Internal Analysis Report

University of the Incarnate Word

7/1/2020 - 5/28/2021

Total Tests = 200
Inbound = 85
Outbound = 115

Academic Level: Masters
Aggregate: Located Inside the US
Courses
Inbound: PMBA6313 Beginning of MBA Program (Inbound Exam)
Outbound: PMBA6317 End of Program (Outbound Exam)

Table of Contents

Comparison of Inbound Exam Results with Outbound Exam Results

Legend: Inbound, Outbound

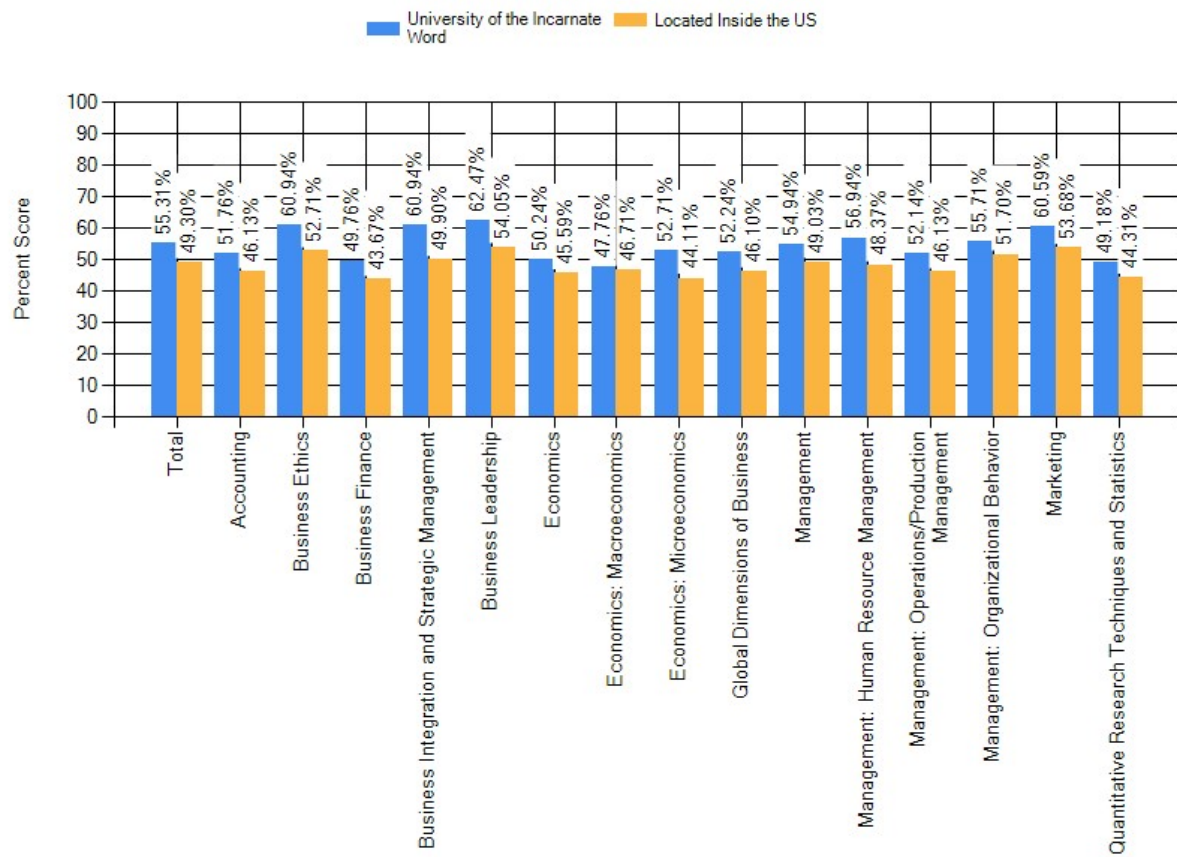| Category	Inbound	Outbound
Total	55.31%	61.84%
Accounting	51.76%	56.70%
Business Ethics	60.94%	67.74%
Business Finance	49.76%	60.17%
Business Integration and Strategic Management	60.94%	64.78%
Business Leadership	62.47%	65.91%
Economics	50.24%	58.17%
Economics: Macroeconomics	47.76%	60.52%
Economics: Microeconomics	52.71%	55.83%
Global Dimensions of Business	52.24%	57.91%
Management	54.94%	61.57%
Management: Human Resource Management	56.94%	60.05%
Management: Operations/Production Management	52.14%	60.37%
Management: Organizational Behavior	55.71%	64.19%
Marketing	60.59%	69.57%
Quantitative Research Techniques and Statistics	49.18%	55.91%

Total Score Comparison

11.81% Percentage change from Inbound to Outbound

Sample Size: Inbound = 85, Outbound = 115

Mean Completion Time (mins): Inbound = 91.6, Outbound = 103.7

Inbound Exam

Legend: University of the Incarnate Word (blue) · Located Inside the US (orange)

Percent Score

Category	University of the Incarnate Word	Located Inside the US
Total	55.31%	49.30%
Accounting	51.76%	46.13%
Business Ethics	60.94%	52.71%
Business Finance	49.76%	43.67%
Business Integration and Strategic Management	60.94%	49.90%
Business Leadership	62.47%	54.05%
Economics	50.24%	45.59%
Economics: Macroeconomics	47.76%	46.71%
Economics: Microeconomics	52.71%	44.11%
Global Dimensions of Business	52.24%	46.10%
Management	54.94%	49.03%
Management: Human Resource Management	56.94%	48.37%
Management: Operations/Production Management	52.14%	46.13%
Management: Organizational Behavior	55.71%	51.70%
Marketing	60.59%	53.68%
Quantitative Research Techniques and Statistics	49.18%	44.31%

Inbound Exam Summary

Inbound	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Accounting	850	51.76%	263359	46.13%	82	41.67%	44.34%	47.33%	52.65%
Business Ethics	850	60.94%	269571	52.71%	91	48.67%	51.67%	54.33%	58.33%
Business Finance	850	49.76%	275303	43.67%	87	39.67%	42.32%	44.94%	49.33%
Business Integration and Strategic Management	850	60.94%	286329	49.90%	95	45.83%	48.53%	51.12%	55.67%
Business Leadership	850	62.47%	228986	54.05%	93	50.42%	53.00%	55.67%	58.99%
Economics	850	50.24%	222968	45.59%	80	40.91%	44.06%	47.15%	52.33%
Economics: Macroeconomics	425	47.76%	112223	46.71%	60	41.67%	45.33%	48.67%	53.90%
Economics: Microeconomics	425	52.71%	110739	44.11%	89	39.30%	42.67%	46.00%	51.09%
Global Dimensions of Business	850	52.24%	247421	46.10%	86	42.16%	45.15%	48.00%	51.67%
Management	850	54.94%	263267	49.03%	86	45.39%	47.97%	50.67%	54.61%
Management: Human Resource Management	281	56.94%	96094	48.37%	89	43.75%	47.67%	50.81%	55.13%
Management: Operations/Production Management	280	52.14%	78875	46.13%	80	40.93%	45.00%	48.43%	53.47%
Management: Organizational Behavior	289	55.71%	88755	51.70%	75	47.11%	50.60%	54.17%	58.14%
Marketing	850	60.59%	300127	53.68%	87	49.37%	53.00%	55.66%	59.67%
Quantitative Research Techniques and Statistics	850	49.18%	196003	44.31%	83	40.40%	43.33%	45.33%	49.38%
Summary	**8500**	**55.31%**	**2553334**	**49.30%**	**87**	**45.77%**	**47.90%**	**50.26%**	**54.09%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.
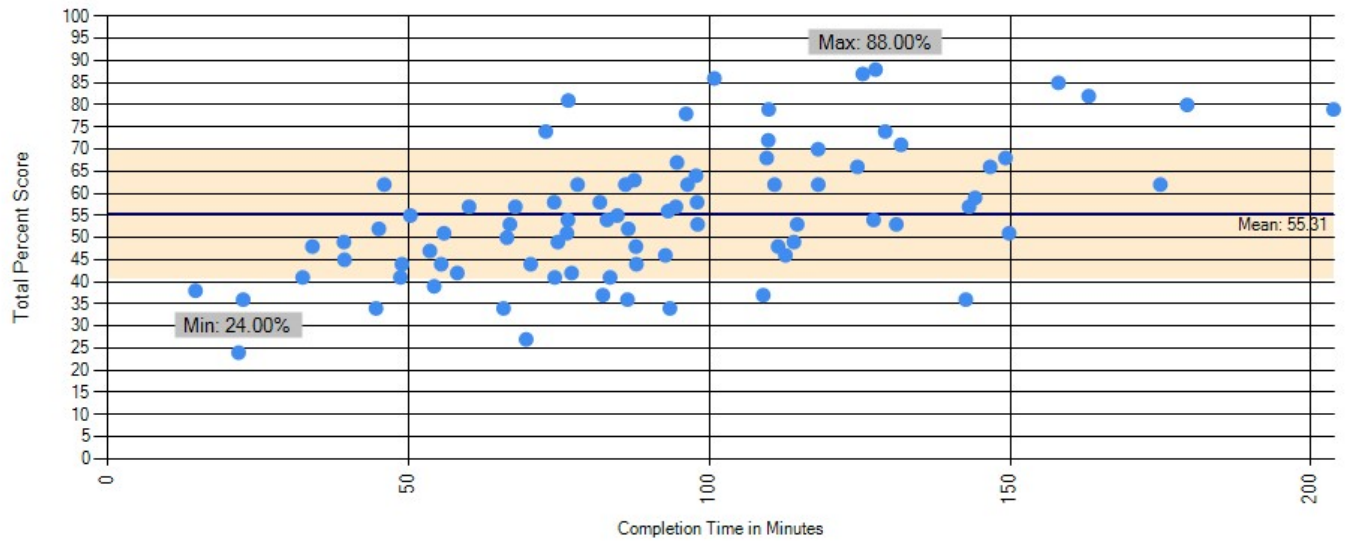
Outbound Exam
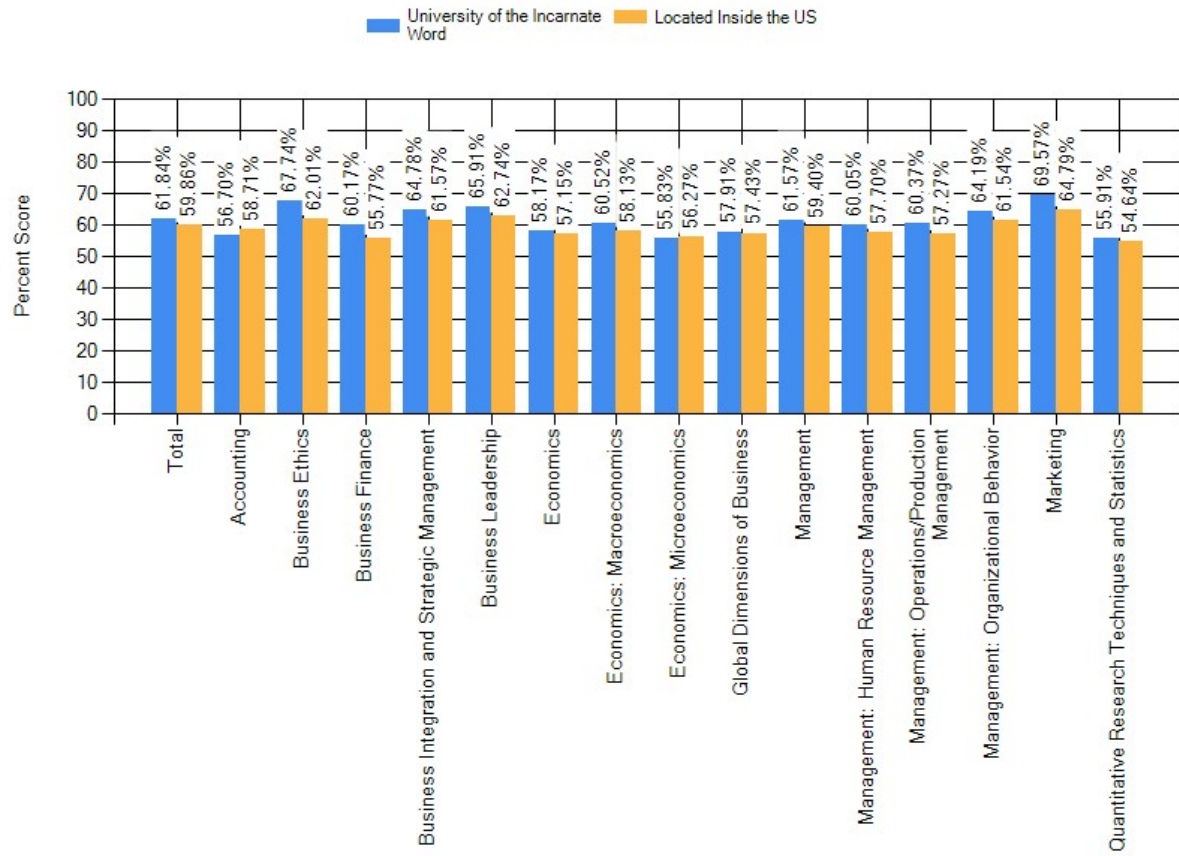
Outbound Exam Summary

Outbound	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Accounting	1150	56.70%	520127	58.71%	44	51.67%	56.98%	62.68%	69.33%
Business Ethics	1150	67.74%	509076	62.01%	76	56.79%	61.07%	65.13%	70.33%
Business Finance	1150	60.17%	494846	55.77%	67	49.00%	54.00%	59.67%	65.67%
Business Integration and Strategic Management	1150	64.78%	563028	61.57%	64	55.33%	60.33%	65.00%	71.13%
Business Leadership	1150	65.91%	391769	62.74%	67	57.37%	61.28%	65.37%	70.56%
Economics	1150	58.17%	462214	57.15%	53	50.00%	55.77%	61.22%	67.64%
Economics: Macroeconomics	575	60.52%	225170	58.13%	58	50.80%	56.72%	62.02%	68.67%
Economics: Microeconomics	575	55.83%	237059	56.27%	47	48.84%	54.74%	60.45%	66.92%
Global Dimensions of Business	1150	57.91%	412023	57.43%	51	50.78%	56.00%	61.11%	67.00%
Management	1150	61.57%	558555	59.40%	59	54.20%	58.33%	62.67%	67.93%
Management: Human Resource Management	378	60.05%	157158	57.70%	61	51.58%	56.44%	61.00%	66.99%
Management: Operations/Production Management	381	60.37%	161016	57.27%	61	50.00%	55.88%	61.39%	67.68%
Management: Organizational Behavior	391	64.19%	240070	61.54%	62	56.25%	60.33%	64.71%	70.18%
Marketing	1150	69.57%	529084	64.79%	71	59.00%	63.52%	67.95%	74.09%
Quantitative Research Techniques and Statistics	1150	55.91%	385617	54.64%	55	48.00%	53.44%	58.30%	64.52%
Summary	**11500**	**61.84%**	**4826339**	**59.86%**	**59**	**54.29%**	**58.65%**	**62.99%**	**68.24%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

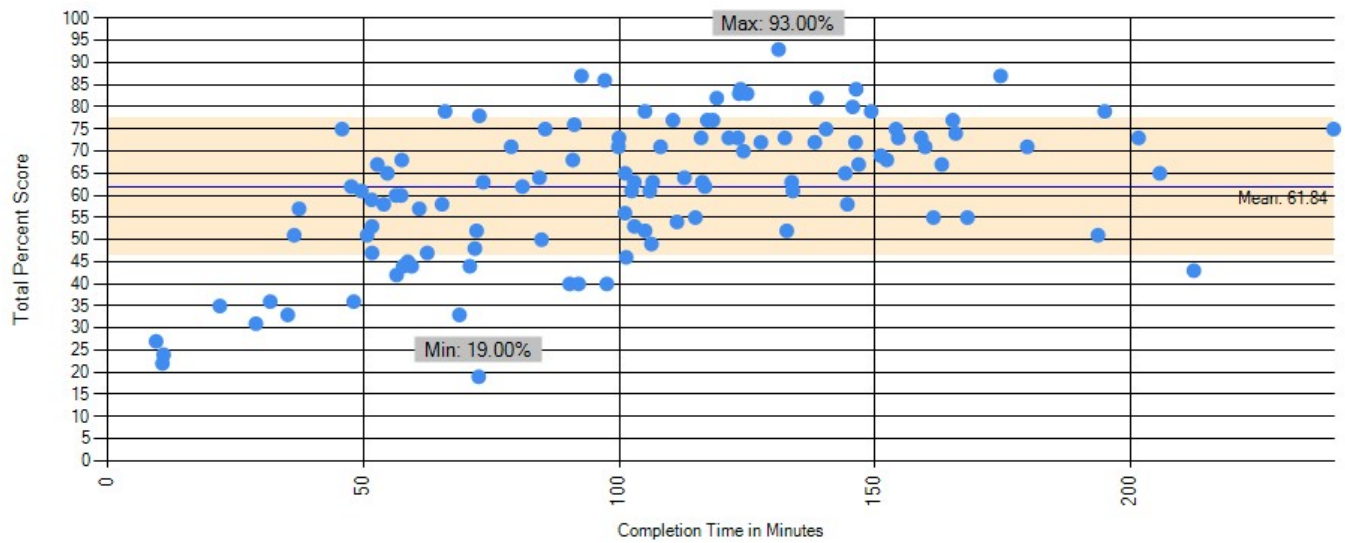# Inbound Exam Total Result

Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 91.63

Mean Score: 55.31%, Max Score: 88.00%, Min Score: 24.00%

Standard Deviation: 14.67

* Results are sorted by number of minutes taken to complete the exam.
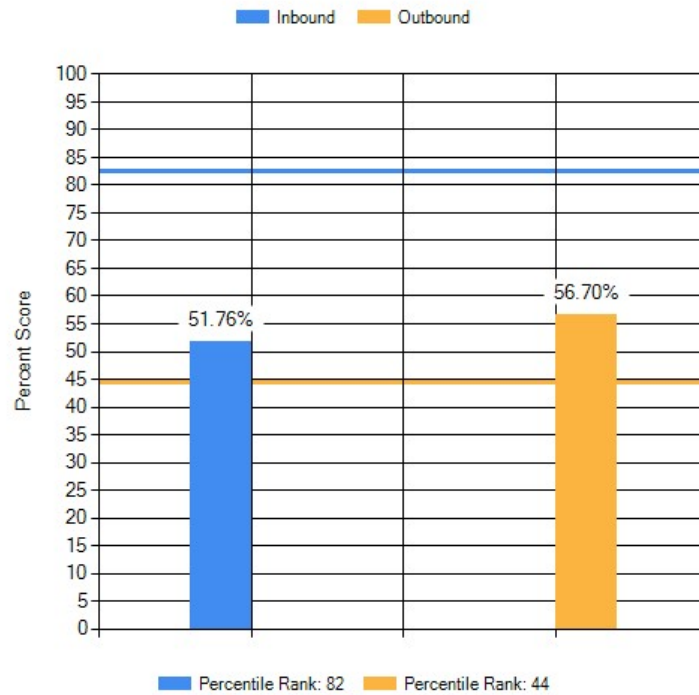
Outbound Exam **Total** Result

Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 103.75

Mean Score: 61.84%, Max Score: 93.00%, Min Score: 19.00%

Standard Deviation: 15.67

* Results are sorted by number of minutes taken to complete the exam.

Accounting Score Comparison

Inbound ■ Outbound

51.76%

56.70%

Percentile Rank: 82 ■ Percentile Rank: 44

9.54% Percentage change from Inbound to Outbound

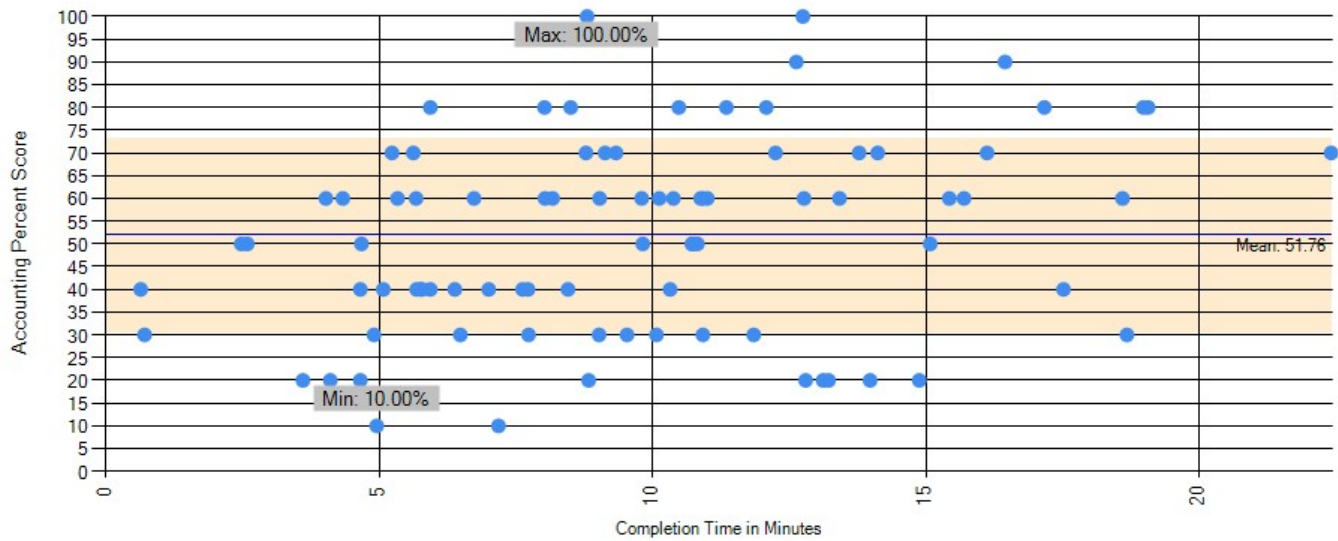Sample Size: Inbound = 85, Outbound = 115

Mean Completion Time (mins): Inbound = 9.7, Outbound = 10.7

Accounting Assessment Summary

Assessment Summary Statistics

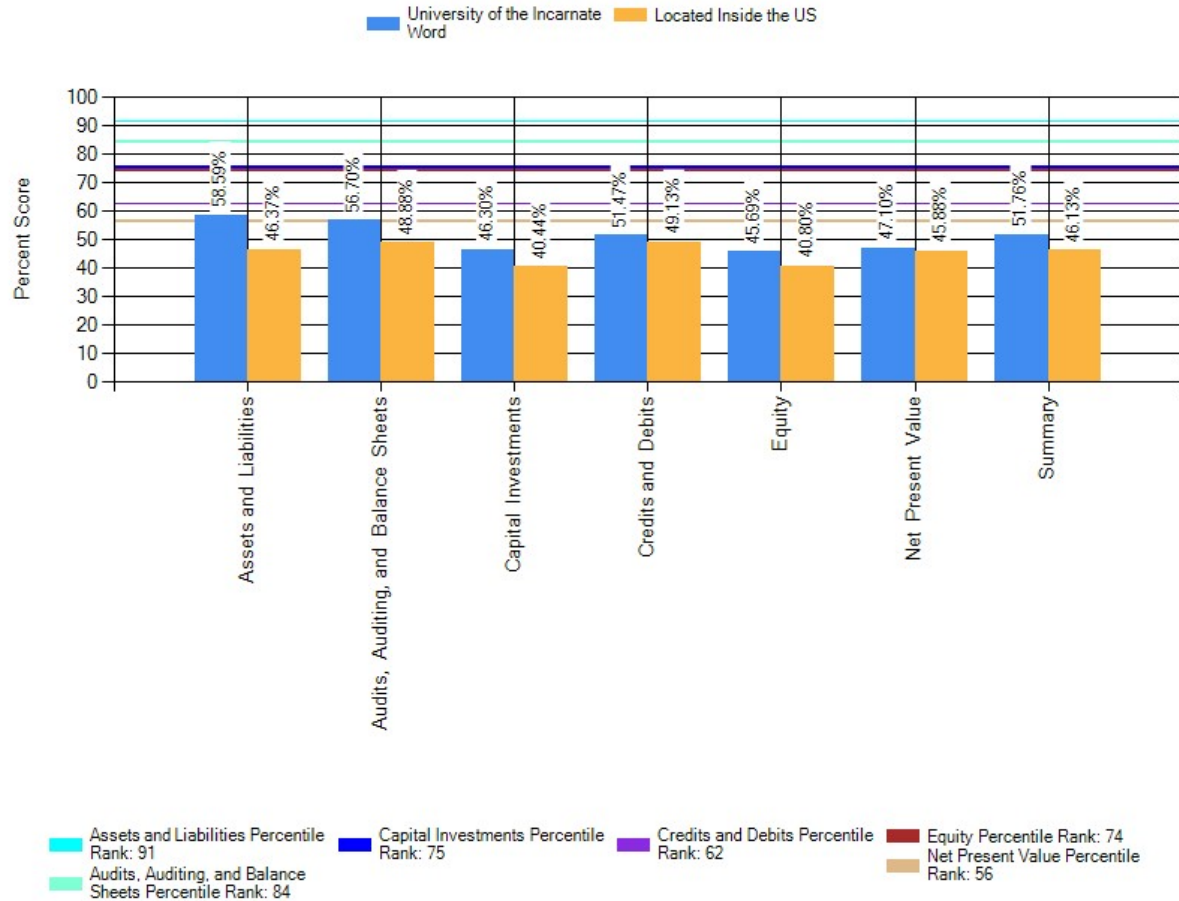| Accounting	Inbound	Outbound
Sample Size	85	115
Mean Score	51.76%	56.70%
Standard Deviation	21.45	21.26
Min Score	10%	0%
Max Score	100%	100%
Median Score	50%	60%
Mode	60%	70%

Inbound Exam Accounting Result

Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 9.72

Mean Score: 51.76%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 21.45

* Results are sorted by number of minutes taken to complete the topic.
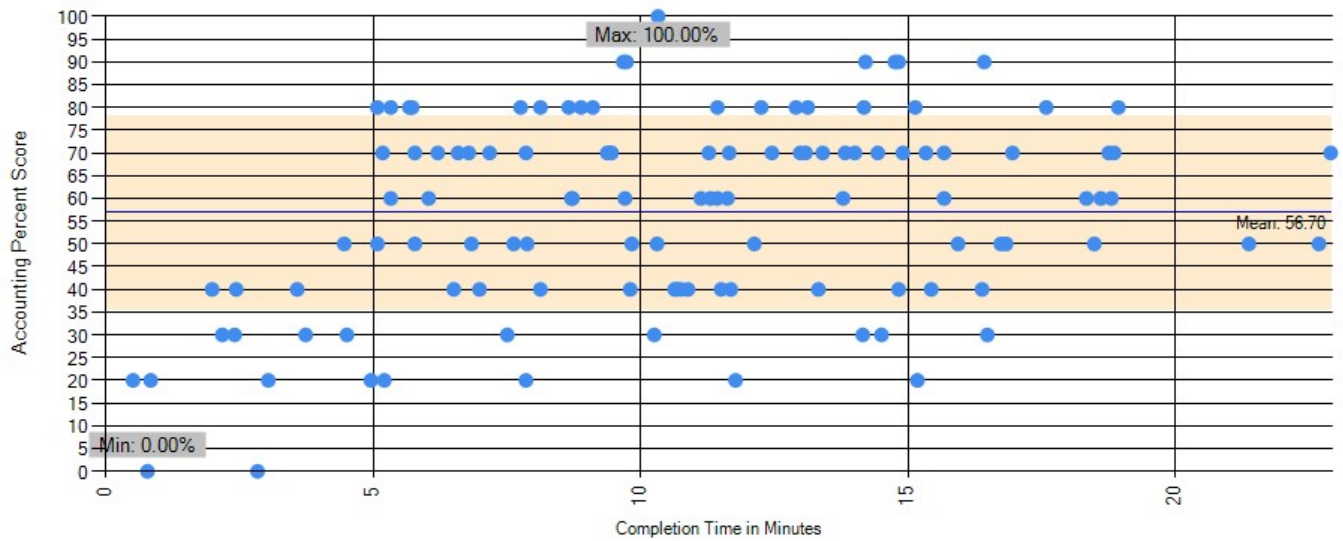
==Accounting== Subject Score Comparison *Inbound Exam*

Legend:
- University of the Incarnate Word
- Located Inside the US

- Assets and Liabilities Percentile Rank: 91
- Audits, Auditing, and Balance Sheets Percentile Rank: 84
- Capital Investments Percentile Rank: 75
- Credits and Debits Percentile Rank: 62
- Equity Percentile Rank: 74
- Net Present Value Percentile Rank: 56

Frequency of Questions Offered on *Inbound* Exams

Accounting	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Assets and Liabilities	128	58.59%	50755	46.37%	*91	40.48%	44.93%	48.69%	54.45%
Audits, Auditing, and Balance Sheets	224	56.70%	84438	48.88%	*84	43.30%	46.83%	51.06%	56.80%
Capital Investments	108	46.30%	33253	40.44%	*75	33.93%	38.46%	43.48%	50.00%
Credits and Debits	136	51.47%	33216	49.13%	*62	42.86%	47.37%	52.29%	59.12%
Equity	116	45.69%	25105	40.80%	*74	35.29%	39.13%	42.86%	49.02%
Net Present Value	138	47.10%	35626	45.88%	*56	38.18%	44.44%	49.06%	56.25%
Summary	**850**	**51.76%**	**262393**	**46.13%**	**82**	**41.67%**	**44.34%**	**47.33%**	**52.65%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

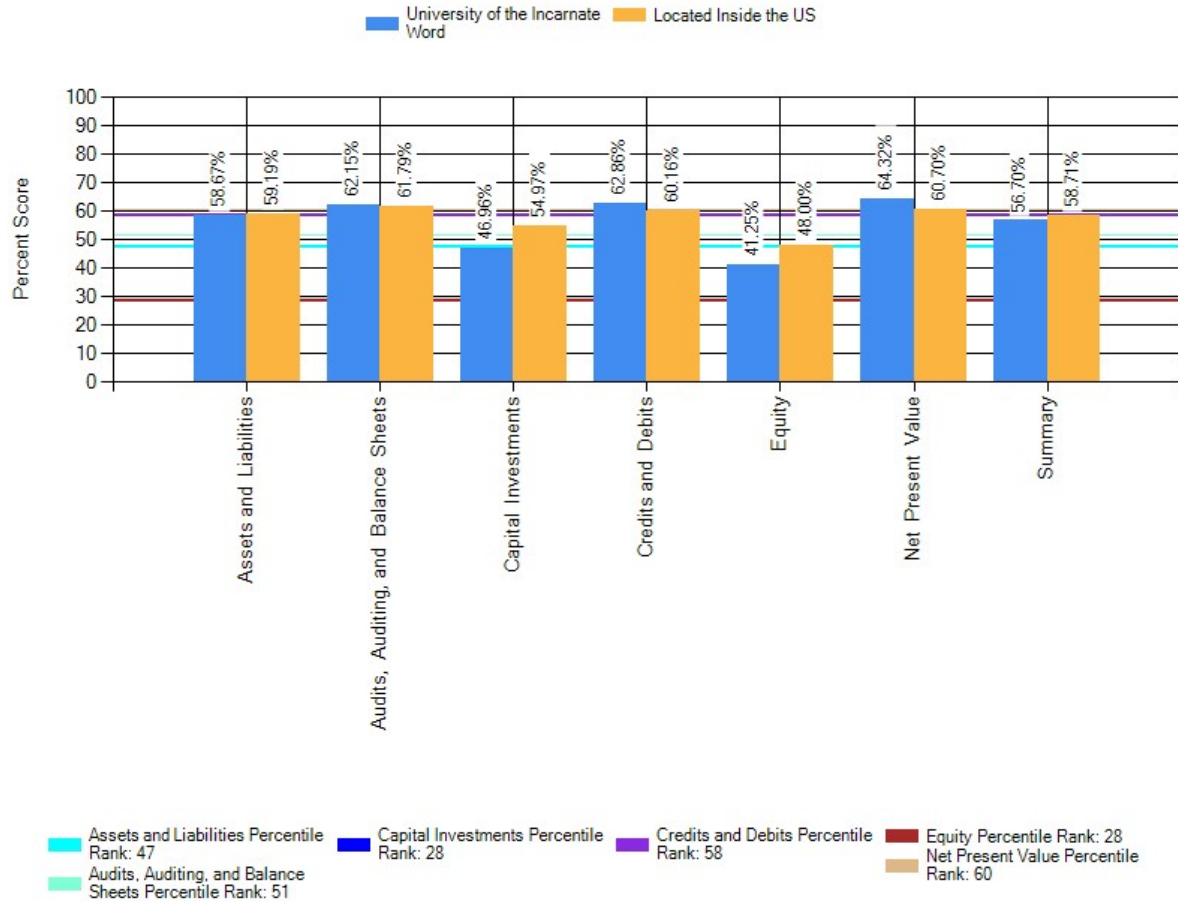# Outbound Exam Accounting Result

Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 10.68

Mean Score: 56.70%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 21.26

* Results are sorted by number of minutes taken to complete the topic.

# Accounting Subject Score Comparison *Outbound Exam*

Legend: University of the Incarnate Word (blue), Located Inside the US (orange)

Chart values (University of the Incarnate Word / Located Inside the US):
- Assets and Liabilities: 58.67% / 59.19%
- Audits, Auditing, and Balance Sheets: 62.15% / 61.79%
- Capital Investments: 46.96% / 54.97%
- Credits and Debits: 62.86% / 60.16%
- Equity: 41.25% / 48.00%
- Net Present Value: 64.32% / 60.70%
- Summary: 56.70% / 58.71%

Percentile rank legend:
- Assets and Liabilities Percentile Rank: 47
- Audits, Auditing, and Balance Sheets Percentile Rank: 51
- Capital Investments Percentile Rank: 28
- Credits and Debits Percentile Rank: 58
- Equity Percentile Rank: 28
- Net Present Value Percentile Rank: 60

Frequency of Questions Offered on *Outbound* Exams

Accounting	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Assets and Liabilities	196	58.67%	100008	59.19%	*47	52.38%	58.09%	63.16%	70.00%
Audits, Auditing, and Balance Sheets	288	62.15%	166485	61.79%	*51	54.08%	60.24%	66.29%	73.33%
Capital Investments	181	46.96%	65332	54.97%	*28	45.61%	52.38%	60.34%	69.23%
Credits and Debits	140	62.86%	65295	60.16%	*58	52.08%	59.18%	64.91%	71.43%
Equity	160	41.25%	48251	48.00%	*28	40.00%	45.65%	51.02%	60.00%
Net Present Value	185	64.32%	70068	60.70%	*60	52.08%	59.18%	65.48%	73.91%
Summary	**1150**	**56.7%**	**515439**	**58.71%**	**44**	**51.67%**	**56.98%**	**62.68%**	**69.33%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Business Ethics Score Comparison

Inbound   Outbound

60.94%

67.74%

Percentile Rank: 91   Percentile Rank: 76
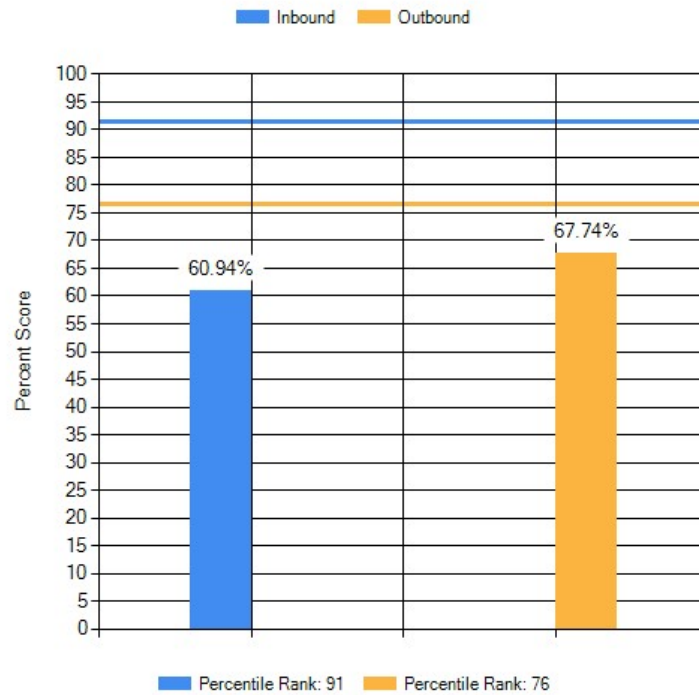
11.16% Percentage change from Inbound to Outbound

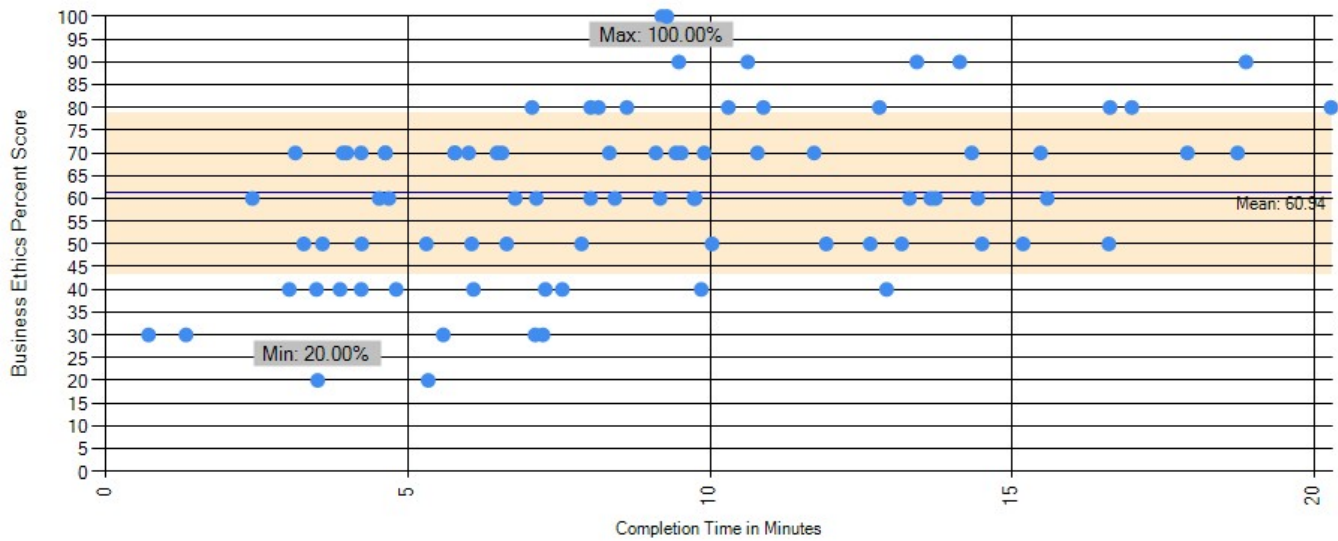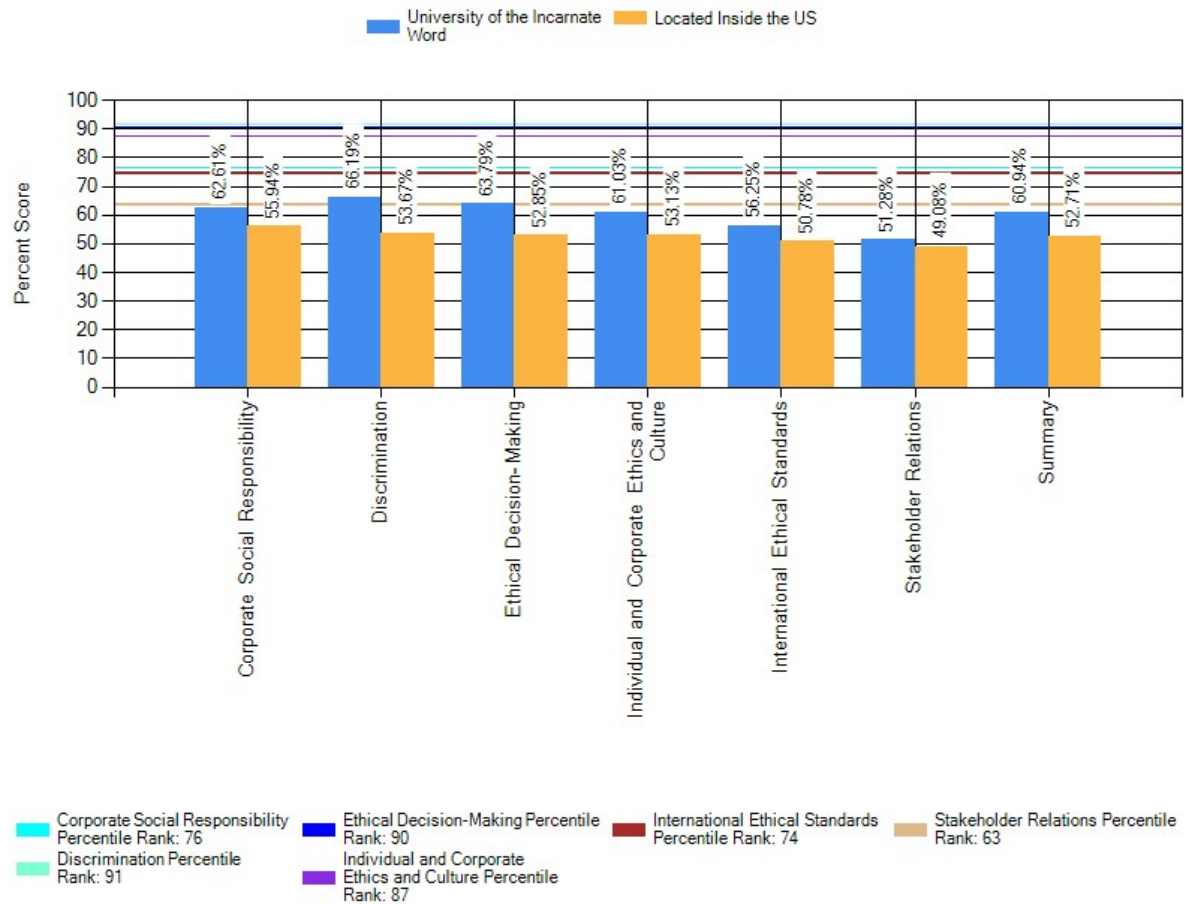Sample Size: Inbound = 85, Outbound = 115

Mean Completion Time (mins): Inbound = 9, Outbound = 10.4

Business Ethics Assessment Summary

Assessment Summary Statistics

Business Ethics	Inbound	Outbound
Sample Size	85	115
Mean Score	60.94%	67.74%
Standard Deviation	17.90	20.65
Min Score	20%	10%
Max Score	100%	100%
Median Score	60%	70%
Mode	70%	80%

Inbound Exam Business Ethics Result

Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 8.95

Mean Score: 60.94%, Max Score: 100.00%, Min Score: 20.00%

Standard Deviation: 17.90

* Results are sorted by number of minutes taken to complete the topic.

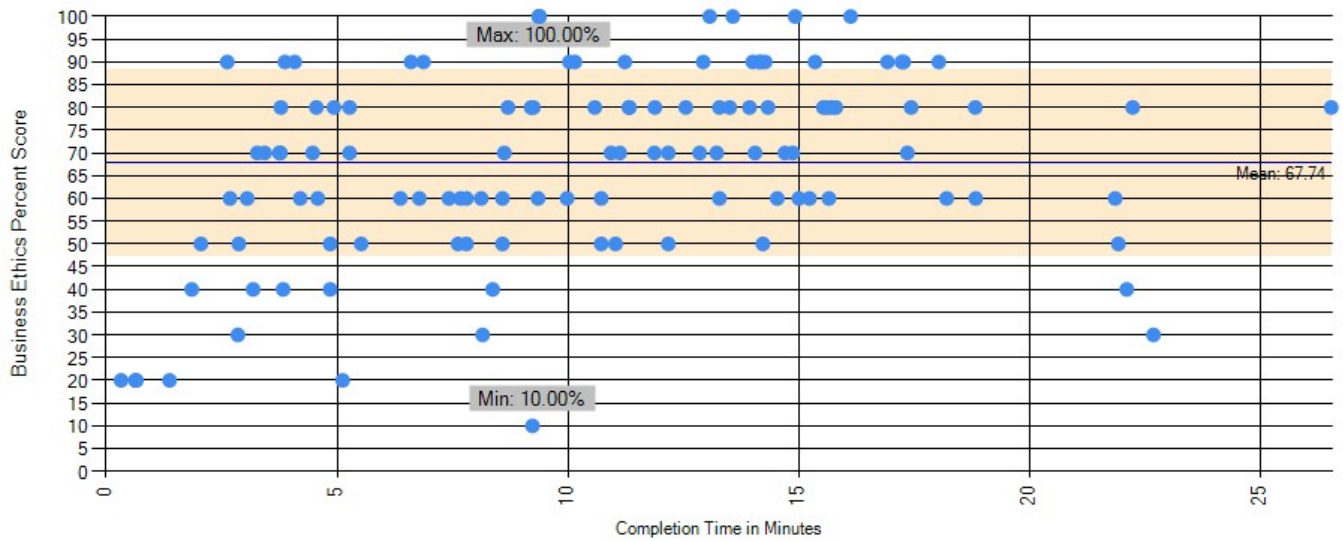# Business Ethics Subject Score Comparison *Inbound Exam*

Legend:
- University of the Incarnate Word
- Located Inside the US

- Corporate Social Responsibility Percentile Rank: 76
- Discrimination Percentile Rank: 91
- Ethical Decision-Making Percentile Rank: 90
- Individual and Corporate Ethics and Culture Percentile Rank: 87
- International Ethical Standards Percentile Rank: 74
- Stakeholder Relations Percentile Rank: 63

Frequency of Questions Offered on *Inbound* Exams

Business Ethics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Corporate Social Responsibility	115	62.61%	37387	55.94%	*76	50.00%	54.73%	59.18%	64.71%
Discrimination	139	66.19%	24236	53.67%	*91	47.06%	53.49%	58.18%	63.83%
Ethical Decision-Making	116	63.79%	38747	52.85%	*90	47.06%	51.72%	55.80%	61.54%
Individual and Corporate Ethics and Culture	290	61.03%	102022	53.13%	*87	48.42%	52.17%	55.45%	60.38%
International Ethical Standards	112	56.25%	36800	50.78%	*74	44.90%	49.02%	53.70%	59.78%
Stakeholder Relations	78	51.28%	28899	49.08%	*63	43.18%	47.62%	52.10%	58.54%
Summary	850	60.94%	268091	52.71%	91	48.67%	51.67%	54.33%	58.33%

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

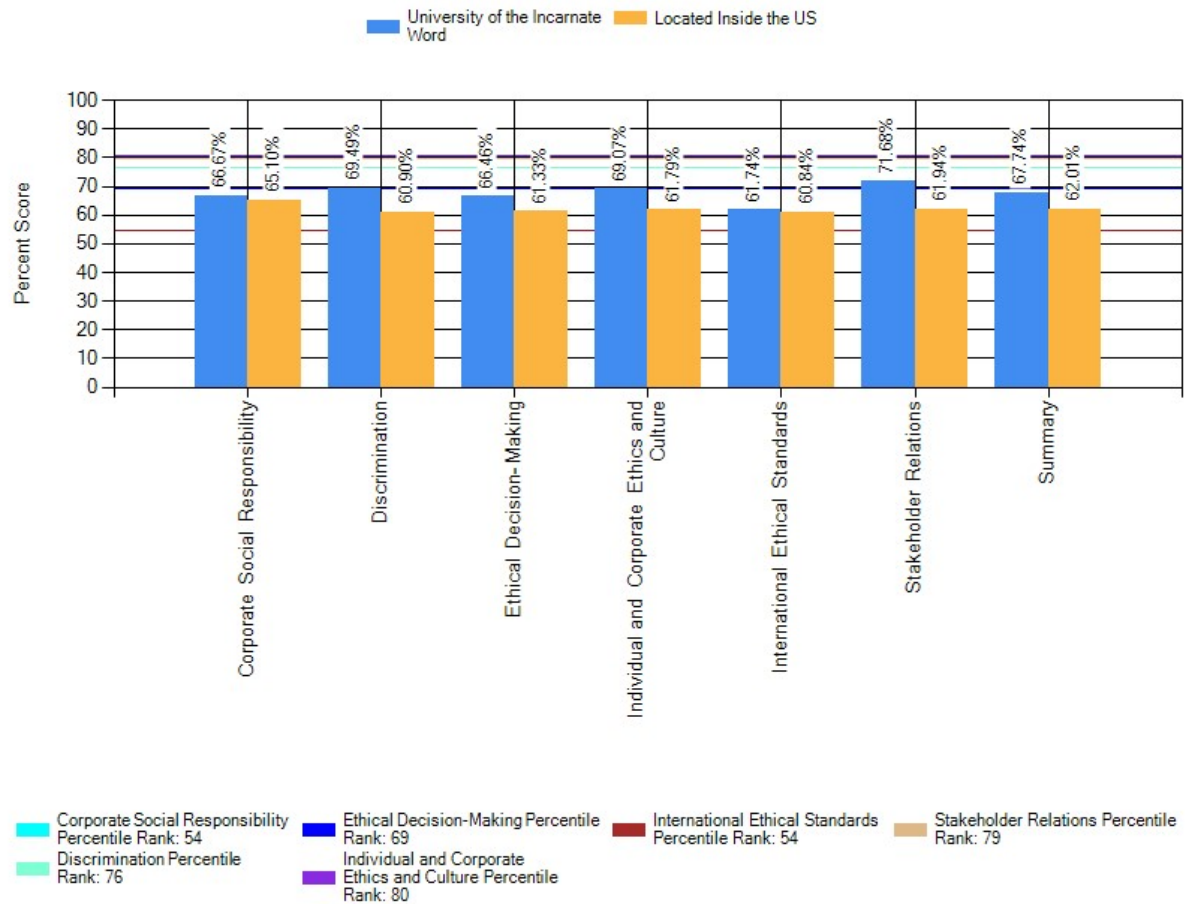# Outbound Exam Business Ethics Result

Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 10.45

Mean Score: 67.74%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 20.65

* Results are sorted by number of minutes taken to complete the topic.

# Business Ethics Subject Score Comparison *Outbound Exam*

Frequency of Questions Offered on *Outbound* Exams

Business Ethics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Corporate Social Responsibility	162	66.67%	68700	65.10%	*54	58.82%	64.15%	68.75%	75.00%
Discrimination	177	69.49%	47303	60.90%	*76	54.09%	60.87%	66.00%	71.90%
Ethical Decision-Making	161	66.46%	73230	61.33%	*69	54.90%	60.00%	65.22%	71.43%
Individual and Corporate Ethics and Culture	388	69.07%	191863	61.79%	80	56.19%	60.87%	65.01%	70.54%
International Ethical Standards	149	61.74%	69368	60.84%	*54	54.17%	59.52%	64.58%	70.87%
Stakeholder Relations	113	71.68%	54273	61.94%	*79	54.76%	61.22%	66.67%	73.33%
Summary	**1150**	**67.74%**	**504737**	**62.01%**	**76**	**56.79%**	**61.07%**	**65.13%**	**70.33%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Business Finance Score Comparison
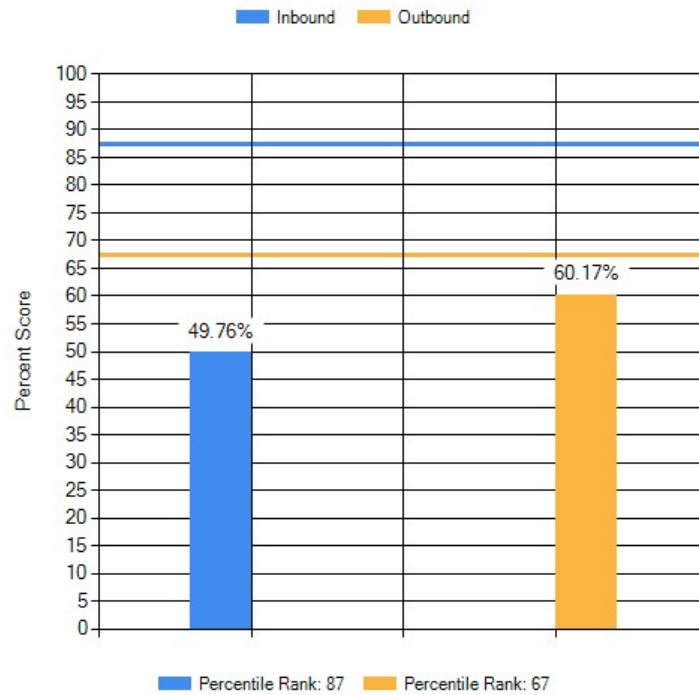
20.92% Percentage change from Inbound to Outbound

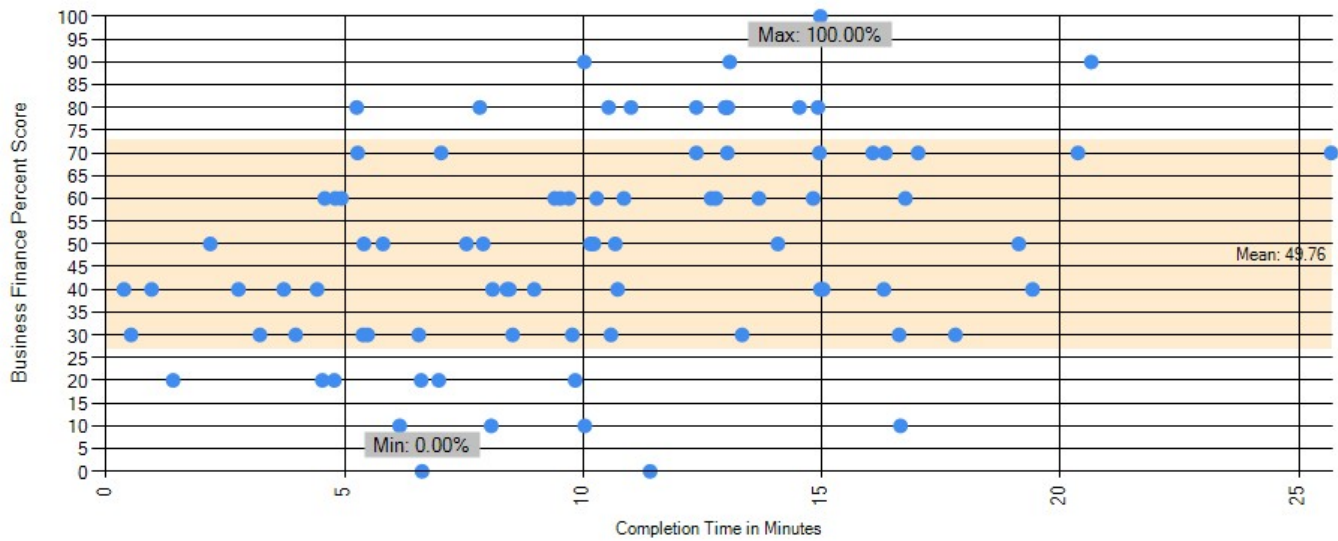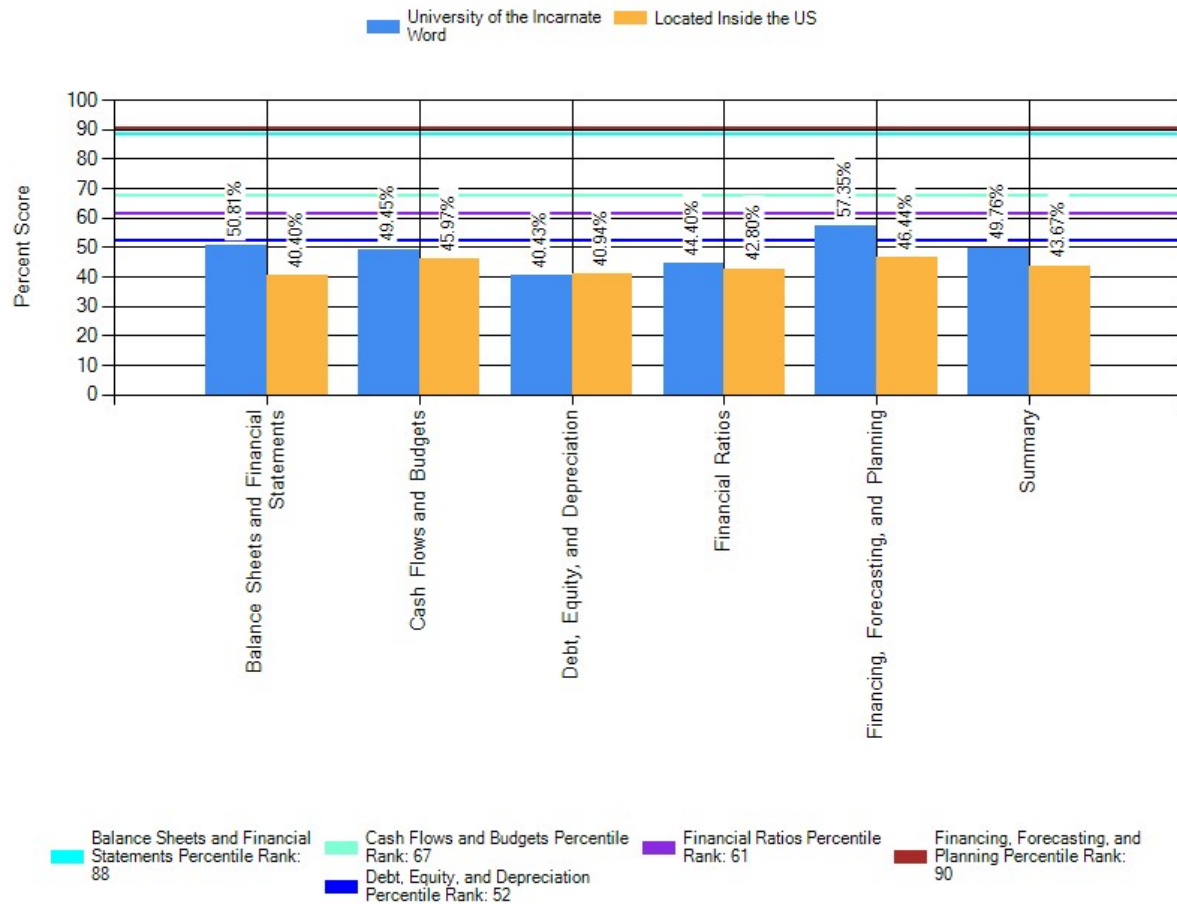Sample Size: Inbound = 85, Outbound = 115

Mean Completion Time (mins): Inbound = 10.2, Outbound = 11.5

Business Finance Assessment Summary

Assessment Summary Statistics

Business Finance	Inbound	Outbound
Sample Size	85	115
Mean Score	49.76%	60.17%
Standard Deviation	23.04	23.58
Min Score	0%	10%
Max Score	100%	100%
Median Score	50%	60%
Mode	40%	80%

Inbound Exam Business Finance Result

Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 10.20

Mean Score: 49.76%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 23.04

* Results are sorted by number of minutes taken to complete the topic.

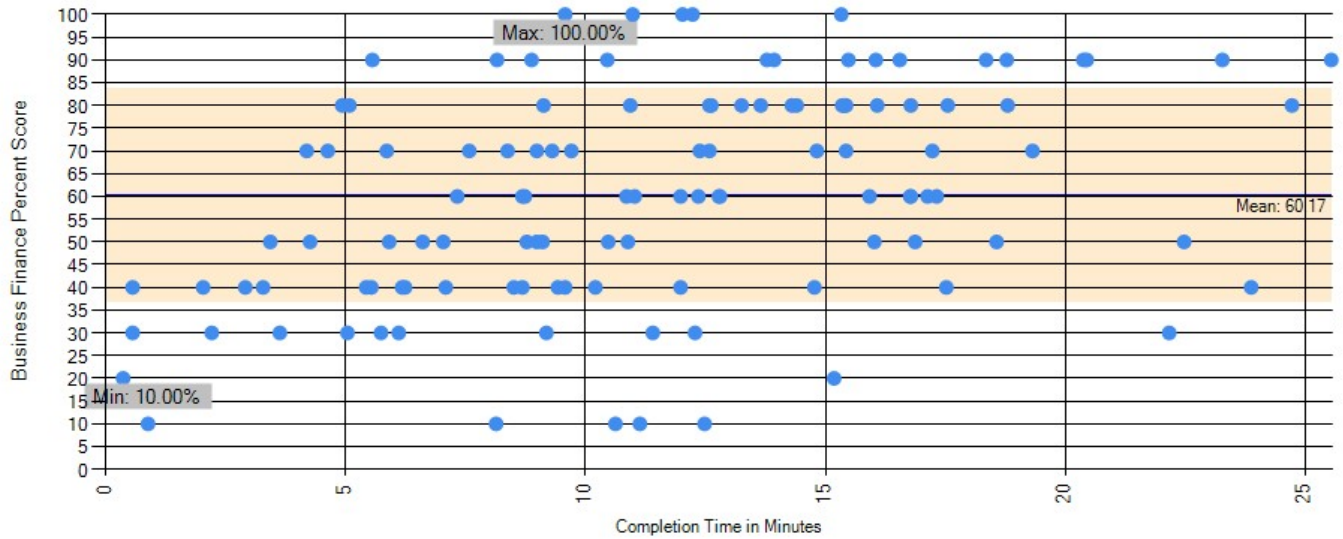# Business Finance Subject Score Comparison *Inbound Exam*

Legend:
- University of the Incarnate Word
- Located Inside the US

- Balance Sheets and Financial Statements Percentile Rank: 88
- Cash Flows and Budgets Percentile Rank: 67
- Debt, Equity, and Depreciation Percentile Rank: 52
- Financial Ratios Percentile Rank: 61
- Financing, Forecasting, and Planning Percentile Rank: 90

Frequency of Questions Offered on *Inbound* Exams

Business Finance	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Balance Sheets and Financial Statements	185	50.81%	52034	40.40%	*88	34.69%	38.96%	43.42%	49.29%
Cash Flows and Budgets	182	49.45%	48481	45.97%	*67	40.00%	44.30%	48.78%	54.76%
Debt, Equity, and Depreciation	47	40.43%	16181	40.94%	*52	34.21%	38.89%	44.44%	51.37%
Financial Ratios	232	44.40%	82186	42.80%	*61	37.34%	41.21%	45.00%	50.00%
Financing, Forecasting, and Planning	204	57.35%	76246	46.44%	*90	41.03%	44.62%	48.72%	54.79%
Summary	**850**	**49.76%**	**275128**	**43.67%**	**87**	**39.67%**	**42.32%**	**44.94%**	**49.33%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Outbound Exam Business Finance Result
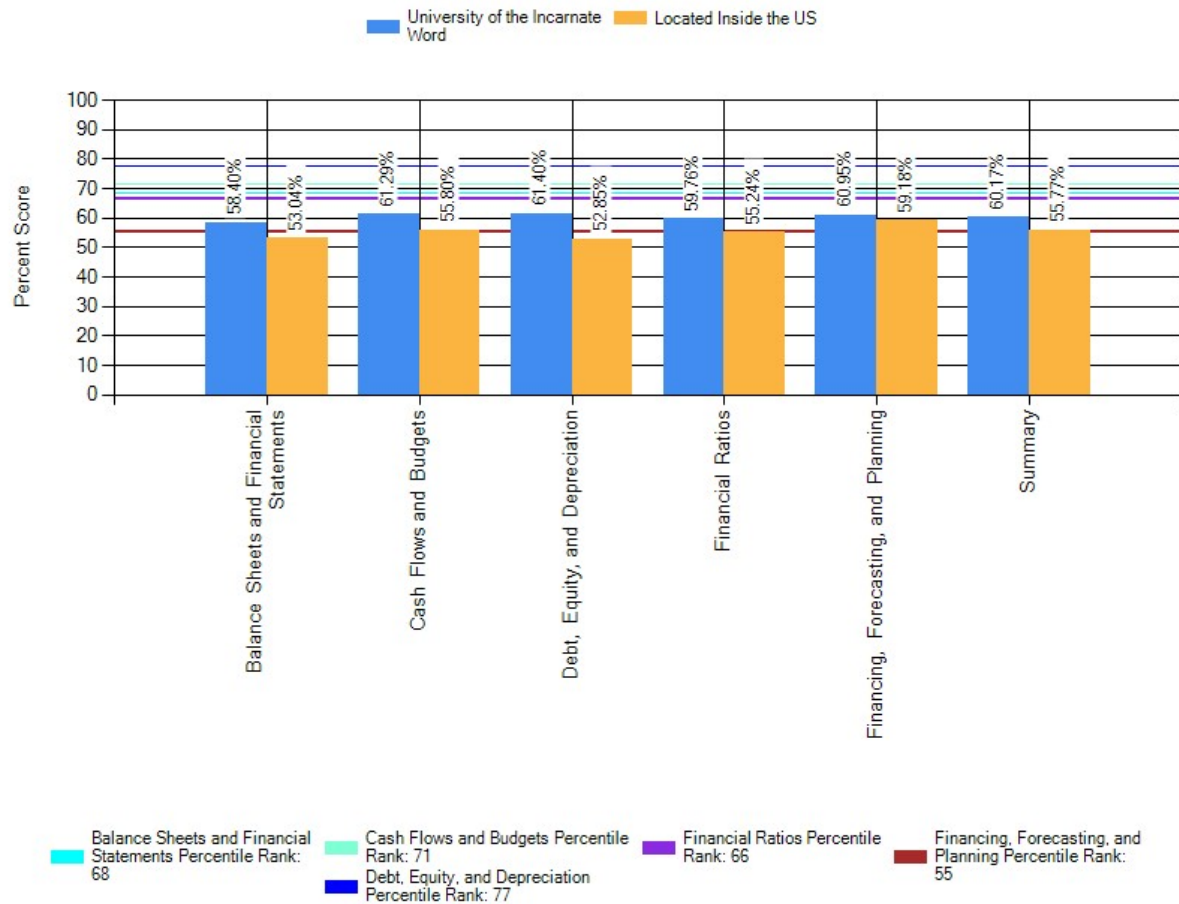

Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 11.45

Mean Score: 60.17%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 23.58

* Results are sorted by number of minutes taken to complete the topic.

# Business Finance Subject Score Comparison *Outbound Exam*

Frequency of Questions Offered on *Outbound* Exams

Business Finance	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Balance Sheets and Financial Statements	238	58.40%	93422	53.04%	*68	45.45%	51.00%	57.14%	64.81%
Cash Flows and Budgets	248	61.29%	87203	55.80%	*71	48.75%	54.69%	59.57%	65.96%
Debt, Equity, and Depreciation	57	61.40%	28051	52.85%	*77	45.45%	51.43%	57.30%	65.63%
Financial Ratios	333	59.76%	147435	55.24%	66	47.56%	53.60%	59.46%	67.11%
Financing, Forecasting, and Planning	274	60.95%	136043	59.18%	*55	51.39%	57.81%	63.49%	70.59%
Summary	**1150**	**60.17%**	**492154**	**55.77%**	**67**	**49.00%**	**54.00%**	**59.67%**	**65.67%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Business Integration and Strategic Management Score Comparison
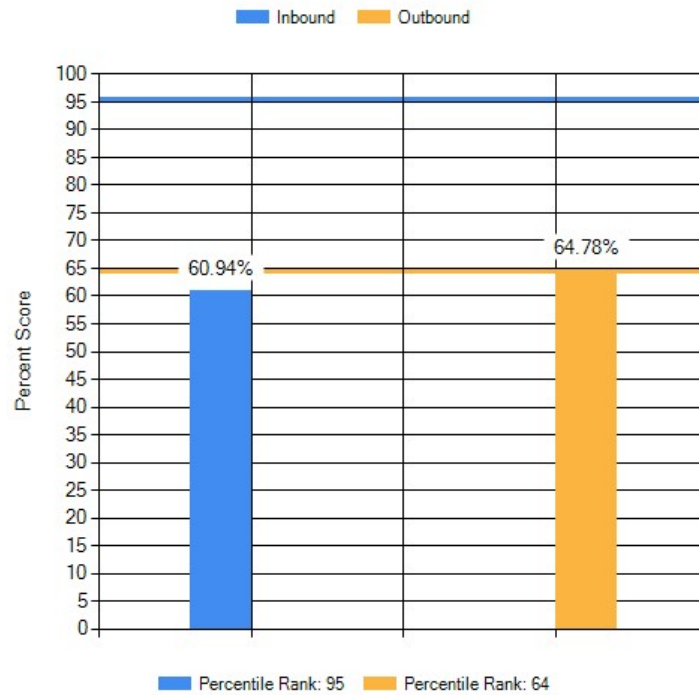
6.30% Percentage change from Inbound to Outbound

Sample Size: Inbound = 85, Outbound = 115

Mean Completion Time (mins): Inbound = 9.3, Outbound = 10.5

Business Integration and Strategic Management Assessment Summary

Assessment Summary Statistics

Business Integration and Strategic Management	Inbound	Outbound
Sample Size	85	115
Mean Score	60.94%	64.78%
Standard Deviation	20.56	20.53
Min Score	20%	10%
Max Score	100%	100%
Median Score	60%	70%
Mode	50%	80%

Inbound Exam Business Integration and Strategic Management Result
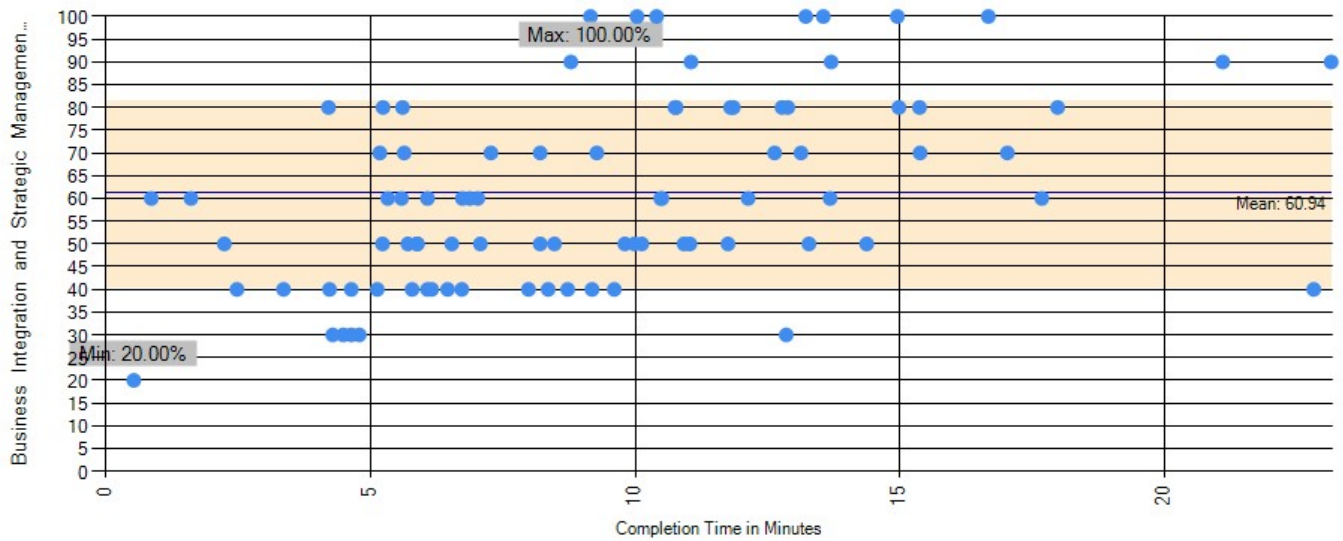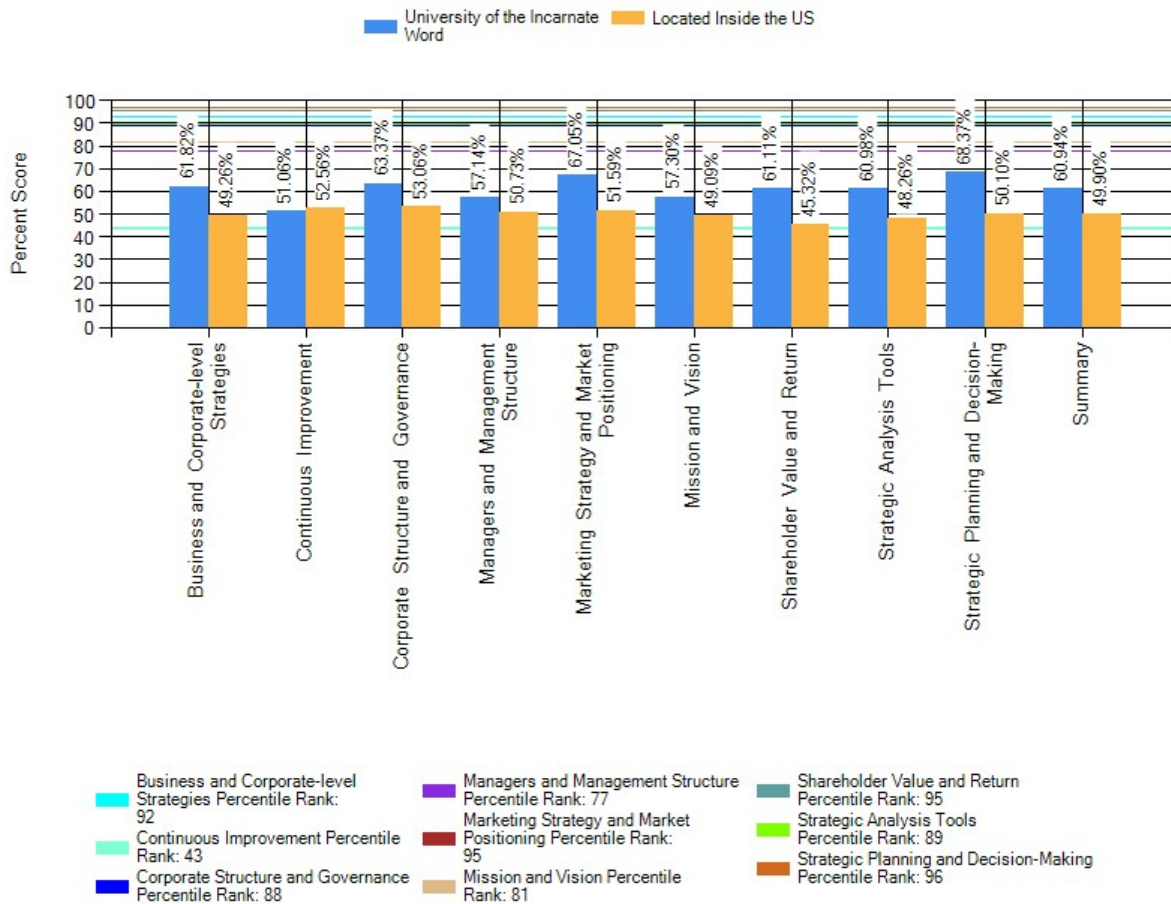

Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 9.33

Mean Score: 60.94%, Max Score: 100.00%, Min Score: 20.00%

Standard Deviation: 20.56

* Results are sorted by number of minutes taken to complete the topic.

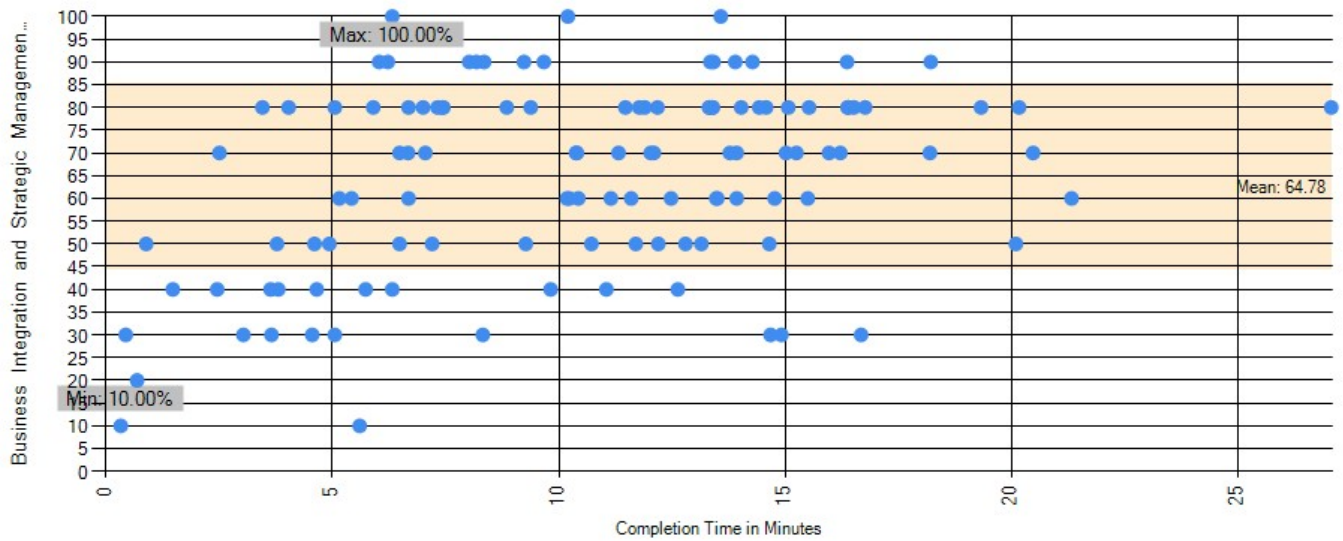# Business Integration and Strategic Management Subject Score Comparison *Inbound Exam*

Frequency of Questions Offered on *Inbound* Exams

Business Integration and Strategic Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Business and Corporate-level Strategies	110	61.82%	49019	49.26%	*92	43.52%	47.92%	52.00%	58.42%
Continuous Improvement	94	51.06%	22879	52.56%	*43	45.80%	51.28%	56.49%	62.16%
Corporate Structure and Governance	101	63.37%	27931	53.06%	*88	46.81%	51.92%	56.09%	61.70%
Managers and Management Structure	98	57.14%	29051	50.73%	*77	44.74%	48.92%	54.17%	59.57%
Marketing Strategy and Market Positioning	88	67.05%	37067	51.59%	*95	45.65%	50.00%	54.84%	61.11%
Mission and Vision	89	57.30%	23460	49.09%	*81	42.71%	47.37%	52.38%	58.54%
Shareholder Value and Return	90	61.11%	24877	45.32%	*95	39.47%	44.52%	48.72%	54.35%
Strategic Analysis Tools	82	60.98%	30441	48.26%	*89	41.18%	46.67%	51.94%	58.67%
Strategic Planning and Decision-Making	98	68.37%	39187	50.10%	*96	43.40%	47.98%	53.06%	60.00%
Summary	**850**	**60.94%**	**283912**	**49.90%**	**95**	**45.83%**	**48.53%**	**51.12%**	**55.67%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Outbound Exam Business Integration and Strategic Management Result
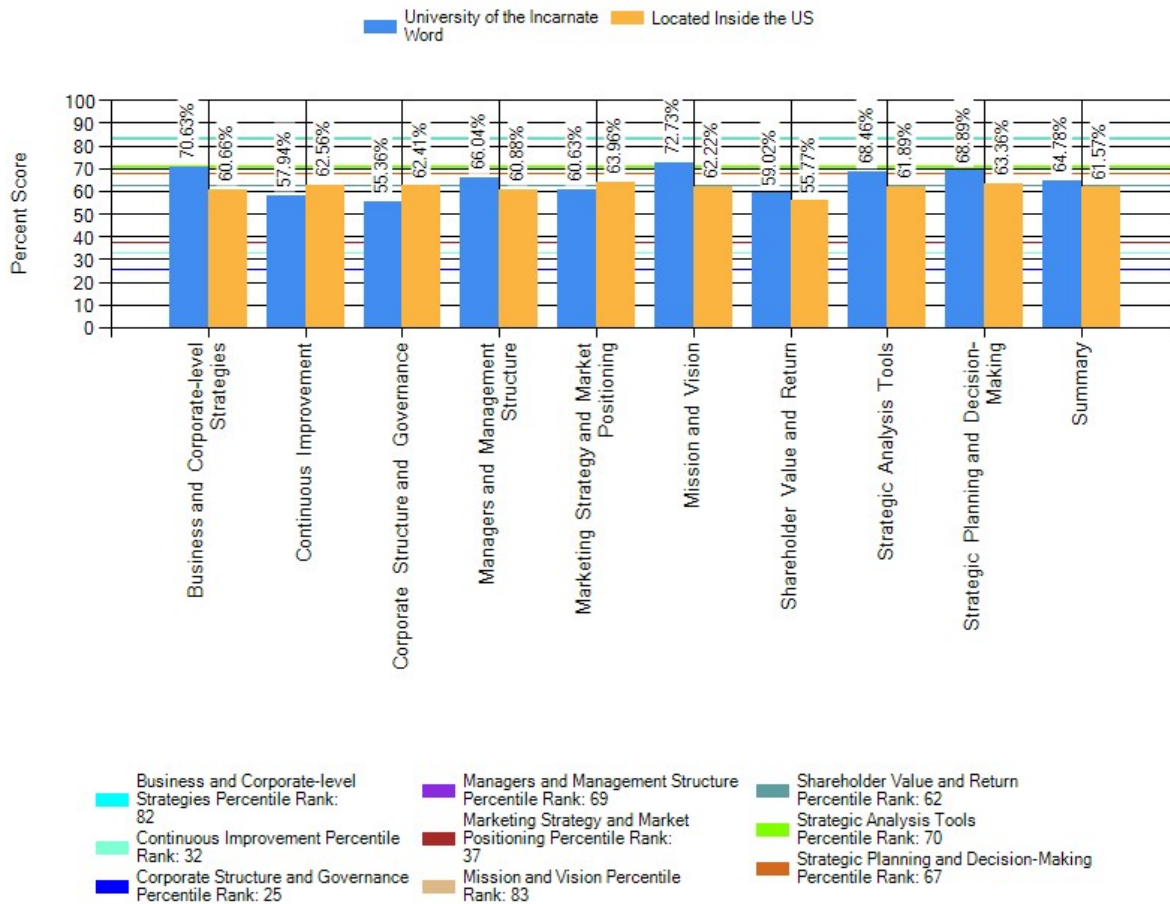

Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 10.53

Mean Score: 64.78%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 20.53

* Results are sorted by number of minutes taken to complete the topic.

# Business Integration and Strategic Management Subject Score Comparison *Outbound Exam*

Legend:
- University of the Incarnate Word
- Located Inside the US

- Business and Corporate-level Strategies Percentile Rank: 82
- Continuous Improvement Percentile Rank: 32
- Corporate Structure and Governance Percentile Rank: 25
- Managers and Management Structure Percentile Rank: 69
- Marketing Strategy and Market Positioning Percentile Rank: 37
- Mission and Vision Percentile Rank: 83
- Shareholder Value and Return Percentile Rank: 62
- Strategic Analysis Tools Percentile Rank: 70
- Strategic Planning and Decision-Making Percentile Rank: 67

Frequency of Questions Offered on *Outbound* Exams

Business Integration and Strategic Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Business and Corporate-level Strategies	160	70.63%	94730	60.66%	*82	53.23%	58.82%	65.00%	72.20%
Continuous Improvement	126	57.94%	45115	62.56%	*32	55.00%	61.54%	67.35%	73.68%
Corporate Structure and Governance	112	55.36%	54710	62.41%	*25	54.90%	60.98%	65.97%	73.55%
Managers and Management Structure	106	66.04%	57072	60.88%	*69	53.33%	59.26%	65.12%	72.55%
Marketing Strategy and Market Positioning	127	60.63%	71603	63.96%	*37	56.14%	62.95%	68.75%	75.56%
Mission and Vision	132	72.73%	46395	62.22%	*83	54.76%	61.11%	66.67%	73.53%
Shareholder Value and Return	122	59.02%	48680	55.77%	*62	48.57%	54.22%	59.61%	67.26%
Strategic Analysis Tools	130	68.46%	58482	61.89%	*70	54.26%	60.87%	66.67%	73.59%
Strategic Planning and Decision-Making	135	68.89%	75046	63.36%	*67	55.56%	62.28%	68.00%	75.44%
Summary	**1150**	**64.78%**	**551833**	**61.57%**	**64**	**55.33%**	**60.33%**	**65.00%**	**71.13%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Business Leadership Score Comparison
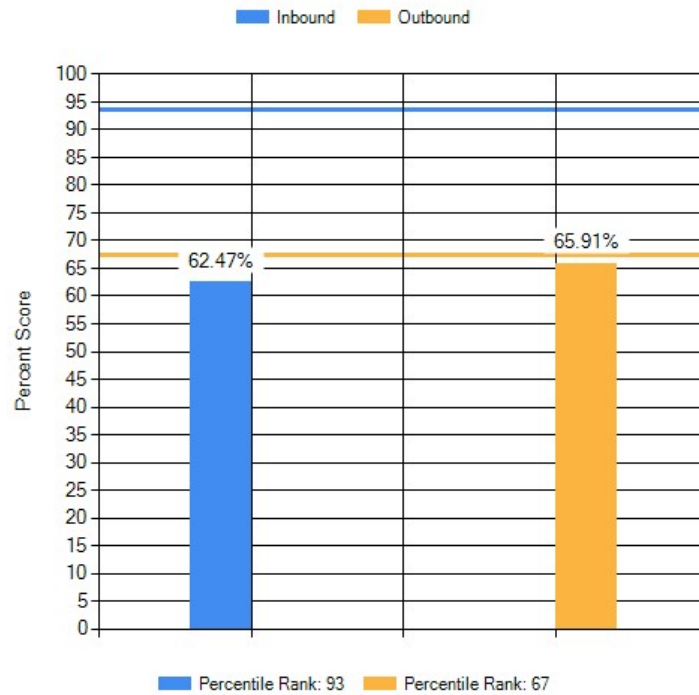
5.51% Percentage change from Inbound to Outbound
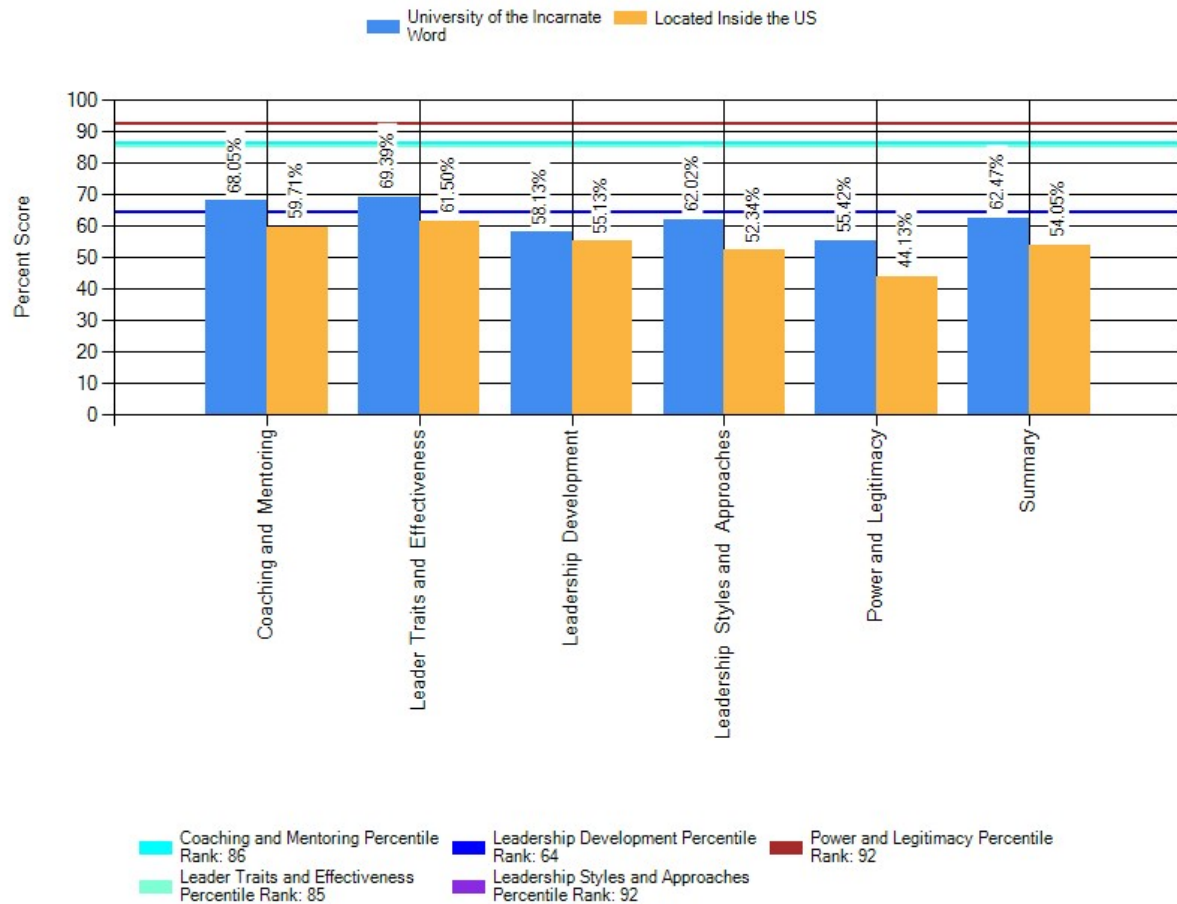Sample Size: Inbound = 85, Outbound = 115
Mean Completion Time (mins): Inbound = 8.4, Outbound = 9.8

Business Leadership Assessment Summary

Assessment Summary Statistics

Business Leadership	Inbound	Outbound
Sample Size	85	115
Mean Score	62.47%	65.91%
Standard Deviation	21.76	22.20
Min Score	10%	10%
Max Score	100%	100%
Median Score	60%	70%
Mode	70%	70%

Inbound Exam Business Leadership Result
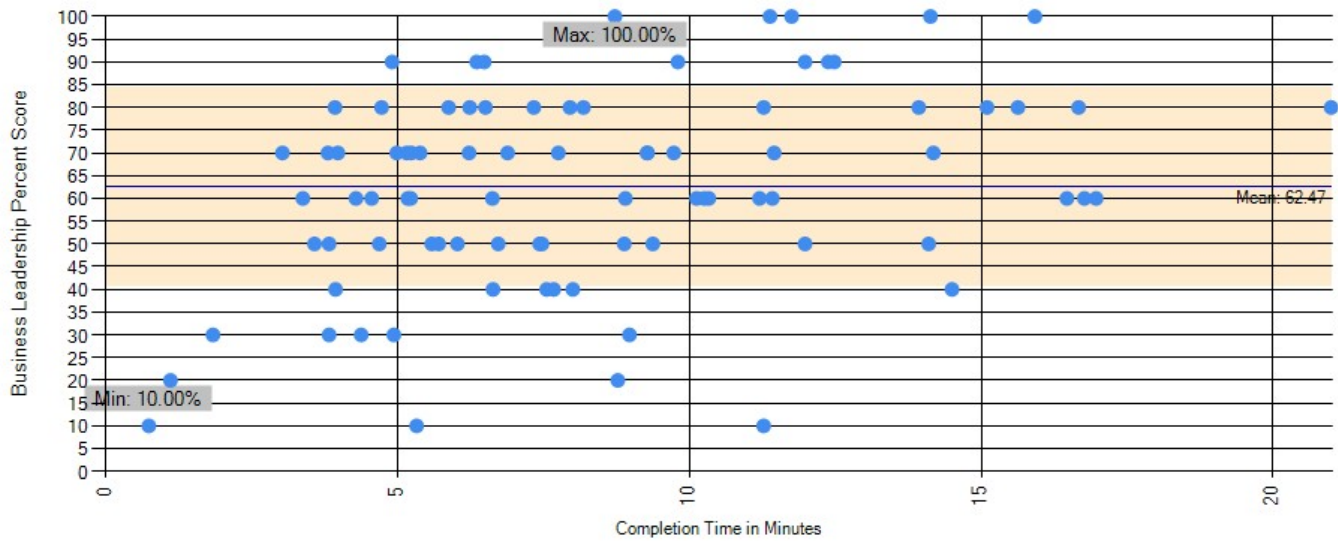
Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 8.38

Mean Score: 62.47%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 21.76

* Results are sorted by number of minutes taken to complete the topic.

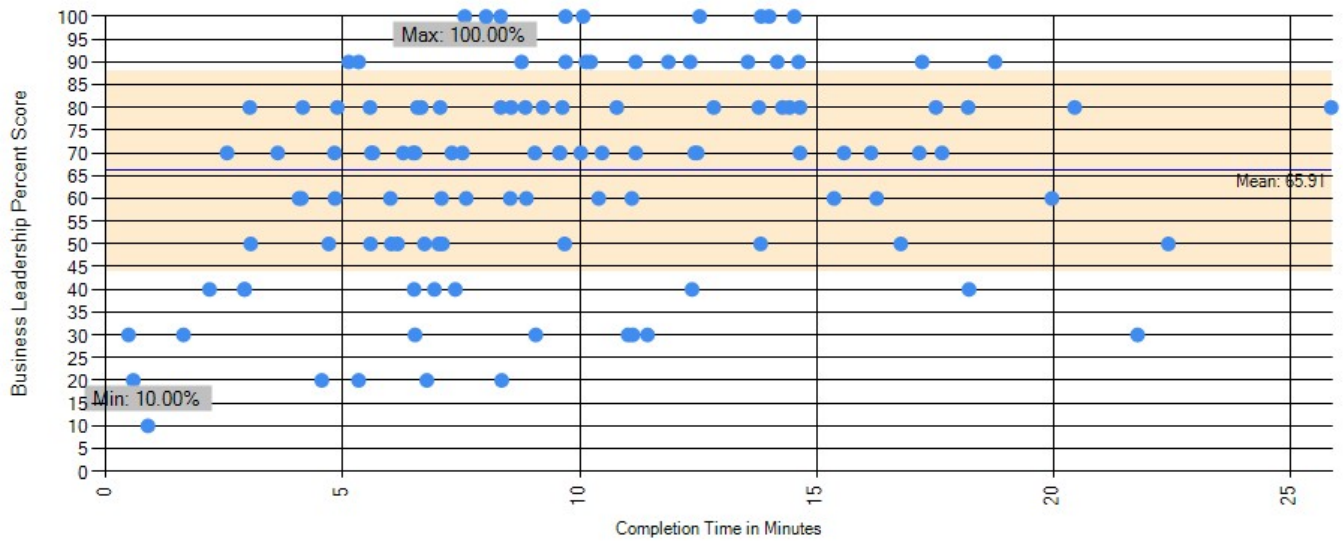# **Business Leadership** Subject Score Comparison *Inbound Exam*

Legend:
- University of the Incarnate Word
- Located Inside the US

Percentile Rank lines:
- Coaching and Mentoring Percentile Rank: 86
- Leader Traits and Effectiveness Percentile Rank: 85
- Leadership Development Percentile Rank: 64
- Leadership Styles and Approaches Percentile Rank: 92
- Power and Legitimacy Percentile Rank: 92

Frequency of Questions Offered on *Inbound* Exams

Business Leadership	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Coaching and Mentoring	169	68.05%	43528	59.71%	*86	54.39%	58.88%	62.71%	67.72%
Leader Traits and Effectiveness	147	69.39%	43301	61.50%	*85	56.14%	60.50%	64.41%	69.12%
Leadership Development	160	58.13%	37008	55.13%	*64	49.21%	53.51%	58.22%	64.15%
Leadership Styles and Approaches	208	62.02%	54999	52.34%	*92	47.41%	51.32%	55.02%	59.71%
Power and Legitimacy	166	55.42%	50379	44.13%	*92	39.29%	43.06%	46.30%	51.75%
Summary	**850**	**62.47%**	**229215**	**54.05%**	**93**	**50.42%**	**53.00%**	**55.67%**	**58.99%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

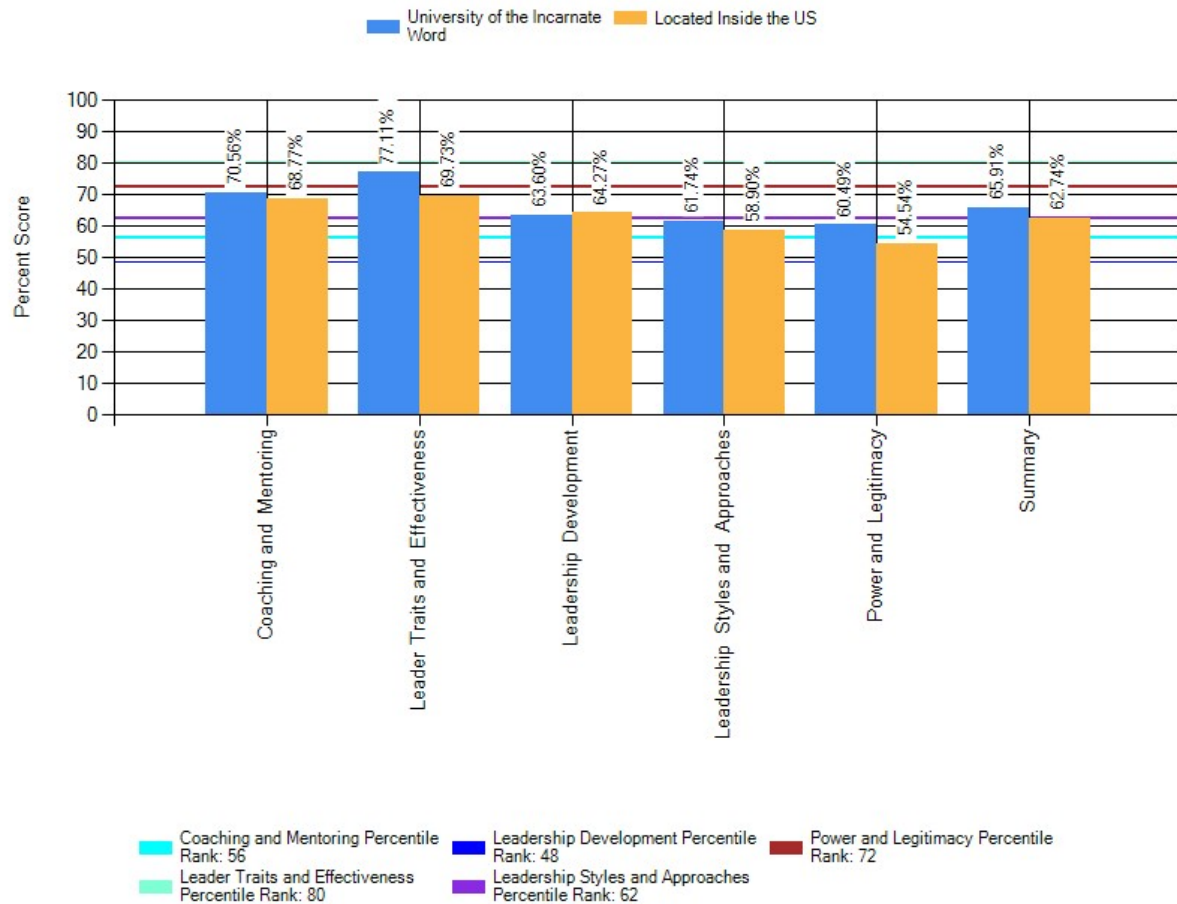# Outbound Exam Business Leadership Result

Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 9.75

Mean Score: 65.91%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 22.20

* Results are sorted by number of minutes taken to complete the topic.

# Business Leadership Subject Score Comparison *Outbound Exam*

Legend:
- University of the Incarnate Word
- Located Inside the US

- Coaching and Mentoring Percentile Rank: 56
- Leader Traits and Effectiveness Percentile Rank: 80
- Leadership Development Percentile Rank: 48
- Leadership Styles and Approaches Percentile Rank: 62
- Power and Legitimacy Percentile Rank: 72

Frequency of Questions Offered on *Outbound* Exams

Business Leadership	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Coaching and Mentoring	180	70.56%	73368	68.77%	*56	62.50%	67.86%	72.73%	77.94%
Leader Traits and Effectiveness	201	77.11%	73947	69.73%	*80	63.79%	68.71%	73.08%	78.80%
Leadership Development	228	63.60%	63285	64.27%	*48	56.50%	62.68%	68.66%	75.00%
Leadership Styles and Approaches	298	61.74%	93517	58.90%	*62	53.52%	57.69%	62.30%	67.14%
Power and Legitimacy	243	60.49%	85911	54.54%	*72	47.46%	52.85%	58.11%	65.63%
Summary	**1150**	**65.91%**	**390028**	**62.74%**	**67**	**57.37%**	**61.28%**	**65.37%**	**70.56%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Economics Score Comparison
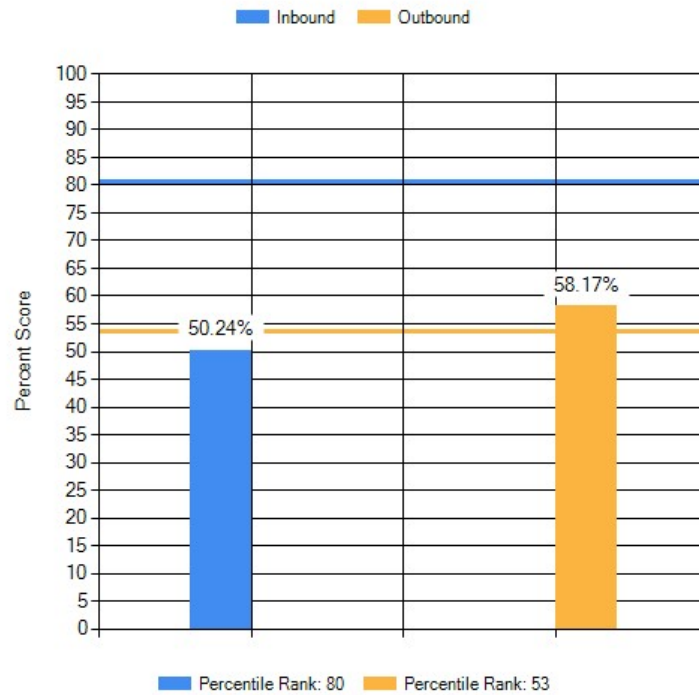
Inbound   Outbound

50.24%   58.17%

Percentile Rank: 80   Percentile Rank: 53

15.78% Percentage change from Inbound to Outbound
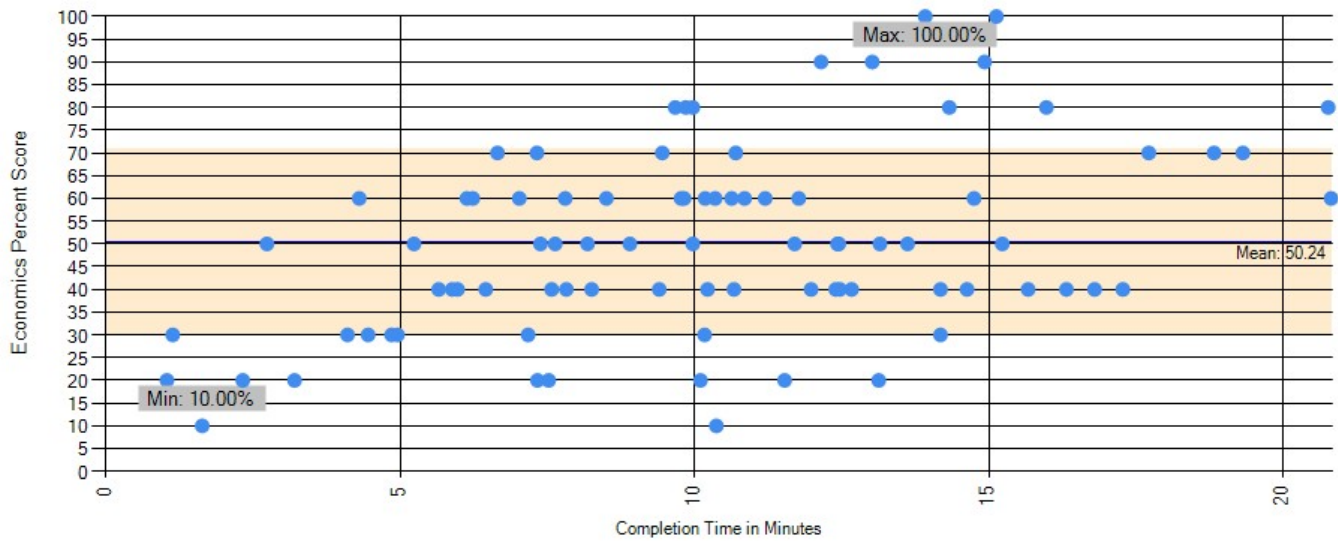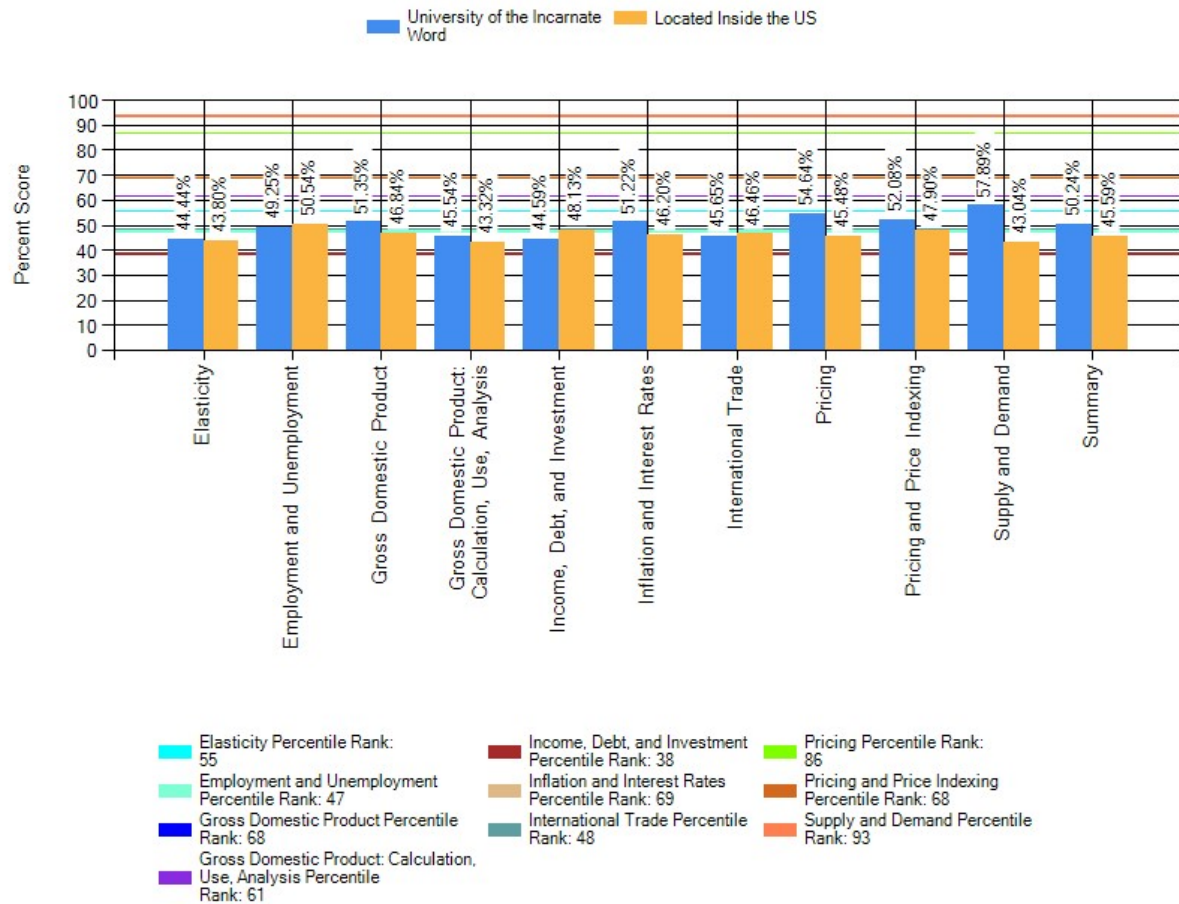
Sample Size: Inbound = 85, Outbound = 115

Mean Completion Time (mins): Inbound = 10.2, Outbound = 10.8

Economics Assessment Summary

Assessment Summary Statistics

Economics	Inbound	Outbound
Sample Size	85	115
Mean Score	50.24%	58.17%
Standard Deviation	20.47	22.66
Min Score	10%	0%
Max Score	100%	100%
Median Score	50%	60%
Mode	40%	80%

Inbound Exam Economics Result

Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 10.23

Mean Score: 50.24%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 20.47

* Results are sorted by number of minutes taken to complete the topic.

Economics Subject Score Comparison *Inbound Exam*

Legend:
- University of the Incarnate Word
- Located Inside the US

- Elasticity Percentile Rank: 55
- Employment and Unemployment Percentile Rank: 47
- Gross Domestic Product Percentile Rank: 68
- Gross Domestic Product: Calculation, Use, Analysis Percentile Rank: 61
- Income, Debt, and Investment Percentile Rank: 38
- Inflation and Interest Rates Percentile Rank: 69
- International Trade Percentile Rank: 48
- Pricing Percentile Rank: 86
- Pricing and Price Indexing Percentile Rank: 68
- Supply and Demand Percentile Rank: 93

Frequency of Questions Offered on *Inbound* Exams

Economics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Elasticity	117	44.44%	27927	43.80%	*55	37.50%	42.19%	46.93%	52.95%
Employment and Unemployment	67	49.25%	20288	50.54%	*47	44.44%	48.82%	53.85%	60.92%
Gross Domestic Product	37	51.35%	6192	46.84%	*68	40.54%	45.73%	50.00%	56.76%
Gross Domestic Product: Calculation, Use, Analysis	112	45.54%	27604	43.32%	*61	36.59%	41.30%	46.51%	52.58%
Income, Debt, and Investment	74	44.59%	23678	48.13%	*38	41.46%	45.67%	51.16%	58.38%
Inflation and Interest Rates	41	51.22%	8297	46.20%	*69	38.96%	44.44%	50.00%	56.25%
International Trade	46	45.65%	8566	46.46%	*48	40.00%	45.16%	50.00%	56.67%
Pricing	194	54.64%	43081	45.48%	*86	39.59%	44.12%	48.33%	53.98%
Pricing and Price Indexing	48	52.08%	14135	47.90%	*68	41.03%	45.95%	51.28%	58.68%
Supply and Demand	114	57.89%	39762	43.04%	*93	36.36%	41.27%	45.76%	51.92%
Summary	**850**	**50.24%**	**219530**	**45.59%**	**80**	**40.91%**	**44.06%**	**47.15%**	**52.33%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

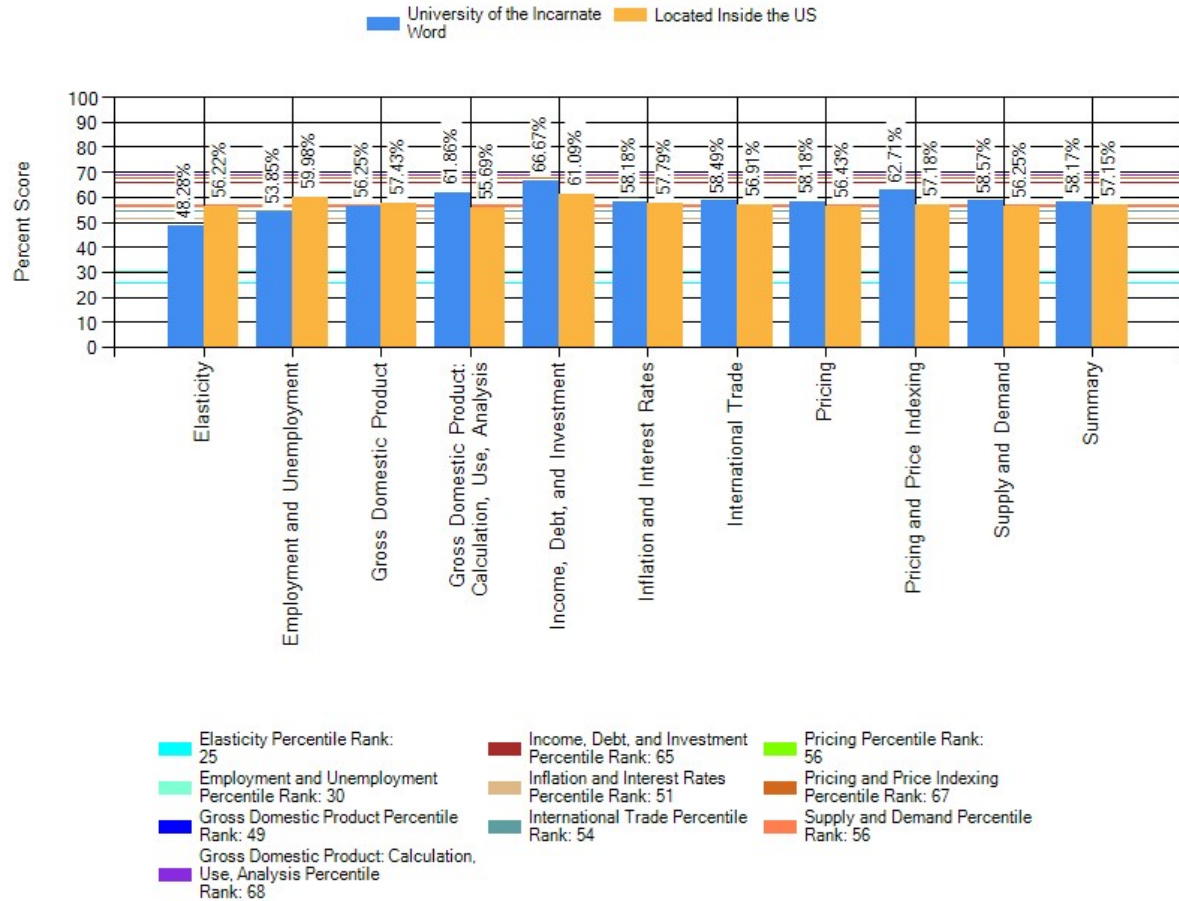# Outbound Exam Economics Result
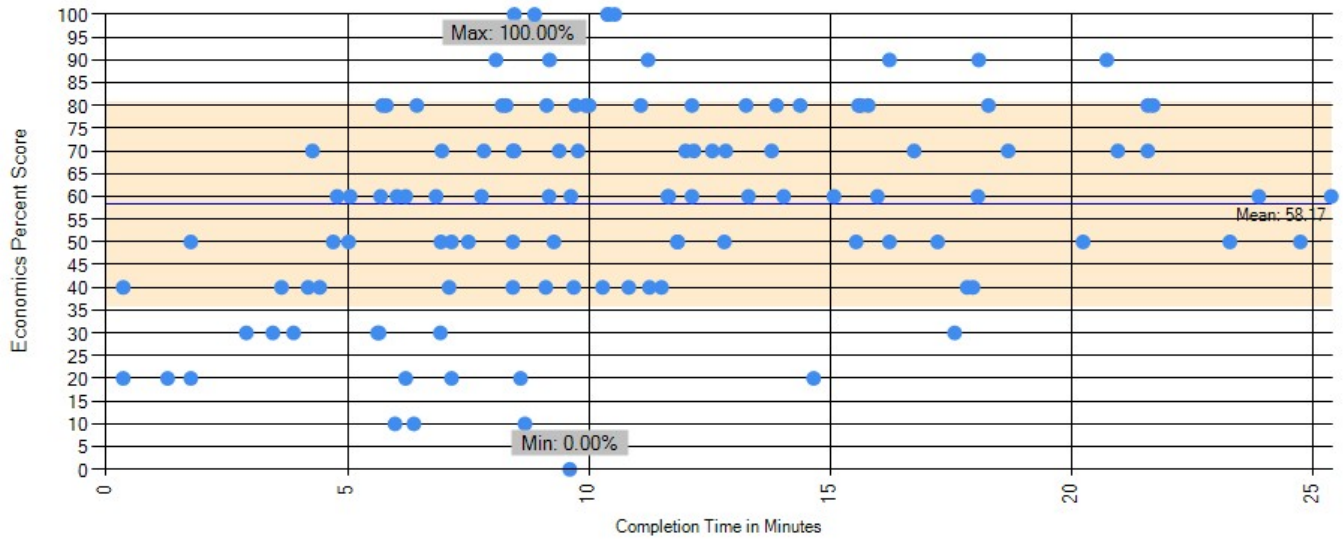
Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 10.82

Mean Score: 58.17%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 22.66

* Results are sorted by number of minutes taken to complete the topic.

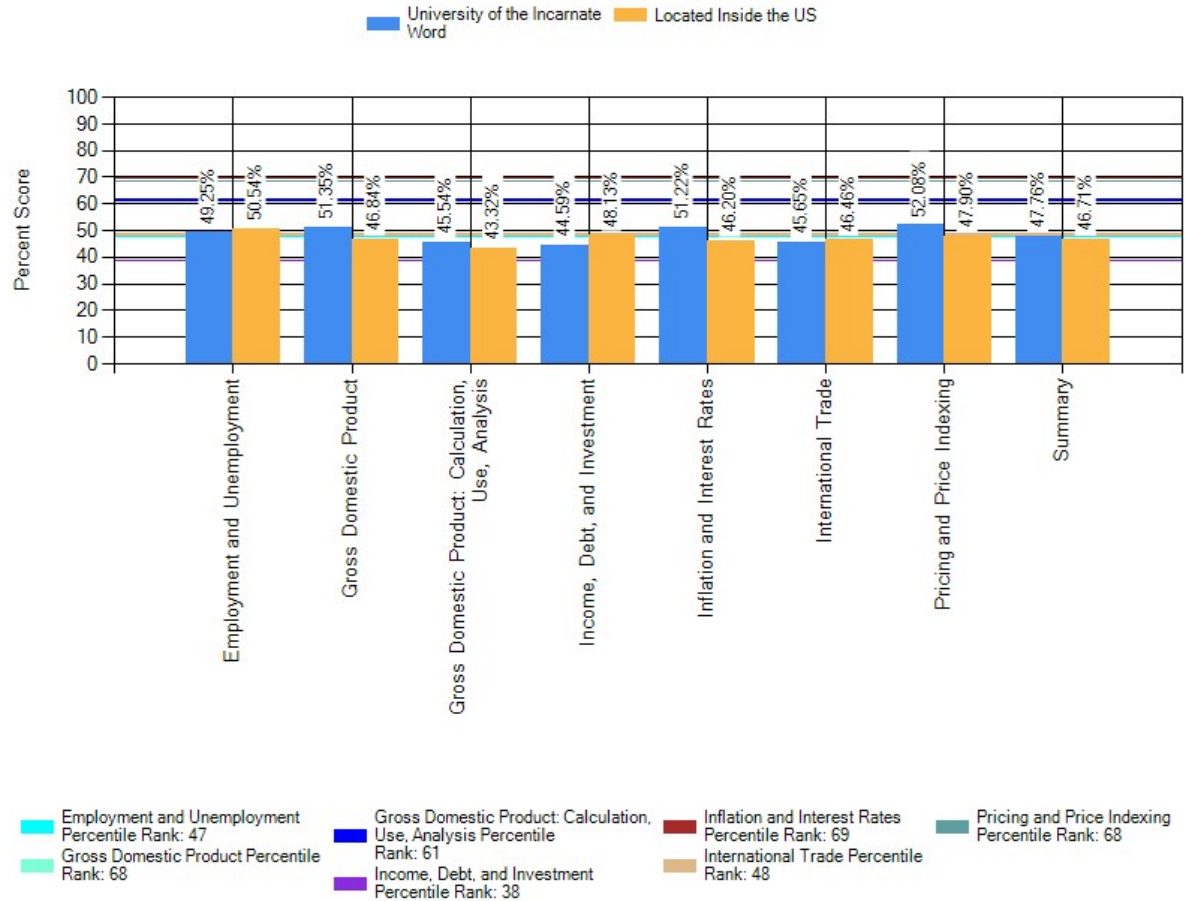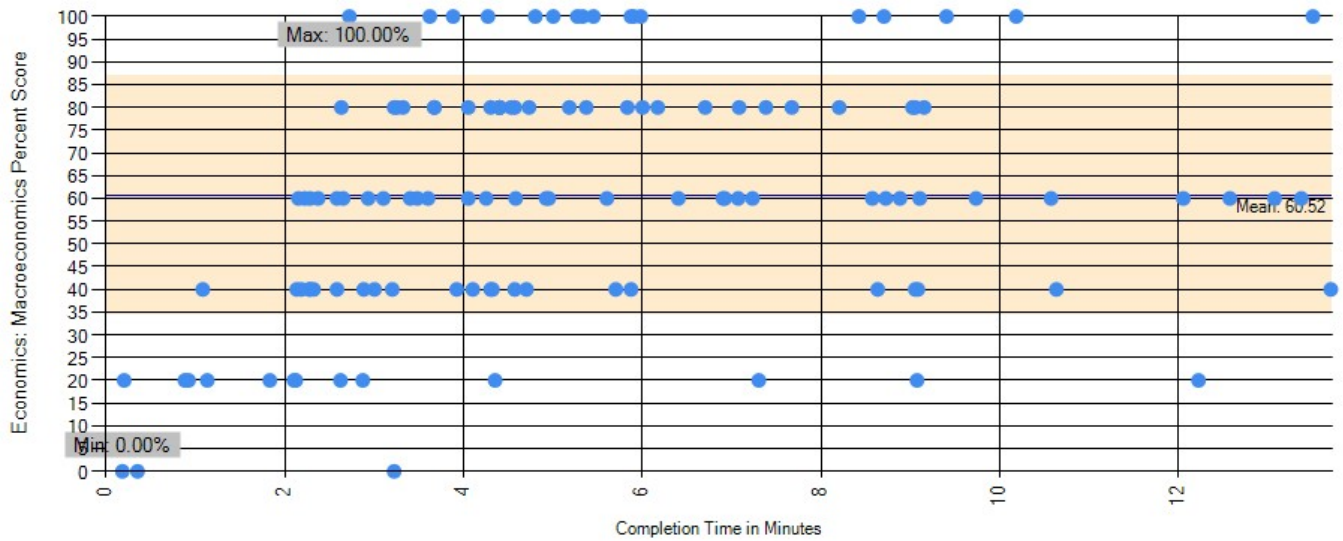# Economics Subject Score Comparison *Outbound Exam*

Frequency of Questions Offered on *Outbound* Exams

Economics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Elasticity	145	48.28%	60110	56.22%	*25	48.18%	54.55%	60.87%	68.69%
Employment and Unemployment	91	53.85%	40091	59.98%	*30	52.27%	58.54%	64.44%	71.84%
Gross Domestic Product	64	56.25%	12282	57.43%	*49	50.00%	55.00%	61.03%	69.75%
Gross Domestic Product: Calculation, Use, Analysis	118	61.86%	55333	55.69%	*68	47.06%	54.52%	60.47%	68.10%
Income, Debt, and Investment	135	66.67%	46843	61.09%	*65	53.16%	59.57%	65.96%	73.19%
Inflation and Interest Rates	55	58.18%	16760	57.79%	*51	48.63%	56.74%	62.86%	70.97%
International Trade	53	58.49%	16884	56.91%	*54	50.00%	55.26%	61.11%	68.42%
Pricing	220	58.18%	91413	56.43%	*56	49.12%	55.00%	61.02%	67.80%
Pricing and Price Indexing	59	62.71%	28622	57.18%	*67	50.00%	55.56%	61.54%	68.57%
Supply and Demand	210	58.57%	84206	56.25%	*56	48.08%	54.94%	61.11%	68.33%
Summary	**1150**	**58.17%**	**452544**	**57.15%**	**53**	**50.00%**	**55.77%**	**61.22%**	**67.64%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Economics: Macroeconomics Score Comparison
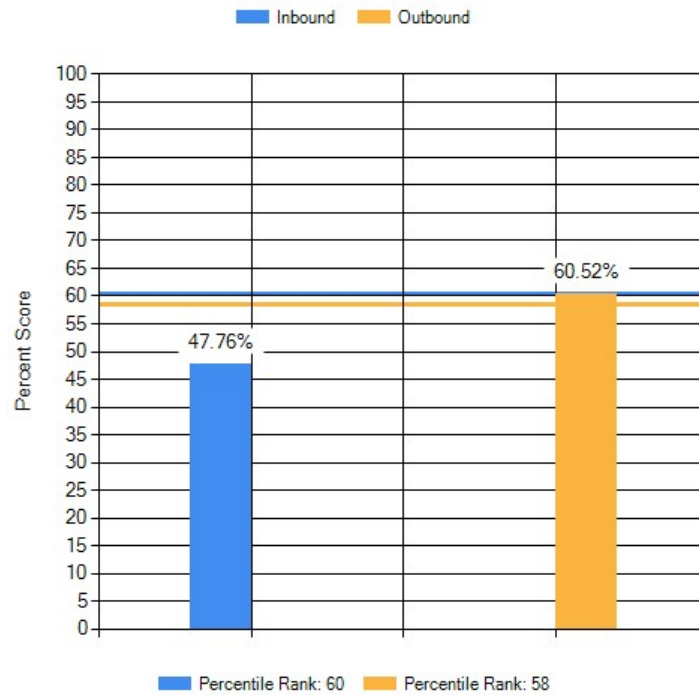
26.72% Percentage change from Inbound to Outbound

Sample Size: Inbound = 85, Outbound = 115

Mean Completion Time (mins): Inbound = 5.2, Outbound = 5.4

Economics: Macroeconomics Assessment Summary

Assessment Summary Statistics

Economics: Macroeconomics	Inbound	Outbound
Sample Size	85	115
Mean Score	47.76%	60.52%
Standard Deviation	27.27	26.29
Min Score	0%	0%
Max Score	100%	100%
Median Score	40%	60%
Mode	40%	60%

Inbound Exam Economics: Macroeconomics Result

Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 5.17

Mean Score: 47.76%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 27.27

* Results are sorted by number of minutes taken to complete the topic.

Economics: Macroeconomics Subject Score Comparison *Inbound Exam*

Frequency of Questions Offered on *Inbound* Exams

Economics: Macroeconomics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Employment and Unemployment	67	49.25%	20288	50.54%	*47	44.44%	48.82%	53.85%	60.92%
Gross Domestic Product	37	51.35%	6192	46.84%	*68	40.54%	45.73%	50.00%	56.76%
Gross Domestic Product: Calculation, Use, Analysis	112	45.54%	27604	43.32%	*61	36.59%	41.30%	46.51%	52.58%
Income, Debt, and Investment	74	44.59%	23678	48.13%	*38	41.46%	45.67%	51.16%	58.38%
Inflation and Interest Rates	41	51.22%	8297	46.20%	*69	38.96%	44.44%	50.00%	56.25%
International Trade	46	45.65%	8566	46.46%	*48	40.00%	45.16%	50.00%	56.67%
Pricing and Price Indexing	48	52.08%	14135	47.90%	*68	41.03%	45.95%	51.28%	58.68%
Summary	**425**	**47.76%**	**108760**	**46.71%**	**60**	**41.67%**	**45.33%**	**48.67%**	**53.90%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Outbound Exam Economics: Macroeconomics Result
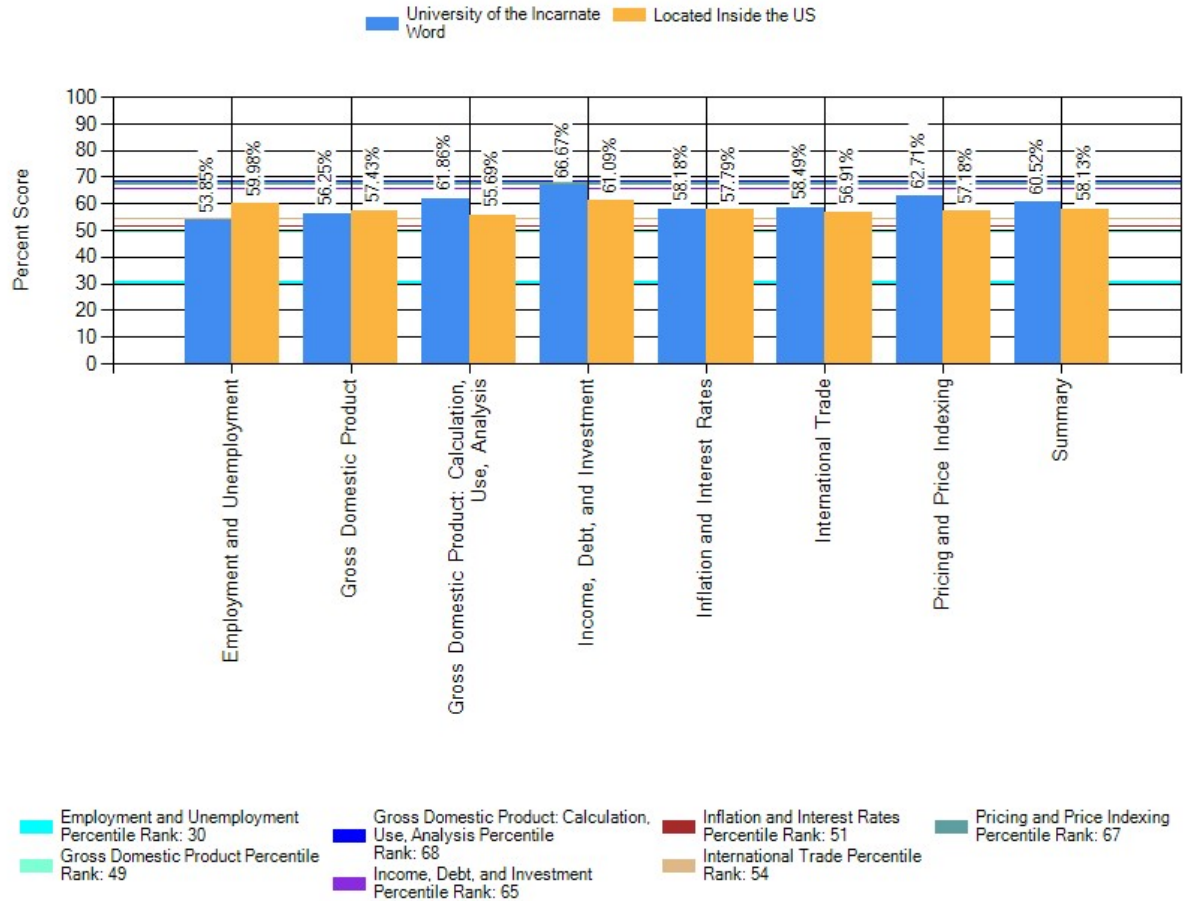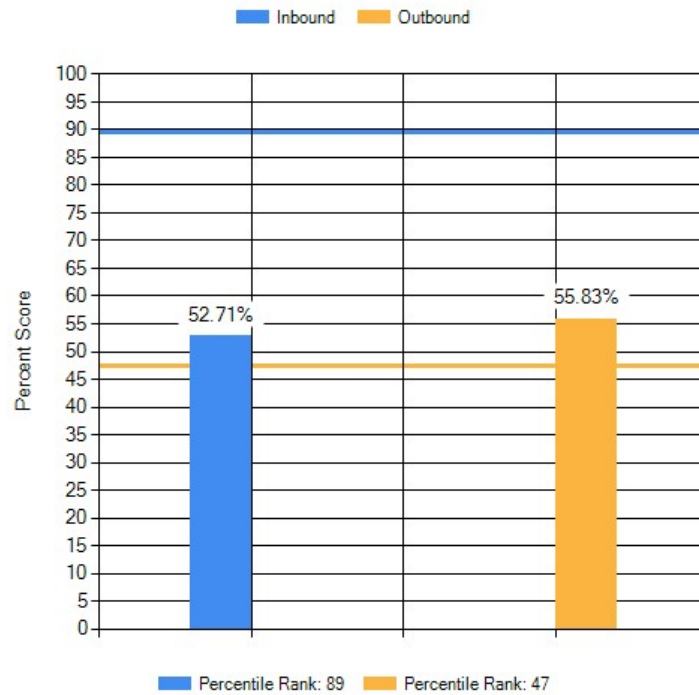

Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 5.40

Mean Score: 60.52%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 26.29

* Results are sorted by number of minutes taken to complete the topic.

Economics: Macroeconomics Subject Score Comparison *Outbound Exam*

Frequency of Questions Offered on *Outbound* Exams

Economics: Macroeconomics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Employment and Unemployment	91	53.85%	40091	59.98%	*30	52.27%	58.54%	64.44%	71.84%
Gross Domestic Product	64	56.25%	12282	57.43%	*49	50.00%	55.00%	61.03%	69.75%
Gross Domestic Product: Calculation, Use, Analysis	118	61.86%	55333	55.69%	*68	47.06%	54.52%	60.47%	68.10%
Income, Debt, and Investment	135	66.67%	46843	61.09%	*65	53.16%	59.57%	65.96%	73.19%
Inflation and Interest Rates	55	58.18%	16760	57.79%	*51	48.63%	56.74%	62.86%	70.97%
International Trade	53	58.49%	16884	56.91%	*54	50.00%	55.26%	61.11%	68.42%
Pricing and Price Indexing	59	62.71%	28622	57.18%	*67	50.00%	55.56%	61.54%	68.57%
Summary	575	60.52%	216815	58.13%	58	50.80%	56.72%	62.02%	68.67%

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Economics: Microeconomics Score Comparison

5.92% Percentage change from Inbound to Outbound
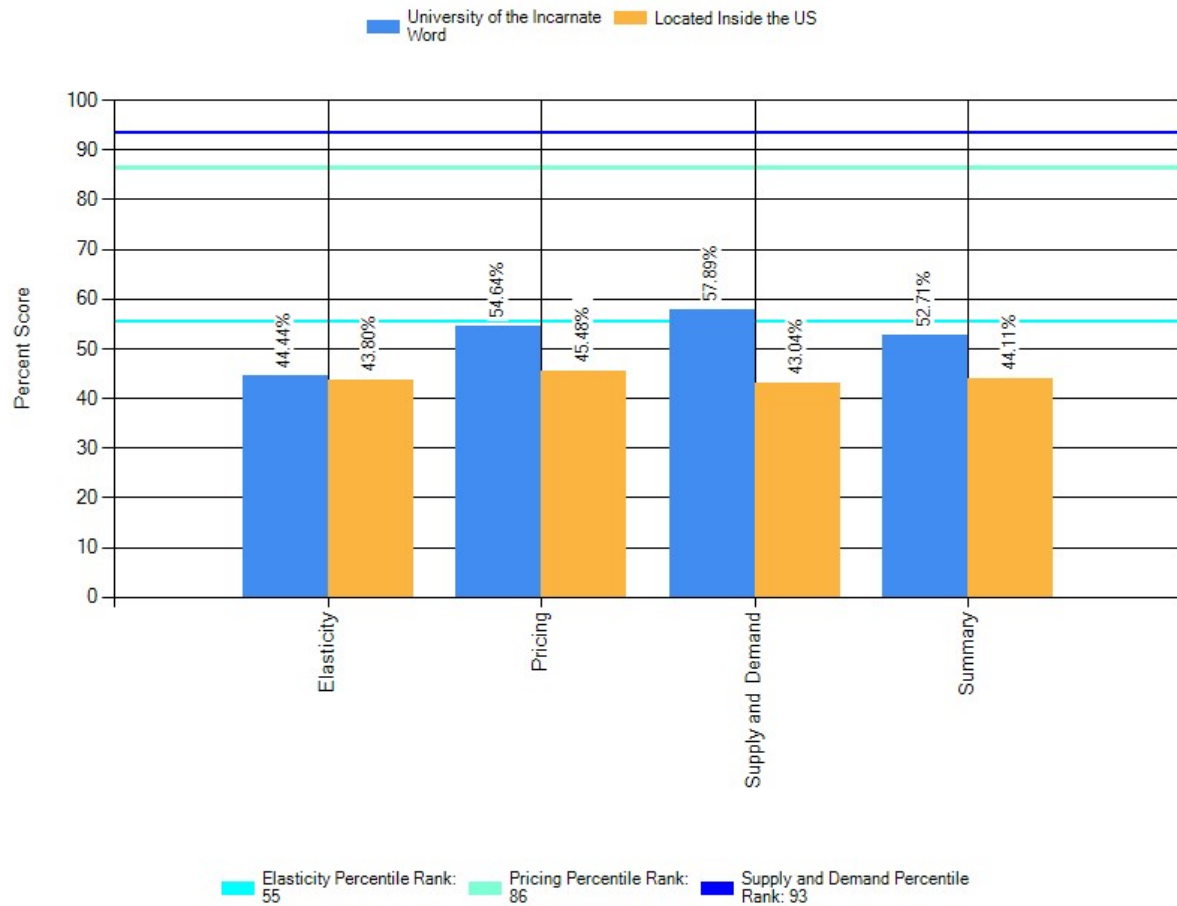Sample Size: Inbound = 85, Outbound = 115
Mean Completion Time (mins): Inbound = 5.1, Outbound = 5.4

Economics: Microeconomics Assessment Summary

Assessment Summary Statistics

Economics: Microeconomics	Inbound	Outbound
Sample Size	85	115
Mean Score	52.71%	55.83%
Standard Deviation	23.87	25.89
Min Score	0%	0%
Max Score	100%	100%
Median Score	60%	60%
Mode	40%	60%

Inbound Exam Economics: Microeconomics Result
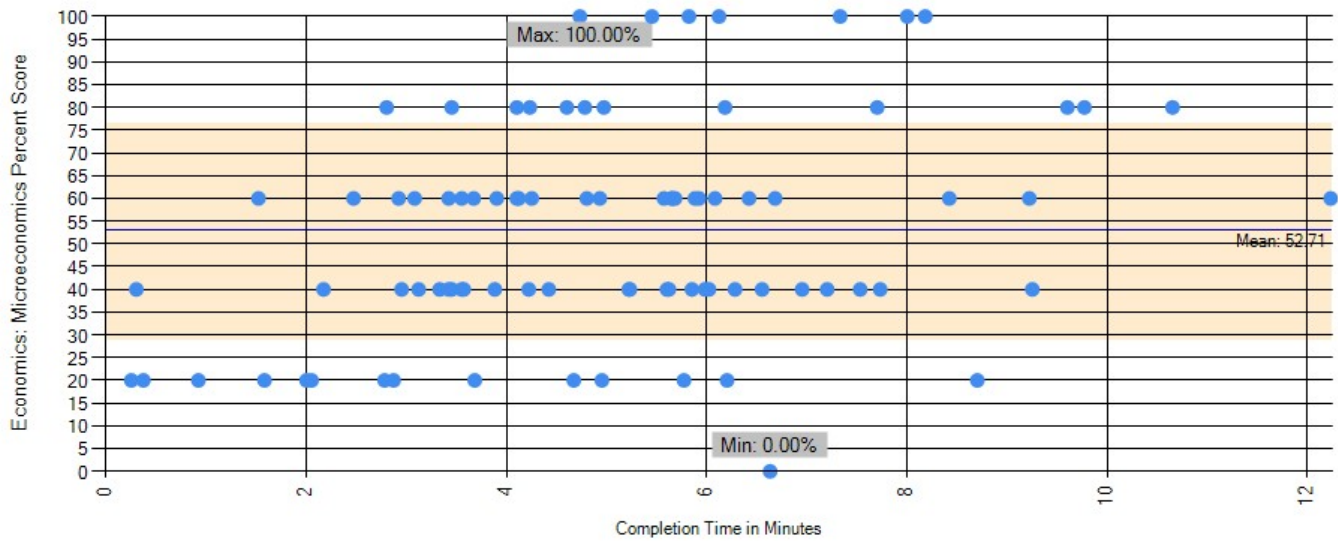
Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 5.08

Mean Score: 52.71%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 23.87

* Results are sorted by number of minutes taken to complete the topic.

Economics: Microeconomics Subject Score Comparison *Inbound Exam*

Legend:
- University of the Incarnate Word
- Located Inside the US

Elasticity Percentile Rank: 55
Pricing Percentile Rank: 86
Supply and Demand Percentile Rank: 93

Frequency of Questions Offered on *Inbound* Exams

Economics: Microeconomics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Elasticity	117	44.44%	27927	43.80%	*55	37.50%	42.19%	46.93%	52.95%
Pricing	194	54.64%	43081	45.48%	*86	39.59%	44.12%	48.33%	53.98%
Supply and Demand	114	57.89%	39762	43.04%	*93	36.36%	41.27%	45.76%	51.92%
Summary	**425**	**52.71%**	**110770**	**44.11%**	**89**	**39.30%**	**42.67%**	**46.00%**	**51.09%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Outbound Exam Economics: Microeconomics Result
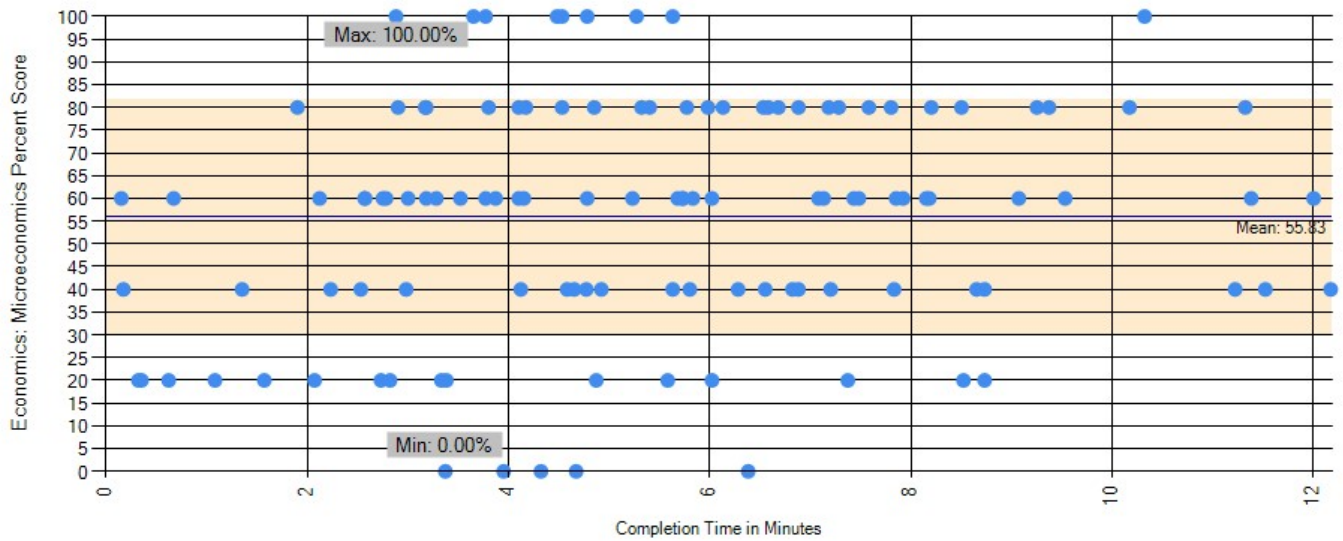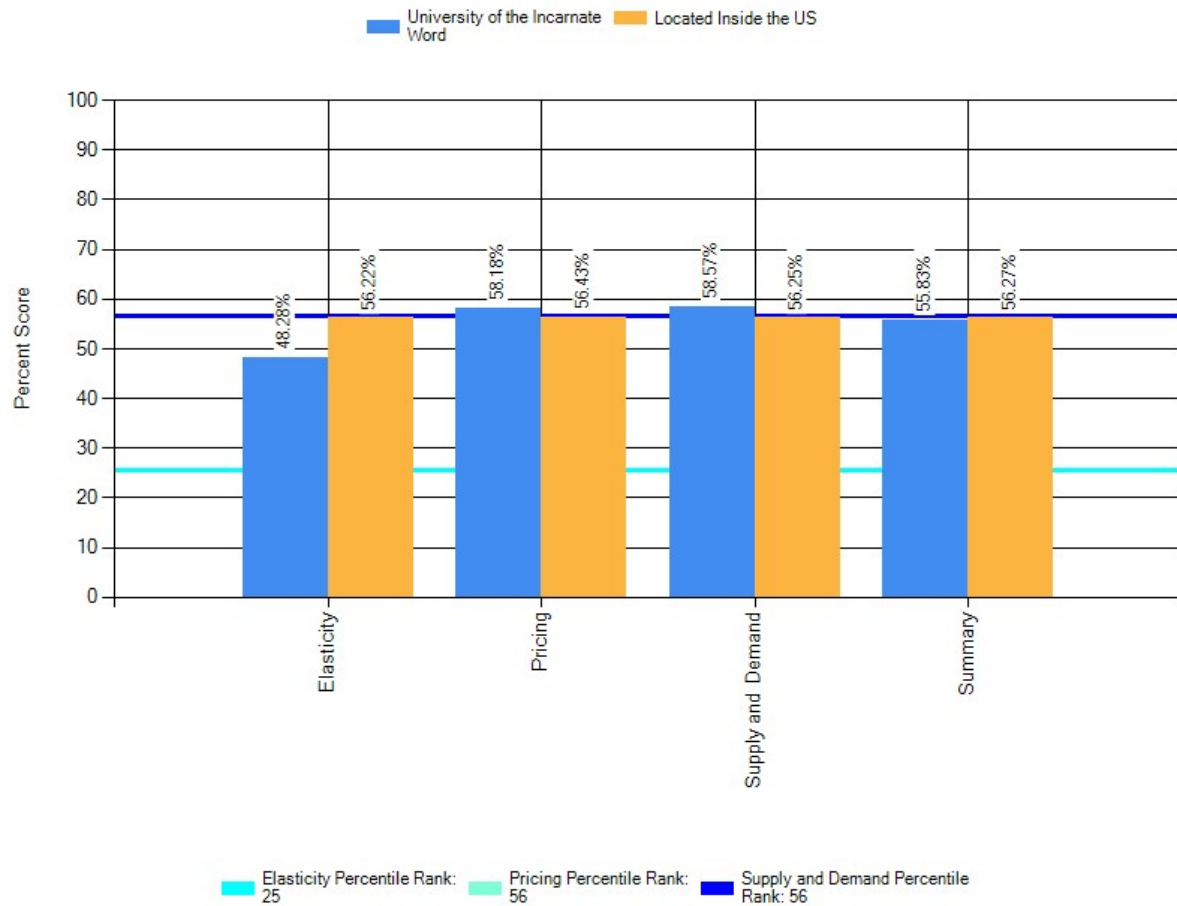

Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 5.43

Mean Score: 55.83%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 25.89

* Results are sorted by number of minutes taken to complete the topic.

# Economics: Microeconomics Subject Score Comparison *Outbound Exam*

Frequency of Questions Offered on *Outbound* Exams

Economics: Microeconomics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Elasticity	145	48.28%	60110	56.22%	*25	48.18%	54.55%	60.87%	68.69%
Pricing	220	58.18%	91413	56.43%	*56	49.12%	55.00%	61.02%	67.80%
Supply and Demand	210	58.57%	84206	56.25%	*56	48.08%	54.94%	61.11%	68.33%
Summary	575	55.83%	235729	56.27%	47	48.84%	54.74%	60.45%	66.92%

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Global Dimensions of Business Score Comparison
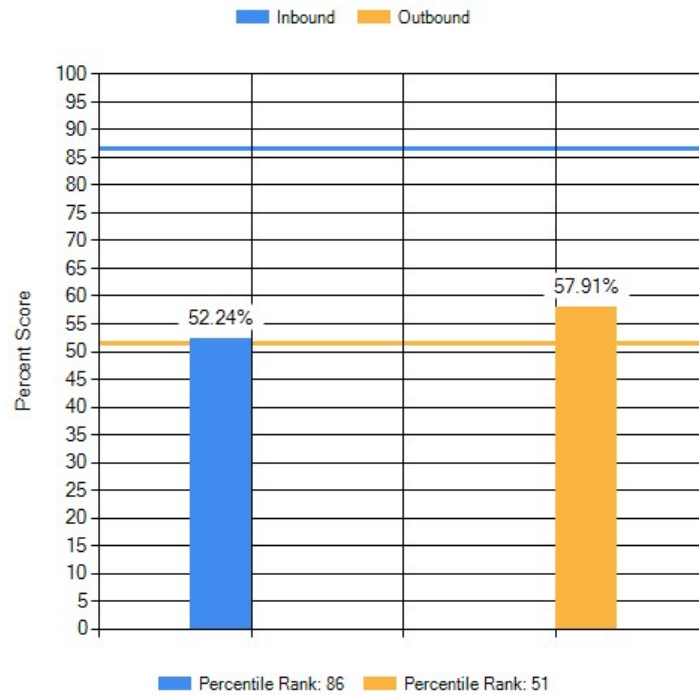
10.85% Percentage change from Inbound to Outbound
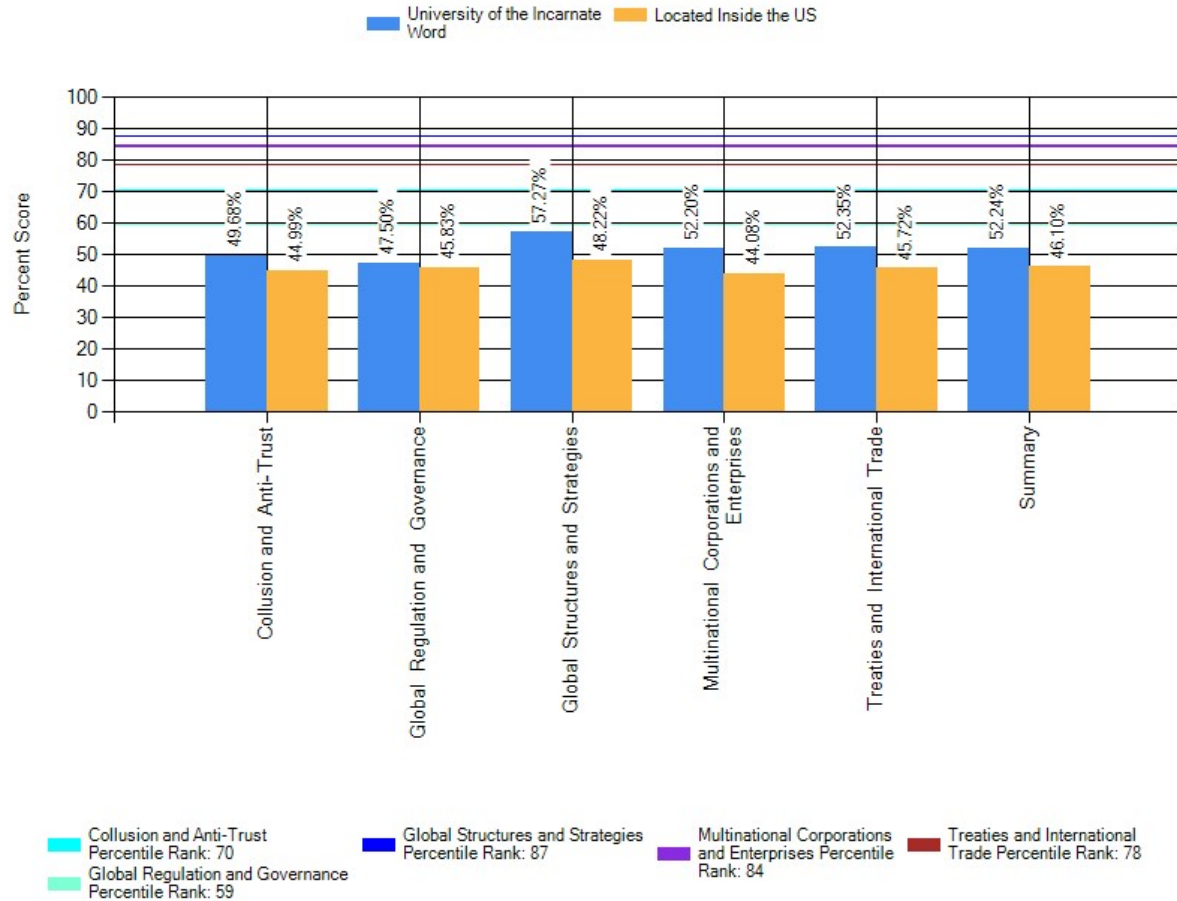
Sample Size: Inbound = 85, Outbound = 115

Mean Completion Time (mins): Inbound = 9.1, Outbound = 10.2

Global Dimensions of Business Assessment Summary

Assessment Summary Statistics

Global Dimensions of Business	Inbound	Outbound
Sample Size	85	115
Mean Score	52.24%	57.91%
Standard Deviation	19.96	21.98
Min Score	10%	0%
Max Score	90%	100%
Median Score	50%	60%
Mode	40%	60%

Inbound Exam Global Dimensions of Business Result
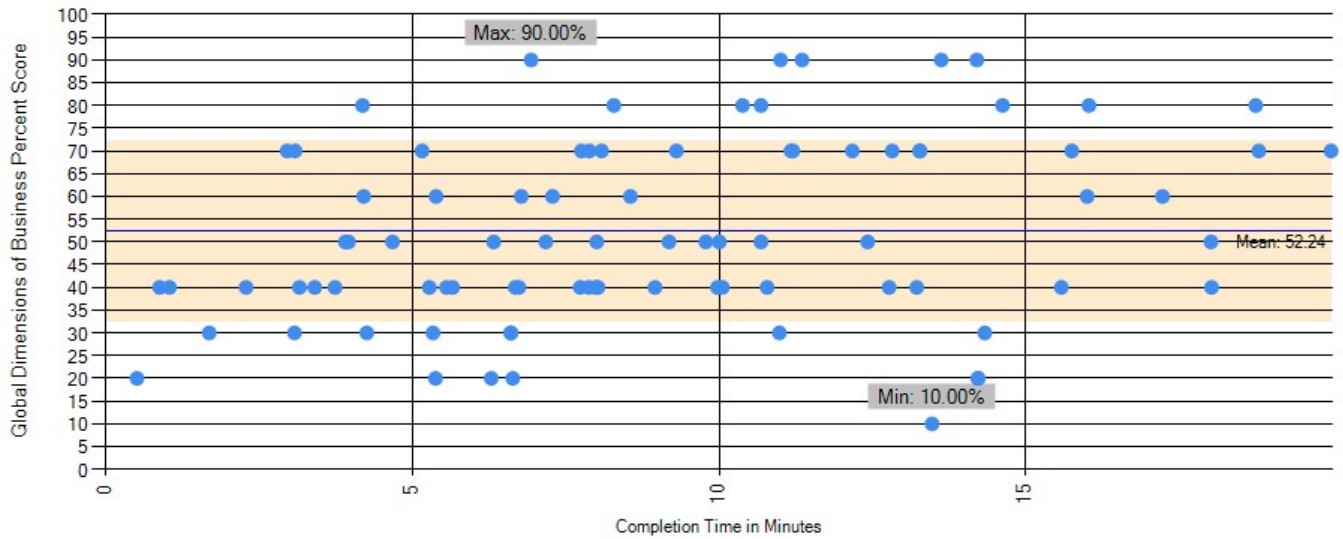
Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 9.07

Mean Score: 52.24%, Max Score: 90.00%, Min Score: 10.00%

Standard Deviation: 19.96

* Results are sorted by number of minutes taken to complete the topic.

Global Dimensions of Business Subject Score Comparison *Inbound Exam*


Legend:
- University of the Incarnate Word
- Located Inside the US

Percentile Rank legend:
- Collusion and Anti-Trust Percentile Rank: 70
- Global Regulation and Governance Percentile Rank: 59
- Global Structures and Strategies Percentile Rank: 87
- Multinational Corporations and Enterprises Percentile Rank: 84
- Treaties and International Trade Percentile Rank: 78

Frequency of Questions Offered on *Inbound* Exams

Global Dimensions of Business	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Collusion and Anti-Trust	155	49.68%	47055	44.99%	*70	39.13%	43.75%	48.21%	54.10%
Global Regulation and Governance	160	47.50%	44571	45.83%	*59	40.00%	44.44%	48.69%	54.55%
Global Structures and Strategies	227	57.27%	80205	48.22%	*87	42.86%	46.99%	50.65%	56.32%
Multinational Corporations and Enterprises	159	52.20%	39743	44.08%	*84	38.33%	42.86%	46.97%	52.38%
Treaties and International Trade	149	52.35%	35434	45.72%	*78	40.00%	44.48%	48.72%	54.40%
Summary	**850**	**52.24%**	**247008**	**46.10%**	**86**	**42.16%**	**45.15%**	**48.00%**	**51.67%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

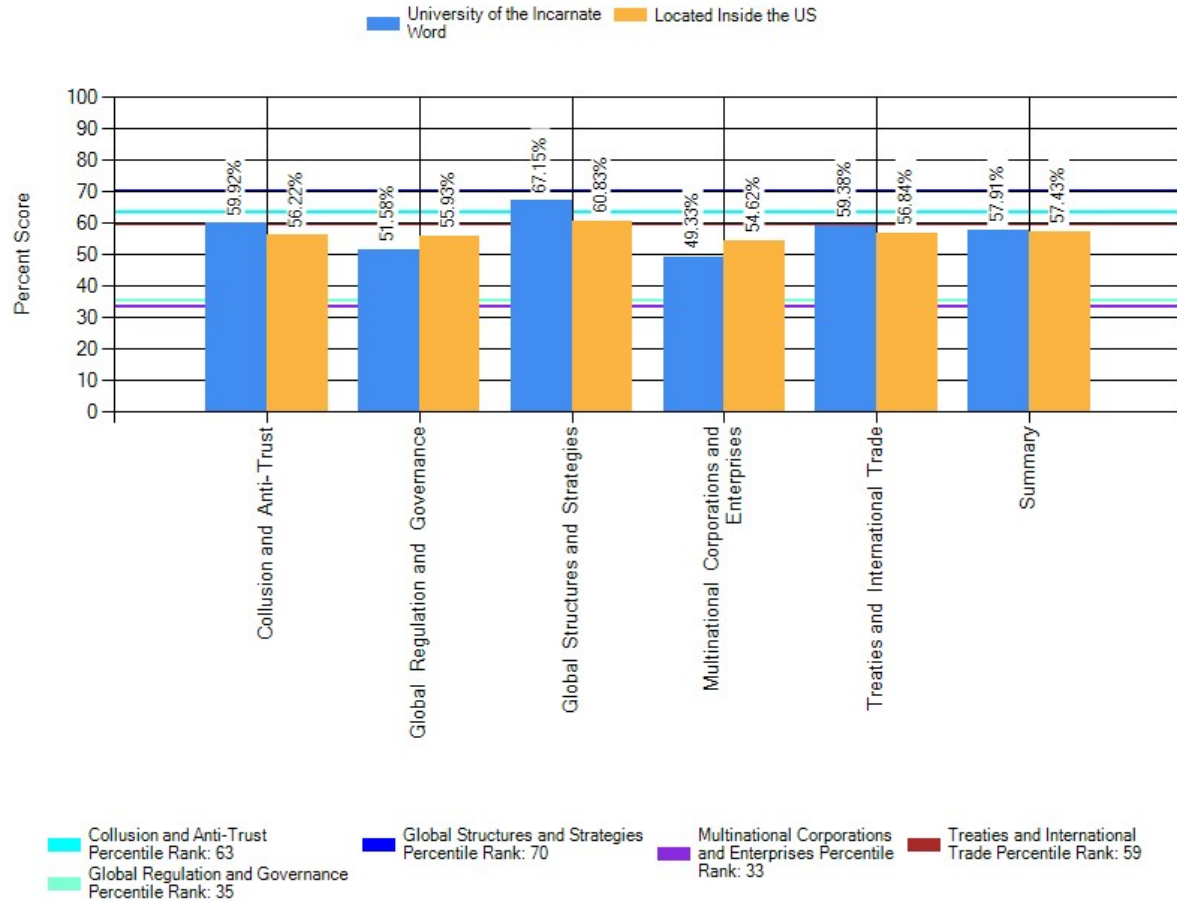# Outbound Exam Global Dimensions of Business Result
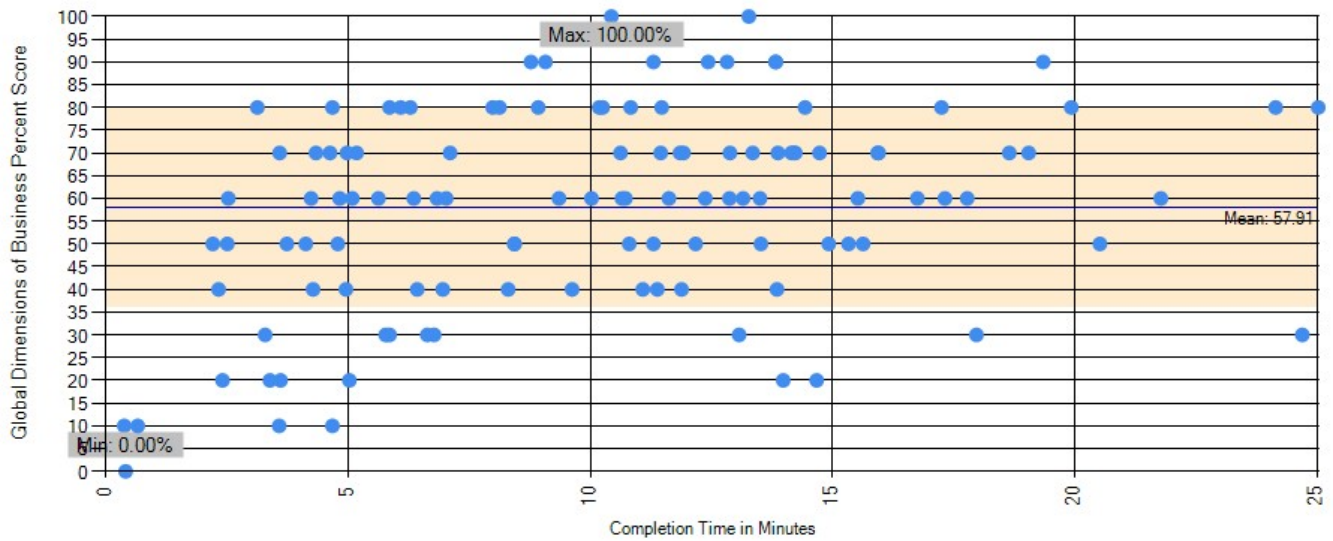
Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 10.22

Mean Score: 57.91%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 21.98

* Results are sorted by number of minutes taken to complete the topic.

## Global Dimensions of Business Subject Score Comparison *Outbound Exam*

Legend:
- University of the Incarnate Word
- Located Inside the US

- Collusion and Anti-Trust Percentile Rank: 63
- Global Structures and Strategies Percentile Rank: 70
- Multinational Corporations and Enterprises Percentile Rank: 33
- Treaties and International Trade Percentile Rank: 59
- Global Regulation and Governance Percentile Rank: 35

Frequency of Questions Offered on *Outbound* Exams

Global Dimensions of Business	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Collusion and Anti-Trust	237	59.92%	77684	56.22%	*63	49.21%	55.00%	60.00%	66.67%
Global Regulation and Governance	221	51.58%	73958	55.93%	*35	48.08%	54.61%	60.29%	67.77%
Global Structures and Strategies	277	67.15%	133067	60.83%	*70	53.46%	59.43%	65.38%	72.02%
Multinational Corporations and Enterprises	223	49.33%	66348	54.62%	*33	46.88%	52.50%	58.42%	66.67%
Treaties and International Trade	192	59.38%	60160	56.84%	*59	50.00%	55.36%	61.08%	68.16%
Summary	**1150**	**57.91%**	**411217**	**57.43%**	**51**	**50.78%**	**56.00%**	**61.11%**	**67.00%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Management Score Comparison
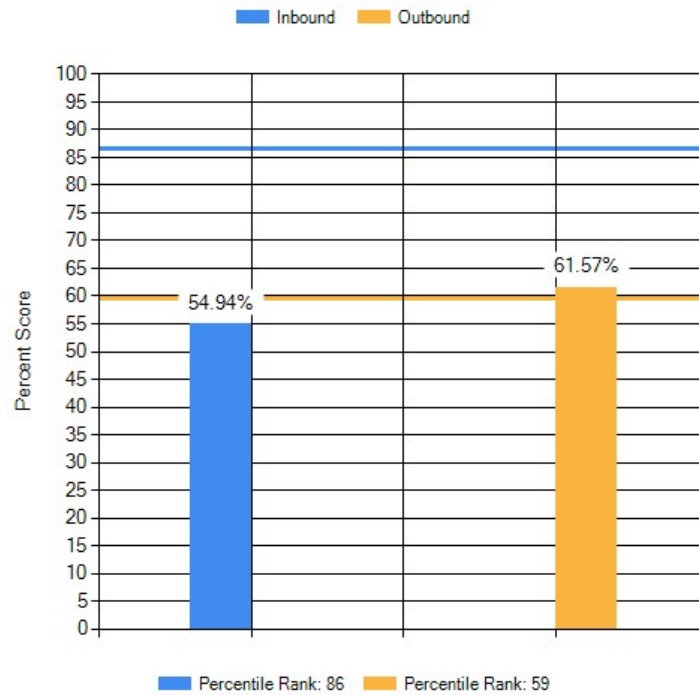
12.07% Percentage change from Inbound to Outbound
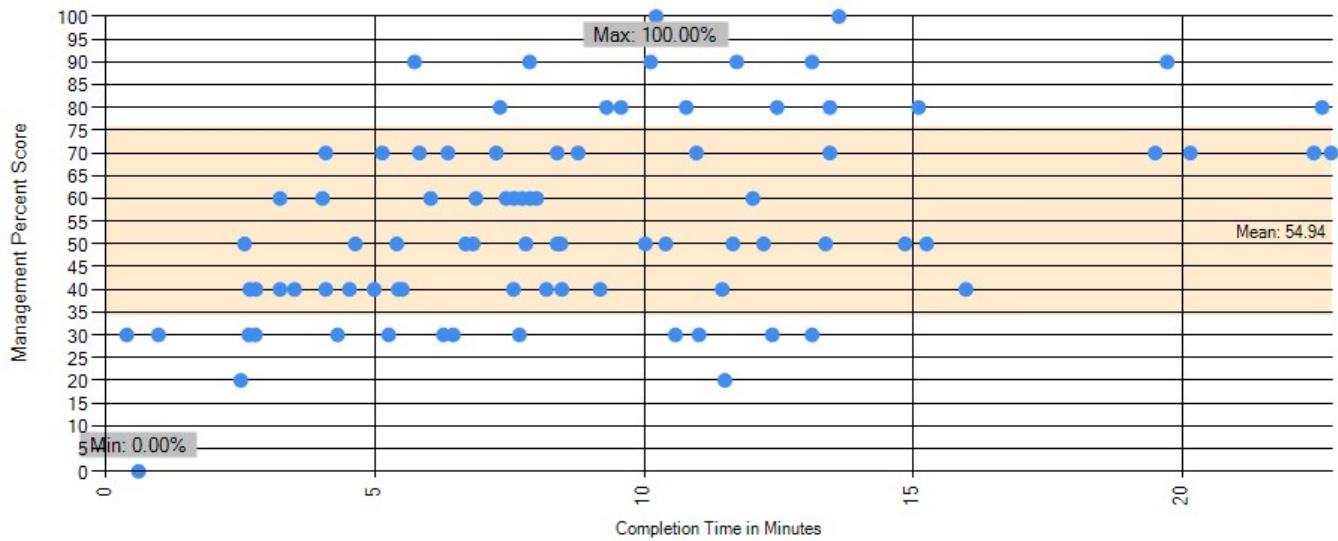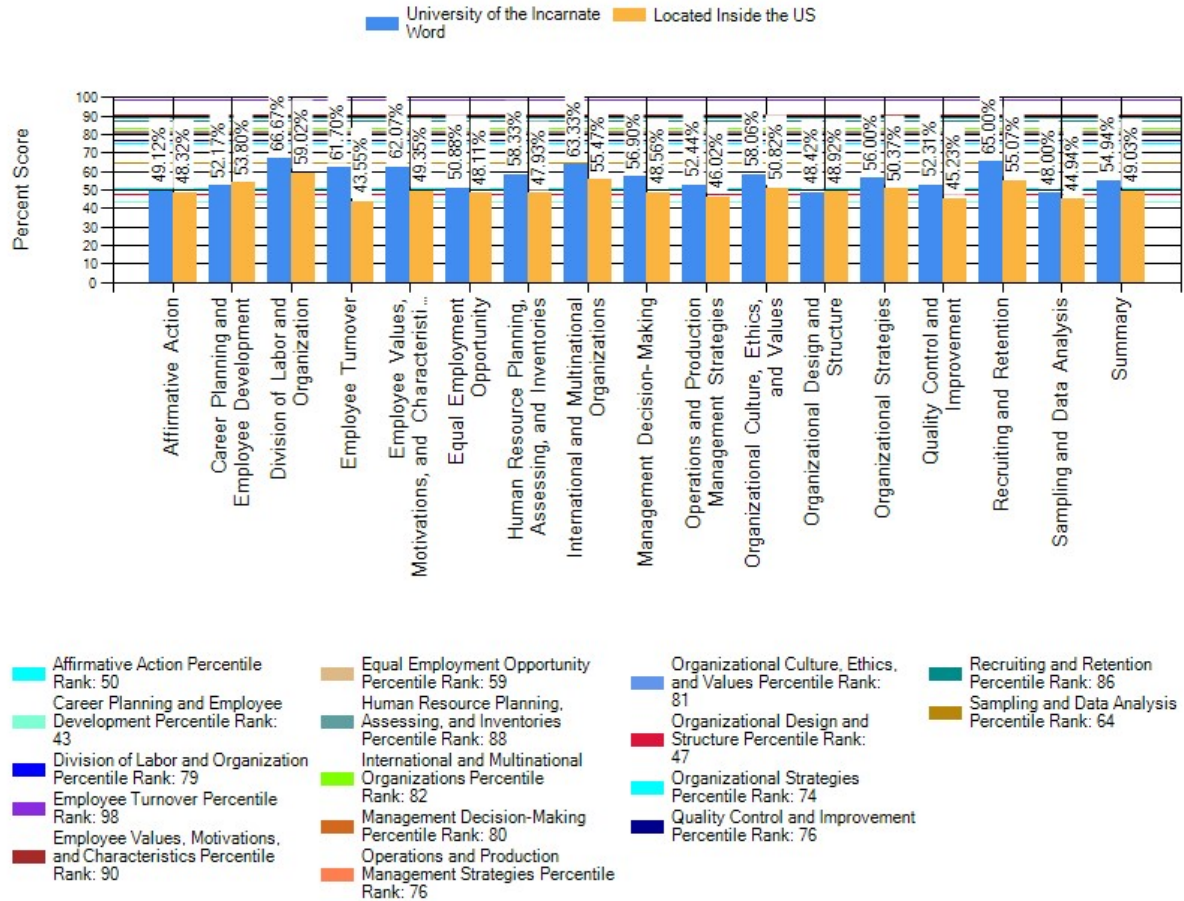
Sample Size: Inbound = 85, Outbound = 115

Mean Completion Time (mins): Inbound = 8.9, Outbound = 10.4

Management Assessment Summary

Assessment Summary Statistics

Management	Inbound	Outbound
Sample Size	85	115
Mean Score	54.94%	61.57%
Standard Deviation	20.97	19.76
Min Score	0%	0%
Max Score	100%	100%
Median Score	50%	70%
Mode	40%	70%

Inbound Exam Management Result

Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 8.87

Mean Score: 54.94%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 20.97

* Results are sorted by number of minutes taken to complete the topic.

Management Subject Score Comparison *Inbound Exam*

Frequency of Questions Offered on *Inbound* Exams

Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Affirmative Action	57	49.12%	14353	48.32%	*50	42.86%	47.58%	52.27%	57.58%
Career Planning and Employee Development	46	52.17%	15006	53.80%	*43	47.37%	52.63%	57.58%	63.16%
Division of Labor and Organization	33	66.67%	6603	59.02%	*79	52.78%	57.58%	62.66%	67.78%
Employee Turnover	47	61.70%	17213	43.55%	*98	37.50%	42.42%	47.06%	52.74%
Employee Values, Motivations, and Characteristics	29	62.07%	12248	49.35%	*90	42.86%	47.22%	52.78%	59.46%
Equal Employment Opportunity	57	50.88%	15181	48.11%	*59	41.67%	47.20%	51.55%	57.50%
Human Resource Planning, Assessing, and Inventories	60	58.33%	27220	47.93%	*88	41.52%	47.22%	51.37%	57.14%
International and Multinational Organizations	30	63.33%	8224	55.47%	*82	48.48%	54.55%	59.38%	64.52%
Management Decision-Making	58	56.90%	18619	48.56%	*80	42.11%	47.22%	52.63%	58.14%
Operations and Production Management Strategies	82	52.44%	27412	46.02%	*76	39.53%	44.19%	48.84%	55.56%
Organizational Culture, Ethics, and Values	31	58.06%	8985	50.82%	*81	45.45%	50.00%	54.55%	59.38%
Organizational Design and Structure	95	48.42%	22217	48.92%	*47	42.59%	47.50%	52.50%	57.89%
Organizational Strategies	25	56.00%	11191	50.37%	*74	44.44%	48.65%	53.40%	60.00%
Quality Control and Improvement	65	52.31%	13679	45.23%	*76	37.84%	43.33%	48.67%	55.56%
Recruiting and Retention	60	65.00%	19173	55.07%	*86	48.78%	54.03%	58.82%	64.27%
Sampling and Data Analysis	75	48.00%	17479	44.94%	*64	38.24%	43.42%	48.57%	54.29%
Summary	**850**	**54.94%**	**254803**	**49.03%**	**86**	**45.39%**	**47.97%**	**50.67%**	**54.61%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

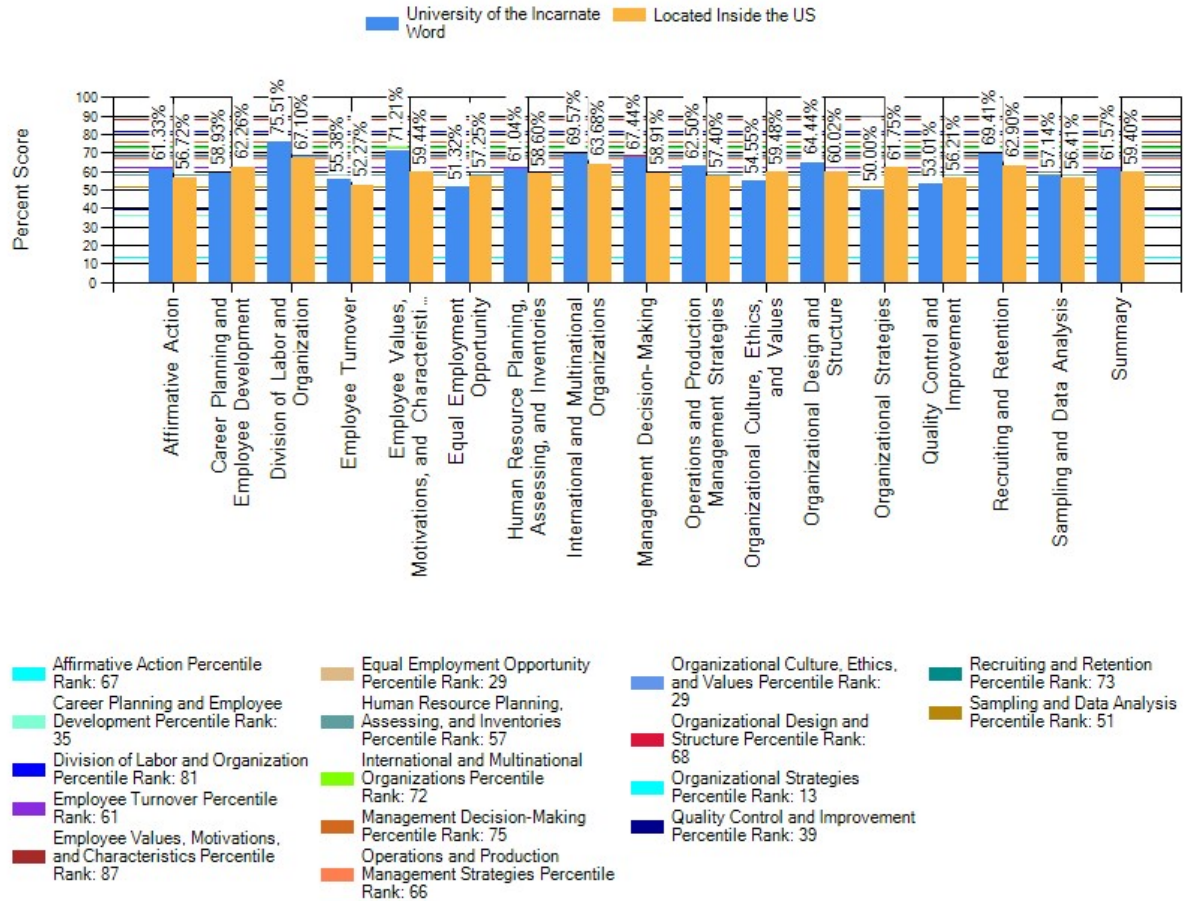# Outbound Exam Management Result
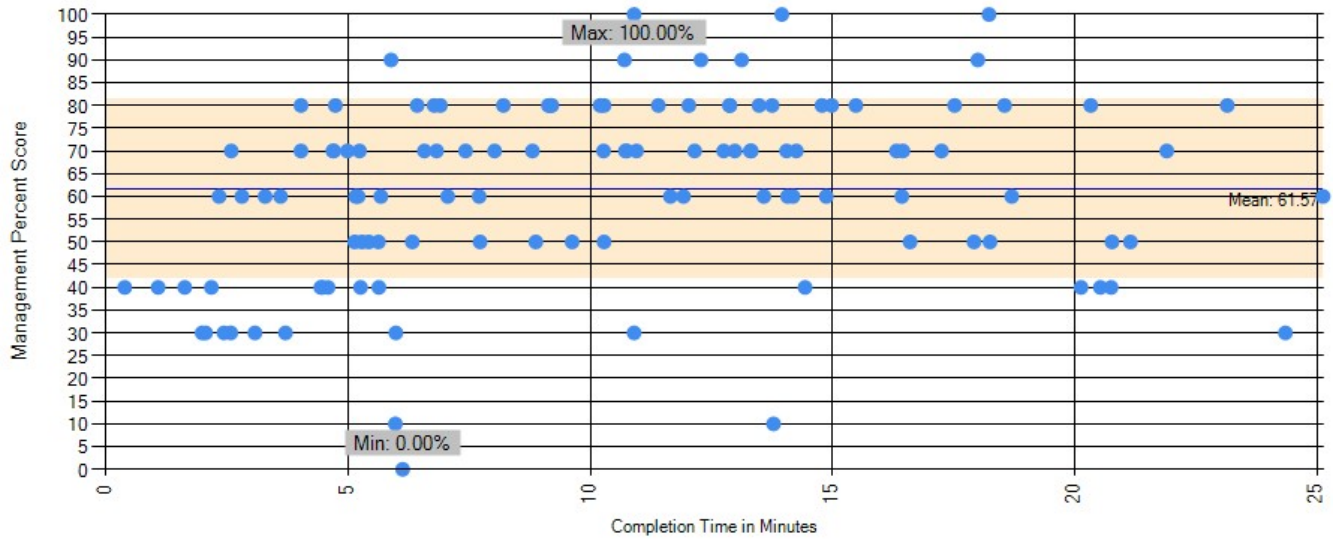
Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 10.35

Mean Score: 61.57%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 19.76

* Results are sorted by number of minutes taken to complete the topic.

# Management Subject Score Comparison *Outbound Exam*

Frequency of Questions Offered on *Outbound* Exams

Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Affirmative Action	75	61.33%	23407	56.72%	*67	50.00%	55.88%	60.98%	67.50%
Career Planning and Employee Development	56	58.93%	40954	62.26%	*35	55.56%	61.11%	66.10%	72.97%
Division of Labor and Organization	49	75.51%	18432	67.10%	*81	60.50%	66.67%	71.18%	77.14%
Employee Turnover	65	55.38%	28377	52.27%	*61	44.74%	51.10%	56.25%	64.10%
Employee Values, Motivations, and Characteristics	66	71.21%	32585	59.44%	*87	52.13%	58.33%	63.64%	70.28%
Equal Employment Opportunity	76	51.32%	24438	57.25%	*29	50.00%	55.49%	60.61%	69.44%
Human Resource Planning, Assessing, and Inventories	77	61.04%	43653	58.60%	*57	51.22%	57.50%	63.00%	70.27%
International and Multinational Organizations	46	69.57%	22654	63.68%	*72	57.58%	62.50%	67.65%	73.78%
Management Decision-Making	86	67.44%	38695	58.91%	*75	51.28%	57.42%	63.64%	70.27%
Operations and Production Management Strategies	128	62.50%	54665	57.40%	*66	48.94%	55.59%	62.22%	69.77%
Organizational Culture, Ethics, and Values	44	54.55%	24701	59.48%	*29	52.94%	58.08%	63.64%	69.52%
Organizational Design and Structure	90	64.44%	60868	60.02%	*68	53.85%	58.82%	63.64%	69.76%
Organizational Strategies	40	50.00%	29405	61.75%	*13	55.08%	60.42%	65.71%	71.97%
Quality Control and Improvement	83	53.01%	28358	56.21%	*39	48.65%	54.61%	60.98%	69.23%
Recruiting and Retention	85	69.41%	30873	62.90%	*73	55.91%	62.16%	67.50%	72.97%
Sampling and Data Analysis	84	57.14%	35267	56.41%	*51	47.51%	54.55%	62.25%	68.75%
Summary	**1150**	**61.57%**	**537332**	**59.40%**	**59**	**54.20%**	**58.33%**	**62.67%**	**67.93%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Management: Human Resource Management Score Comparison
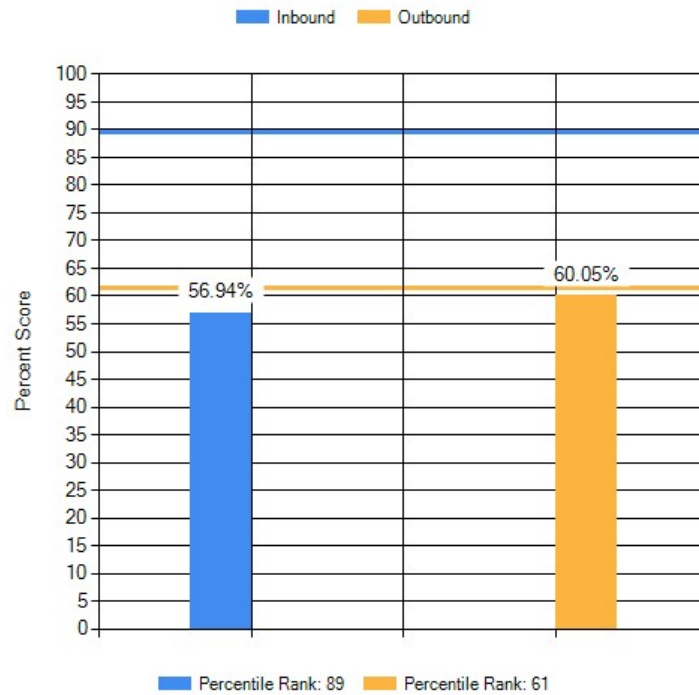
5.46% Percentage change from Inbound to Outbound
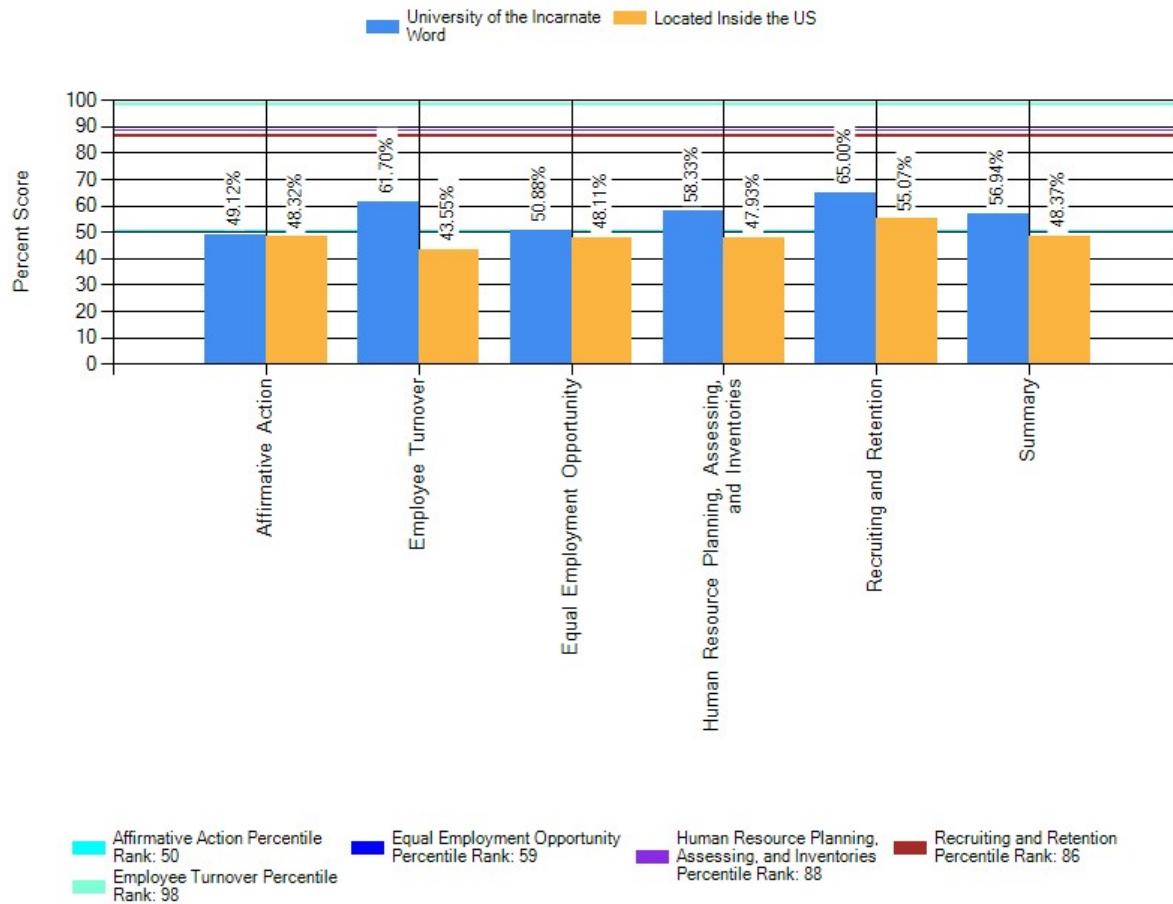
Sample Size: Inbound = 85, Outbound = 115

Mean Completion Time (mins): Inbound = 3, Outbound = 3.4

Management: Human Resource Management Assessment Summary

Assessment Summary Statistics

Management: Human Resource Management	Inbound	Outbound
Sample Size	85	115
Mean Score	56.94%	60.05%
Standard Deviation	30.11	28.08
Min Score	0%	0%
Max Score	100%	100%
Median Score	67%	67%
Mode	67%	67%

Inbound Exam Management: Human Resource Management Result
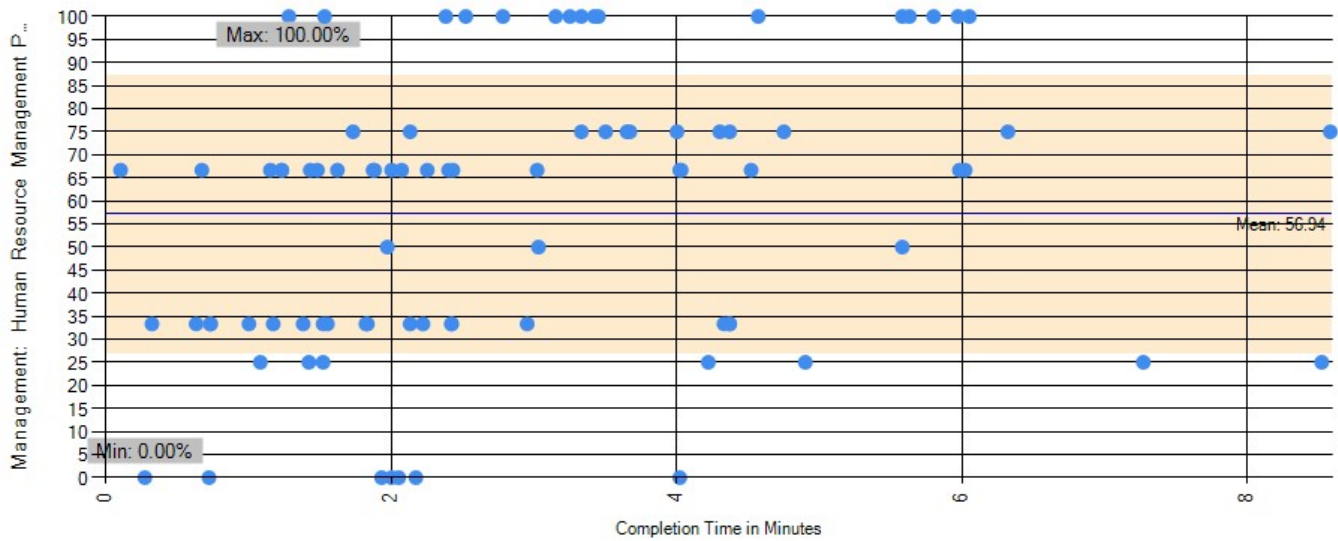
Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 2.98

Mean Score: 56.94%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 30.11

* Results are sorted by number of minutes taken to complete the topic.

Management: Human Resource Management Subject Score Comparison *Inbound Exam*
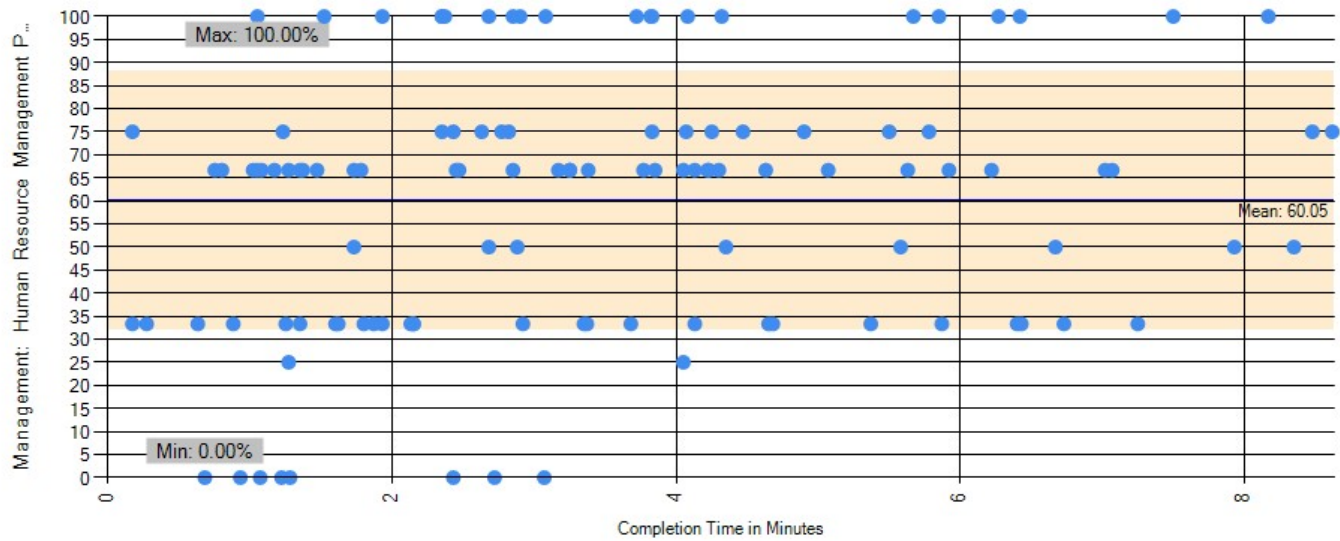

Frequency of Questions Offered on *Inbound* Exams

Management: Human Resource Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Affirmative Action	57	49.12%	14353	48.32%	*50	42.86%	47.58%	52.27%	57.58%
Employee Turnover	47	61.70%	17213	43.55%	*98	37.50%	42.42%	47.06%	52.74%
Equal Employment Opportunity	57	50.88%	15181	48.11%	*59	41.67%	47.20%	51.55%	57.50%
Human Resource Planning, Assessing, and Inventories	60	58.33%	27220	47.93%	*88	41.52%	47.22%	51.37%	57.14%
Recruiting and Retention	60	65.00%	19173	55.07%	*86	48.78%	54.03%	58.82%	64.27%
Summary	**281**	**56.94%**	**93140**	**48.37%**	**89**	**43.75%**	**47.67%**	**50.81%**	**55.13%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Outbound Exam Management: Human Resource Management Result
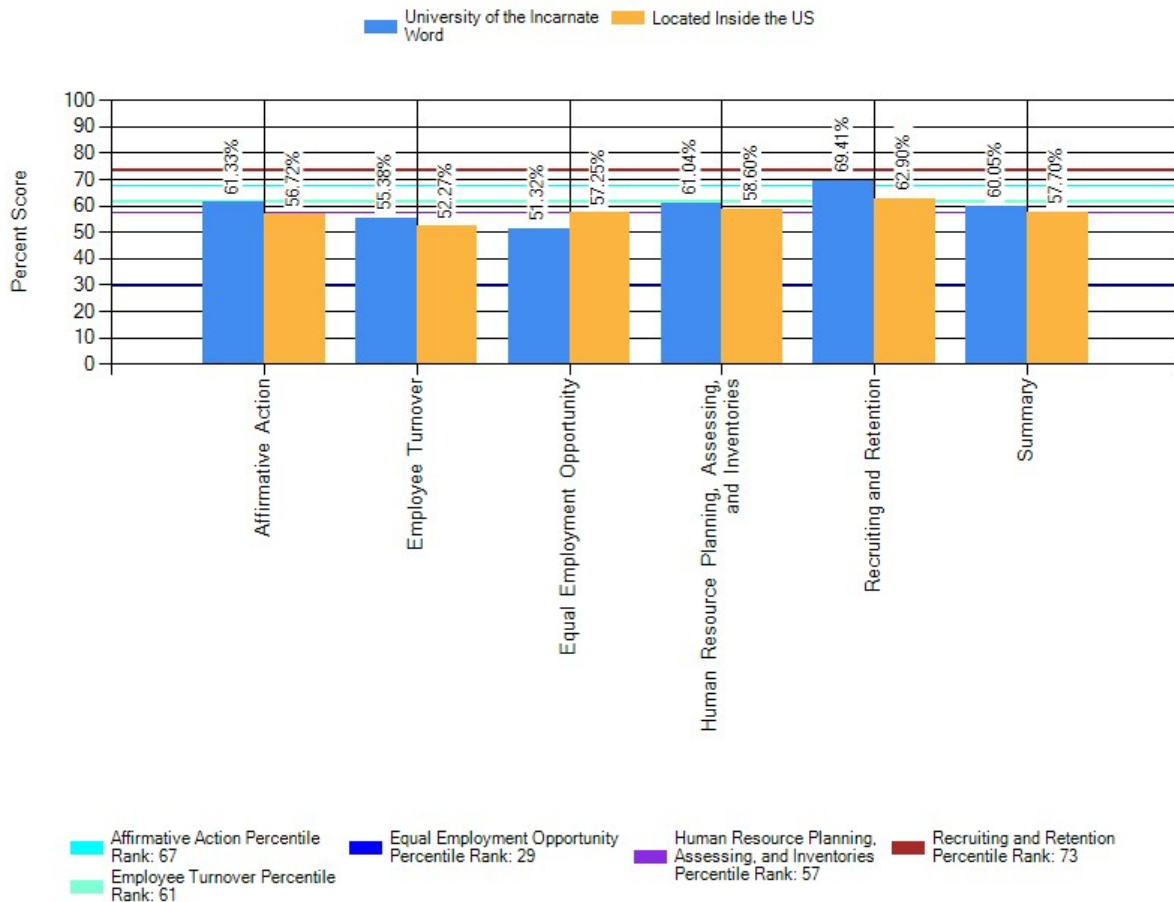

Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 3.45

Mean Score: 60.05%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 28.08

* Results are sorted by number of minutes taken to complete the topic.

Management: Human Resource Management Subject Score Comparison *Outbound Exam*


Frequency of Questions Offered on *Outbound* Exams

Management: Human Resource Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Affirmative Action	75	61.33%	23407	56.72%	*67	50.00%	55.88%	60.98%	67.50%
Employee Turnover	65	55.38%	28377	52.27%	*61	44.74%	51.10%	56.25%	64.10%
Equal Employment Opportunity	76	51.32%	24438	57.25%	*29	50.00%	55.49%	60.61%	69.44%
Human Resource Planning, Assessing, and Inventories	77	61.04%	43653	58.60%	*57	51.22%	57.50%	63.00%	70.27%
Recruiting and Retention	85	69.41%	30873	62.90%	*73	55.91%	62.16%	67.50%	72.97%
Summary	**378**	**60.05%**	**150748**	**57.70%**	**61**	**51.58%**	**56.44%**	**61.00%**	**66.99%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Management: Operations/Production Management Score Comparison
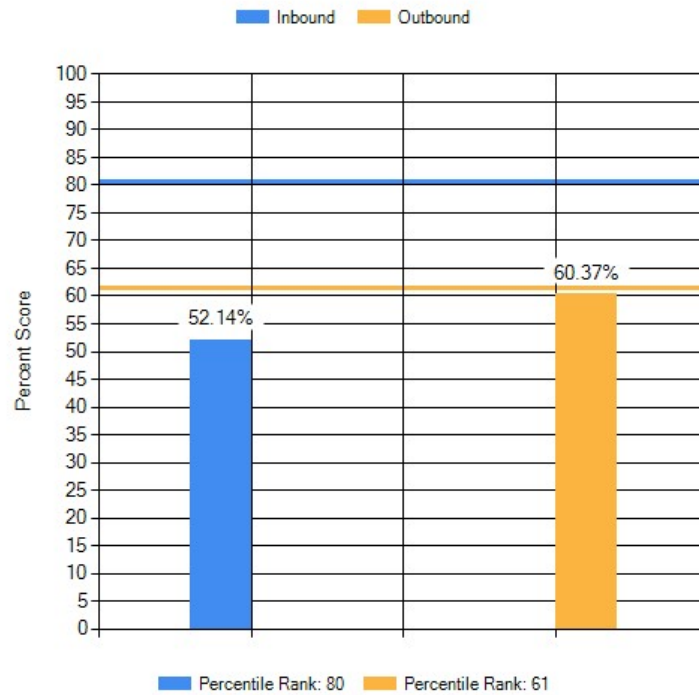
15.78% Percentage change from Inbound to Outbound

Sample Size: Inbound = 85, Outbound = 115

Mean Completion Time (mins): Inbound = 2.7, Outbound = 3.3

Management: Operations/Production Management Assessment Summary

Assessment Summary Statistics

Management: Operations/Production Management	Inbound	Outbound
Sample Size	85	115
Mean Score	52.14%	60.37%
Standard Deviation	31.07	33.14
Min Score	0%	0%
Max Score	100%	100%
Median Score	50%	67%
Mode	33%	100%

Inbound Exam Management: Operations/Production Management Result
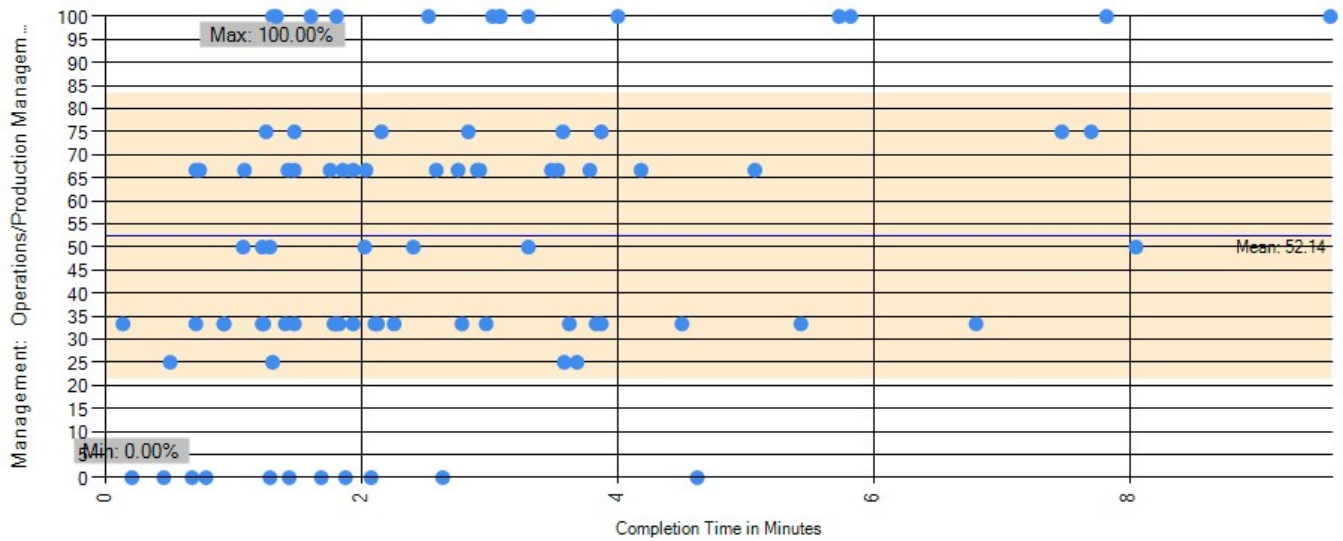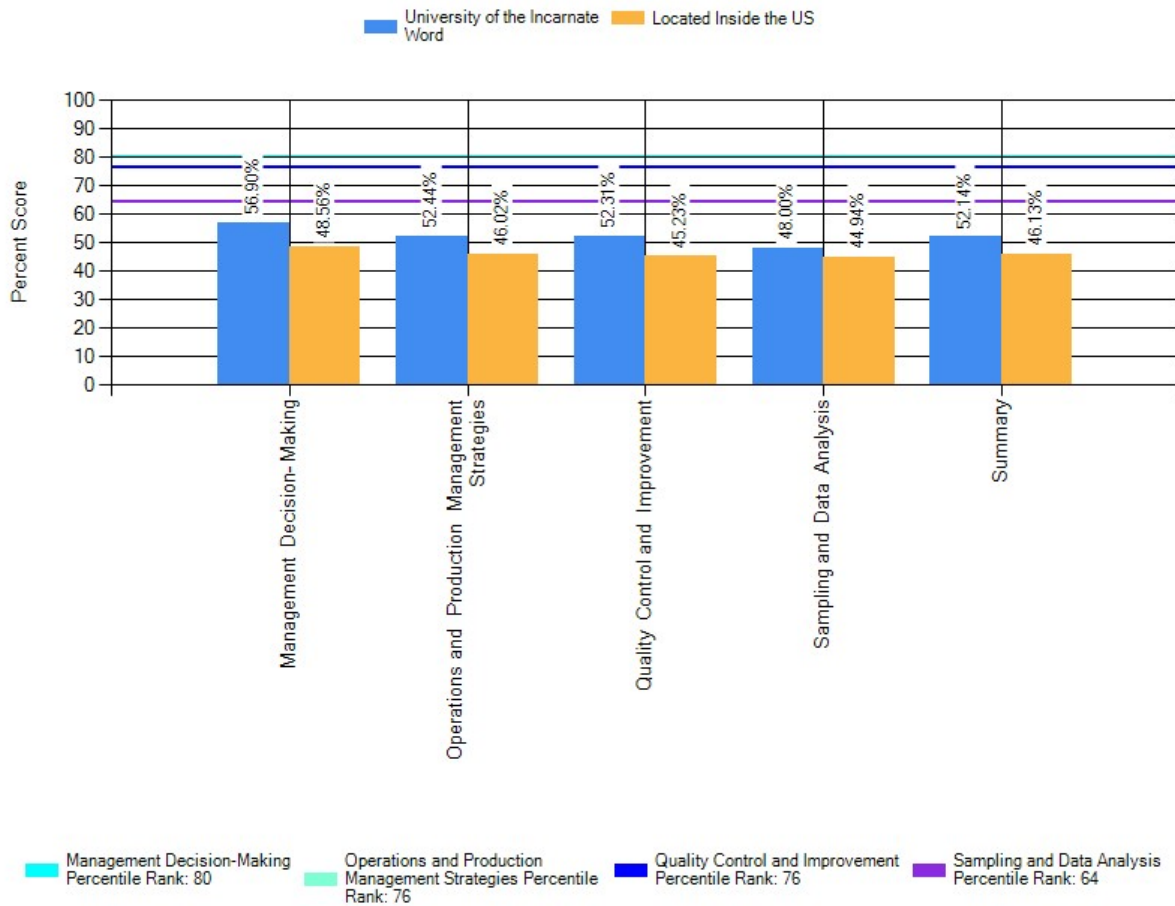

Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 2.70

Mean Score: 52.14%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 31.07

* Results are sorted by number of minutes taken to complete the topic.

Management: Operations/Production Management Subject Score Comparison *Inbound Exam*

University of the Incarnate Word / Located Inside the US

Management Decision-Making Percentile Rank: 80

Operations and Production Management Strategies Percentile Rank: 76

Quality Control and Improvement Percentile Rank: 76

Sampling and Data Analysis Percentile Rank: 64

Frequency of Questions Offered on *Inbound* Exams

Management: Operations/Production Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Management Decision-Making	58	56.90%	18619	48.56%	*80	42.11%	47.22%	52.63%	58.14%
Operations and Production Management Strategies	82	52.44%	27412	46.02%	*76	39.53%	44.19%	48.84%	55.56%
Quality Control and Improvement	65	52.31%	13679	45.23%	*76	37.84%	43.33%	48.67%	55.56%
Sampling and Data Analysis	75	48.00%	17479	44.94%	*64	38.24%	43.42%	48.57%	54.29%
Summary	280	52.14%	77189	46.13%	80	40.93%	45.00%	48.43%	53.47%

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Outbound Exam Management: Operations/Production Management Result
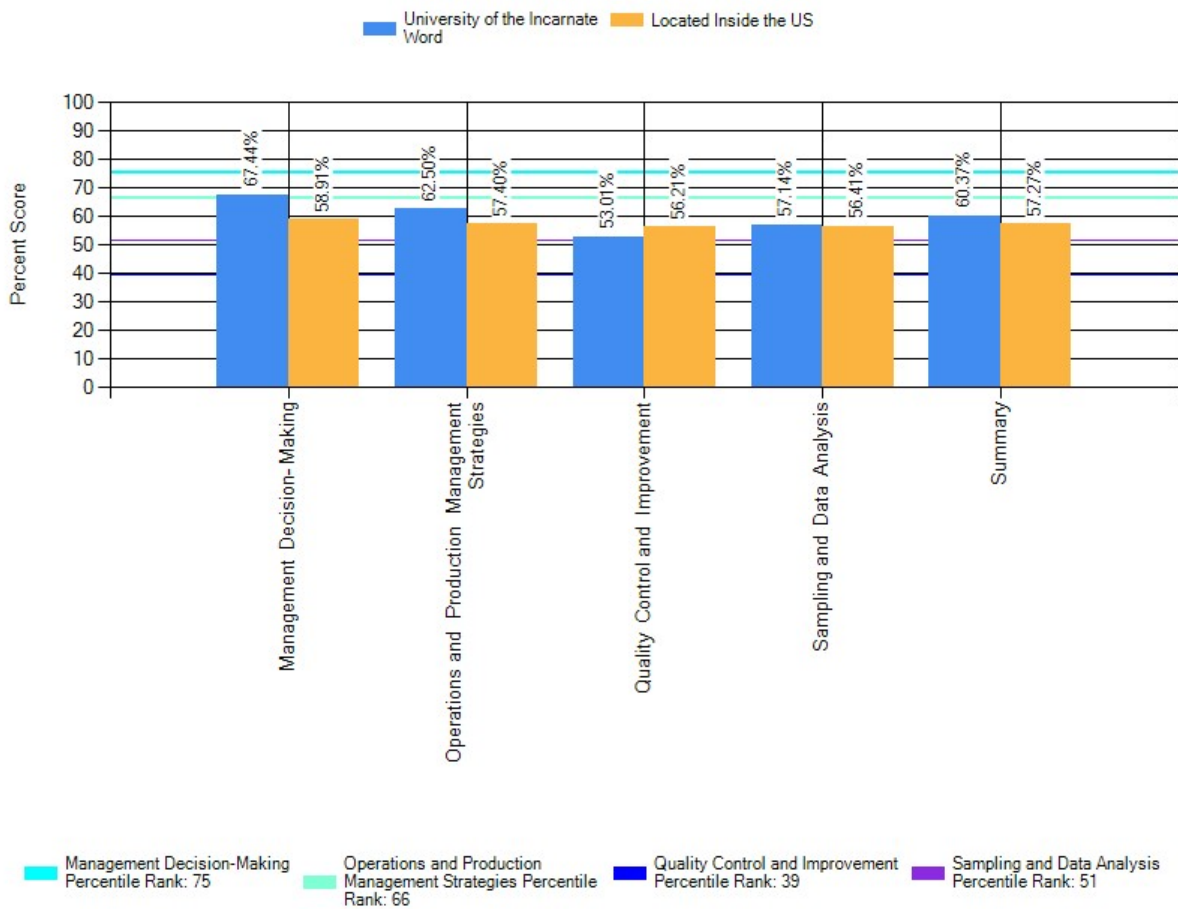

Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 3.27

Mean Score: 60.37%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 33.14

* Results are sorted by number of minutes taken to complete the topic.

# Management: Operations/Production Management Subject Score Comparison *Outbound Exam*

Frequency of Questions Offered on *Outbound* Exams

Management: Operations/Production Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Management Decision-Making	86	67.44%	38695	58.91%	*75	51.28%	57.42%	63.64%	70.27%
Operations and Production Management Strategies	128	62.50%	54665	57.40%	*66	48.94%	55.59%	62.22%	69.77%
Quality Control and Improvement	83	53.01%	28358	56.21%	*39	48.65%	54.61%	60.98%	69.23%
Sampling and Data Analysis	84	57.14%	35267	56.41%	*51	47.51%	54.55%	62.25%	68.75%
Summary	**381**	**60.37%**	**156985**	**57.27%**	**61**	**50.00%**	**55.88%**	**61.39%**	**67.68%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Management: Organizational Behavior Score Comparison
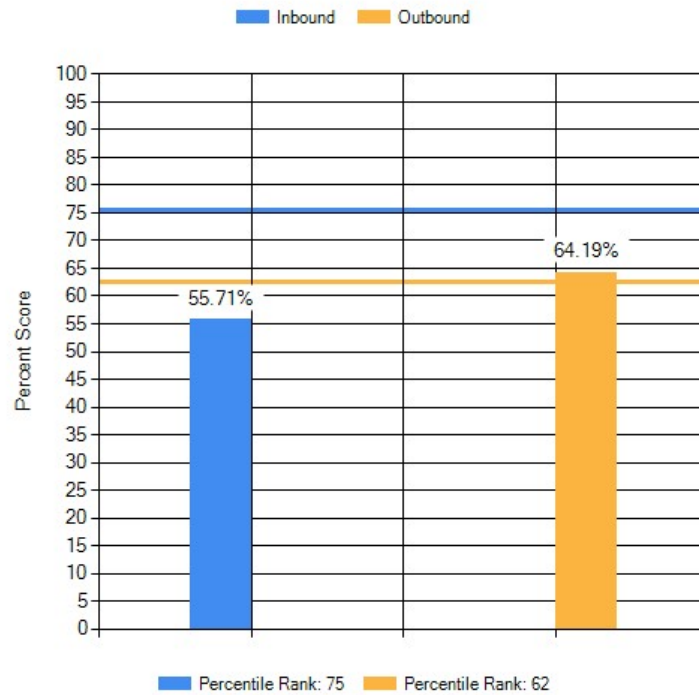
15.22% Percentage change from Inbound to Outbound

Sample Size: Inbound = 85, Outbound = 115

Mean Completion Time (mins): Inbound = 3.2, Outbound = 3.6

Management: Organizational Behavior Assessment Summary

Assessment Summary Statistics

Management: Organizational Behavior	Inbound	Outbound
Sample Size	85	115
Mean Score	55.71%	64.19%
Standard Deviation	26.82	26.45
Min Score	0%	0%
Max Score	100%	100%
Median Score	50%	67%
Mode	33%	67%

Inbound Exam Management: Organizational Behavior Result
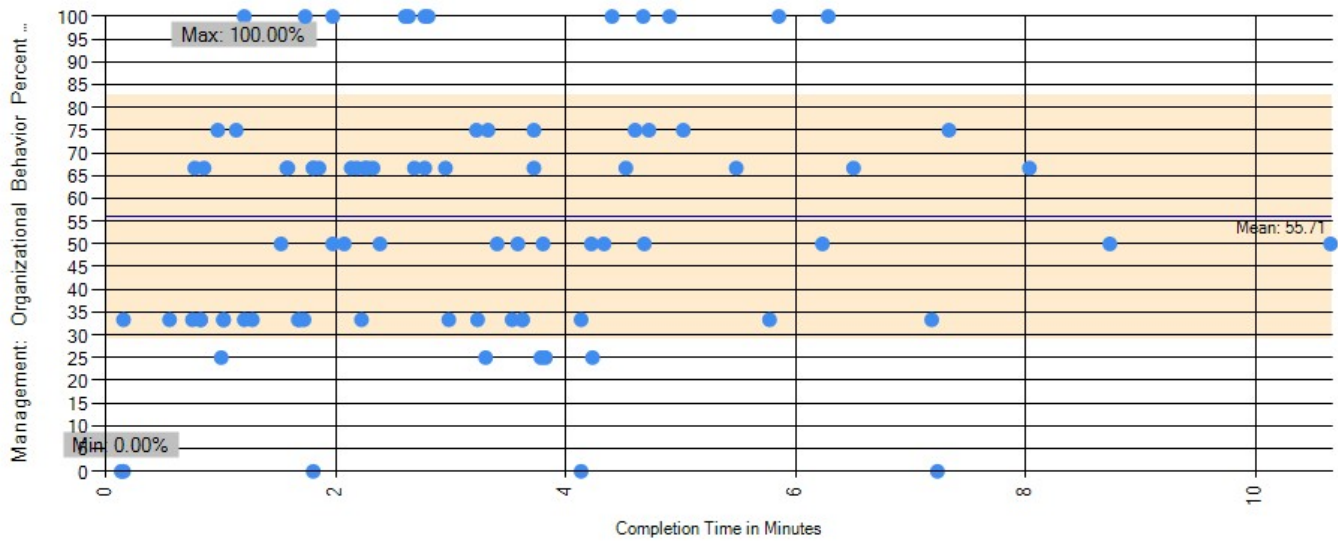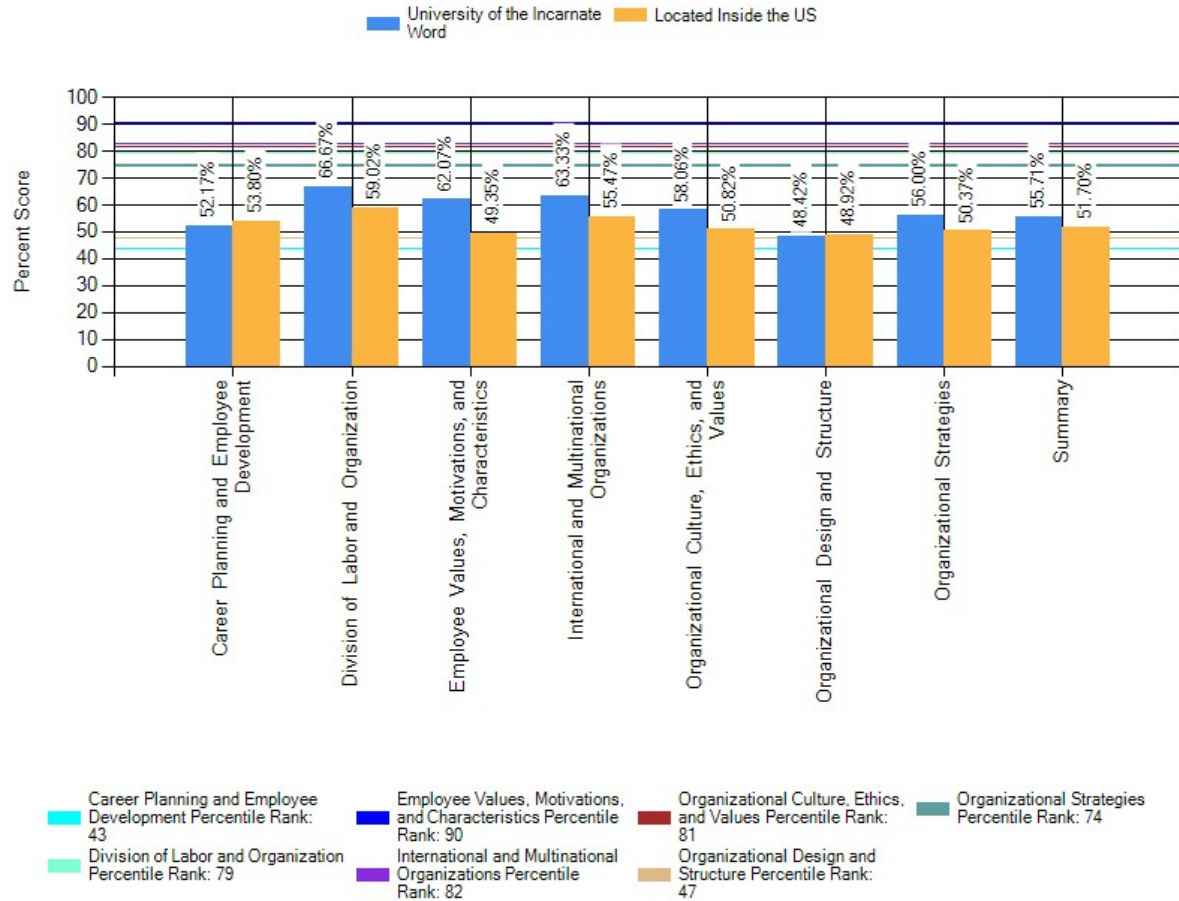

Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 3.18

Mean Score: 55.71%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 26.82

* Results are sorted by number of minutes taken to complete the topic.

Management: Organizational Behavior Subject Score Comparison *Inbound Exam*

Frequency of Questions Offered on *Inbound* Exams

Management: Organizational Behavior	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Career Planning and Employee Development	46	52.17%	15006	53.80%	*43	47.37%	52.63%	57.58%	63.16%
Division of Labor and Organization	33	66.67%	6603	59.02%	*79	52.78%	57.58%	62.66%	67.78%
Employee Values, Motivations, and Characteristics	29	62.07%	12248	49.35%	*90	42.86%	47.22%	52.78%	59.46%
International and Multinational Organizations	30	63.33%	8224	55.47%	*82	48.48%	54.55%	59.38%	64.52%
Organizational Culture, Ethics, and Values	31	58.06%	8985	50.82%	*81	45.45%	50.00%	54.55%	59.38%
Organizational Design and Structure	95	48.42%	22217	48.92%	*47	42.59%	47.50%	52.50%	57.89%
Organizational Strategies	25	56.00%	11191	50.37%	*74	44.44%	48.65%	53.40%	60.00%
Summary	**289**	**55.71%**	**84474**	**51.70%**	**75**	**47.11%**	**50.60%**	**54.17%**	**58.14%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Outbound Exam Management: Organizational Behavior Result
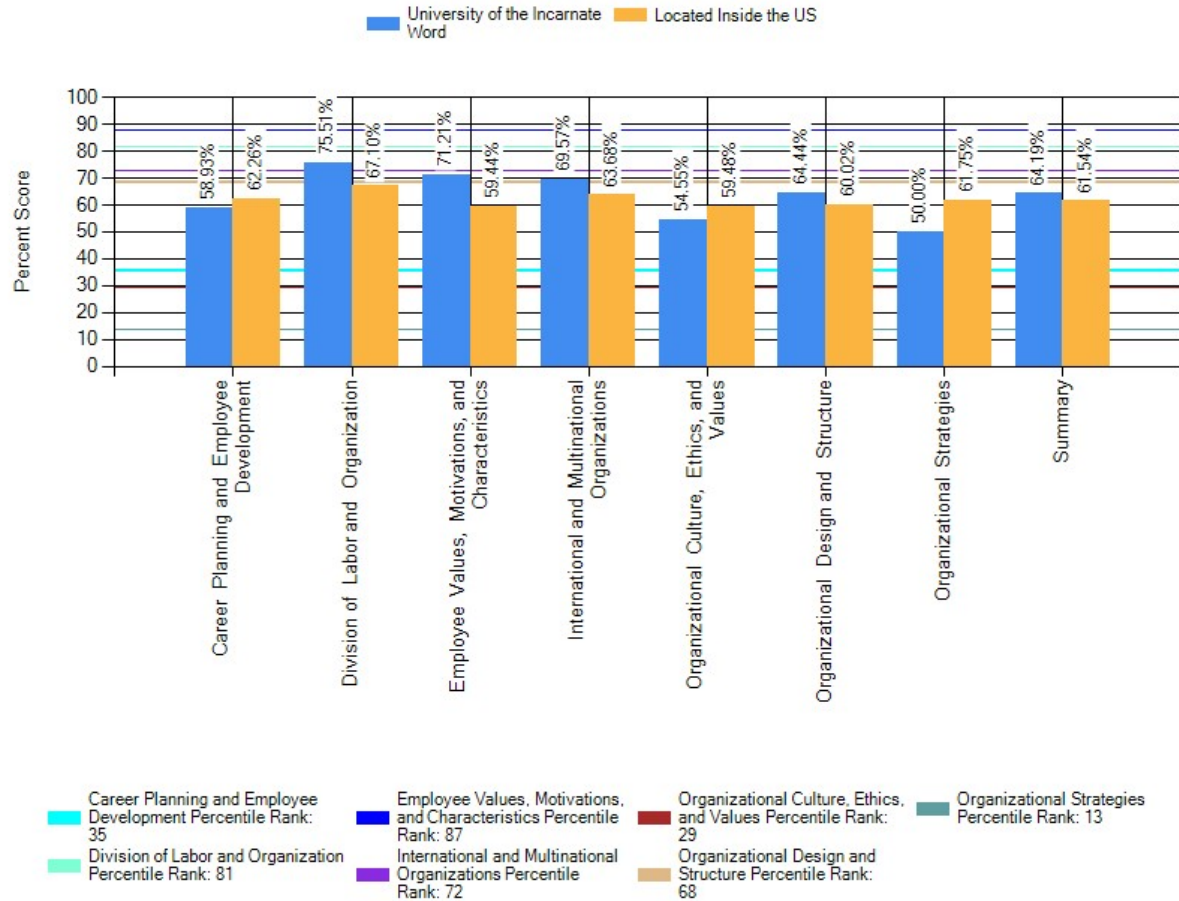

Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 3.65

Mean Score: 64.19%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 26.45

* Results are sorted by number of minutes taken to complete the topic.

## Management: Organizational Behavior Subject Score Comparison *Outbound Exam*

Frequency of Questions Offered on *Outbound* Exams

Management: Organizational Behavior	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Career Planning and Employee Development	56	58.93%	40954	62.26%	*35	55.56%	61.11%	66.10%	72.97%
Division of Labor and Organization	49	75.51%	18432	67.10%	*81	60.50%	66.67%	71.18%	77.14%
Employee Values, Motivations, and Characteristics	66	71.21%	32585	59.44%	*87	52.13%	58.33%	63.64%	70.28%
International and Multinational Organizations	46	69.57%	22654	63.68%	*72	57.58%	62.50%	67.65%	73.78%
Organizational Culture, Ethics, and Values	44	54.55%	24701	59.48%	*29	52.94%	58.08%	63.64%	69.52%
Organizational Design and Structure	90	64.44%	60868	60.02%	*68	53.85%	58.82%	63.64%	69.76%
Organizational Strategies	40	50.00%	29405	61.75%	*13	55.08%	60.42%	65.71%	71.97%
Summary	**391**	**64.19%**	**229599**	**61.54%**	**62**	**56.25%**	**60.33%**	**64.71%**	**70.18%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Marketing Score Comparison
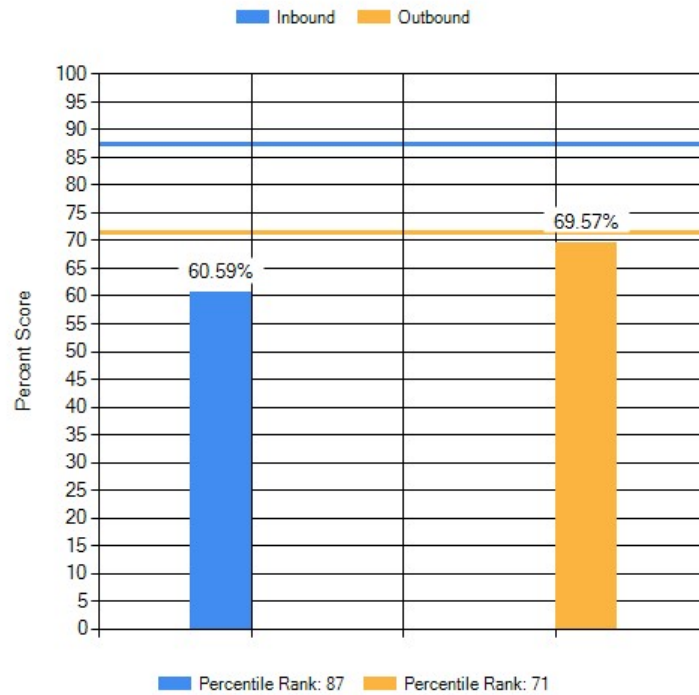
14.82% Percentage change from Inbound to Outbound

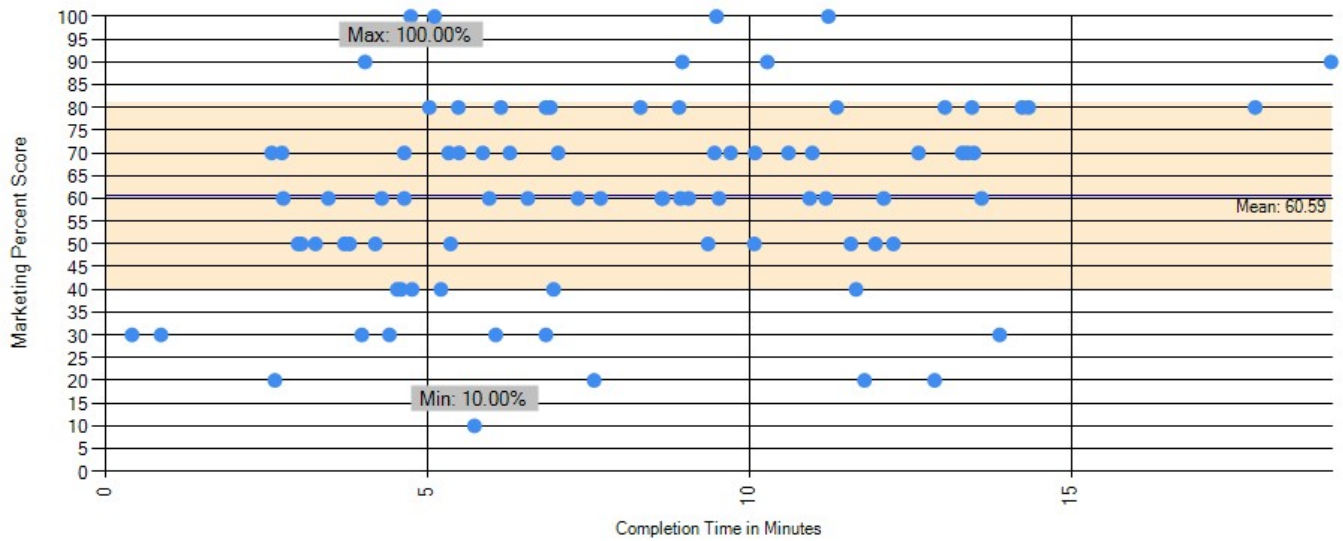Sample Size: Inbound = 85, Outbound = 115

Mean Completion Time (mins): Inbound = 8, Outbound = 9.3

Marketing Assessment Summary

Assessment Summary Statistics

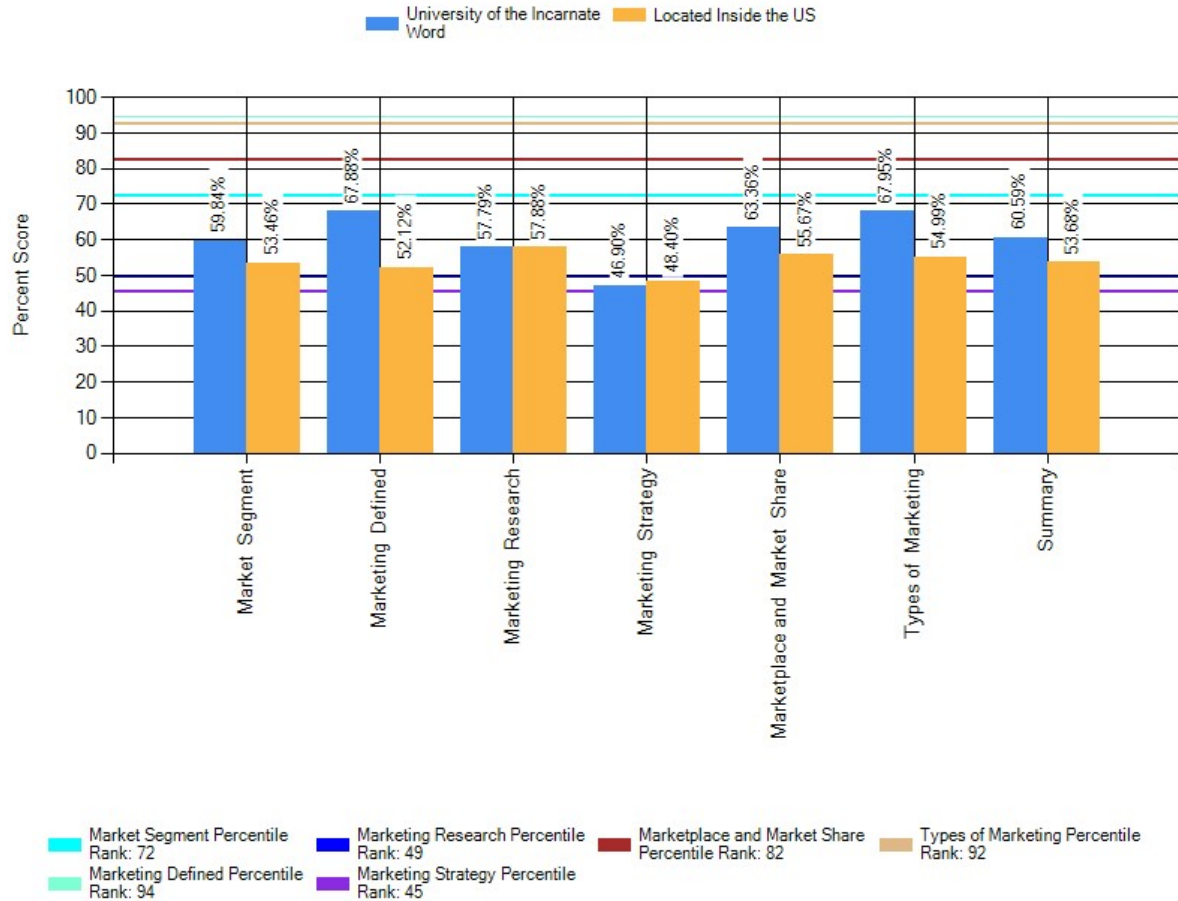| Marketing	Inbound	Outbound
Sample Size	85	115
Mean Score	60.59%	69.57%
Standard Deviation	20.61	23.49
Min Score	10%	10%
Max Score	100%	100%
Median Score	60%	80%
Mode	60%	90%

Inbound Exam Marketing Result

Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 8.00

Mean Score: 60.59%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 20.61

* Results are sorted by number of minutes taken to complete the topic.
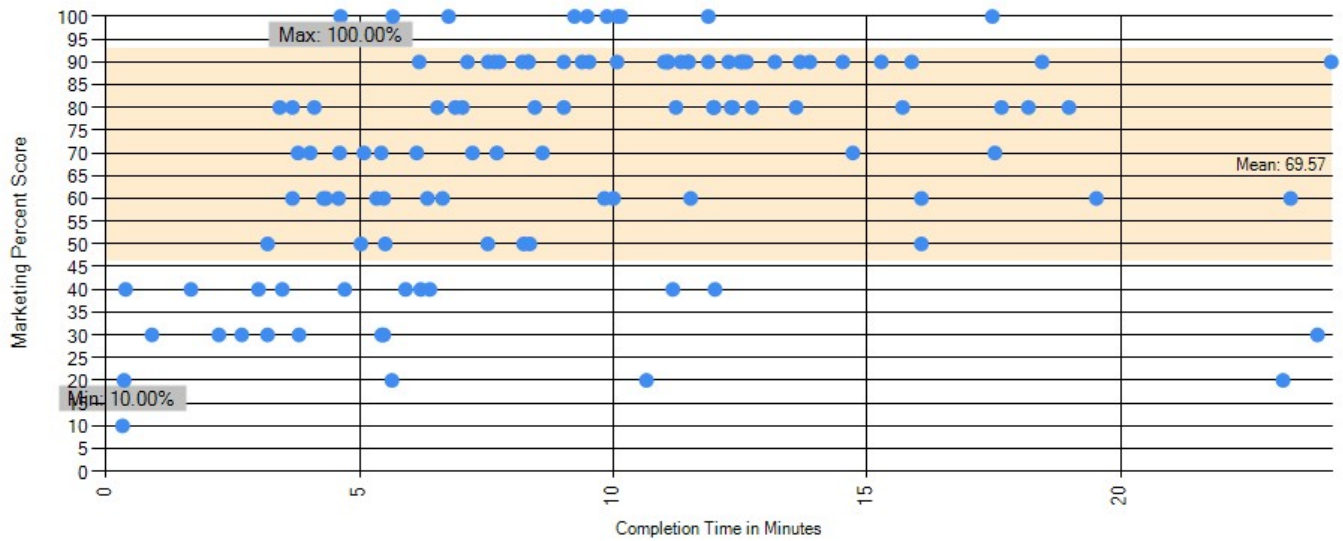
Marketing Subject Score Comparison *Inbound Exam*

Legend:
- Market Segment Percentile Rank: 72
- Marketing Defined Percentile Rank: 94
- Marketing Research Percentile Rank: 49
- Marketing Strategy Percentile Rank: 45
- Marketplace and Market Share Percentile Rank: 82
- Types of Marketing Percentile Rank: 92

Frequency of Questions Offered on *Inbound* Exams

Marketing	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Market Segment	127	59.84%	50773	53.46%	*72	46.15%	52.25%	57.70%	63.93%
Marketing Defined	137	67.88%	38598	52.12%	*94	45.89%	51.17%	55.69%	61.90%
Marketing Research	154	57.79%	67636	57.88%	*49	52.78%	56.58%	60.76%	66.11%
Marketing Strategy	145	46.90%	60929	48.40%	*45	42.86%	46.88%	51.52%	56.76%
Marketplace and Market Share	131	63.36%	37144	55.67%	*82	50.00%	55.00%	58.83%	64.34%
Types of Marketing	156	67.95%	44270	54.99%	*92	48.94%	53.33%	57.69%	63.64%
Summary	**850**	**60.59%**	**299350**	**53.68%**	**87**	**49.37%**	**53.00%**	**55.66%**	**59.67%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Outbound Exam Marketing Result
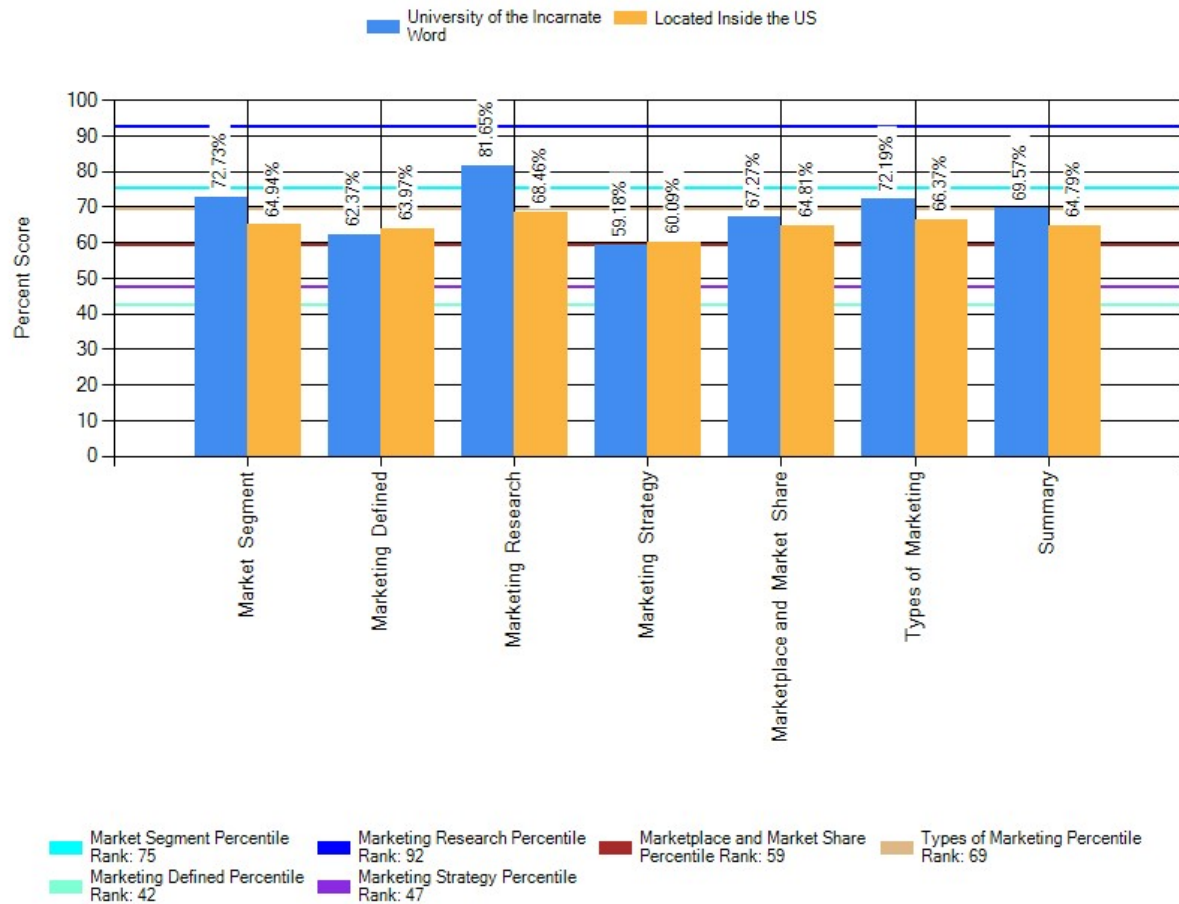

Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 9.30

Mean Score: 69.57%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 23.49

* Results are sorted by number of minutes taken to complete the topic.

# Marketing Subject Score Comparison *Outbound Exam*

Legend:
- University of the Incarnate Word
- Located Inside the US

Percentile Rank legend:
- Market Segment Percentile Rank: 75
- Marketing Research Percentile Rank: 92
- Marketplace and Market Share Percentile Rank: 59
- Types of Marketing Percentile Rank: 69
- Marketing Defined Percentile Rank: 42
- Marketing Strategy Percentile Rank: 47

Frequency of Questions Offered on *Outbound* Exams

Marketing	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Market Segment	198	72.73%	88322	64.94%	*75	57.52%	64.29%	69.64%	76.19%
Marketing Defined	186	62.37%	68168	63.97%	*42	56.86%	63.07%	68.30%	75.00%
Marketing Research	218	81.65%	118955	68.46%	*92	62.19%	67.69%	72.24%	77.94%
Marketing Strategy	196	59.18%	107256	60.09%	*47	53.21%	58.82%	63.93%	70.85%
Marketplace and Market Share	165	67.27%	65070	64.81%	*59	58.17%	63.46%	68.85%	75.43%
Types of Marketing	187	72.19%	76759	66.37%	*69	59.26%	65.12%	70.77%	77.59%
Summary	1150	69.57%	524530	64.79%	71	59.00%	63.52%	67.95%	74.09%

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Quantitative Research Techniques and Statistics Score Comparison
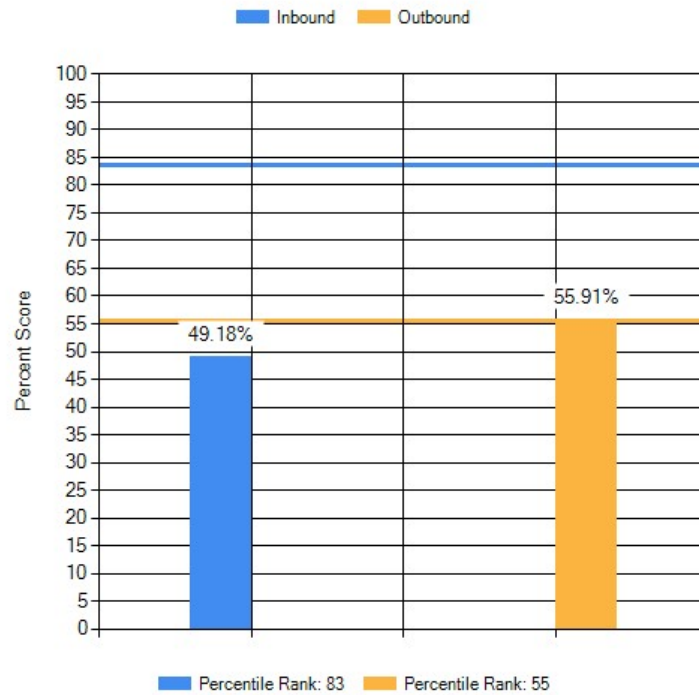
13.68% Percentage change from Inbound to Outbound

Sample Size: Inbound = 85, Outbound = 115

Mean Completion Time (mins): Inbound = 8.9, Outbound = 10.2

Quantitative Research Techniques and Statistics Assessment Summary

Assessment Summary Statistics

Quantitative Research Techniques and Statistics	Inbound	Outbound
Sample Size	85	115
Mean Score	49.18%	55.91%
Standard Deviation	21.06	21.02
Min Score	10%	10%
Max Score	90%	90%
Median Score	50%	60%
Mode	50%	60%

Inbound Exam Quantitative Research Techniques and Statistics Result
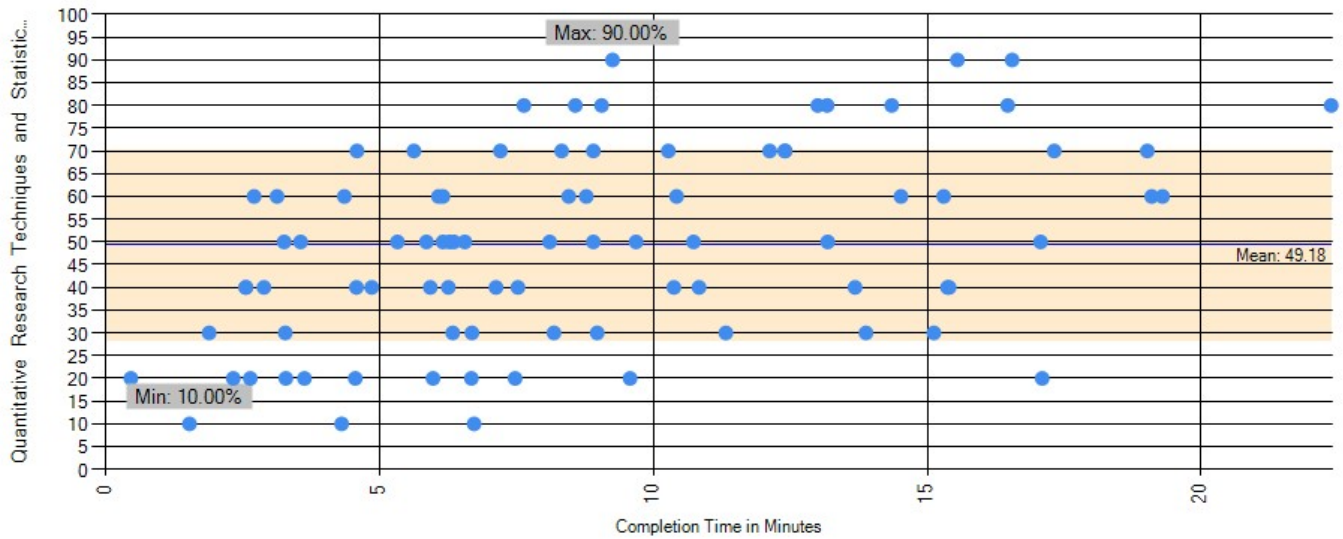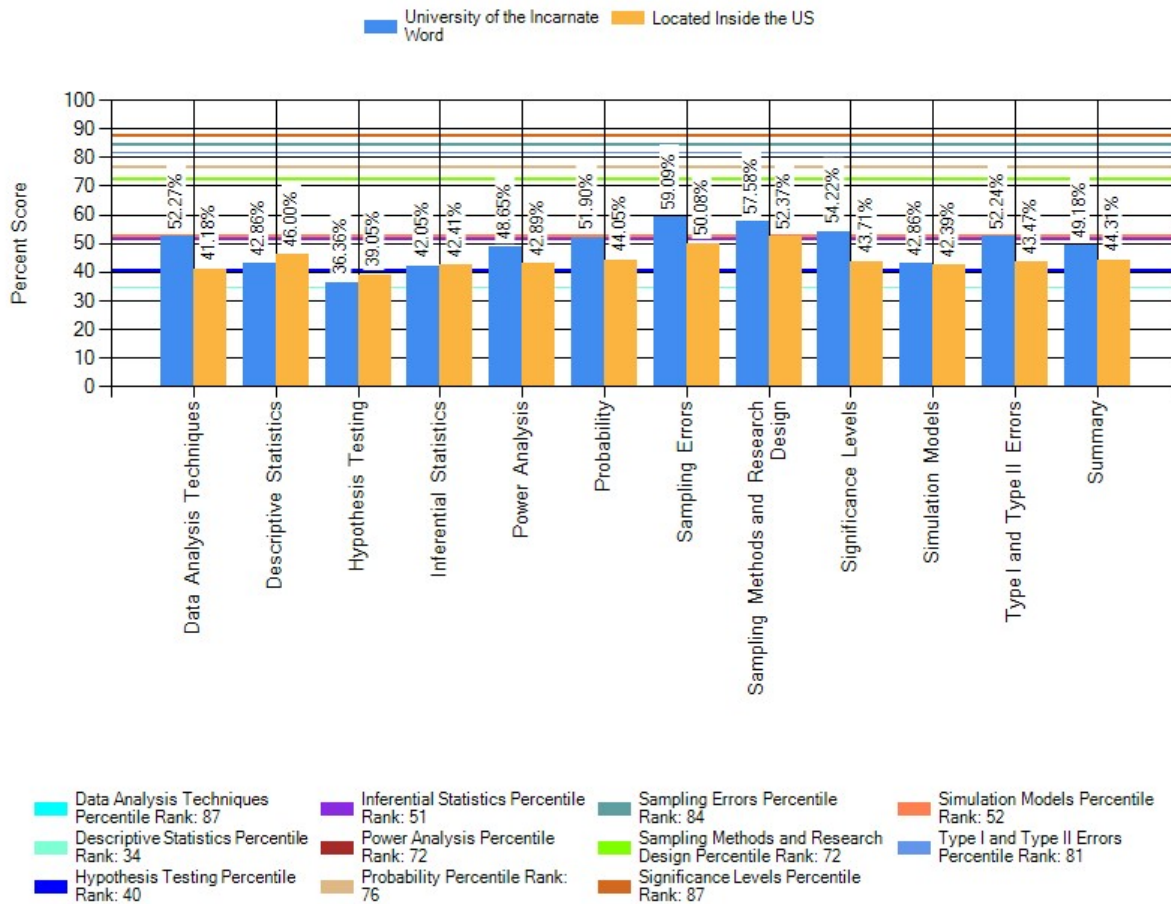

Sample Size: 85

Mean Completion Time for this Topic (mins): Inbound = 8.88

Mean Score: 49.18%, Max Score: 90.00%, Min Score: 10.00%

Standard Deviation: 21.06

* Results are sorted by number of minutes taken to complete the topic.

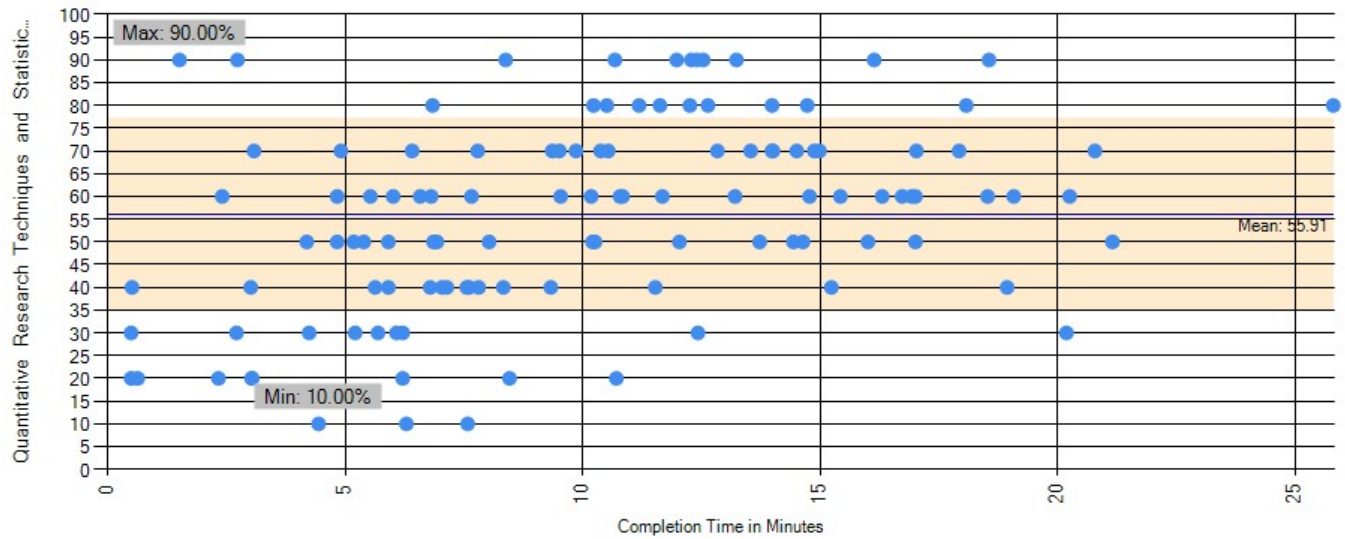# Quantitative Research Techniques and Statistics Subject Score Comparison *Inbound Exam*

University of the Incarnate Word | Located Inside the US

Data Analysis Techniques Percentile Rank: 87
Inferential Statistics Percentile Rank: 51
Sampling Errors Percentile Rank: 84
Simulation Models Percentile Rank: 52
Descriptive Statistics Percentile Rank: 34
Power Analysis Percentile Rank: 72
Sampling Methods and Research Design Percentile Rank: 72
Type I and Type II Errors Percentile Rank: 81
Hypothesis Testing Percentile Rank: 40
Probability Percentile Rank: 76
Significance Levels Percentile Rank: 87

Frequency of Questions Offered on *Inbound* Exams

Quantitative Research Techniques and Statistics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Data Analysis Techniques	88	52.27%	23638	41.18%	*87	35.05%	38.89%	43.18%	51.19%
Descriptive Statistics	77	42.86%	20015	46.00%	*34	40.00%	45.01%	48.78%	55.70%
Hypothesis Testing	77	36.36%	16304	39.05%	*40	33.33%	37.50%	41.90%	47.42%
Inferential Statistics	88	42.05%	15934	42.41%	*51	35.67%	41.03%	45.71%	51.97%
Power Analysis	74	48.65%	16035	42.89%	*72	35.71%	41.03%	45.68%	53.65%
Probability	79	51.90%	14453	44.05%	*76	36.84%	41.67%	47.37%	55.00%
Sampling Errors	88	59.09%	17565	50.08%	*84	43.59%	48.72%	53.49%	59.18%
Sampling Methods and Research Design	66	57.58%	17531	52.37%	*72	46.34%	51.16%	55.56%	62.16%
Significance Levels	83	54.22%	18482	43.71%	*87	36.63%	41.46%	46.51%	53.49%
Simulation Models	63	42.86%	16278	42.39%	*52	36.84%	40.91%	45.00%	52.11%
Type I and Type II Errors	67	52.24%	15085	43.47%	*81	36.53%	40.63%	45.66%	54.49%
Summary	**850**	**49.18%**	**191320**	**44.31%**	**83**	**40.40%**	**43.33%**	**45.33%**	**49.38%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Outbound Exam Quantitative Research Techniques and Statistics Result
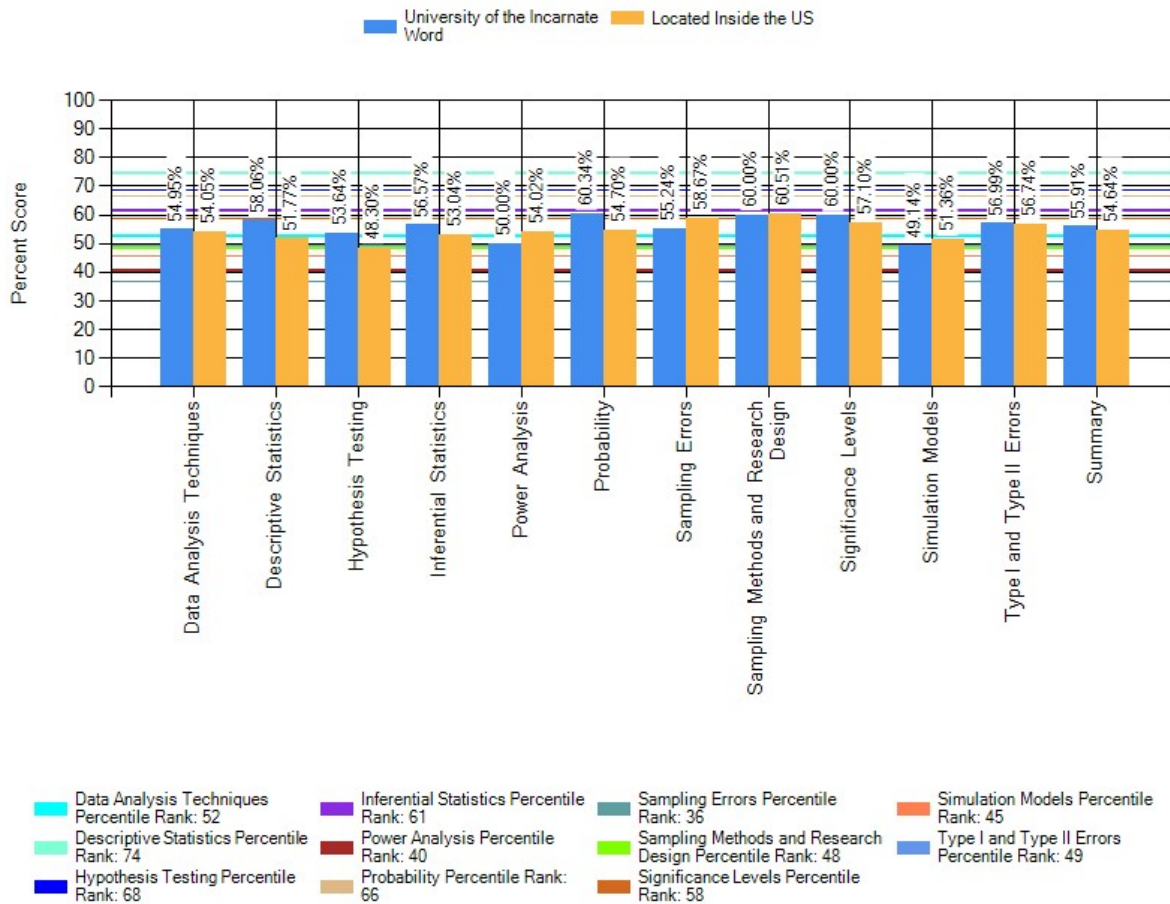

Sample Size: 115

Mean Completion Time for this Topic (mins): Outbound = 10.18

Mean Score: 55.91%, Max Score: 90.00%, Min Score: 10.00%

Standard Deviation: 21.02

* Results are sorted by number of minutes taken to complete the topic.

Quantitative Research Techniques and Statistics Subject Score Comparison *Outbound Exam*

Frequency of Questions Offered on *Outbound* Exams

Quantitative Research Techniques and Statistics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Data Analysis Techniques	91	54.95%	47358	54.05%	*52	45.00%	52.08%	59.04%	67.35%
Descriptive Statistics	124	58.06%	39610	51.77%	*74	45.24%	50.00%	55.27%	61.90%
Hypothesis Testing	110	53.64%	31284	48.30%	*68	41.30%	46.94%	52.08%	59.52%
Inferential Statistics	99	56.57%	31037	53.04%	*61	43.90%	51.23%	57.89%	65.85%
Power Analysis	96	50.00%	31043	54.02%	*40	45.65%	52.35%	58.66%	66.67%
Probability	116	60.34%	28533	54.70%	*66	47.50%	53.85%	59.81%	66.67%
Sampling Errors	105	55.24%	34293	58.67%	*36	51.35%	57.74%	63.27%	70.00%
Sampling Methods and Research Design	115	60.00%	34096	60.51%	*48	53.49%	59.46%	64.42%	71.09%
Significance Levels	85	60.00%	36103	57.10%	*58	48.78%	55.56%	62.50%	69.23%
Simulation Models	116	49.14%	31402	51.36%	*45	43.59%	48.96%	55.56%	63.16%
Type I and Type II Errors	93	56.99%	29087	56.74%	*49	47.50%	55.26%	62.30%	70.00%
Summary	**1150**	**55.91%**	**373846**	**54.64%**	**55**	**48.00%**	**53.44%**	**58.30%**	**64.52%**

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.

* Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Understanding and Using the Report

The purpose of the following analyses is to assist administrators, academic program managers, assessment coordinators, course managers, and other academic officials with program-level direct assessment of the institutional programs. These data should be used to assess the strengths and opportunities for improvement associated with the academic programs based upon the knowledge levels of the students regarding the foundational learning outcomes of the curriculum.

An Inbound/Outbound exam construct provides data for both internal and external benchmarking. The Inbound Exam evaluates the student's knowledge level towards the beginning of the student's program of study. The Outbound Exam assesses the student's knowledge level at the end of the student's program of study. The difference in results between the Inbound and Outbound Exams is the direct measure of learning most often used for internal benchmarking. Additional subject-level analysis compared to specific aggregate pools allows for both internal and external benchmarking.

The number of questions offered and the frequency correct value of the aggregates is based on the sampling of the data at each level (subject, topic, total) independent of each summary level. Meaning, the sum of the number of questions offered for a set of subjects may not equal the number of questions offered for the topic.

Outbound Exam results are relative. Outbound Exam relevancy is understood best in terms of the change in knowledge level from the time a student enters the program compared to when they graduate from the program.

If identified, cohort level analyses provide program administrators with comparative information based upon the student cohort groups that the school has identified. Side-by-side comparisons are shown to supplement program-level analysis.

External comparisons of outbound scores with the various aggregate pools should only be used as a relative index of how the assessed program compares with other programs. There is a high degree of variability between schools with respect to specific curriculums and areas of emphasis or concentrations. Comparisons include other schools with relatively similar student populations and educational delivery means, not necessarily based on the exact curriculum of the program (which would be nearly impossible and most likely unrealistic). Multiple pools can be selected for these comparisons.

There are two types of data analyses included within the report: Means of Scores Analysis and Analysis of Percent Correct:

a. **Means of Scores Analysis.** This is a simple mean whereby we take the scores, total, and divide by the number of scores. The sample then is either the schools' number of exams included in the report or the total number of completed exams in the aggregate pools.

b. **Analysis of Percent Correct.** This is a total figure used whereby we take the total number of questions answered correctly (either at the Subject, Sub-topic, or Topic levels) and divided by the total number of questions offered, expressed as a percentage. A set of exam results is treated as one set of data/sample. These results are then compared to the aggregate pool results, which are similarly calculated.

For percentile ranking calculations and for the percentile benchmarks shown for the selected aggregate pool, results are subject to sample size limitations. In general, percentile ranking and percentile benchmarks should be used with caution relative to making programmatic changes based on the results if the sample of Questions Offered for the aggregate pool is less than 300 for a specific subject.

Average Total Score Percentile. Because not all exams include the same set of topics, a percentile value based on the Exam Total scores cannot be calculated with statistical precision. Most client schools customize the exams using topic selection and some include an internally developed topic. Therefore, the Average Total Score Percentile values are calculated as a simple mean of the topic percentile values. The Average Total Score Percentile values are shown only to provide a relative comparison of the Total Score.

Tips, Techniques, and Suggestions for Applying the Results of this Report for Academic Program-level Analysis and Continuous Improvement

The following tips, techniques, and suggestions for understanding and applying the results presented in this report for academic program-level analysis and continuous improvement are based on our years of experience in working with our client institutions, meeting with academic officials to review the results, and lessons learned from the accreditation institutions.

Reviewing the Results

- Topic and sub-topic level scores tend to be more significant in terms of analysis value than the total score. Although most exams include all available topics, not all exams will include all available topics. Therefore, the total score comparisons are shown for relative benchmarking whereas the topic and sub-topic level score comparisons will tend to be more meaningful in terms of understanding relevancy of the scores.
- If there are topics included on the exam that do not appear to be directly related to your curriculum and/or learning outcomes, consider removing these topics from future testing. It is generally best not to test on topics that are not included in the program's curriculum.
- We have an Aggregate Extraction report available that includes the aggregate pool summary data that is used for comparison analysis purposes. This report is available to you on your Client Administration site under the menu item *Reports*
- Consider the sample size for the exam period before making changes in the program based on the exam results. Lower sample sizes tend to have higher standard deviations. In general, it is best to have a sample of at least 100 exams before the results can be used for program changes. Since report period is a variable, we can go back and include past exam results for future reporting in order to get the sample size high enough for meaningful analysis.

Learning Outcome Analysis

- To evaluate the institution's learning outcomes, consider the table shown for each topic the frequency of questions correct. These data are most useful when considering learning outcome.
- Not every subject included on the exam will directly correspond to a program's learning outcome because this is a standardized test meant to apply to the widest diversity of programs. Therefore, the score for the topic or subtopic must be taking in the context of the subject-level analysis. For example, a relatively low topic/sub-topic score may be acceptable provided that the subject-level scores are high for those subjects that are directly related to learning outcomes. Conversely, a high topic/sub-topic score may be unacceptable if the questions missed on the exam were high for key learning outcomes.

Continuous Improvement

- It is important not to make too many changes in a program at the same time based on one or two exam periods. Instead, it it generally better to make small incremental changes to the program based on these results and then monitor the results to assess the consequences of the change effort.
- Specific ideas for continuous improvement include:
  - Updating course content to include more case study type instruction that combines topics in the same analysis.
  - Including a review of key topics towards the end of the program (e. g. in the CAPSTONE course) that includes an application exercise that requires a review and understanding of all the topics included within the program.

Interpreting and Using the Exam Scores

Inbound Exam results are obtained from incoming students who have not yet completed their advance program of study. Cumulative Inbound Exam results are only used relative to the cumulative outbound results to directly measure academic learning. Individual student results from Inbound Exams (Individual Results Report) can be used to help guide, advise, and place a student within a program of study; however, individual results should generally not be used for academic grading purposes other than perhaps extra credit (or some other incentive) to complete the exam.

Outbound Exam results are a direct measure of academic learning since the students taking the Outbound Exams have completed or nearly completed the degree program.

Outbound Exam results, both cumulatively and individually, **DO NOT** correspond directly to a traditional academic grading scale. This is a nationally normed exam with an average degree of difficulty of approximately 55%-60%. The exam is relative to only to the inbound results as well as the external aggregate comparisons.

There is a distinct difference between evaluating results versus grading individual exams. Individual student grading of Outbound Exams should be conducted using the table shown below on a relative grading scale (school officials determine the exact letter/point grades). Evaluation of the results for internal and external benchmarking should be conducted based comparisons to aggregate pools and between the Inbound and Outbound Exam results.

NOTE: There is no such level as a "passing" or "acceptable" score based on the results of this nationally normed exam nor do accreditation organizations expect to see a passing or acceptable level. Rather, school officials determine what is passing/acceptable based on associated benchmarks.

To encourage students to do their best with the Outbound Exams, an incentive is usually needed. Exam incentives include a direct grade, grading for extra credit if the result is above a certain threshold, or credit for a future assignment/activity within a course. Some client schools also use top scores to determine prizes or gifts. Typically, simply grading the exam based on the following relative grading scale is the best approach to properly incentivize the exam.

Another useful way of evaluating scores of outbound exams is to review the mean completion times. Typically, for example, a 100-question exam should take the student about 60-90 minutes to complete. If exam completion times are below 30-45 minutes academic officials may consider further efforts to incentivize the exam in order to get the students to take the exam seriously and thus, improve results. Mean completion times are shown in many of the graphs and tables. Reports can be re-run to screen out exam results where the completion time is below a desired threshold.

The following table shows an approximate relationship between the exam results and relative student performance based upon competency level. **Note: This table should only be used for relative grading purposes of individual student exams. This table should not be used to evaluate exam results for program-level assessment, rather the evaluation of exam results should be based on scores and comparisons of scores with the benchmarks.**

Abandoned exams are not included in the data set for this report.

Exam Score	Relative Interpretation of Student Competency
80-100%	Very High
70-79%	High
60-69%	Above Average
40-59%	Average
30-39%	Below Average
20-29%	Low
0-19%	Very Low

If specific academic credit (grade and points) are to be awarded to students based on their exam results, the table to the left could be used to assign letter grades, extra credit, and/or course points, assuming that the exam is included within a course.

Glossary of Terms

Abandoned Exam. An exam that had the 48 hour time limit elapse. These exams are auto-completed, giving the student a score of "0" for each unanswered question. These exams are only included in the school's individual results, not in the reporting or analysis.

Academic Level. The academic degree level of the program: associate, bachelors, masters, and doctoral.

Aggregate Pools. The aggregate pool is the data set used for external benchmarking and comparisons and is based on the results from accredited institutions. The various aggregate pools are defined as follows:

Pools Based on Program Delivery Modality

1. **Traditional**. The majority of the program is delivered at a campus location at an established college or university. The majority of the students are recent high school graduates, typically 18-22 years old. Courses are taught on a semester or quarter basis, typically Monday through Friday.
2. **Online**. The majority of the program is delivered online to students and there is little, if any, requirement for the students to go to a campus location any time during their college or university experience. The majority of the students are considered non-traditional, meaning they tend to be older, may have some college credit prior to starting their program, and are often working adults completing their degree program.
3. **Blended**. The program is delivered to students using a combination of online and campus-based instruction and/or the program is delivered in an accelerated format. The course term is typically 4 to 8 weeks. Campus-based instruction tends to be either at night or on weekends with generally longer sessions. The student population tends to be non-traditional, meaning they tend to be older, may have some college credit prior to starting their program, and are often working adults completing their degree program.

Pools Based on Location

1. **Outside-US**. Includes colleges and universities outside of the United States. Program delivery is usually campus-based; however, the aggregate pool includes some blended programs and online programs.
2. **Regional/Country**. Includes colleges and universities outside of the United States from specific regions (e.g. Latin America, Europe, Asia, etc.) or from specific countries (e.g. Mongolia). Program delivery is primarily campus-based; however, the pools may include some blended and online course delivery.
3. **Inside the US**. Includes all US-based schools and programs.

Pools Based on Institute Characteristics

1. **Large Private**. This aggregate pool includes large, privately owned universities within the United States.
2. **HBCU**. Includes colleges and university that are designated as Historically Black Colleges and Universities.
3. **Private**. US schools that are privately owned.
4. **Public**. US schools that are publically owned.
5. **Faith-based**. US schools that have a specific religious affiliation or association.

Masters-level Pools Based on Degree Type

1. **Masters-MBA**. Includes programs that are designed as Masters of Business Administration.
2. **Masters-MS**. Includes programs that are designed as Masters of Science.
3. **Masters-MA**. Includes programs that are designed as Masters of Arts.
4. **Masters-MHA** . Includes all assessments under the Health Care Administration.
5. **Masters-MPA**. Includes all assessments under Public Administration.

Pools Based on Dual-Accreditation Affiliation

1. **IACBE**. Includes business schools and programs affiliated with the International Assembly for Collegiate Business Education. Where available, this pool is further divided by IACBE Region.
2. **ACBSP**. Includes business schools and programs affiliated with the Accreditation Council of Business Schools and Programs. Where available, this pool is further divided by ACBSP Region.
3. **AACSB**. Includes business schools and programs accredited with the Association to Advance Collegiate Schools of Business.

Assessment Period. The date range for the report, which includes all the exams administered within these dates. For synchronous schools, the assessment period is generally based upon the semester or quarter. For asynchronous schools, the assessment period is generally annual, semi-annual, or quarterly. School officials determine the assessment period.

Coefficient of Determination (R2) denoted R2 and pronounced R squared, is a statistical measure of how well the regression line approximates the real data points. An R2 of 1 indicates that the regression line perfectly fits the data.

Cohort. A group of students based upon a demographic factor such as specialization, campus location, program start date, etc. We provide cohort-level analysis based upon cohort categories identified at the start of the exam cycle.

Exam. Includes all of the topics to be assessed for a specified program. Each topic has 10 questions included within exam, randomly selected from a validated test bank that includes 300-500 exam questions. Inbound and Outbound Exams are generated from the same test bank of questions.

External Benchmarking. Analyses performed by comparing the cumulative results from a school with a demographically similar aggregate data set.

Frequency of Questions Correct. For Outbound Exams, the frequency of questions correct is calculated for each subject within a topic. The formula is: (Number of Questions Correct / Number of Questions Offered) * 100. In order to provide a relative index for understanding these data, an average of questions correct is shown for the aggregate pool selected for the Internal Analysis Report. To see the comparisons for other pools, the Internal Analysis Report can be re-run with a different pool selected.

Inbound Exam. A student exam administered early in the student's program, usually during their first or second core course, that measures the student's knowledge level at the beginning of their academic program.

Internal Benchmarking. Analyses performed by comparing the inbound and outbound exam scores and/or by the analyses of the frequency of questions correct for each subject within a topic.

Mean Completion Time. The average time, in minutes, to complete the exam. Mean completion time is also shown for each topic. Mean completion times are helpful when evaluating student effort, particularly with Outbound Exam results. If the Outbound Exams have a relatively low mean completion time, this may be an indication that the students are not putting forth their best effort. Additional incentives may be necessary to encourage better student performance (extra credit, points, letter grades, credit for future assignments, etc.).

Outbound Exam. A student exam administered at the end of the student's academic program, usually within their last course, that measures the student's knowledge level at the end of their academic program.

Percentage Change. The percentage change between two scores. For inbound/outbound testing, the percentage change is calculated using the following formula: *(Outbound Score / Inbound Score) - 1*.

Percentage Difference. The percentage difference between a school's outbound student results and the aggregate, calculated using the following formula: *Aggregate Score – School Score*.

Percentile. Percentiles are shown within the subject level analysis based upon the frequency of questions answered correctly. The measure is used to establish relevancy of the school's score with the selected aggregate pool used for the Internal Analysis Report. The percentile benchmarks indicate to what level an average score is needed in order to be at the 80th, 85th, 90th, or 95th percentile, which school officials can subsequently use for academic benchmarking and for setting performance targets.

1. A **percentile** rank is the percentage of scores that fall at or below a given score and is based on the following formula: ((NumValuesLessThanScore + (0.5 * NumValuesEqualScore)) / TotalNumValues) * 100. When shown, the percentile rank of the school's exam sample of the subject/subtopic/topic score to the aggregate pool is based on using exam results within the aggregate pool grouped by school and calculated using samples of 30 exams. The percentile rank is not a ranking based on the number of individual schools included within the aggregate pool, rather it is a percentile ranking compared to the exam results included within the aggregate pool.
2. The **percentile benchmark** values are calculated using the Empirical Distribution Function with Interpolation based upon the Excel Function of PERCENTILE.INC (array,k) with the following formula: (n-1)p=i+f where i is the integer part of (n-1)p, f is the fractional part of (n-1)p, n is the number of observation, and p is the percentile value divided by 100. The percentile benchmark then is the required score of questions correct to be at a specific percentile value (80th, 85th, 90th, or 95th) and is based on interpolation.

Percent Change Comparison. The percent difference between the school's percent change between Inbound and Outbound Exam results and the aggregate pool's percent change between Inbound and Outbound Exam results. The percent change comparison represents a relative learning difference between the specific school and demographically similar schools.

Scatter Plot. A visual representation of the exam results for all students. The purpose of the scatter plot is to provide you with a visual reference for the ranges in results.

Subjects. For each topic, questions are grouped using 4-8 subject areas. Subjects generally correspond to the school's learning outcomes associated with each topic. In using these data, consider the Subject is the Learning Outcome without the verb.

Subtopic. For the topics of Economics and Management, there are identified subtopics. For the topic of Economics, the subtopics are Macroeconomics and Microeconomics. For the topic of Management, the subtopics are Operations/Production Management, Human Resource Management, and Organizational Behavior. NOTE: When analyzing and evaluating the sub-topic scores, the cumulative totals of the subtopic scores (percentages) will not equal the topic score. The subtopic scores are based on the number of questions answered correctly for that specific subtopic. For example, getting 2 out 3 questions correct for the subtopic of Human Resource Management is a score of 66.66%, 3 out of 4 correct on Organization Behavior is 75% and 1 out of 3 on Operations/Production Management is 33.33%. The total Management topic score, however, is 2+3+1 = 6 out of 10, or 60%.

Summary Statistics. Includes the mean completion time, sample size, average score, standard deviation, and the min/max/median/mode scores.

Total Exam Score Significance. If a student simply randomly selected responses to questions, the statistical mean of the total score of such a randomly responded to exam would be approximately 30% (+/- 2.5% depending upon the number of questions on the exam). Therefore, exam scores above 30% could be considered significant in terms of measuring actual knowledge levels.

Understanding and Using the Report

The formulas used for percentile calculations are shown within the glossary of terms. Two statistical artifacts could appear on your reports where the percentile rank seems "off" when compared to the calculated values for the percentile benchmarks.

1. **Statistical Artifact #1:** Due to the use of different formulas used to calculate the school's percentile rank and the required scores for specific benchmarks, the school's rank is less than or higher than the required score for a percentile benchmark, usually by a factor of 1 percentile value. When calculating the percentile rank, we use the school's score and simply calculate the percent of scores that are at or below that score. When we calculate the percentile benchmark, we use an interpolation function to determine the required score for a specific percentile. Therefore, we use two different formulas for the percentile values: the first concerns the score and how many at/equal to the given score and the second an interpolation to calculate the desired score. Both use the same distribution list of scores, arranged in sequence from low to high. When we developed the distribution tables, we used 5 decimal points. When we calculated the benchmarks, we also calculated to 5 decimal points. We show, however, two decimal points in the table.

2. **Statistical Artifact #2:** Due to sample size limitations and rounding, the school's rank is less than the required score for a higher percentile benchmark. The lower the number of exams in the pool, the more these situations will occur. For example: the school score is 56.52% and the 85th percentile is 56.52. In this case, both calculations are correct; the issue concerns sample size. With only 586 questions offered in the pool, we have a distribution sample of 15 values. When we do the rank calculation (the 81st), it comes out "low" due to the sample size and the values within the distribution. When we do the calculations of the benchmarks (interpolation), the actual 85th benchmark to 5 decimal places is 56.52377, but rounds to 56.52 in the table. The school's score of 56.52 and the full number is 56.52173 (52/92 correct). The school's value is below the benchmark of 56.52% for the 85th Percentile, but due to rounding, it looks like the school's score should be at the 85th percentile.