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<p><i>Note: Date on Memos is the date memo was prepared</i></p>

AAPL / GOOG / TSLA

	Apple	Alphabet	Tesla
Shs (billion)	15.9	12.8	3.1
Price – 3/3	151	94	198
52 wk	180 – 124	144 – 83	384 – 102
<i>(\$billion)</i>			
Equity	2,401	1,203	614
Debt	109	15	3
Cash	49	140	14
EV	2,461	1,078	603
Revenue	394	282	81
Oper cost	(224)	(117)	(58)
R&D	(26)	(38)	(3)
SG&A	(25)	(38)	(4)
Cap ex	(11)	(31)	(7)
Income tax	<u>(19)</u>	<u>(11)</u>	<u>(1)</u>
FCF	89	47	8
Interest	(2)	0	0
Dividend	(15)	0	0
Stock repurchase	<u>(89)</u>	<u>(59)</u>	<u>0</u>
Cash flow	(11)	(12)	8
EV x FCF	28x	23x	75x
FCF yield	3%	4%	1½%
Debt x FCF	0.7x	0.0x	0.3x
Interim	12 mos. to 9/30	12 mos. to 12/31	12 mos. to 12/31
Change	+(-)	+(-)	+(-)
Revenue	28	25	27
EBITDA	10	(3)	7
Cap Ex	0	6	1
FCF	10	(9)	6
Growth			
Revenue	11%	9%	30%
FCF	12%	0%	60%
Dividend yield	0.6%	0.0%	0.0%

MSFT / CRM / SNOW / ORCL

	Microsoft	SalesForce	Snowflake	Oracle
Shs (MM)	7,457	1,000	318	2,685
Price 2/3	258	171	163	90
52 wk	315 – 213	222 – 126	328 – 110	91 – 61
<i>(\$billion)</i>				
Equity	1,923	171	52	242
Debt – net	<u>25</u>	<u>9</u>	<u>(3)</u>	<u>85</u>
E.V.	1,948	180	49	327
Revenue	200	32	2.0	46
Oper cost – cash	(50)	(8)	(0.7)	(12)
R&D	(25)	(5)	(0.7)	(8)
Sales	(22)	(13)	(1.0)	(9)
G&A	(6)	(2.5)	(0.3)	(2)
Income tax	(11)	(0.5)	0.0	(1)
Cap Ex	<u>(24)</u>	<u>(0.7)</u>	<u>0.0</u>	<u>(7)</u>
FCF	62	2.3	(0.7)	7
Interest	(1)	(0.5)	0.0	(3)
Dividends	(18)	0.0	0.0	(8)
Stock repurchase	<u>(32)</u>	<u>0.0</u>	<u>0.0</u>	<u>(2)</u>
Cash flow	11	1.8	(0.7)	(6)
EV x FCF	30x	70x	---	45x
FCF yield	3%	1½%	---	2%
Debt x FCF	0.4x	3x	0x	12x
Interim	3 mos. to 9/30	9 mos. to 10/31	9 mos. to 10/31	6 mos. to 10/31
Change	+(-)	+(-)	+(-)	+(-)
Sales	+4.8	+3.7	+0.7	+3.6
EBITDA	+1.0	0.0	0.0	+4.3
Cap ex	+0.5	0.0	0.0	+2.1
FCF	+0.5	0.0	0.0	+2.2
Growth				
Sales	+10%	+12%	+30%	+8%
FCF	+3%	---	---	+30%
Dividend yield	1.1%	0.0%	0.0%	1.4%

NVDA / AMD / INTC / TSMC

	Advanced			Taiwan
	Nvidia	Micro		Semiconductor
	<u>Nvidia</u>	<u>Devices</u>	<u>Intel</u>	
Shs (MM)	2,466	1,645	4,137	5,186
52 wk	289 – 108	133 – 55	53 – 25	110 – 59
Price – 3/24	268	98	29	93 (ADR)
Interim	12 mos. to 1/23	12 mos. to 12/31	12 mos. to 12/31	12 mos. to 12/31
<i>(\$billion)</i>				
Equity	661	161	120	482
Debt	10	2	38	2
Cash	<u>13</u>	<u>6</u>	<u>18</u>	<u>35</u>
EV	658	157	140	449
Revenue	27	24	63	76
Op cost	(12)	(12)	(25)	(20)
R&D	(7)	(5)	(15)	(2)
S, G&A	(2.4)	(2.3)	(7)	(5)
Cap Ex	(1.8)	(0.5)	(25)	(36)
Income tax	<u>(0.1)</u>	<u>(0.1)</u>	<u>0</u>	<u>(3)</u>
FCF	3.7	4.1	(9)	10
Interest	0	0	0	0
Dividend	(0.4)	0	(6)	(10)
Stock repurchase	<u>(10.0)</u>	<u>(3.7)</u>	<u>0</u>	<u>0</u>
Cash flow	(6.7)	0.4	(15)	0
EV x FCF	100x	38x	---	45x
FCF yield	1%	3%	---	2%
Debt x FCF	0x	0x	---	0x
Interim	+(-)	+(-)	+(-)	+(-)
Revenue	0.1	7.2	(15.9)	22
EBITDA	(4.0)	1.5	(17.2)	16
Cap Ex	0.8	0.1	6.1	8
FCF	(4.8)	1.4	(23.3)	8
Growth				
Revenue	0	30%	(25)%	30%
FCF	0	35%	---	80%
Dividend yield	0.1%	0.0	1.7%	1.6%

NFLX / DIS / AMZN / META

	Netflix	Walt Disney	Amazon	Meta
Shs (MM)	445	1,825	10,183	2,614
Price -4/6	339	100	102	216
52 wk	379 – 162	134 – 84	160 – 81	236 – 88
<i>(\$billion)</i>				
Equity	150	182	1,039	565
Debt	14	45	59	10
Cash	<u>6</u>	<u>12</u>	<u>57</u>	<u>40</u>
EV	158	215	1,041	535
Revenue	32	83	513	117
Oper cost / Content	(19)	(54)	(330)	(22)
R&D / Content	(2)	---	(73)	(32)
SG&A	(4)	(16)	(54)	(24)
Cap Ex / Content	(3)	(5)	(67)	(31)
Income tax	<u>0</u>	<u>(1)</u>	<u>0</u>	<u>(6)</u>
FCF	4	7	(17)	2
Interest	(1)	(1)	0	0
Dividend	(3)	0	0	0
Stock repurchase	<u>0</u>	<u>0</u>	<u>(6)</u>	<u>(28)</u>
Cash flow	3	6	(23)	(26)
EV x FCF	40x	30x	---	---
FCF yield	2.5%	3.3%	---	---
Debt x FCF	4x	5x	---	5x
Interim	12 mos. to 12/31	12 mos. to 12/31	12 mos. to 12/31	12 mos. to 12/31
Change	+(-)	+(-)	+(-)	+(-)
Revenue	1.9	16	44	0
EBITDA	(0.6)	3	(7)	(18)
Cap Ex	0	1	(10)	12
FCF	(0.6)	2	(3)	(30)
Growth				
Revenue	6%	20%	9%	0%
FCF	0%	20%	0%	0%
Dividend yield	0.0%	0.0%	0.0%	0.0%

CHTR / CMCSA

	Comcast		
	Charter	Cable	Total
Shs (MM)	162	---	4,211
52 wk	583 - 298	---	48 - 28
Price - 3/2	370	---	37
<i>(\$billion)</i>			
Equity	60	---	156
Debt	<u>96</u>	---	<u>93</u>
Total	156	---	249
Revenue	54	66	121
Cash costs			
Program	(12)	(15)	(38)
Other	(20)	(21)	(46)
Cap Ex	(9.4)	(7)	(9)
Income tax	<u>(1.6)</u>	<u>(3)</u>	<u>(4)</u>
FCF	11.0	20	24
Interest	(4.5)	(3)	(4)
Dividend	0.0	(4)	(5)
Stock repurchase	<u>(10.3)</u>	<u>(13)</u>	<u>(13)</u>
Cash flow	(3.8)	0	2
Debt + equity	156		249
FCF	11.0		24
% yield	7.1%		9.7%
Stock repurchase	10		13
Equity	66		156
Yrs to retire	6 yrs		12 yrs
Debt	96		93
Times FCF	8.7x		3.9x
Interim	12 mos to 12/31		12 mos to 12/31
Change	+(-)		+(-)
Revenue	2.3		5.0
EBITD	1.1		3.5
Cap Ex	1.7		1.0
FCF	(0.6)		2.5
% increase in 2022 FCF	0%		10%
Dividend yield	0		3.1%

T / VZ / TMUS

	AT&T	Verizon	TMobile
Shs (MM)	7,126	4,200	1,250
Price – 10/27	19	40	144
52 wk	22 – 14	56 – 35	154 – 117
<i>(\$billion)</i>			
Equity	135	168	180
Debt	134	148	72
Cash	2	2	7
EV	267	314	245
Revenues	120	136	78
Oper cost	(50)	(58)	(36)
R&D	0	0	0
S,G &A	(28)	(30)	(21)
Cap Ex	(20)	(25)	(14)
Income tax	<u>(5)</u>	<u>(6)</u>	<u>0</u>
FCF	17	17	7
Interest	(6)	(5)	(3.3)
Dividend	(10)	(11)	0
Stock purchase	<u>(1)</u>	<u>0</u>	<u>(0.7)</u>
Cash flow	0	1	3
EV x FCF	16x	18x	50x
FCF yield	6%	6%	2½%
Debt x FCF	8x	9x	20x
Interim	9 mos. to 9/30	9 mos. to 9/30	9 mos. to 9/30
Change	+(-)	+(-)	+(-)
Revenue	NA	+2.0	0.1
EBITDA	(3)	(1.6)	(4.2)
Cap Ex	+0.5	+2.0	(4.8)
FCF	(3.5)	(3.6)	0.5
Growth			
Revenue	---	1.5%	0.0%
FCF	---	---	10%
Dividend yield	5.8%	6.5%	0.0%

MA / V / PYPL

	<u>MasterCard</u>	<u>Visa</u>	<u>PayPal</u>
Shs (MM)	965	2,120	1,161
Price -11/4	318	197	75
52 wk	399 – 207	235 – 175	230 – 68
<i>(\$billion)</i>			
Equity	310	420	87
Debt	<u>14</u>	<u>20</u>	<u>10</u>
EV	324	440	97
Revenue	23	29	27
Oper cost	(6)	(7)	(16)
R&D	0	0	(3)
SG&A	(2)	(2)	(4)
Income tax	(2)	(3)	(0.5)
Cap Ex.	<u>(1)</u>	<u>(1)</u>	<u>(1)</u>
FCF	12	16	2.5
Interest	(0.5)	(0.5)	(0.5)
Dividend	(2)	(3)	0
Stock repurchase	<u>(8)</u>	<u>(10)</u>	<u>(3)</u>
Cash flow	1.5	2.5	(1)
EV x FCF	27x	27x	39x
FCF yield	3.7%	3.7%	2.5%
Debt x FCF	1.2	1.3x	4x
Interim	9 mos. to 9/30	9 mos. to 6/30	6 mos. to 6/30
Change	+(-)	+(-)	+(-)
Revenue	2.7	4.0	1.0
EBITDA	1.8	2.2	(0.7)
Cap Ex	0.2	0.2	(0.6)
FCF	1.6	2.0	(0.6)
Growth			
Revenue	12%	14%	4%
FCF	13%	13%	-20%
Dividend yield	0.6%	0.9%	0.0%

WMT / TGT / LOW / HD

	<u>Walmart</u>	<u>Target</u>	<u>Lowes</u>	<u>Home Depot</u>
Shs (MM)	2,736	461	638	1,024
Price 11/11	143	173	209	315
52 wk	160 – 107	268 – 137	263 – 170	420 – 265
<i>(\$billion)</i>				
Revenue	600	103	105	172
Cost of sales	(456)	(78)	(70)	(113)
S, G&A	(120)	(19)	(18)	(27)
Income tax	(5)	(0.5)	(4)	(6)
Cap ex	<u>(14)</u>	<u>(3)</u>	<u>(1.5)</u>	<u>(3)</u>
FCF	5	2.5	11.5	23
Interest	(1)	(0.5)	(1)	(2)
Dividend	(6)	(1.6)	(2)	(8)
Stk repur.	<u>(8)</u>	<u>(3)</u>	<u>(10)</u>	<u>(6)</u>
Cash flow	(10)	(2.6)	(1.5)	7
Equity	391	80	133	323
Debt	<u>30</u>	<u>13</u>	<u>29</u>	<u>39</u>
EV	421	93	162	362
EV x FCF	80x	37x	14x	16x
FCF yield	1.5%	3%	7%	6%
Debt x FCF	6.0x	5.2x	2.5x	1.7x
Interim	6 mos. to 7/22	6 mos. to 7/22	6 mos. to 8/22	6 mos. to 7/22
Change	+(-)	+(-)	+(-)	+(-)
Sales	15.1	1.8	0.0	4.1
EBITDA	(2.1)	(3.0)	0.2	0.8
Cap ex	2.5	1.2	(0.2)	0.4
FCF	(4.6)	(4.2)	0.4	0.4
Growth				
Sales	5%	4%	0%	5%
FCF	-50%	-50%	7%	4%
Dividend yield	1.6%	2.5%	2.0%	2.4%

XOM / CVX / COP

	Exxon	Chevron	Conoco
Shs (MM)	4,082	1,916	1,224
Price	102	153	95
52 wk	115 – 58	190 – 111	138 – 66
<i>(\$billion)</i>			
Equity	416	293	116
Debt – net	11	6	10
EV	427	299	126
Revenue	414	246	82
Oper cost	(300)	(175)	(44)
S,G & A	(10)	(4)	(0.7)
Cap Ex	(15)	(12)	(9)
Income tax	(20)	(14)	(10)
FCF	69	41	18
Interest	(0.8)	(0.5)	(0.8)
Dividends	(15)	(11)	(4)
Stock repurchase	(15)	(5)	(9)
Cash flow	38	25	4
EV x FCF	6.2x	7.2x	7.0x
FCF yield	16%	14%	14%
Debt x FCF	0.2x	0.2x	0.5x
Interim	12 mos. to 12/31	12 mos. to 12/31	12 mos. to 12/31
Change	+(-)	+(-)	+(-)
Sales	128	84	34
EBITD – taxes	51	27	15
Cap Ex	5	6	1
FCF	46	21	14
Growth			
Sales	30%	+30%	40%
FCF	60%	+40%	80%
Dividend yield	3.6%	3.7%	2.5%

KMI / EPD / ET

	Kinder Morgan	Enterprise Products	Energy Transfer
Shs (MM)	2,248	2,171	3,094
Price	17	25	12
52 wk	20 – 15	28 – 23	14 – 9
<i>(\$billion)</i>			
Equity	38.2	54.3	37.1
Debt	31.6	28.3	48.2
Pref	<u>---</u>	<u>---</u>	<u>6.1</u>
E.V.	69.8	82.6	91.4
Revenue	20.0	58.7	89.9
Oper cost	(12.4)	(51.4)	(76.8)
S,G&A	(0.6)	(0.3)	(1.0)
Cap Ex	(2.2)	(4.5-1.5)	(4.0)
Income tax	<u>(0.7)</u>	<u>(0.1)</u>	<u>(0.2)</u>
FCF	4.1	2.4 –5.4	7.9
Interest	(1.5)	(1.3)	(2.3)
Dividends	(2.5)	(4.1)	(4.4)
Stock repurchase	<u>(0.4)</u>	<u>(0.1)</u>	<u>0.0</u>
Cash flow	(0.3)	(3.1)-(0.1)	1.2
EV x FCF	17x	15x	12x
FCF yield	6%	7%	9%
Debt x FCF	8x	5x	6x
Interim	12 mos. to 12/31	12 mos. to 12/31	12 mos. to 12/31
Change	+(-)	+(-)	+(-)
Sales	2.6	17.3	22.5
EBITD	1.4	0.8	(1.0)
Cap ex	0.0	(0.2)	(0.3)
FCF	1.4	1.0	(1.3)
Growth			
Sales	13%	25%	25%
FCF	30%	20%	0%
Dividend yield	6.8%	7.8%	10.2%

EOG / MGY / PR / FANG

	EOG Resources	Magnolia Oil & Gas	Permian Resources	Diamondback Energy
Stock price	103	20	9½	126
52 wks	150 – 92	30 – 18	12 – 5	169 – 104
Shs (MM)	587`	192	558	180
Oil (B/d)	465	36	56	224
Gas (NGL) MMCF/d	2,510	260	270	970
BOE (6 to 1) per yr.	322	29	37	141
(\$ billion)				
Debt – net	0	0.0	2.1	6.2
Equity	60	3.8	5.3	22.7
EV	60	3.8	7.4	28.9
Revenue	19.0	1.7	2.1	9.6
Oper cost	(4.7)	(0.3)	(0.3)	(1.6)
G&A	(0.6)	(0.1)	(0.1)	(0.2)
Cap Ex	(5.1)	(0.5)	(0.7)	(3.3)
Income tax	(2.1)	(0.1)	(0.1)	(1.2)
FCF	6.5	0.7	0.9	3.3
Interest	0.0	0.0	(1.0)	(0.2)
Dividends	(5.1)	(0.1)	(0.2)	(1.6)
Stock repur	(0.1)	(0.3)	0.0	(1.1)
Cash flow	1.3	0.3	(0.3)	0.4
EV x FCF	9.2x	5.4x	8.2x	11.8x
FCF yield	11%	19%	12%	9%
Interim	12 mos. to 12/31	12 mos. to 12/31	12 mos. to 12/31	12 mos. to 12/31
Change	+(-)	+(-)	+(-)	+(-)
BOE MM	27	3	NA	4
Revenue	5.1	0.6		2.8
EBITD	3.9	0.4		2.5
Cap Ex	1.7	0.2		1.8
FCF	2.2	0.2		0.7
Growth				
Production	8%	10%		3%
Revenue	20%	30%		30%
FCF	30%	30%	V	20%
Dividend	3.2%	2.1%	2.1%	2.5%
FCF per BOE	20	24	24	23

AR / EQT / CHK

	Antero Resources	EQT Corporation	Chesapeake Energy
Shs (MM)	297	365	134
Stock price	22	29	72
52 wk	49 – 21	52 – 27	107 – 70
Dividend yield	0.0%	2.0%	3.0%
<i>(\$ billions)</i>			
Debt	1.2	5.6	3.1
Equity	<u>6.5</u>	<u>10.6</u>	<u>9.6</u>
EV	7.7	16.2	12.7
Production BCF/d	3.2	5.3	4.0
Revenue	7.1	7.5	7.5
Oper cost	(3.5)	(2.5)	(1.8)
S,G & A	(0.2)	(0.3)	(0.2)
Income tax	(0.4)	0.0	(0.2)
CapEx	<u>(0.8)</u>	<u>(1.4)</u>	<u>(1.8)</u>
FCF	2.2	3.3	3.5
Interest	(0.1)	(0.3)	(0.2)
Dividends	0.0	(0.2)	(1.2)
Stock repur	<u>(0.9)</u>	<u>(0.4)</u>	<u>(1.1)</u>
Cash flow	1.2	2.4	1.0
EV x FCF	3.5x	4.9x	3.6x
FCF yield	28%	20%	27%
Debt x FCF	0.6x	1.7x	0.9x
Interim	12 mos. to 12/31	12 mos. to 12/31	12 mos. to 12/31
Change	+(-)	+(-)	+(-)
Prod (BCF/d)	0.0	0.2	0.4
Revenue	2.5	4.9	1.7
EBITD	2.6	3.0	3.0
Cap Ex	0.2	0.4	0.6
FCF	2.4	2.6	2.4
Growth			
Prod	0%	4%	10%
Revenue	30%	50%	30%
FCF	100%	100%	80%
FCF per MCFE	1.90	1.70	2.40

JPM / MS / GS

	<u>JPMorgan</u>	<u>Morgan Stanley</u>	<u>Goldman Sachs</u>
Shs (MM)	2,961	1,674	353
Price 12/2	135	96	341
52 wk	159 – 101	110 – 72	389 – 277
<i>(\$billion)</i>			
Revenue	130	55	49
Comp Exp.	(45)	(23)	(20)
Oper cost	(35)	(16)	(11)
Income tax	(10)	(3)	(3)
Cap Ex	---	---	---
FCF	40	13	15
Interest	---	---	---
Dividends	(14)	(5)	(3.5)
Stock repurchase	(5)	(11)	(3.0)
Cash flow	21	(3)	8.0
Equity	400	160	120
Preferred	33	9	11
Debt	---	---	---
EV	433	169	131
Memo – BV	288	101	119
EV x FCF	11x	13x	8.7x
FCF yield	9%	7.7%	11%
Interim	9 mos. to 9/30	9 mos. to 9/30	9 mos. to 9/30
Change	+(-)	+(-)	+(-)
Revenue	+2.0	(5.4)	(10.0)
FCF	(14.0)	(2.9)	(7.5)
Growth	2%	0%	0%
FCF	0%	0%	0%
Dividend yield	3.0%	3.2%	2.9%

CAT / DE / GNRC

	<u>Caterpillar</u>	<u>Deere</u>	<u>Generac</u>
Shs (MM)	525	304	64
Price – 12/9	227	435	93
52 wk	239 – 161	448 – 283	337 – 90
<i>(\$billions)</i>			
Revenue	59	52	4.7
Oper cost	(42)	(36)	(3.0)
R&D	(2)	(2)	(0.1)
SG&A	(5)	(4)	(0.5)
Income tax	(2)	(2)	(0.1)
Cap Ex	<u>(1)</u>	<u>(1)</u>	<u>(0.1)</u>
FCF	7	7	0.9
Interest	(0.4)	(1.1)	(0.1)
Dividend	(2.4)	(1.3)	0.0
Stock repurchase	<u>(3.5)</u>	<u>(3.5)</u>	<u>0.0</u>
Cash flow	0.7	1.1	0.8
Equity value	120	132	6.0
Debt	9	32	1.3
Cash	<u>(6)</u>	<u>(5)</u>	<u>(0.2)</u>
EV	123	159	7.1
EV x FCF	17x	23x	12x
FCF yield	5.7%	4.4%	8.4%
Debt x FCF	1.2x	4.5x	1.4x
Interim	9 mos. to 9/30	9 mos. to 8/1	9 mos. to 9/30
Change	+(-)	+(-)	+(-)
Revenue	5.6	4.3	0.8
EBITD	1.0	0.1	(0.1)
CapEx	0.2	0.1	0.0
FCF	0.8	0.0	(0.1)
Growth			
Revenue	9%	7%	17%
FCF	10%	0%	0%
Dividend yield	2.1%	1.1%	0.0

PFE / MRNA / LLY / MRK

	<u>Pfizer</u>	<u>Moderna</u>	<u>Eli Lilly</u>	<u>Merck</u>
Shs (MM)	5,607	390	901	2,533
Price	52	199	368	112
52 wk	59 – 45	259 – 115	375 – 231	112 – 73
<i>(\$billions)</i>				
Revenue	98	18	28	60
Oper cost	(29)	(4)	(7)	(17)
R&D	(10)	(3)	(7)	(14)
S, G & A	(11)	(1)	(6)	(10)
Income tax	(4)	(1)	(0.5)	(2)
Cap Ex	<u>(3) – (9)</u>	<u>(0.5)</u>	<u>(1.5)</u>	<u>(4)</u>
FCF	41-35	8.5	6.0	13
Interest	(1)	0.0	(0.5)	(1)
Dividends	(9)	0.0	(3.5)	(7)
Stock repurchase	<u>(3)</u>	<u>(3.0)</u>	<u>(1.5)</u>	<u>0</u>
Cash flow	22	5.5	0.5	5
Debt – net	8	0	14	18
Common	<u>292</u>	<u>78</u>	<u>330</u>	<u>284</u>
EV	300	78	344	302
EV x FCF	8x	9x	50x	23x
FCF yield	12%	11%	2%	4%
Debt x FCF	0	0	2.3x	1.4x
Interim	9 mos. to 9/30	9 mos. to 9/30	9 mos. to 9/30	9 mos. to 9/30
Change	+(-)	+(-)	+(-)	+(-)
Revenue	19	3	1.0	10
EBITD	10	0	0.5	3
Cap ex	0	0	0.3	0
FCF	10	0	0.2	3
Growth				
Sales	20%	15%	3%	20%
FCF	25%	0%	3%	25%
Dividend yield	3.2%	0.0%	1.2%	2.6%

MCD / SBUX / CMG

	<u>McDonald's Corporation</u>	<u>Starbucks Corporation</u>	<u>Chipotle Mexican Grill</u>
Stock price	262	99	1,388
52 wks	281 – 217	117 – 68	1,761 – 1,196
Shs (MM)	735	1,148	37
<i>(\$ billions)</i>			
Debt – net	33	14	3.5
Equity	<u>193</u>	<u>114</u>	<u>51.5</u>
EV	226	128	55.0
Revenues	23.5	32.3	9.0
Oper cost	(8.5)	(24.4)	(4.9)
SG&A	(0.4)	(2.0)	(0.6)
Income tax	(1.8)	(1.0)	(0.4)
Cap Ex	<u>(2.0)</u>	<u>(1.8)</u>	<u>(0.4)</u>
FCF	10.8	3.1	2.7
Interest	(1.2)	(0.5)	(0.1)
Dividends	(4.2)	(2.3)	0.0
Stock repur	<u>(4.5)</u>	<u>(4.0)</u>	<u>(0.7)</u>
Cash flow	0.9	(3.7)	1.9
EV x FCF	21x	41x	20x
FCF yield	5%	2.5%	5%
Debt x FCF	3x	4x	1.3x
Interim	9 mos. to 9/30	12 mos. to 9/30	9 mos. to 9/30
Change	+(-)	+(-)	+(-)
Revenue	0.0	3.3	0.9
EBITD	(0.9)	0.0	0.3
Cap Ex	0.0	(0.4)	0.0
FCF	0.0	(0.4)	0.3
Growth			
Sales	0%	10%	10%
FCF	0%	0%	11%
Dividend yield	2.3%	2.1%	0.0

FDX / UPS / NKE / COST

	Fed Ex	United Parcel	Nike Inc.	Costco Wholesale
Shs (MM)	256	865	1,559	444
Price	181	174	121	450
52 wk	266 – 142	234 – 155	167 – 82	612 – 406
Dividend Yield	2.7%	3.5%	1.2%	0.8%
<i>(\$billion)</i>				
Revenue	92	96	54	222
Oper costs	(80)	(80)	(30)	(192)
S,G&A	NA	NA	(16)	(20)
Income tax	(1)	(3)	(2)	(2)
Cap Ex	(6)	(3)	(1)	(3)
FCF	5	10	5	5
Interest	(1)	(1)	0	0
Dividends	(3)	(5)	(2)	(2)
Stock repurchase	(2)	(3)	(3)	(1)
Cash flow	(1)	2	0	2
Debt – net	20	14	0	0
Equity	46	150	189	200
E.V.	66	164	189	200
EV x FCF	13x	16x	35x	40x
FCF yield	8%	6%	3%	2½%
Debt x FCF	4x	1.4x	0.0x	0.0x
Interim	6 mos. to 11/30	9 mos. to 9/30	6 mos. to 11/30	3 mos. to 11/30
Sales	0.5	3.0	2.0	4.0
EBITD	(0.6)	1.0	0.0	0.1
Cap ex	0.0	(0.3)	0.0	0.0
FCF	(0.6)	1.3	0.0	0.1
Growth				
Sales	0	3%	5%	6%
FCF	0	12%	0%	0%

FCX / ALB / CF

	Freeport McMoran	Albemarle Corporation	CF Industries
Shs (MM)	1,439	117	200
Stock price	45	240	86
52 wk	52 – 25	334 – 170	120 – 63
(\$ billions)			
Debt – net	2	3	0
Equity	<u>65</u>	<u>28</u>	<u>17</u>
EV	67	31	17
Revenue	22	7.0	11.0
Oper cost	(13)	(3.5)	(5.6)
R&D	---	(0.1)	---
S,G & A	(0.5)	(0.5)	(0.3)
Income tax	(2.0)	(0.6)	(1.2)
CapEx	<u>(3.0)</u>	<u>(1.1)</u>	<u>(0.5)</u>
FCF	3.5	1.2	3.4
Interest	(0.4)	(0.1)	(0.3)
Dividends	(0.9)	(0.2)	(0.3)
Stock repur	<u>(2.0)</u>	<u>---</u>	<u>(1.5)</u>
Cash flow	0.2	0.9	1.3
EV x FCF	19x	25x	5x
FCF yield	5%	4%	20%
Debt x FCF	0.0	2x	0.0
Interim	9 mos. to 9/30	9 mos. to 9/30	9 mos. to 9/30
Change	+(-)	+(-)	+(-)
Revenue	0.3	2.3	4.6
EBITD	(0.4)	1.2	3.3
Cap Ex	1.2	0.4	0.0
FCF	(1.6)	0.8	3.3
Growth			
Revenue	1%	40%	60%
FCF	0%	50%	100%
Dividend Yield	1.3%	0.7%	1.8%

UNH / CVS / REGN

	<u>United Health</u>	<u>CVS Health</u>	<u>Regeneron Pharmaceuticals</u>
Shs (MM)	947	1,315	107
Price 1/20	487	87	722
52 wk	558 – 446	111 – 86	779 – 538
<i>(\$ billions)</i>			
Debt – net	55	51	0
Equity	<u>460</u>	<u>114</u>	<u>76</u>
EV	515	165	76
Revenue	324	320	12.0
Oper cost	(292)	(300)(*)	(0.7)
R&D			(3.4)
S,G & A			(2.0)
Income tax	(6)	(1)	(0.7)
Cap Ex	<u>(3)</u>	<u>(2)</u>	<u>(0.5)</u>
FCF	23	17	4.7
Interest	(2)	(2)	0.0
Dividends	(6)	(3)	0.0
Stock repur	<u>(7)</u>	<u>(2)</u>	<u>(1.0)</u>
Cash flow	8	10	3.7
EV x FCF	22x	17x	16x
FCF yield	5%	6%	6%
Debt x FCF	2.4x	3.0x	0.0
Interim	12 mos. to 12/22	9 mos. to 9/30	9 mos. to 9/30
Change	+(-)	+(-)	+(-)
Revenue	36	22	(7.7)
EBITD	4.4	(1.0)	(2.7)
Cap Ex	0.4	0.0	0.0
FCF	4.0	(1.0)	(2.7)
Growth			
Revenue	11%	7%	0%
FCF	19%	0%	0%
Dividend Yield	1.4%	2.8%	0.0%

(*) Excludes \$6MM opioid litigation expense.

 UBER / DASH / ABNB

	<u>Uber</u> <u>Technologies</u>	<u>DoorDash</u> <u>Inc.</u>	<u>Airbnb</u> <u>Inc.</u>
Shs (MM)	1,979	385	639
Price	30	60	104
52 wk	42 – 20	130 – 41	192 – 82
<i>(\$billions)</i>			
Revenue	32	6.5	9.4
Oper cost	(21)	(3.5)	(2.7)
R&D	(3)	(0.8)	(1.5)
SG&A	(7)	(2.8)	(1.0)
Income tax	0	0.0	(0.1)
Cap Ex.	<u>0</u>	<u>(0.2)</u>	<u>0.0</u>
FCF	1	(0.8)	4.3
Interest	(0.5)	0	0
Dividend	0	0	0
Stock repurchase	<u>0</u>	<u>(0.1)</u>	<u>(1.0)</u>
Cash flow	0.5	(0.9)	3.3
Equity	59	24	66
Debt – net	<u>9</u>	<u>0</u>	<u>0</u>
EV	68	24	66
EV x FCF	60x	NA	15x
FCF yield	1½%	0%	7%
Debt x FCF	9x	0	0
Interim	9 mos. to 9/30	9 mos. to 9/30	9 mos. to 9/30
Change	+(-)	+(-)	+(-)
Sales	11.5	1.2	2.0
EBITD	1.5	(0.5)	1.2
CapEx	<u>0.0</u>	<u>0.0</u>	<u>0.1</u>
FCF	1.5	(0.5)	1.1
Growth			
Sales	35%	20%	22%
FCF	100%	0%	30%
Dividend yield	0.0%	0.0%	0.0%

US. GOV'T REVENUES AND EXPENSES

2/27/23

(\$Trillion)			COVID		2022	CBO FORECAST		
	2018	2019	2020	2021		2023	2024	2025
Indv Income tax	1.68	1.77	1.61	2.04	2.61	2.52	2.47	2.51
Payroll tax	1.17	1.24	1.31	1.31	1.49	1.56	1.63	1.70
Corp. income tax	0.21	0.23	0.21	0.37	0.43	0.48	0.48	0.49
Excise et al.	<u>0.27</u>	<u>0.27</u>	<u>0.29</u>	<u>0.31</u>	<u>0.37</u>	<u>0.25</u>	<u>0.26</u>	<u>0.26</u>
Revenue	3.33	3.46	3.42	4.05	4.90	4.81	4.84	4.97
GNP	20.0	20.8	26.1	22.6	25.0	26.2	27.3	28.6
Expenses								
Social Security	0.98	1.04	1.09	1.13	1.21	1.34	1.45	1.55
Medicare	0.70	0.78	0.91	0.87	0.98	1.01	1.03	1.13
Medicaid	0.39	0.41	0.46	0.52	0.59	0.59	0.54	0.54
Fed Pensions	0.10	0.11	0.11	0.11	0.12	0.12	0.13	0.13
Veterans								
Pension	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.08
Other	<u>0.10</u>	<u>0.12</u>	<u>0.12</u>	<u>0.13</u>	<u>0.16</u>	<u>0.18</u>	<u>0.20</u>	<u>0.22</u>
Sub-total	2.39	2.52	2.75	2.82	3.13	3.31	3.42	3.65
Interest	0.33	0.38	0.35	0.35	0.48	0.64	0.74	0.77
Defense	0.61	0.64	0.70	0.71	0.75	0.80	0.84	0.87
All other	<u>0.78</u>	<u>0.91</u>	<u>2.75</u>	<u>2.94</u>	<u>1.94</u>	<u>1.41</u>	<u>1.41</u>	<u>1.43</u>
Expenses	4.11	4.45	6.55	6.82	6.30	6.22	6.41	6.72
Deficit	(0.78)	(0.97)	(3.13)	(2.77)	(1.40)	(1.41)	(1.57)	(1.75)
US Fed Debt								
Subject to ceiling	21.5	22.9	27.2	28.6	30.8	32.4	34.2	36.4
Held by public	15.7	16.8	21.0	22.2	24.3	25.7	27.4	29.2
Av interest rate	2.1%	2.3%	1.7%	1.6%	2.0%	2.5%	2.7%	2.6%

US GAS DEMAND / SUPPLY

US Gas Supply -- 2022:

	<u>BCF/d</u>
Marcellus / Utica	34
Permian	17
Haynesville	16
Other	<u>28</u>
Total 2021	95

Gas Supply Increased 7 BCF/d from 2020 to 2023:

	<u>BCF/d</u>
Permian	+4.0
Haynesville	+2.0
Marcellus / Utica	+1.0

Production / Demand 2019-E2024:

<i>(BCF/d)</i>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>E2023</u>	<u>E2024</u>	<u>E2025</u>
Production	88.5	89.9	91.3	95.5	100.5	101.0	102.0
Cdn imports	4.3	4.3	5.0	5.5	5.0	5.5	5.5
LNG send out	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Supply	<u>93.0</u>	<u>94.4</u>	<u>96.5</u>	<u>101.2</u>	<u>105.7</u>	<u>106.7</u>	<u>107.7</u>
Power	30.6	31.9	31.1	33.0	34.0	34.5	35.0
Industrial	22.8	22.3	22.4	22.5	22.5	22.5	23.0
Res / Comm	25.4	24.2	24.3	24.7	24.0	25.0	25.0
Exports – Mexico	5.1	5.4	6.0	6.0	6.0	6.5	6.5
LNG Feed Gas	5.7	7.2	10.7	11.8	13.5	14.5	16.0
Pipe loss	<u>2.3</u>	<u>2.2</u>	<u>2.2</u>	<u>2.2</u>	<u>2.3</u>	<u>2.3</u>	<u>2.3</u>
Demand	<u>91.9</u>	<u>93.2</u>	<u>96.7</u>	<u>100.2</u>	<u>102.3</u>	<u>105.3</u>	<u>107.8</u>
Storage change	1.1	1.2	(0.2)	1.0	3.4	1.4	(0.1)
Av. Price – HH	2.70	2.20	3.70	6.00	E2.80	E3.50	E4.00

Futures – HH:

		<u>Prompt</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>
1/21/22	Gas HH	3.99	3.87	3.46	3.19	
	Oil WTI	85	81	73	68	
6/24/22	Gas HH	6.23	6.31	5.10	4.47	
	Oil WTI	108	101	88	79	
10/14/22	Gas HH	6.45	6.68	5.61	4.76	
	Oil WTI	86	84	77	71	
1/16/23	Gas HH	3.71	---	3.69	3.96	
	Oil WTI	74	---	74	71	
4/6/23	Gas HH	2.10	---	2.67	3.48	4.09
	Oil WTI	80	---	79	73	68

WORLD OIL SUPPLY / DEMAND

(MM B/d)	2022	2023	2024
Liquids Fuels Consumption	99.4	100.9	102.7
Crude Supply			
US	11.9	12.4	12.6
Saudi Arabia	10.4	—————>	
Russia	10.9	10.3	10.1
Iraq	4.5	—————>	
UAE	3.1	—————>	
Iran	2.5	—————>	
Kuwait	2.7	—————>	
Other OPEC	5.5	—————>	
Other non OPEC			
Other Liquids			
Total	100.0	101.6	103.2
Surplus capacity	2.8		
Liquids Fuels Consumption	2022	2023	2024
US	20.3	20.5	20.8
Other NA	4.1	4.1	4.1
Europe	14.3	14.3	14.3
China	15.2	15.9	16.3
India	5.0	5.2	5.6
Japan	3.4	3.3	3.2
Other Asia	12.5	12.7	12.9
Middle East	9.2	9.4	9.6
Brazil	3.0	3.0	3.1
Other S and C America	3.5	3.5	3.5
Africa	4.4	4.5	4.7
Russia	3.4	3.4	3.5
All other	1.1	1.1	1.1
Total	99.4	100.9	102.7
US Inventory (MM BBLS)	3/22	3/23	+(-) Latest Week
Crude	413	481	(3.7)
Gasoline	256	244	(5.7)
Blend components	219	215	(2.6)
Kero Jet	36	36	(0.2)
Dist Low Sulfur	111	116	(3.6)
Distillate	112	116	(3.6)
Resid.	27	31	(1.2)
Total	1,174	1,239	(20.6)