-0.58	-1.59	-2.41 Medical - Medical	12 NSDQ	15.87	0	20180227	3465.34													
21	American AACC	12.38	15.42	16.21	17.58	2.54	2.42	2.31 RET and E Finance	12 NYSE	-4.44	4.49	20180220	5349.28												
22	Arch Capital ACGY				6.08			Banks - Fo Finance	12 OTC		4	20180426	15701.27												
23	Arch Capital AGL	1.3	13.19	14.31	29.52	6.74	6.21	3.04 Insurance Finance	12 NSDQ	-33.9	0	20180212	11630.77												
24	Aluminum ACH							Mining - Basic Mat	12 NYSE		0	20180327	10800.23												
25	Acadia He AHC	1.17	12.59	14.1	15.01	2.73	2.44	2.23 Medical - Medical	12 NSDQ	-10.77	0	20180222	3020.41												
26	AECOM ACOM	2.09	13.24	14.64	13.24	2.94	2.66	2.9 Engineer/Construct	9 NYSE	4.23	0	20180206	6137.89												
27	Accenture ACH	2.4	22.11	23.97	26	7.2	6.64	5.9 Consultin/Business	8 NYSE	7.83	1.67	20180322	101079.1												
28	iShares M ACWI							Financial - Finance	12 NSDQ		1.88														
29	Adobe Sys ADBE	2.02	28.3	34.35	43.73	6.68	5.5	4.2 Computer Computer	11 NSDQ	9.57	0	20180315	59126.79												
30	Adidas AG AADDY	1.16	18.09	22.14	27.41	5.56	4.54	3.88 Shoes and Consumer	12 OTC	1.29	0.79	20180314	40533.54												
31	Analog De ADI	1.69	16.37	17.55	19.49	5.57	5.2	4.63 Semicond Computer	10 NSDQ	5.84	1.97	20180221	33615.9												
32	Archer-Da ADMT		14.49	14.81	17.11	2.8	2.74	2.33 Agricultur Consumer	12 NYSE	-18.18	3.16	20180206	22683.19												
33	Adient PL ADNT	0.76	7.32	8.07	8.82	11.43	10.35	9.36 Automotr/Auto-Tire	9 NYSE	5.88	1.32	20180129	7782.23												
34	Automati ADP	2.9	27.26	29.94	31.33	4.3	3.91	3.71 Outsourc Business	6 NSDQ	7.06	2.15	20180131	51968.12												
35	Andritz ADRI	1.12	11.14	12.77	12.5	1.96	1.71	1.51 Consumer Consumer	12 OTC	22.9	2.33	20180307	27014.36												
36	ANDRITZ ADREY	2.91	13.65	14.56	18.51	0.8	0.75	0.7 Industrial Industrial	12 OTC		1.87	20180302	5678.4												
37	Alliance DADS	0.93	11.15	12.6	15.4	24.55	21.71	18.09 Financial Business	12 NYSE	6.36	0.76	20180125	15117.14												
38	Autodesk ADSK		105.1			1.08	-0.51	-0.56 Computer Computer	1 NSDQ	7.69	0	20180301	24947.42												
39	Ameren C AEE	2.66	17.77	18.67	21.76	3.16	3.01	2.8 Utility - El Utilities	12 NYSE	-5.34	3.26	20180215	13623.94												
40	Agon NV AEG		9.7	7.8		0.7	0.94 Insurance Finance	12 NYSE			3.64	20180216	13851.6												
41	American AEL	10.64	11.26	11.61	3.23	3.05	3.01 Insurance Finance	12 NYSE	52.38	0.76	20180207	3053.11													
42	Agnico Ea AEM	46.99	42.28	48.99	52.02	1.1	0.94	1.01 Mining - Basic Mat	12 NYSE	64.71	0.95	20180221	10726.46												
43	American AEO	2.1	14.17	15.72	16.38	1.28	1.16	1.24 Retail - Ar Retail-Wh	1 NYSE	-5.13	2.75	20180307	3223.46												
44	American AEP	3.72	16.63	17.67	19.75	4.13	3.89	3.61 Utility - El Utilities	12 NYSE	-4.35	3.61	20180125	33807.29												

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#### 14. Copy data from Zacks document to USdatabase.xlsm

Select Zacks excel document

Select All cells

Copy

The screenshot shows a spreadsheet titled 'zacks\_custom\_screen\_2018-01-12.csv - Excel'. The 'Company Name' column (A1) is selected, and the 'Copy' button in the 'Home' tab ribbon is circled. The spreadsheet contains data for various companies, including Alcon Corp, Advanced AAAP, AAC Tech, AIA GROUP, American AAL, Advance AAP, Apple Inc, ABB Ltd, Abbvie Inc, Amersu ABC, Abcam Plu, Ambev S, ABLYNX, ABIOMED, Abbott Lab, Barrick Gold, ACADIA, American ACC, Agri Bank, Arch Capital, Aluminum ACH, Acadia He, AECOM, Accenture, iShares, Adobe, Adidas, Analog, Archer, Adient, Automati, Ahold, ANDRITZ, Alliance, Autodesk, Ameren, Aegion, American, Agrico, American, and American AEP.

#### 15. Paste to USdatabase.xlsm

Open USdatabase.xlsm

Select cell A1 / Paste

The screenshot shows a spreadsheet titled 'USdatabase.xlsm - Excel'. The 'Company Name' column (A1) is selected, and the 'Paste' button in the 'Home' tab ribbon is circled. The spreadsheet contains data for various companies, including Alcon Corp, Advanced AAAP, AAC Tech, AIA GROUP, American AAL, Advance AAP, Apple Inc, ABB Ltd, Abbvie Inc, Amersu ABC, Abcam Plu, Ambev S, ABLYNX, ABIOMED, Abbott Lab, Barrick Gold, ACADIA, American ACC, Agri Bank, Arch Capital, Aluminum ACH, Acadia He, AECOM, Accenture, iShares, Adobe, Adidas, Analog, Archer, Adient, Automati, Ahold, ANDRITZ, Alliance, Autodesk, Ameren, Aegion, American, Agrico, American, and American AEP.

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## 16. Run macro on USdatabase.xlsm for comprehensive reading.

USdatabase.xlsm

View / Macros / View Macros / Cleaning / Run

The screenshot shows the Excel interface with the 'USdatabase.xlsm' file open. The 'Formulas' tab is active, and the 'Macro' dialog box is open, showing the 'Data' macro. The dialog box has fields for 'Macro name' (Data), 'Mgros in' (All Open Workbooks), and 'Description'. The 'Run' button is highlighted. The background shows a table with columns A through Z, containing various financial data points for different companies.

## 17. Save document

The screenshot shows the Excel interface with the 'USdatabase.xlsm' file open. The 'File' tab is active, and the 'Save' button is highlighted. The background shows a table with columns A through Z, containing various financial data points for different companies.

End.

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