



# Stock Selection Guide <sup>®</sup>

The most widely used aid to good investment judgment

Company	EDUCATION MANAGEMENT CORP		Date	04/06/05	
Prepared by	jah		Data taken from	NAIC Data	
Where traded	NASDAQ		Major product/service	Diversified	
CAPITALIZATION --- Outstanding Amounts			Reference		
Preferred (\$M)	0.0	% Insiders	%		
Common (M Shares)	74.0	% Institution	%		
Debt (\$M)	5.6	% to Tot.Cap.	1.0	% Potential Dil.	None

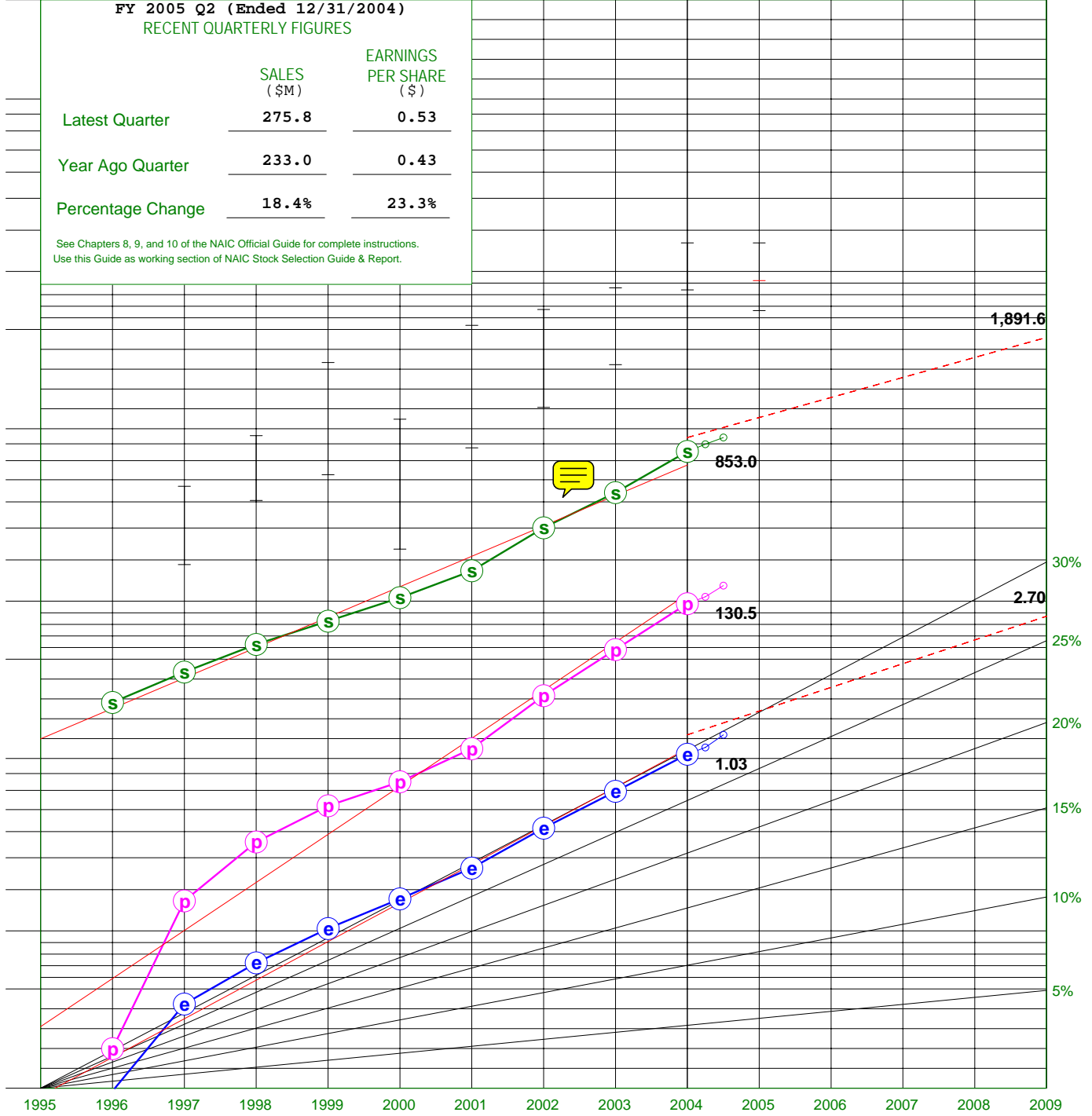
## 1 VISUAL ANALYSIS of Sales, Earnings and Price

EDMC

FY 2005 Q2 (Ended 12/31/2004)  
RECENT QUARTERLY FIGURES

	SALES (\$M)	EARNINGS PER SHARE (\$)
Latest Quarter	275.8	0.53
Year Ago Quarter	233.0	0.43
Percentage Change	18.4%	23.3%

See Chapters 8, 9, and 10 of the NAIC Official Guide for complete instructions.  
Use this Guide as working section of NAIC Stock Selection Guide & Report.



(1) Historical Sales Growth	23.7 %	(3) Historical Earnings Per Share Growth	30.9 %
(2) Estimated Future Sales Growth	15.0 %	(4) Estimated Future Earnings Per Share Growth	18.0 %

## 2 EVALUATING MANAGEMENT

Company **EDUCATION MANAGEMENT CORP**

(EDMC)

04/06/05

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	LAST 5 YEAR AVG.	TREND	
												UP	DOWN
<b>A</b> % Pre-tax Profit on Sales (Net Before Taxes ÷ Sales)		3.9	9.0	11.1	12.2	12.2	12.8	13.7	14.8	15.3	13.8	UP	
<b>B</b> % Earned on Equity (E/S ÷ Book Value)		NMF	17.9	18.9	18.6	19.2	17.6	12.5	13.4	14.3	15.4		DOWN

## 3 PRICE-EARNINGS HISTORY as an indicator of the future

This shows how stock prices have fluctuated with earnings and dividends. It is a building block for translating earnings into future stock prices.

		PRESENT PRICE		28.150	HIGH THIS YEAR		36.620	LOW THIS YEAR		22.810
Year		PRICE		C Earnings Per Share	D Price Earnings Ratio		F Dividend Per Share	G % Payout F ÷ C X 100	H % High Yield F ÷ B X 100	
		HIGH	LOW		HIGH A ÷ C	LOW B ÷ C				
1	2000	10.7	4.3	0.38	28.5	11.5	0.000	0.0	0.0	
2	2001	20.6	8.8	0.47	<del>44.3</del>	<del>18.8</del>	0.000	0.0	0.0	
3	2002	23.0	11.6	0.62	<del>37.4</del>	<del>18.9</del>	0.000	0.0	0.0	
4	2003	26.7	15.6	0.80	33.6	19.7	0.000	0.0	0.0	
5	2004	36.6	26.4	1.03	35.6	25.6	0.000	0.0	0.0	
6	TOTAL		66.7		97.7	56.8		0.0		
7	AVERAGE		13.3		32.6	18.9		0.0		
8	AVERAGE PRICE EARNINGS RATIO			25.7	9	CURRENT PRICE EARNINGS RATIO			23.9	

## 4 Proj. P/E [20.22] Based on Next 4 qtr. EPS [1.39] Current P/E Based on Last 4 qtr. EPS [1.18] EVALUATING RISK and REWARD over the next 5 years

Assuming one recession and one business boom every 5 years, calculations are made of how high and how low the stock might sell. The upside-downside ratio is the key to evaluating risk and reward.

### A HIGH PRICE -- NEXT 5 YEARS

Avg. High P/E 32.6 (3D7 as adj.) X Estimate High Earnings/Share 2.70 = Forecast High Price \$ 88.0 (4A1)

### B LOW PRICE -- NEXT 5 YEARS

(a) Avg. Low P/E 18.9 (3E7 as adj.) X Estimated Low Earnings/Share 1.03 1.18 = \$ 22.3

(b) Avg. Low Price of Last 5 Years = 13.3 (3B7)

(c) Recent Severe Market Low Price = 15.6

(d) Price Dividend Will Support Present Divd. 0.000 = 0.000 = 0.0  
High Yield (H)

Selected Estimate Low Price \_\_\_\_\_ = \$ 22.3 (4B1)

### C ZONING

88.0 (4A1) High Forecast Price Minus 22.3 (4B1) Low Forecast Price Equals 65.7 (C) Range. 1/3 of Range = 16.4 (4CD)

(4C2) Lower 1/3 = 22.3 (4B1) to 38.7 (Buy) Note: Ranges changed to 25%/50%/25%

(4C3) Middle 1/3 = 38.7 to 71.6 (Maybe)

(4C4) Upper 1/3 = 71.6 to 88.0 (4A1) (Sell)

Present Market Price of 28.150 is in the Buy (4C5) Range

### D UP-SIDE DOWN-SIDE RATIO (Potential Gain vs. Risk of Loss)

High Price (4A1) 88.0 Minus Present Price 28.150 = 59.9 = 10.2 To 1  
Present Price 28.150 Minus Low Price (4B1) 22.3 = 5.9 (4D)

### E PRICE TARGET (Note: This shows the potential market price appreciation over the next five years in simple interest terms.)

High Price (4A1) 88.0  
Present Market Price 28.150 = ( 3.126 ) X 100 = ( 312.6 ) - 100 = 212.6 (4E) % Appreciation

Relative Value: 93.0% Proj. Relative Value: 78.7%

## 5 5-YEAR POTENTIAL

This combines price appreciation with dividend yield to get an estimate of total return. It provides a standard for comparing income and growth stocks.

**A Present Full Year's Dividend \$** 0.000  
Present Price of Stock \$ 28.150 = 0.000 X 100 = 0.0 (5A) Present Yield or % Returned on Purchase Price

**B AVERAGE YIELD OVER NEXT 5 YEARS**  
Avg. Earnings Per Share Next 5 Years 1.94 X Avg. % Payout (3G7) 0.0 = 0.0 = 0.0 %  
Present Price \$ 28.150 (5B)

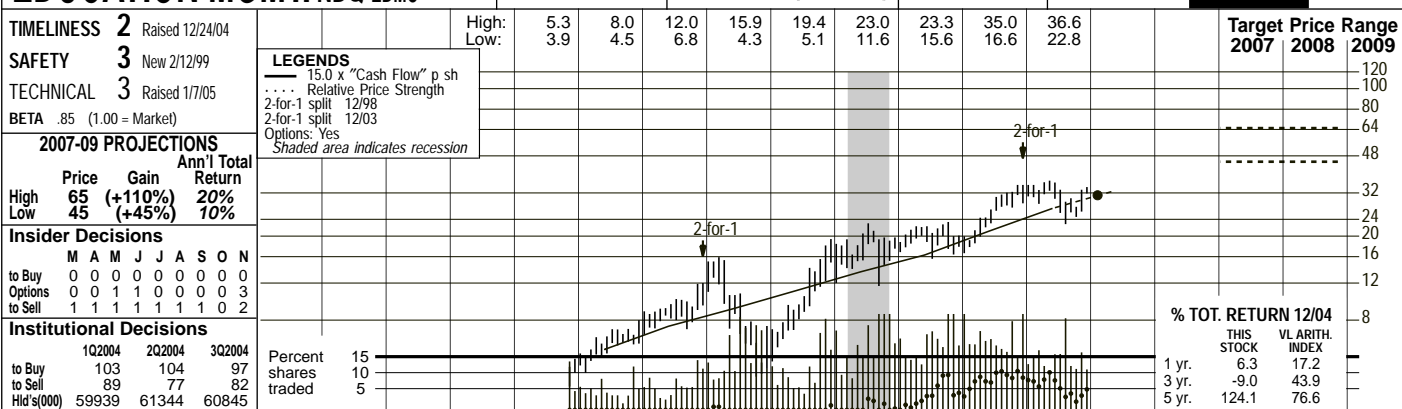
### C ESTIMATED AVERAGE ANNUAL RETURN OVER NEXT FIVE YEARS

		P.A.R.	Tot. Ret.
5 Year Appreciation Potential (4E)	<u>212.6</u>		
Average Yield (5B)	<u>0.0</u>	<u>0.0%</u>	<u>0.0%</u>
Average Total Annual Return Over the Next 5 Years (5C)	<u>42.5</u>	<u>19.8%</u>	<u>25.6%</u>
	<u>42.5</u>	<u>19.8%</u>	<u>25.6%</u>

# EDUCATION MGMT. NDQ-EDMC

RECENT PRICE **31.25** P/E RATIO **24.0** (Trailing: 28.9 Median: NMF) RELATIVE P/E RATIO **1.28** DIV'D YLD **Nil**

**VALUE LINE**



Education Management Corp. was incorporated in Pennsylvania in 1962. In 1971, Robert B. Knutson became President. At that time, EDMC consisted primarily of the Art Institute of Pittsburgh, which was acquired in 1970. In November, 1996, the company and certain shareholders issued 9,060,000 shares of common stock at \$3.75 per share (adjusted for splits). CS First Boston and Smith Barney served as the lead underwriters.

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	© VALUE LINE PUB., INC.	07-09
Revenues per sh <sup>A</sup>	--	--	--	3.18	3.86	4.43	5.30	6.08	7.11	8.89	11.63	13.60	21.15	
"Cash Flow" per sh	--	--	--	.39	.50	.60	.74	.90	1.09	1.41	1.80	2.20	3.45	
Earnings per sh <sup>A B</sup>	--	--	--	.18	.24	.31	.38	.47	.62	.77	1.03	1.30	2.20	
Div'ds Decl'd per sh	--	--	--	--	--	--	--	--	--	--	--	Nil	Nil	
Cap'l Spending per sh	--	--	--	.31	.31	.85	.85	.78	.65	1.12	1.10	1.30	1.45	
Book Value per sh <sup>C</sup>	--	--	--	1.00	1.28	1.64	1.95	2.62	4.93	5.94	7.21	8.65	14.00	
Common Shs Outst'g <sup>D</sup>	--	--	--	57.51	57.51	58.92	57.94	60.96	70.36	71.98	73.34	74.50	78.00	
Avg Ann'l P/E Ratio	--	--	--	29.7	30.9	35.0	18.4	32.3	30.8	26.6	30.8	--	25.0	
Relative P/E Ratio	--	--	--	1.71	1.61	2.00	1.20	1.66	1.68	1.52	1.61	--	1.65	
Avg Ann'l Div'd Yield	--	--	--	--	--	--	--	--	--	--	--	--	Nil	

**CAPITAL STRUCTURE as of 9/30/04**

Total Debt \$5.6 mill. Due in 5 Yrs \$5.6 mill.  
LT Debt \$5.4 mill. LT Interest \$.4 mill.  
(less than 1% of Cap'l)

Leases, Uncapitalized Annual rentals \$78.3 mill.  
No Defined Benefit Pension Plan  
Pfd Stock None

Common Stock 73,511,469 shs.  
MARKET CAP: \$2.3 billion (Mid Cap)

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005		
Revenues (\$mill) <sup>A</sup>	--	--	--	182.9	221.7	260.8	307.3	370.7	500.6	640.0	853.0	1015	1650	
Operating Margin	--	--	--	17.0%	17.6%	18.6%	19.1%	20.4%	20.6%	21.5%	22.1%	23.0%	23.5%	
Depreciation (\$mill)	--	--	--	12.3	14.3	16.8	20.2	26.1	34.1	44.9	55.3	67.0	95.0	
Net Profit (\$mill)	--	--	--	10.0	14.3	18.8	22.5	29.0	42.3	56.3	77.0	98.0	175	
Income Tax Rate	--	--	--	42.0%	42.0%	41.1%	40.1%	38.9%	37.2%	38.5%	41.0%	41.0%	41.0%	
Net Profit Margin	--	--	--	5.5%	6.5%	7.2%	7.3%	7.8%	8.5%	8.8%	9.0%	9.7%	10.6%	
Working Cap'l (\$mill)	--	--	--	12.7	27.5	10.5	3.8	11.5	.3	20.8	d76.4	10.0	225	
Long-Term Debt (\$mill)	--	--	--	30.4	35.8	36.5	64.3	53.6	3.5	3.4	3.4	5.0	10.0	
Shr. Equity (\$mill)	--	--	--	57.8	73.3	96.8	113.0	159.9	346.6	427.8	528.7	645	1090	
Return on Total Cap'l	--	--	--	12.2%	13.1%	14.1%	13.0%	14.1%	12.3%	13.1%	14.5%	15.0%	15.5%	
Return on Shr. Equity	--	--	--	17.3%	19.5%	19.4%	19.9%	18.1%	12.2%	13.2%	14.6%	15.0%	16.0%	
Retained to Com Eq	--	--	--	17.2%	19.5%	19.4%	19.9%	18.1%	12.2%	13.2%	14.6%	15.0%	16.0%	
All Div'ds to Net Prof	--	--	--	1%	--	--	--	--	--	--	--	Nil	Nil	

**CURRENT POSITION** 2003 2004 9/30/04 (\$MILL.)

Cash Assets	80.5	123.1	98.6
Receivables	33.8	45.5	63.0
Inventory (FIFO)	4.4	5.0	7.9
Other	32.3	31.5	27.8
Current Assets	151.0	205.1	197.3
Accts Payable	16.3	30.1	39.0
Debt Due	35.1	136.2	.2
Other	78.8	115.2	227.4
Current Liab.	130.2	281.6	266.6

**BUSINESS:** Education Management Corporation provides post-secondary education to about 59,000 students at 67 campuses in 24 states and two Canadian provinces. It offers academic programs through four educational institutions: The Art Institutes (31 schools), Argosy University (13 campuses), South University, and American Education Centers. Has about 5,500 employees; 840 shareholders.

Robert B. Knutson owns 2.3% of comm.; all other off./dir., 5.0%; EDMC Empl. Stock Ownership Trust, 7.8%; T. Rowe Price Assoc., 7.4%; Cap'l Res. & Mngmt., 5.6%. (10/04 Proxy). Chairman: Robert B. Knutson. CEO: John McKernan, Jr. President: J. William Brooks, Jr. Inc.: PA. Addr.: 210 Sixth Ave., 33rd Floor, Pittsburgh, PA. 15222. Telephone: 412-562-0900. Internet: www.edumgt.com.

**ANNUAL RATES** Past 10 Yrs. Past 5 Yrs. Est'd '02-'04 to '07-'09

Revenues	--	19.0%	15.0%
"Cash Flow"	--	23.5%	15.5%
Earnings	--	27.0%	18.5%
Dividends	--	--	Nil
Book Value	--	35.5%	15.0%

**We have raised our fiscal 2005 (ends June 30th) earnings estimate for Education Management by a nickel, to \$1.30 share.** The upward revision is the product of a strong first quarter that saw share earnings beat our estimate by \$0.03, and nearly doubling the tally from the year-ago period. Several factors contributed to the surprise, most notably a 26% surge at the top line. The company also benefited from a reduction in operating costs (discussed below). The most encouraging sign, though, was a 32% year-over-year increase in the student body. This, combined with the recent tuition rate hikes, augurs well for the top line.

**The new shared-campus strategy has been a big success.** The company currently operates more than one school at 12 of its 67 campuses, with the number expected to reach 18 by the end of fiscal 2005. Education Management recently opened new Brown Mackie Colleges (formerly known as American Education Centers) in Miami, Los Angeles, Orange County, and San Diego. This strategy has had a positive effect on EDMC's margins and cash flow generation. The opening of a new school on an existing location lowers the company's start-up costs. The new strategy saves EDMC approximately \$3 million in initial expenses. Too, an institution opened on an existing campus begins to return a profit four to five months earlier than a university built on a new property. Furthermore, with multiple schools at one address, Education Management can offer more degrees and services to its student body.

**QUARTERLY REVENUES A (\$ mill.)**

Fiscal Year Ends	Sep.	Dec.	Mar.	Jun.	Full Fiscal Year
2001	72.6	103.1	100.4	94.6	370.7
2002	91.9	129.5	145.7	133.5	500.6
2003	128.1	175.1	173.7	163.1	640.0
2004	169.0	233.0	235.2	215.8	853.0
2005	213.6	275	280	246.4	1015

**Education Management's online classes have been well received.** In fact, the number of students taking classes via the Internet at the Art Institute or South University more than doubled in the first quarter, to 2,508. Too, approximately 6,400 students are taking part of their course schedule online. The fact that more students are pursuing their degrees online should almost single-handedly lower EDMC's costs and elevate its return on invested capital.

**This issue is favorably ranked for relative year-ahead performance.** Price appreciation potential to 2007-2009 is also above the Value Line median.  
William G. Ferguson February 4, 2005

(A) Fiscal year ends June 30th.	(C) Includes intangibles. At 9/04: \$332.0 million, \$4.52/share.	(D) In millions, adjusted for stock splits.	Company's Financial Strength	B+
(B) Diluted earnings. Next earnings report due February 10th.			Stock's Price Stability	45
			Price Growth Persistence	100
			Earnings Predictability	100

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