### Capital Cost Comments...

Health Plan Industry stocks rose on average 1.4% from October 16th through October 23rd, while increasing 14.0% year-to-date. The broader market, measured by the S&P 500, was lower by 0.5% for the week, and is higher by 7.3% for the year. Health plan sector market capitalization increased by 1.5% for the week and is higher by 6.9% for the year.

Individual stock price performance among the plans in our universe was higher with six of seven plans gaining ground. Anthem led the universe higher increasing by 4.7%, followed by Cigna at 3.7% and Centene at 1.8%. Humana gained 1.5%. Molina and UnitedHealth grew by 0.9% and 0.2%, respectively. Triple-S decreased by 2.8%.

Valuation indicators were higher with Price per Total Member increasing by 1.5% to \$3,495. Price per Risk Member rose by 1.6% to \$5,768. Price-to-Trailing Twelve Month Earnings gained by 1.4% to 17.7 times, and Price-to-Sales increased by 1.7% to 0.72 times. Price-to-Operating Earnings was higher by 2.0% to 15.7 times. Price-to-Projected 2020 Earnings grew by 1.5% to 15.0 times. Please see the Financial Tables on Pages A – D for more data.

Health Plan Dashboard			
Capital Cost Indicators	Commercial	Medicaid	A11
<b>Equity Capital Costs</b>			
Price-to-Sales	0.84	0.54	0.72
Price per Risk Member	\$7,758	\$2,783	\$5,768
Price per Total Member	\$4,087	\$2,606	\$3,495
Price-to-Operating Earnings	17.2	12.7	15.7
Price / Earnings	17.2	19.0	17.7
Price / 2020 Earnings	14.7	15.9	15.0
Health Plan Industry Beta			0.915
Health Plan Industry Discount Rat	e		6.77%
			−S&P 500
Health Plan Sto	ock Price Index		−3&1 300 ⊢Plans
150		-	- Plans
130			
110			
90			
70			
19-Jun 3-Jul 17-Jul 31-Jul 14-A	ug 28-Aug 11-Sep	25-Sep 9-O	ct 23-Oct
Financial/			
Operational Metrics	Commercial	Medicaid	All
Growth			
Revenue Growth	9.0%	30.8%	15.2%
Price Change	3.4%	5.6%	4.1%
Insured Membership Growth	4.2%	24.1%	9.9%
Profit Margin			
Operating Margin	9.9%	8.1%	
1 0 0			9.4%
i Health Benefit Katio			9.4% 76.7%
Health Benefit Ratio  Administrative Exp. to Prem	76.6%	77.1%	76.7%
Administrative Exp. to Prem.	76.6% 12.2%		
	76.6%	77.1%	76.7%
Administrative Exp. to Prem.	76.6% 12.2%	77.1% 15.0%	76.7% 13.0%
Administrative Exp. to Prem.  Return on Equity	76.6% 12.2%	77.1% 15.0%	76.7% 13.0%
Administrative Exp. to Prem.  Return on Equity  Leverage and Solvency	76.6% 12.2% 14.4%	77.1% 15.0% 24.0%	76.7% 13.0% 17.2%
Administrative Exp. to Prem.  Return on Equity  Leverage and Solvency  Debt to Capital	76.6% 12.2% 14.4%	77.1% 15.0% 24.0% 21.1%	76.7% 13.0% 17.2% 17.9%

The equity prices and valuation metrics increases were due to bullish investor sentiment in the healthcare sector. This week there are upcoming earnings, before the market opens, for Centene, Anthem and Molina, on the 27th, 28th and 29th, respectively.

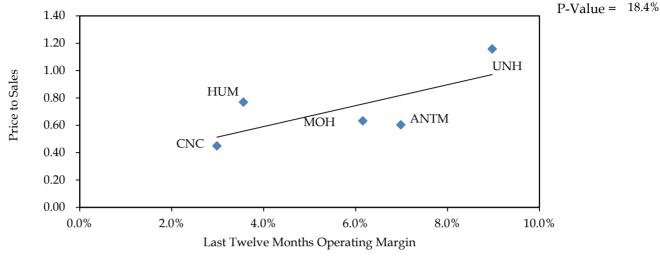
The health plan industry beta and health plan discount rate were 0.915 and 6.77%, respectively. *All rates of change are calculated holding the universe of health plans constant.* 

## P • U • L • S • E

### **Regressions Based on Valuations**

Last Twelve Months Operating Margin vs. Price-to-Sales

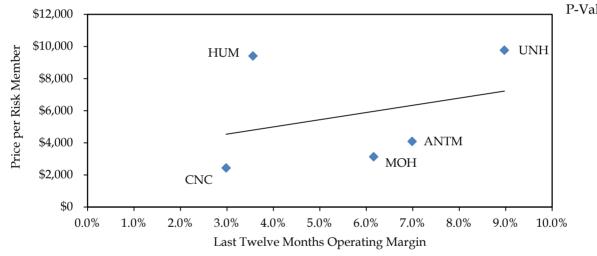
 $R^2 = 49.6\%$ 





 $R^2 = 9.8\%$ 

P-Value = 60.7%



Last Twelve Months Operating Margin vs. Price Per Total Member

 $R^2 = 21.4\%$ 

P-Value = 26.8% \$7,000 \$6,000 UNH Price per Total Member \$5,000 HUM \$4,000 MOH \$3,000 **CNC** \$2,000 ANTM \$1,000 \$0 1.0% 2.0% 5.0% 0.0% 3.0% 4.0% 6.0% 7.0% 8.0% 9.0% 10.0%

Last Twelve Months Operating Margin

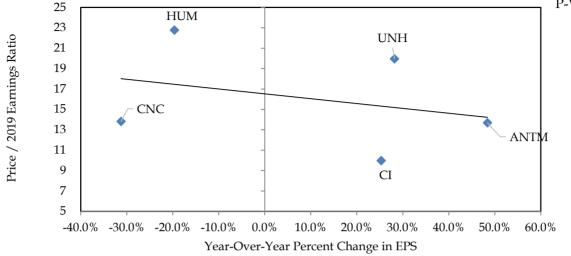
## $P \cdot U \cdot L \cdot S \cdot E$

### Regressions Based on Valuations, continued.

Last Twelve Months Year-Over-Year Percent Change in EPS vs. Price / 2020 Earnings Ratio

 $R^2 = 9.7\%$ 

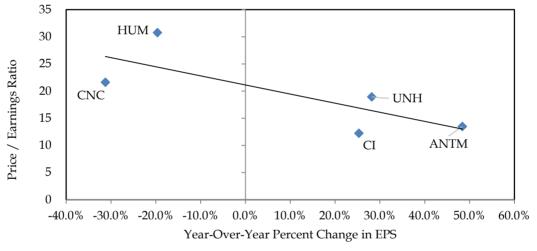
P-Value = 61.0%



Last Twelve Months Year-Over-Year Percent Change in EPS vs. Price / Earnings Ratio

 $R^2 = 58.8\%$ 

P-Value = 13.0%



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From time to time, Sherlock Company provides performance benchmarking services to firms mentioned in PULSE. PULSE analyses are based exclusively on publicly available information and not on confidential information through our benchmarking services.

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# P • U • L • S • E

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# P • U • L • S • E Market Statistics (000, Except Ratios)

										Va	luation Rati	os (a)				
					Shares		Pric	e / Earnings		Price	Price	Price	Price	Price		
		Year	Interim	Stock	Out-	Current	Mul	tiples (P/E)		to Op.	to	to	Per	per	Price	Price to
		End	Data	Price	standing	Market	Latest	Last	Est.	Income	<b>EBITDA</b>	Sales	Risk	Total	to Net	Tang.
	Ticker	Data	(Int.)	10/23/20	(Int.)	Cap.	Year	12 Mo.	2020	LTM	LTM	LTM	Member	Member	Worth	Book
Anthem, Inc.	ANTM	12/31/19	6/30/20	\$310.76	255,400	\$79,368,104	16.8	13.5	13.7	8.6	7.5	0.60	\$4,093	\$1,869	2.30	24.5
CIGNA	CI	12/31/19	6/30/20	\$184.49	370,697	\$68,389,890	11.7	12.3	10.0	25.5	NM	NM	NM	NM	1.44	(2.1)
Corporation																
Humana Inc.	HUM	12/31/19	6/30/20	\$444.31	133,023	\$59,103,449	19.6	30.8	22.8	21.6	18.2	0.77	\$9,410	\$4,387	4.10	5.9
Triple-S Mgmt.	GTS	12/31/19	6/30/20	\$19.86	23,271	\$462,168	5.0	10.5	7.1	NM	NM	NM	NM	NM	0.47	0.5
Corporation																
UnitedHealth	UNH	12/31/19	9/30/20	\$330.60	962,000	\$318,037,200	22.7	18.9	20.0	12.9	11.5	1.16	\$9,770	\$6,004	4.55	(57.3)
Group																
Average or		5				\$525,360,811	15.2	17.2	14.7	17.2	12.4	0.84	\$7,758	\$4,087	2.57	(5.7)
Total Commercial							(b)	(b)	(b)	(b)			(b)			(b)
Centene	CNC	12/31/19	6/30/20	\$67.42	587,498	\$39,609,115	21.7	21.7	13.8	15.1	11.2	0.45	\$2,435	\$2,082	1.57	(42.5)
Corporation																
Molina	МОН	12/31/19	6/30/20	\$212.55	59,400	\$12,625,470	18.3	16.3	17.9	10.3	9.6	0.63	\$3,131	\$3,131	6.33	6.9
Healthcare, Inc.																
Average or		2				\$52,234,585	20.0	19.0	15.9	12.7	10.4	0.54	\$2,783	\$2,606	3.95	(17.8)
Total Medicaid													(b)			
Average or Total		7	•		•	\$577,595,396	16.5	17.7	15.0	15.7	11.6	0.72	\$5,768	\$3,495	2.97	(9.2)
All							(b)	(b)	(b)	(b)			(b)			(b)

#### Notes:

- (a) Price Includes long-term debt and excludes working capital, except Price/Earnings, Price to Tangible Book and Price to Net Worth
- (b) Averages excludes unavailable and outlying data.
- (c) Excludes restructuring costs, non-recurring items and/or results from discontinued operations.
- (d) Includes all non-current liabilities except deferred income tax liabilities.
- (e) Pro forma.
- (f) Previous quarter data.
- (g) Annualized Data
- (h) Sherlock Company Estimates

P • U • L • S • E Financial Statistics (000, Except Ratios)

			Revenue Trend	S			Price Tre			Membership Trends						
	·				<u> </u>		PMPN	И		Members (000's)						
	Α	nnual Trend	ds	Quarterly	Trends	Premiu	Premiums		Fees		red	ASO		Total		
	Latest	Pct.	Last 12	Interim	Percent	Interim	Percent	Interim	Percent	Interim	Percent	Interim	Percent	Interim	Percent	
	Year	Chg.	Months	Quarter	Change	Quarter	Change	Quarter	Change	Quarter	Change	Quarter	Change	Quarter	Change	
Anthem, Inc.	\$103,141,000	12.9%	\$112,202,000	\$29,178,000	15.9%	\$505 (h)	-0.6%	\$26.09 (h)	-9.3%	16,565	7.4%	19,717	1.5%	36,282	4.1%	
CIGNA	\$36,041,000	11.5%	\$37,034,000	\$9,188,000	3.7%	\$471	3.1%	\$35.81	-11.8%	3,538	3.6%	11,877	-1.0%	15,415	0.0%	
Corporation																
Humana Inc.	\$64,387,000	14.2%	\$69,822,000	\$19,006,000	17.8%	\$1,083	6.4%	\$51.36	6.2%	5,712	10.5%	6,540	1.1%	12,251	5.3%	
Triple-S Mgmt.	\$3,001,846	10.8%	\$3,101,008	\$792,700	-0.6%	\$320	-2.0%	\$10.40	2.3%	823	1.4%	109	-7.7%	932	0.3%	
Corporation																
UnitedHealth	\$240,269,000	34.9%	\$251,085,000	\$64,764,000	7.9%	\$569	10.2%	\$92.83	18.2%	29,790	-2.1%	18,400	-3.6%	48,475	-2.1%	
Group																
Average or	\$446,839,846	16.9%		\$122,928,700	9.0%	\$589	3.4%	\$43.30	1.1%	56,428	4.2%	56,642	-1.9%	113,356	1.5%	
Total Commercial								(b)								
Centene	\$74,639,000	24.2%	\$91,576,000	\$27,712,000	51.0%	\$527	6.4%	NA	NM	16,916	42.7%	2,865	0.3%	19,781	34.5%	
Corporation																
Molina	\$16,697,000	-11.0%	\$17,568,000	\$4,600,000	10.6%	\$431	4.8%	NA	NM	3,555	5.5%	NA	NA	3,555	5.5%	
Healthcare, Inc.																
Average or	\$91,336,000	6.6%		\$32,312,000	30.8%	\$479	5.6%	NA	NM	20,471	24.1%	2,865	0.3%	23,336	20.0%	
Total Medicaid								(b)								
Average or Total	\$538,175,846	13.9%		\$155,240,700	15.2%	\$558	4.1%	\$43.30	1.1%	76,899	9.9%	59,507	-1.5%	136,691	6.8%	
All								(b)								

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#### P • U • L • S • E Financial Statistics (000, Except Ratios)

Earn	ings	Trends

		Net Income							Op. Mai	rgin	Earnings per Share			
	Prev.	Latest	Pct.	Last 12	Comp.	Interim	Pct.	Last 12	Comp.	Int.	Prev.	Latest	Last	Est.
	Year	Year	Chg.	Months	Quarter	Quarter	Chg.	Months	Qtr.	Qtr.	Year	Year	12 Mo.	2020
Anthem, Inc.	\$3,764,799	\$4,808,606	27.7%	\$5,917,449	\$1,362,000	\$3,267,000	139.9%	\$7,838,000	5.4%	11.2%	\$14.25	\$18.47	\$23.03	\$22.70
	(c)(h)	(c)(h)		(c)(h)	(h)	(c)(h)		(c)(h)			(c)(h)	(c)(h)	(c)(h)	
CIGNA	\$3,109,000	\$5,930,000	90.7%	\$5,641,000	\$882,250	\$1,468,000	66.4%	\$4,014,500	10.0%	16.0%	\$12.43	\$15.77	\$15.06	\$18.51
Corporation	(c)	(c)		(c)	(c)	(c)		(c)			(c)	(c)	(c)	
Humana Inc.	\$2,272,497	\$3,029,000	33.3%	\$2,082,497	\$1,085,000	\$2,358,000	117.3%	\$2,486,000	6.7%	12.4%	\$16.42	\$22.72	\$14.44	\$19.51
	(c)	(c)		(c)	(c)	(c)		(c)			(c)	(c)	(c)	
Triple-S Mgmt.	-\$63,306	\$92,910	-246.8%	\$44,713	\$23,800	24,600	3.4%	\$32,131	3.0%	3.1%	(\$2.83)	\$3.98	\$1.90	\$2.80
Corporation	(c)	(c)		(c)	(c)						(c)	(c)	(c)	
UnitedHealth	\$11,727,395	\$13,989,000	19.3%	\$16,769,500	\$3,959,500	\$4,300,000	8.6%	\$22,530,500	6.6%	6.6%	\$11.94	\$14.54	\$17.45	\$16.57
Group	(c)	(c)		(c)	(c)	(c)		(c)			(c)	(c)	(c)	
Average or			42.8%			\$11,417,600	67.1%		6.3%	9.9%				
Total Commercial														
Centene	\$1,188,079	\$1,309,000	10.2%	\$1,982,079	\$666,000	\$2,018,000	203.0%	\$2,731,000	3.6%	7.3%	\$5.96	\$3.11	\$3.11	\$4.88
Corporation	(c)	(c)		(c)	(c)	(c)		(c)			(c)	(c)	(c)	
Molina	\$750,170	\$741,549	-1.1%	\$802,648	\$233,000	\$408,000	75.1%	\$1,082,000	5.6%	8.9%	\$11.26	\$11.59	\$13.08	\$11.85
Healthcare, Inc.		(c)		(c)	(c)	(c)		(c)				(c)	(c)	
Average or			4.5%			\$2,426,000	139.1%		4.6%	8.1%				
Total Medicaid														
Average or Total			30.0%			\$13,843,600	87.7%		5.8%	9.4%				
All														

#### Notes:

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# P • U • L • S • E Operating Statistics (000, Except Ratios)

	Opei	rating Ratio	S													
			Admin							Net	Tang.	Med Exp				
	Health Benefit Ratio		to	Long	Debt to		ROE,		Tangible	Worth	Book	Mos. of			Days of	
	Int.	Int. Pct.		Term	Capital	Net	Last	Intangi-	Book	Per	Per	Tang.	Working	Clain	ns Payable	<del>)</del>
	Qtr.	Chg.	Int. Qtr	Debt(d)	Ratio	Worth	12 Mo.	bles	Value	Share	Share	B.V.	Capital	Comp.	Int.	Chg.
Anthem, Inc.	74.7%	-8.2%	13.5%	19,873,000	20.0%	\$34,455,000	17.2%	\$31,218,000	\$3,237,000	\$134.91	\$12.67	0.52	\$31,447,100	41.0	48.1	7.1
	(h)		(h)													
CIGNA	70.5%	-10.8%	10.9%	\$31,774,000	31.7%	\$47,405,000	11.9%	\$80,381,000	(\$32,976,000)	\$127.88	(\$88.96)	NM	(\$2,025,000)	43.7	48.4	4.7
Corporation	(h)		(h)													
Humana Inc.	76.4%	-7.5%	7.7%	\$6,058,000	9.3%	\$14,416,000	14.4%	\$4,443,000	\$9,973,000	\$108.37	\$74.97	2.11	\$11,413,000	40.3	51.4	11.1
	(h)		(h)													
Triple-S Mgmt.	79.4%	-5.1%	17.4%	\$54,940	10.6%	\$979,535	4.6%	\$28,614	\$950,921	\$42.09	\$40.86	4.55	\$472,023	117.7	73.0	(44.8)
Corporation	(h)		(h)													
UnitedHealth	81.9%	-1.7%	11.3%	\$39,895,000	11.1%	\$69,951,000	24.0%	\$75,501,000	(\$5,550,000)	\$72.71	(\$5.77)	(0.40)	\$66,889,000	48.6	46.4	(2.2)
Group	(h)		(h)													
Average or	76.6%	-6.6%	12.2%		16.6%		14.4%					1.69		58.3	53.4	(4.8)
Total Commercial																
Centene	76.0%	-5.5%	17.0%	\$16,708,000	29.7%	\$25,205,000	7.9%	\$26,136,000	(\$931,000)	\$42.90	(\$1.58)	(0.14)	\$15,135,000	47.3	51.3	4.0
Corporation	(h)		(h)													
Molina	78.2%	-5.1%	12.9%	\$1,812,000	12.6%	\$1,996,000	40.2%	\$164,000	\$1,832,000	\$33.60	\$30.84	1.53	\$3,307,000	46.5	49.7	3.2
Healthcare, Inc.	(h)		(h)													
Average or	77.1%	-5.3%	15.0%		21.1%		24.0%					0.69		46.9	50.5	3.6
Total Medicaid																
Average or Total	76.7%	-6.3%	13.0%	•	17.9%	•	17.2%	•		•		1.36		55.0	52.6	(2.4)
All																

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