

VBA Challenge – The VBA of Wall Street – Report

The data lends itself to a couple points of analysis. Year 2015 was much worse than years 2016 and 2014, with a greatest increase of far less than either other year.

Further, BRK_A made a huge comeback from 2015 to 2016, going from the greatest decrease to greatest increase.

Screenshots from each sheet:

Multiple_year_data - Microsoft Excel

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B797711

20161230

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	< ticker>	< date>	< open>	< high>	< low>	< close>	< vol>		Ticker	Yearly Change	Percent Change	Total Stock Volume			Ticker	Value	
2	A	20160101	41.81	41.81	41.81	41.81	0		A	3.75	8.97%	528576200			Greatest % Increase	BRK.A	46321.00
3	A	20160104	41.06	41.19	40.34	40.69	3287300		AA	-1.53	-5.17%	5208239000			Greatest % Decrease	AGN-A	-266.53
4	A	20160105	40.73	40.95	40.34	40.55	2587200		AAC	-11.82	-62.01%	57179800			Greatest Total Volume	BAC	2.7429E+10
5	A	20160106	40.24	40.99	40.05	40.73	2103600		AAN	9.60	42.88%	184809000					
6	A	20160107	40.14	40.15	38.81	39	3504300		AAP	18.61	12.36%	262665300					
7	A	20160108	39.22	39.71	38.47	38.59	3736700		AAT	4.73	12.33%	49026400					
8	A	20160111	38.71	38.9	37.41	37.94	2818600		AAV	1.67	32.87%	27358200					
9	A	20160112	38.43	38.58	37.65	38.19	1989300		AB	-0.40	-1.68%	64736300					
10	A	20160113	38.35	38.47	36.72	36.86	4206600		ABB	3.34	18.84%	503779400					
11	A	20160114	36.94	37.88	36.55	37.61	2893300		ABBV	3.38	5.71%	2034231800					
12	A	20160115	36.67	37.56	36.55	37.11	2994300		ABC	-25.52	-24.61%	647239900					
13	A	20160118	37.11	37.11	37.11	37.11	0		ABEV	0.45	10.09%	4199335100					
14	A	20160119	37.64	37.92	36.79	37.2	2506500		ABG	-5.74	-8.51%	89828200					
15	A	20160120	36.68	37.61	36.13	37.26	2469000		ABM	12.37	43.45%	79787400					
16	A	20160121	37.35	37.83	36.81	37.23	2298300		ABR	0.31	4.34%	27556100					
17	A	20160122	37.91	38.18	37.58	37.98	1834400		ABR-A	0.57	2.33%	792500					
18	A	20160125	37.4	38.03	37.4	37.61	1831200		ABR-B	2.02	8.95%	795300					
19	A	20160126	37.89	37.96	37.36	37.51	1755000		ABR-C	0.18	0.72%	521300					
20	A	20160127	37.39	37.92	36.81	37.05	1479400		ABRN	0.70	2.85%	1759800					
21	A	20160128	37.27	37.27	36.01	36.11	3479400		ABT	-6.50	-14.47%	2298099600					
22	A	20160129	36.44	37.69	36.31	37.65	2959800		ABX	8.60	116.53%	4996990800					
23	A	20160201	37.37	37.95	37	37.69	2666500		AC	2.35	7.70%	6530000					
24	A	20160202	37.18	37.55	36.95	37.07	1742300		ACC	8.43	20.39%	258457600					
25	A	20160203	37.27	37.36	36.29	37.19	2128400		ACCO	5.92	83.03%	163653100					
26	A	20160204	37.15	37.79	36.97	37.42	2833400		ACH	1.97	23.91%	11563400					
27	A	20160205	37.26	37.31	35.83	36.04	4424600		ACM	6.33	21.08%	296759000					
28	A	20160208	35.61	35.78	34.39	34.8	3888600		ACN	12.63	12.09%	650155300					
29	A	20160209	34.21	35.77	34.15	35.37	3464400		ACP	2.08	18.33%	21179200					
30	A	20160210	35.63	36.73	35.53	35.85	3169900		ACRE	2.29	20.02%	35062000					
31	A	20160211	35.12	35.61	34.94	35.33	3224000		ACV	0.62	3.41%	12734300					
32	A	20160212	35.84	36.23	35.52	36.22	3923600		ADC	12.06	35.48%	51966400					
33	A	20160215	36.22	36.22	36.22	36.22	0		ADM	8.97	24.45%	909133500					

Ready

2016

2015

2014

85%

Multiple_year_stock_data - Microsoft Excel

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	<ticker>	<date>	<open>	<high>	<low>	<close>	<vol>		Ticker	Yearly Change	Percent Change	Total Stock Volume			Ticker	Value
1	A	20150101	40.94	40.94	40.94	40.94	0		A	0.87	2.13%	645319200				
2	A	20150102	41.18	41.31	40.37	40.56	1530700		AA	-17.7%	-37.49%	6449104200			Greatest % Increase	NVR
3	A	20150105	40.32	40.46	39.7	39.8	2042200		AA-B	-17.1%	-33.97%	40441700			Greatest % Decrease	BRK.A
4	A	20150106	39.81	40.02	39.02	39.18	2084500		AAC	-11.8%	-38.36%	78122300			Greatest Total Volume	BAC
5	A	20150107	39.52	39.81	39.29	39.7	3359600		AAN	8.1%	-26.76%	179606700				
6	A	20150108	40.24	40.98	40.18	40.89	2116300		AAP	8.77%	-5.51%	266930500				
7	A	20150109	41	41	40.29	40.59	1644900		AAT	1.4%	-3.67%	48158100				
8	A	20150112	40.61	40.72	39.95	40.11	2771100		AAV	0.2%	6.05%	30229400				
9	A	20150113	40.47	40.7	39.33	39.55	2013400		AB	-3.5%	-7.67%	71403800				
10	A	20150114	39.03	39.1	38.21	39.06	5134000		ABB	-3.4%	-16.17%	532805500				
11	A	20150115	39.33	39.41	37.99	38.01	2630200		ABBV	6.7%	-9.47%	2643021600				
12	A	20150116	37.86	38.46	37.76	37.93	3003900		ABC	13.5%	15.03%	516218400				
13	A	20150119	38.25	38.25	38.25	38.25	0		ABEV	-3.7%	-28.30%	3915345800				
14	A	20150120	38.43	38.66	37.76	37.93	5033600		ABG	8.4%	-11.17%	82930400				
15	A	20150121	37.75	38.41	37.68	38.16	2721600		ABM	-0.1%	-0.63%	72539400				
16	A	20150122	38.51	39.86	38.12	39.65	4856500		ABR	0.3%	5.61%	37916900				
17	A	20150123	39.6	39.6	38.76	38.81	1519200		ABR-A	-0.4%	-1.96%	1243100				
18	A	20150126	38.79	39.17	38.47	39.15	1511200		ABR-B	-2.1%	-8.66%	1022000				
19	A	20150127	38.7	39.25	38.58	38.75	1703500		ABR-C	-0.1%	-0.47%	634000				
20	A	20150128	39.01	39.05	37.96	38	2033500		ABRN	0.1%	0.41%	2109900				
21	A	20150129	38	38.47	37.69	38.46	2329900		ABT	-0.1%	-0.24%	1469310700				
22	A	20150130	38.01	38.32	37.71	37.77	3054300		ABX	-3.3%	-31.35%	4289215100				
23	A	20150202	37.9	38.76	37.71	38.69	2508400		AC	1.0%	3.39%	437700				
24	A	20150203	39.04	39.63	38.92	39.62	2950300		ACC	-0.0%	-0.05%	228980000				
25	A	20150204	39.33	39.46	38.82	39.11	2567400		ACCO	-1.8%	-20.87%	167330800				
26	A	20150205	39.22	39.82	39.22	39.53	1826300		ACH	-3.2%	-28.47%	3580100				
27	A	20150206	39.54	39.81	39.23	39.34	2697200		ACM	-0.3%	-1.12%	362299600				
28	A	20150209	39.23	39.43	38.95	39.04	3586100		ACN	15.1%	17.01%	625655000				
29	A	20150210	39.31	39.76	38.78	39.67	1408700		ACP	-3.7%	-24.88%	14348400				
30	A	20150211	39.64	39.81	39.23	39.33	3337000		ACRE	-0.0%	-0.35%	39118800				
31	A	20150212	39.58	40.06	39.53	40.02	1317700		ACV	-6.7%	-27.21%	11539300				
32	A	20150213	39.97	40.31	39.91	40.15	2211900		ACW	-2.6%	-61.75%	46092000				
33	A	20150215	40.15	40.15	40.15	40.15	0		ADC	-8.8%	-6.33%	23065100				

Multiple_year_stock_data - Microsoft Excel

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	<ticker>	<date>	<open>	<high>	<low>	<close>	<vol>		Ticker	Yearly Change	Percent Change	Total Stock Volume			Ticker	Value
1	A	20140101	57.19	57.19	57.19	57.19	0		A	-16.2%	-28.41%	572978100			Greatest % Increase	BRK.A
2	A	20140102	57.1	57.1	56.15	56.21	1916100		AA	15.4%	48.54%	5161412000			Greatest % Decrease	CGG
3	A	20140103	56.39	57.35	56.26	56.92	1866600		AA-B	1.34	2.73%	21618200			Greatest Total Volume	BAC
4	A	20140106	57.4	57.7	56.56	56.64	1777400		AAC	10.9%	54.60%	9789700				
5	A	20140107	56.95	57.63	56.93	57.45	1463200		AAN	1.17	3.98%	237929300				
6	A	20140108	57.33	58.54	57.17	58.39	2659400		AAP	48.6%	43.91%	200376400				
7	A	20140109	58.4	58.68	57.87	58.41	1757600		AAT	8.3%	26.66%	40207800				
8	A	20140110	58.51	59.01	58.14	58.93	1623300		AAV	0.4%	10.37%	86658700				
9	A	20140113	58.77	59.1	58.6	58.93	2946700		AB	4.4%	21.04%	83051600				
10	A	20140114	59.16	59.95	59.02	59.88	2562200		ABB	-5.4%	-20.37%	466820000				
11	A	20140115	59.82	60.37	59.59	60.34	2335100		ABBV	12.6%	23.92%	2303237600				
12	A	20140116	60.24	60.5	60.04	60.5	1835900		ABC	19.8%	28.23%	428969000				
13	A	20140117	60.83	60.83	60.33	60.71	1699500		ABEV	-1.1%	-15.37%	3208014300				
14	A	20140120	60.71	60.71	60.71	60.71	0		ABG	22.1%	41.27%	81065600				
15	A	20140121	60.69	60.88	59.86	60.85	3008400		ABM	0.0%	0.21%	52403000				
16	A	20140122	60.82	61.22	60.71	60.93	2769300		ABR	0.1%	1.65%	28348400				
17	A	20140123	60.48	60.51	59.4	59.47	3063500		ABR-A	0.77	3.18%	1798500				
18	A	20140124	59.46	59.46	57.71	57.87	2656300		ABR-B	2.0%	9.24%	1722000				
19	A	20140127	57.9	58.37	56.98	58.3	4669000		ABR-C	0.94	3.86%	1758200				
20	A	20140128	58.5	58.88	57.91	58.1	2536200		ABRN	0.4%	2.04%	3451100				
21	A	20140129	57.67	58.22	57.41	57.65	2163000		ABT	6.6%	17.45%	1516024700				
22	A	20140130	58.42	60.11	58.42	59.51	3743100		ABX	-6.8%	-39.02%	3085372400				
23	A	20140131	58.61	59.15	58.05	58.15	3529000		ACC	9.1%	28.41%	180543400				
24	A	20140203	58.15	58.48	56.08	56.15	2929200		ACCO	2.2%	34.08%	223248000				
25	A	20140204	56.32	57.88	56.09	57.81	2911800		ACH	2.8%	32.41%	34117500				
26	A	20140205	57.58	57.7	56.96	57.43	2283800		ACM	0.94	3.19%	303393900				
27	A	20140206	57.51	58.35	57.46	58.29	1609400		ACN	7.0%	8.62%	705479100				
28	A	20140207	58.46	59.47	58.13	59.42	1975200		ACP	-3.4%	-14.05%	14206700				
29	A	20140210	59.27	59.44	58.29	59.01	1760400		ACRE	-1.6%	-12.37%	44197000				
30	A	20140211	59	60	58.88	59.73	2148200		ACW	0.6%	16.35%	60360500				
31	A	20140212	60	60.46	59.67	59.89	2347200		ADC	2.07	7.13%	16456400				
32	A	20140213	59.45	60.38	59.37	60.08	3097000		ADM	8.6%	19.82%	899095700				
33	A	20140215	60.15	60.33	60.03	60.03	13063700		ADT	15.4%	46.66%	16233500				