This Workbook is designed to rapidly show you the MACD Divergences across the US Stock Market
Three types of worksheets are available from the tabs across the bottom and are explained here.
For more info, click the links below:
Help Page at divergence-alerts.com/help
Watch the Video Walk Through from 07/09/10

Basic Instructions

For performance analysis, see the most recent Table spreadsheet.
For top-down market analysis, approach the Today's Alerts sheets in this order:

1. DCI Plots for big-picture overview of number of divergences in market
2. DJIS_weekly and DJIS_daily for today's date as a proxy for the sectors of the market
3. ETFS signals for today's date to check across markets and broad indices
    a. Click on a highlighted ETF to see the divergences on that ETF's stock holdings.
4. USTKS alerts for today's date to look for important stocks and to manage any open trades
5. Use the sort capabilities on the ETFS and USTKS sheets (shown below) to evaluate new signals
6. Search for specific stocks in the USTKS_Daily and USTKS_Weekly for trade management data (
7. The additional sheets, named by ticker, give the holdings of the ETFs, and are linked for cross-

Legend for dated TodaysAlerts sheets:

Ticker	Strategy	Date	Signal Type	Price	Init ATR	Init Stop
Stock, ETF, or Index Symbol	Name of the strategy scanned. See list below.	Date that the signal occurred. This should match the date of the Excel sheet	Name of the signal from this strategy. See list below.	Typically the closing price, this field reflects the price where the signal occurred.	Avg True Range (ATR) on the first bar of this trade. If this is an entry signal, then it is the ATR of this bar.	Initial Stop Loss setting for the strategy.

Strategy: each applied to both Weekly and Daily charts

MACD_Lines_Div_Long	Buy on MACD Lines Pos Div and Sell on MACD Lines Neg Div with Fixed 3 ATR !
MACD_Lines_Div_Short	Short on MACD Lines Neg Div and Cover on MACD Lines Cross Upwards with v
MACD_Histo_Div_Long	Buy on MACD Histo Pos Div and Sell on MACD Histo Neg Div with Fixed 3 ATR !
MACD_Histo_Div_Short	MACD Histo Neg Div Short and Cover on MACD Histo Uptick with with Fixed 3
Z MACD_Lines_Div_Long	Fuzzy Positive Divergence where the price did not make a new low and MACD

Signal Types:
MACD Lines Pos Div Buy
MACD Lines Neg Div Short

MACD Histo Pos Div Buy
MACD Histo Neg Div Short
MACD Lines Turn up Cover
MACD Histo Ticks up Cover
Stop Hit

Legend for sheets: USTKS, ETFS, DJIS

How To Use These Sheets:

The purpose of these sheets is to show you when a ticker has multiple divergences "in play".

The USTKS, ETFS, and DJIS Sheets are a concise listing of the most recent divergences on each ticker.

The basic MACD and MACD Histogram divergence strategies are represented. Z and Q strats are omitted.

These sheets are meant to be searched and sorted, not read in their entirety.

See searching and sorting examples below.

Column Headings:

Ticker						
Stock Symbol.	**MACD Lines Pos Div Weekly**	**MACD Lines Neg Div Weekly**	**MACD Histo Pos Div Weekly**	**MACD Histo Neg Div Weekly**	**MACD Lines Pos Div Daily**	**MACD Lines Neg Div Daily**
	Very Bullish: Date of last MACD Lines Positive Divergence on a Weekly Chart as detected by the BackTesting Report scanners, running under TradeStation	Very Bearish: Date of last MACD Lines Negative Divergence on a Weekly Chart as detected by the BackTesting Report scanners, running under TradeStation	Bullish: Date of last MACD Histogram Positive Divergence on a Weekly Chart as detected by the BackTesting Report scanners, running under TradeStation	Bearish: Date of last MACD Histogram Negative Divergence on a Weekly Chart as detected by the BackTesting Report scanners, running under TradeStation	Bullish: Date of last MACD Lines Positive Divergence on a Daily Chart as detected by the BackTesting Report scanners, running under TradeStation	Bearish: Date of last MACD Lines Negative Divergence on a Daily Chart as detected by the BackTesting Report scanners, running under TradeStation

Price Types:

Low <$10

 $10 < Mid < $100

$100 <   High

Status Types:

BLANK	
REMOVE	No problems found.
DIRTY	Preferred stocks and others with naming issues

VOLUME LOW		Bad data
BAR CNT LOW		Market too thinly traded (daily volume < 200,000 shares)
		Stocks without enough history to calculate. Note that a ticker

Color-Coding:

11/21/08	Dark Grey	No Data	Possibly because this ticker didn't qualify for sca
4/16/10	Light Grey	Older divergence, not within this calendar year	
5/13/10	Pale Red	Negative Divergence within this calendar year, but not within t	
5/21/10	Med Red	Negative Divergence within this calendar month	
5/24/10	Bright Red	Negative Divergence within the past 7 days	
4/16/10	Dark Red	Negative Divergence TODAY	
5/12/10	Pale Green	Positive Divergence within this calendar year, but not within th	
5/21/10	Med Green	Positive Divergence within this calendar month	
5/24/10	Bright Green	Positive Divergence within the past 7 days	
	Dark Green	Positive Divergence TODAY	

A searching example:

Say you follow a set of stocks and ETFs -- CHS and GLD for example

Go to the highest timeframe sheet to search for the tickers

For CHS go to USTKS, for GLD go to ETFS

Menu "Find&Select->Find" (or CTRL+f) to bring up the excel seach box

CHS		search for SLW will bring you to the row for that ticker:					
	12/5/08	4/30/10	11/28/08	4/30/10	6/24/10	4/20/10	
GLD		Likewise the search for GLD in ETFS brings you to its row:					
The color-coded dates show	5/21/10		5/21/10	10/28/08	6/10/10		

2 sorting examples:

Click on the arrowbox in the heading to sort the sheet by a particular column

Sort for recent bull divs, daily to weekly

Recently, the market dropped and then ticked up, forming a likely situation for daily positive divergences w

To look at potential long candidates in this environment…

Go to the USTKS Sheet

Click the arrowbox on MACD Lines Pos Div Daily column

	A	B	C	D	E	F	
1	Ticker	MACD Lines Pos Div Weekly	MACD Lines Neg Div Weekly	MACD Histo Pos Div Week	MACD Histo Neg Div Weekly	MACD Lines Pos Div Daily	
2	VIVO		4/18/08	3/27/09	4/18/08	6/3/10	8
3	TM		1/26/07		1/12/07	6/3/10	8
4	APOL	12/1/06		11/17/06	1/23/09	6/3/10	4
5	ARYX					6/3/10	4
6	RNOW		4/30/10		1/8/10	6/2/10	4
7	OPLK	2/1/08	4/23/10		4/23/10	6/2/10	1
8	MFE	9/1/06	10/23/09	9/1/06	10/23/09	6/2/10	1
9	WAG	7/18/08	9/22/06	2/22/08	7/22/05	6/2/10	9

9	WAG	7/18/08	9/22/06	2/22/08	7/22/05	6/2/10	
10	CEL					6/2/10	2
11	AGT					6/2/10	5

In the screenshot shown above, ARYX has the most recent multiple divergence
VIVO, MFE, CEL, AGT also have multiple daily divergences.
No stocks have positive divegences on both weekly and daily charts - a bearish
Recent weekly negative divergences on RNOW and OPLK warn against acting o

Sort for recent bear divs, weekly to daily
Recently, we've seen major weekly negative divegences.
In this example, we sort the USTKS sheet,

MACD Lines Neg Div Weekly column
Newest to Oldest

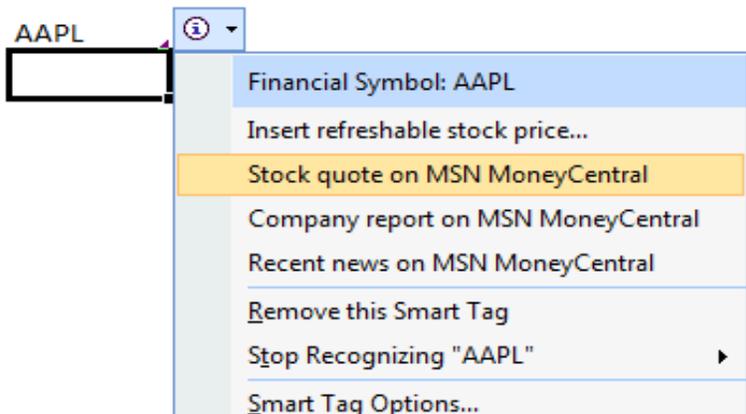|	A	B	C	D	E	F
		MACD Lines Pos Div	MACD Lines Neg Div	MACD Histo Pos	MACD Histo Neg Div	MACD Lines Pos
1	Ticker ▼	Weekly ▼	Weekly ↲	Div Week ▼	Weekly ▼	Div Daily ▼
2	WPI	7/28/06	6/4/10	6/16/06	1/8/10	1/24/08
3	NBS	5/6/05	6/4/10	5/6/05		5/13/04
4	RPM	3/13/09	5/28/10	3/13/09	7/27/07	11/24/08
5	RGR	12/5/08	5/28/10	11/28/08	5/21/10	5/12/08
6	NVE	8/29/08	5/28/10	10/31/08	5/25/07	9/19/08
7	OMG		5/28/10	10/31/08	5/28/10	11/24/08
8	FTI		5/28/10		5/2/08	11/13/08
9	A		5/28/10	3/13/09	5/28/10	3/10/09
10	DRH		5/28/10		5/28/10	11/24/08

In the screenshot shown above, WPI clearly has the most multiple divergences

SmartTags on Tickers
Microsoft places triangles in the lower right AAPL
To access MSN info, hold the cursor over that cell, then click the SmartTag symbol when it appears.
See picture below

AAPL   ⓘ ▾

- Financial Symbol: AAPL
- Insert refreshable stock price...
- Stock quote on MSN MoneyCentral
- Company report on MSN MoneyCentral
- Recent news on MSN MoneyCentral
- Remove this Smart Tag
- Stop Recognizing "AAPL"   ▶
- Smart Tag Options...

Microsoft also places SmartTags on other elements such as dates.

Sector Analysis with DJ Indices
A widely held belief is that analyzing market sectors can give insight into stock selection.
The ICBenchmarks Struture gives a standard way to classify stocks into sectors. More info see:
Dow Jones maintains a set of indices that track the sectors defined by ICB
These indices and their MACD divergences are presented on the DJIS sheet.
Sort and search the DJIS sheet in the same manner as the USTKS and ETFS sheets.

Drilling Down into Sectors with ETFs
Sector ETFs allow a trader to participate in a sector at a broad level.
We can also go deep on a sector by analysing the stocks held by a sector ETF.
Noteable ETF families: iShares mirrors the DJ Indices based on ICB structure and SPDRs has their own secto
The ETFS and linked sheets are designed to make it easier to zoom in on diverging stocks within diverging s

Performance Tracking
The Table sheet and file tracks the performance of the various MACD Divergence strategies.
Column Headings:

Name						
Strat Name	**# Trades**	**# Bars**	**%Wins**	**Expect**	**StdDev**	**%MAE Avg**
	Total trades in this backtesting run	Avg # of bars per trade	Win rate as a % of total trades	Expectancy is key to profitability. Measured as avg of R-Multiples	Measure of volatility of this strategy.	Avg of Worst open drawdown as % of price

The strategies are the same as in scans, with the addition of
MLDLQ - MACD Lines Positive Divergence Long with Quick exit when the MACD lines cross down

Legend for DCI_ sheets
The Divergence Count Indicator (DCI) shows the number of divergences that occurred on each day for daily
On the general DCI_Plot sheet shown below, the positive divergences are plotted in green and the negative
The plot shows at a glance when positive divergences are overwhelming negative divergences.
Another view of the DCI is given by the DCI_P-N sheets.
They show the number of positive minus the number of negative divergences.
 When there are more positive divergences, the plot is above zero and when there are more negative diver

The USTKS_DCI and DJIS_DCI sheets give a raw count of the number for divergences for each day.
 The columns are ordered the same as the USTKS sheets.

DCI Naming:
U for USTKS, D for DJIS
M for MACD

L for Lines, H for Histogram
P for Positive, N for Negative
D for Daily, W for Weekly

Disclaimers

HYPOTHETICAL OR SIMULATED PERFORMANC
HAVE CERTAIN LIMITATIONS. UNLIKE AN ACTU/
PERFORMANCE RECORD, SIMULATED RESULT
REPRESENT ACTUAL TRADING. ALSO, SINCE T
HAVE NOT BEEN EXECUTED, THE RESULTS MA
UNDER-OR-OVER COMPENSATED FOR THE IMP
ANY, OF CERTAIN MARKET FACTORS, SUCH AS
LIQUIDITY. SIMULATED TRADING PROGRAMS IN
ARE ALSO SUBJECT TO THE FACT THAT THEY /
DESIGNED WITH THE BENEFIT OF HINDSIGHT. N
REPRESENTATION IS BEING MADE THAT ANY A
WILL OR IS LIKELY TO ACHIEVE PROFIT OR LOS
SIMILAR TO THOSE SHOWN.

These signals and data should not be taken as investment advice.
This is a computer-generated report of data computed from stock prices.
The markets will vary and individual needs and capabilities vary.
Please consult a licensed professional for personal advice.
Investing in stocks and options is risky.
You may lose money.
Trading and investing are not for everyone.
Consider carefully whether or not you want to participate in the markets.
If you do decide to trade, take steps to limit your risk.

.
init ATR, stop loss, size of position entered by backtester)
reference. You don't need to click into them all.

Trade Size	Risk Amt	Chart	Key Stats - click to open
Number of shares about to be traded. This is calculated on Risk Amt per trade (see next Column), applied to the difference between Price and Init Stop.	The amount risked per trade for this strategy. Usually assumed to be $1000.	Link to a current chart of this ticker. Click on it and the chart will open in your web browser.	Link to Key Statistics of this ticker. Click on it and the chart will open in your web browser.

Stop Loss
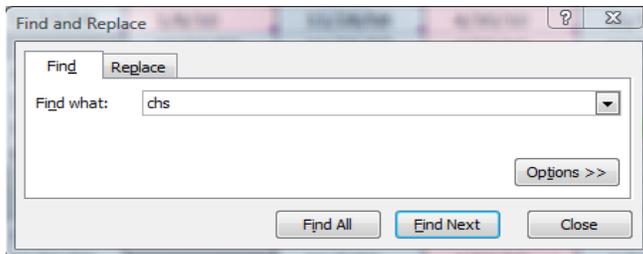with Fixed 3 ATR Stop Loss
Stop Loss
ATR Stop Loss
Lines confirms

MACD Histo Pos Div Daily	MACD Histo Neg Div Daily	Company Name	Stock Chart	Key Stats
Mildly Bullish: Date of last MACD Histogram Positive Divergence on a Daily Chart as detected by the BackTesting Report scanners, running under TradeStation	Mildly Bearish: Date of last MACD Histogram Negative Divergence on a Daily Chart as detected by the BackTesting Report scanners, running under TradeStation	Text that spells out what the ticker symbol represents. This list comes from the exchanges and is filtered for volume and minimun bar count.	Link to a current chart in StockCharts.com for this ticker. Click on it and the chart will open in your web browser. It always opens to a daily chart and you can change the timeframe as needed.	Link to Yahoo Finance Key Statistics of this ticker. Click on it and the chart will open in your web browser.

might have low bar count on weekly chart but be okay on the daily chart.

ans

this calendar month

his calendar month

| 6/23/10 | 4/19/10 | Chico's FAS, Inc. | StockChart | Key Stats |
| 9/12/08 | 6/21/10 | SPDR Gold Trust | StockChart | Key Stats |

with very few weekly positive divergences.

G MACD Lines Neg Div Daily	H MACD Histo Pos Div Daily	I MACD Histo Neg Div Daily
3/28/09	6/2/10	8/26/09
3/5/09	12/8/08	1/20/10
4/22/10	4/14/09	1/13/09
4/30/09	6/3/10	
4/16/10	2/5/07	4/15/10
10/21/09	5/25/10	3/29/10
10/15/09	6/2/10	7/20/09
3/3/09	5/25/10	9/1/09

9/5/09	5/25/10	9/1/09
2/22/10	6/2/10	12/28/09
5/8/09	6/1/10	5/27/09

es but it is too new to have a weekly divergence according to the BAR CNT LOW status

n sign.

on those daily positive divergences.

G	H	I
MACD Lines Neg Div Daily	MACD Histo Pos Div Daily	MACD Histo Neg Div Daily
6/1/10	1/24/08	6/1/10
7/9/03	3/6/07	5/6/10
4/27/10	11/24/08	4/27/10
7/30/09	7/15/08	4/19/10
4/27/10	8/22/08	4/27/10
4/30/10	10/10/08	4/30/10
4/30/10	11/13/08	4/30/10
4/27/10	11/21/08	4/27/10
1/21/10	11/24/08	4/27/10

s

or classification which is similar.
ectors.

%MPE Avg	%MAE Ma	%MPE Max
Worst of Worst open drawdown as % of price	Avg of Best open gains as % of price	Best of Best open gains as % of price

charts and each week for weekly charts.
divergences in red.

gences, the plot is below zero.

Price	Volume	Optionable	Status	ETF Membership
Classification based on the price on the day the list was built (usually the 5th of the month) . See Price Types below. The actual price history used by the scanners is provided by TradeStation.	USTKS are required to have more than 200k volume. No minimums on ETFS or DJIS. Advanced options coming soon…	Option symbol listed here if available. If the underlying is not optionable, this cell contains "--" or "#N/A". Per OIC.	Blank means we scan for divs on this ticker. See other types below.	Lists the ETFs that hold this stock, per the ETF website (usually updated on the 5th of the month)

Mid		CHS		Other	Consume	Clothing,	DJUSCY

High		GLD		NYSE

| DJUSRA | 1 | |