Apple Inc. (AAPL)

Apple Inc. (AAPL)							npllies by 70									
Values in Millions except per share amounts				tep is dete	ermining i		T implied b	ly the diller	ent ROICS				`			
Overrides are currently active													\backslash			
= marks items on this page that can be overridden																
I = marks items on this page that have active overrides in effect																
Click on the icons to access the Overrides edit page																
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Current
Market Values																
Stock Price (closing)	\$9.69	\$16.24	\$12.88	\$7.76	\$7.36	\$10.34	\$18.64	\$53.20	\$76.98	\$153.47	\$128.24	\$182.37	\$292.32	\$404.30	\$667.10	\$454.74
Market Value of Equity																\$427,770.28
Enterprise Value				and a start of the				inclusion and the second						and the second second	and the second	\$326,256.56
Economic Book Value (EBV)		\$5,030.74				\$3,284.32										\$225,795.93
5.1 ME20	19125	222	22	13 M	101	S. 10	300	S 10	S. M.	8 8	50 - 50 - 11	92 - 2 1	19 B	81 - 82		- 12 - 14 - 14 - 14 - 14 - 14 - 14 - 14
Return on Invested Capital (ROIC)											-	1.0.000			4	
ROIC (Return On Invested Capital)	28. <mark>1%</mark>	42.7%	(20.4%)	(31.0%)	(11.0%)	2.9%	23.1%	137.7%	121.6%	145.1%	181.2%	223.7%	267.3%	338.7%	70.4%	52.0%
Change in ROIC	÷	14.6%	(63.1%)	(10.6%)	20.0%	13.9%	20.2%	114.6%	(16.2%)	23.5%	36.1%	42.5%	43.6%	71.5%	(268.3%)	(286.7%)
Incremental Return on Capital	-		283.8%	(19.7%)	(38.0%)	30.0%	536.8%	(277.4%)	411.7%	112.5%	708.4%	986.6%	257.1%	1,783.8%	(339.6%)	(406.1%)
NOPAT (Net Operating Profit After Tax)																
NOPAT (Net Operating Profit After Tax)	\$215.46	\$292.55	(\$168.95)	(\$257.66)	(\$88.24)	\$29.69	\$201.25	\$1,097.28	\$1,808.63	\$3,169.04	\$4,464.64	\$8,184.04	\$13,357.96	\$25,250.42	\$10,827.34	\$8,004.40
NOPAT Margin	3.6%	4.8%	(2.1%)	(4.8%)	(1.5%)	0.5%	2.4%	7.9%	9.4%	13.2%	13.7%					
Change in NOPAT	-	77.1	(461.5)	(88.7)	169.4	117.9	171.6	896.0	711.3	1,360.4	1,295.6	3,719.4	5,173.9	11,892.5	(14,423.1)	(17,246.0)
NOPAT Growth	-	35.8%	(157.7%)	52.5%	(65.8%)	(133.6%)	577.8%	445.2%	64.8%	75.2%	40.9%	83.3%	63.2%	89.0%	(57.1%)	(68.3%)
Total Operating Revenue	\$5,941.00	\$6,134.00	\$7,983.00	\$5,363.00	\$5,742.00	\$6,207.00	\$8,279.00	\$13,931.00	\$19,315.00	\$24,006.00	\$32,479.00	\$42,905.00	\$65,225.00	\$108,249.00	\$156,508.00	\$156,508.00
Invested Capital																
											7			22		
Invested Capital	\$766.18		\$1,054.49		\$1,001.39		\$710.32	\$883.10		\$2,275.23	\$2,652.21	\$4,664.72	I ANY SWARELES			\$21,178.74
Average Invested Capital	\$766.18	\$684.87	\$829.03	\$831.72		\$1,017.37	\$871.84	\$796.71		\$2,183.79	\$2,463.72				2 () (\$15,378.34
Change in Invested Capital	+	(162.6)	450.9	(445.5)	392.4	32.0	(323.0)	172.8	1,209.2	182.9	377.0					
Invested Capital Growth	-	(21.2%)	74.7%	(42.3%)	64.4%	3.2%	(31.3%)	24.3%	136.9%	8.7%	16.6%				2 2010	10000
Average Invested Capital Turns	7.75	8.96	9.63	6.45	7.13	6.10	9.50	17.49	12.98	10.99	13.18	11.73	13.05	14.52	10.18	10.18
DCF Forecast Drivers																
Total Operating Revenue Growth	2	3.2%	30.1%	(32.8%)	7.1%	8.1%	33.4%	68.3%	38.6%	24.3%	35.3%	32.1%	52.0%	66.0%	44.6%	44.6%
NOPBT Margin	3.9%	5.3%	(2.9%)	(6.7%)	(2.1%)	0.6%	3.3%	10.8%	13.0%	18.7%	19.6%	27.6%	28.4%	31.3%	9.2%	6.8%
Cash Tax Rate	6. <mark>1</mark> %	9.8%	28.0%	28.6%	26.9%	26.3%	26.9%	26.9%	28.2%	29.3%	29.9%	30.9%	27.8%	25.5%	24.7%	24.7%
Net Working Capital Delta as % of Revenue Delta	2	(165.5%)	1.6%	12.1%	33.2%	(27.0%)	(14.2%)	(3.1%)	(11.8%)	(12.7%)	(16.6%)	12.6%	(11.6%)	(8.8%)	(1.4%)	(1.4%)
Adjusted Fixed Assets Delta as % of Revenue Delta	-	81.2%	22.7%	4.9%	70.3%	33.9%	(1.4%)	6.1%	34.2%	16.6%	21.0%	6.7%	14.6%	18.7%	25.5%	25.5%
Free Cash Flow (FCF) Analysis (FCF = NOPAT - Char	nge in inve	sted Cap	ital)													
FCF (Free Cash Flow)		\$455.16	(\$619.87)	\$187.88	(\$480.69)	(\$2.27)	\$524.28	\$924.50	\$599.38	\$2,986.15	\$4,087.66	\$6,171.52	\$12,691.27	\$21,003.89	(\$773.45)	(\$3,596.40)
Change in FCF			(1,075.0)	807.7	(668.6)	478.4	526.5	400.2	(325.1)	2,386.8	1,101.5	V. 8465.94630	2.5.1910-1910-1910-1			and the second second
FCF Growth	1		(236.2%)	(130.3%)	(355.8%)		(23,208.3%)	76.3%	(35.2%)	398.2%	36.9%					
FCF Yield	-	6.0%	(9.9%)	7.6%	(19.6%)	(0.0%)	5.1%	2.4%	1.0%	2.4%	4.3%				2 2 CANNON	
Economic Earnings ((ROIC - WACC) * Invested Capit	all & Com	adeon				100000000000000000000000000000000000000										
277-2725	al) a comp	Janson			Next st	ten is valu	ing the bus	iness hase	d on the in	nnlied NOP	AT which is	s the Econo	mic Book V	alue		
Economic Earnings	\$146.73	\$231.41	(\$246.76)	(\$329.99)	1.04	per Share	-				AT, WHICH IC			96	\$9,821.56	\$9,821.56
Change in Economic Earnings		84.7	(478.2)	(83.2)			BV calculati			•				1.7	(14,040.4)	
Economic Earnings per Share	\$0.28	\$0.40	(\$0.38)	(\$0.48)			nomic Bool AAPL: http			DTALI				69		And a second
Economic Earnings per Share Growth	-	45.4%	al contesta	25.6%										2%		
ROIC (Return On Invested Capital)	28.1%	42.7%	(20.4%)	(31.0%)	(11.0%)		23.1%	137.7%		145.1%	181.2%	223.7%			70.4%	
WACC (Weighted Average Cost of Capital)	9.0%	8.9%	9.4%	8.7%	8.6%	8.1%	8.6%	8.2%		8.4%	8.1%					a started
Economic Earnings Margin (ROIC - WACC)	19.2%	33.8%	(29.8%)	(39.7%)	(19.5%)	(5.1%)	14.5%	129.5%	113.2%	136.7%	173.1%	216.3%	259.4%	330.9%	63.9%	63.9%
GAAP Net Income	\$309.00	\$601.00	\$786.00	(\$25.00)	\$65.00	\$69.00	\$276.00	\$1,335.00	\$1,989.00	\$3,496.00	\$4,834.00	\$8,235.00	\$14,013.00	\$25,922.00	\$41,733.00	\$41,733.00
Change in GAAP Net Income	8	\$292.00	\$185.00	(\$811.00)	\$90.00	\$4.00	\$207.00	\$1,059.00	\$654.00	\$1,507.00	\$1,338.00	\$3,401.00	\$5,778.00	\$11,909.00	\$15,811.00	\$15,811.00
Diluted GAAP EPS	\$0.46	\$0.86	\$1.09	(\$0.04)	\$0.09	\$0.09	\$0.36	\$1.56	\$2.27	\$3.93	\$5.36	\$9.08	\$15.15	\$27.68	\$44.15	\$44.15
Diluted GAAP EPS Growth	2	87.5%	26.4%	(103.3%)	(348.4%)	5.7%	275.4%	337.3%	45.5%	73.4%	36.3%	69.4%	66.9%	82.6%	59.5%	59.5%
Economic Book Value Per Share, Accounting Book	/alue Per S	hare and	Other K	ey Ratios												
PEBV (Price to Economic Book Value per Share)	1.73	1.85	30.03	(72.05)	3.00	2.27	2.30	2.38	2.35	2.87	1.53	1.20	1.26	0.96	2.36	1.89
Economic Book Value (EBV) Per Share	\$5.59		\$0.43	(\$0.11)	\$2.46	\$4.55	\$8.10		\$32.82		\$83.95					
Loonome book value (LDV) rei onare	40.08	- 4 0.78	90.43	(40.11)	92.40	\$4.00	40.10	422.39	\$J2.02	- 400.0 I	-203.95	9101.90	9231.04	Q422.30	9203.24	3240.03

ROIC (Return On Invested Capital)	28.1%	42.7%	(20.4%)	(31.0%)	(11.0%)	2.9%	23.1%	137.7%	121.6%	145.1%	181.29
WACC (Weighted Average Cost of Capital)	9.0%	8.9%	9.4%	8.7%	8.6%	8.1%	8.6%	8.2%	8.4%	8.4%	8.19
Economic Earnings Margin (ROIC - WACC)	19.2%	33.8%	(29.8%)	(39.7%)	(19.5%)	(5.1%)	14.5%	129.5%	113.2%	136.7%	173.19
GAAP Net Income	\$309.00	\$601.00	\$786.00	(\$25.00)	\$65.00	\$69.00	\$276.00	\$1,335.00	\$1,989.00	\$3,496.00	\$4,834.0
Change in GAAP Net Income	8	\$292.00	\$185.00	(\$811.00)	\$90.00	\$4.00	\$207.00	\$1,059.00	\$654.00	\$1,507.00	\$1,338.0
Diluted GAAP EPS	\$0.46	\$0.86	\$1.09	(\$0.04)	\$0.09	\$0.09	\$0.36	\$1.56	\$2.27	\$3.93	\$5.3
Diluted GAAP EPS Growth	2	87.5%	26.4%	(103.3%)	(348.4%)	5.7%	275.4%	337. <mark>3</mark> %	45.5%	73.4%	36.39

PEBV (Price to Economic Book Value per Share)	1.73	1.85	30.03	(72.05)	3.00	2.27	2.30	2.38	2.35	2.87	1.
Economic Book Value (EBV) Per Share	\$5.59	\$8.79	\$0.43	(\$0.11)	\$2.46	\$4.55	\$8.10	\$22.39	\$32.82	\$53.51	\$83.

Economic Book Value Per Share, Accounting Book Value Per Share and Other Key Ratios

PEBV (Price to Economic Book Value per Share)	1.73	1.85	30.03	(72.05)	3.00	2.27	2.30	2.38	2.35	2.87	1.53	1.20	1.26	0.96	2.36	1.89
Economic Book Value (EBV) Per Share	\$5.59	\$8.79	\$0.43	(\$0.11)	\$2.46	\$4.55	\$8.10	\$22.39	\$32.82	\$53.51	\$83.95	\$151.90	\$231.64	\$422.38	\$283.24	\$240.03
Stock Price (closing)	\$9.69	\$16.24	\$12.88	\$7.76	\$7.36	\$10.34	\$18.64	\$53.20	\$76.98	\$153.47	\$128.24	\$182.37	\$292.32	\$404.30	\$667.10	\$454.74
PVGO per Share	This part of 1. NOPAT/	•			behind m	y Econom	iic Book Va	alue calcula	tion. 4.18	\$99.96	\$44.29	\$30.47	\$60.68	(\$18.08)	\$383.86	\$214,71
PVGO as % of Stock Price	2. Then, ad				s and tax	liabilities,	the values	for which a	re 7.4%	65.1%	34.5%	16.7%	20.8%	(4.5%)	5 <mark>7</mark> .5%	47.2%
Accounting Book Value per Share	provided be Economic E	low.							11 38	\$16.34	\$23.31	\$34.88	\$51.68	\$81.80	\$125.04	\$125.04
Price to Accounting Book Value							5 .0 901 - 2	r por origin	6.77	9.39	5.50	5.23	5.66	4.94	5.33	3.64
Enterprise Value Per Invested Capital	0.00	12.00	0.80	4.00	2.40	4.40	14.04	40.00	28.11	55.03	35.70	29.45	42.32	32.10	24.84	15 40
Enterprise Value Per EBITDA	13.78	18.87	(38.06)	(8.80)	(94.60)	36.11	25.68	23.31	21.84	26.43	13.99	10.99	11.61	8.64	8.99	5.58
Enterprise Value To Revenue	0.77	1.23	0.79	0.46	0.43	0.73	1.23	2.75	3.05	5.22	2.92	3.29	3.46	2.84	3.36	2.08
Price to Unlevered NOPAT per Share	23.74	31.78	(49.47)	(20.80)	(59.22)	251.31	68.85	39.20	35.93	42.40	25.53	20.05	20.04	14.88	57.87	53 44
P/E (Price/Earnings Multiple)	21.06	18.82	11.80	(214.42)	81.93	108.99	52.33	34.14	33.96	39.04	23.93	20.09	19.29	14.61	15.11	10 30
P/E Per Revenue Growth	64	5.79	0.39	6.53	11.59	13.46	1.57	0.50	0.88	1.61	0.68	0.63	0.37	0.22	0.34	0.23
Return on Equity	18.8%	19.4%	19.1%	(0.6%)	1.6%	1.6%	5.4%	17.9%	19,9%	24.1%	23.0%	26.0%	29.3%	33.8%	35.3%	35.3%
Economic Book Value Calculation and Compo	nents (see our bl	og for de	etails on t	his calcu	lation)											
NOPAT (Net Operating Profit After Tax)	\$215.46	\$292.55	(\$168.95)	(\$257.66)	(\$88.24)	\$29.69	\$201.25	\$1,097.28	\$1,808.63	\$3,169.04	\$4,464.64	\$8,184.04	\$13,357.96	\$25,250.42	\$10,827.34	\$8,004.40
WACC (Weighted Average Cost of Capital)	9.0%	8.9%	9.4%	8.7%	8.6%	8.1%	8.6%	8.2%	8.4%	8.4%	8.1%	7.4%	7.9%	7.8%	6.5%	6.4%
Adjusted Total Debt	(1,090.6)	(451.5)	(505.6)	(651.8)	(679.9)	(781.2)	(478.5)	(674.1)	(877.8)	(1,083.7)	(1,353.6)	(1,528.8)	(1,660.5)	(2,373.9)	(3,699.2)	(3,699.2)
Fair Value of Preferred Capital	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Fair Value of Minority Interests	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)
Value of Outstanding ESO After Tax	(361.3)	(649.3)	(742.9)	(558.4)	(574.2)	(513.5)	(898.4)	(2,162.3)	(2,114.0)	(3,948.1)	(2,206.2)	(2,675.6)	(3,242.0)	(2,661.2)	(2,682.3)	(1,643.9)

value of Outstanding ESO After Tax	(301.3)	(048.3)	(/42.9)	(000.4)	(3(4.2)	(513.5)	(080.4)	(2,102.3)	(2,114.0)	(3,840.1)	(2,200.2)
Pensions Net Funded Status	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess Cash	2,002.9	2,919.3	3,627.8	4,195.8	4,088.9	4,255.6	5,050.0	7,564.4	9,144.2	14,185.7	22,866.0
Adjusted Unconsolidated Subsidiary Assets (non-operating)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Adjusted Net Discontinued Operations Asset (Liability)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net Deferred Compensation Asset (Liability)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net Deferred Tax Liability	0.0	(65.0)	(301.0)	(97.0)	(63.0)	(45.0)	0.0	0.0	0.0	0.0	0.0
Economic Book Value (EBV)	\$2,952.93	\$5,030.74	\$278.27	(\$74.40)	\$1,743.48	\$3,284.32	\$6,019.48	\$18,098.50	\$27,699.09	\$46,850.96	\$74,624.06
	Excess Cash Adjusted Unconsolidated Subsidiary Assets (non-operating) Adjusted Net Discontinued Operations Asset (Liability) Net Deferred Compensation Asset (Liability) Net Deferred Tax Liability	Excess Cash2,002.9Adjusted Unconsolidated Subsidiary Assets (non-operating)0.0Adjusted Net Discontinued Operations Asset (Liability)0.0Net Deferred Compensation Asset (Liability)0.0Net Deferred Tax Liability0.0	Excess Cash2,002.92,919.3Adjusted Unconsolidated Subsidiary Assets (non-operating)0.00.0Adjusted Net Discontinued Operations Asset (Liability)0.00.0Net Deferred Compensation Asset (Liability)0.00.0Net Deferred Tax Liability0.00.0	Excess Cash2,002.92,919.33,627.8Adjusted Unconsolidated Subsidiary Assets (non-operating)0.00.00.0Adjusted Net Discontinued Operations Asset (Liability)0.00.00.0Net Deferred Compensation Asset (Liability)0.00.00.0Net Deferred Tax Liability0.0(65.0)(301.0)	Excess Cash2,002.92,919.33,627.84,195.8Adjusted Unconsolidated Subsidiary Assets (non-operating)0.00.00.00.0Adjusted Net Discontinued Operations Asset (Liability)0.00.00.00.0Net Deferred Compensation Asset (Liability)0.00.00.00.0Net Deferred Tax Liability0.0(65.0)(301.0)(97.0)	Excess Cash 2,002.9 2,919.3 3,627.8 4,195.8 4,088.9 Adjusted Unconsolidated Subsidiary Assets (non-operating) 0.0	Excess Cash 2,002.9 2,919.3 3,627.8 4,195.8 4,088.9 4,255.6 Adjusted Unconsolidated Subsidiary Assets (non-operating) 0.0 <td>Excess Cash 2,002.9 2,919.3 3,627.8 4,195.8 4,088.9 4,255.6 5,050.0 Adjusted Unconsolidated Subsidiary Assets (non-operating) 0.0</td> <td>Excess Cash 2,002.9 2,919.3 3,627.8 4,195.8 4,088.9 4,255.6 5,050.0 7,564.4 Adjusted Unconsolidated Subsidiary Assets (non-operating) 0.0 0.</td> <td>Excess Cash 2,002.9 2,919.3 3,627.8 4,195.8 4,088.9 4,255.6 5,050.0 7,564.4 9,144.2 Adjusted Unconsolidated Subsidiary Assets (non-operating) 0.0</td> <td>Excess Cash 2,002.9 2,919.3 3,627.8 4,195.8 4,088.9 4,256.6 5,050.0 7,564.4 9,144.2 14,185.7 Adjusted Unconsolidated Subsidiary Assets (non-operating) 0.0</td>	Excess Cash 2,002.9 2,919.3 3,627.8 4,195.8 4,088.9 4,255.6 5,050.0 Adjusted Unconsolidated Subsidiary Assets (non-operating) 0.0	Excess Cash 2,002.9 2,919.3 3,627.8 4,195.8 4,088.9 4,255.6 5,050.0 7,564.4 Adjusted Unconsolidated Subsidiary Assets (non-operating) 0.0 0.	Excess Cash 2,002.9 2,919.3 3,627.8 4,195.8 4,088.9 4,255.6 5,050.0 7,564.4 9,144.2 Adjusted Unconsolidated Subsidiary Assets (non-operating) 0.0	Excess Cash 2,002.9 2,919.3 3,627.8 4,195.8 4,088.9 4,256.6 5,050.0 7,564.4 9,144.2 14,185.7 Adjusted Unconsolidated Subsidiary Assets (non-operating) 0.0

\$8,004.40	\$10,827.34	\$25,250.42	\$13,357.96	\$8,184.04	64
6.4%	<mark>6.5%</mark>	7.8%	7.9%	7.4%	%
(3,699.2)	(3,699.2)	(2,373.9)	(1,660.5)	(1,528.8)	6)
(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	0)
(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	.0)
(1,643.9)	(2,682.3)	(2,661.2)	(3,242.0)	(2,675.6)	2)
0.0	0.0	0.0	0.0	0.0	0.0
118,120.8	118,120.8	79,405.0	49,706.5	31,846.8	6.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0
(11,264.0)	(11,264.0)	(6,145.0)	(2,664.0)	(918.0)	0.0
\$225,795.93	\$266,024.93	\$392,508.18	\$212,171.29	\$136,679.10	06