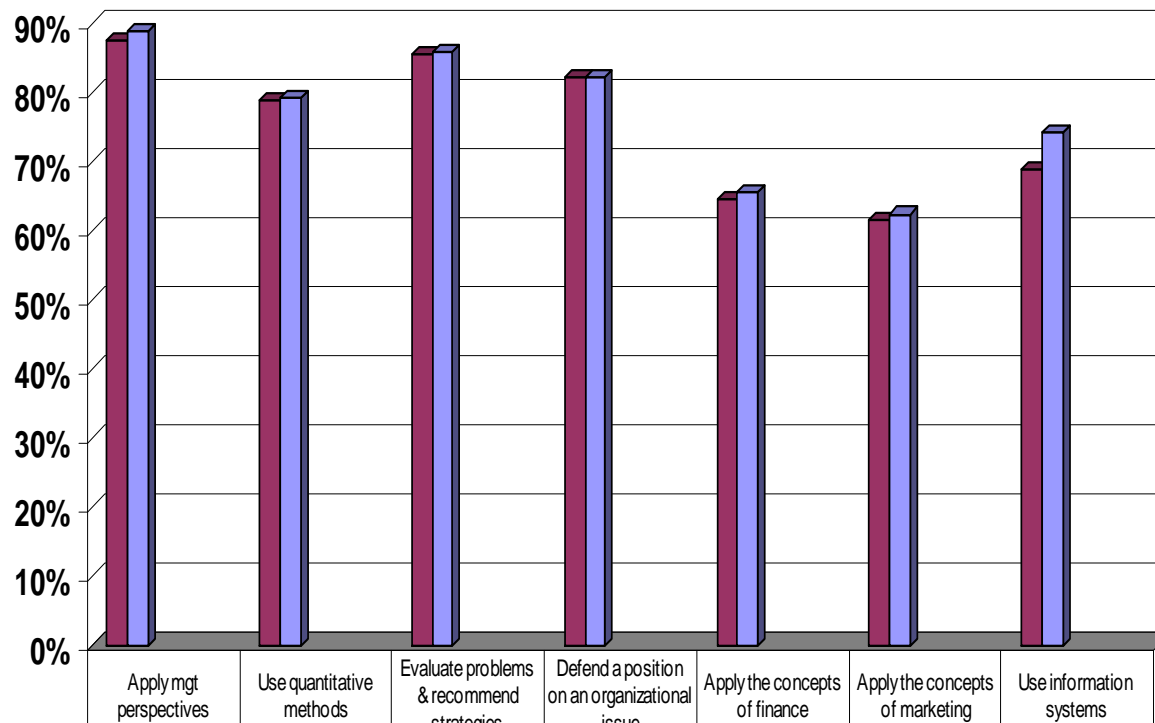


**Comparison of Responses to the MSA Quality of Learning:  
2004 Alumni (n=1,039) Survey and 2006 Alumni Survey (n=829)  
(Responses of Substantial Improvement and Moderate Improvement)**



2004 Alumni Survey	87.5%	78.9%	85.4%	82.1%	64.4%	61.3%	68.8%
2006 Alumni Survey	88.9%	79.2%	85.9%	82.1%	65.6%	62.3%	74.1%
2006 Mean	3.31	3.11	3.3	3.24	2.79	2.72	3
2006 Standard Deviation	0.728	0.814	0.782	0.85	0.943	0.972	0.923
2004 Mean	3.28	3.07	3.24	3.21	2.78	2.69	2.91
2004 Standard Deviation	0.72	0.8	0.77	0.83	0.91	0.96	0.96

#### **Question 4: Quality of Learning**

Subjects were presented with seven questions that directly reflect the MSA program learning outcomes. These questions posed a choice of “levels of improvement” in the alumnus’ learning in each objective. (Each concentration has its own learning objectives. Likewise, they were developed as questions, and included in the question #4 matrix. See the Appendix for analysis of concentration objectives.)

Between 62.3% and 88.9% of alumni stated they had experienced “substantial improvement” or “moderate improvement” in their understanding of these objectives during their MSA program. On a scale 1 (no improvement) – 4 (substantial improvement), no mean score fell below 2.72 (between “small” and “moderate” improvement), and standard deviations were not large.

<b>To what extent did your program help improve your ability to:</b>	<b>Stated “Substantial” or “Moderate” Improvement</b>		<b>Descriptive Statistics</b>	
	<b>Count</b>	<b>Valid %</b>	<b>Mean</b>	<b>Std Dev</b>
Apply management perspectives in your workplace	724	88.9%	<b>3.31</b>	0.728
Use quantitative methods and approaches to solve workplace problems	648	79.2%	<b>3.11</b>	0.814
Evaluate workplace problems and recommend strategies or tools to address them	699	85.9%	<b>3.30</b>	0.782
Take a position on an organizational issue, and defend it both orally and in writing	667	82.1%	<b>3.24</b>	0.850
Apply the concepts of finance, as practiced in your employer’s organization.	526	65.6%	<b>2.79</b>	0.943
Apply the concepts of marketing, as they relate to your employer’s organization.	489	62.3%	<b>2.72</b>	0.972
Use information systems to support decision-making	598	74.1%	<b>3.00</b>	0.923

Statistically significant differences between alumni responses in various concentrations were negligible, reflecting the relatively low standard deviations.

To what extent did your program help improve your ability to:  (Stated "substantial" or "moderate" improvement)	General Admin (n = 249)		HR Admin (n = 203)		Health Svcs Admin (n = 151)		Info Resource Admin (n = 61)		Leadership (n=76)	
	Freq	%	Freq	%	Freq	%	Freq	%	Freq	%
	Apply management perspectives in your workplace	224	<b>90.0</b>	178	<b>87.7</b>	136	<b>90.1</b>	54	<b>88.5</b>	66
Use quantitative methods and approaches to solve workplace problems	194	<b>77.9</b>	159	<b>78.3</b>	125	<b>82.8</b>	47	<b>77.0</b>	61	<b>80.3</b>
Evaluate workplace problems; recommend strategies/tools to address them	213	<b>85.5</b>	176	<b>86.7</b>	131	<b>86.8</b>	52	<b>85.2</b>	63	<b>82.9</b>
Take a position on an organizational issue, and defend it both orally and in writing	202	<b>81.1</b>	166	<b>81.8</b>	127	<b>84.1</b>	44	<b>72.1</b>	60	<b>78.9</b>
Apply the concepts of finance, as practiced in your employer's organization.	157	<b>63.1</b>	131	<b>64.5</b>	110	<b>72.8</b>	37	<b>60.7</b>	46	<b>60.5</b>
Apply the concepts of marketing, as they relate to your employer's organization.	150	<b>60.2</b>	122	<b>60.1</b>	102	<b>67.5</b>	34	<b>55.7</b>	41	<b>53.9</b>
Use information systems to support decision-making	184	<b>73.9</b>	145	<b>71.4</b>	116	<b>76.8</b>	49	<b>80.3</b>	49	<b>64.5</b>