Internal Analysis Report

University of the Incarnate Word

7/14/2017 - 8/1/2018

Total Tests = 526
Inbound = 126
Outbound = 400

Academic Level: Bachelors
Aggregate: Located Inside the US
Courses
Inbound: ECON 2301 Principles of Macroeconomics
Outbound: BMGT 4375 Business Policy and Strategy
BMGT 4380 Capstone 1

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Comparison of Inbound Exam Results with Outbound Exam Results

Inbound Outbound

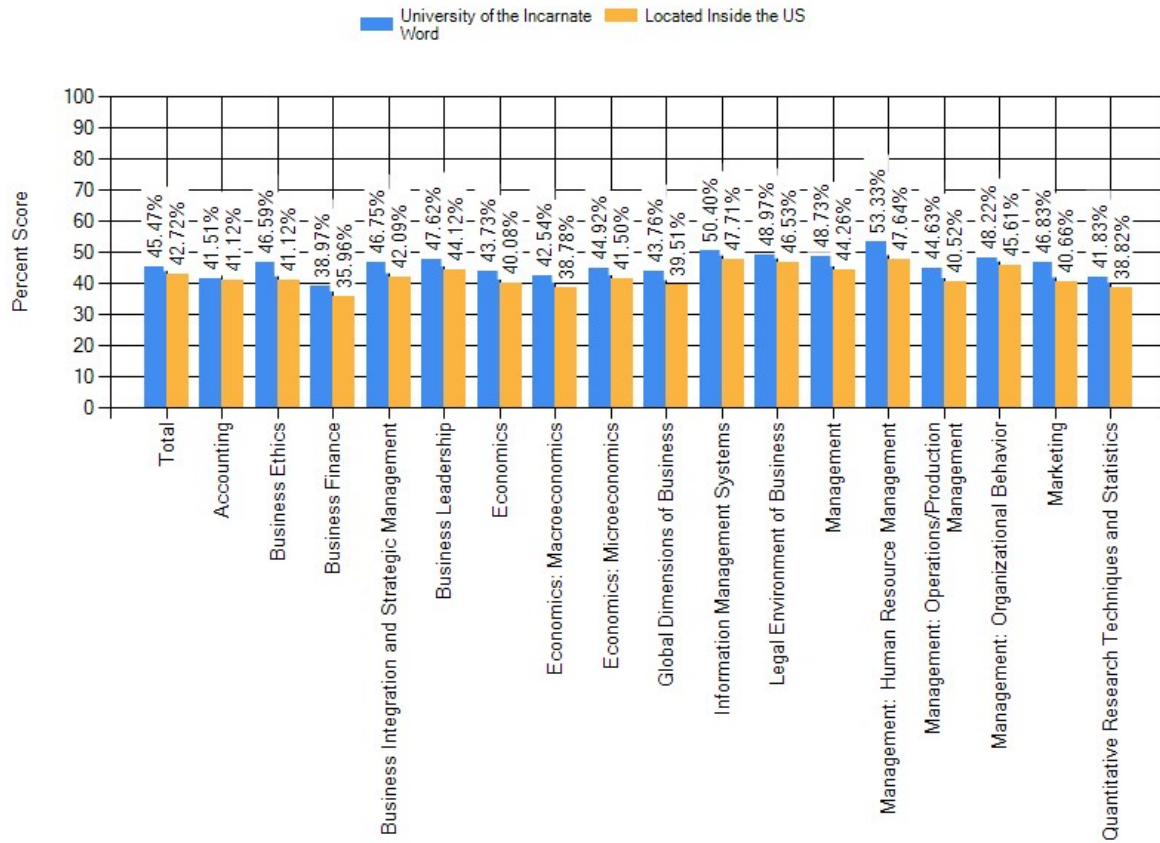| Category	Inbound	Outbound
Total	45.47%	63.07%
Accounting	41.51%	63.00%
Business Ethics	46.59%	65.30%
Business Finance	38.97%	56.05%
Business Integration and Strategic Management	46.75%	67.50%
Business Leadership	47.62%	63.28%
Economics	43.73%	57.15%
Economics: Macroeconomics	42.54%	57.35%
Economics: Microeconomics	44.92%	56.95%
Global Dimensions of Business	43.76%	60.19%
Information Management Systems	50.40%	67.63%
Legal Environment of Business	48.97%	66.83%
Management	48.73%	66.28%
Management: Human Resource Management	53.33%	68.52%
Management: Operations/Production Management	44.63%	62.59%
Management: Organizational Behavior	48.22%	67.69%
Marketing	46.83%	63.60%
Quantitative Research Techniques and Statistics	41.83%	60.08%

Total Score Comparison

38.71% Percentage change from Inbound to Outbound

Sample Size: Inbound = 126, Outbound = 400

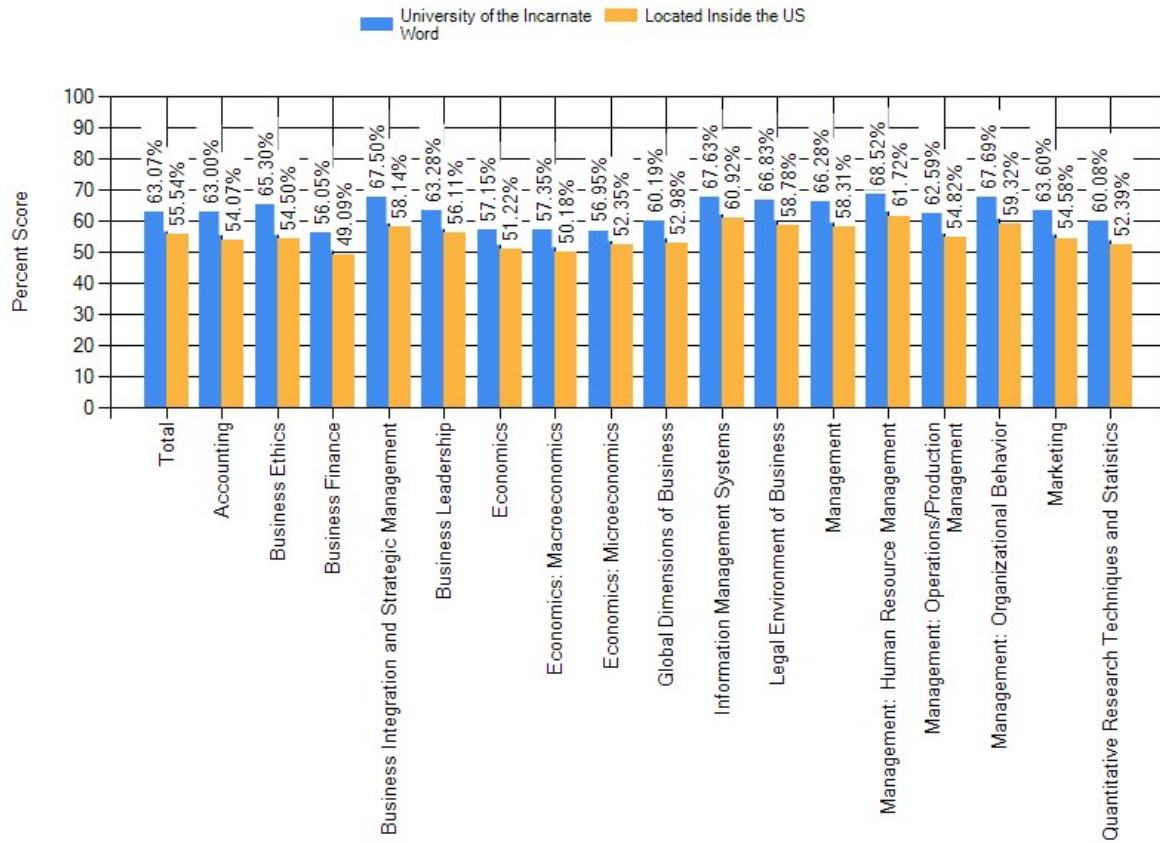Mean Completion Time (mins): Inbound = 77.9, Outbound = 129

Inbound Exam

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

Category	University of the Incarnate Word	Located Inside the US
Total	45.47%	42.72%
Accounting	41.51%	41.12%
Business Ethics	46.59%	41.12%
Business Finance	38.97%	35.96%
Business Integration and Strategic Management	46.75%	42.09%
Business Leadership	47.62%	44.12%
Economics	43.73%	40.08%
Economics: Macroeconomics	42.54%	38.78%
Economics: Microeconomics	44.92%	41.50%
Global Dimensions of Business	43.76%	39.51%
Information Management Systems	50.40%	47.71%
Legal Environment of Business	48.97%	46.53%
Management	48.73%	44.26%
Management: Human Resource Management	53.33%	47.64%
Management: Operations/Production Management	44.63%	40.52%
Management: Organizational Behavior	48.22%	45.61%
Marketing	46.83%	40.66%
Quantitative Research Techniques and Statistics	41.83%	38.82%

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	1260	41.51%	346954	41.12%	50	37.25%	40.61%	43.65%	47.12%
Business Ethics	1260	46.59%	309759	41.12%	80	37.10%	40.66%	43.90%	47.56%
Business Finance	1260	38.97%	278481	35.96%	73	31.94%	34.96%	37.70%	41.70%
Business Integration and Strategic Management	1260	46.75%	325525	42.09%	77	38.02%	41.19%	44.33%	48.28%
Business Leadership	1260	47.62%	299621	44.12%	71	40.49%	43.51%	46.61%	49.81%
Economics	1260	43.73%	250290	40.08%	73	36.40%	39.15%	42.18%	46.63%
Economics: Macroeconomics	630	42.54%	131815	38.78%	71	34.22%	37.70%	41.32%	46.12%
Economics: Microeconomics	630	44.92%	118390	41.50%	68	36.80%	40.74%	44.22%	49.09%
Global Dimensions of Business	1259	43.76%	241772	39.51%	76	35.67%	38.87%	41.74%	45.50%
Information Management Systems	1260	50.40%	273173	47.71%	63	43.25%	47.29%	50.76%	55.13%
Legal Environment of Business	1260	48.97%	318776	46.53%	59	41.55%	46.33%	50.00%	54.03%
Management	1260	48.73%	245472	44.26%	76	40.00%	43.62%	46.53%	50.67%
Management: Human Resource Management	420	53.33%	68126	47.64%	74	42.42%	47.04%	51.02%	56.60%
Management: Operations/Production Management	419	44.63%	92391	40.52%	70	35.29%	39.51%	43.24%	48.10%
Management: Organizational Behavior	421	48.22%	84741	45.61%	65	40.63%	44.78%	48.20%	53.56%
Marketing	1260	46.83%	295689	40.66%	81	36.33%	40.18%	43.40%	47.62%
Quantitative Research Techniques and Statistics	1260	41.83%	247141	38.82%	72	35.20%	38.14%	40.76%	43.80%
Summary	**15119**	**45.47%**	**3432653**	**42.72%**	69	39.04%	42.34%	44.82%	48.40%

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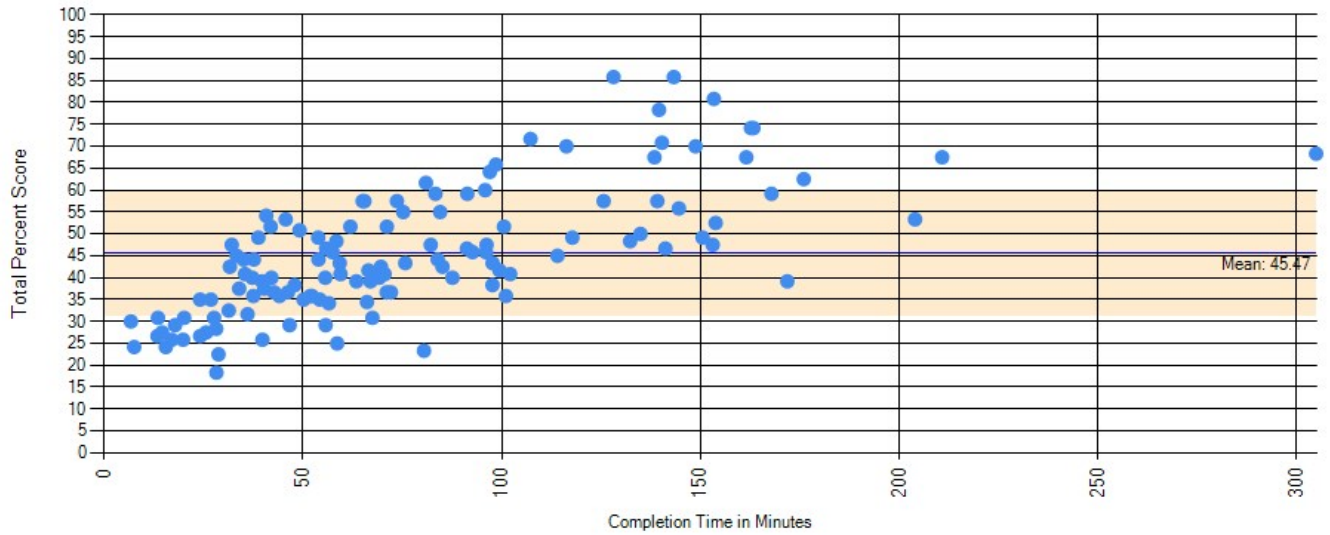
Outbound Exam

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

Category	University of the Incarnate Word	Located Inside the US
Total	63.07%	55.54%
Accounting	63.00%	54.07%
Business Ethics	65.30%	54.50%
Business Finance	56.05%	49.09%
Business Integration and Strategic Management	67.50%	58.14%
Business Leadership	63.28%	56.11%
Economics	57.15%	51.22%
Economics: Macroeconomics	57.35%	50.18%
Economics: Microeconomics	56.95%	52.35%
Global Dimensions of Business	60.19%	52.98%
Information Management Systems	67.63%	60.92%
Legal Environment of Business	66.83%	58.78%
Management	66.28%	58.31%
Management: Human Resource Management	68.52%	61.72%
Management: Operations/Production Management	62.59%	54.82%
Management: Organizational Behavior	67.69%	59.32%
Marketing	63.60%	54.58%
Quantitative Research Techniques and Statistics	60.08%	52.39%

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	4000	63.00%	846833	54.07%	85	48.66%	53.02%	57.45%	62.82%
Business Ethics	4000	65.30%	780770	54.50%	87	48.15%	53.14%	58.37%	64.21%
Business Finance	4000	56.05%	751971	49.09%	78	43.00%	47.67%	52.21%	58.30%
Business Integration and Strategic Management	4000	67.50%	882711	58.14%	83	51.37%	56.89%	62.00%	68.16%
Business Leadership	4000	63.28%	726958	56.11%	78	50.21%	54.83%	59.67%	65.51%
Economics	4000	57.15%	692548	51.22%	77	46.50%	50.28%	54.22%	58.83%
Economics: Macroeconomics	2000	57.35%	363226	50.18%	80	44.67%	49.11%	53.33%	58.82%
Economics: Microeconomics	2000	56.95%	329900	52.35%	71	47.25%	51.63%	55.68%	60.61%
Global Dimensions of Business	3996	60.19%	671552	52.98%	78	46.89%	51.67%	56.36%	62.21%
Information Management Systems	4000	67.63%	737753	60.92%	75	54.94%	59.68%	64.59%	71.00%
Legal Environment of Business	4000	66.83%	769444	58.78%	81	52.93%	57.84%	62.50%	68.19%
Management	4000	66.28%	705799	58.31%	78	51.64%	56.69%	62.21%	68.32%
Management: Human Resource Management	1312	68.52%	198724	61.72%	76	56.00%	60.71%	65.57%	71.15%
Management: Operations/Production Management	1323	62.59%	261274	54.82%	74	46.91%	52.63%	58.97%	67.07%
Management: Organizational Behavior	1365	67.69%	244857	59.32%	78	52.11%	57.81%	63.73%	70.59%
Marketing	4000	63.60%	725793	54.58%	85	48.82%	53.33%	57.83%	63.36%
Quantitative Research Techniques and Statistics	4000	60.08%	684657	52.39%	78	45.67%	50.62%	56.01%	62.54%
Summary	**47996**	**63.07%**	**8976789**	**55.54%**	80	49.87%	54.16%	58.88%	64.32%

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
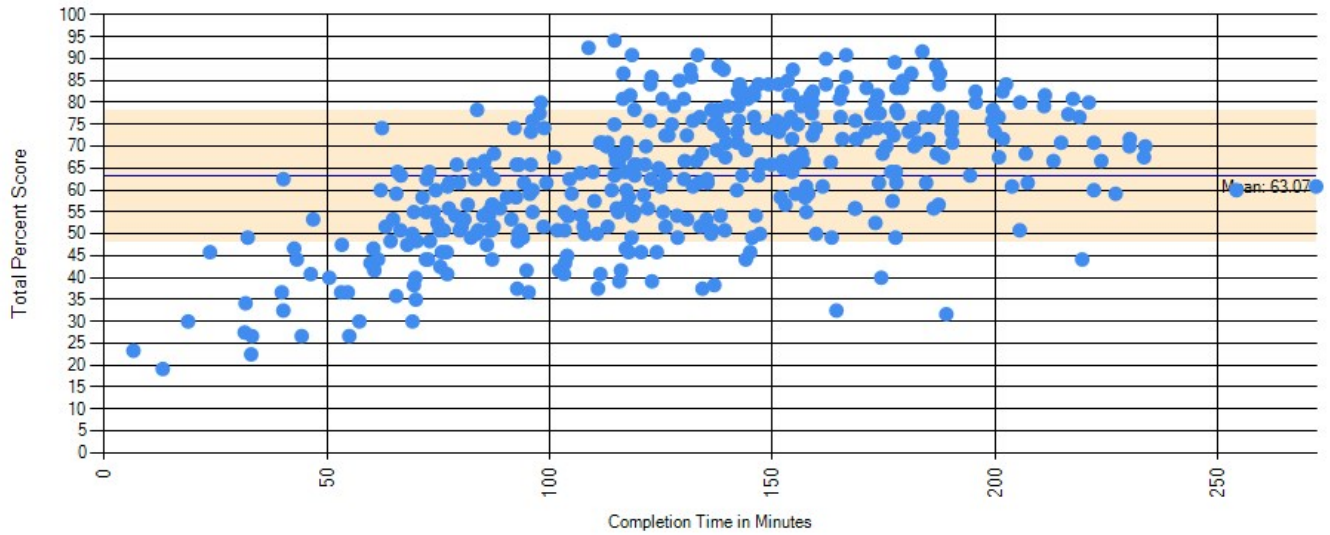

Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 77.95

Mean Score: 45.47%, Max Score: 85.83%, Min Score: 18.33%

Standard Deviation: 14.34

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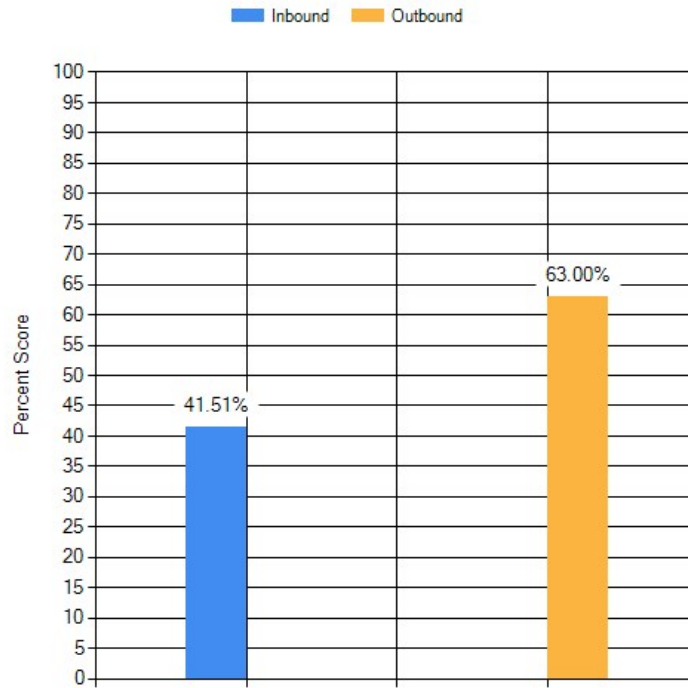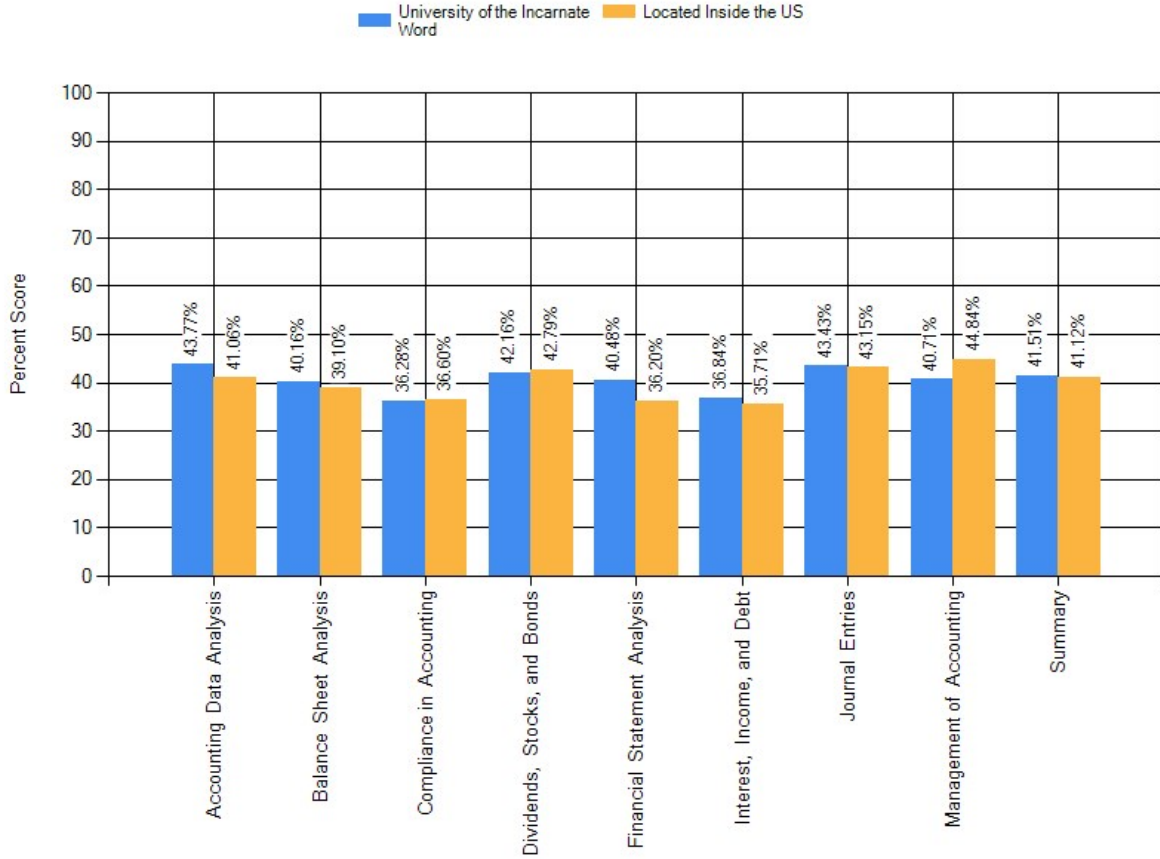
Outbound Exam Total Result

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 129.02

Mean Score: 63.07%, Max Score: 94.17%, Min Score: 19.17%

Standard Deviation: 15.07

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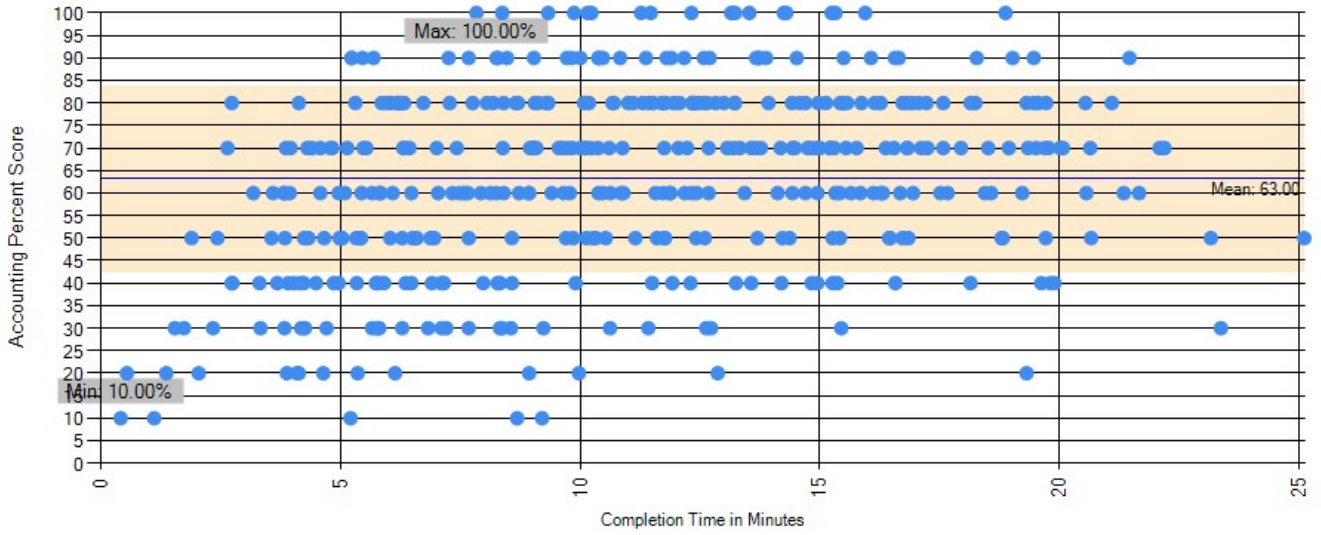
Accounting Score Comparison

51.77% Percentage change from Inbound to Outbound

Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 6.2, Outbound = 11

Accounting Assessment Summary

Assessment Summary Statistics

Accounting	Inbound	Outbound
Sample Size	126	400
Mean Score	41.51%	63.00%
Standard Deviation	21.05	20.80
Min Score	0%	10%
Max Score	90%	100%
Median Score	40%	70%
Mode	30%	80%

Inbound Exam Accounting Result
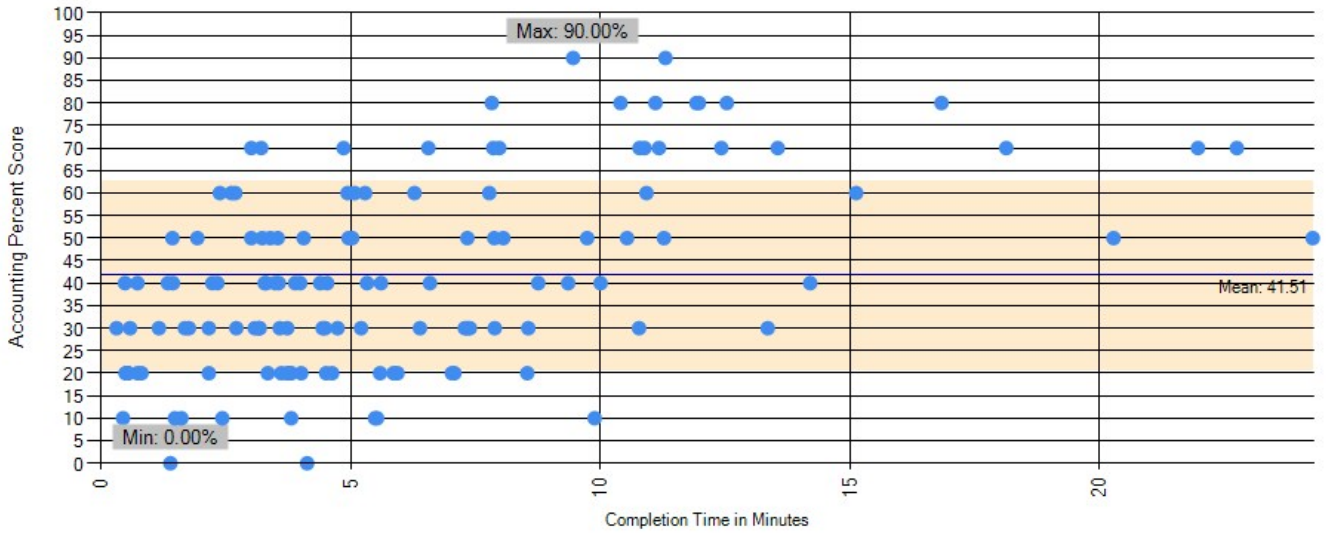
Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 6.17

Mean Score: 41.51%, Max Score: 90.00%, Min Score: 0.00%

Standard Deviation: 21.05

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

Accounting Subject Score Comparison *Inbound Exam*

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
Accounting Data Analysis	281	43.77%	96396	41.06%	*65	35.96%	39.76%	43.64%	49.01%
Balance Sheet Analysis	122	40.16%	33062	39.10%	*53	33.33%	38.30%	42.50%	47.93%
Compliance in Accounting	113	36.28%	19682	36.60%	*53	29.95%	34.29%	40.00%	47.06%
Dividends, Stocks, and Bonds	102	42.16%	14272	42.79%	*49	35.75%	40.82%	45.98%	54.34%
Financial Statement Analysis	84	40.48%	13979	36.20%	*67	28.65%	34.37%	39.53%	47.74%
Interest, Income, and Debt	95	36.84%	14305	35.71%	*55	28.99%	34.38%	39.22%	45.49%
Journal Entries	350	43.43%	129675	43.15%	50	38.21%	42.30%	46.15%	51.15%
Management of Accounting	113	40.71%	22311	44.84%	*37	37.14%	43.16%	50.00%	57.14%
Summary	**1260**	**41.51%**	**343682**	**41.12%**	**50**	**37.25%**	**40.61%**	**43.65%**	**47.12%**

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.

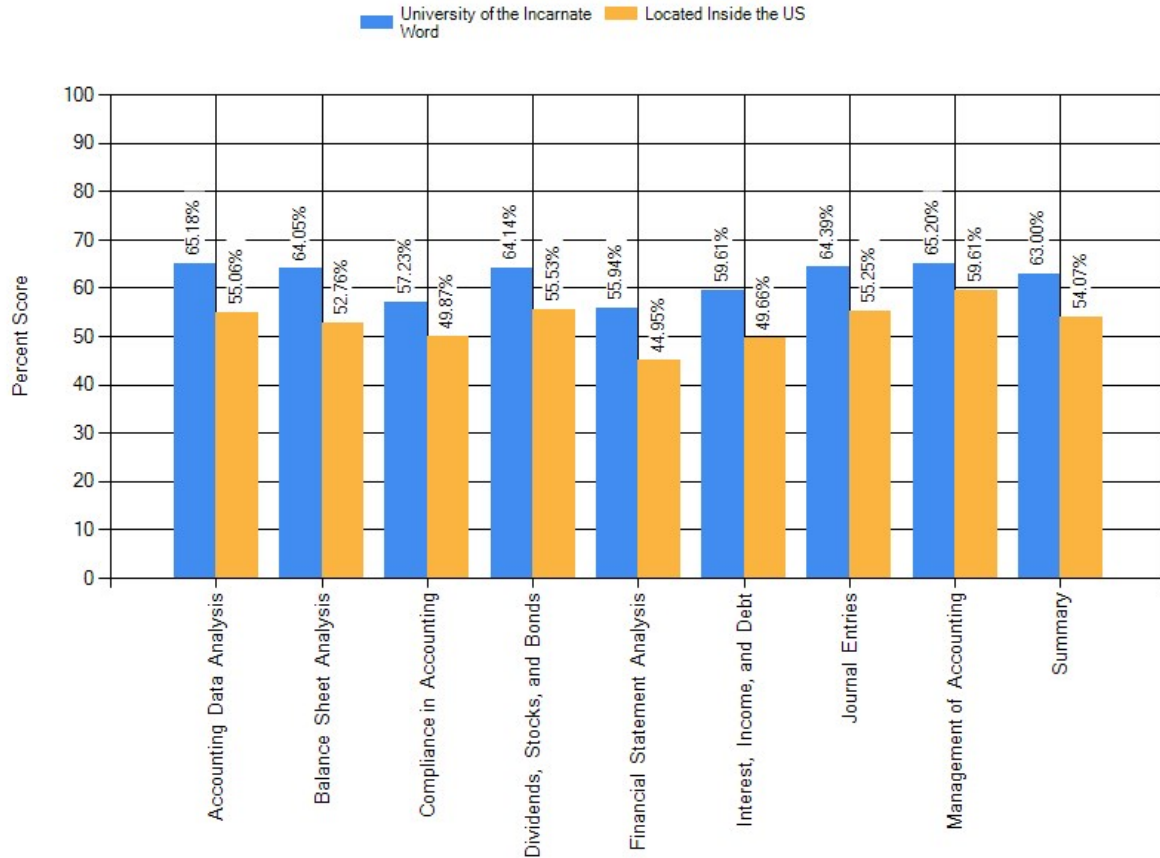# Outbound Exam Accounting Result

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 11.00

Mean Score: 63.00%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 20.80

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

# Accounting Subject Score Comparison *Outbound Exam*

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
Accounting Data Analysis	873	65.18%	231938	55.06%	85	48.78%	53.92%	58.50%	65.06%
Balance Sheet Analysis	370	64.05%	80783	52.76%	85	45.65%	51.23%	57.14%	63.89%
Compliance in Accounting	339	57.23%	48821	49.87%	71	41.03%	47.22%	54.29%	63.35%
Dividends, Stocks, and Bonds	290	64.14%	35723	55.53%	*77	48.48%	54.65%	60.61%	66.67%
Financial Statement Analysis	286	55.94%	35615	44.95%	*81	37.14%	43.27%	49.95%	57.48%
Interest, Income, and Debt	307	59.61%	35980	49.66%	78	41.14%	47.98%	54.84%	62.50%
Journal Entries	1216	64.39%	313537	55.25%	84	49.37%	54.17%	58.98%	64.56%
Management of Accounting	319	65.20%	54637	59.61%	63	50.00%	58.33%	65.71%	73.53%
Summary	4000	63%	837034	54.07%	85	48.66%	53.02%	57.45%	62.82%

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
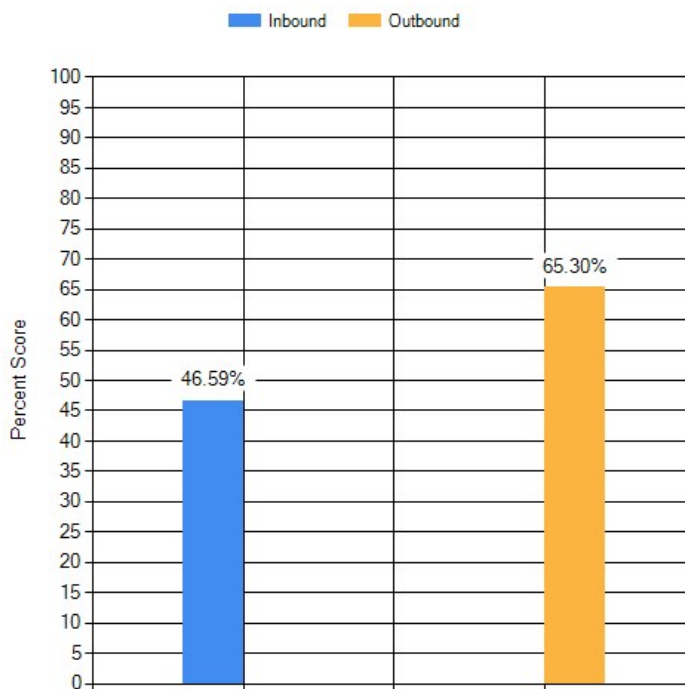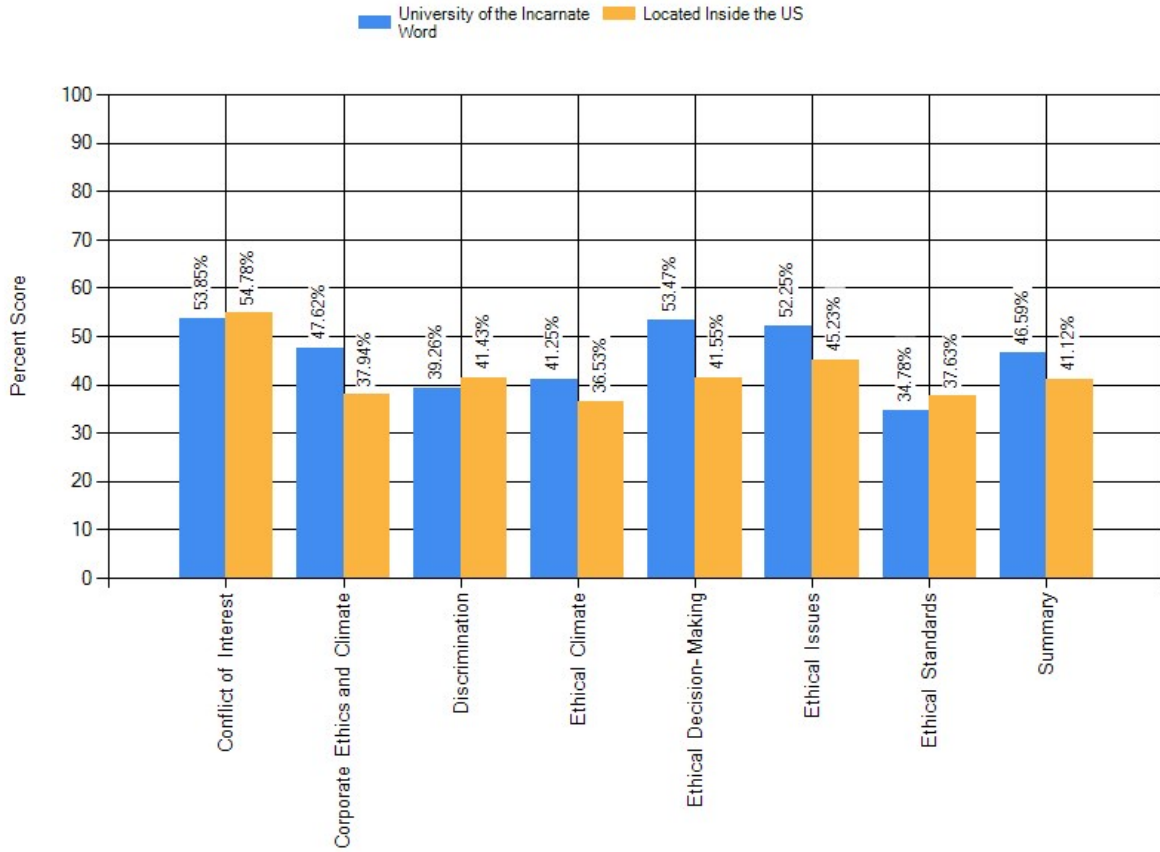
Inbound   Outbound

40.16% Percentage change from Inbound to Outbound

Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 6.3, Outbound = 10.1

Business Ethics Assessment Summary

Assessment Summary Statistics

Business Ethics	Inbound	Outbound
Sample Size	126	400
Mean Score	46.59%	65.30%
Standard Deviation	22.42	21.59
Min Score	0%	0%
Max Score	100%	100%
Median Score	50%	70%
Mode	60%	80%

Inbound Exam Business Ethics Result
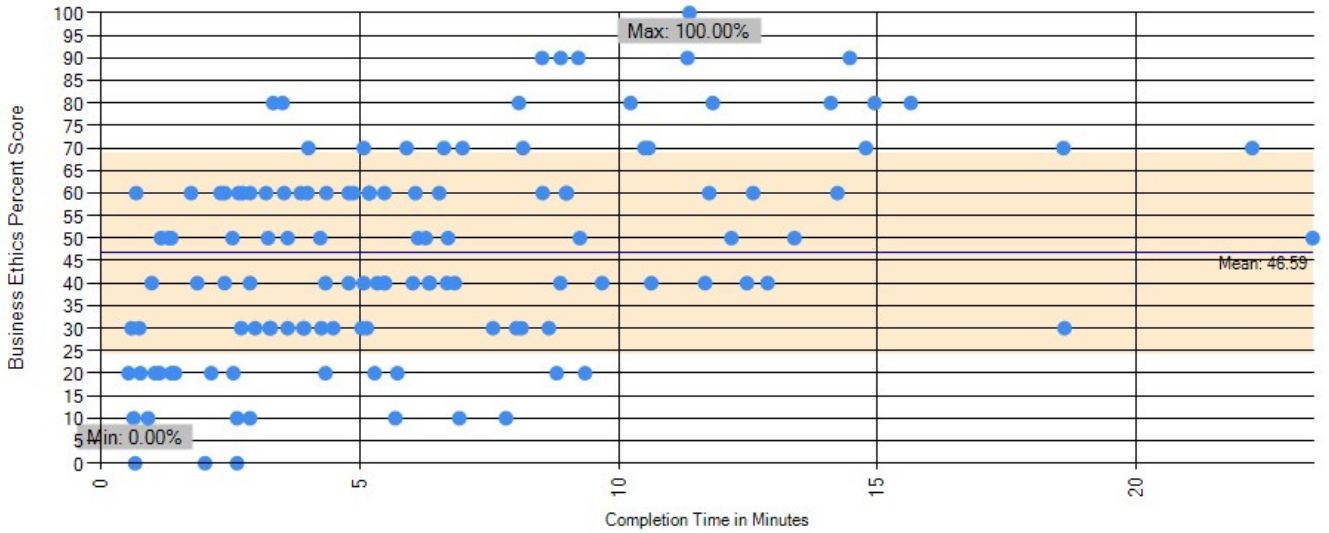
Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 6.35

Mean Score: 46.59%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 22.42

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

Business Ethics Subject Score Comparison *Inbound Exam*

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
Conflict of Interest	143	53.85%	25066	54.78%	*44	47.22%	53.85%	59.72%	65.92%
Corporate Ethics and Climate	210	47.62%	58102	37.94%	*87	32.20%	37.04%	41.38%	46.77%
Discrimination	163	39.26%	33236	41.43%	*43	34.74%	39.59%	45.02%	51.35%
Ethical Climate	160	41.25%	38366	36.53%	*69	30.23%	35.42%	40.00%	46.29%
Ethical Decision-Making	245	53.47%	70070	41.55%	*94	35.94%	40.68%	45.16%	50.00%
Ethical Issues	178	52.25%	42266	45.23%	*79	39.22%	44.68%	48.86%	54.00%
Ethical Standards	161	34.78%	40825	37.63%	*38	31.56%	36.36%	40.82%	46.29%
Summary	1260	46.59%	307931	41.12%	80	37.10%	40.66%	43.90%	47.56%

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.

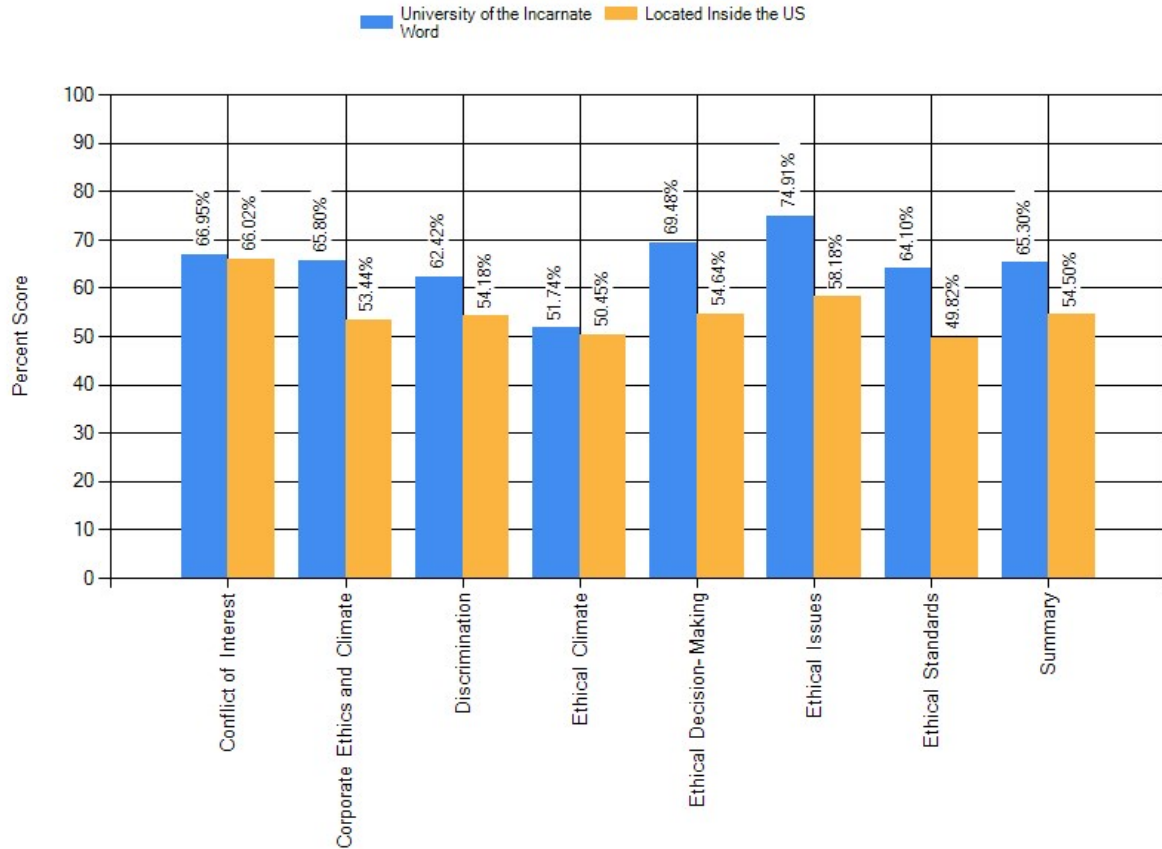# Outbound Exam Business Ethics Result

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 10.07

Mean Score: 65.30%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 21.59

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

# Business Ethics Subject Score Comparison *Outbound Exam*

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

Category	University of the Incarnate Word	Located Inside the US
Conflict of Interest	66.95%	66.02%
Corporate Ethics and Climate	65.80%	53.44%
Discrimination	62.42%	54.18%
Ethical Climate	51.74%	50.45%
Ethical Decision-Making	69.48%	54.64%
Ethical Issues	74.91%	58.18%
Ethical Standards	64.10%	49.82%
Summary	65.30%	54.50%

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
Conflict of Interest	463	66.95%	64490	66.02%	52	58.97%	64.96%	70.91%	77.78%
Corporate Ethics and Climate	652	65.80%	145369	53.44%	83	44.62%	51.72%	58.62%	66.67%
Discrimination	479	62.42%	84860	54.18%	75	46.67%	53.14%	58.94%	66.54%
Ethical Climate	547	51.74%	96434	50.45%	53	42.61%	48.94%	54.90%	61.90%
Ethical Decision-Making	783	69.48%	174563	54.64%	90	47.06%	52.85%	58.73%	66.10%
Ethical Issues	530	74.91%	106159	58.18%	93	51.06%	56.60%	62.50%	69.39%
Ethical Standards	546	64.10%	102182	49.82%	90	42.50%	48.78%	54.08%	61.36%
Summary	4000	65.3%	774057	54.50%	87	48.15%	53.14%	58.37%	64.21%

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.
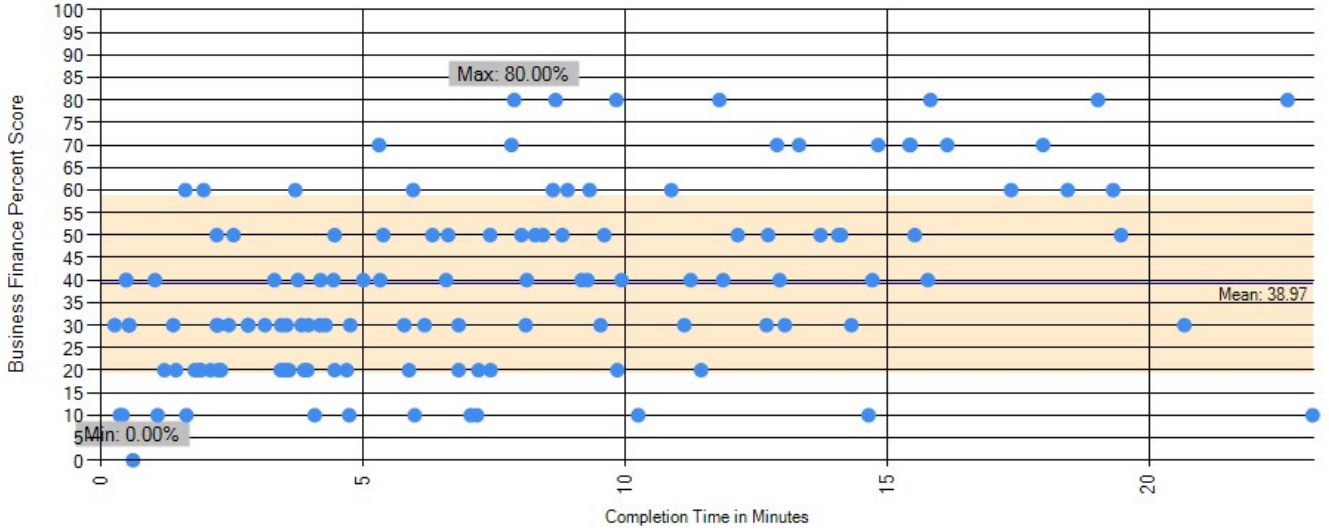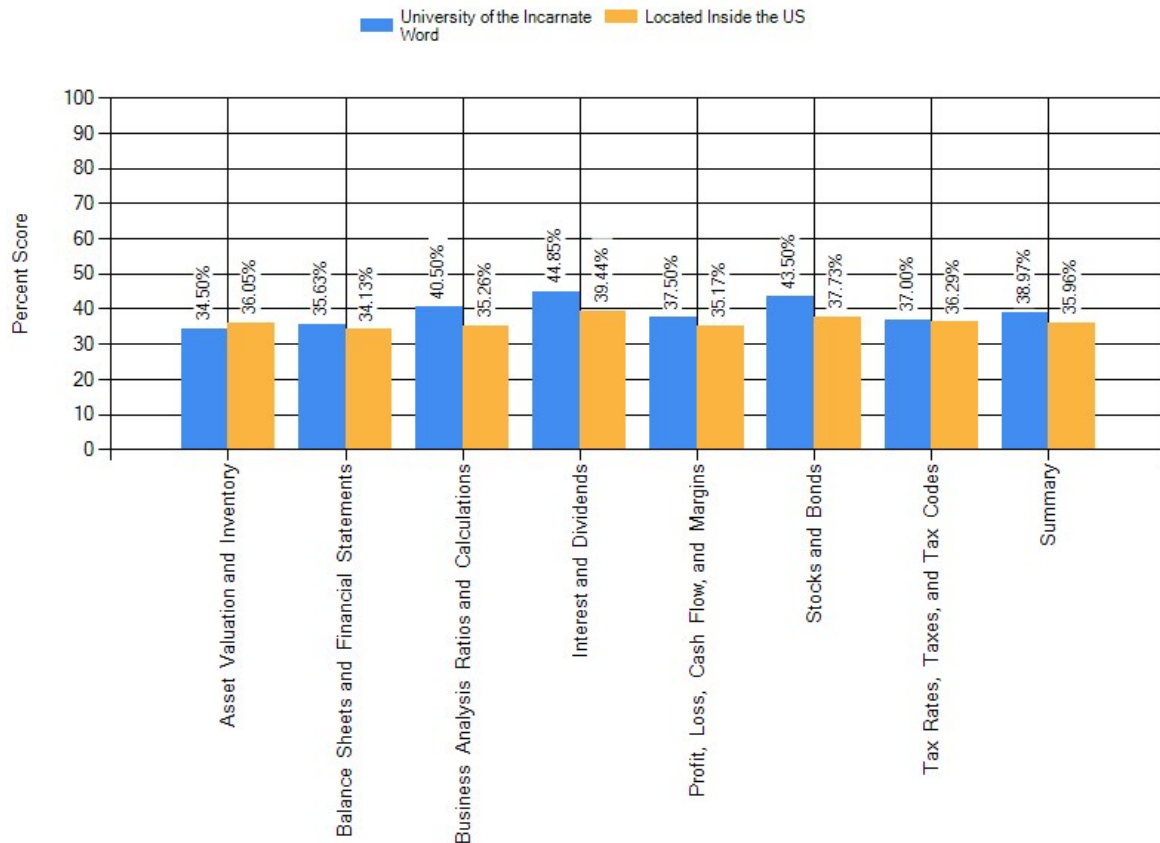
Business Finance Score Comparison
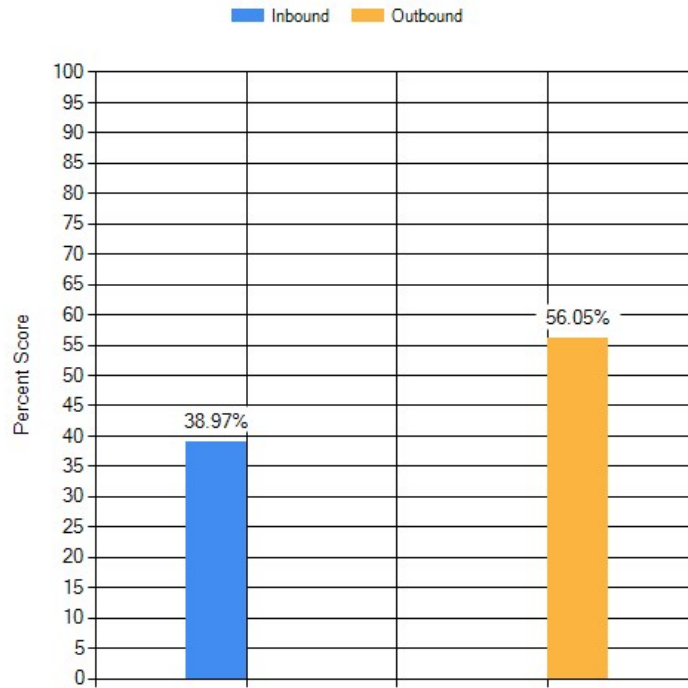
43.83% Percentage change from Inbound to Outbound

Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 7.7, Outbound = 12.2

Business Finance Assessment Summary

Assessment Summary Statistics

Business Finance	Inbound	Outbound
Sample Size	126	400
Mean Score	38.97%	56.05%
Standard Deviation	19.79	21.99
Min Score	0%	0%
Max Score	80%	100%
Median Score	40%	60%
Mode	30%	50%

Inbound Exam Business Finance Result

Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 7.65

Mean Score: 38.97%, Max Score: 80.00%, Min Score: 0.00%

Standard Deviation: 19.79

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

Business Finance Subject Score Comparison *Inbound Exam*

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
Asset Valuation and Inventory	171	34.50%	37448	36.05%	*45	29.41%	34.21%	39.55%	45.83%
Balance Sheets and Financial Statements	174	35.63%	50141	34.13%	*61	28.57%	32.14%	36.53%	42.37%
Business Analysis Ratios and Calculations	242	40.50%	68359	35.26%	*75	29.85%	33.85%	37.85%	43.64%
Interest and Dividends	136	44.85%	22748	39.44%	*72	32.50%	38.10%	43.24%	49.30%
Profit, Loss, Cash Flow, and Margins	160	37.50%	28911	35.17%	*62	29.48%	34.04%	38.12%	43.90%
Stocks and Bonds	177	43.50%	43402	37.73%	*76	31.82%	36.17%	40.43%	47.17%
Tax Rates, Taxes, and Tax Codes	200	37.00%	24938	36.29%	*53	30.00%	34.61%	39.47%	45.24%
Summary	1260	38.97%	275947	35.96%	73	31.94%	34.96%	37.70%	41.70%

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.

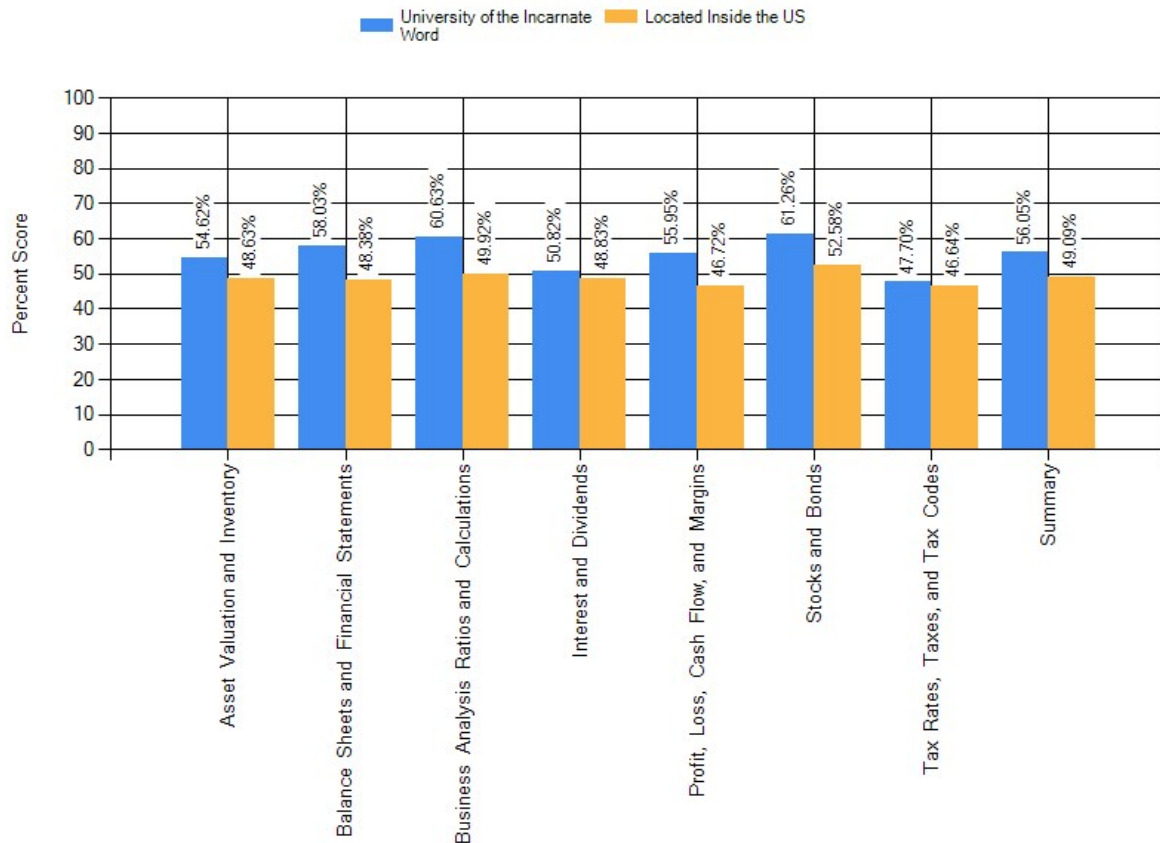# Outbound Exam Business Finance Result
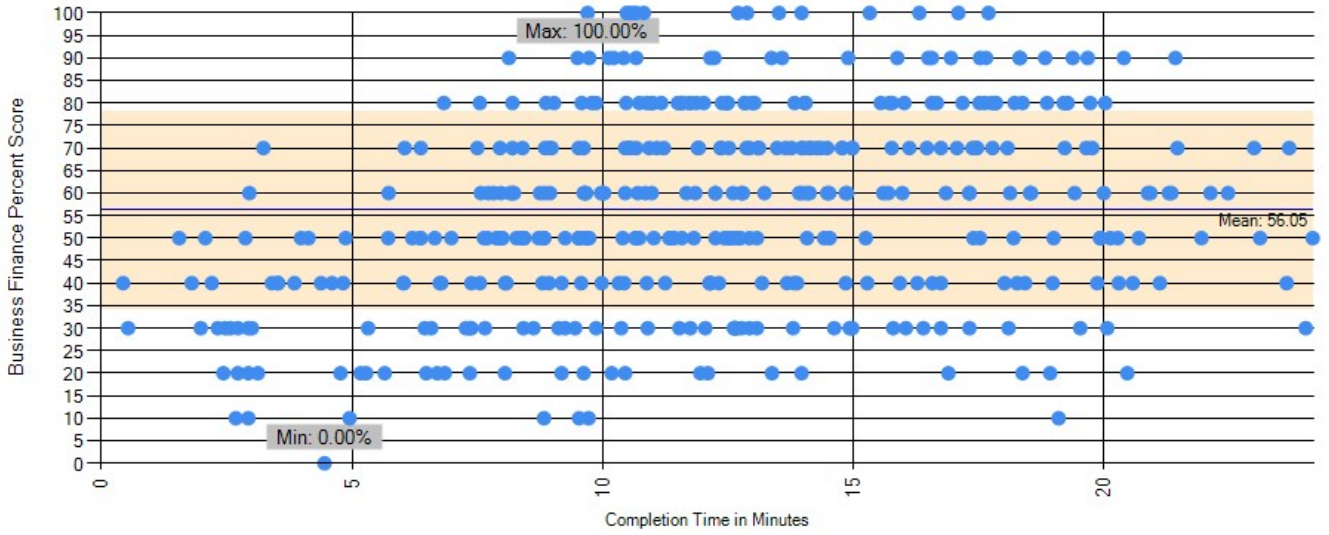
Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 12.20

Mean Score: 56.05%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 21.99

* 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
Asset Valuation and Inventory	520	54.62%	101126	48.63%	71	41.30%	47.06%	52.38%	59.65%
Balance Sheets and Financial Statements	610	58.03%	132992	48.38%	82	41.18%	47.06%	52.54%	59.57%
Business Analysis Ratios and Calculations	729	60.63%	175815	49.92%	84	42.62%	48.33%	53.99%	60.87%
Interest and Dividends	486	50.82%	65837	48.83%	56	41.28%	47.50%	52.79%	60.00%
Profit, Loss, Cash Flow, and Margins	529	55.95%	80832	46.72%	79	39.29%	45.10%	51.06%	58.14%
Stocks and Bonds	604	61.26%	116127	52.58%	78	44.90%	51.02%	56.86%	63.83%
Tax Rates, Taxes, and Tax Codes	522	47.70%	72236	46.64%	55	38.64%	44.68%	50.00%	58.33%
Summary	**4000**	**56.05%**	**744965**	**49.09%**	**78**	**43.00%**	**47.67%**	**52.21%**	**58.30%**

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

Business Integration and Strategic Management Score Comparison
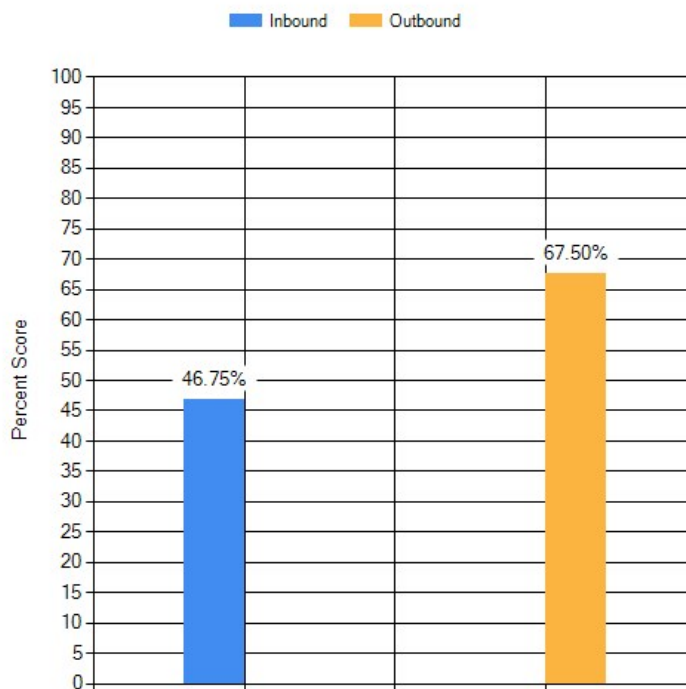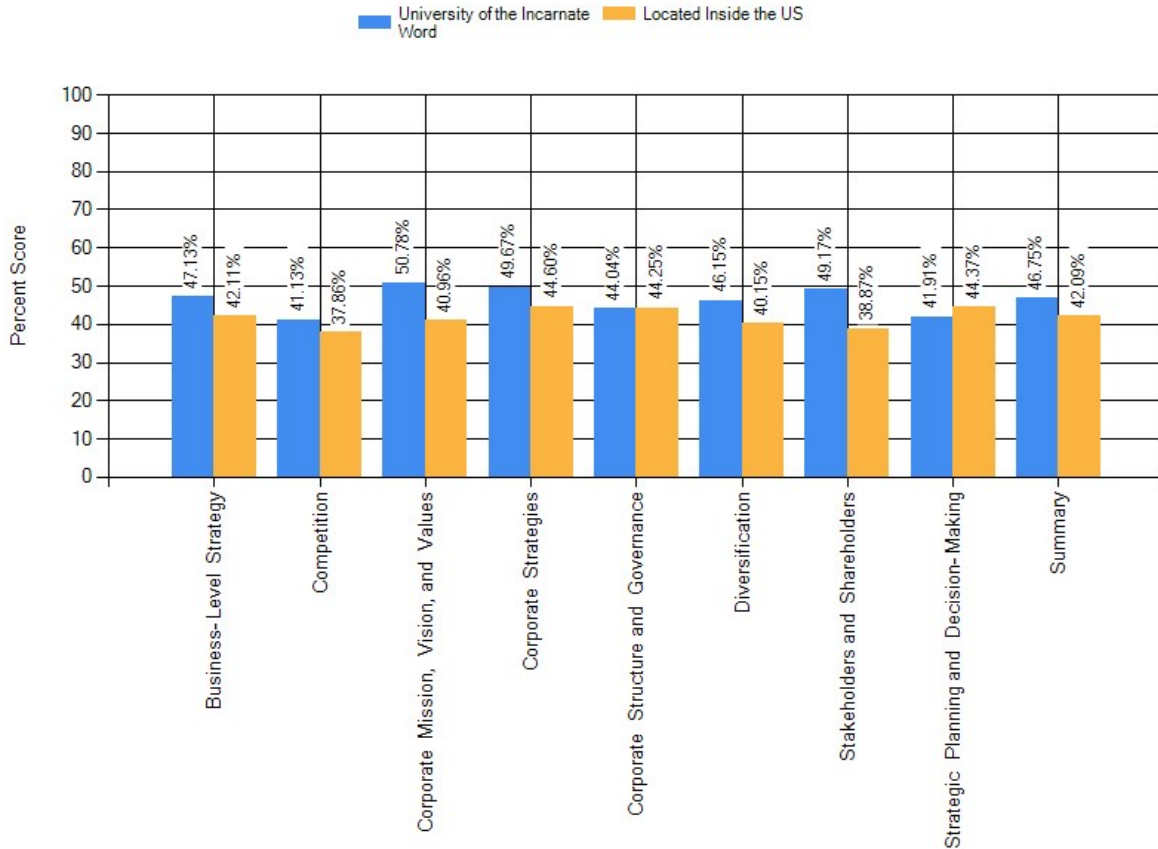
Inbound   Outbound

44.39% Percentage change from Inbound to Outbound

Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 6.6, Outbound = 10.3

Business Integration and Strategic Management Assessment Summary

Assessment Summary Statistics

Business Integration and Strategic Management	Inbound	Outbound
Sample Size	126	400
Mean Score	46.75%	67.50%
Standard Deviation	21.90	23.11
Min Score	0%	0%
Max Score	100%	100%
Median Score	40%	70%
Mode	40%	90%

Inbound Exam Business Integration and Strategic Management Result
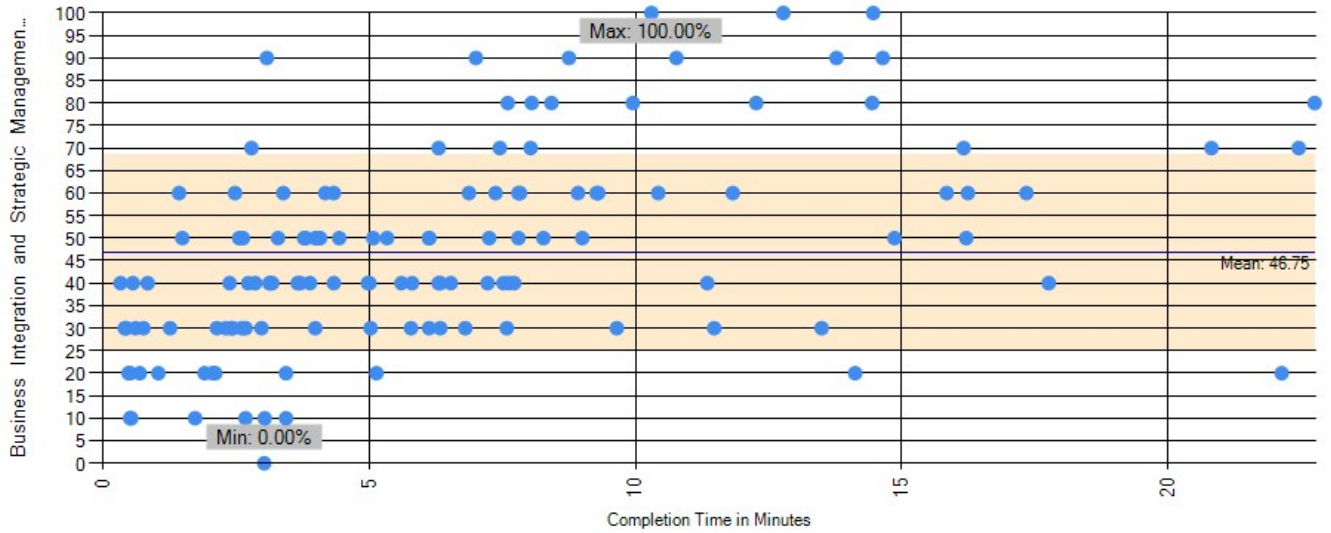
Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 6.57

Mean Score: 46.75%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 21.90

* 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-Level Strategy	157	47.13%	42359	42.11%	*72	36.36%	40.82%	45.10%	51.11%
Competition	124	41.13%	32691	37.86%	*65	31.91%	36.36%	40.91%	46.51%
Corporate Mission, Vision, and Values	128	50.78%	17820	40.96%	*81	34.29%	39.39%	44.74%	51.52%
Corporate Strategies	304	49.67%	93338	44.60%	73	39.08%	43.53%	47.69%	53.41%
Corporate Structure and Governance	109	44.04%	23982	44.25%	*49	37.84%	42.86%	47.84%	54.42%
Diversification	182	46.15%	51543	40.15%	*77	34.36%	38.98%	43.10%	49.09%
Stakeholders and Shareholders	120	49.17%	28665	38.87%	*88	33.15%	37.43%	41.86%	47.90%
Strategic Planning and Decision-Making	136	41.91%	30997	44.37%	*39	38.10%	43.24%	47.62%	53.66%
Summary	**1260**	**46.75%**	**321395**	**42.09%**	**77**	**38.02%**	**41.19%**	**44.33%**	**48.28%**

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
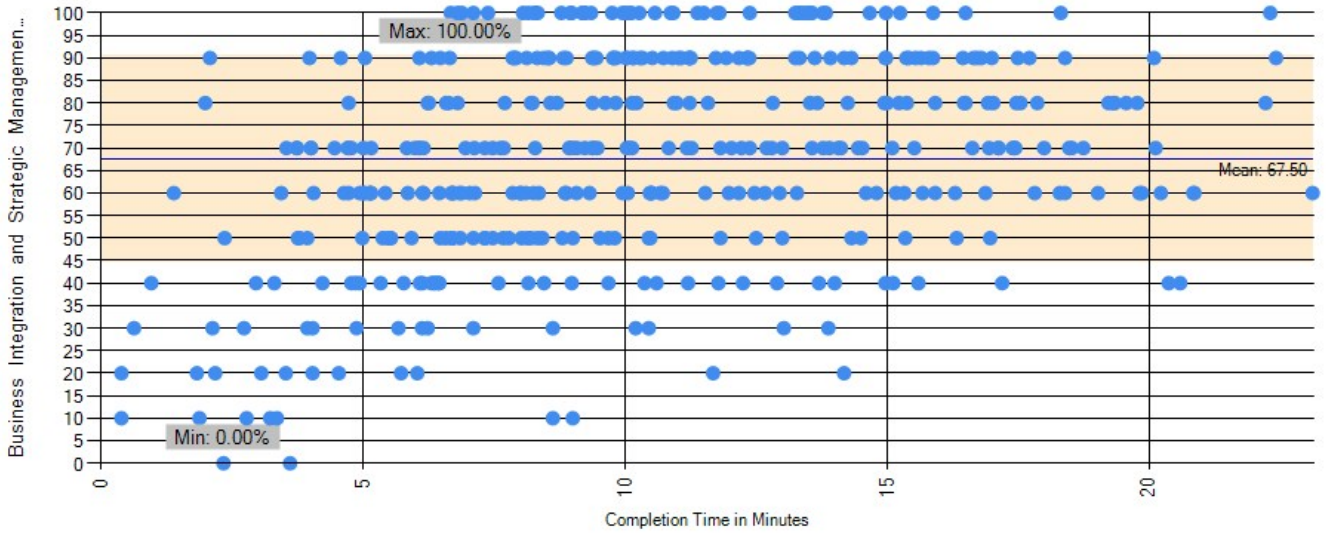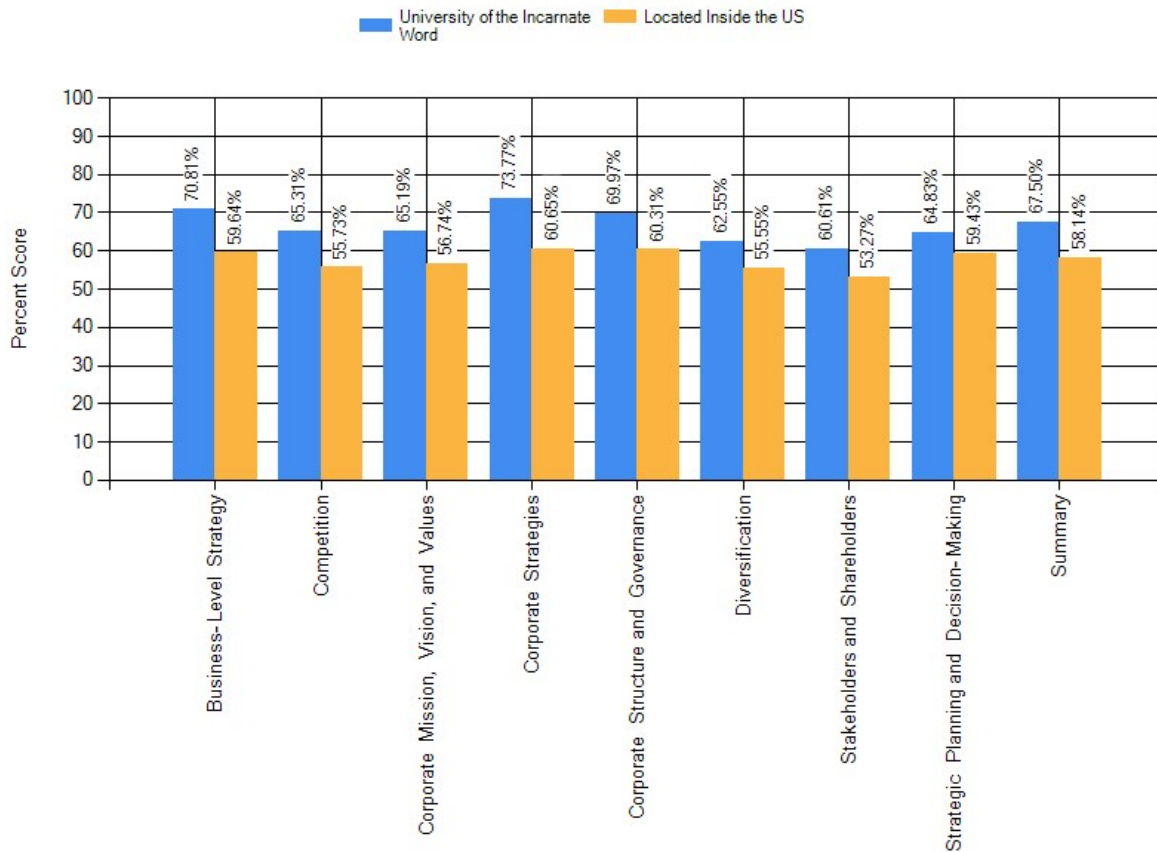

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 10.33

Mean Score: 67.50%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 23.11

* 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 (blue), Located Inside the US (orange)

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-Level Strategy	442	70.81%	113670	59.64%	82	51.72%	57.94%	64.71%	72.00%
Competition	441	65.31%	90320	55.73%	79	47.62%	54.35%	60.50%	68.36%
Corporate Mission, Vision, and Values	385	65.19%	51576	56.74%	78	50.00%	55.56%	60.53%	68.35%
Corporate Strategies	976	73.77%	246919	60.65%	89	53.66%	59.26%	64.89%	71.60%
Corporate Structure and Governance	383	69.97%	68148	60.31%	79	52.78%	59.09%	65.00%	71.79%
Diversification	526	62.55%	137128	55.55%	73	48.21%	54.24%	60.00%	67.27%
Stakeholders and Shareholders	429	60.61%	79527	53.27%	73	45.45%	51.43%	57.89%	65.85%
Strategic Planning and Decision-Making	418	64.83%	84912	59.43%	66	52.08%	58.14%	64.44%	71.43%
Summary	**4000**	**67.5%**	**872200**	**58.14%**	**83**	**51.37%**	**56.89%**	**62.00%**	**68.16%**

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

Business Leadership Score Comparison
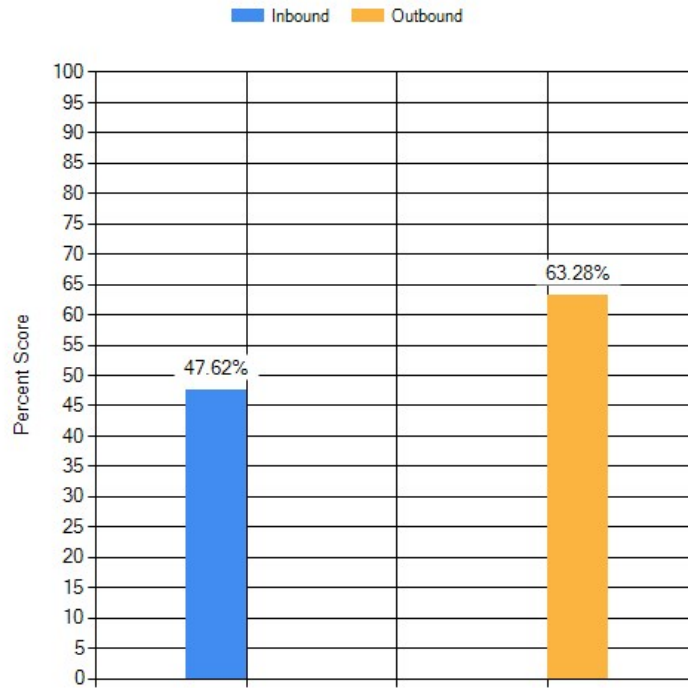
Inbound   Outbound

32.89% Percentage change from Inbound to Outbound

Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 6.3, Outbound = 10.5

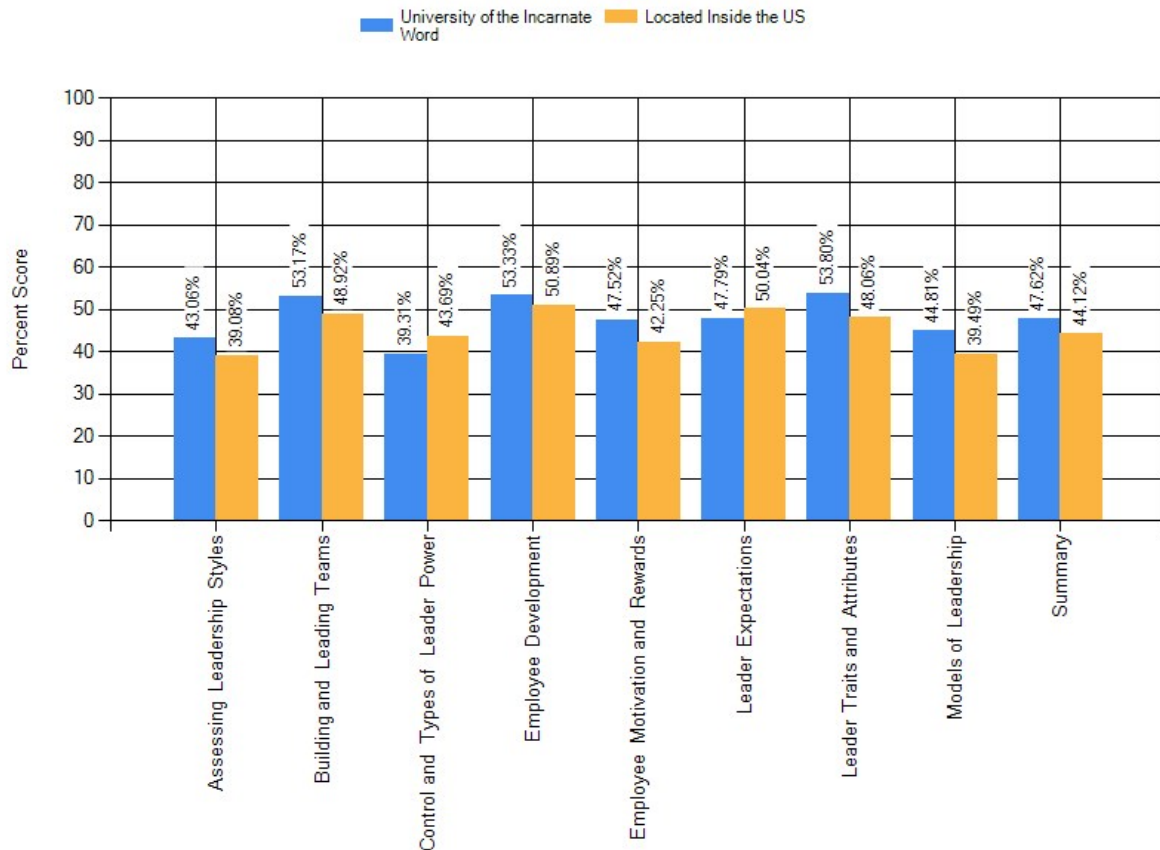# Business Leadership Assessment Summary

Assessment Summary Statistics

Business Leadership	Inbound	Outbound
Sample Size	126	400
Mean Score	47.62%	63.28%
Standard Deviation	20.10	21.11
Min Score	0%	10%
Max Score	90%	100%
Median Score	50%	60%
Mode	50%	60%

Inbound Exam Business Leadership Result
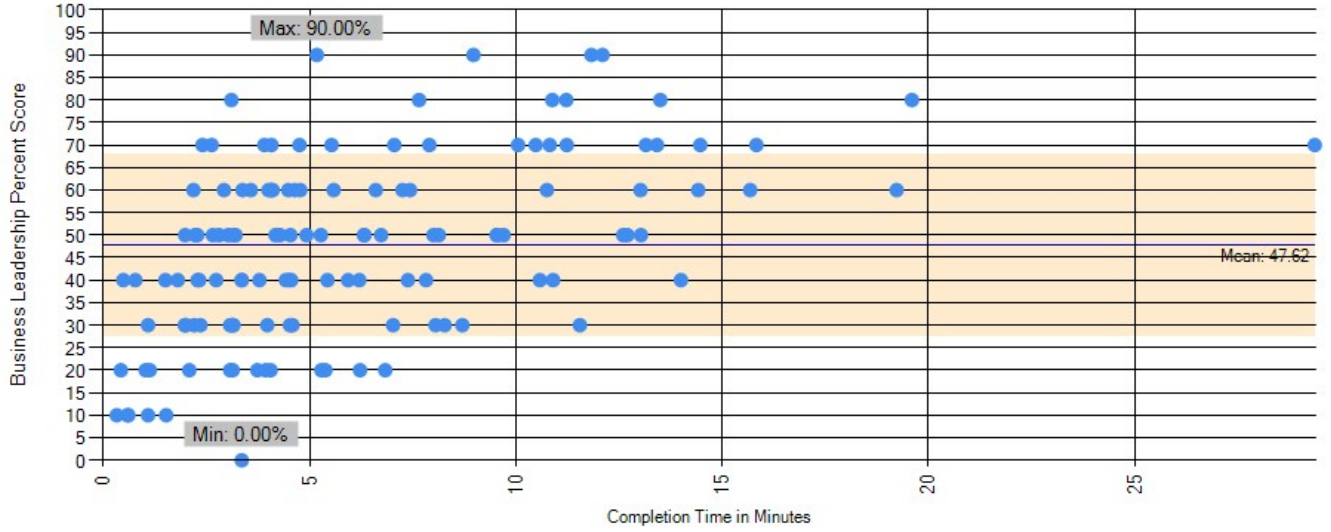
Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 6.27

Mean Score: 47.62%, Max Score: 90.00%, Min Score: 0.00%

Standard Deviation: 20.10

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

Business Leadership Subject Score Comparison *Inbound Exam*

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
Assessing Leadership Styles	144	43.06%	28898	39.08%	*67	33.33%	37.50%	42.22%	47.64%
Building and Leading Teams	126	53.17%	21467	48.92%	*68	42.86%	48.48%	52.78%	58.31%
Control and Types of Leader Power	173	39.31%	46203	43.69%	*30	37.78%	42.86%	47.10%	53.19%
Employee Development	150	53.33%	26665	50.89%	*56	44.44%	50.00%	55.26%	61.11%
Employee Motivation and Rewards	242	47.52%	77510	42.25%	*75	36.84%	41.18%	45.07%	50.00%
Leader Expectations	113	47.79%	16007	50.04%	*43	42.39%	48.01%	53.72%	61.76%
Leader Traits and Attributes	158	53.80%	38659	48.06%	*71	41.67%	46.60%	51.22%	57.78%
Models of Leadership	154	44.81%	40868	39.49%	*74	34.00%	38.30%	42.50%	47.90%
Summary	1260	47.62%	296277	44.12%	71	40.49%	43.51%	46.61%	49.81%

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
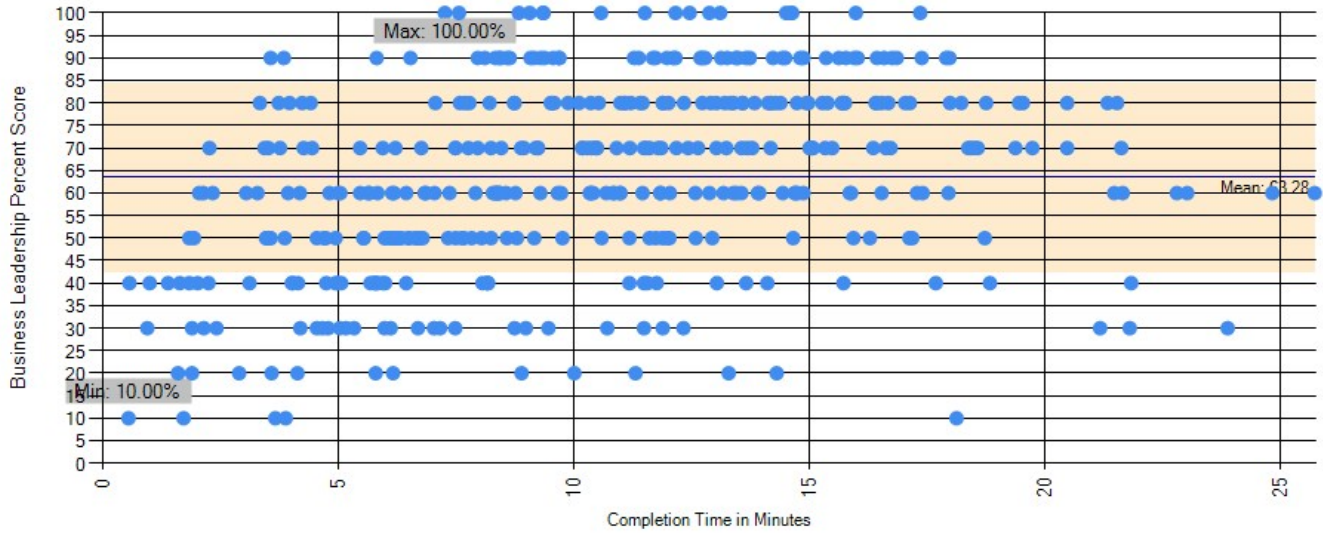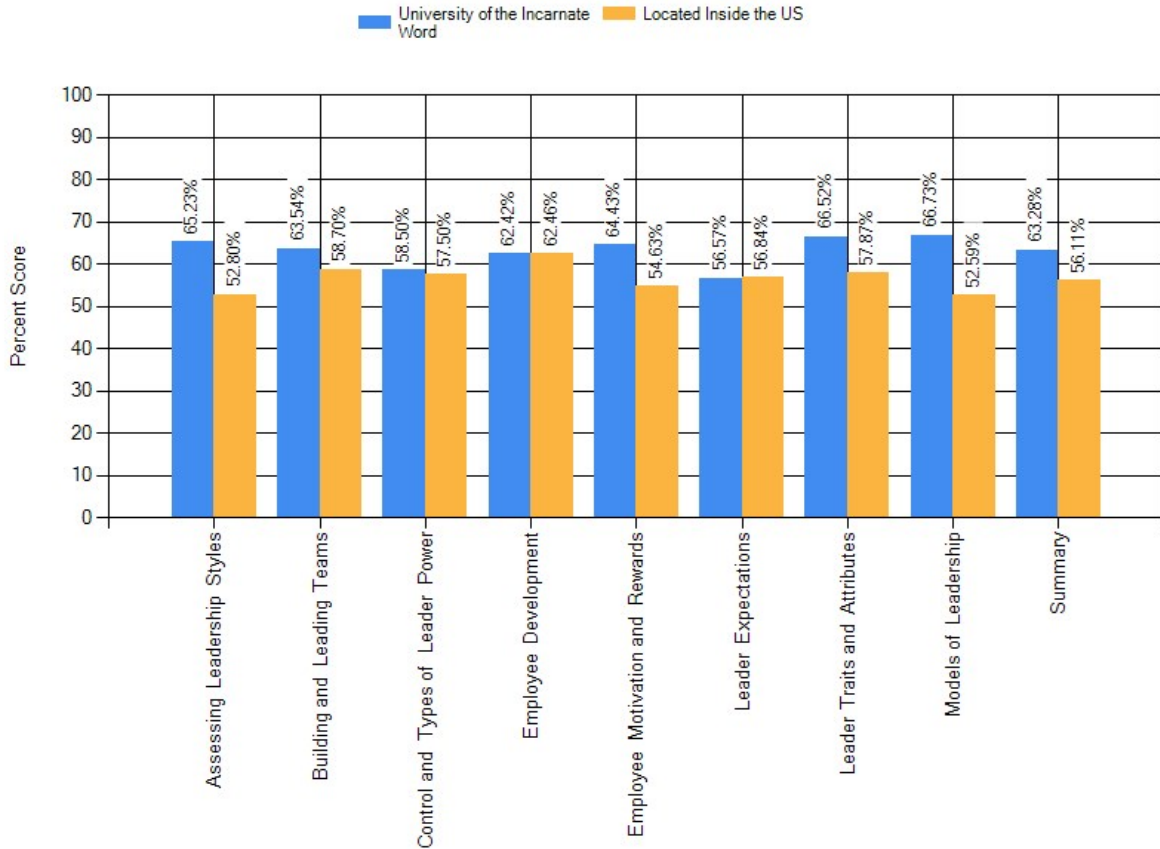

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 10.47

Mean Score: 63.28%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 21.11

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

# Business Leadership Subject Score Comparison *Outbound Exam*

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
Assessing Leadership Styles	486	65.23%	70807	52.80%	84	44.19%	51.22%	57.72%	65.79%
Building and Leading Teams	384	63.54%	52137	58.70%	66	51.50%	57.40%	62.86%	69.85%
Control and Types of Leader Power	535	58.50%	111765	57.50%	52	50.00%	56.36%	62.22%	69.23%
Employee Development	447	62.42%	65696	62.46%	48	55.56%	61.76%	66.67%	73.33%
Employee Motivation and Rewards	821	64.43%	185676	54.63%	81	47.14%	53.09%	58.79%	66.22%
Leader Expectations	350	56.57%	39357	56.84%	50	48.89%	54.84%	61.29%	68.75%
Leader Traits and Attributes	466	66.52%	93869	57.87%	80	51.28%	56.82%	61.70%	68.08%
Models of Leadership	511	66.73%	99004	52.59%	88	44.44%	51.02%	57.45%	64.91%
Summary	**4000**	**63.28%**	**718311**	**56.11%**	**78**	**50.21%**	**54.83%**	**59.67%**	**65.51%**

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

Economics Score Comparison
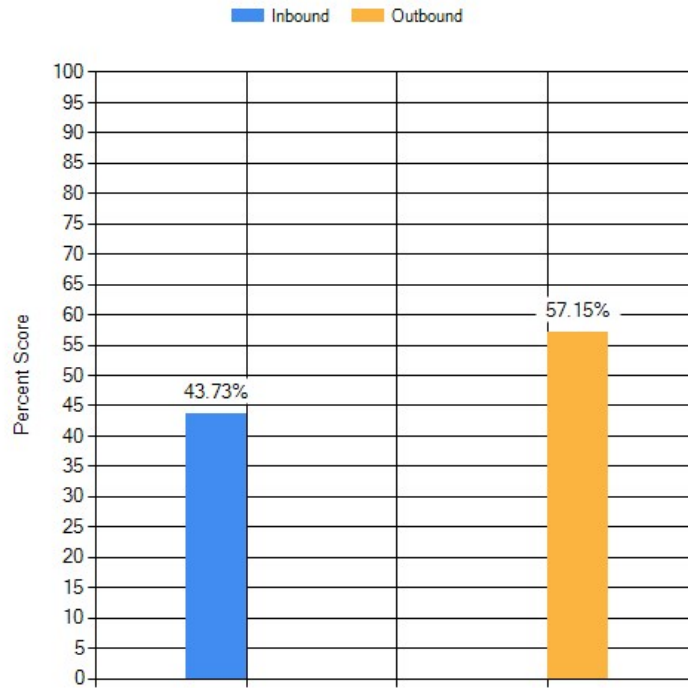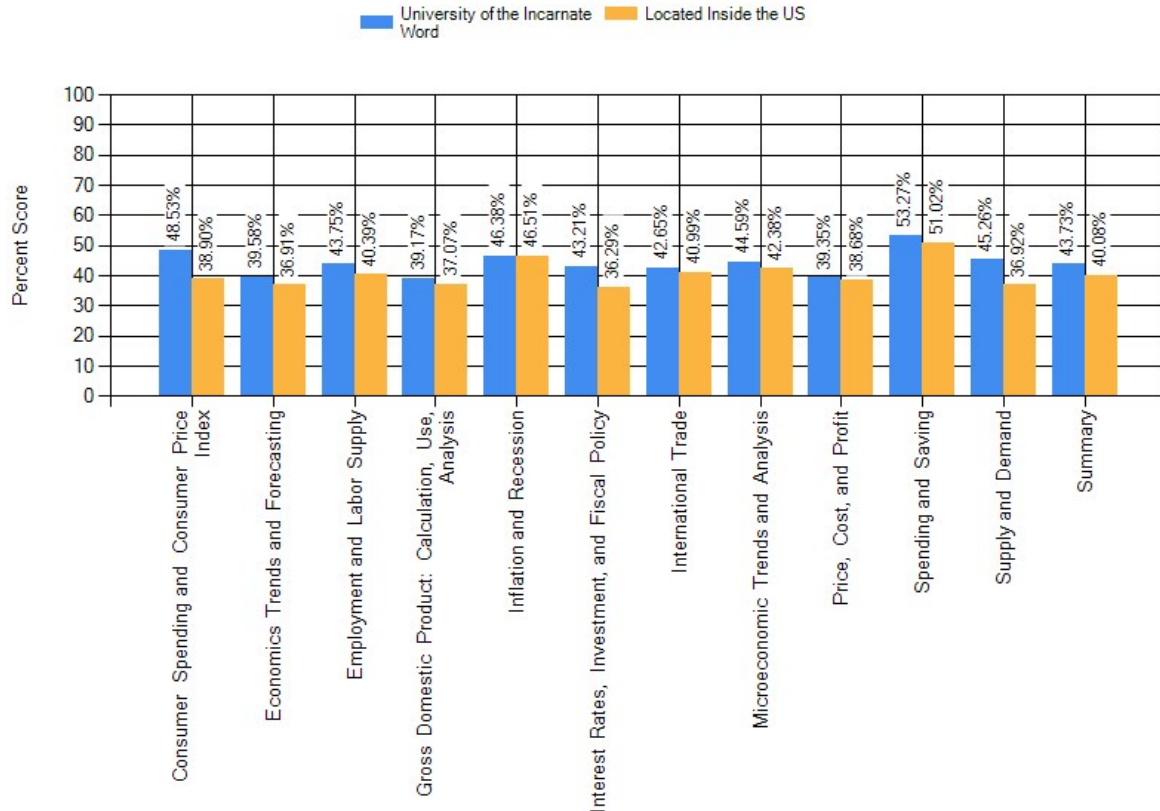
Inbound ■   Outbound ■

30.69% Percentage change from Inbound to Outbound

Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 7.4, Outbound = 12.3

Economics Assessment Summary

Assessment Summary Statistics

Economics	Inbound	Outbound
Sample Size	126	400
Mean Score	43.73%	57.15%
Standard Deviation	21.60	19.60
Min Score	0%	0%
Max Score	100%	100%
Median Score	40%	60%
Mode	60%	50%

Inbound Exam Economics Result
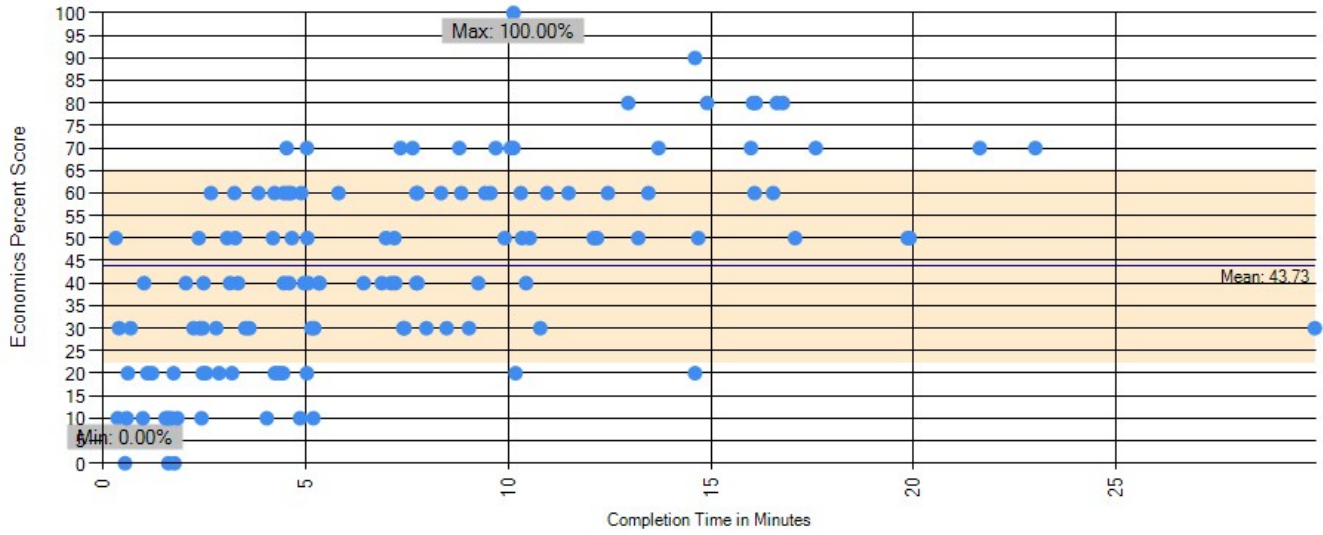
Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 7.40

Mean Score: 43.73%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 21.60

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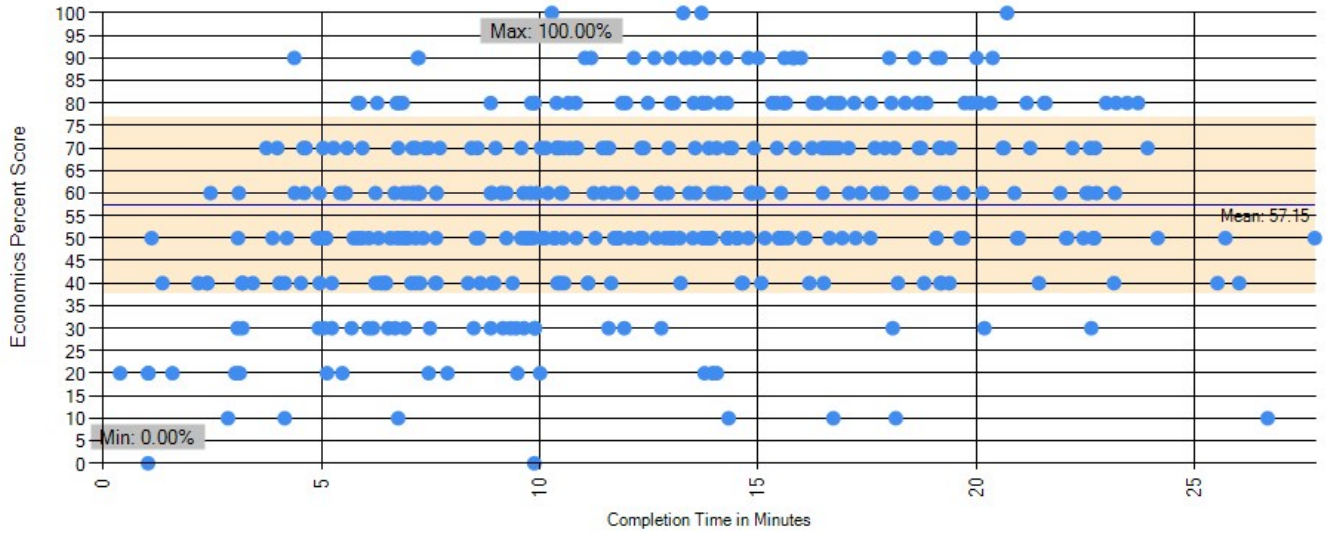
Economics Subject Score Comparison *Inbound Exam*

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

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
Consumer Spending and Consumer Price Index	68	48.53%	10353	38.90%	*86	32.35%	37.50%	42.86%	48.47%
Economics Trends and Forecasting	144	39.58%	31109	36.91%	*63	30.77%	36.00%	40.04%	46.34%
Employment and Labor Supply	80	43.75%	14797	40.39%	*63	33.77%	38.46%	44.74%	50.00%
Gross Domestic Product: Calculation, Use, Analysis	120	39.17%	32762	37.07%	*61	31.82%	35.89%	40.43%	46.00%
Inflation and Recession	69	46.38%	14144	46.51%	*48	39.27%	44.44%	50.92%	57.56%
Interest Rates, Investment, and Fiscal Policy	81	43.21%	14760	36.29%	*77	29.57%	34.38%	39.39%	46.15%
International Trade	68	42.65%	8927	40.99%	*60	33.33%	38.71%	44.12%	51.61%
Microeconomic Trends and Analysis	231	44.59%	47073	42.38%	*60	36.21%	41.38%	45.45%	52.08%
Price, Cost, and Profit	155	39.35%	28972	38.68%	*53	32.50%	37.21%	42.11%	48.65%
Spending and Saving	107	53.27%	16525	51.02%	*57	44.74%	50.00%	55.56%	62.82%
Supply and Demand	137	45.26%	23898	36.92%	*82	30.95%	35.90%	40.00%	46.34%
Summary	**1260**	**43.73%**	**243320**	**40.08%**	**73**	**36.40%**	**39.15%**	**42.18%**	**46.63%**

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.

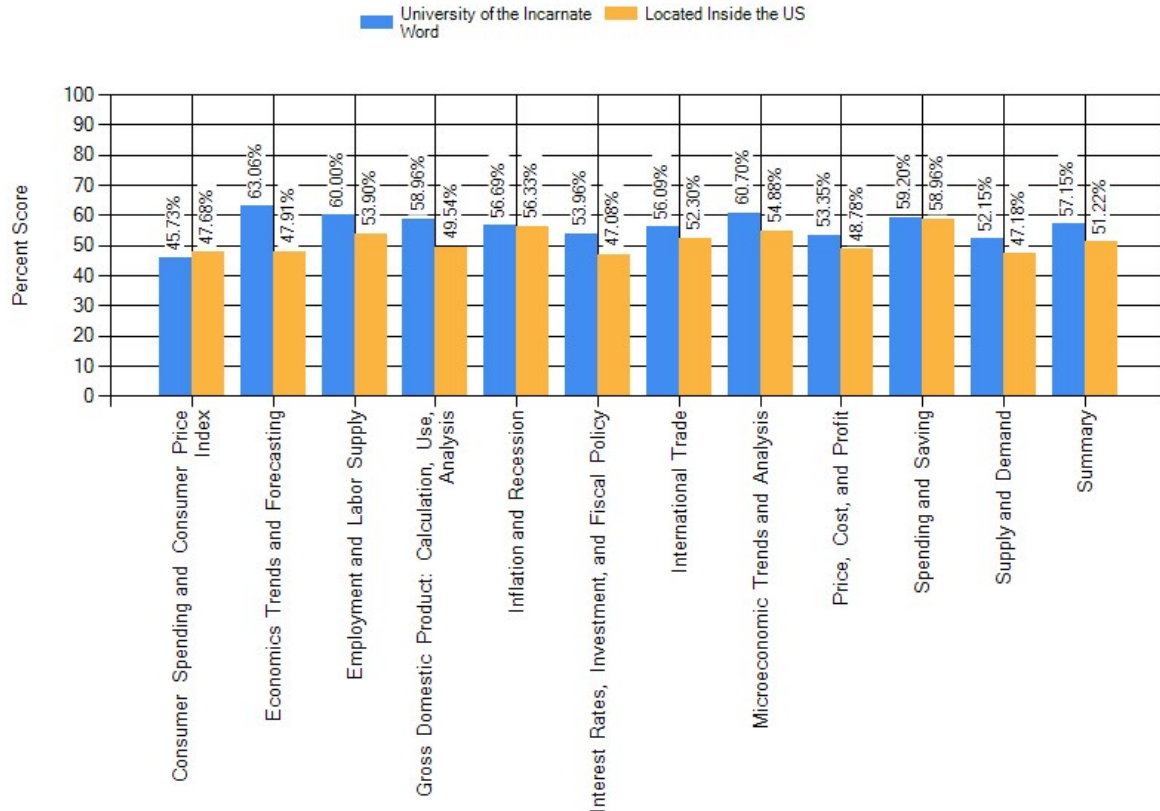# Outbound Exam Economics Result

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 12.27

Mean Score: 57.15%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 19.60

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

# Economics Subject Score Comparison *Outbound Exam*

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

Category	UIW	US
Consumer Spending and Consumer Price Index	45.73%	47.68%
Economics Trends and Forecasting	63.06%	47.91%
Employment and Labor Supply	60.00%	53.90%
Gross Domestic Product: Calculation, Use, Analysis	58.96%	49.54%
Inflation and Recession	56.69%	56.33%
Interest Rates, Investment, and Fiscal Policy	53.96%	47.08%
International Trade	56.09%	52.30%
Microeconomic Trends and Analysis	60.70%	54.88%
Price, Cost, and Profit	53.35%	48.78%
Spending and Saving	59.20%	58.96%
Supply and Demand	52.15%	47.18%
Summary	57.15%	51.22%

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
Consumer Spending and Consumer Price Index	199	45.73%	30435	47.68%	*43	40.63%	46.62%	51.52%	58.33%
Economics Trends and Forecasting	425	63.06%	82380	47.91%	92	40.91%	46.51%	51.22%	58.70%
Employment and Labor Supply	225	60.00%	41170	53.90%	*71	45.95%	52.78%	58.70%	65.00%
Gross Domestic Product: Calculation, Use, Analysis	402	58.96%	87985	49.54%	80	42.22%	48.61%	53.66%	60.87%
Inflation and Recession	254	56.69%	40689	56.33%	*50	50.00%	54.86%	60.61%	67.65%
Interest Rates, Investment, and Fiscal Policy	265	53.96%	41164	47.08%	*74	40.00%	45.95%	51.22%	57.14%
International Trade	230	56.09%	26632	52.30%	*61	45.16%	51.52%	57.14%	62.63%
Microeconomic Trends and Analysis	771	60.70%	129734	54.88%	72	48.98%	54.10%	58.62%	64.71%
Price, Cost, and Profit	463	53.35%	79556	48.78%	67	42.36%	47.62%	52.50%	59.09%
Spending and Saving	348	59.20%	48716	58.96%	49	52.94%	58.33%	63.16%	69.13%
Supply and Demand	418	52.15%	67203	47.18%	68	40.54%	45.95%	51.22%	57.50%
Summary	**4000**	**57.15%**	**675664**	**51.22%**	**77**	**46.50%**	**50.28%**	**54.22%**	**58.83%**

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
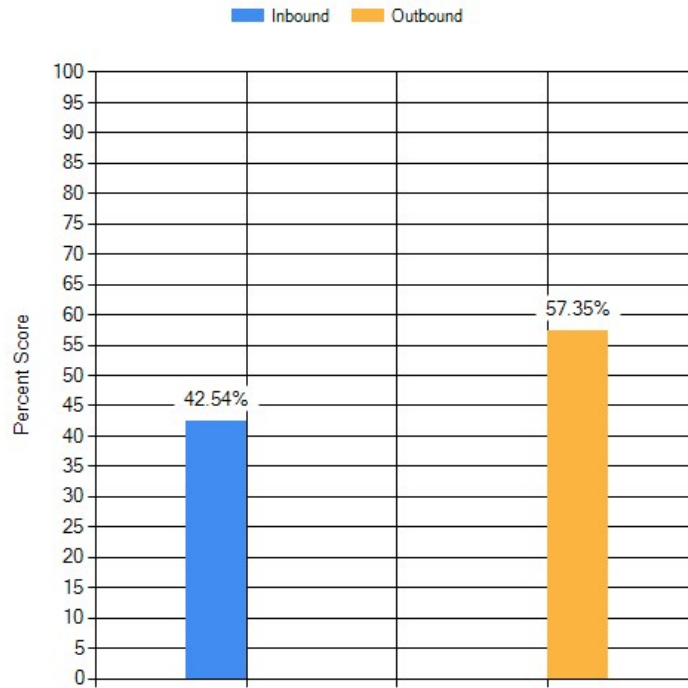
Inbound   Outbound

34.81% Percentage change from Inbound to Outbound

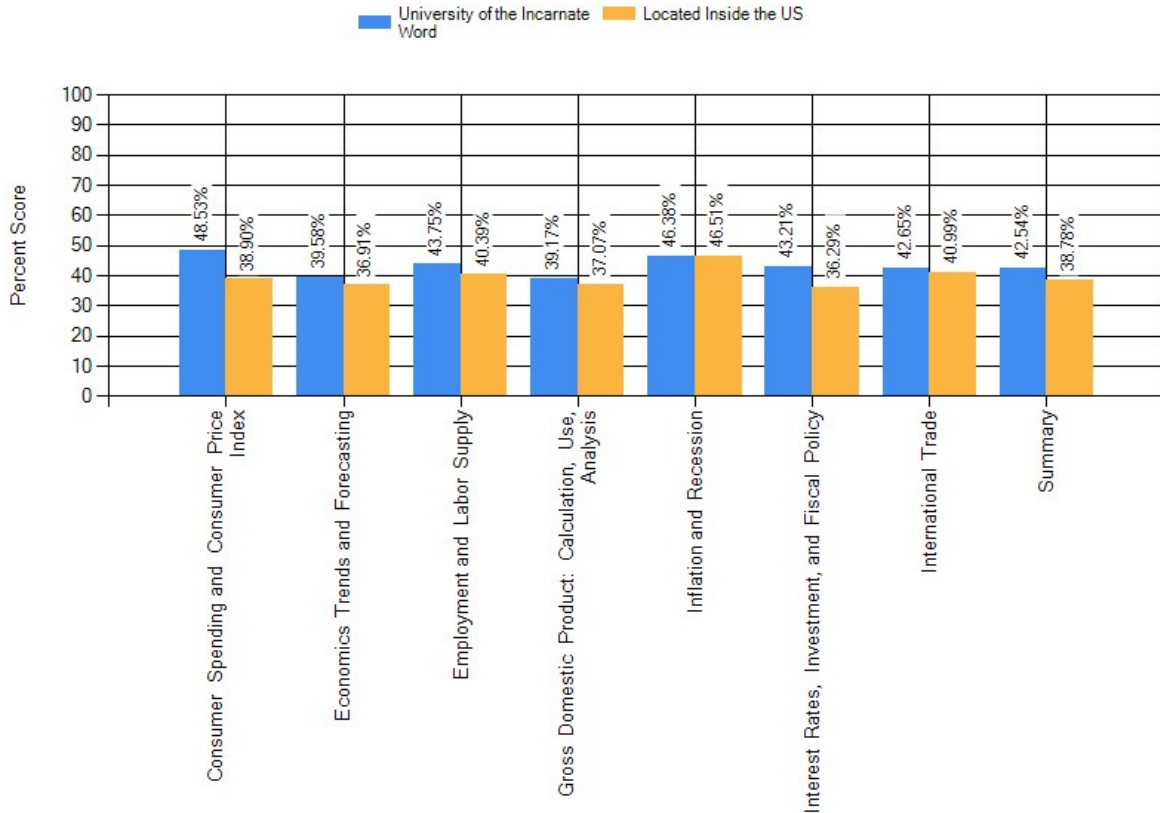Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 3.8, Outbound = 6

Economics: Macroeconomics Assessment Summary

Assessment Summary Statistics

Economics: Macroeconomics	Inbound	Outbound
Sample Size	126	400
Mean Score	42.54%	57.35%
Standard Deviation	27.13	26.22
Min Score	0%	0%
Max Score	100%	100%
Median Score	40%	60%
Mode	20%	80%

Inbound Exam Economics: Macroeconomics Result
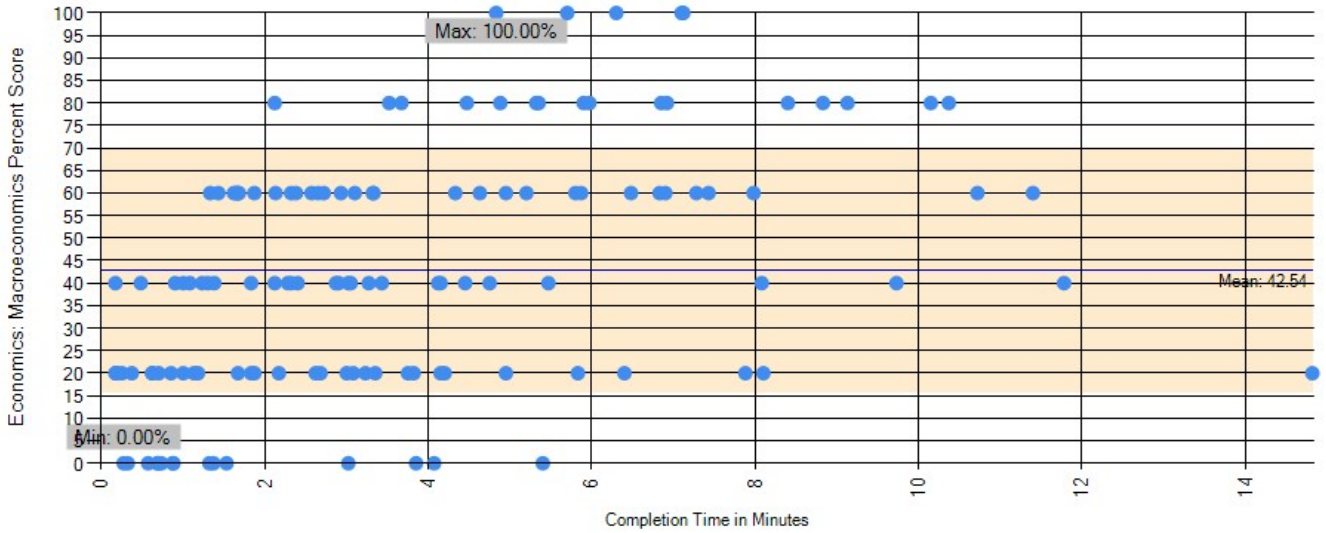
Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 3.80

Mean Score: 42.54%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 27.13

* 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
Consumer Spending and Consumer Price Index	68	48.53%	10353	38.90%	*86	32.35%	37.50%	42.86%	48.47%
Economics Trends and Forecasting	144	39.58%	31109	36.91%	*63	30.77%	36.00%	40.04%	46.34%
Employment and Labor Supply	80	43.75%	14797	40.39%	*63	33.77%	38.46%	44.74%	50.00%
Gross Domestic Product: Calculation, Use, Analysis	120	39.17%	32762	37.07%	*61	31.82%	35.89%	40.43%	46.00%
Inflation and Recession	69	46.38%	14144	46.51%	*48	39.27%	44.44%	50.92%	57.56%
Interest Rates, Investment, and Fiscal Policy	81	43.21%	14760	36.29%	*77	29.57%	34.38%	39.39%	46.15%
International Trade	68	42.65%	8927	40.99%	*60	33.33%	38.71%	44.12%	51.61%
Summary	630	42.54%	126852	38.78%	71	34.22%	37.70%	41.32%	46.12%

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
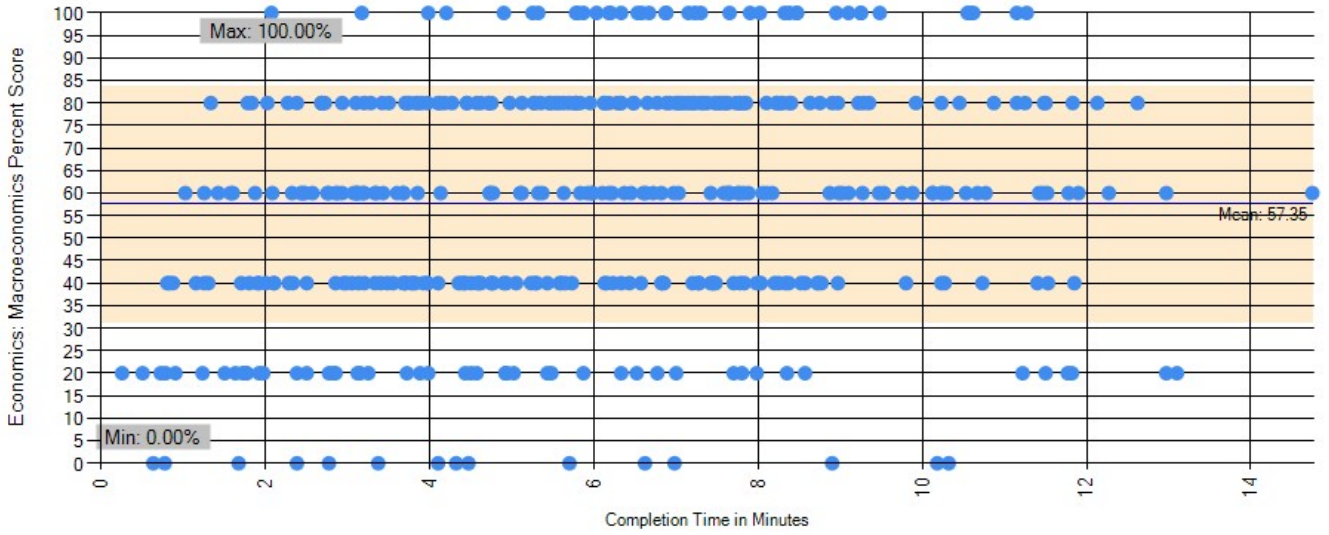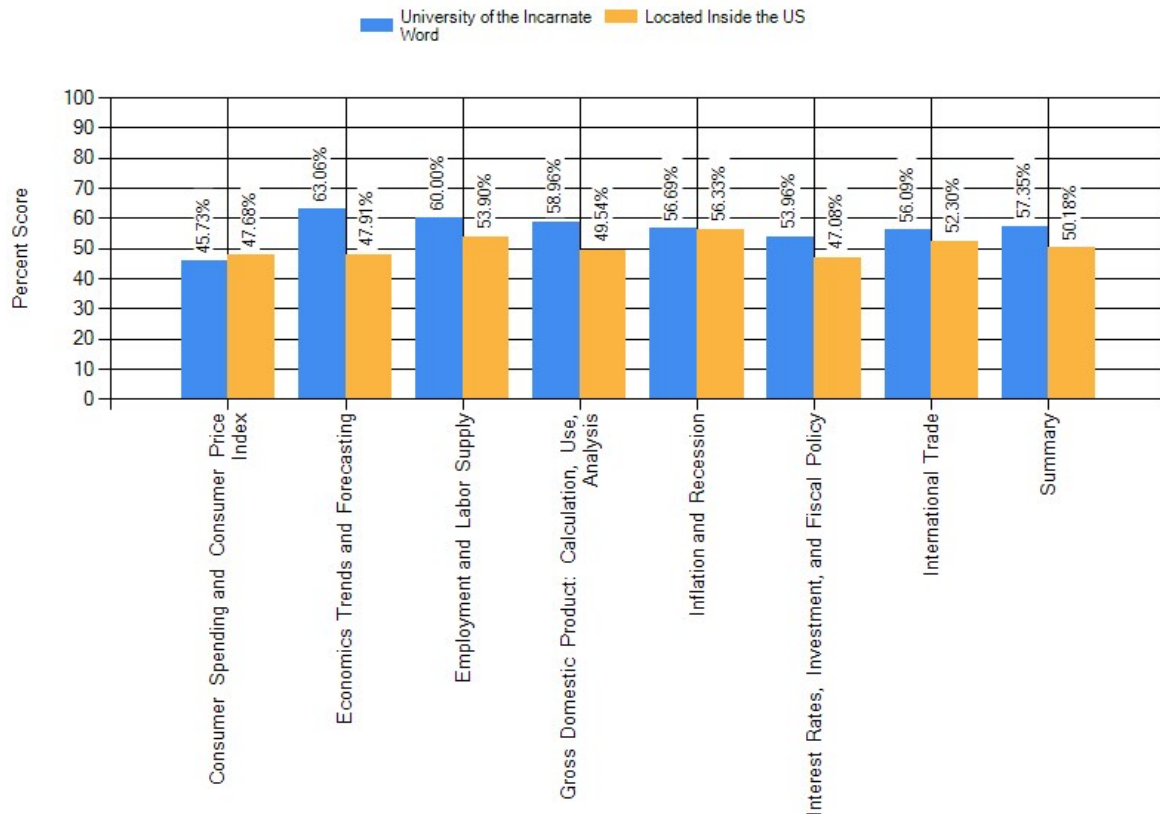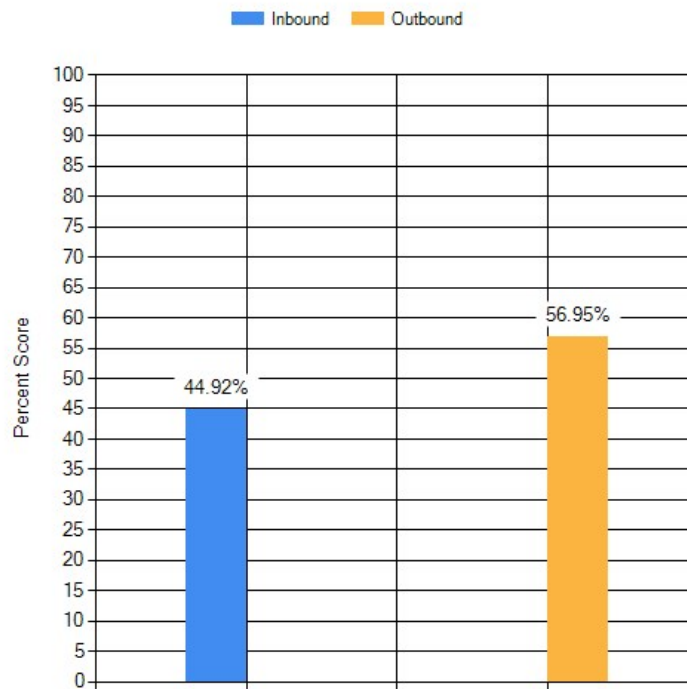

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 5.98

Mean Score: 57.35%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 26.22

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

Economics: Macroeconomics Subject Score Comparison *Outbound Exam*

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

Category	UIW	US
Consumer Spending and Consumer Price Index	45.73%	47.68%
Economics Trends and Forecasting	63.06%	47.91%
Employment and Labor Supply	60.00%	53.90%
Gross Domestic Product: Calculation, Use, Analysis	58.96%	49.54%
Inflation and Recession	56.69%	56.33%
Interest Rates, Investment, and Fiscal Policy	53.96%	47.08%
International Trade	56.09%	52.30%
Summary	57.35%	50.18%

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
Consumer Spending and Consumer Price Index	199	45.73%	30435	47.68%	*43	40.63%	46.62%	51.52%	58.33%
Economics Trends and Forecasting	425	63.06%	82380	47.91%	92	40.91%	46.51%	51.22%	58.70%
Employment and Labor Supply	225	60.00%	41170	53.90%	*71	45.95%	52.78%	58.70%	65.00%
Gross Domestic Product: Calculation, Use, Analysis	402	58.96%	87985	49.54%	80	42.22%	48.61%	53.66%	60.87%
Inflation and Recession	254	56.69%	40689	56.33%	*50	50.00%	54.86%	60.61%	67.65%
Interest Rates, Investment, and Fiscal Policy	265	53.96%	41164	47.08%	*74	40.00%	45.95%	51.22%	57.14%
International Trade	230	56.09%	26632	52.30%	*61	45.16%	51.52%	57.14%	62.63%
Summary	2000	57.35%	350455	50.18%	80	44.67%	49.11%	53.33%	58.82%

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

26.78% Percentage change from Inbound to Outbound

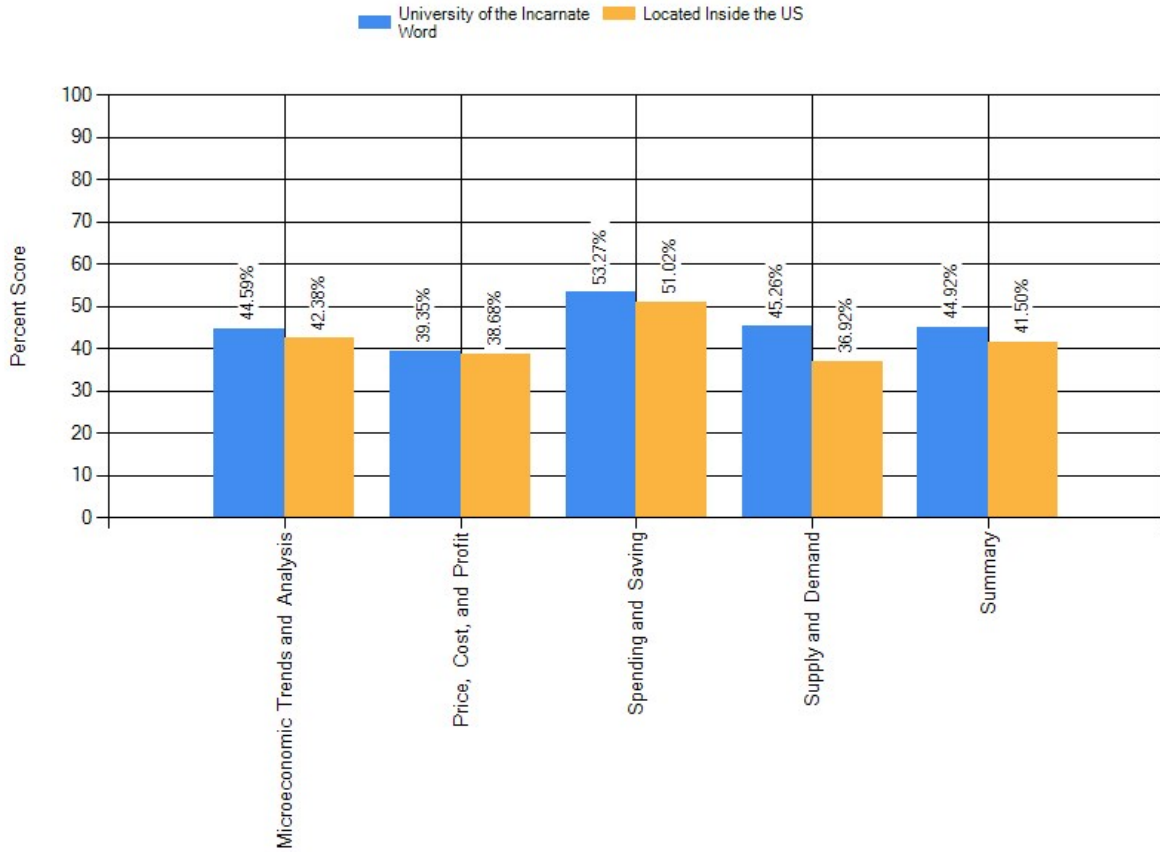Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 3.6, Outbound = 6.3

Economics: Microeconomics Assessment Summary

Assessment Summary Statistics

Economics: Microeconomics	Inbound	Outbound
Sample Size	126	400
Mean Score	44.92%	56.95%
Standard Deviation	25.64	24.31
Min Score	0%	0%
Max Score	100%	100%
Median Score	40%	60%
Mode	40%	60%

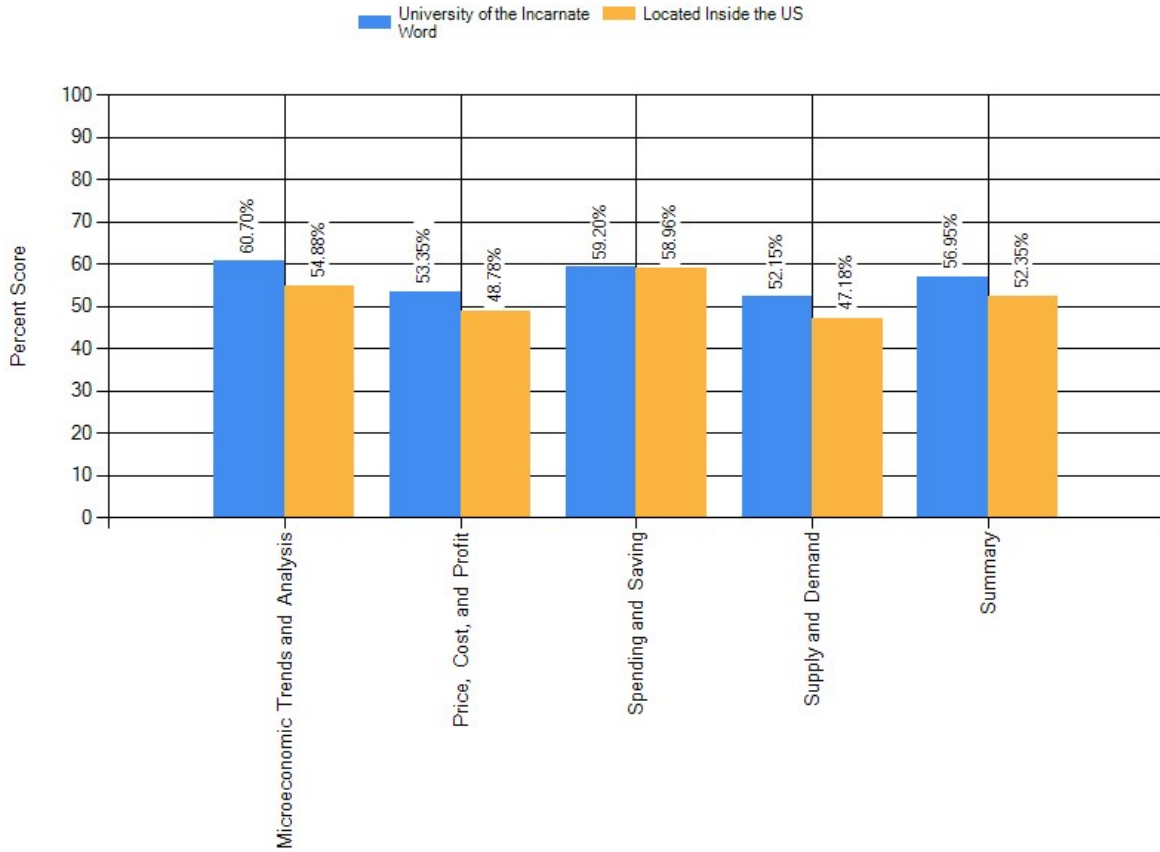# Inbound Exam Economics: Microeconomics Result
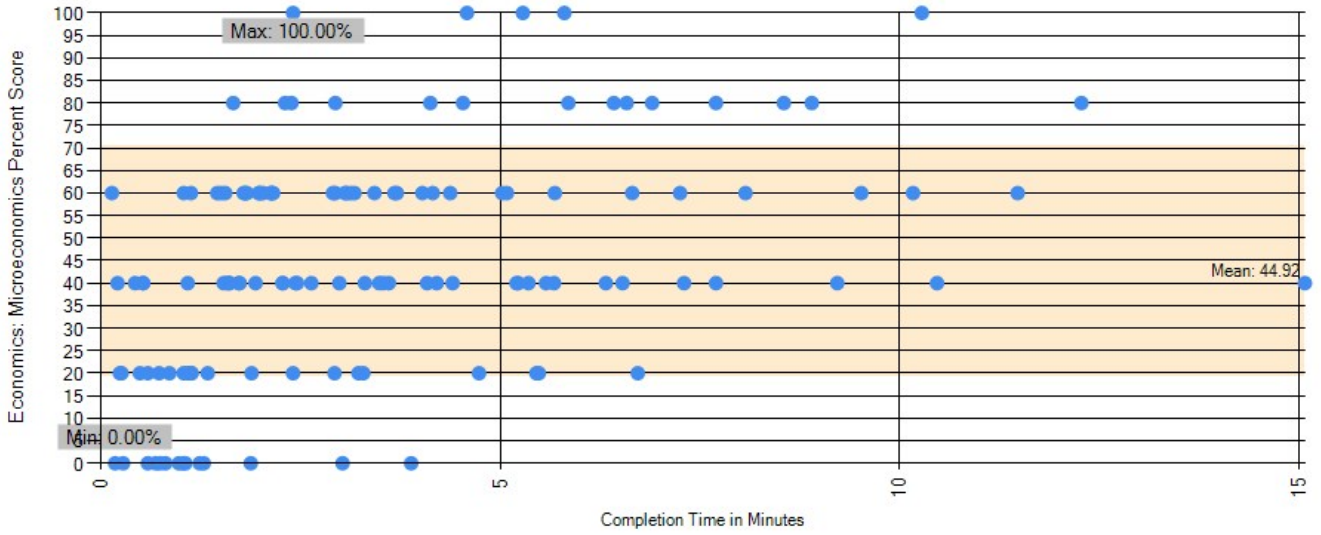
Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 3.60

Mean Score: 44.92%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 25.64

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

## Economics: Microeconomics Subject Score Comparison *Inbound Exam*

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
Microeconomic Trends and Analysis	231	44.59%	47073	42.38%	*60	36.21%	41.38%	45.45%	52.08%
Price, Cost, and Profit	155	39.35%	28972	38.68%	*53	32.50%	37.21%	42.11%	48.65%
Spending and Saving	107	53.27%	16525	51.02%	*57	44.74%	50.00%	55.56%	62.82%
Supply and Demand	137	45.26%	23898	36.92%	*82	30.95%	35.90%	40.00%	46.34%
Summary	**630**	**44.92%**	**116468**	**41.50%**	**68**	**36.80%**	**40.74%**	**44.22%**	**49.09%**

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
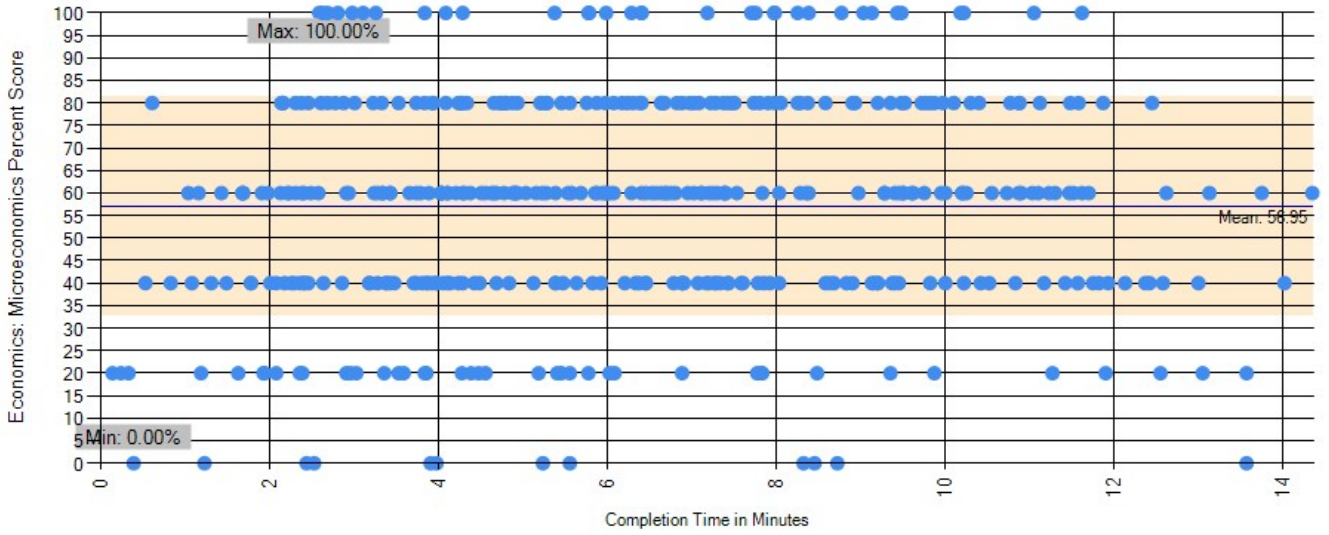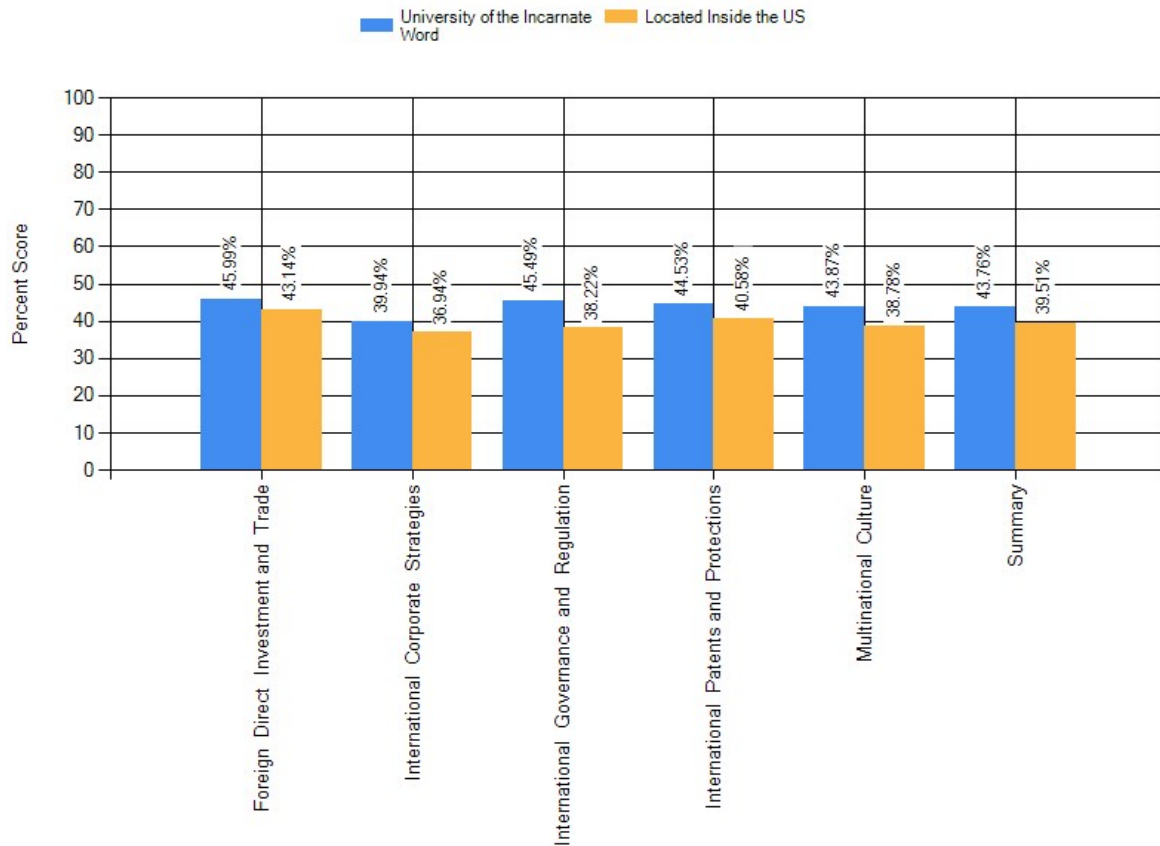

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 6.28

Mean Score: 56.95%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 24.31

* 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
Microeconomic Trends and Analysis	771	60.70%	129734	54.88%	72	48.98%	54.10%	58.62%	64.71%
Price, Cost, and Profit	463	53.35%	79556	48.78%	67	42.36%	47.62%	52.50%	59.09%
Spending and Saving	348	59.20%	48716	58.96%	49	52.94%	58.33%	63.16%	69.13%
Supply and Demand	418	52.15%	67203	47.18%	68	40.54%	45.95%	51.22%	57.50%
Summary	**2000**	**56.95%**	**325209**	**52.35%**	**71**	**47.25%**	**51.63%**	**55.68%**	**60.61%**

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

Global Dimensions of Business Score Comparison
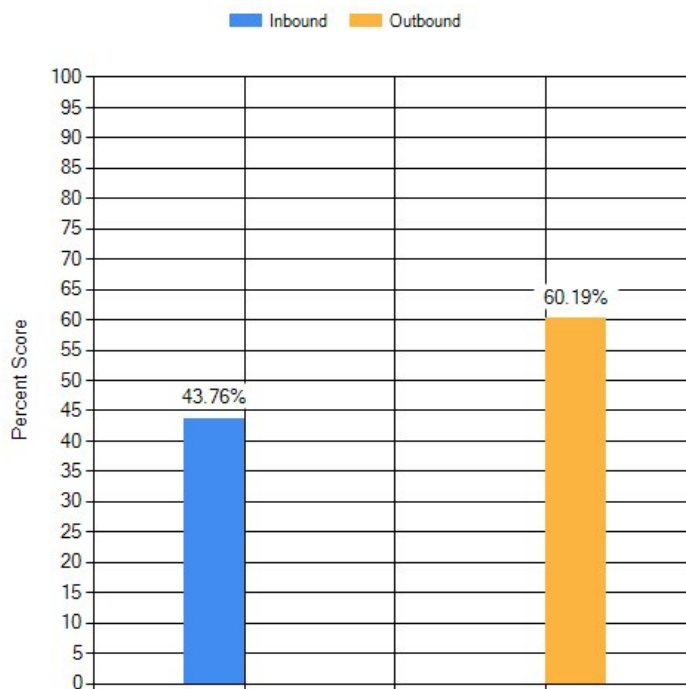
37.55% Percentage change from Inbound to Outbound

Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 6.5, Outbound = 11.7

Global Dimensions of Business Assessment Summary

Assessment Summary Statistics

Global Dimensions of Business	Inbound	Outbound
Sample Size	126	400
Mean Score	43.76%	60.19%
Standard Deviation	21.99	20.98
Min Score	0%	0%
Max Score	100%	100%
Median Score	40%	60%
Mode	20%	60%

Inbound Exam Global Dimensions of Business Result
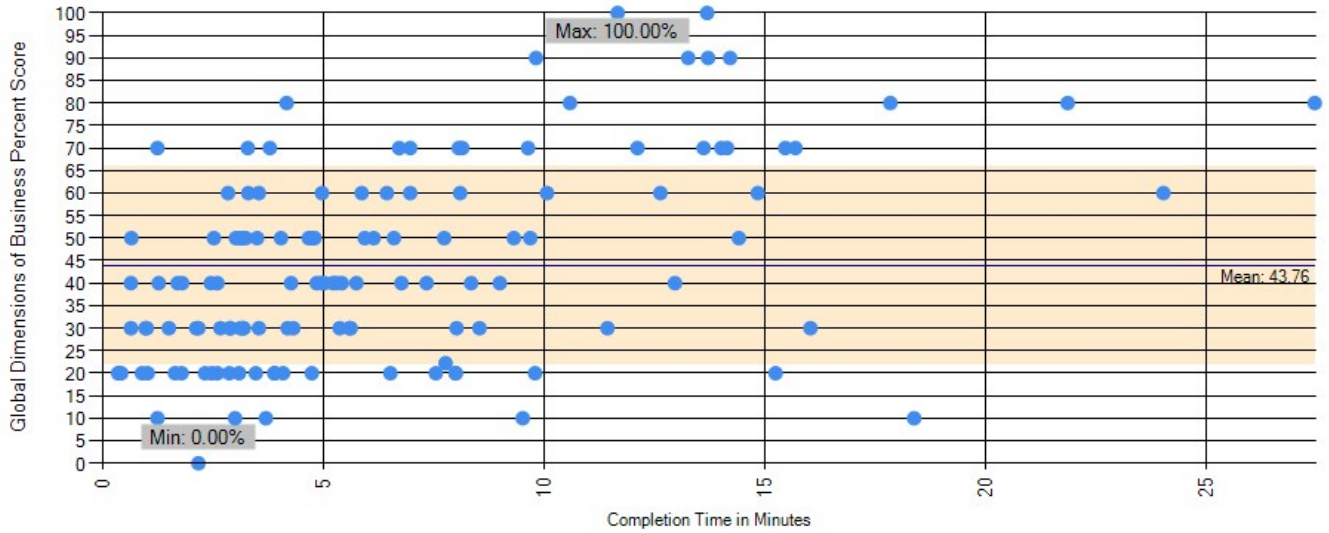
Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 6.55

Mean Score: 43.76%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 21.99

* 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 (blue) / Located Inside the US (orange)

Values shown:
- Foreign Direct Investment and Trade: 45.99% / 43.14%
- International Corporate Strategies: 39.94% / 36.94%
- International Governance and Regulation: 45.49% / 38.22%
- International Patents and Protections: 44.53% / 40.58%
- Multinational Culture: 43.87% / 38.78%
- Summary: 43.76% / 39.51%

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
Foreign Direct Investment and Trade	237	45.99%	55125	43.14%	*61	37.72%	42.19%	46.67%	51.52%
International Corporate Strategies	308	39.94%	62359	36.94%	65	31.48%	35.71%	39.71%	45.00%
International Governance and Regulation	255	45.49%	41971	38.22%	*81	32.61%	37.26%	41.18%	46.67%
International Patents and Protections	247	44.53%	40034	40.58%	*67	34.78%	39.42%	44.19%	49.33%
Multinational Culture	212	43.87%	41052	38.78%	*72	33.33%	38.00%	42.11%	47.50%
Summary	1259	43.76%	240541	39.51%	76	35.67%	38.87%	41.74%	45.50%

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
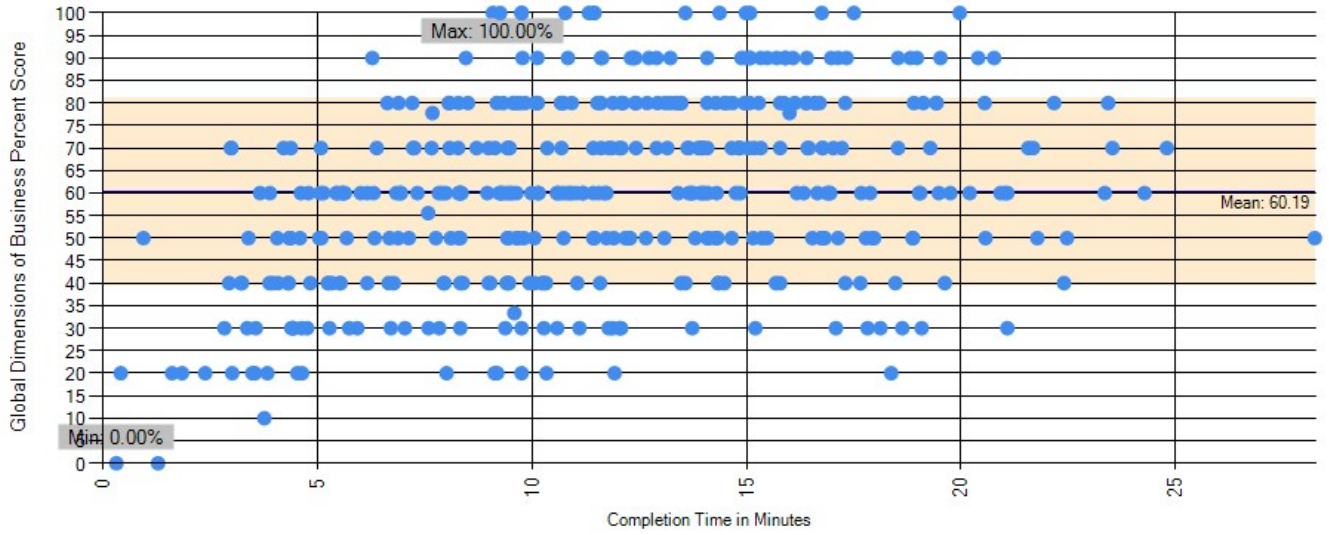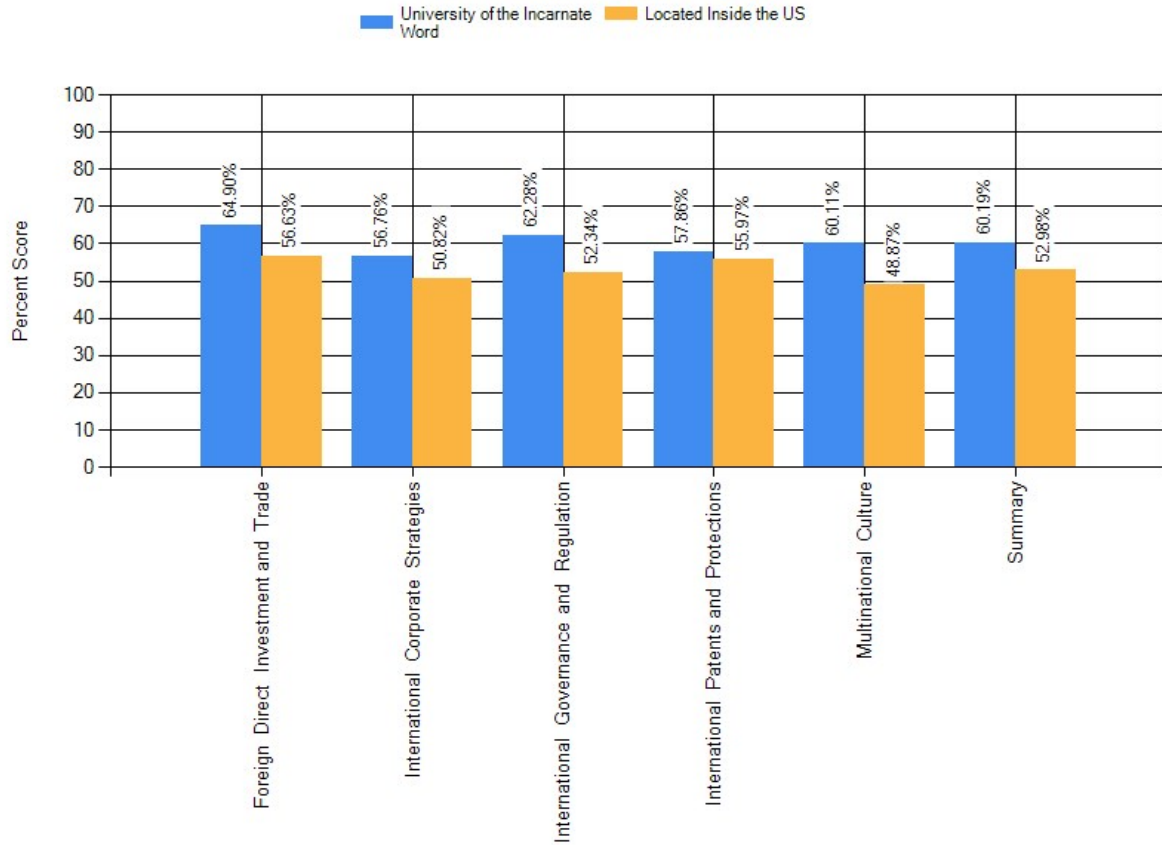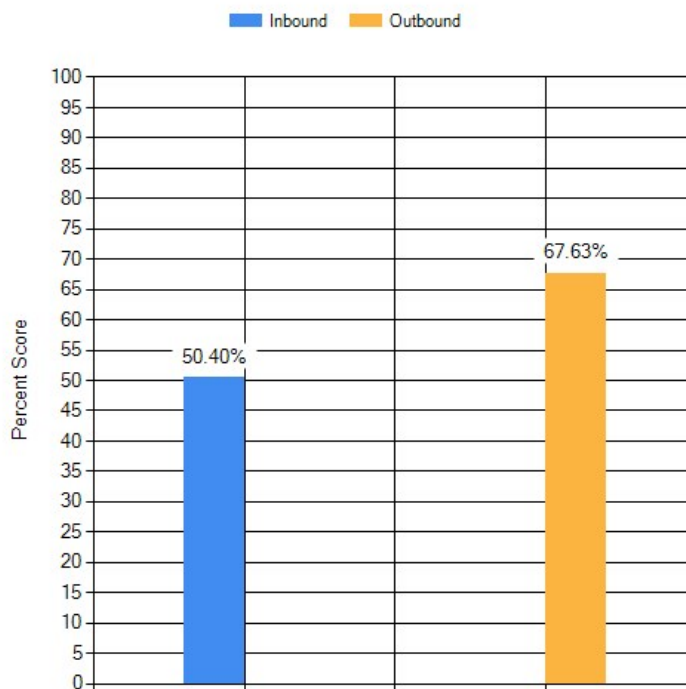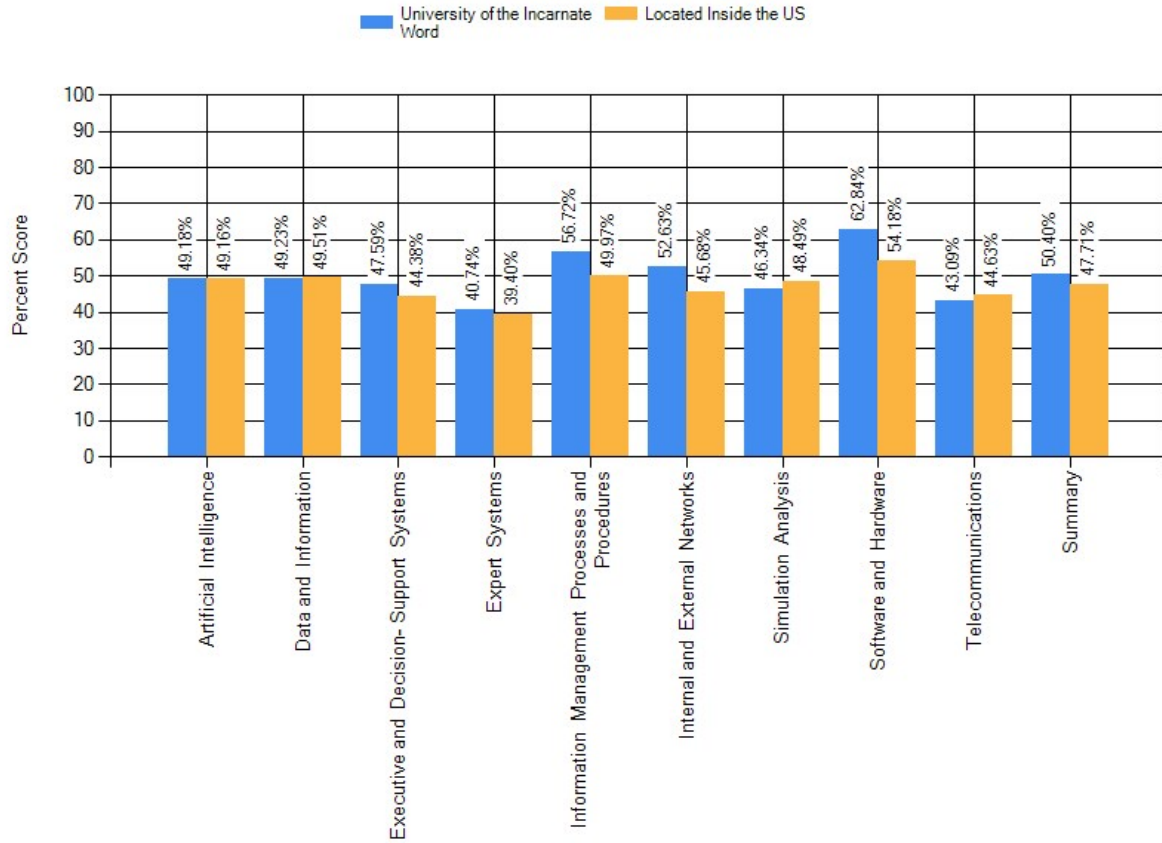

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 11.68

Mean Score: 60.19%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 20.98

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

Global Dimensions of Business Subject Score Comparison *Outbound Exam*

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
Foreign Direct Investment and Trade	775	64.90%	149798	56.63%	78	50.00%	55.06%	60.66%	67.24%
International Corporate Strategies	925	56.76%	170104	50.82%	72	43.86%	50.00%	54.84%	61.11%
International Governance and Regulation	729	62.28%	118889	52.34%	81	44.90%	50.89%	56.52%	64.15%
International Patents and Protections	840	57.86%	113227	55.97%	57	47.92%	54.35%	60.47%	68.18%
Multinational Culture	727	60.11%	115812	48.87%	86	41.67%	47.76%	52.83%	59.57%
Summary	**3996**	**60.19%**	**667830**	**52.98%**	**78**	**46.89%**	**51.67%**	**56.36%**	**62.21%**

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

Information Management Systems Score Comparison

Inbound   Outbound

34.19% Percentage change from Inbound to Outbound

Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 6, Outbound = 10.1

Information Management Systems Assessment Summary

Assessment Summary Statistics

Information Management Systems	Inbound	Outbound
Sample Size	126	400
Mean Score	50.40%	67.63%
Standard Deviation	20.49	22.76
Min Score	0%	0%
Max Score	100%	100%
Median Score	50%	70%
Mode	50%	80%

Inbound Exam Information Management Systems Result
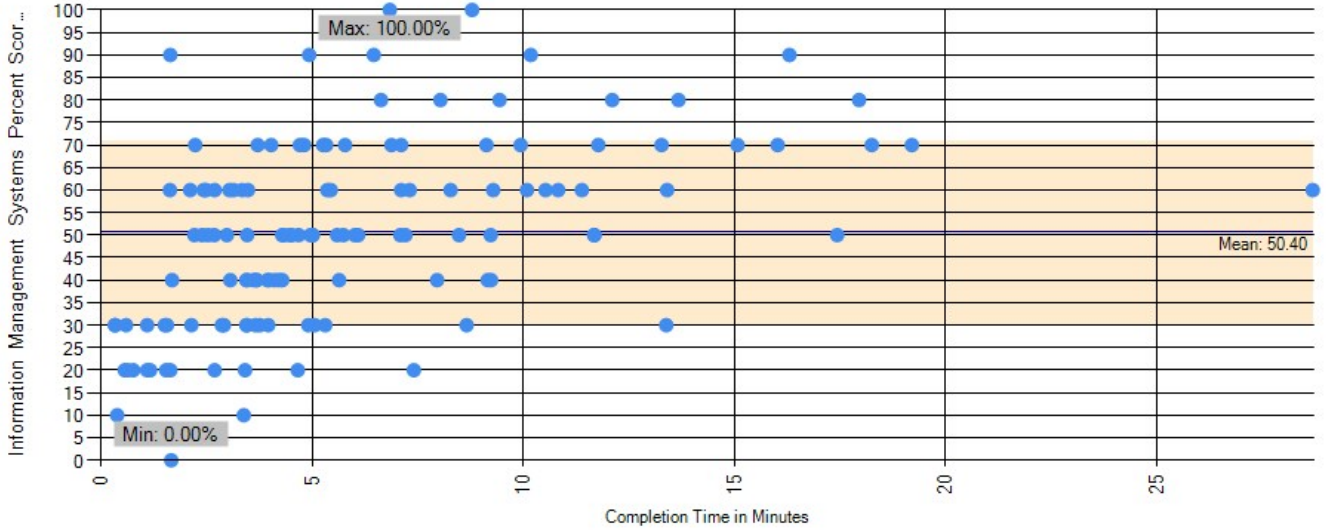
Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 6.03

Mean Score: 50.40%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 20.49

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

Information Management Systems Subject Score Comparison *Inbound Exam*

Frequency of Questions Offered on *Inbound* Exams

Information Management Systems	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
Artificial Intelligence	122	49.18%	28549	49.16%	*52	42.55%	47.73%	53.07%	58.89%
Data and Information	130	49.23%	24239	49.51%	*48	42.22%	48.65%	53.85%	60.48%
Executive and Decision-Support Systems	145	47.59%	40394	44.38%	*63	38.00%	43.18%	47.92%	53.96%
Expert Systems	135	40.74%	19001	39.40%	*58	33.33%	37.84%	42.42%	48.79%
Information Management Processes and Procedures	201	56.72%	56477	49.97%	*77	44.07%	49.20%	53.45%	59.51%
Internal and External Networks	133	52.63%	21190	45.68%	*72	37.14%	43.90%	50.00%	59.12%
Simulation Analysis	123	46.34%	26755	48.49%	*41	41.86%	47.50%	52.74%	60.00%
Software and Hardware	148	62.84%	29138	54.18%	*79	47.62%	53.33%	58.54%	65.31%
Telecommunications	123	43.09%	24480	44.63%	*42	37.81%	43.59%	48.70%	55.26%
Summary	**1260**	**50.4%**	**270223**	**47.71%**	**63**	**43.25%**	**47.29%**	**50.76%**	**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 Information Management Systems Result
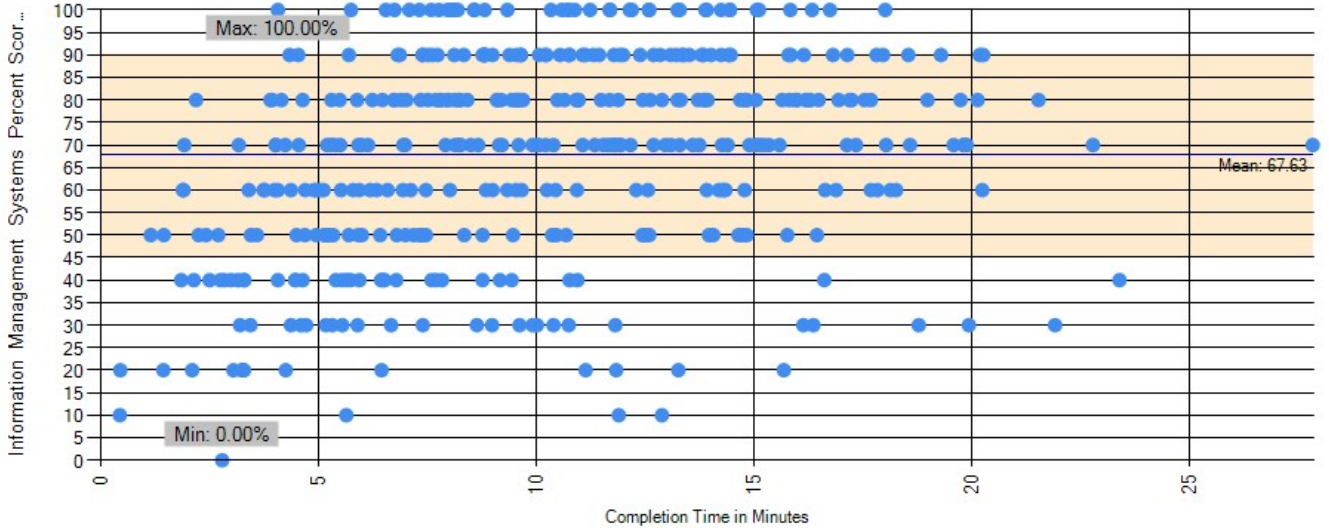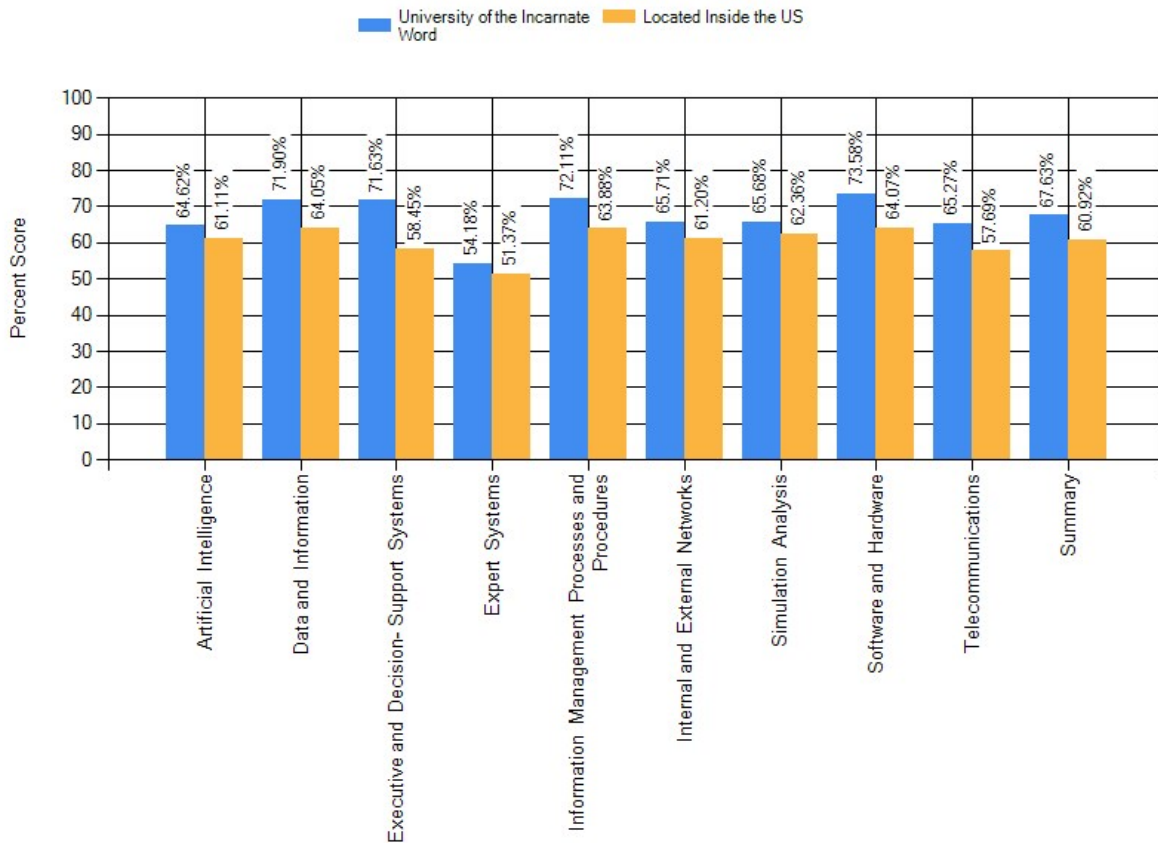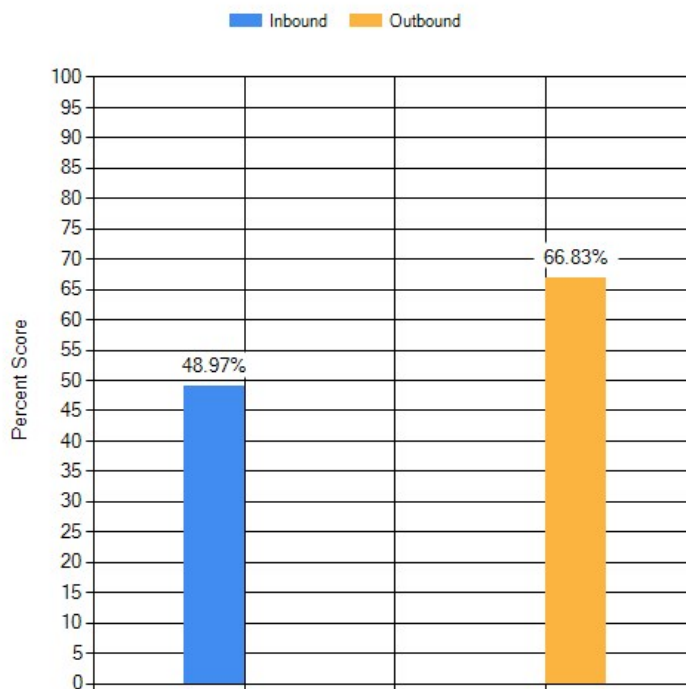

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 10.07

Mean Score: 67.63%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 22.76

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

Information Management Systems Subject Score Comparison *Outbound Exam*

Frequency of Questions Offered on *Outbound* Exams

Information Management Systems	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
Artificial Intelligence	424	64.62%	77527	61.11%	61	53.49%	60.00%	65.91%	73.33%
Data and Information	420	71.90%	66478	64.05%	73	56.41%	62.86%	69.13%	76.00%
Executive and Decision-Support Systems	497	71.63%	105160	58.45%	86	50.00%	57.14%	63.22%	70.89%
Expert Systems	395	54.18%	54307	51.37%	61	43.24%	50.00%	55.88%	64.03%
Information Management Processes and Procedures	606	72.11%	143047	63.88%	78	57.63%	63.24%	68.09%	74.07%
Internal and External Networks	385	65.71%	60061	61.20%	61	52.63%	60.19%	66.67%	75.00%
Simulation Analysis	405	65.68%	73987	62.36%	59	54.76%	60.98%	67.44%	74.42%
Software and Hardware	439	73.58%	78235	64.07%	82	57.78%	63.16%	68.29%	75.00%
Telecommunications	429	65.27%	67313	57.69%	73	48.94%	56.41%	62.50%	70.59%
Summary	4000	67.63%	726115	60.92%	75	54.94%	59.68%	64.59%	71.00%

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

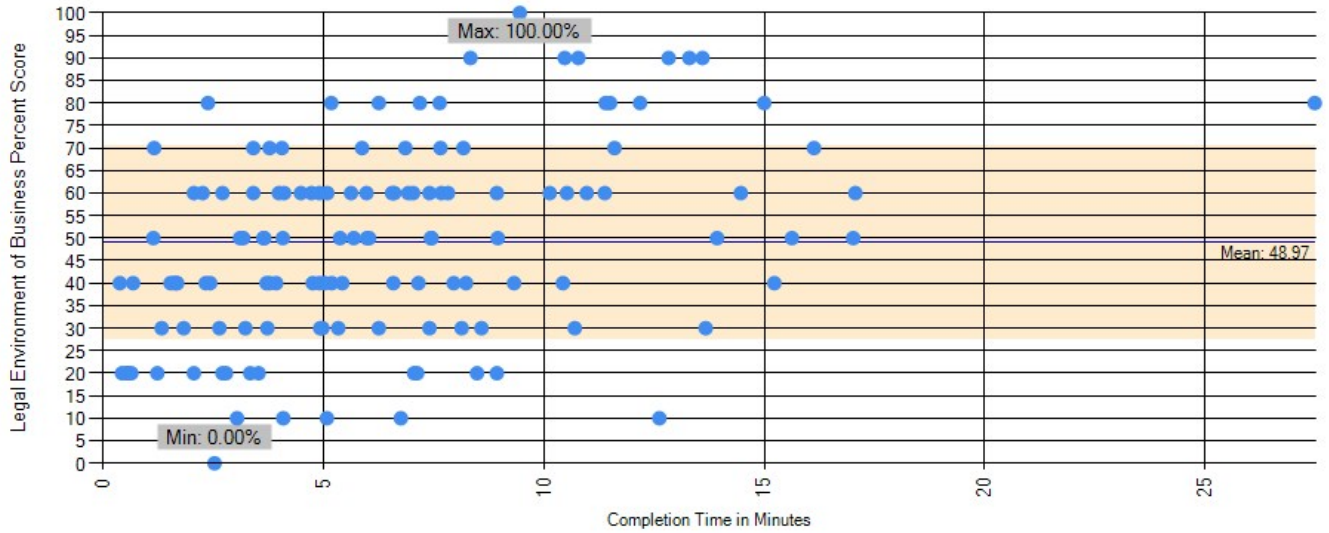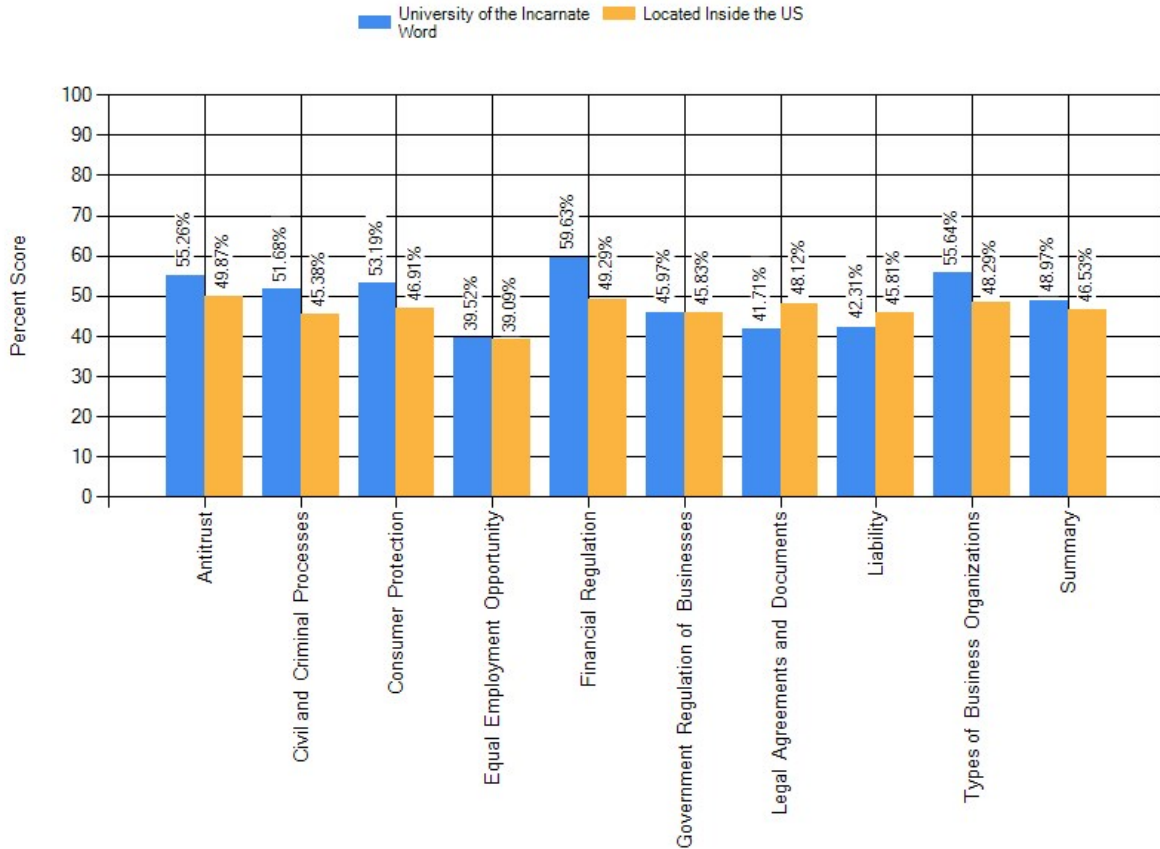# Legal Environment of Business Score Comparison

36.47% Percentage change from Inbound to Outbound

Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 6.6, Outbound = 10.3

Legal Environment of Business Assessment Summary

Assessment Summary Statistics

Legal Environment of Business	Inbound	Outbound
Sample Size	126	400
Mean Score	48.97%	66.83%
Standard Deviation	21.65	20.56
Min Score	0%	10%
Max Score	100%	100%
Median Score	50%	70%
Mode	60%	70%

Inbound Exam Legal Environment of Business Result

Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 6.57

Mean Score: 48.97%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 21.65

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

Legal Environment of Business Subject Score Comparison *Inbound Exam*

Frequency of Questions Offered on *Inbound* Exams

Legal Environment 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
Antitrust	114	55.26%	30718	49.87%	*69	43.18%	48.84%	54.00%	60.53%
Civil and Criminal Processes	149	51.68%	44142	45.38%	*73	38.46%	44.00%	48.94%	55.56%
Consumer Protection	141	53.19%	39814	46.91%	*73	40.11%	45.83%	51.02%	57.45%
Equal Employment Opportunity	124	39.52%	22572	39.09%	*51	32.35%	38.07%	42.52%	48.65%
Financial Regulation	109	59.63%	23336	49.29%	*81	40.63%	48.72%	54.76%	60.91%
Government Regulation of Businesses	211	45.97%	62774	45.83%	*49	39.61%	44.78%	49.25%	55.56%
Legal Agreements and Documents	175	41.71%	39604	48.12%	*26	41.42%	47.06%	53.03%	58.79%
Liability	104	42.31%	19224	45.81%	*39	37.50%	44.12%	50.00%	58.33%
Types of Business Organizations	133	55.64%	31835	48.29%	*74	40.91%	47.40%	52.78%	59.48%
Summary	**1260**	**48.97%**	**314019**	**46.53%**	**59**	**41.55%**	**46.33%**	**50.00%**	**54.03%**

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 Legal Environment of Business Result
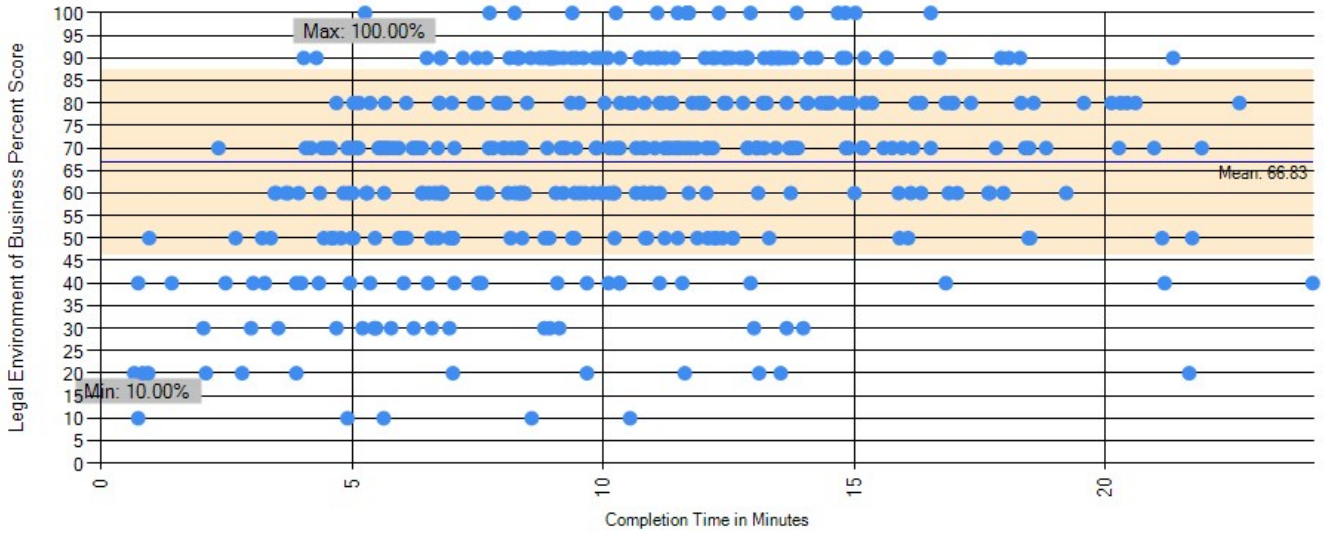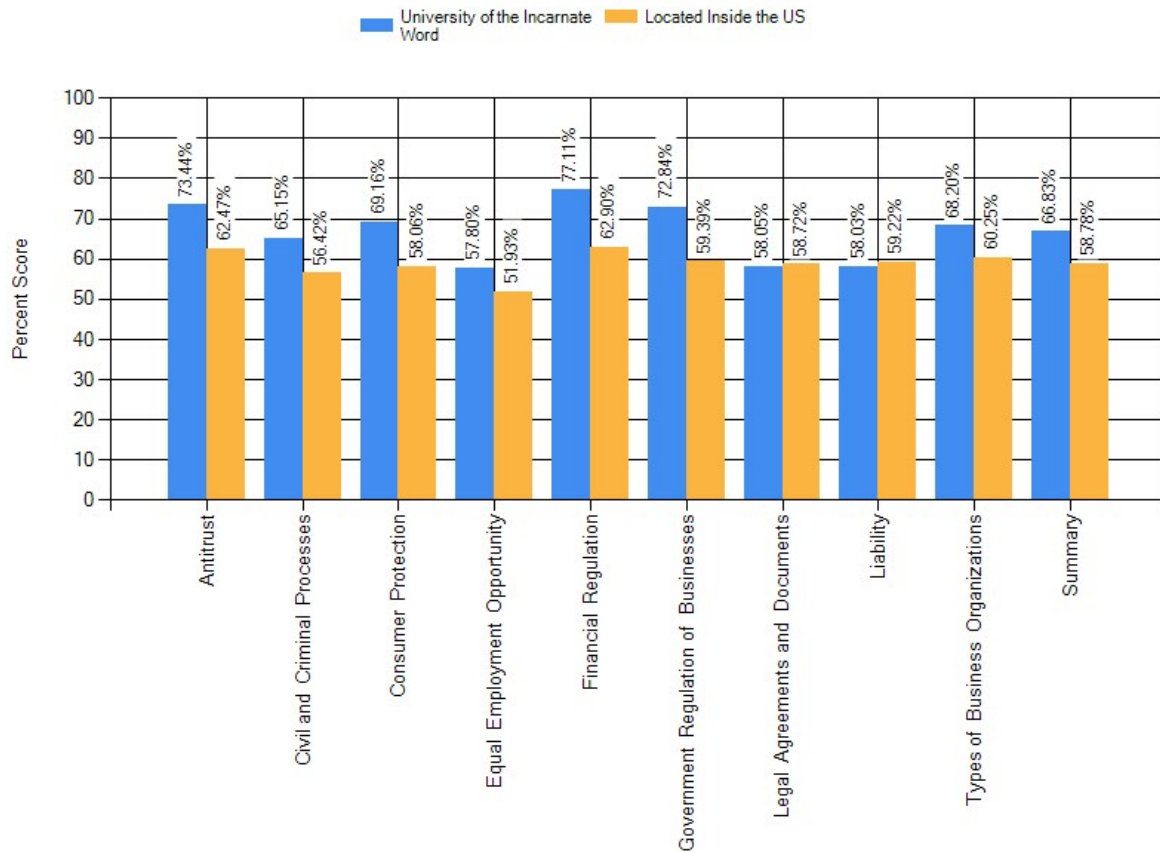

Sample Size: 400

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

Mean Score: 66.83%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 20.56

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

# **Legal Environment of Business** Subject Score Comparison *Outbound Exam*

Frequency of Questions Offered on *Outbound* Exams

Legal Environment 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
Antitrust	369	73.44%	74895	62.47%	84	55.56%	60.98%	66.67%	73.91%
Civil and Criminal Processes	482	65.15%	105091	56.42%	78	48.98%	55.32%	60.78%	67.39%
Consumer Protection	441	69.16%	95158	58.06%	86	51.06%	57.41%	62.22%	68.67%
Equal Employment Opportunity	346	57.80%	55302	51.93%	68	43.59%	50.00%	56.52%	64.71%
Financial Regulation	332	77.11%	56032	62.90%	86	55.03%	62.16%	68.42%	76.19%
Government Regulation of Businesses	707	72.84%	149613	59.39%	87	51.61%	58.18%	64.36%	71.43%
Legal Agreements and Documents	534	58.05%	94108	58.72%	45	52.28%	58.00%	63.24%	69.77%
Liability	355	58.03%	48423	59.22%	44	50.00%	58.09%	64.71%	73.53%
Types of Business Organizations	434	68.20%	77313	60.25%	78	53.66%	59.46%	64.44%	70.73%
Summary	**4000**	**66.83%**	**755935**	**58.78%**	**81**	**52.93%**	**57.84%**	**62.50%**	**68.19%**

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

Management Score Comparison
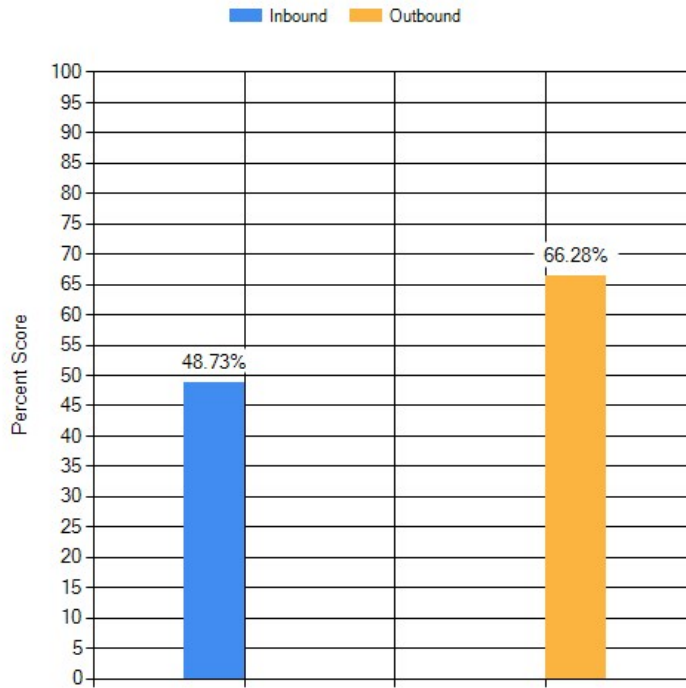
Inbound   Outbound

36.01% Percentage change from Inbound to Outbound

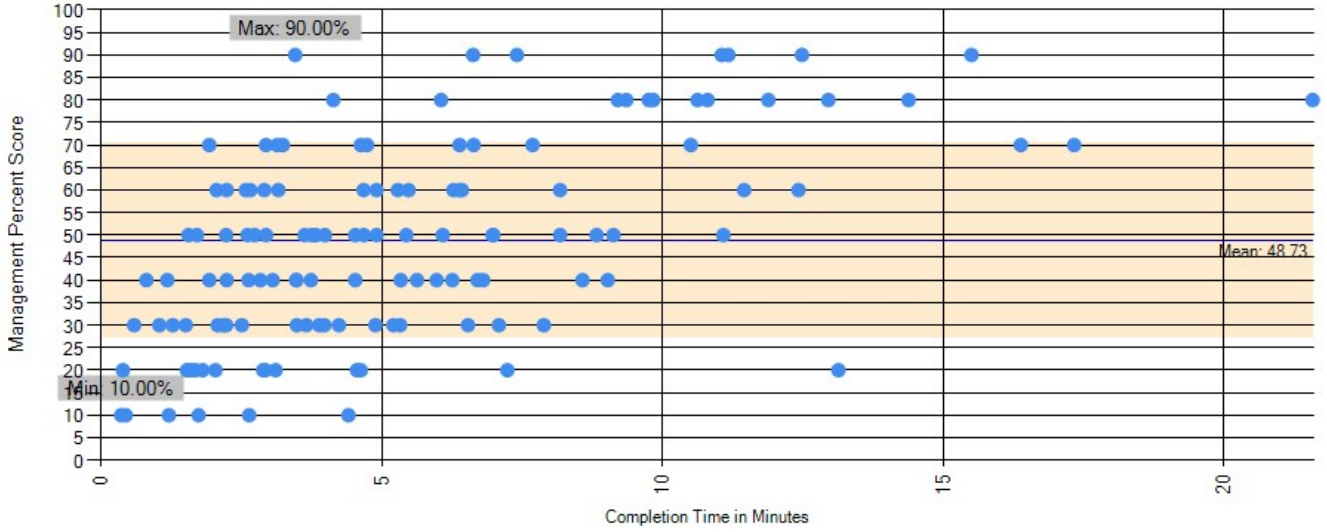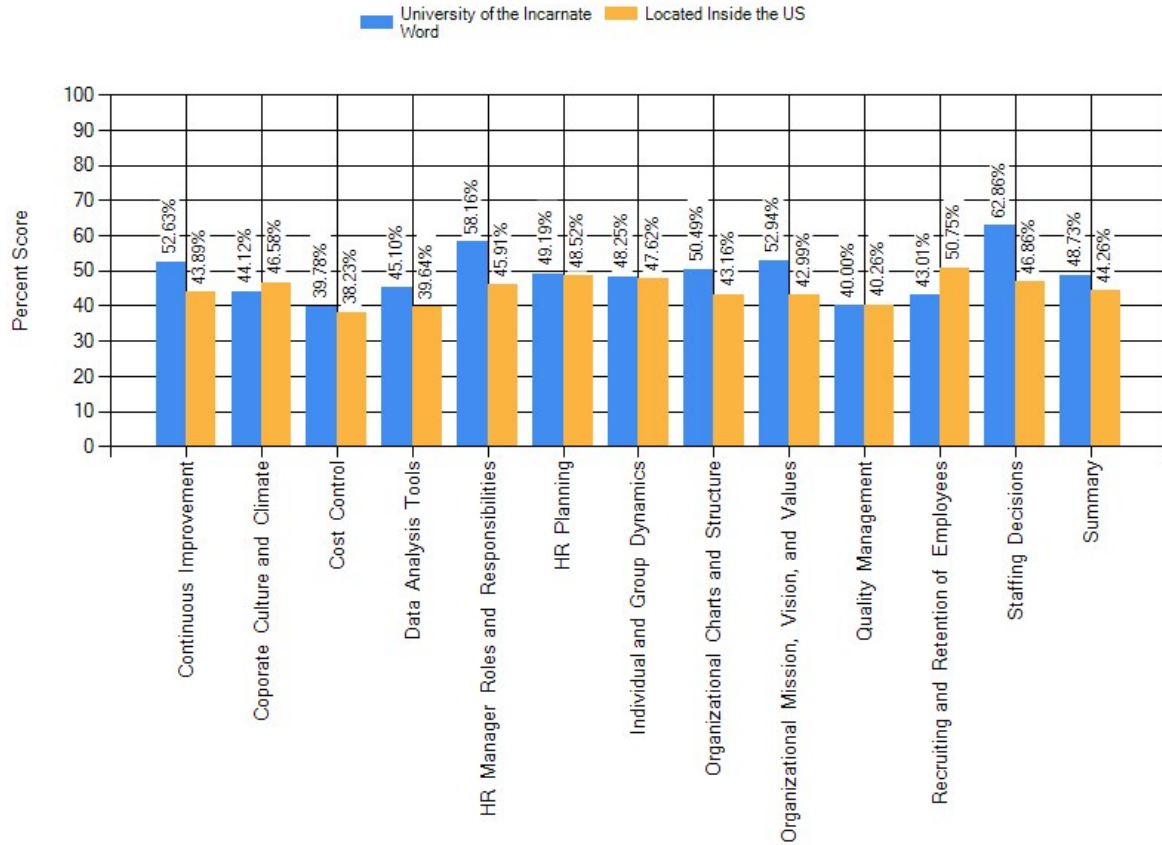Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 5.5, Outbound = 9.7

Management Assessment Summary

Assessment Summary Statistics

Management	Inbound	Outbound
Sample Size	126	400
Mean Score	48.73%	66.28%
Standard Deviation	21.72	20.75
Min Score	10%	10%
Max Score	90%	100%
Median Score	50%	70%
Mode	50%	70%

Inbound Exam Management Result

Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 5.48

Mean Score: 48.73%, Max Score: 90.00%, Min Score: 10.00%

Standard Deviation: 21.72

* 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
Continuous Improvement	114	52.63%	23968	43.89%	*80	36.84%	42.33%	47.37%	54.05%
Coporate Culture and Climate	136	44.12%	21951	46.58%	*36	40.00%	45.71%	50.00%	56.10%
Cost Control	93	39.78%	21741	38.23%	*59	31.74%	36.70%	41.36%	47.37%
Data Analysis Tools	102	45.10%	22618	39.64%	*72	33.33%	38.10%	42.41%	50.00%
HR Manager Roles and Responsibilities	98	58.16%	13720	45.91%	*88	40.00%	45.05%	50.00%	56.26%
HR Planning	124	49.19%	28821	48.52%	*52	42.22%	47.50%	52.38%	58.33%
Individual and Group Dynamics	114	48.25%	28443	47.62%	*52	40.91%	46.34%	51.33%	57.94%
Organizational Charts and Structure	103	50.49%	18400	43.16%	*76	36.84%	41.18%	46.88%	54.05%
Organizational Mission, Vision, and Values	68	52.94%	13817	42.99%	*83	36.11%	41.66%	46.26%	53.33%
Quality Management	110	40.00%	21871	40.26%	*51	33.33%	38.89%	44.44%	51.28%
Recruiting and Retention of Employees	93	43.01%	9906	50.75%	*25	42.50%	50.00%	55.56%	62.50%
Staffing Decisions	105	62.86%	13270	46.86%	*96	40.00%	45.45%	51.35%	57.58%
Summary	1260	48.73%	238526	44.26%	76	40.00%	43.62%	46.53%	50.67%

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 Management Result
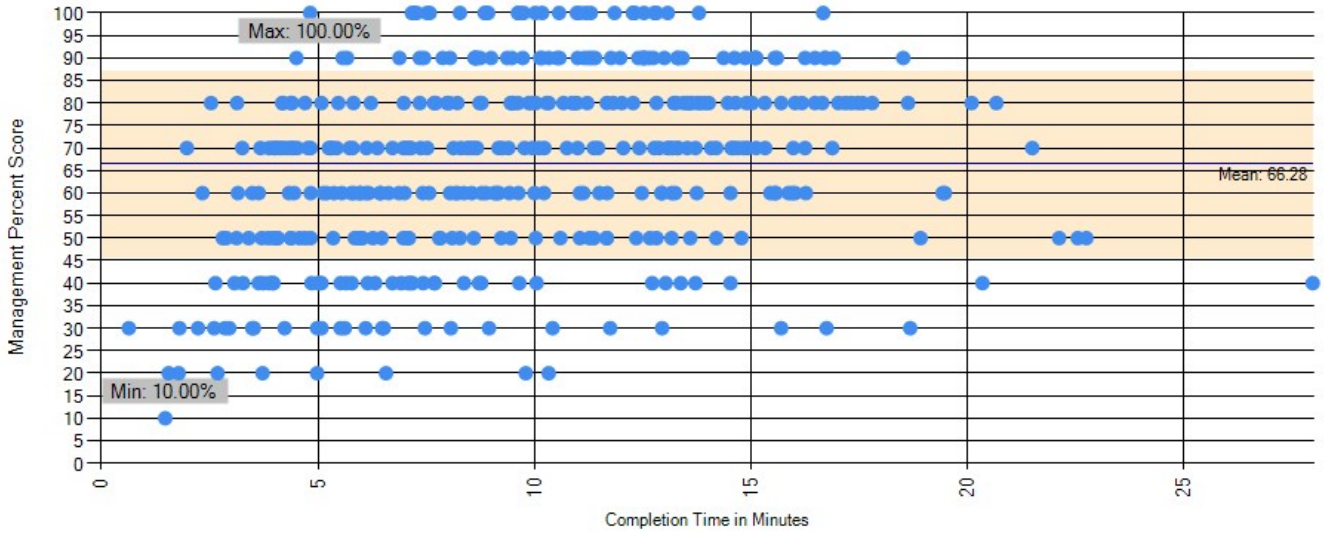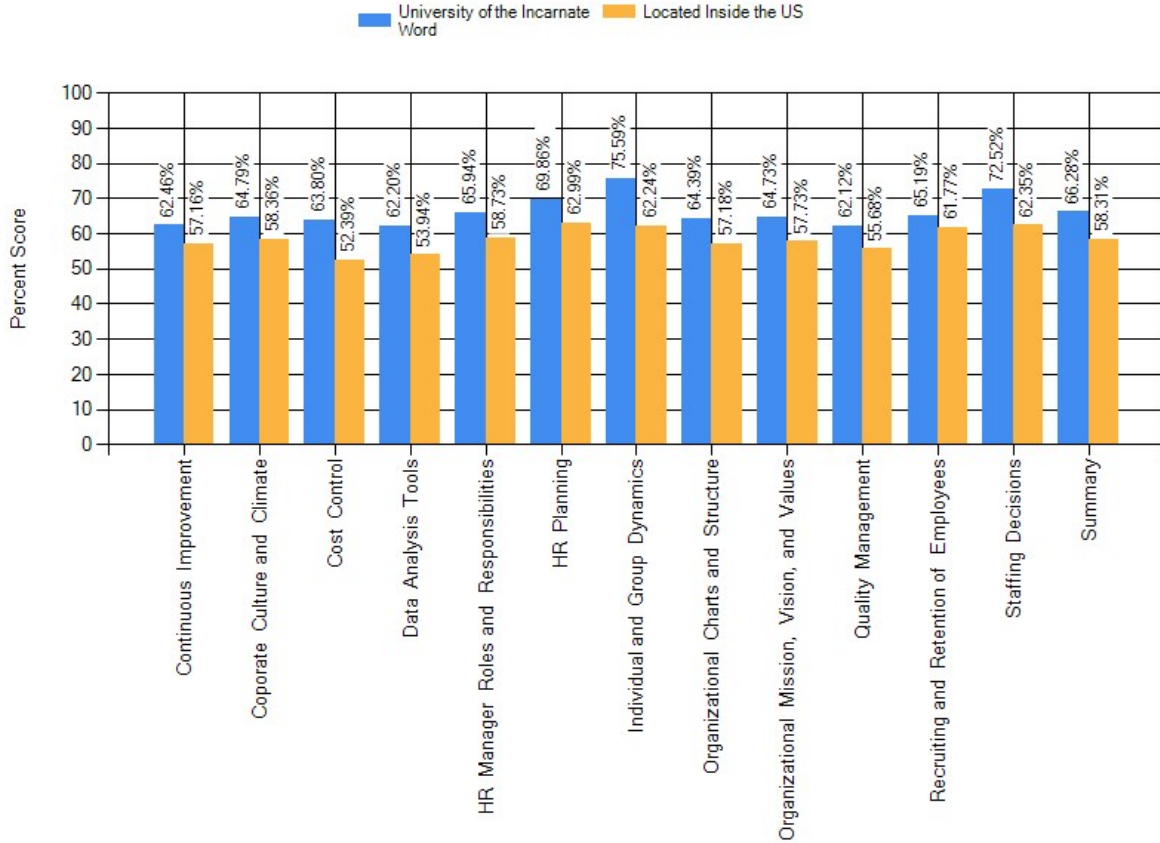

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 9.67

Mean Score: 66.28%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 20.75

* 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
Continuous Improvement	357	62.46%	67776	57.16%	65	48.72%	55.56%	62.16%	70.00%
Coporate Culture and Climate	355	64.79%	63424	58.36%	72	51.28%	57.14%	62.86%	69.23%
Cost Control	279	63.80%	62217	52.39%	*81	43.90%	50.00%	56.76%	65.71%
Data Analysis Tools	328	62.20%	62821	53.94%	72	44.74%	52.07%	58.82%	68.57%
HR Manager Roles and Responsibilities	276	65.94%	41166	58.73%	*75	51.52%	57.58%	62.86%	69.70%
HR Planning	418	69.86%	81021	62.99%	75	56.76%	61.76%	66.67%	73.17%
Individual and Group Dynamics	381	75.59%	79260	62.24%	87	53.85%	61.36%	67.57%	74.36%
Organizational Charts and Structure	337	64.39%	53390	57.18%	71	48.65%	55.56%	62.16%	70.58%
Organizational Mission, Vision, and Values	292	64.73%	43053	57.73%	*70	50.00%	55.26%	62.50%	70.59%
Quality Management	359	62.12%	62269	55.68%	68	46.67%	53.16%	60.74%	69.57%
Recruiting and Retention of Employees	316	65.19%	31489	61.77%	60	54.84%	61.29%	66.67%	72.10%
Staffing Decisions	302	72.52%	39942	62.35%	81	54.84%	60.89%	66.67%	73.62%
Summary	4000	66.28%	687828	58.31%	78	51.64%	56.69%	62.21%	68.32%

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
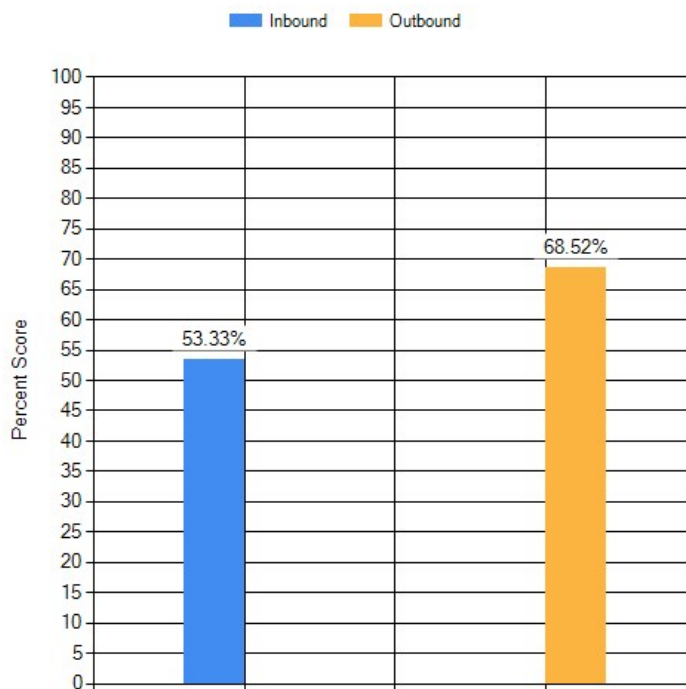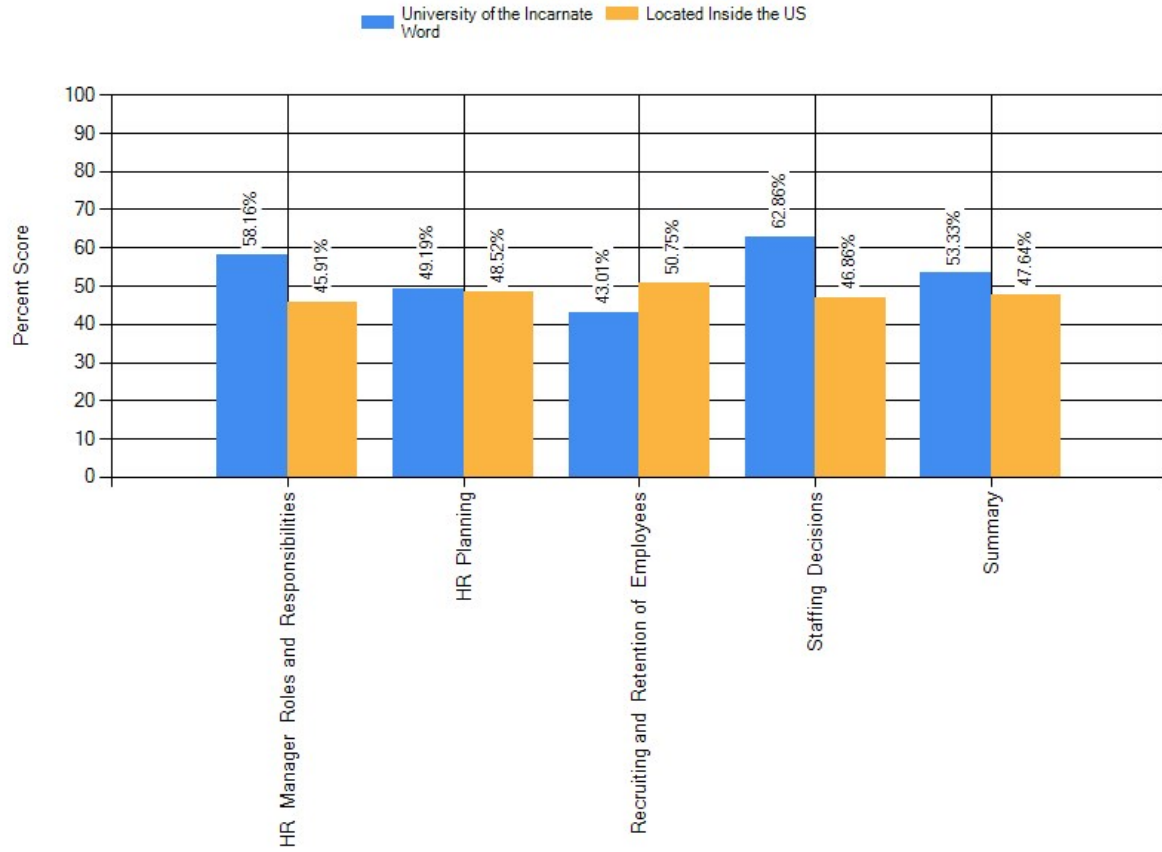
Inbound   Outbound

28.48% Percentage change from Inbound to Outbound
Sample Size: Inbound = 126, Outbound = 400
Mean Completion Time (mins): Inbound = 1.8, Outbound = 3.2

Management: Human Resource Management Assessment Summary

Assessment Summary Statistics

Management: Human Resource Management	Inbound	Outbound
Sample Size	126	400
Mean Score	53.33%	68.52%
Standard Deviation	30.50	28.73
Min Score	0%	0%
Max Score	100%	100%
Median Score	58%	67%
Mode	67%	100%

Inbound Exam Management: Human Resource Management Result
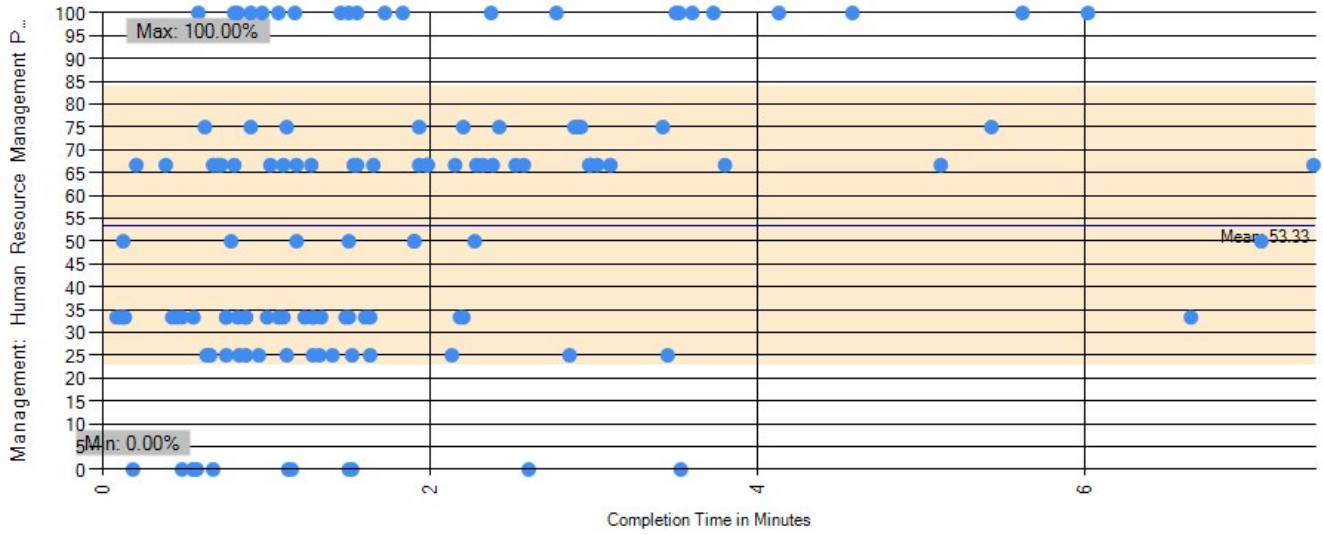
Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 1.82

Mean Score: 53.33%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 30.50

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

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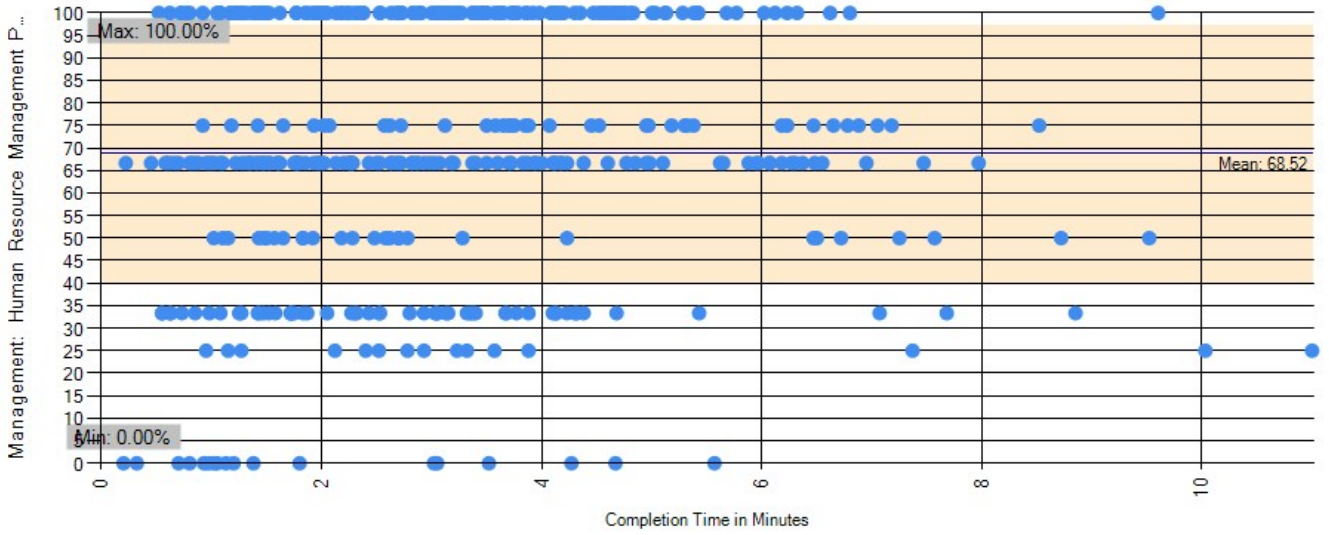

Frequency of Questions Offered on *Inbound* Exams

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
HR Manager Roles and Responsibilities	98	58.16%	13720	45.91%	*88	40.00%	45.05%	50.00%	56.26%
HR Planning	124	49.19%	28821	48.52%	*52	42.22%	47.50%	52.38%	58.33%
Recruiting and Retention of Employees	93	43.01%	9906	50.75%	*25	42.50%	50.00%	55.56%	62.50%
Staffing Decisions	105	62.86%	13270	46.86%	*96	40.00%	45.45%	51.35%	57.58%
Summary	420	53.33%	65717	47.64%	74	42.42%	47.04%	51.02%	56.60%

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
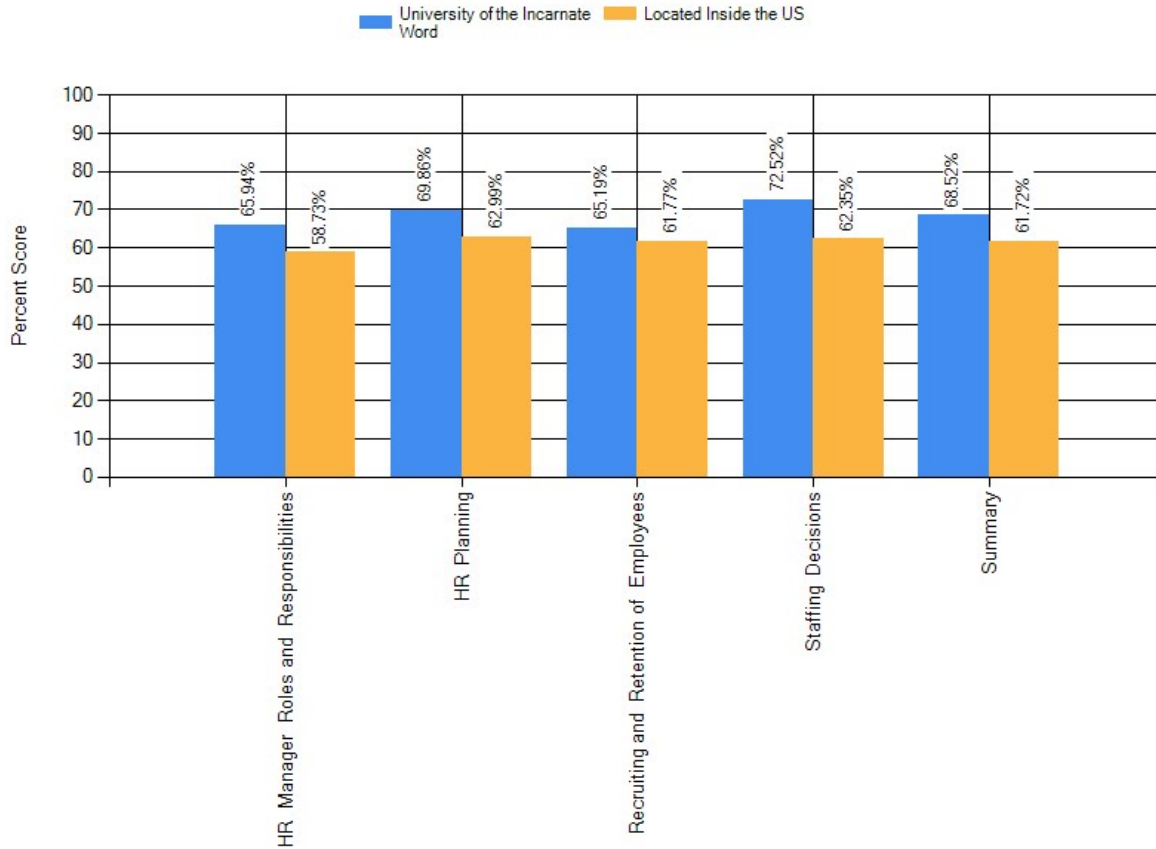

Sample Size: 400

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

Mean Score: 68.52%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 28.73

* 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
HR Manager Roles and Responsibilities	276	65.94%	41166	58.73%	*75	51.52%	57.58%	62.86%	69.70%
HR Planning	418	69.86%	81021	62.99%	75	56.76%	61.76%	66.67%	73.17%
Recruiting and Retention of Employees	316	65.19%	31489	61.77%	60	54.84%	61.29%	66.67%	72.10%
Staffing Decisions	302	72.52%	39942	62.35%	81	54.84%	60.89%	66.67%	73.62%
Summary	**1312**	**68.52%**	**193618**	**61.72%**	**76**	**56.00%**	**60.71%**	**65.57%**	**71.15%**

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
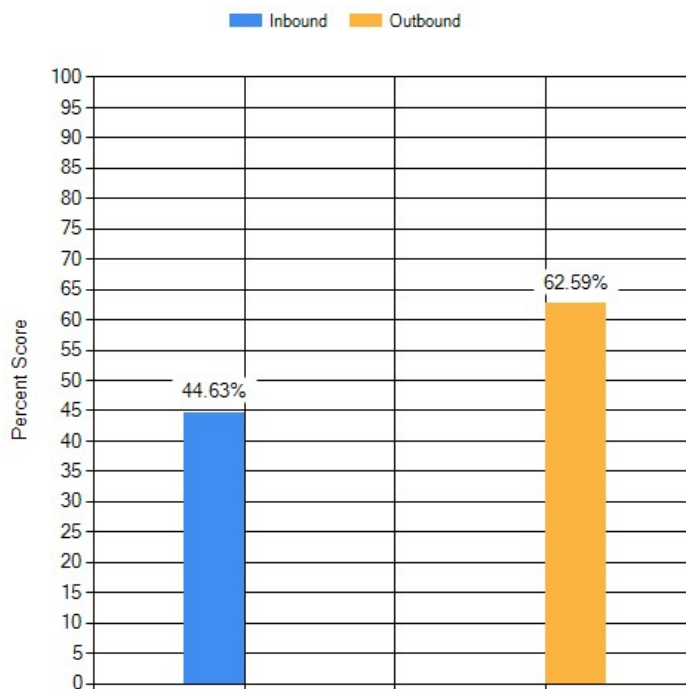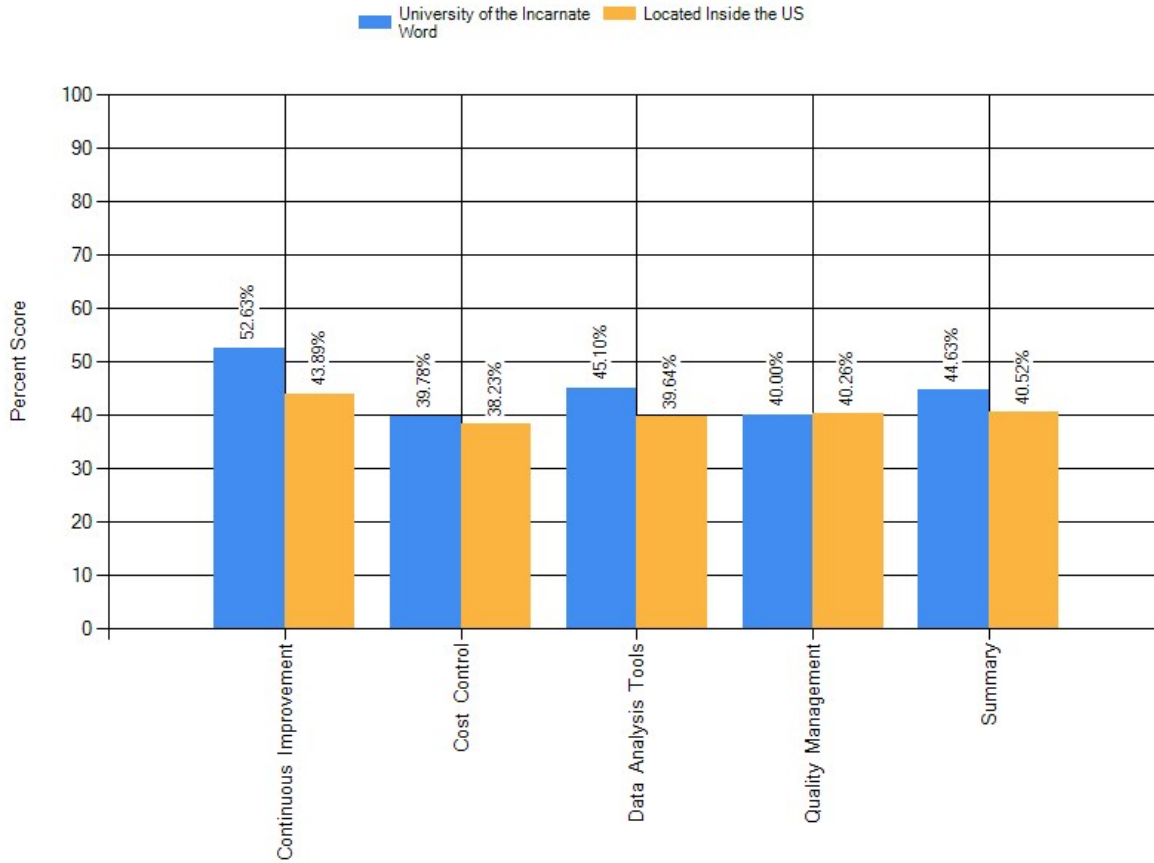
Inbound   Outbound

40.24% Percentage change from Inbound to Outbound

Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 1.9, Outbound = 3.3

Management: Operations/Production Management Assessment Summary

Assessment Summary Statistics

Management: Operations/Production Management	Inbound	Outbound
Sample Size	126	400
Mean Score	44.63%	62.59%
Standard Deviation	32.08	30.07
Min Score	0%	0%
Max Score	100%	100%
Median Score	33%	67%
Mode	67%	100%

Inbound Exam Management: Operations/Production Management Result
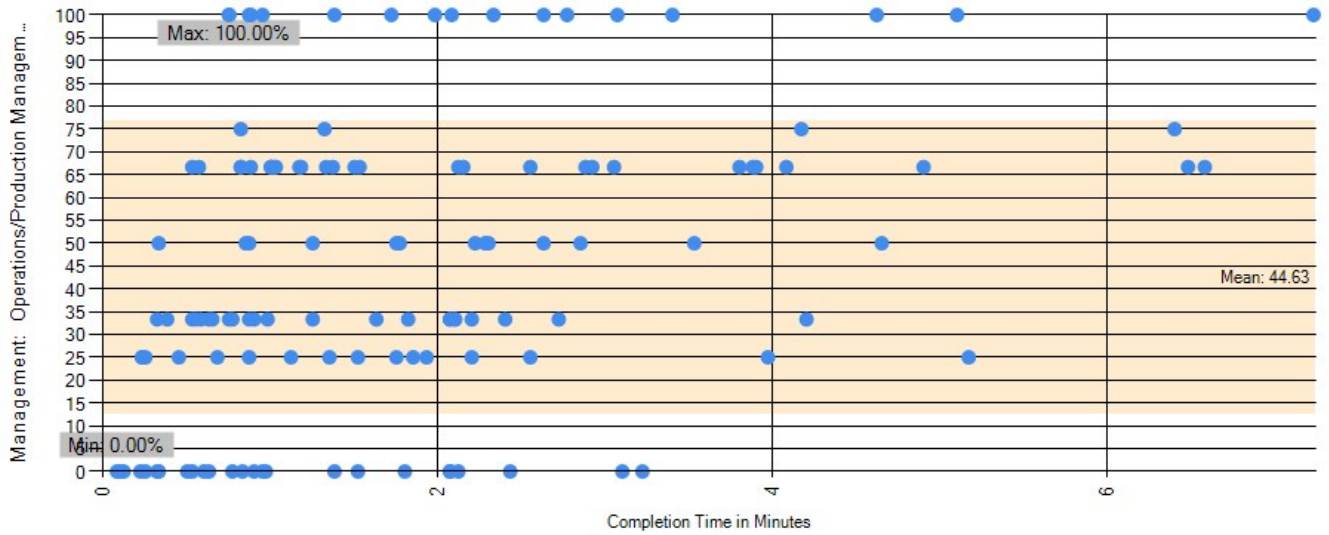
Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 1.85

Mean Score: 44.63%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 32.08

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

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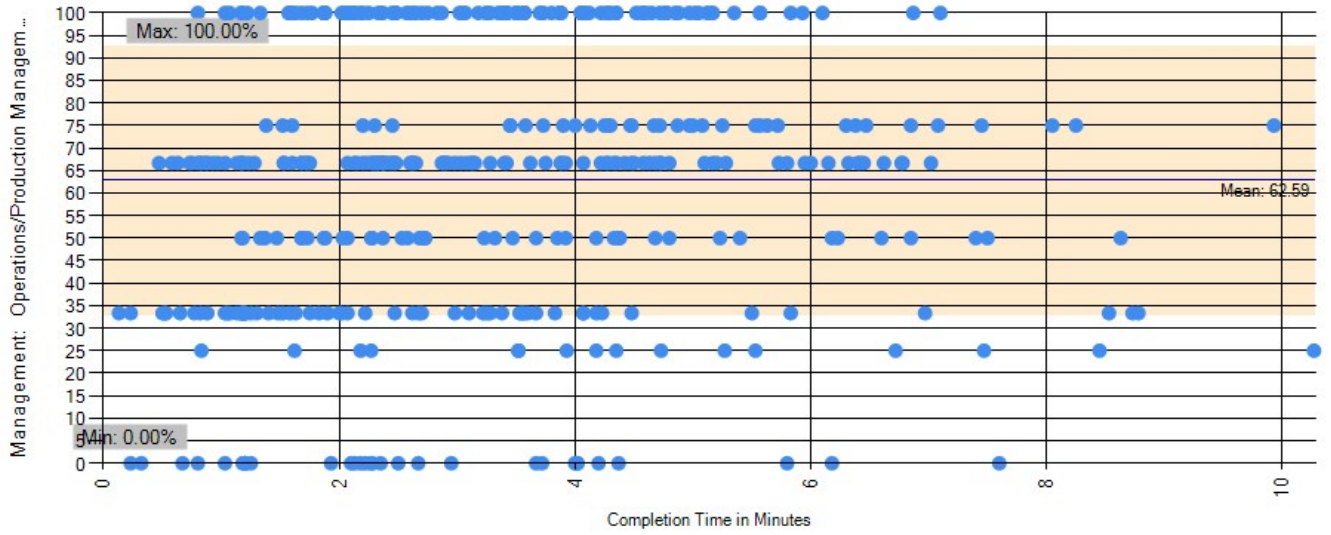

Frequency of Questions Offered on *Inbound* Exams

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
Continuous Improvement	114	52.63%	23968	43.89%	*80	36.84%	42.33%	47.37%	54.05%
Cost Control	93	39.78%	21741	38.23%	*59	31.74%	36.70%	41.36%	47.37%
Data Analysis Tools	102	45.10%	22618	39.64%	*72	33.33%	38.10%	42.41%	50.00%
Quality Management	110	40.00%	21871	40.26%	*51	33.33%	38.89%	44.44%	51.28%
Summary	**419**	**44.63%**	**90198**	**40.52%**	**70**	**35.29%**	**39.51%**	**43.24%**	**48.10%**

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
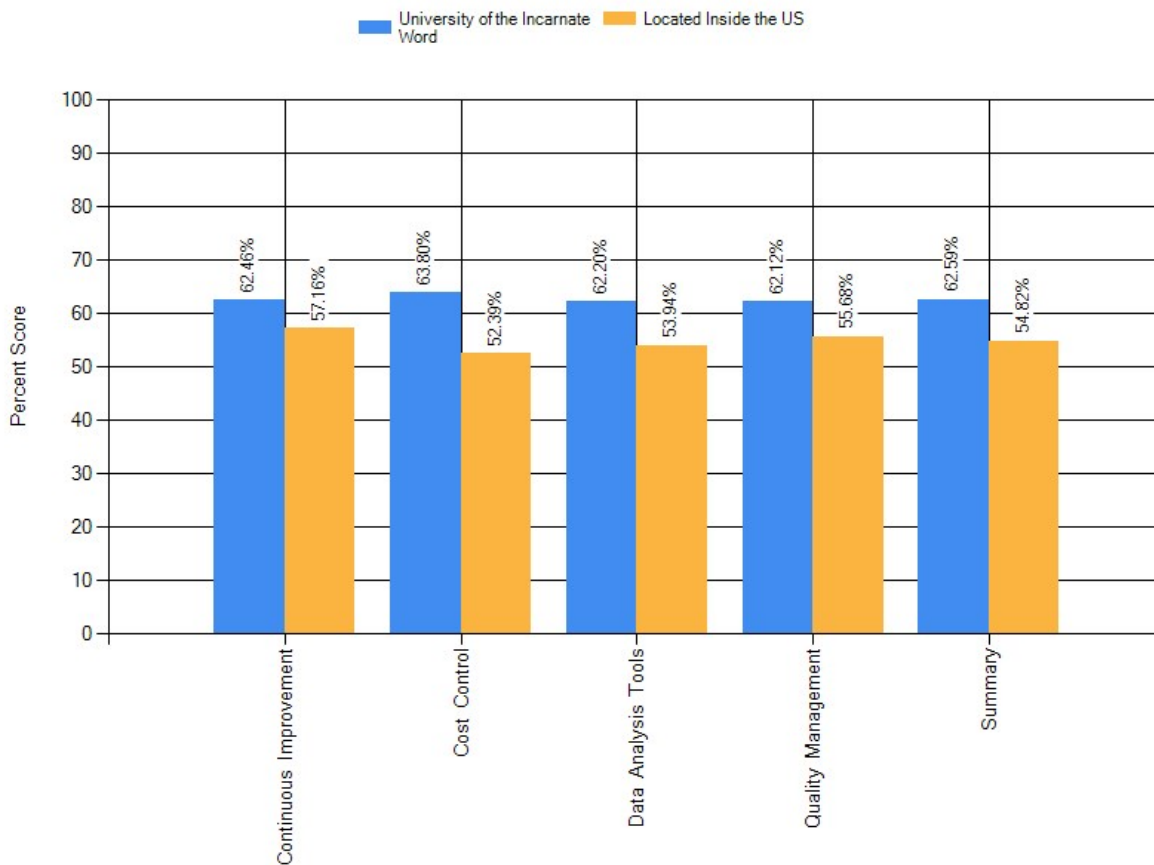

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 3.33

Mean Score: 62.59%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 30.07

* 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
Continuous Improvement	357	62.46%	67776	57.16%	65	48.72%	55.56%	62.16%	70.00%
Cost Control	279	63.80%	62217	52.39%	*81	43.90%	50.00%	56.76%	65.71%
Data Analysis Tools	328	62.20%	62821	53.94%	72	44.74%	52.07%	58.82%	68.57%
Quality Management	359	62.12%	62269	55.68%	68	46.67%	53.16%	60.74%	69.57%
Summary	**1323**	**62.59%**	**255083**	**54.82%**	**74**	**46.91%**	**52.63%**	**58.97%**	**67.07%**

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
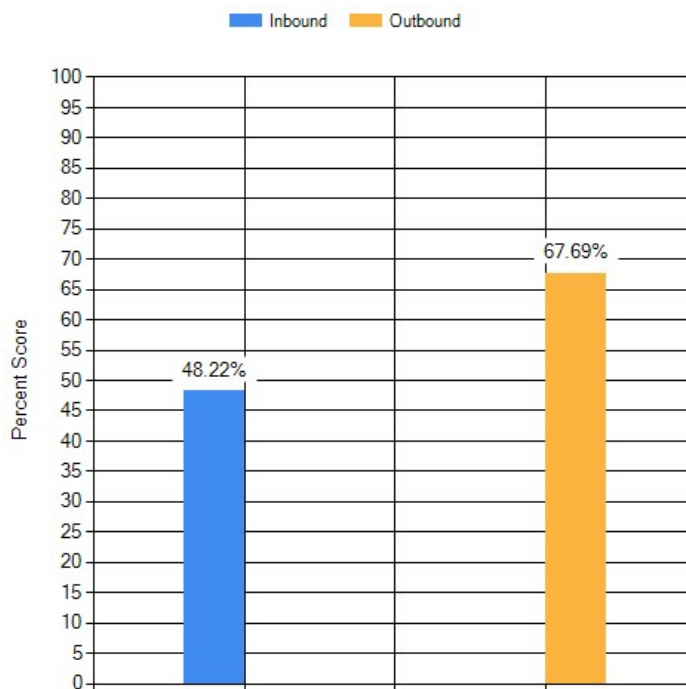
Inbound   Outbound

40.38% Percentage change from Inbound to Outbound

Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 1.8, Outbound = 3.1

Management: Organizational Behavior Assessment Summary

Assessment Summary Statistics

Management: Organizational Behavior	Inbound	Outbound
Sample Size	126	400
Mean Score	48.22%	67.69%
Standard Deviation	31.12	29.57
Min Score	0%	0%
Max Score	100%	100%
Median Score	50%	67%
Mode	67%	100%

Inbound Exam Management: Organizational Behavior Result
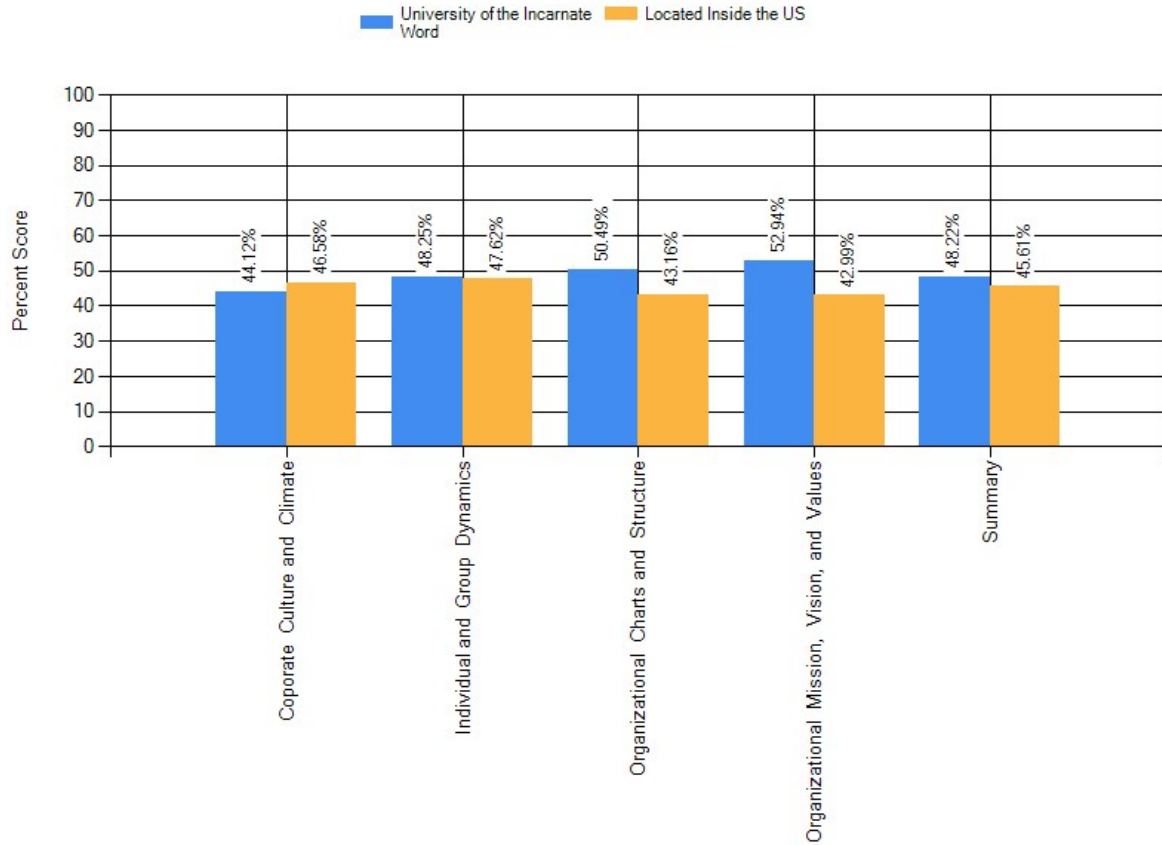

Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 1.82

Mean Score: 48.22%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 31.12

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

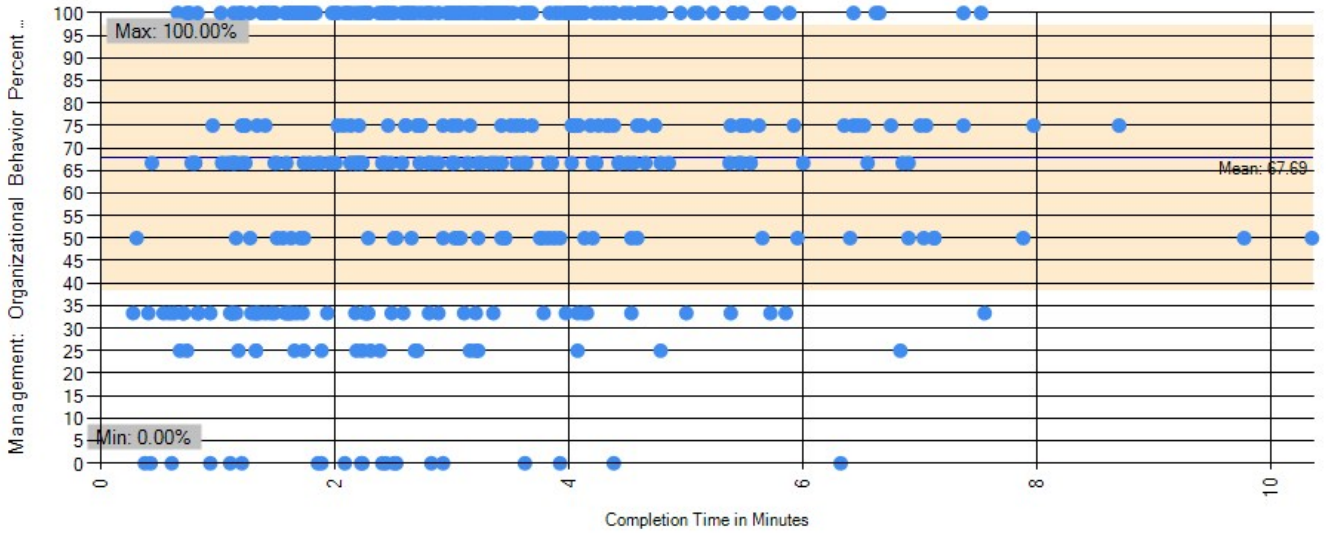# Management: Organizational Behavior Subject Score Comparison *Inbound Exam*

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
Coporate Culture and Climate	136	44.12%	21951	46.58%	*36	40.00%	45.71%	50.00%	56.10%
Individual and Group Dynamics	114	48.25%	28443	47.62%	*52	40.91%	46.34%	51.33%	57.94%
Organizational Charts and Structure	103	50.49%	18400	43.16%	*76	36.84%	41.18%	46.88%	54.05%
Organizational Mission, Vision, and Values	68	52.94%	13817	42.99%	*83	36.11%	41.66%	46.26%	53.33%
Summary	421	48.22%	82611	45.61%	65	40.63%	44.78%	48.20%	53.56%

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.

Outbound Exam Management: Organizational Behavior Result
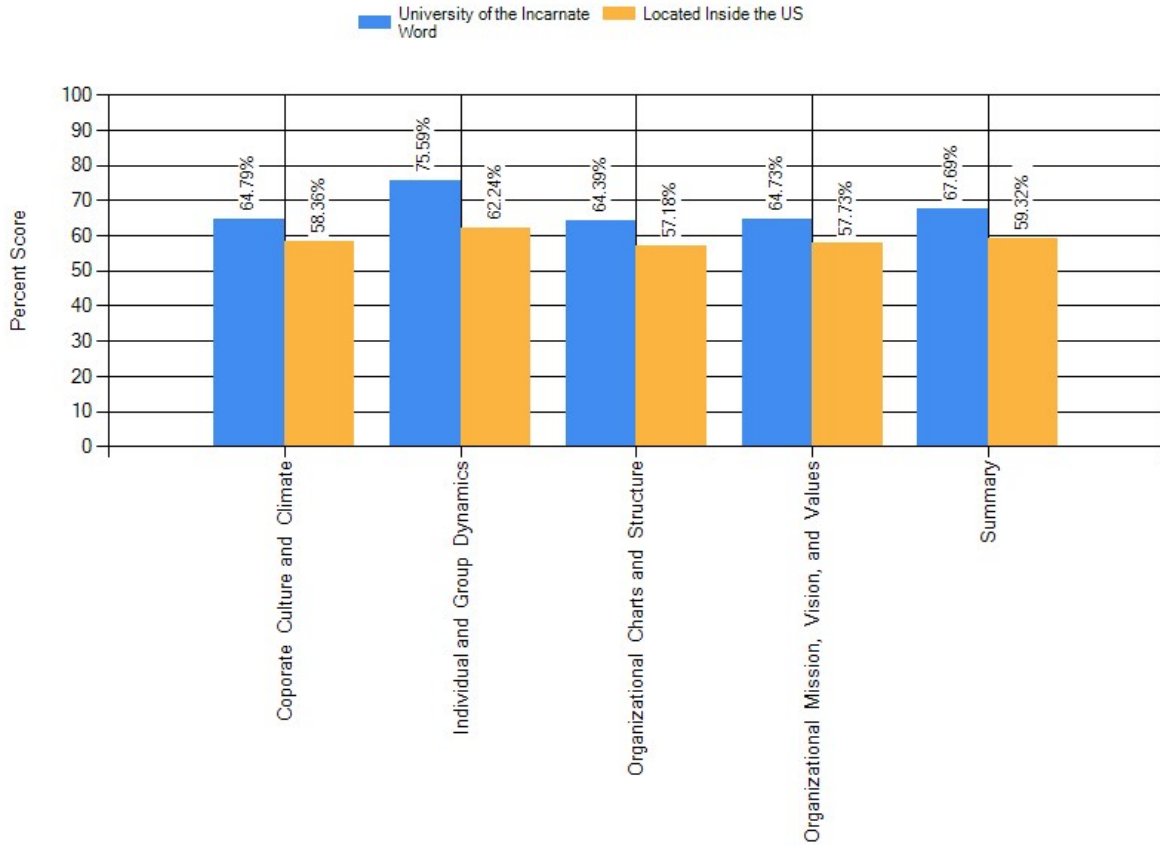

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 3.15

Mean Score: 67.69%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 29.57

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

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

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

Bar chart values:
- Coporate Culture and Climate: 64.79% / 58.36%
- Individual and Group Dynamics: 75.59% / 62.24%
- Organizational Charts and Structure: 64.39% / 57.18%
- Organizational Mission, Vision, and Values: 64.73% / 57.73%
- Summary: 67.69% / 59.32%

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
Coporate Culture and Climate	355	64.79%	63424	58.36%	72	51.28%	57.14%	62.86%	69.23%
Individual and Group Dynamics	381	75.59%	79260	62.24%	87	53.85%	61.36%	67.57%	74.36%
Organizational Charts and Structure	337	64.39%	53390	57.18%	71	48.65%	55.56%	62.16%	70.58%
Organizational Mission, Vision, and Values	292	64.73%	43053	57.73%	*70	50.00%	55.26%	62.50%	70.59%
Summary	**1365**	**67.69%**	**239127**	**59.32%**	**78**	**52.11%**	**57.81%**	**63.73%**	**70.59%**

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.

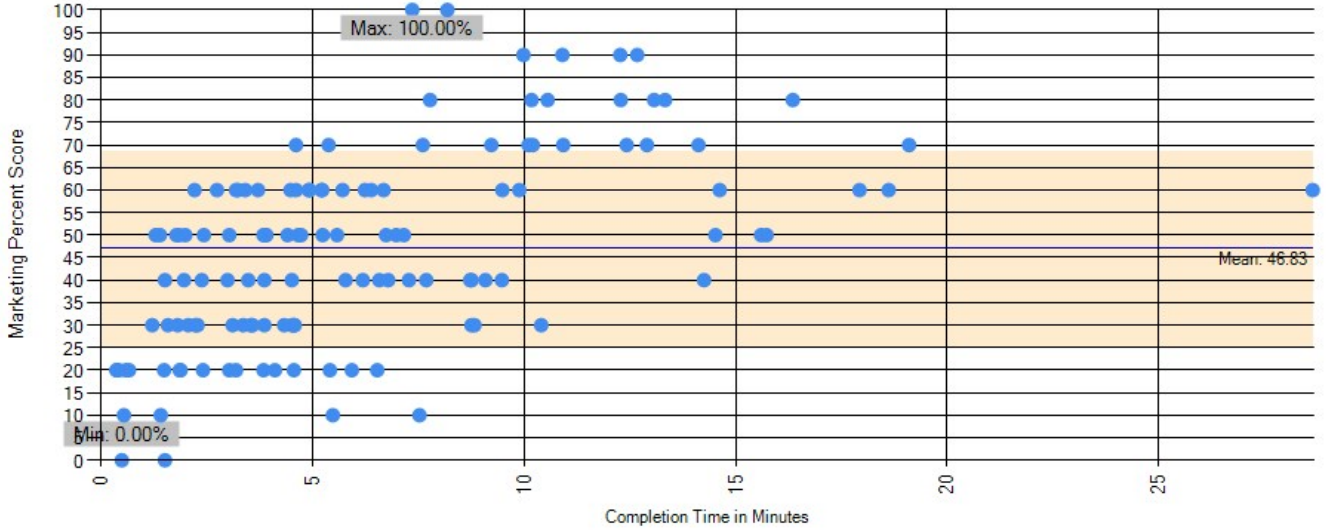# Marketing Score Comparison
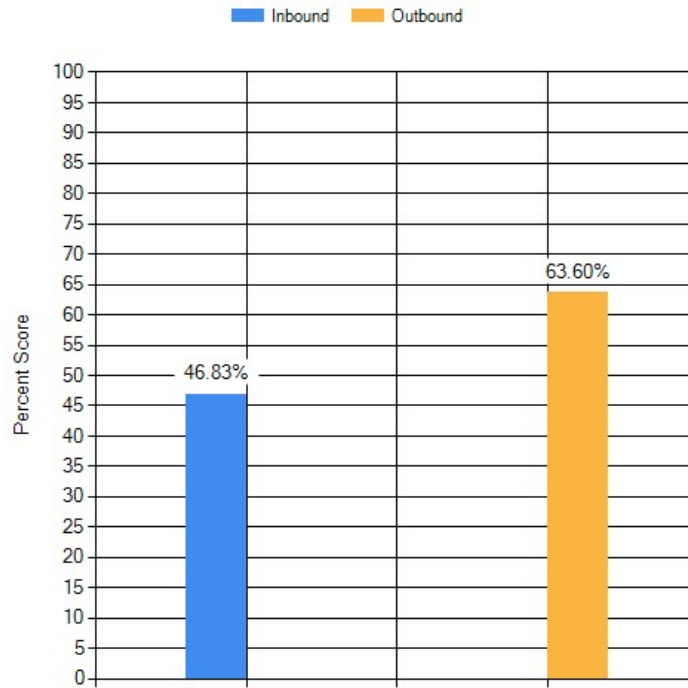
Inbound   Outbound

35.81% Percentage change from Inbound to Outbound

Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 6.3, Outbound = 10.3

Marketing Assessment Summary

Assessment Summary Statistics

Marketing	Inbound	Outbound
Sample Size	126	400
Mean Score	46.83%	63.60%
Standard Deviation	21.68	22.41
Min Score	0%	10%
Max Score	100%	100%
Median Score	50%	70%
Mode	60%	80%

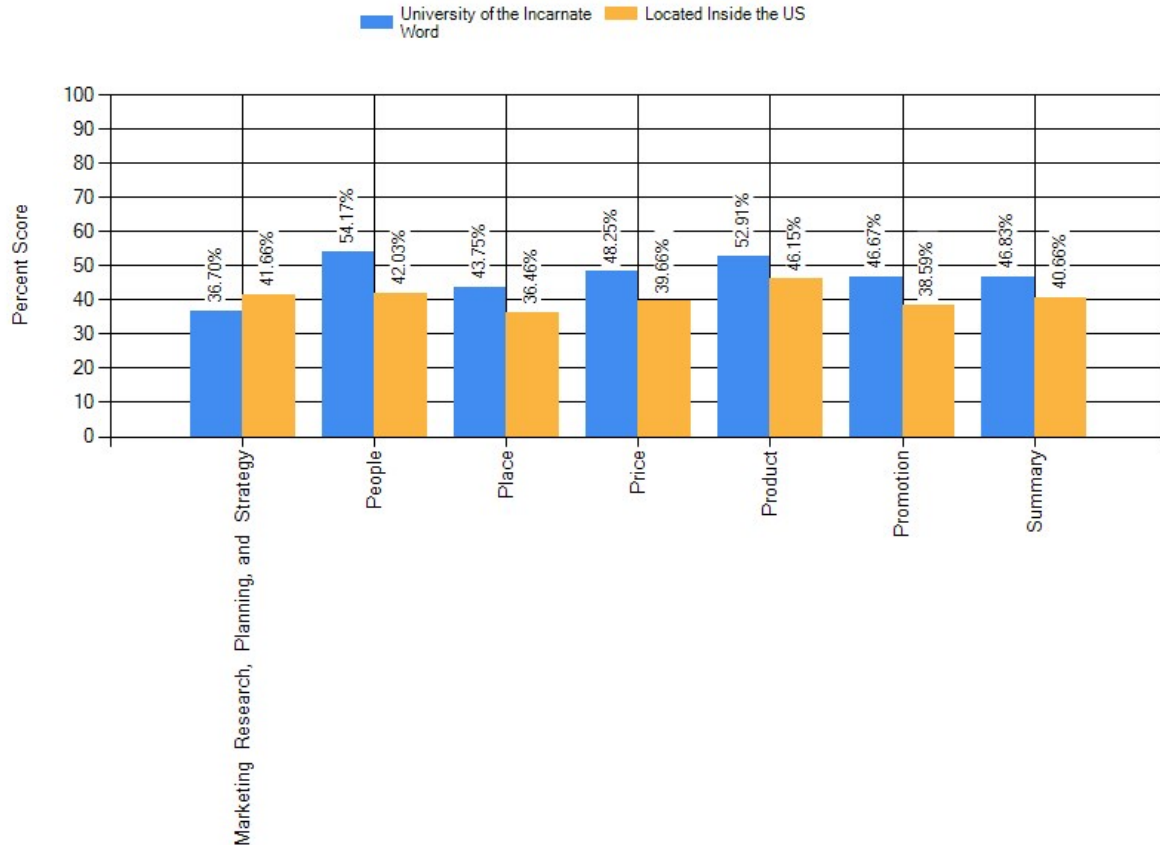# Inbound Exam Marketing Result

Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 6.33

Mean Score: 46.83%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 21.68

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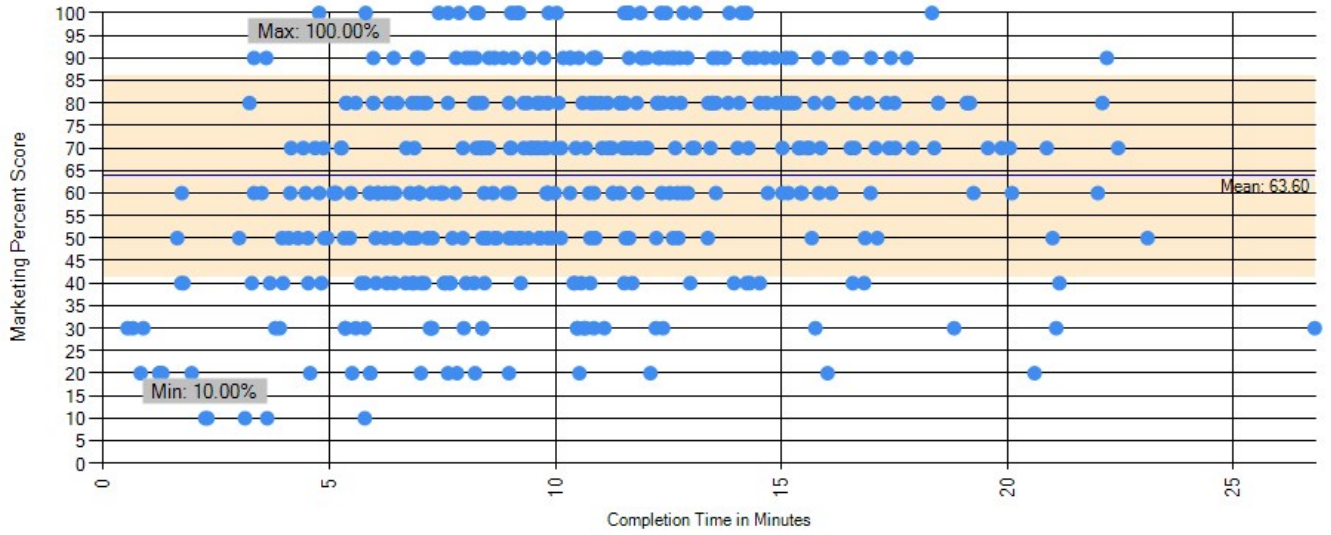
Marketing Subject Score Comparison *Inbound Exam*

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
Marketing Research, Planning, and Strategy	218	36.70%	55036	41.66%	*27	35.71%	40.39%	45.28%	50.88%
People	192	54.17%	50618	42.03%	*90	35.75%	40.82%	45.95%	51.85%
Place	208	43.75%	47073	36.46%	*79	30.00%	34.86%	40.00%	45.65%
Price	228	48.25%	56471	39.66%	*81	33.33%	38.60%	43.33%	49.09%
Product	189	52.91%	42455	46.15%	*75	39.53%	44.74%	50.00%	57.14%
Promotion	225	46.67%	42574	38.59%	*80	32.50%	37.21%	42.00%	47.83%
Summary	1260	46.83%	294227	40.66%	81	36.33%	40.18%	43.40%	47.62%

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.
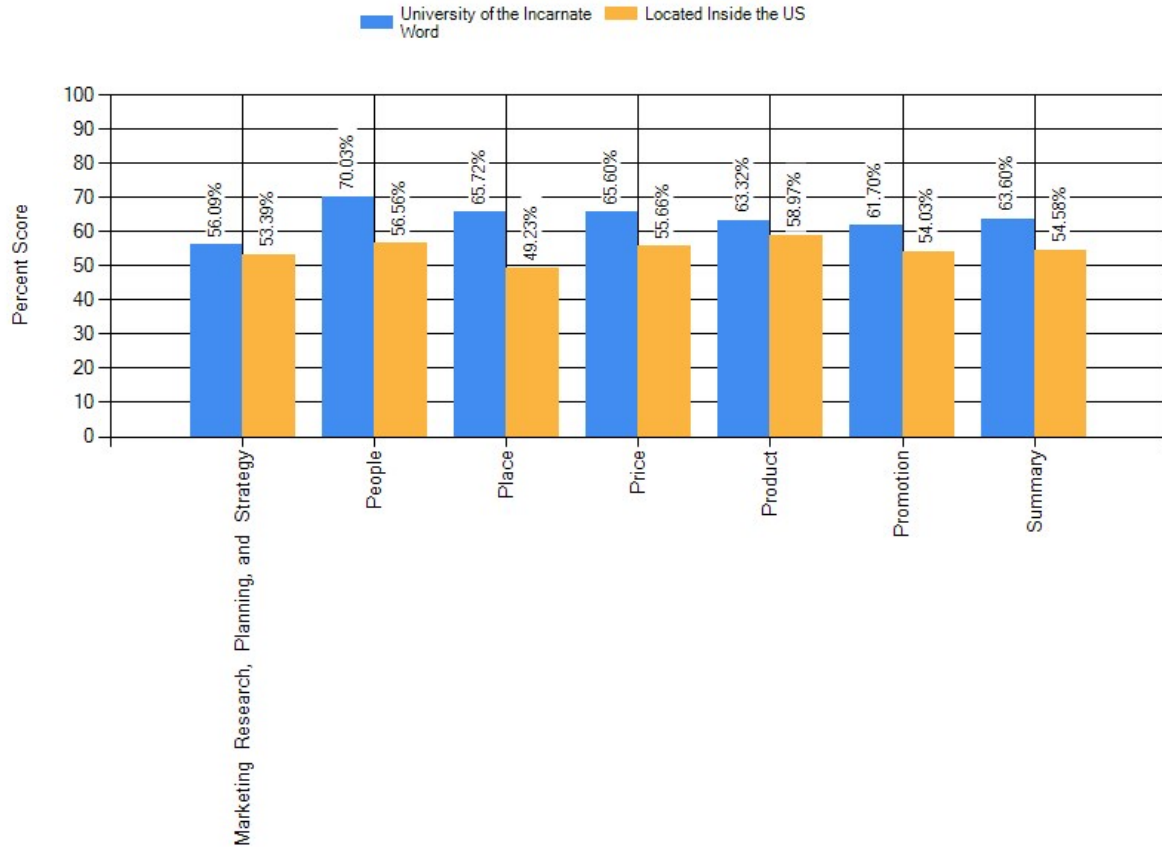
Outbound Exam Marketing Result

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 10.32

Mean Score: 63.60%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 22.41

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

# Marketing Subject Score Comparison *Outbound Exam*

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
Marketing Research, Planning, and Strategy	706	56.09%	134275	53.39%	60	46.94%	52.00%	57.14%	63.32%
People	624	70.03%	125563	56.56%	88	49.06%	55.10%	60.85%	68.00%
Place	636	65.72%	115803	49.23%	92	41.46%	47.62%	53.33%	61.11%
Price	689	65.60%	136715	55.66%	82	48.21%	54.24%	59.68%	66.67%
Product	687	63.32%	102843	58.97%	62	52.27%	58.49%	63.83%	69.77%
Promotion	658	61.70%	104498	54.03%	74	46.67%	52.29%	58.14%	65.82%
Summary	4000	63.6%	719697	54.58%	85	48.82%	53.33%	57.83%	63.36%

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

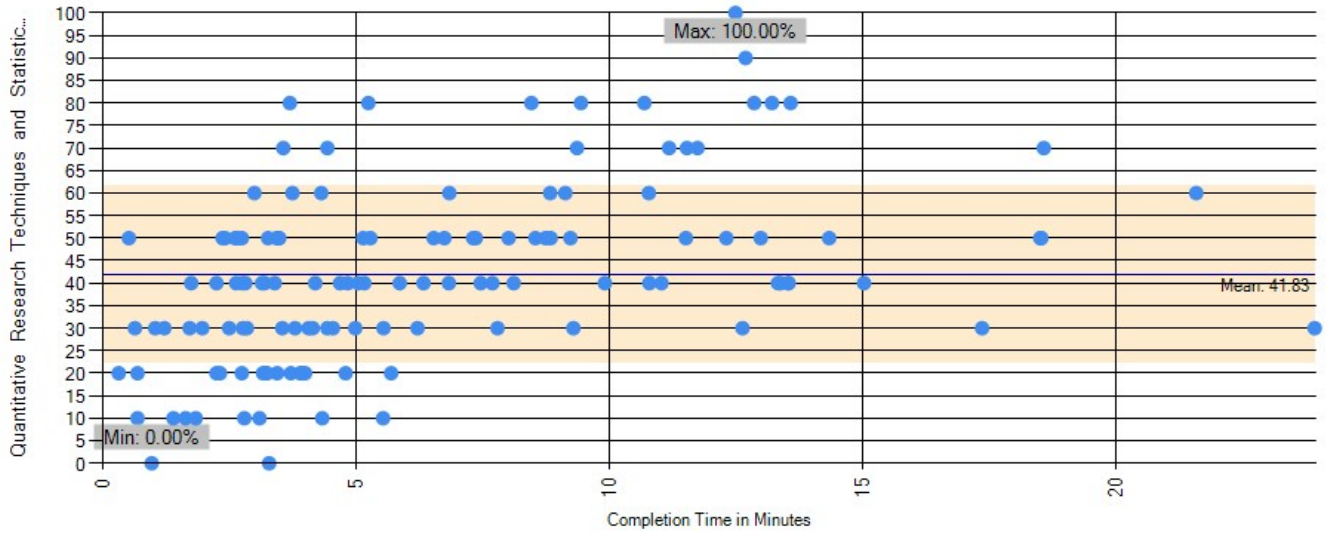# Quantitative Research Techniques and Statistics Score Comparison
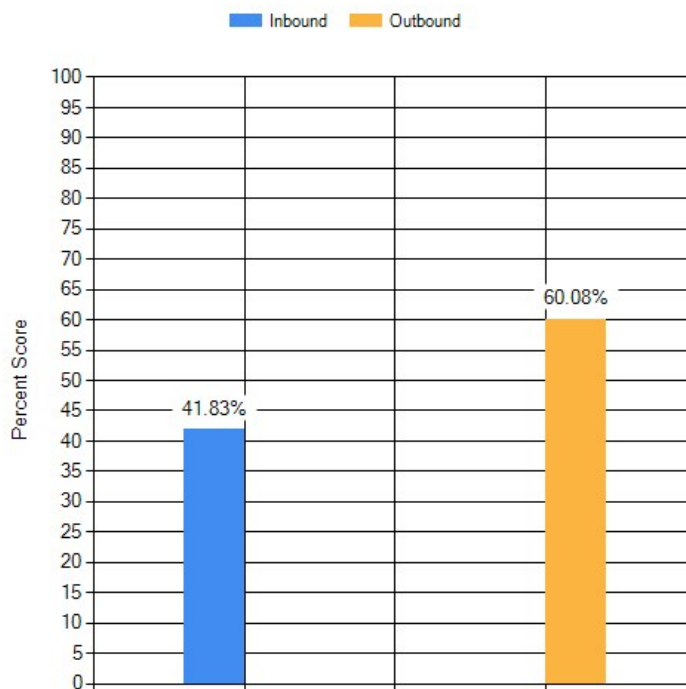
43.63% Percentage change from Inbound to Outbound

Sample Size: Inbound = 126, Outbound = 400

Mean Completion Time (mins): Inbound = 6.5, Outbound = 10.6

Quantitative Research Techniques and Statistics Assessment Summary

Assessment Summary Statistics

Quantitative Research Techniques and Statistics	Inbound	Outbound
Sample Size	126	400
Mean Score	41.83%	60.08%
Standard Deviation	19.86	22.49
Min Score	0%	0%
Max Score	100%	100%
Median Score	40%	60%
Mode	50%	70%

Inbound Exam Quantitative Research Techniques and Statistics Result
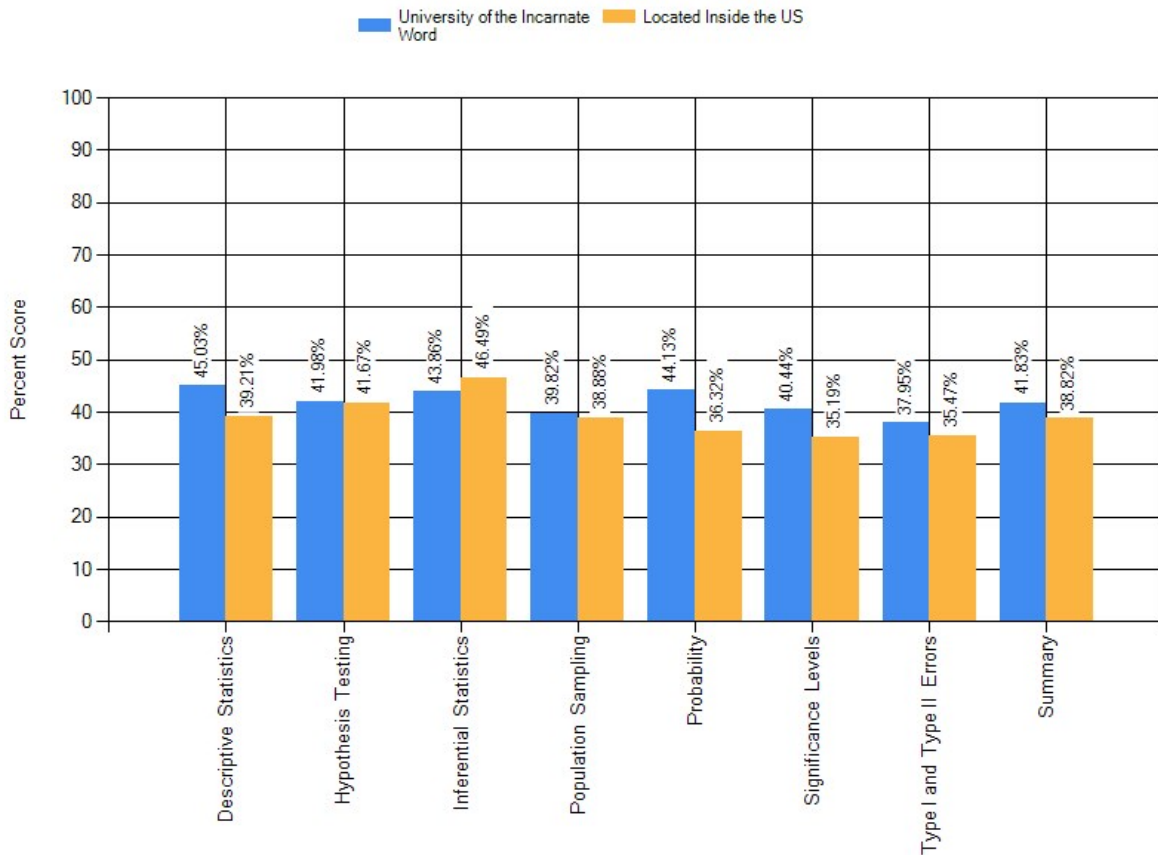

Sample Size: 126

Mean Completion Time for this Topic (mins): Inbound = 6.55

Mean Score: 41.83%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 19.86

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

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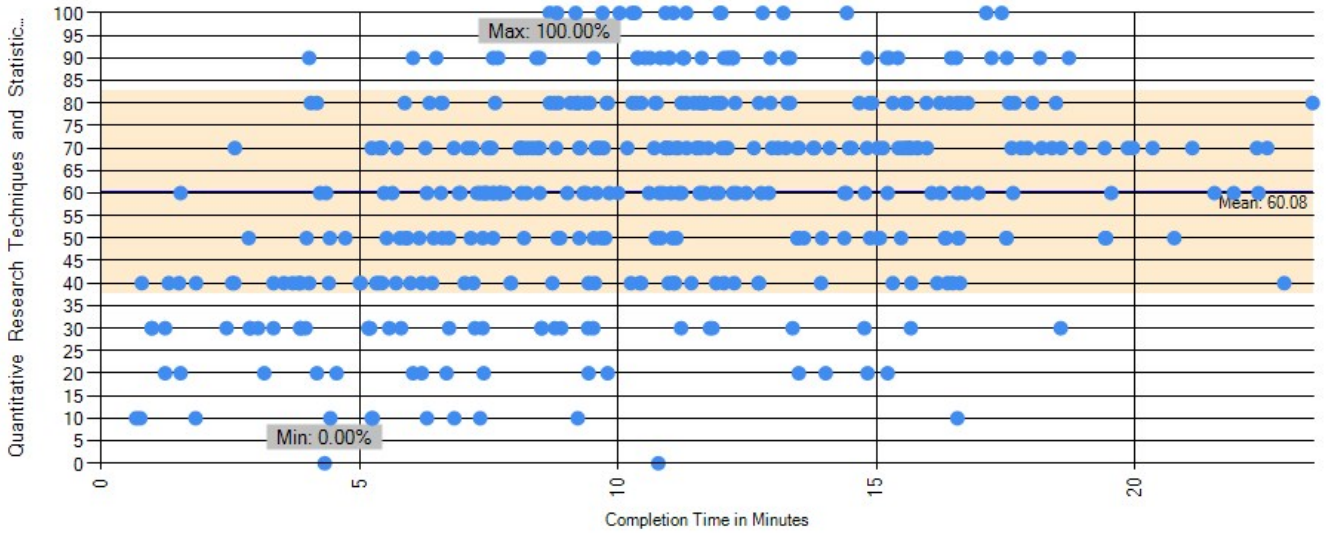

Frequency of Questions Offered on *Inbound* Exams

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
Descriptive Statistics	191	45.03%	47123	39.21%	*76	33.33%	38.71%	42.37%	47.54%
Hypothesis Testing	162	41.98%	34838	41.67%	*50	35.56%	40.52%	44.90%	50.97%
Inferential Statistics	171	43.86%	20594	46.49%	*38	39.47%	45.71%	50.00%	55.88%
Population Sampling	226	39.82%	53530	38.88%	*57	33.94%	37.50%	41.38%	46.77%
Probability	179	44.13%	32271	36.32%	*84	30.77%	35.26%	39.13%	44.19%
Significance Levels	136	40.44%	21233	35.19%	*71	28.95%	34.21%	38.10%	44.44%
Type I and Type II Errors	195	37.95%	34781	35.47%	*64	29.79%	34.09%	38.10%	43.75%
Summary	**1260**	**41.83%**	**244370**	**38.82%**	**72**	**35.20%**	**38.14%**	**40.76%**	**43.80%**

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
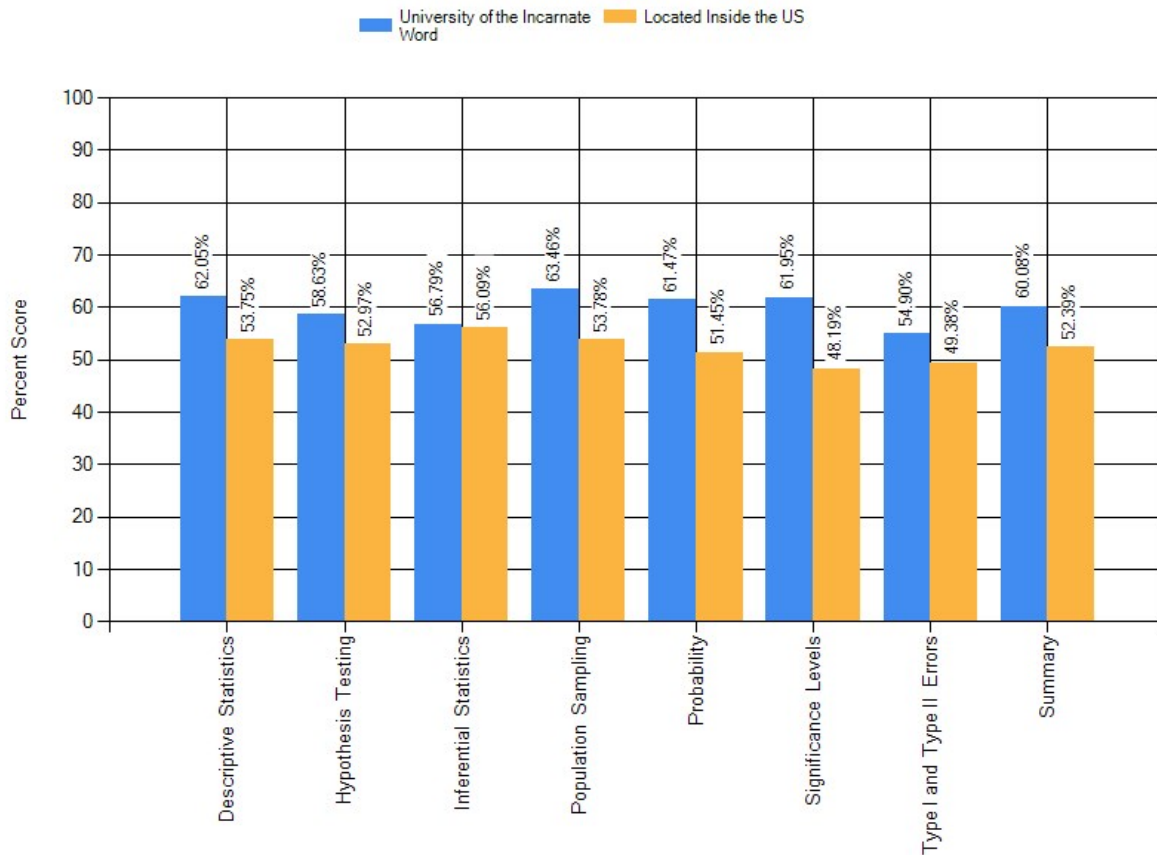

Sample Size: 400

Mean Completion Time for this Topic (mins): Outbound = 10.63

Mean Score: 60.08%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 22.49

* 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
Descriptive Statistics	643	62.05%	126068	53.75%	79	46.55%	52.54%	57.82%	64.59%
Hypothesis Testing	527	58.63%	93960	52.97%	71	46.67%	51.22%	56.60%	63.41%
Inferential Statistics	523	56.79%	63245	56.09%	51	47.17%	54.55%	61.54%	69.91%
Population Sampling	728	63.46%	143349	53.78%	78	45.76%	51.85%	58.46%	66.04%
Probability	545	61.47%	90934	51.45%	79	42.58%	50.00%	56.25%	64.15%
Significance Levels	473	61.95%	64256	48.19%	87	40.00%	46.58%	52.78%	60.40%
Type I and Type II Errors	561	54.90%	96460	49.38%	66	40.68%	47.62%	54.55%	63.33%
Summary	**4000**	**60.08%**	**678272**	**52.39%**	**78**	**45.67%**	**50.62%**	**56.01%**	**62.54%**

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

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.