

Trend Day Finder

Symbol:	MSFT	Microsoft Corporation
Start date:	1/3/1995	Largest trend day 12/1/1998 open-close range: 9.25
End date:	12/31/1998	
# trading days:	1011	
		Trend Day Definition, days with: Open & Close within 10% of day's high & low. Top 20% of bars with largest O-C range. (range >= +/-2.56)

What is the frequency & range of trend vs. non-trend days?					
SUMMARY	Up/ Down	Count	O-C	O-C	
		Count	Percent	Range	Points
Trend Day	Up	41	4.1%	4.08	167.24
Trend Day	Down	21	2.1%	-3.50	-73.42
Non-trend Day	Up	494	48.9%	1.45	716.71
Non-trend Day	Down	455	45.0%	-1.47	-669.03
Total days		1011	100.0%		

How does volume differ on trend days?				
VOLUME	Up/ Down	Count	Average	
		Count	Percent	Volume
Trend Day	Up	41	4.1%	82,886,429
Trend Day	Down	21	2.1%	77,698,229
Non-trend Day	Up	494	48.9%	67,303,109
Non-trend Day	Down	455	45.0%	67,447,582
Total days		1011	100.0%	

Is there a relationship between gaps and trend days?					
GAP	Day Type	O-C	Count	Open-Close	
		Up/Down	Count	Percent	Range
Up	Trend Day	Up	4	0.4%	3.47
Up	Trend Day	Down	2	0.2%	-4.00
Up	Non-trend Day	Up	82	8.1%	1.51
Up	Non-trend Day	Down	76	7.5%	-1.69
Down	Trend Day	Up	9	0.9%	4.75
Down	Trend Day	Down	1	0.1%	-5.81
Down	Non-trend Day	Up	64	6.3%	1.64
Down	Non-trend Day	Down	36	3.6%	-1.45
(No gap)	Trend Day	Up	28	2.8%	3.95
(No gap)	Trend Day	Down	18	1.8%	-3.31
(No gap)	Non-trend Day	Up	348	34.4%	1.40
(No gap)	Non-trend Day	Down	343	33.9%	-1.42
Total			1011	100.0%	

How do up and down trend day counts and ranges vary by year?										
BY YEAR	Trend Day Up			Trend Day Down			Non-Trend Day		Total	
	O-C Range	Count	Percent	O-C Range	Count	Percent	Count	Percent	Count	Percent
1995	3.73	8	3.2%	-3.55	6	2.4%	238	94.4%	252	100.0%
1996	3.88	8	3.1%	-4.24	5	2.0%	241	94.9%	254	100.0%
1997	4.15	12	4.7%	-3.23	7	2.8%	234	92.5%	253	100.0%
1998	4.35	13	5.2%	-2.76	3	1.2%	236	93.7%	252	100.0%
Total	4.03	41	4.1%	-3.45	21	2.1%	949	93.9%	1011	100.0%

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How do up and down trend day counts and ranges vary by month?										
MONTH of YEAR	Trend Day Up			Trend Day Down			Non-Trend Day		Total	
	O-C Range	Count	Percent	O-C Range	Count	Percent	Count	Percent	Count	Percent
1	3.57	4	4.7%	-5.81	1	1.2%	80	94.1%	85	100.0%
2	4.33	3	3.9%	-4.13	1	1.3%	73	94.8%	77	100.0%
3	3.13	2	2.3%	-2.99	4	4.7%	80	93.0%	86	100.0%
4	3.56	2	2.4%	0.00	0	0.0%	81	97.6%	83	100.0%
5	3.50	4	4.7%	-3.46	3	3.5%	78	91.8%	85	100.0%
6	4.29	2	2.4%	-2.84	2	2.4%	81	95.3%	85	100.0%
7	4.73	6	7.0%	0.00	0	0.0%	80	93.0%	86	100.0%
8	3.59	2	2.3%	-3.29	4	4.6%	81	93.1%	87	100.0%
9	4.12	3	3.7%	-3.75	2	2.4%	77	93.9%	82	100.0%
10	5.32	1	1.1%	-2.69	1	1.1%	88	97.8%	90	100.0%
11	4.08	5	6.3%	-4.12	1	1.3%	74	92.5%	80	100.0%
12	4.34	7	8.2%	-4.00	2	2.4%	76	89.4%	85	100.0%
Total	4.05	41	4.1%	-3.09	21	2.1%	949	93.9%	1011	100.0%

How do up and down trend day counts and ranges vary by day of the week?										
DAY OF WEEK	Trend Day Up			Trend Day Down			Non-Trend Day		Total	
	O-C Range	Count	Percent	O-C Range	Count	Percent	Count	Percent	Count	Percent
Mon	4.57	8	4.1%	-3.26	3	1.6%	182	94.3%	193	100.0%
Tue	4.33	15	7.2%	-3.87	5	2.4%	188	90.4%	208	100.0%
Wed	3.63	6	2.9%	-3.38	4	1.9%	197	95.2%	207	100.0%
Thu	3.96	5	2.5%	-3.53	8	4.0%	189	93.6%	202	100.0%
Fri	3.46	7	3.5%	-2.57	1	0.5%	193	96.0%	201	100.0%
Total	3.99	41	4.1%	-3.32	21	2.1%	949	93.9%	1011	100.0%

Do NR4 and inside days often precede trend days?					
NR4 and ID	Day Type	Up/Down	Count	Count Percent	O-C Range
Yes	Trend Day	Up	4	0.4%	3.51
Yes	Trend Day	Down	1	0.1%	-2.62
Yes	Non-trend Day	Up	35	3.5%	1.44
Yes	Non-trend Day	Down	21	2.1%	-1.67
No	Trend Day	Up	37	3.7%	4.14
No	Trend Day	Down	20	2.0%	-3.54
No	Non-trend Day	Up	459	45.4%	1.45
No	Non-trend Day	Down	434	42.9%	-1.46
Total			1011	100.0%	

Do narrowest range in 7 days often precede trend days?					
NR7	Day Type	Up/Down	Count	Count Percent	O-C Range
Yes	Trend Day	Up	6	0.6%	3.81
Yes	Trend Day	Down	2	0.2%	-3.28
Yes	Non-trend Day	Up	80	7.9%	1.39
Yes	Non-trend Day	Down	84	8.3%	-1.39
No	Trend Day	Up	35	3.5%	4.13
No	Trend Day	Down	19	1.9%	-3.52
No	Non-trend Day	Up	414	40.9%	1.46
No	Non-trend Day	Down	371	36.7%	-1.49
Total			1011	100.0%	