



Internal Analysis Report

University of the Incarnate Word

7/14/2017 - 8/1/2018

Total Tests = 272

Inbound = 99

Outbound = 173

Academic Level: Masters

Aggregate: Located Inside the US

Courses

Inbound: MBA Competency Exam

PMBA6313 Beginning of MBA Program (Inbound Exam)

Outbound: BMGT 63CS Capstone

PMBA6317 End of Program (Outbound Exam)

Prepared By:

Peregrine Academic Services, LLC

P.O. Box 741

Gillette WY 82717-0741

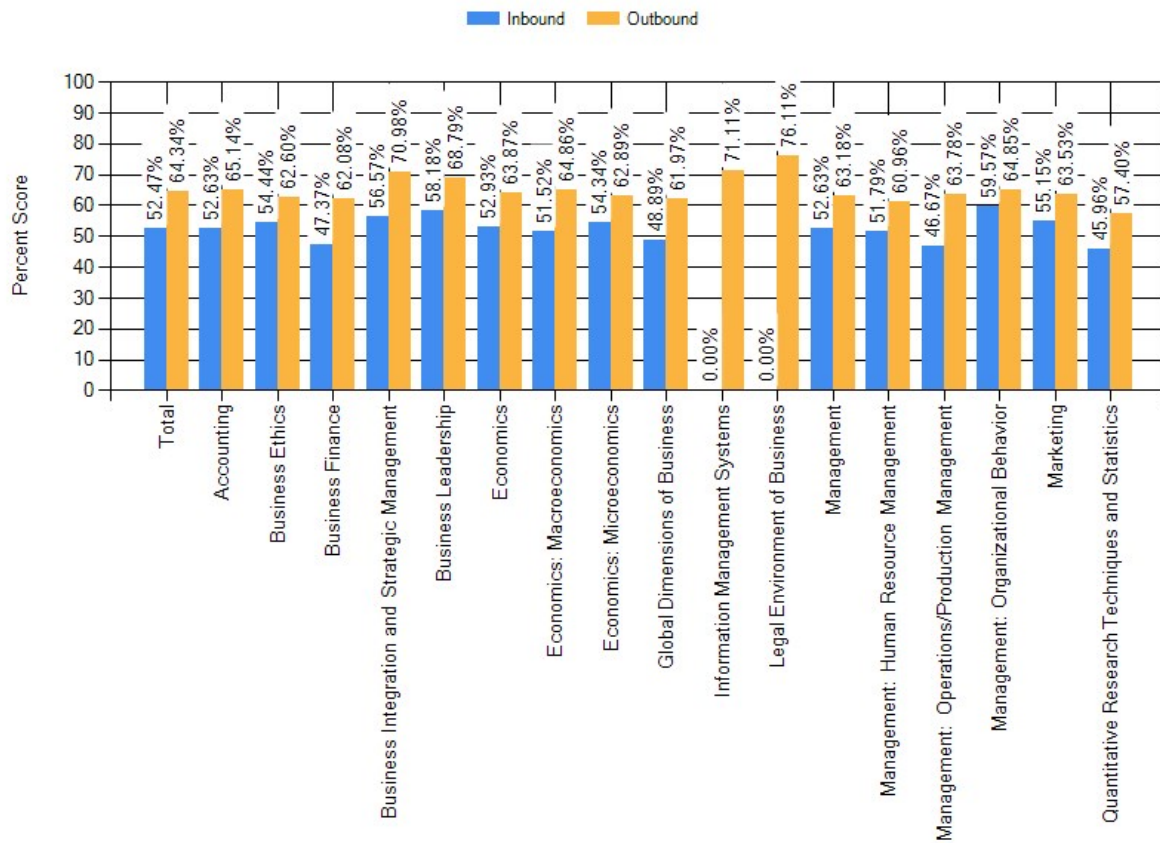
(307) 685-1555

Please direct questions to PASClientServices@peregrineacademics.com

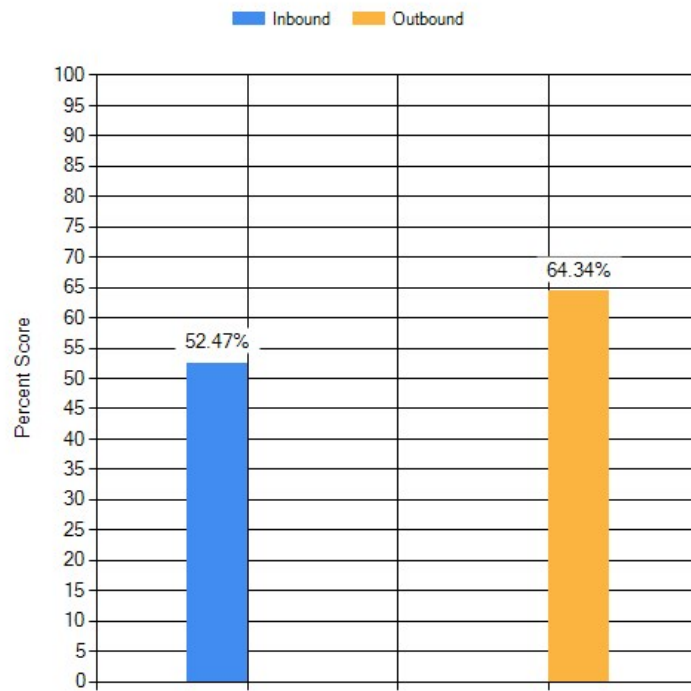
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Comparison of Inbound Exam Results with Outbound Exam Results



Total Score Comparison

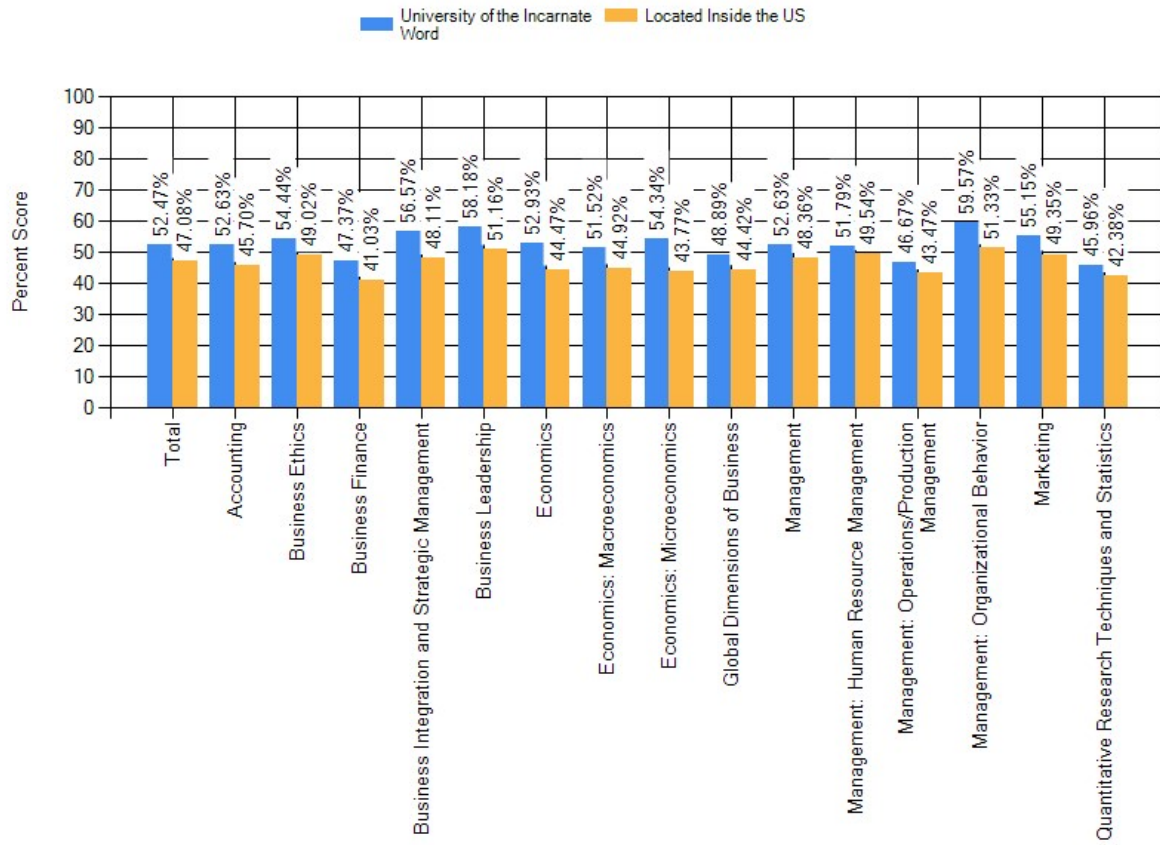


22.62% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

Mean Completion Time (mins): Inbound = 80.7, Outbound = 109.4

Inbound Exam

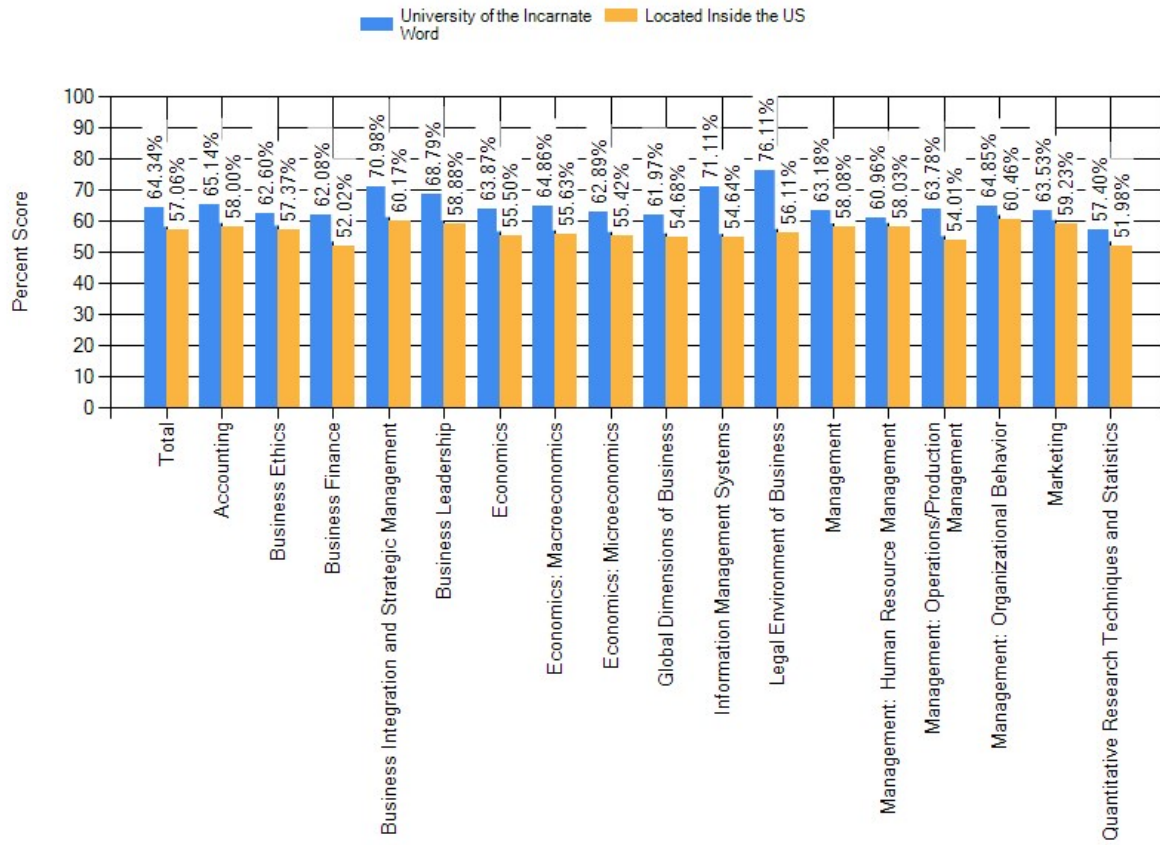


Inbound Exam Summary

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	990	52.63%	257621	45.70%	86	41.00%	44.00%	47.00%	52.00%
Business Ethics	990	54.44%	307035	49.02%	86	45.66%	48.11%	50.33%	54.00%
Business Finance	990	47.37%	288499	41.03%	88	37.27%	39.67%	42.32%	45.89%
Business Integration and Strategic Management	990	56.57%	307539	48.11%	91	44.07%	46.82%	49.66%	53.53%
Business Leadership	990	58.18%	260445	51.16%	92	48.00%	50.33%	52.50%	55.41%
Economics	990	52.93%	237725	44.47%	91	40.19%	43.26%	46.00%	50.00%
Economics: Macroeconomics	495	51.52%	122039	44.92%	86	40.08%	44.00%	46.67%	50.67%
Economics: Microeconomics	495	54.34%	115537	43.77%	93	39.25%	42.67%	45.91%	50.00%
Global Dimensions of Business	990	48.89%	288799	44.42%	80	40.33%	43.33%	46.00%	50.00%
Management	990	52.63%	311105	48.36%	80	45.07%	47.33%	49.82%	53.39%
Management: Human Resource Management	336	51.79%	116186	49.54%	64	45.54%	48.81%	51.84%	56.18%
Management: Operations/Production Management	330	46.67%	95782	43.47%	71	38.83%	42.31%	45.36%	50.50%
Management: Organizational Behavior	324	59.57%	99063	51.33%	89	47.00%	50.00%	53.68%	58.16%
Marketing	990	55.15%	319920	49.35%	87	45.67%	48.33%	51.00%	54.67%
Quantitative Research Techniques and Statistics	990	45.96%	170799	42.38%	77	38.12%	40.79%	43.48%	47.94%
Summary	9900	52.47%	2749487	47.08%	88	44.03%	45.94%	48.05%	51.33%

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

Outbound Exam

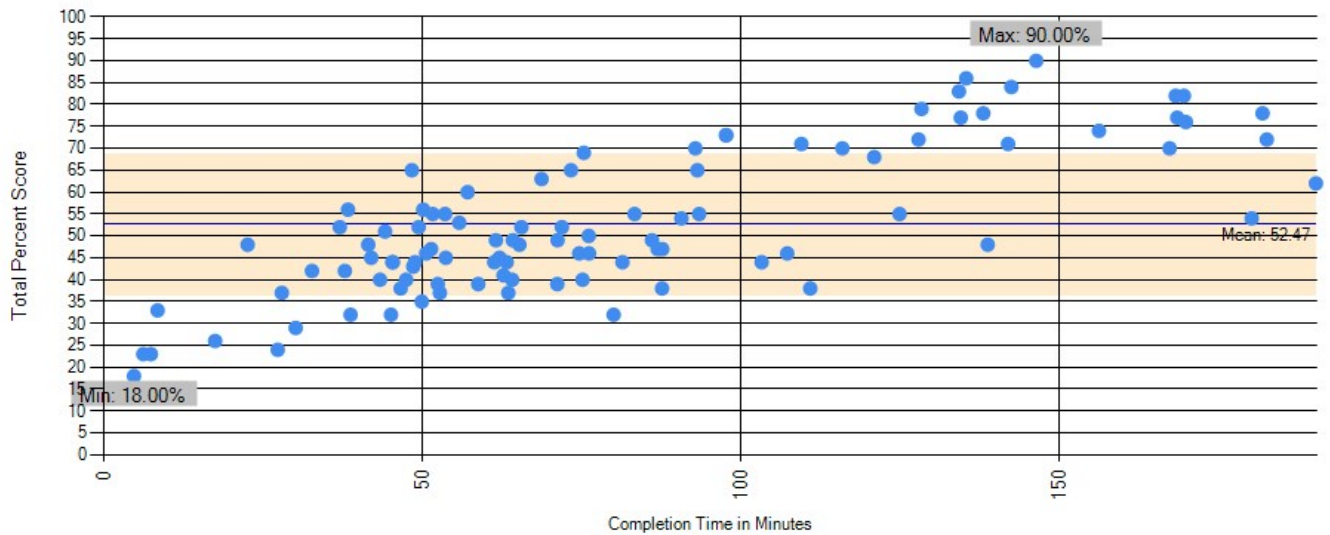


Outbound Exam Summary

Outbound	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Accounting	1730	65.14%	492473	58.00%	76	51.67%	56.33%	62.00%	68.00%
Business Ethics	1730	62.60%	504043	57.37%	76	52.35%	56.19%	60.00%	64.77%
Business Finance	1730	62.08%	470619	52.02%	85	45.33%	50.37%	55.33%	61.52%
Business Integration and Strategic Management	1730	70.98%	521453	60.17%	88	53.72%	58.92%	63.75%	69.67%
Business Leadership	1730	68.79%	376516	58.88%	90	54.00%	57.33%	61.00%	66.33%
Economics	1730	63.87%	437621	55.50%	81	49.16%	54.05%	59.33%	65.10%
Economics: Macroeconomics	865	64.86%	219551	55.63%	83	49.33%	54.67%	59.33%	65.33%
Economics: Microeconomics	865	62.89%	218030	55.42%	77	48.53%	54.49%	59.20%	65.80%
Global Dimensions of Business	1730	61.97%	409753	54.68%	78	48.00%	53.00%	58.00%	64.33%
Information Management Systems	360	71.11%	271352	54.64%	99	50.10%	53.62%	57.00%	61.40%
Legal Environment of Business	360	76.11%	402278	56.11%	99	50.33%	54.92%	59.33%	64.67%
Management	1730	63.18%	540376	58.08%	74	53.00%	57.30%	61.01%	65.85%
Management: Human Resource Management	584	60.96%	161037	58.03%	63	52.48%	57.14%	61.24%	66.67%
Management: Operations/Production Management	577	63.78%	150569	54.01%	84	47.47%	52.60%	57.58%	64.00%
Management: Organizational Behavior	569	64.85%	228143	60.46%	70	54.90%	59.38%	63.52%	68.74%
Marketing	1730	63.53%	518561	59.23%	71	53.67%	57.92%	62.00%	67.92%
Quantitative Research Techniques and Statistics	1730	57.40%	362833	51.98%	72	45.29%	50.63%	55.67%	61.10%
Summary	18020	64.34%	5307878	57.06%	82	51.68%	55.71%	59.81%	65.07%

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

Inbound Exam **Total** Result



Sample Size: 99

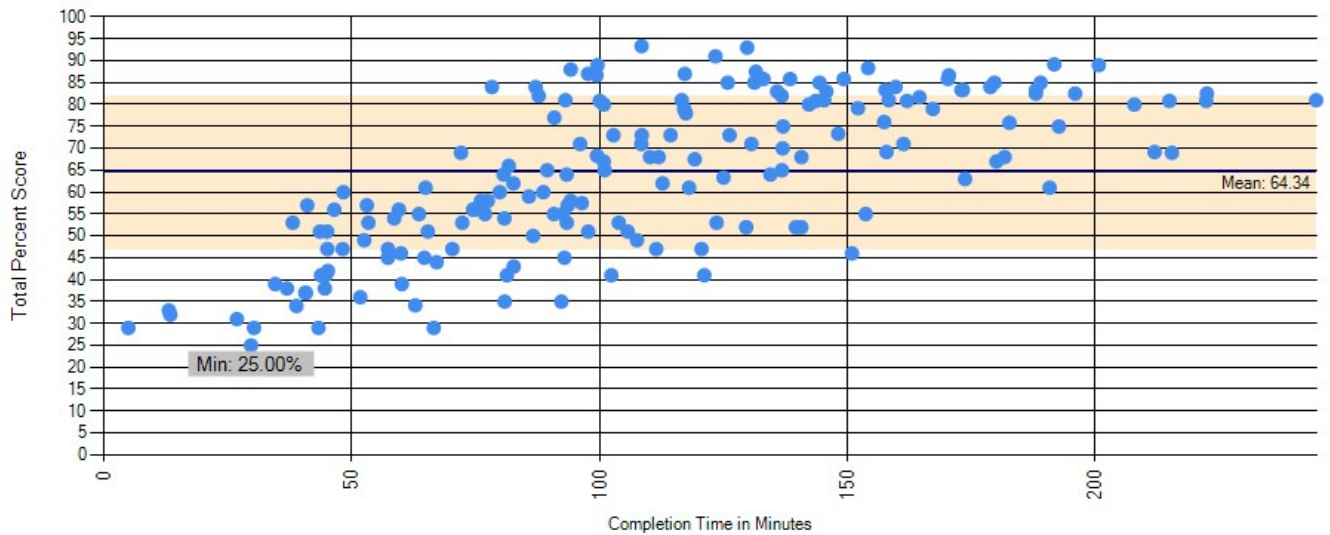
Mean Completion Time for this Topic (mins): Inbound = 80.68

Mean Score: 52.47%, Max Score: 90.00%, Min Score: 18.00%

Standard Deviation: 16.26

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

Outbound Exam **Total** Result



Sample Size: 173

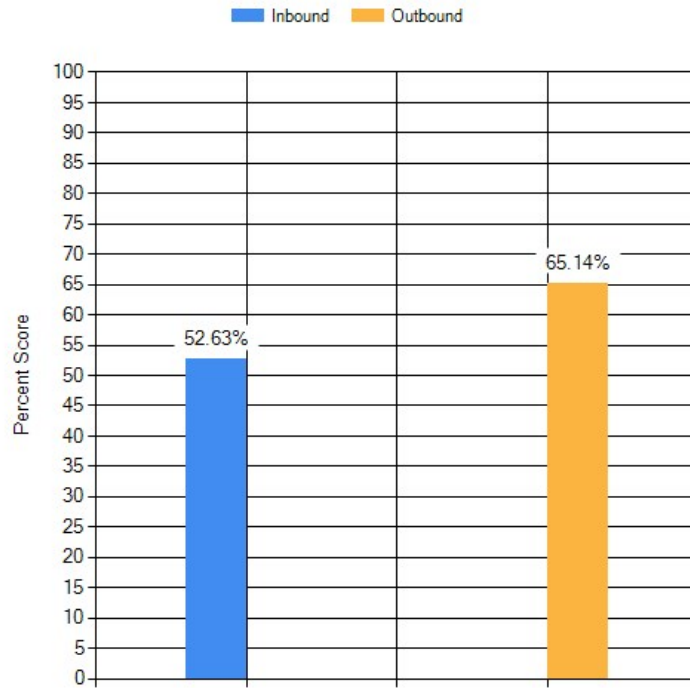
Mean Completion Time for this Topic (mins): Outbound = 109.42

Mean Score: 64.34%, Max Score: 93.33%, Min Score: 25.00%

Standard Deviation: 17.60

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

Accounting Score Comparison



23.77% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

Mean Completion Time (mins): Inbound = 8.5, Outbound = 10.1

Accounting Assessment Summary

Assessment Summary Statistics

<u>Accounting</u>	<u>Inbound</u>	<u>Outbound</u>
Sample Size	99	173
Mean Score	52.63%	65.14%
Standard Deviation	24.01	25.19
Min Score	10%	0%
Max Score	100%	100%
Median Score	50%	70%
Mode	40%	80%

Inbound Exam Accounting Result



Sample Size: 99

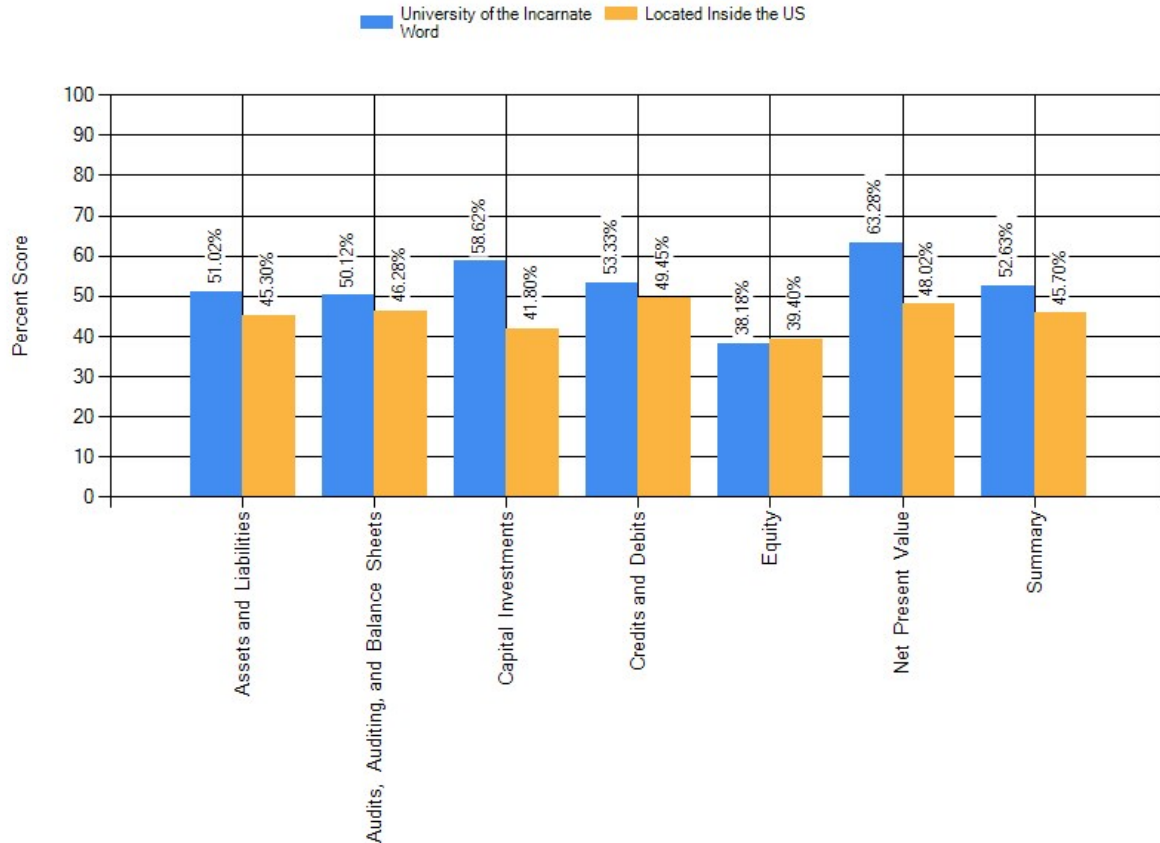
Mean Completion Time for this Topic (mins): Inbound = 8.47

Mean Score: 52.63%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 24.01

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

Accounting Subject Score Comparison *Inbound Exam*



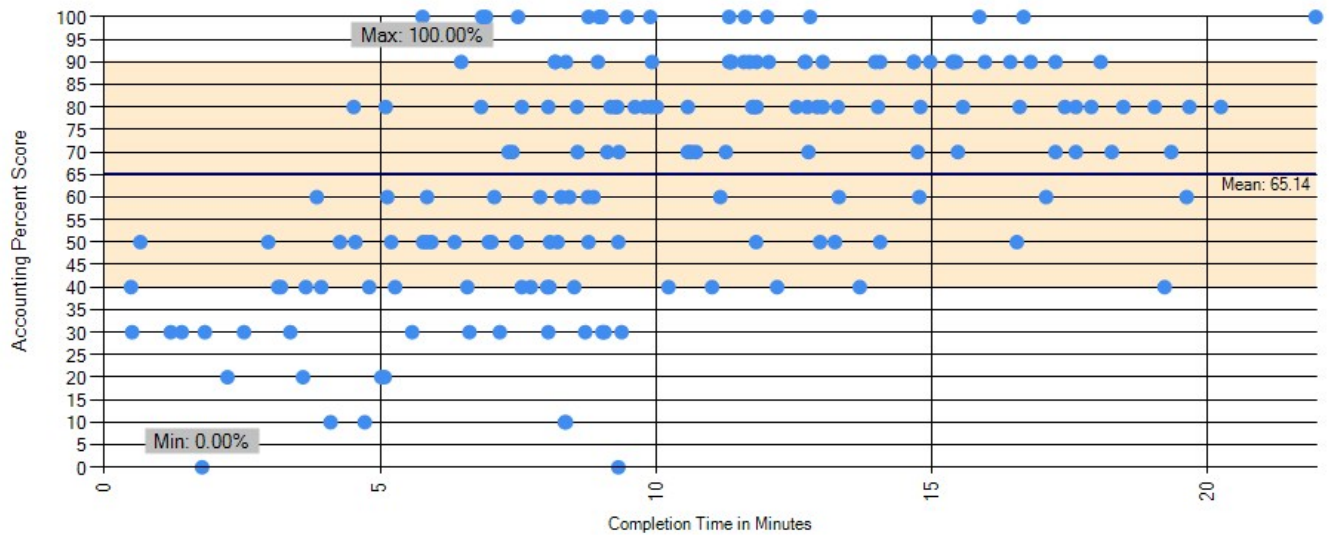
Frequency of Questions Offered on *Inbound Exams*

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
Assets and Liabilities	196	51.02%	56121	45.30%	*78	39.47%	43.48%	47.81%	53.57%
Audits, Auditing, and Balance Sheets	405	50.12%	99494	46.28%	73	41.21%	44.34%	48.00%	53.64%
Capital Investments	116	58.62%	27197	41.80%	*92	34.88%	40.00%	44.44%	52.33%
Credits and Debits	90	53.33%	27097	49.45%	*68	43.48%	48.00%	52.50%	58.29%
Equity	55	38.18%	14254	39.40%	*45	32.43%	37.84%	42.50%	50.00%
Net Present Value	128	63.28%	30051	48.02%	*93	41.30%	46.51%	51.22%	58.27%
Summary	990	52.63%	254214	45.70%	86	41.00%	44.00%	47.00%	52.00%

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

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

Outbound Exam Accounting Result



Sample Size: 173

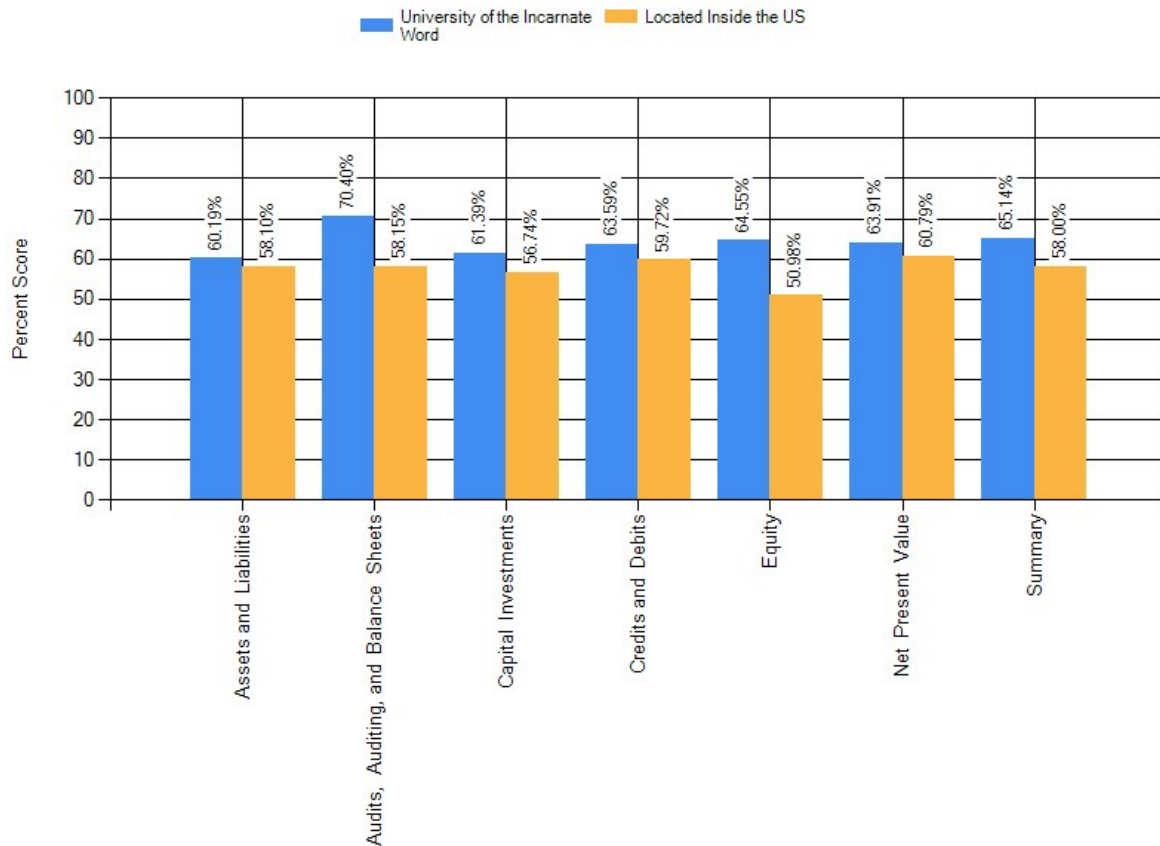
Mean Completion Time for this Topic (mins): Outbound = 10.08

Mean Score: 65.14%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 25.19

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

Accounting Subject Score Comparison *Outbound Exam*



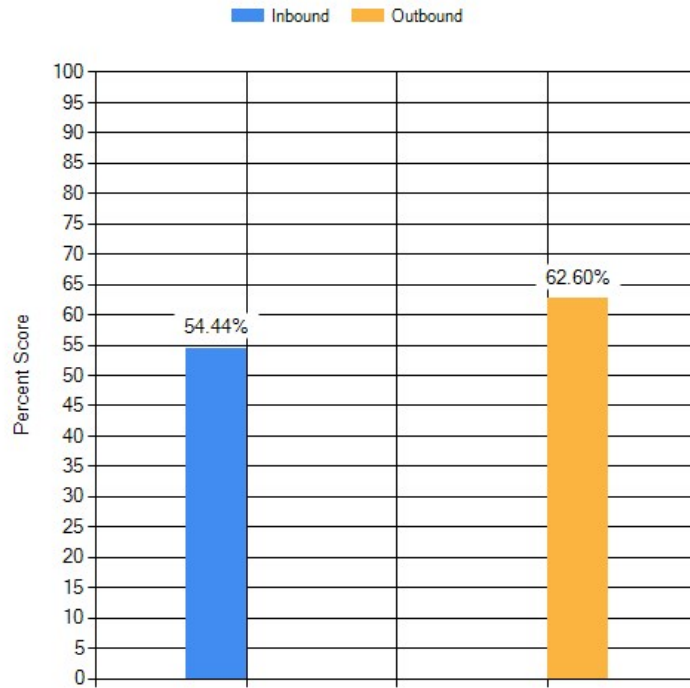
Frequency of Questions Offered on *Outbound Exams*

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
Assets and Liabilities	412	60.19%	108330	58.10%	57	51.35%	57.33%	62.07%	68.00%
Audits, Auditing, and Balance Sheets	642	70.40%	189174	58.15%	86	50.51%	56.25%	62.10%	69.57%
Capital Investments	202	61.39%	52118	56.74%	*64	48.84%	55.32%	61.70%	68.89%
Credits and Debits	195	63.59%	53119	59.72%	*63	52.17%	58.70%	64.10%	70.73%
Equity	110	64.55%	27633	50.98%	*86	41.46%	48.80%	56.41%	64.10%
Net Present Value	169	63.91%	57317	60.79%	*60	52.94%	59.57%	65.22%	72.92%
Summary	1730	65.14%	487691	58.00%	76	51.67%	56.33%	62.00%	68.00%

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

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

Business Ethics Score Comparison



14.99% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

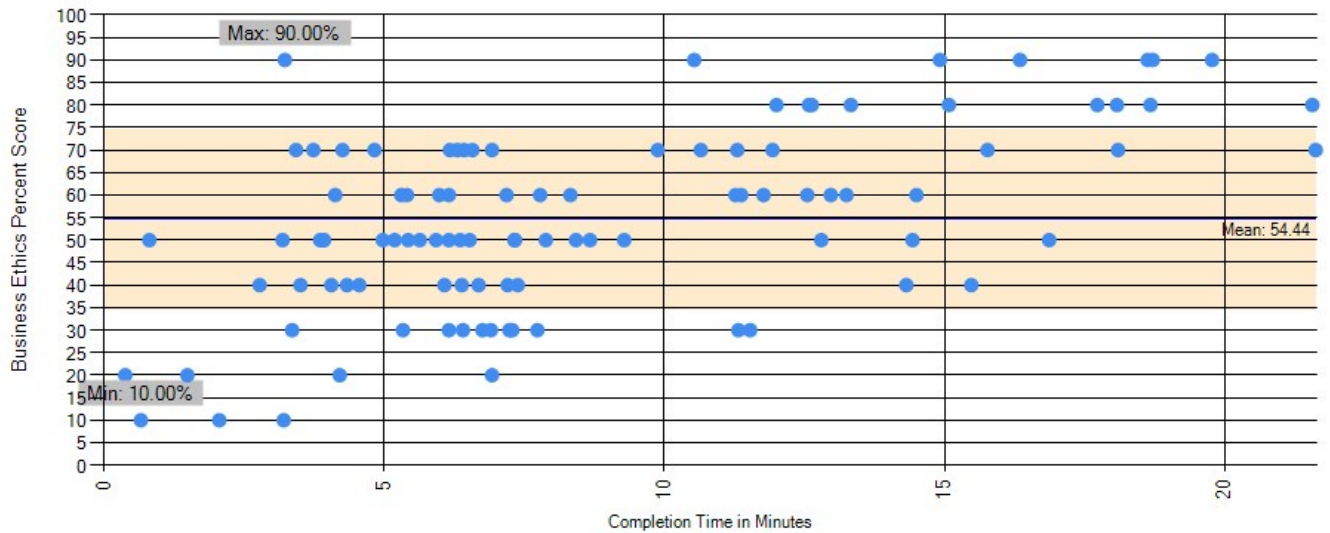
Mean Completion Time (mins): Inbound = 8.7, Outbound = 10.7

Business Ethics Assessment Summary

Assessment Summary Statistics

<u>Business Ethics</u>	<u>Inbound</u>	<u>Outbound</u>
Sample Size	99	173
Mean Score	54.44%	62.60%
Standard Deviation	20.01	21.61
Min Score	10%	10%
Max Score	90%	100%
Median Score	50%	60%
Mode	50%	70%

Inbound Exam **Business Ethics** Result



Sample Size: 99

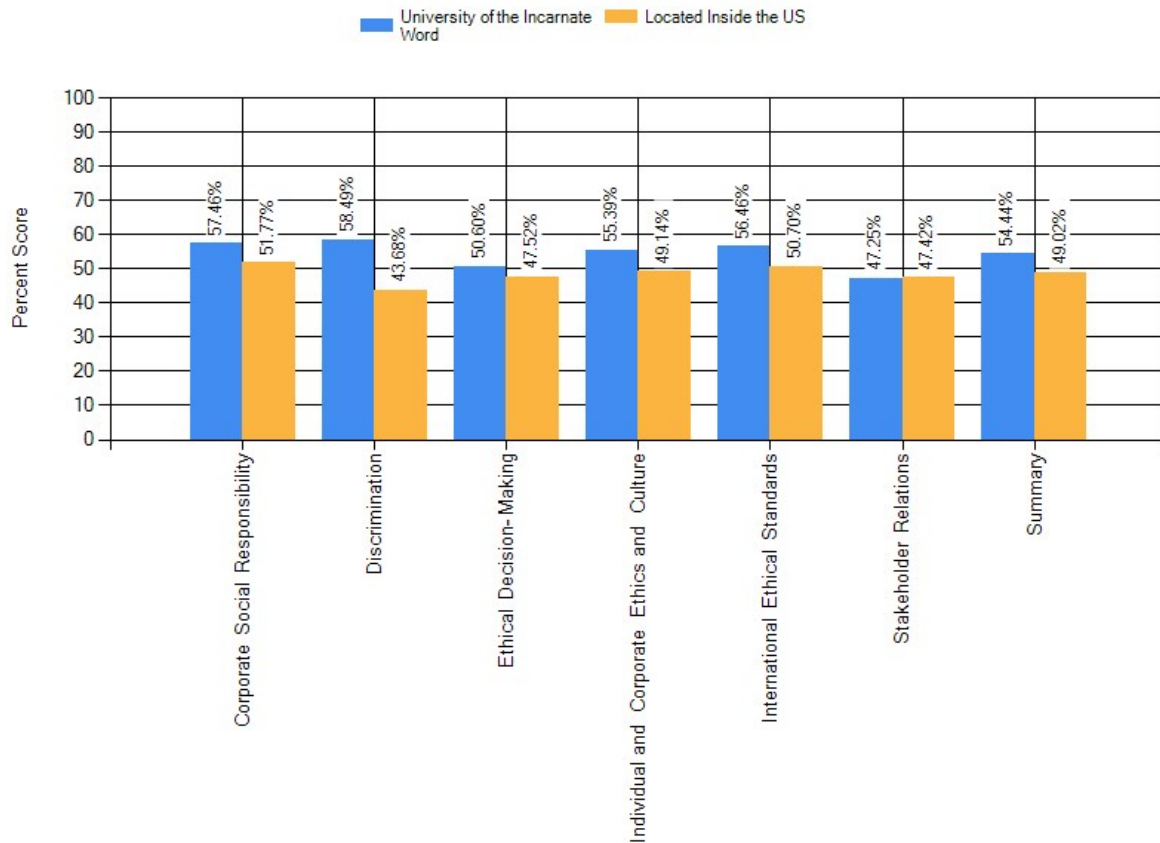
Mean Completion Time for this Topic (mins): Inbound = 8.75

Mean Score: 54.44%, Max Score: 90.00%, Min Score: 10.00%

Standard Deviation: 20.01

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

Business Ethics Subject Score Comparison *Inbound Exam*

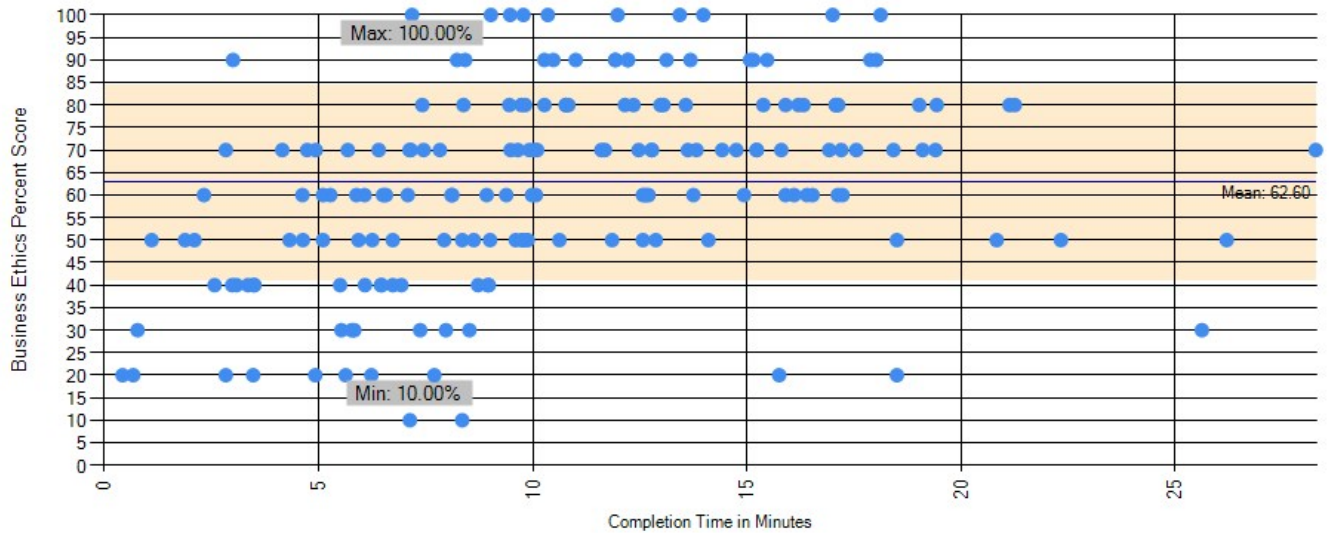


Frequency of Questions Offered on *Inbound Exams*

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
Corporate Social Responsibility	134	57.46%	43349	51.77%	*76	46.30%	50.85%	54.55%	60.38%
Discrimination	53	58.49%	14295	43.68%	*96	37.84%	43.24%	47.37%	52.53%
Ethical Decision-Making	166	50.60%	47913	47.52%	*65	42.00%	46.00%	50.00%	55.79%
Individual and Corporate Ethics and Culture	399	55.39%	124722	49.14%	84	44.99%	48.00%	51.37%	55.40%
International Ethical Standards	147	56.46%	46035	50.70%	*78	45.45%	49.22%	53.57%	59.02%
Stakeholder Relations	91	47.25%	28237	47.42%	*50	40.91%	46.00%	51.04%	56.52%
Summary	990	54.44%	304551	49.02%	86	45.66%	48.11%	50.33%	54.00%

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.
 * Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Outbound Exam **Business Ethics** Result



Sample Size: 173

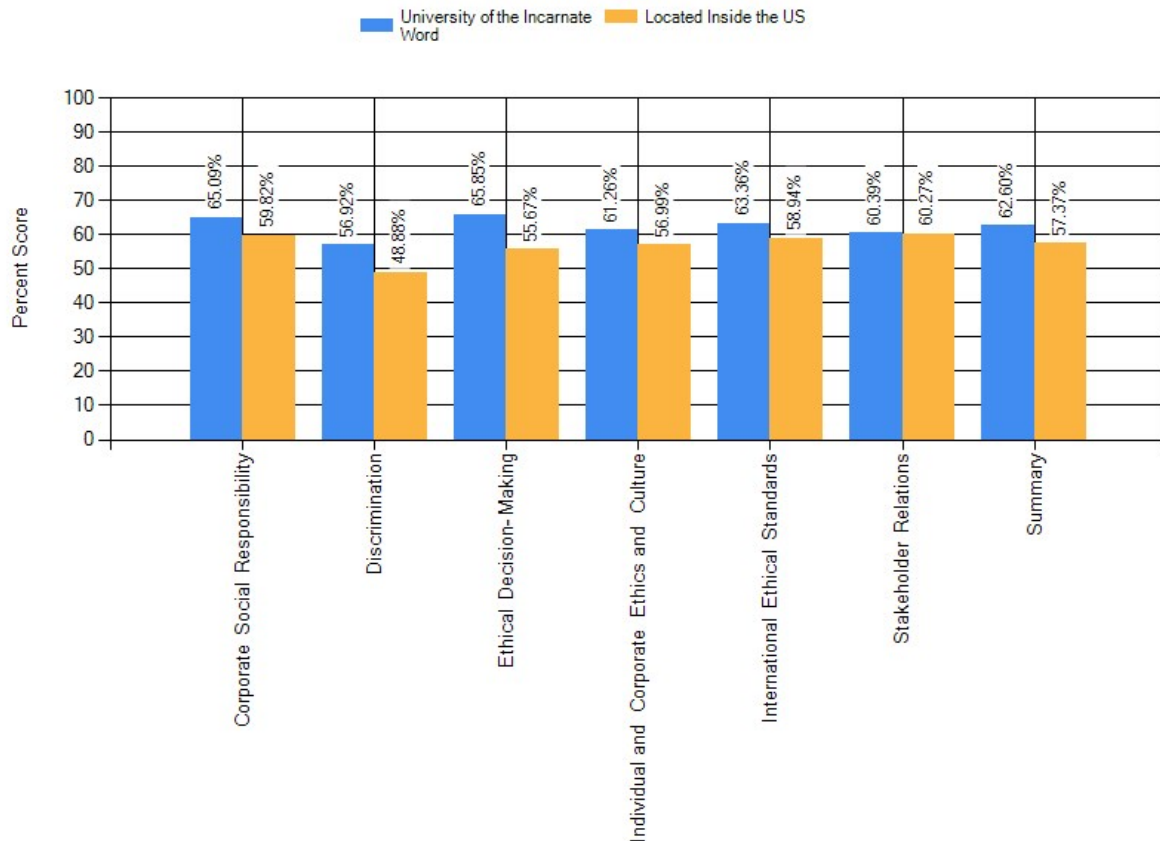
Mean Completion Time for this Topic (mins): Outbound = 10.68

Mean Score: 62.60%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 21.61

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

Business Ethics Subject Score Comparison *Outbound Exam*



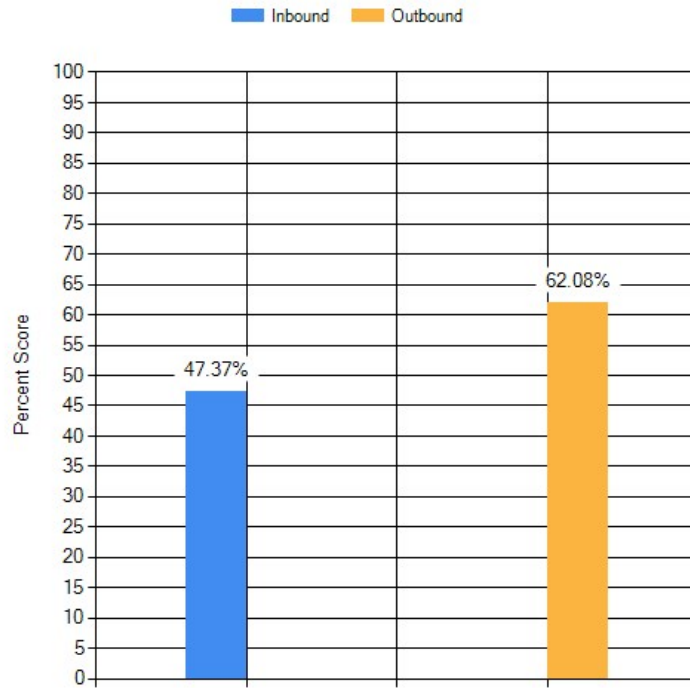
Frequency of Questions Offered on *Outbound Exams*

Business Ethics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Corporate Social Responsibility	232	65.09%	71096	59.82%	*71	53.45%	58.49%	63.46%	70.11%
Discrimination	65	56.92%	23223	48.88%	*79	42.11%	47.22%	52.78%	59.13%
Ethical Decision-Making	284	65.85%	78707	55.67%	*84	49.06%	54.10%	59.32%	66.07%
Individual and Corporate Ethics and Culture	733	61.26%	205168	56.99%	70	51.58%	55.91%	59.82%	64.96%
International Ethical Standards	262	63.36%	75649	58.94%	*69	53.22%	57.89%	62.21%	68.25%
Stakeholder Relations	154	60.39%	45428	60.27%	*48	52.27%	59.46%	65.79%	72.09%
Summary	1730	62.6%	499271	57.37%	76	52.35%	56.19%	60.00%	64.77%

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

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

Business Finance Score Comparison



31.05% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

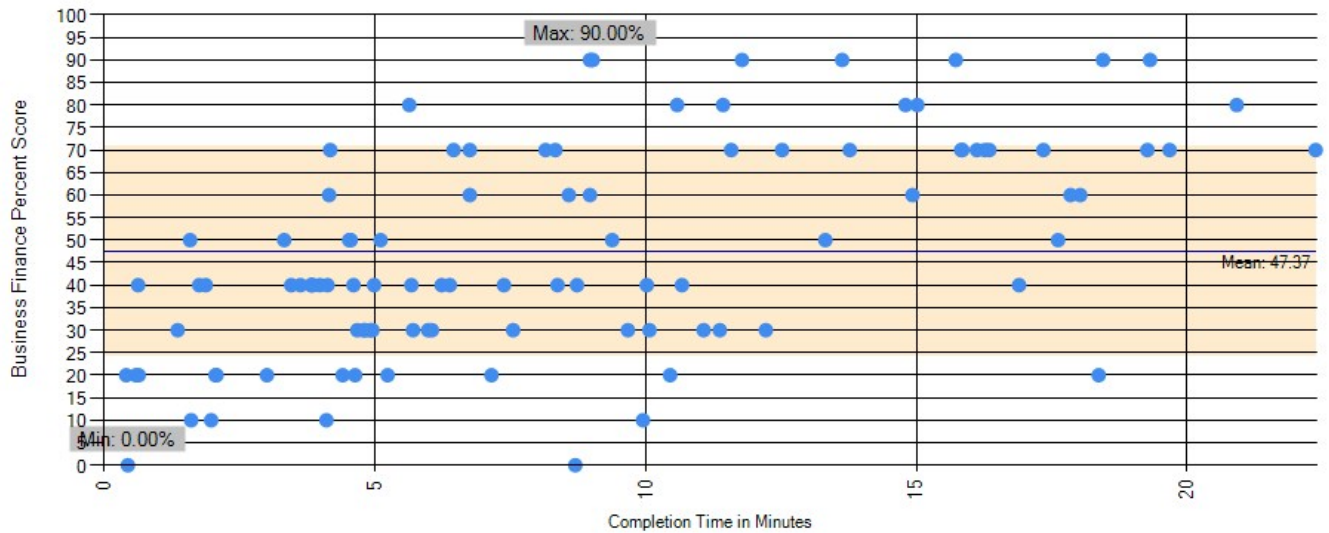
Mean Completion Time (mins): Inbound = 8.7, Outbound = 11.3

Business Finance Assessment Summary

Assessment Summary Statistics

Business Finance	Inbound	Outbound
Sample Size	99	173
Mean Score	47.37%	62.08%
Standard Deviation	23.41	25.43
Min Score	0%	0%
Max Score	90%	100%
Median Score	40%	70%
Mode	40%	70%

Inbound Exam **Business Finance** Result



Sample Size: 99

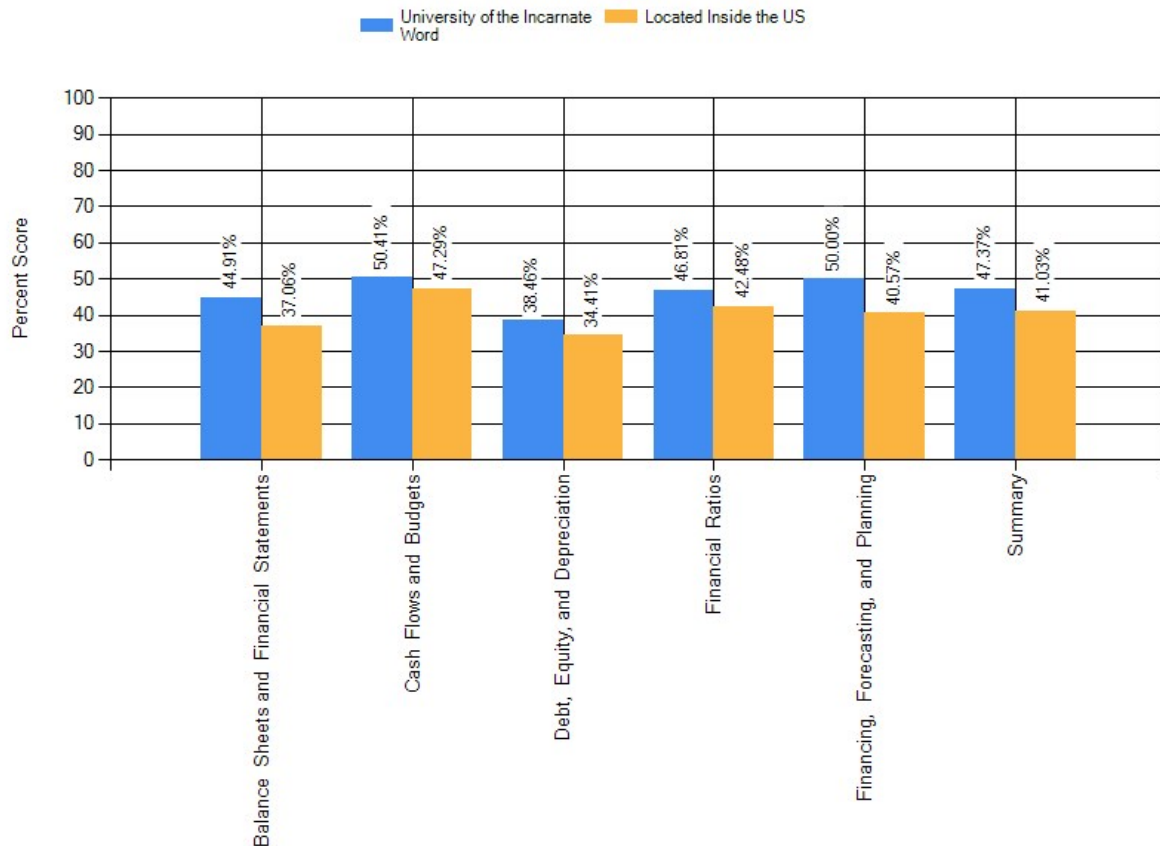
Mean Completion Time for this Topic (mins): Inbound = 8.65

Mean Score: 47.37%, Max Score: 90.00%, Min Score: 0.00%

Standard Deviation: 23.41

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

Business Finance Subject Score Comparison *Inbound Exam*

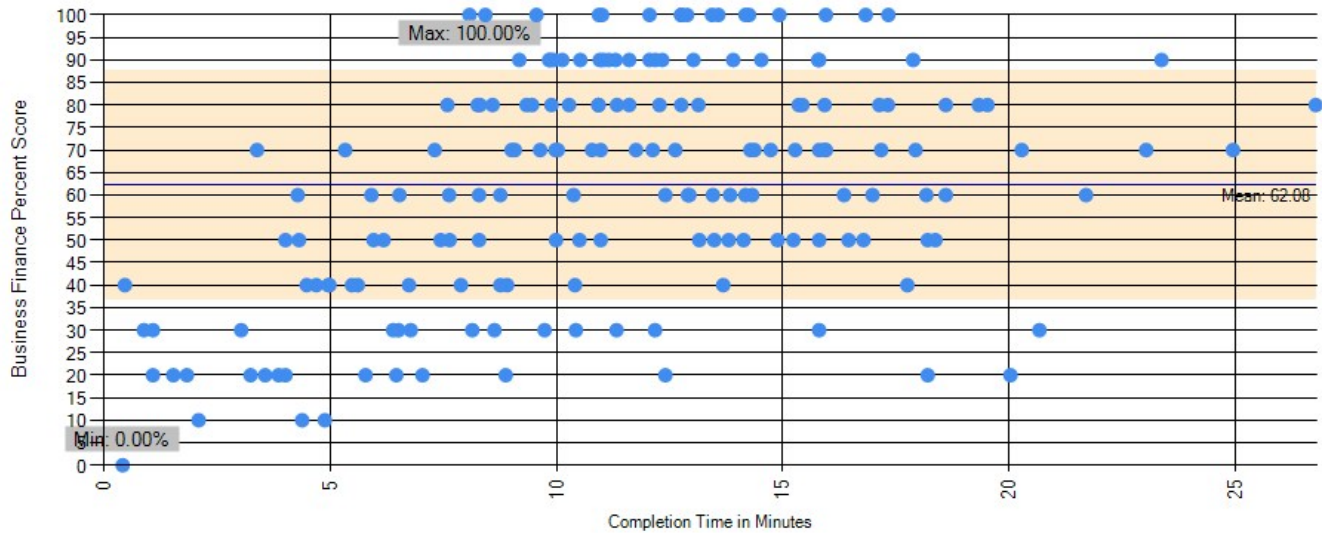


Frequency of Questions Offered on *Inbound Exams*

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
Balance Sheets and Financial Statements	167	44.91%	44088	37.06%	*82	30.74%	35.19%	39.41%	46.51%
Cash Flows and Budgets	121	50.41%	32361	47.29%	*66	41.51%	45.97%	50.00%	56.10%
Debt, Equity, and Depreciation	65	38.46%	19058	34.41%	*72	28.21%	33.33%	36.59%	42.86%
Financial Ratios	329	46.81%	99722	42.48%	75	37.63%	41.41%	45.00%	49.02%
Financing, Forecasting, and Planning	308	50.00%	90742	40.57%	90	35.80%	39.18%	42.35%	47.56%
Summary	990	47.37%	285971	41.03%	88	37.27%	39.67%	42.32%	45.89%

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: 173

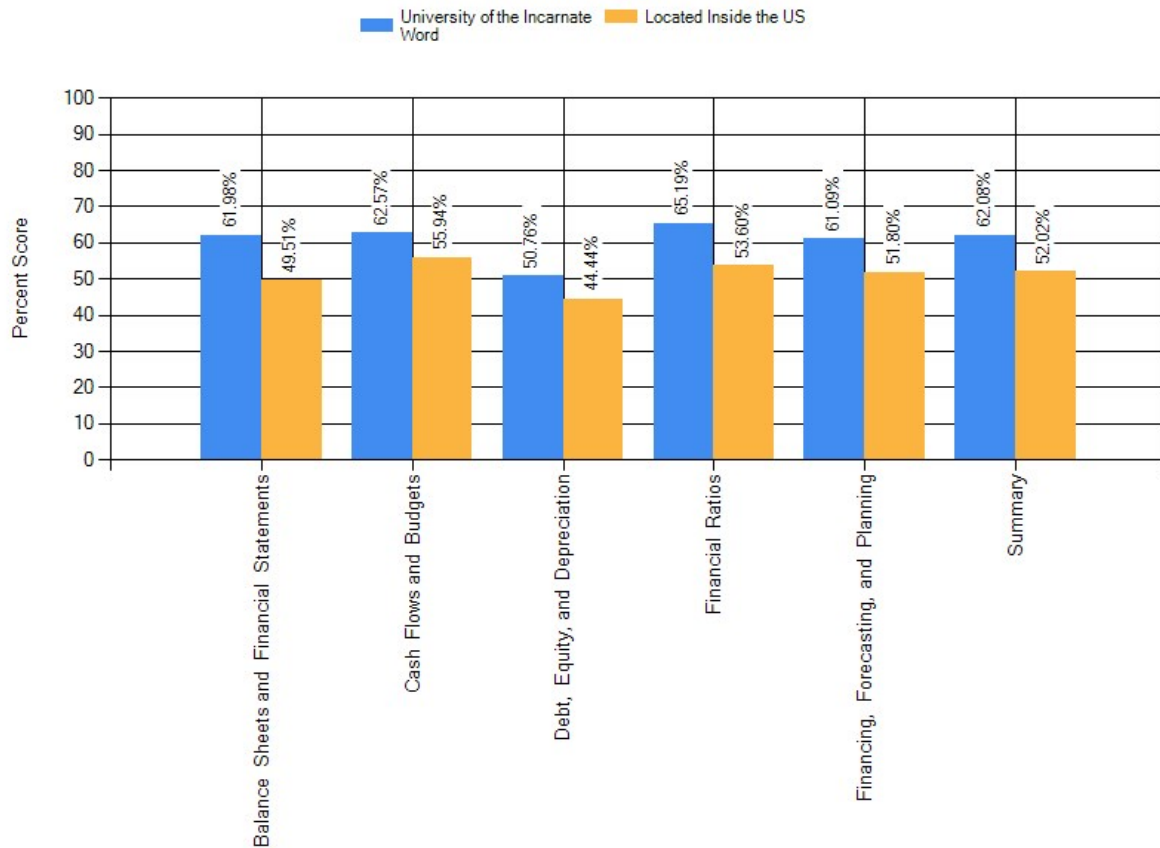
Mean Completion Time for this Topic (mins): Outbound = 11.30

Mean Score: 62.08%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 25.43

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

Business Finance Subject Score Comparison *Outbound Exam*



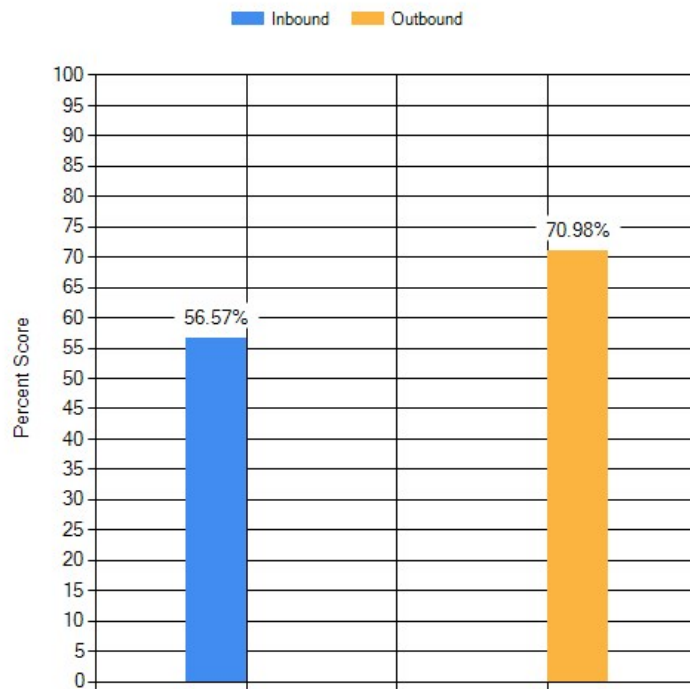
Frequency of Questions Offered on *Outbound Exams*

Business Finance	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Balance Sheets and Financial Statements	263	61.98%	72735	49.51%	*84	41.07%	47.18%	53.40%	62.00%
Cash Flows and Budgets	171	62.57%	53342	55.94%	*75	48.94%	54.72%	59.57%	66.67%
Debt, Equity, and Depreciation	132	50.76%	31571	44.44%	*70	36.61%	42.51%	48.72%	56.44%
Financial Ratios	632	65.19%	163420	53.60%	88	47.00%	52.25%	57.29%	63.73%
Financing, Forecasting, and Planning	532	61.09%	146824	51.80%	79	43.98%	50.00%	55.68%	63.44%
Summary	1730	62.08%	467892	52.02%	85	45.33%	50.37%	55.33%	61.52%

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

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

Business Integration and Strategic Management Score Comparison



25.47% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

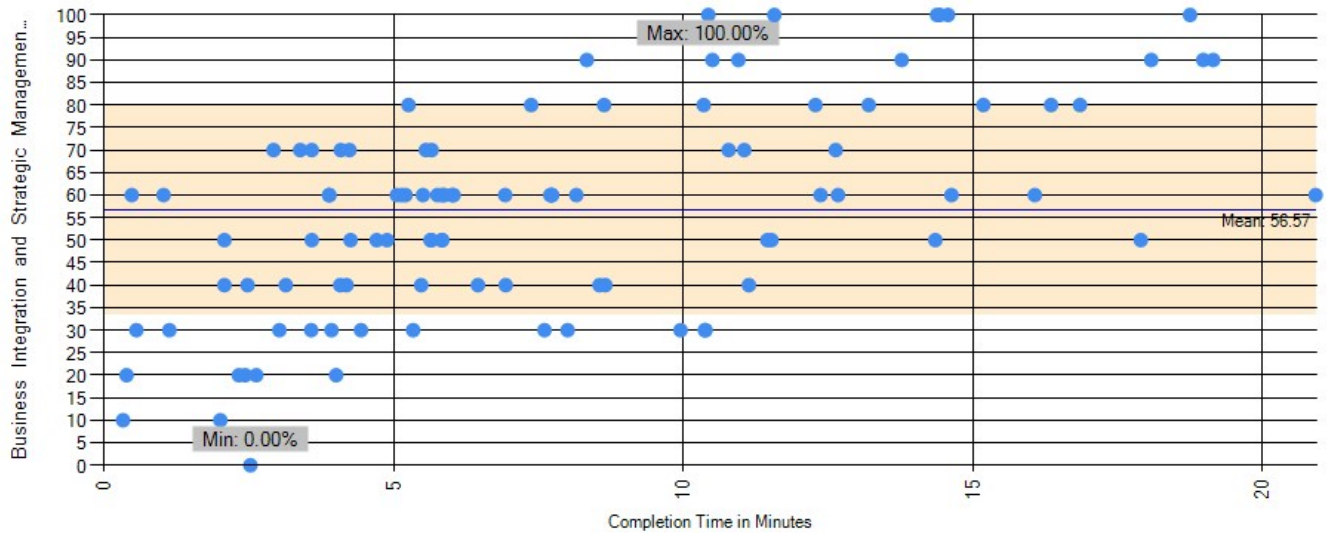
Mean Completion Time (mins): Inbound = 7.8, Outbound = 10

Business Integration and Strategic Management Assessment Summary

Assessment Summary Statistics

<u>Business Integration and Strategic Management</u>	<u>Inbound</u>	<u>Outbound</u>
Sample Size	99	173
Mean Score	56.57%	70.98%
Standard Deviation	23.13	22.27
Min Score	0%	10%
Max Score	100%	100%
Median Score	60%	70%
Mode	60%	90%

Inbound Exam Business Integration and Strategic Management Result



Sample Size: 99

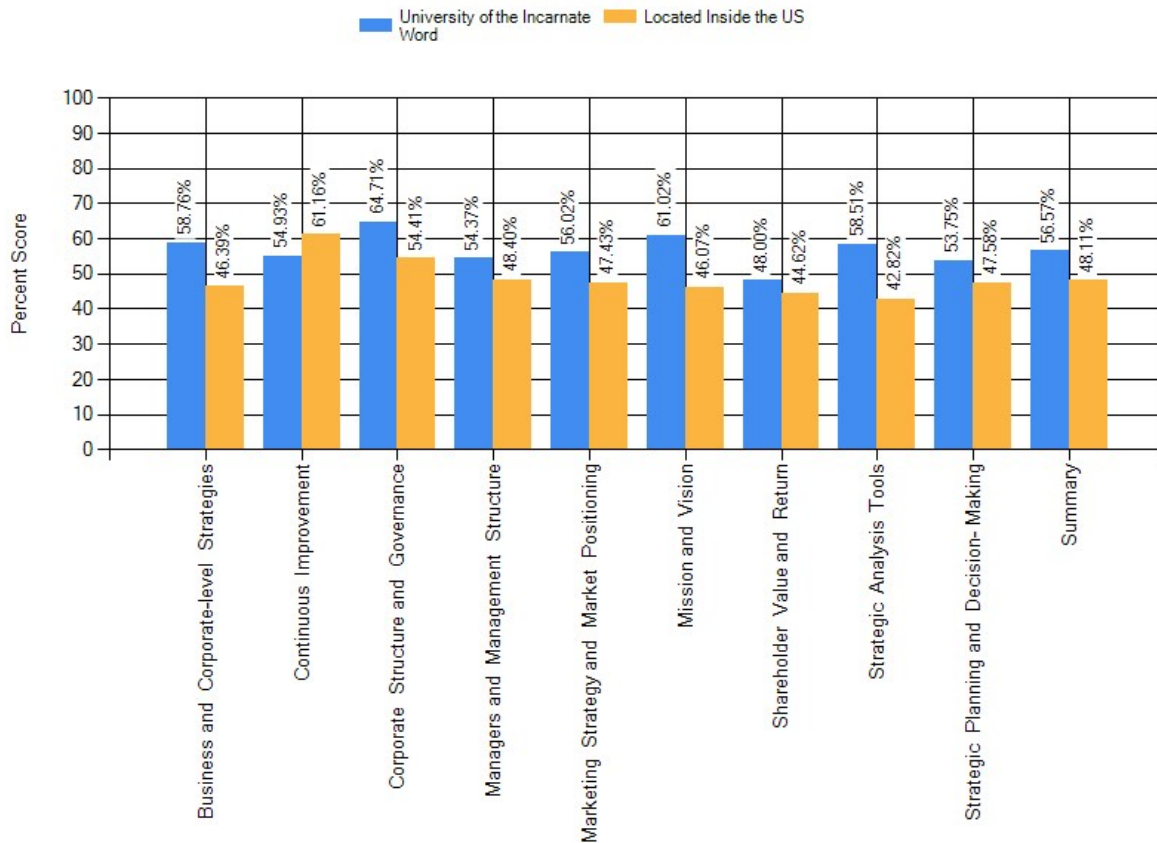
Mean Completion Time for this Topic (mins): Inbound = 7.82

Mean Score: 56.57%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 23.13

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

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



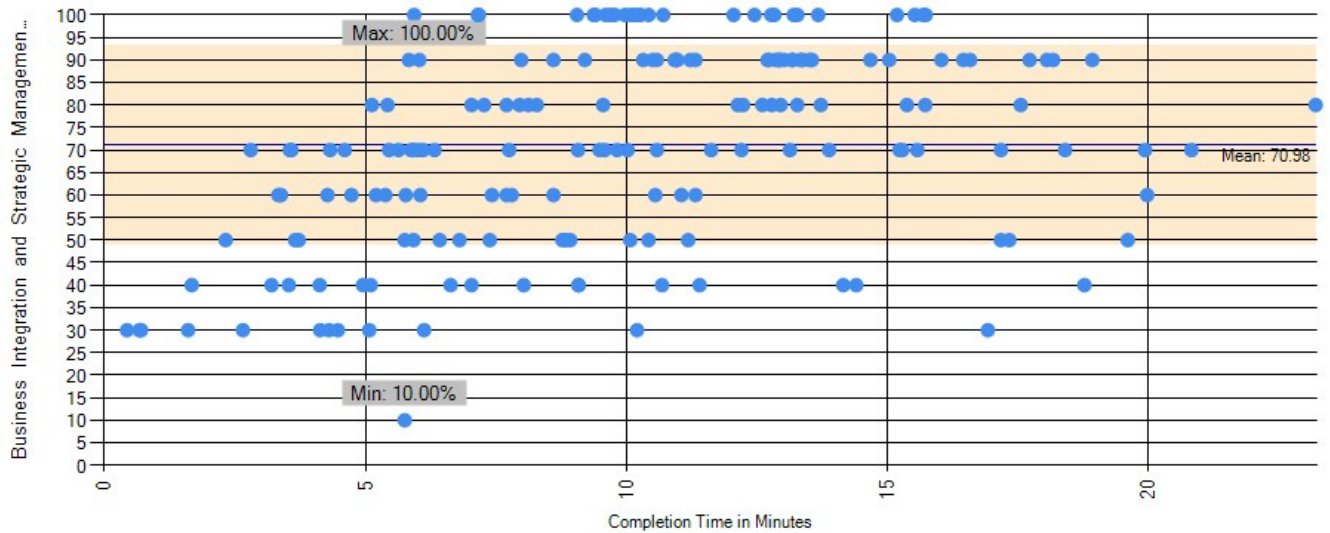
Frequency of Questions Offered on *Inbound Exams*

Business Integration and Strategic Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Business and Corporate-level Strategies	177	58.76%	58309	46.39%	*93	40.66%	45.07%	49.09%	54.79%
Continuous Improvement	71	54.93%	21315	61.16%	*24	55.26%	60.53%	65.00%	70.00%
Corporate Structure and Governance	85	64.71%	25642	54.41%	*87	48.65%	52.48%	57.89%	63.83%
Managers and Management Structure	103	54.37%	27777	48.40%	*72	42.14%	46.67%	52.27%	57.89%
Marketing Strategy and Market Positioning	166	56.02%	46517	47.43%	*83	41.21%	45.90%	50.00%	56.88%
Mission and Vision	59	61.02%	19079	46.07%	*94	40.00%	44.44%	48.84%	55.56%
Shareholder Value and Return	75	48.00%	23290	44.62%	*63	37.84%	43.24%	48.58%	53.73%
Strategic Analysis Tools	94	58.51%	30993	42.82%	*93	36.17%	41.18%	45.45%	51.66%
Strategic Planning and Decision-Making	160	53.75%	50270	47.58%	*77	41.51%	46.02%	50.83%	56.36%
Summary	990	56.57%	303192	48.11%	91	44.07%	46.82%	49.66%	53.53%

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: 173

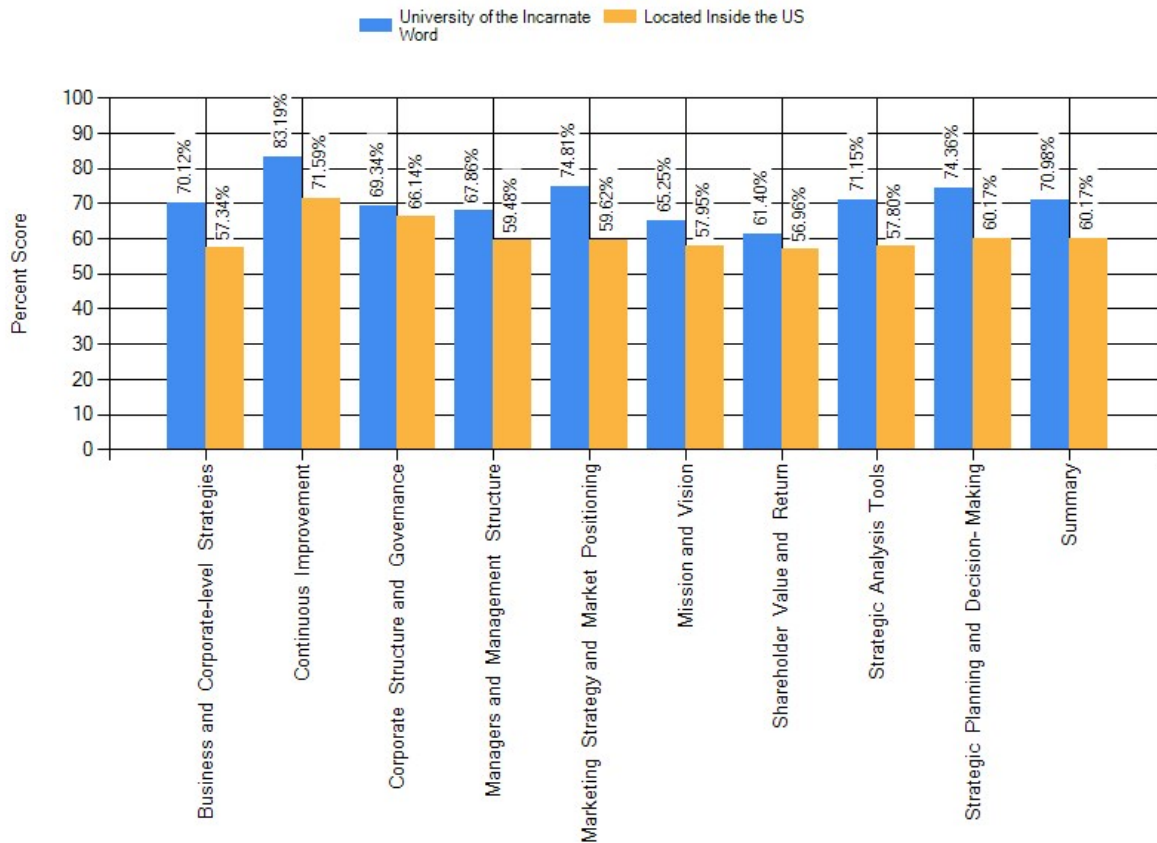
Mean Completion Time for this Topic (mins): Outbound = 10.02

Mean Score: 70.98%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 22.27

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

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



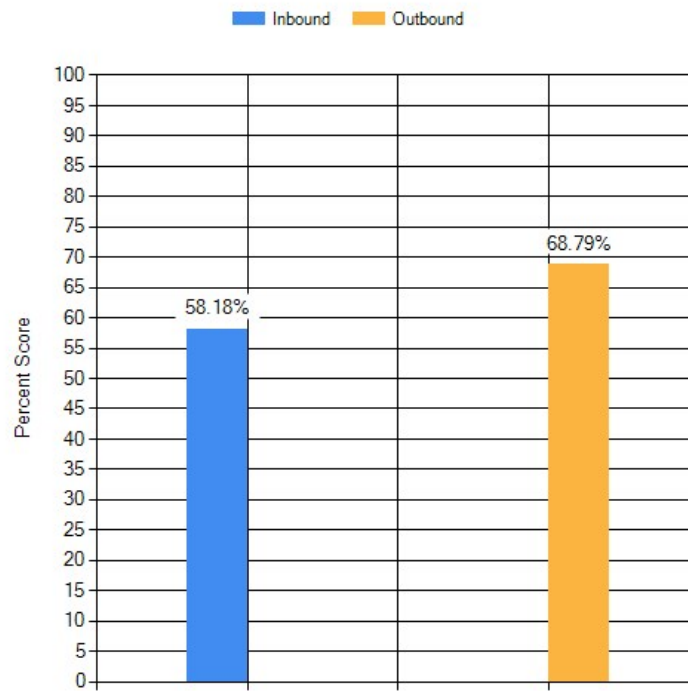
Frequency of Questions Offered on *Outbound Exams*

Business Integration and Strategic Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Business and Corporate-level Strategies	328	70.12%	98552	57.34%	88	50.00%	55.74%	61.29%	68.57%
Continuous Improvement	113	83.19%	35924	71.59%	*89	65.17%	71.05%	75.68%	81.08%
Corporate Structure and Governance	137	69.34%	43195	66.14%	*61	58.54%	65.19%	70.45%	77.78%
Managers and Management Structure	168	67.86%	47128	59.48%	*76	52.08%	57.96%	63.64%	71.05%
Marketing Strategy and Market Positioning	266	74.81%	79160	59.62%	*89	51.09%	58.00%	64.29%	72.13%
Mission and Vision	118	65.25%	32276	57.95%	*76	51.22%	57.14%	62.16%	69.15%
Shareholder Value and Return	171	61.40%	39908	56.96%	*62	48.84%	55.26%	61.91%	69.23%
Strategic Analysis Tools	156	71.15%	52443	57.80%	*85	48.96%	55.81%	62.79%	70.83%
Strategic Planning and Decision-Making	273	74.36%	84659	60.17%	*90	52.83%	58.62%	64.74%	71.43%
Summary	1730	70.98%	513245	60.17%	88	53.72%	58.92%	63.75%	69.67%

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

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

Business Leadership Score Comparison



18.24% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

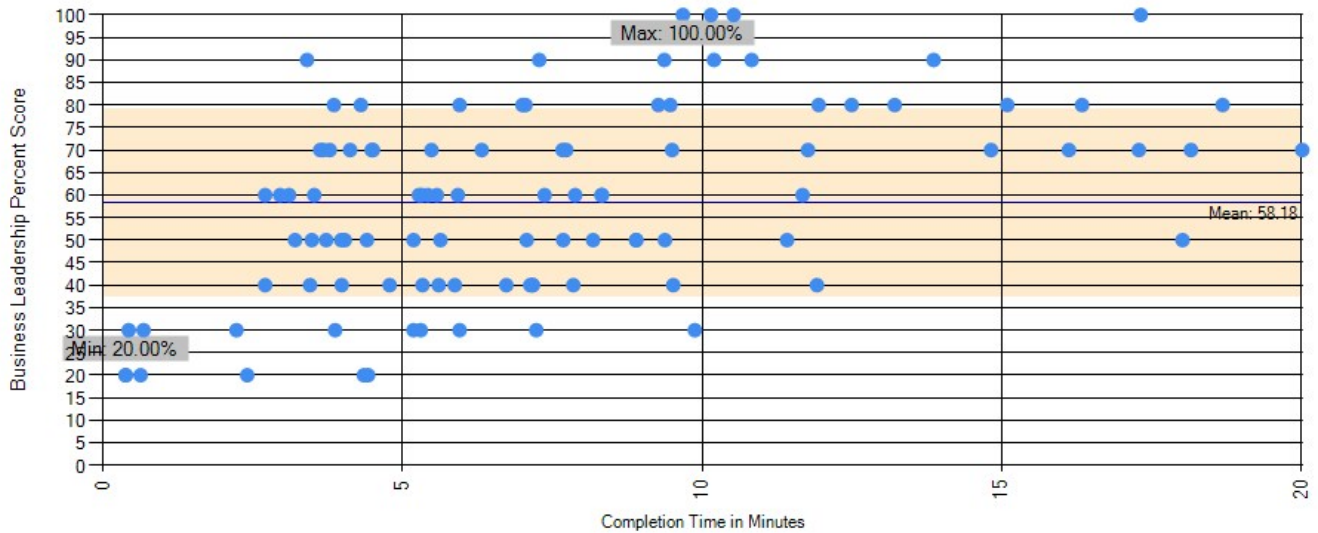
Mean Completion Time (mins): Inbound = 7.4, Outbound = 10

Business Leadership Assessment Summary

Assessment Summary Statistics

<u>Business Leadership</u>	<u>Inbound</u>	<u>Outbound</u>
Sample Size	99	173
Mean Score	58.18%	68.79%
Standard Deviation	21.01	20.38
Min Score	20%	10%
Max Score	100%	100%
Median Score	60%	70%
Mode	70%	70%

Inbound Exam Business Leadership Result



Sample Size: 99

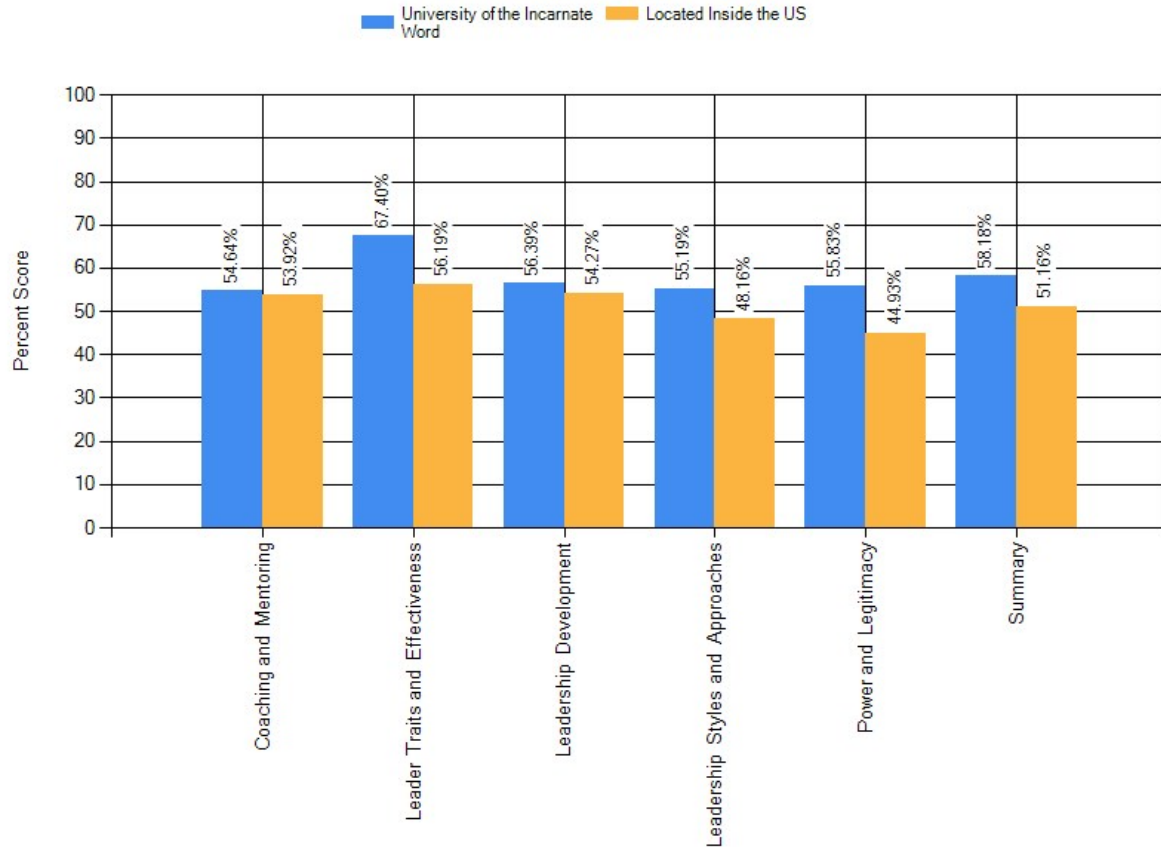
Mean Completion Time for this Topic (mins): Inbound = 7.43

Mean Score: 58.18%, Max Score: 100.00%, Min Score: 20.00%

Standard Deviation: 21.01

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

Business Leadership Subject Score Comparison *Inbound Exam*

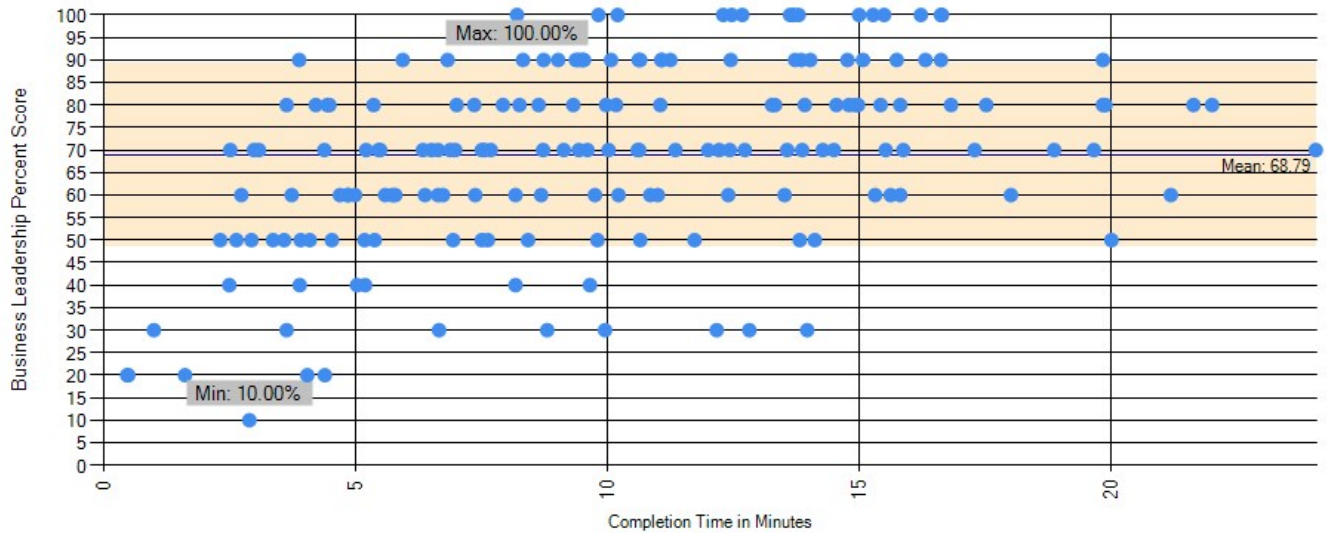


Frequency of Questions Offered on *Inbound Exams*

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
Coaching and Mentoring	183	54.64%	51559	53.92%	*54	48.89%	52.86%	56.35%	61.71%
Leader Traits and Effectiveness	227	67.40%	55551	56.19%	*93	51.57%	55.05%	58.33%	63.49%
Leadership Development	133	56.39%	34806	54.27%	*62	48.84%	53.06%	57.14%	63.46%
Leadership Styles and Approaches	241	55.19%	62773	48.16%	*85	44.00%	47.00%	50.63%	54.91%
Power and Legitimacy	206	55.83%	54455	44.93%	*92	40.30%	43.84%	47.16%	51.89%
Summary	990	58.18%	259144	51.16%	92	48.00%	50.33%	52.50%	55.41%

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: 173

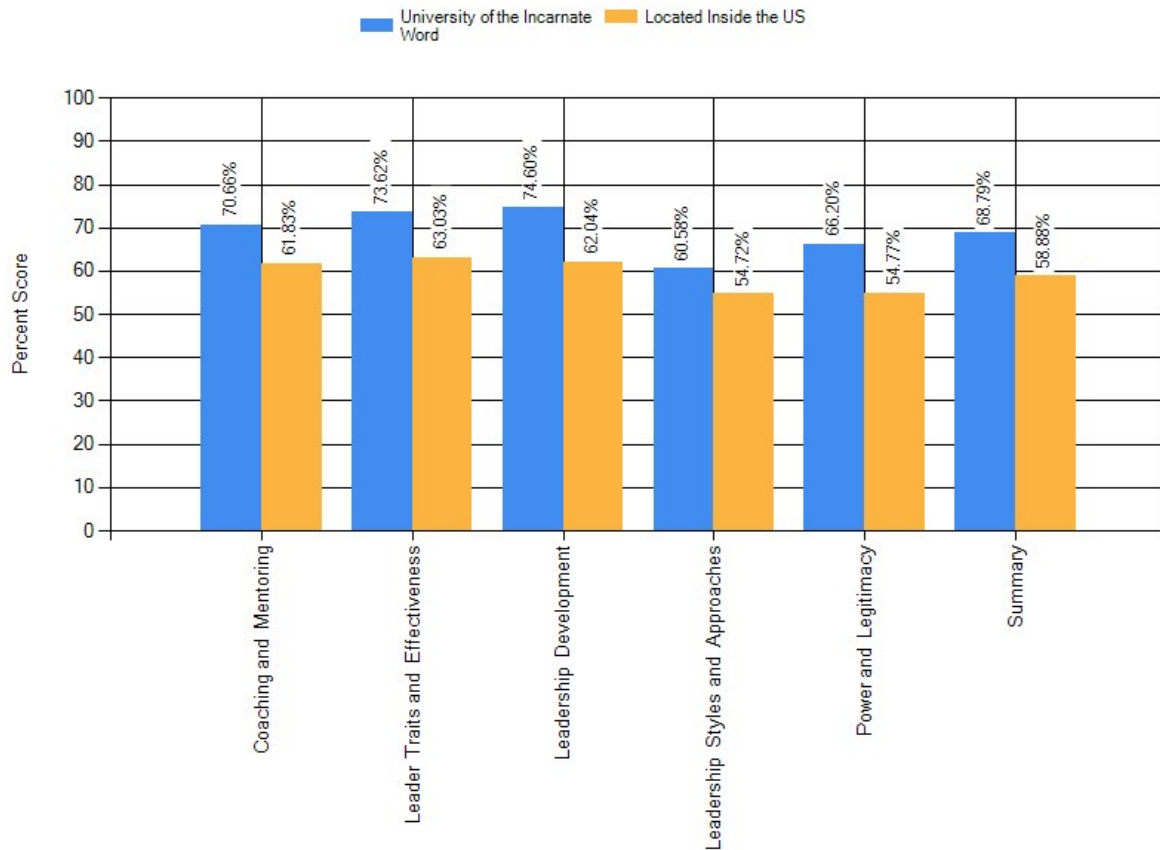
Mean Completion Time for this Topic (mins): Outbound = 10.05

Mean Score: 68.79%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 20.38

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

Business Leadership Subject Score Comparison *Outbound Exam*



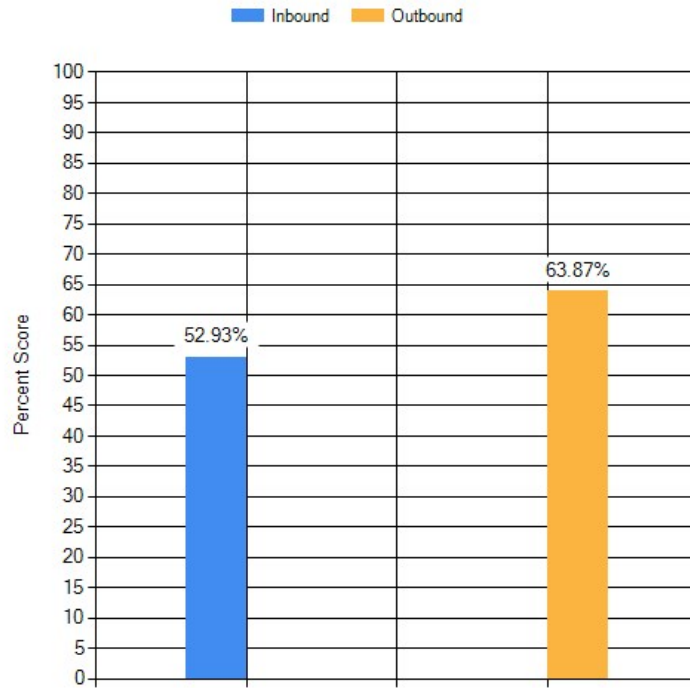
Frequency of Questions Offered on *Outbound Exams*

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
Coaching and Mentoring	351	70.66%	74598	61.83%	85	55.88%	60.34%	65.28%	70.59%
Leader Traits and Effectiveness	398	73.62%	81132	63.03%	88	57.14%	61.54%	65.82%	72.46%
Leadership Development	248	74.60%	50191	62.04%	*90	55.67%	60.71%	65.52%	72.20%
Leadership Styles and Approaches	378	60.58%	91513	54.72%	77	49.38%	53.42%	57.50%	62.83%
Power and Legitimacy	355	66.20%	77345	54.77%	86	47.89%	53.03%	58.02%	65.28%
Summary	1730	68.79%	374779	58.88%	90	54.00%	57.33%	61.00%	66.33%

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

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

Economics Score Comparison



20.67% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

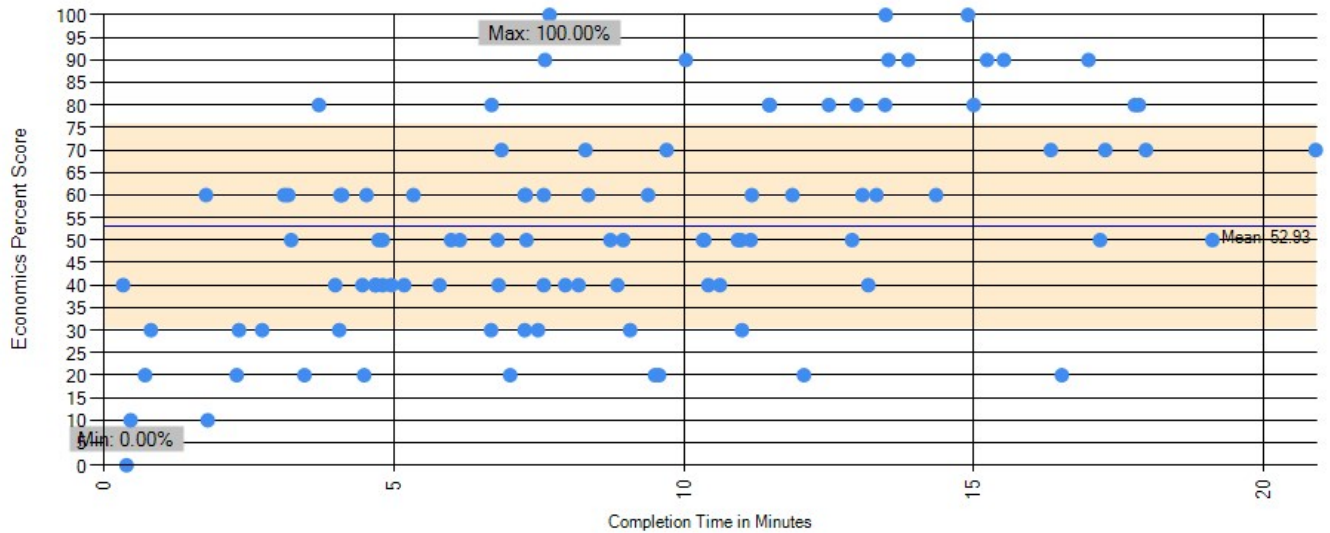
Mean Completion Time (mins): Inbound = 8.8, Outbound = 10.9

Economics Assessment Summary

Assessment Summary Statistics

<u>Economics</u>	<u>Inbound</u>	<u>Outbound</u>
Sample Size	99	173
Mean Score	52.93%	63.87%
Standard Deviation	22.69	24.95
Min Score	0%	0%
Max Score	100%	100%
Median Score	50%	70%
Mode	60%	80%

Inbound Exam **Economics** Result



Sample Size: 99

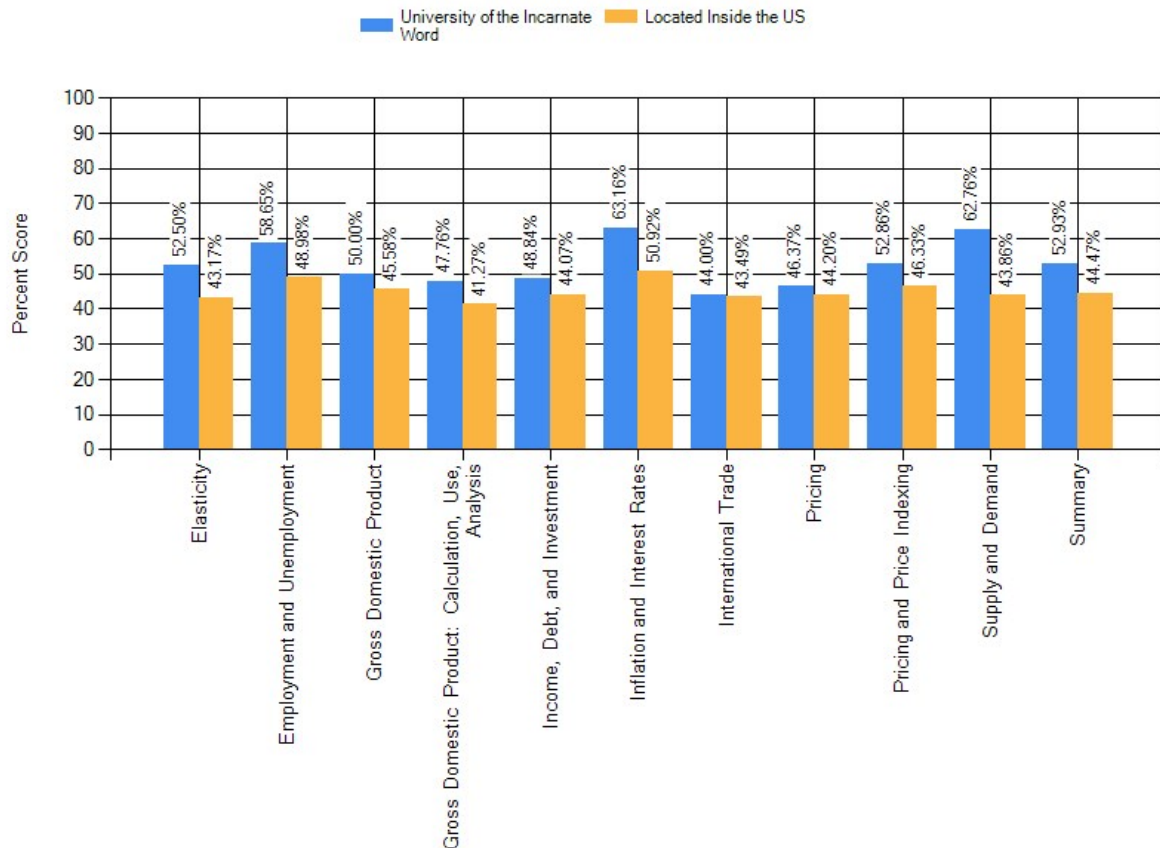
Mean Completion Time for this Topic (mins): Inbound = 8.78

Mean Score: 52.93%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 22.69

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

Economics Subject Score Comparison *Inbound Exam*



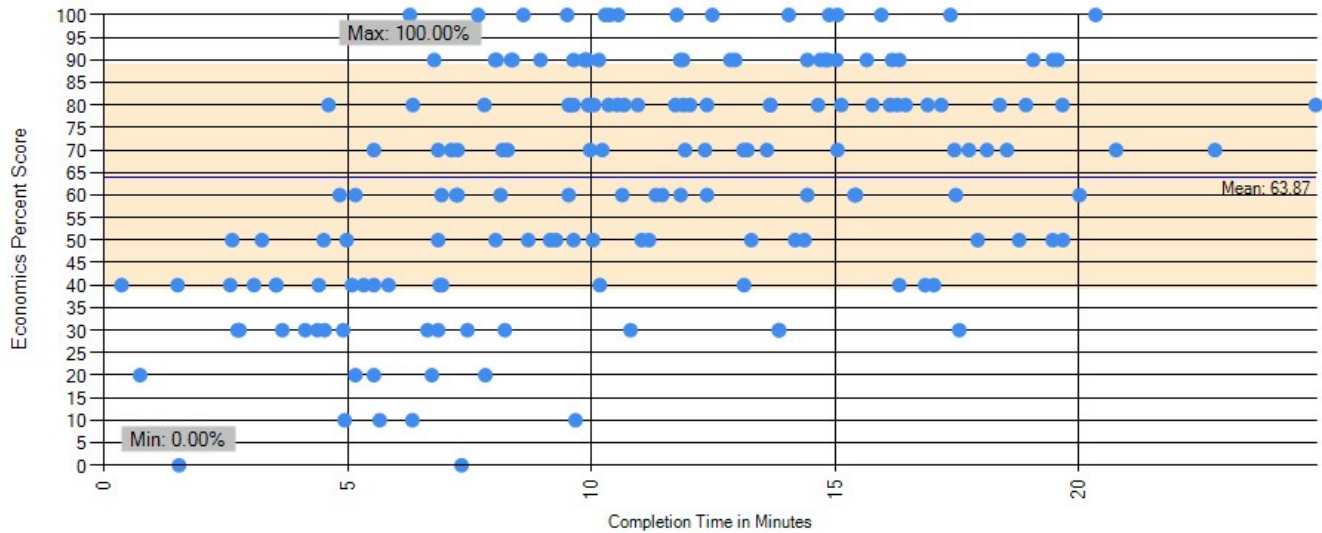
Frequency of Questions Offered on *Inbound Exams*

Economics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Elasticity	120	52.50%	25668	43.17%	*86	36.96%	41.67%	46.34%	52.27%
Employment and Unemployment	104	58.65%	26668	48.98%	*86	42.86%	47.85%	52.27%	57.96%
Gross Domestic Product	14	50.00%	726	45.58%	*73	36.67%	41.17%	49.92%	60.99%
Gross Domestic Product: Calculation, Use, Analysis	134	47.76%	33786	41.27%	*79	35.19%	39.64%	43.89%	50.00%
Income, Debt, and Investment	129	48.84%	27177	44.07%	*72	37.78%	42.55%	46.81%	53.49%
Inflation and Interest Rates	19	63.16%	6432	50.92%	*86	42.86%	48.57%	55.56%	61.90%
International Trade	25	44.00%	6466	43.49%	*54	36.36%	41.94%	46.90%	54.52%
Pricing	179	46.37%	44331	44.20%	*62	38.81%	43.08%	46.77%	52.38%
Pricing and Price Indexing	70	52.86%	17129	46.33%	*74	39.53%	44.05%	50.00%	55.56%
Supply and Demand	196	62.76%	44228	43.86%	*96	37.74%	42.11%	46.55%	52.36%
Summary	990	52.93%	232611	44.47%	91	40.19%	43.26%	46.00%	50.00%

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

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

Outbound Exam **Economics** Result



Sample Size: 173

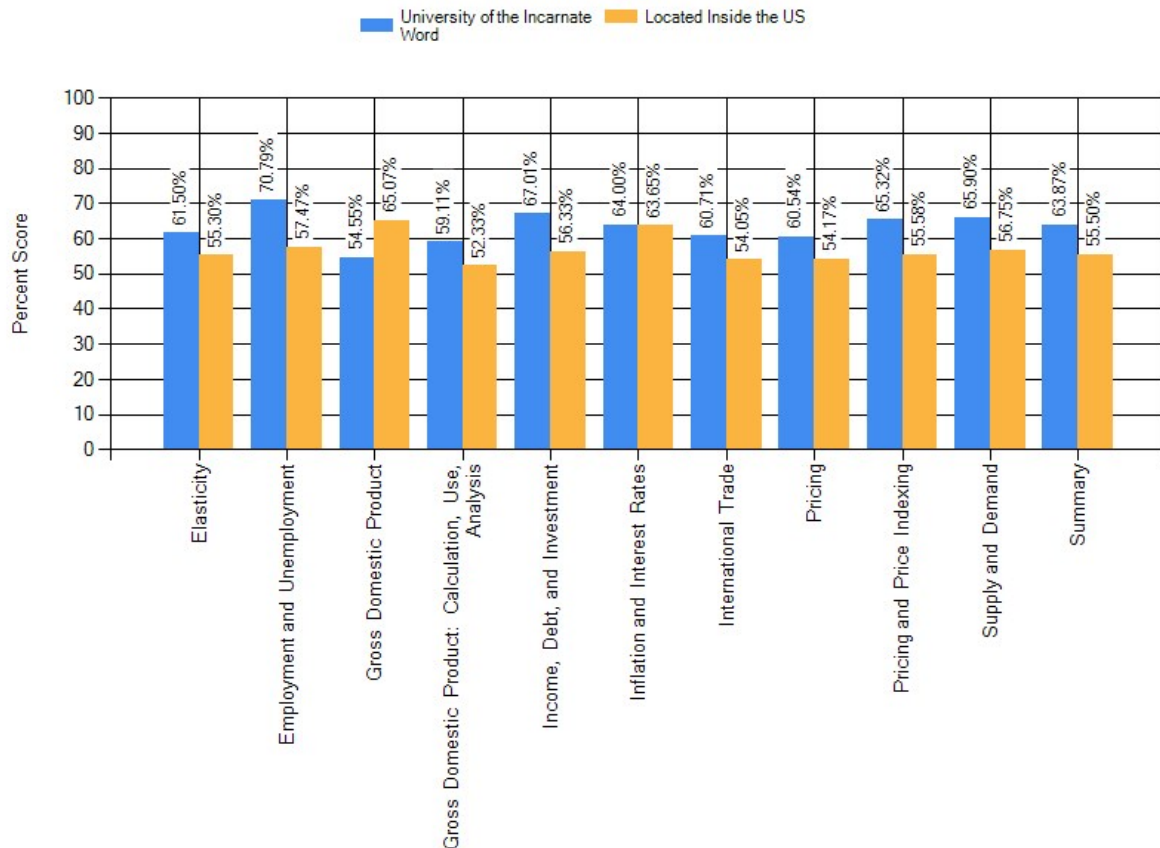
Mean Completion Time for this Topic (mins): Outbound = 10.88

Mean Score: 63.87%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 24.95

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

Economics Subject Score Comparison *Outbound Exam*



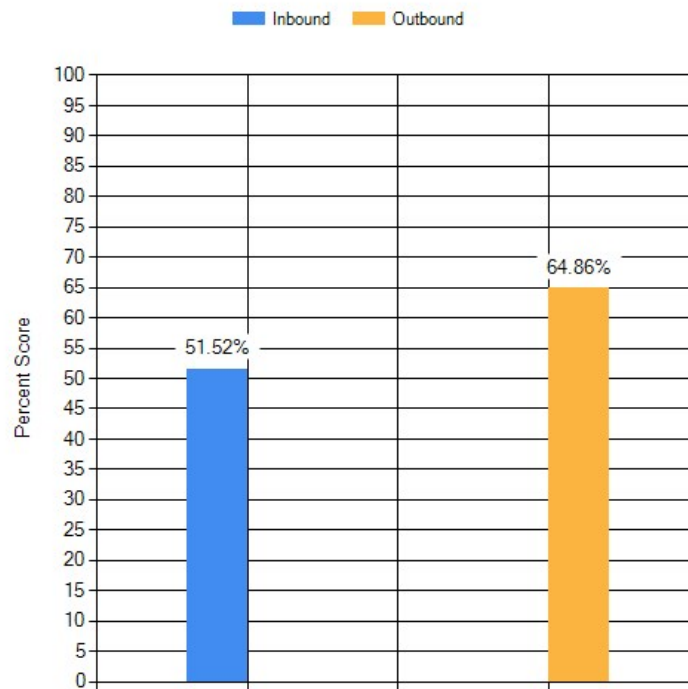
Frequency of Questions Offered on *Outbound Exams*

Economics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Elasticity	187	61.50%	48741	55.30%	*68	47.78%	53.66%	60.00%	67.44%
Employment and Unemployment	202	70.79%	47927	57.47%	*90	50.00%	56.00%	61.70%	68.75%
Gross Domestic Product	11	54.55%	1365	65.07%	*20	56.67%	64.28%	72.75%	80.00%
Gross Domestic Product: Calculation, Use, Analysis	225	59.11%	61532	52.33%	*70	44.23%	50.91%	56.86%	64.15%
Income, Debt, and Investment	197	67.01%	49118	56.33%	*81	48.00%	55.10%	60.98%	68.75%
Inflation and Interest Rates	50	64.00%	11560	63.65%	*51	55.56%	61.57%	68.89%	75.76%
International Trade	56	60.71%	11373	54.05%	*73	45.45%	51.61%	58.99%	66.67%
Pricing	332	60.54%	84098	54.17%	72	46.77%	52.63%	58.33%	65.37%
Pricing and Price Indexing	124	65.32%	30872	55.58%	*82	47.62%	54.55%	60.00%	66.67%
Supply and Demand	346	65.90%	83538	56.75%	76	49.15%	55.74%	61.54%	68.54%
Summary	1730	63.87%	430124	55.50%	81	49.16%	54.05%	59.33%	65.10%

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.

Economics: Macroeconomics Score Comparison



25.89% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

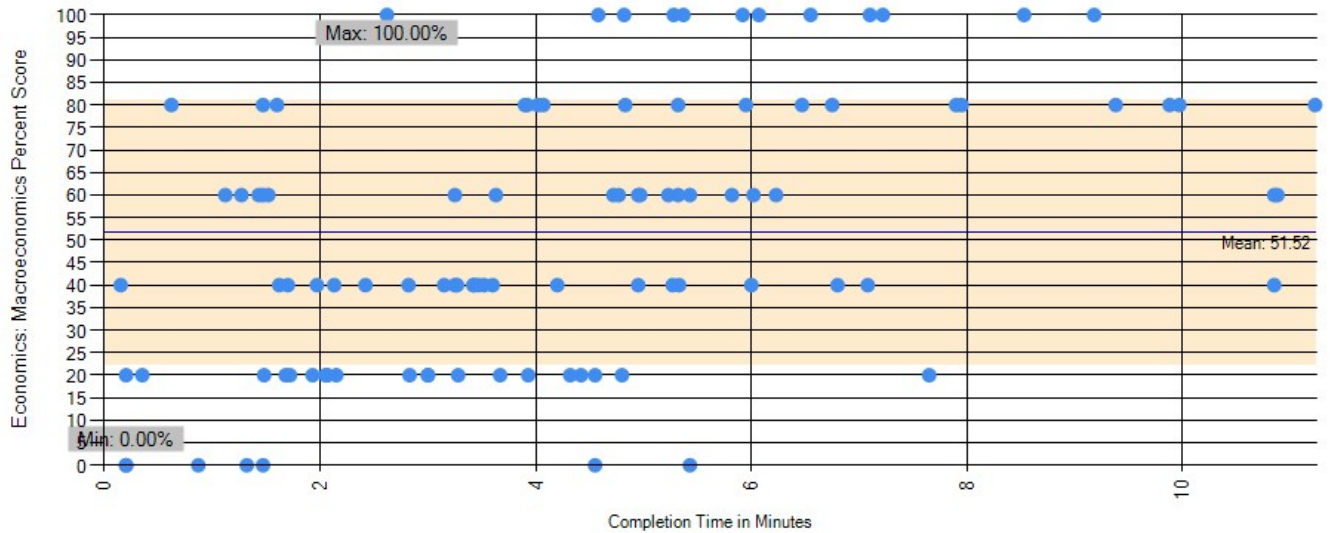
Mean Completion Time (mins): Inbound = 4.4, Outbound = 5.5

Economics: Macroeconomics Assessment Summary

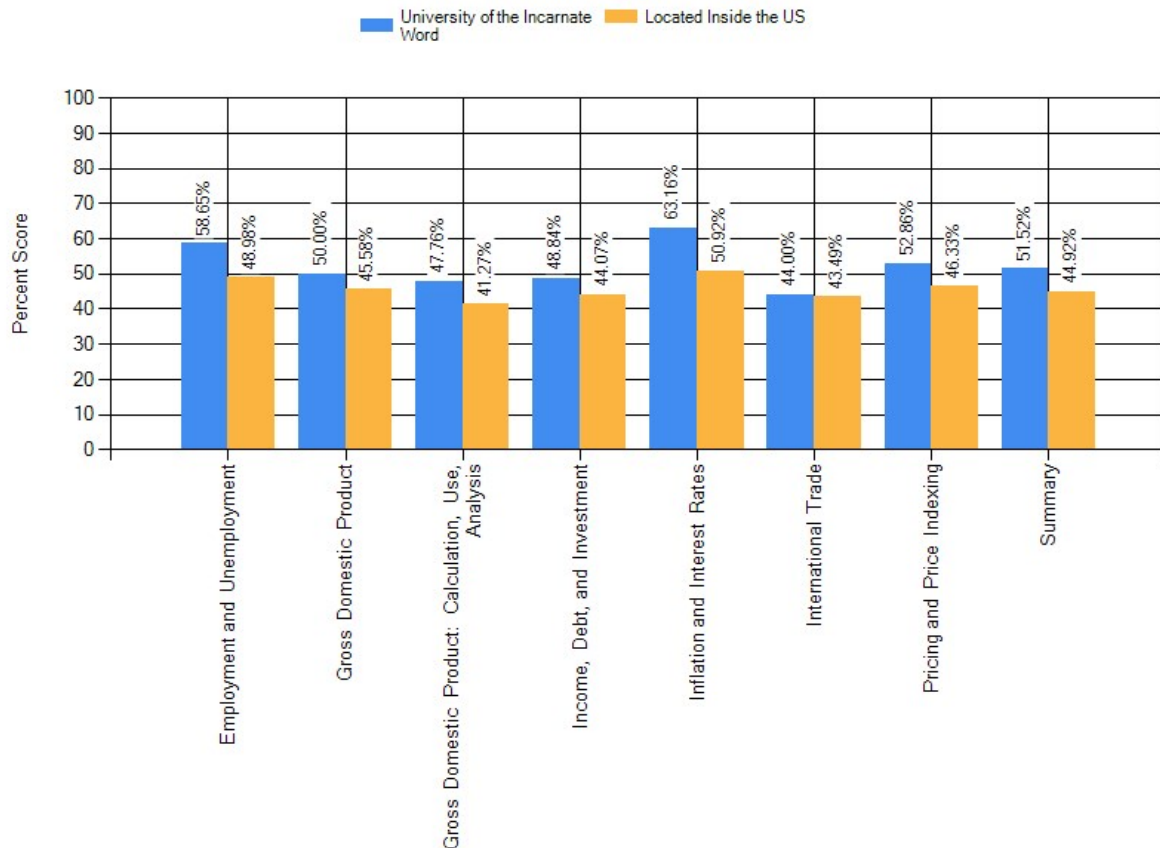
Assessment Summary Statistics

<u>Economics: Macroeconomics</u>	<u>Inbound</u>	<u>Outbound</u>
Sample Size	99	173
Mean Score	51.52%	64.86%
Standard Deviation	29.57	28.52
Min Score	0%	0%
Max Score	100%	100%
Median Score	40%	60%
Mode	40%	100%

Inbound Exam **Economics: Macroeconomics** Result



Economics: Macroeconomics Subject Score Comparison *Inbound Exam*



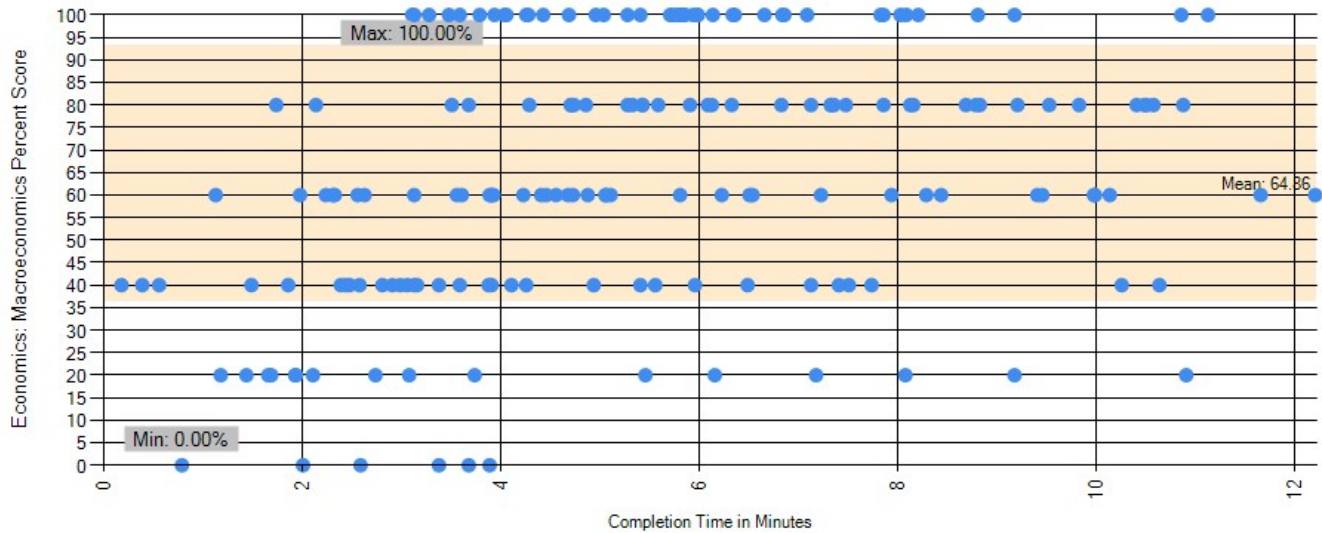
Frequency of Questions Offered on *Inbound Exams*

Economics: Macroeconomics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Employment and Unemployment	104	58.65%	26668	48.98%	*86	42.86%	47.85%	52.27%	57.96%
Gross Domestic Product	14	50.00%	726	45.58%	*73	36.67%	41.17%	49.92%	60.99%
Gross Domestic Product: Calculation, Use, Analysis	134	47.76%	33786	41.27%	*79	35.19%	39.64%	43.89%	50.00%
Income, Debt, and Investment	129	48.84%	27177	44.07%	*72	37.78%	42.55%	46.81%	53.49%
Inflation and Interest Rates	19	63.16%	6432	50.92%	*86	42.86%	48.57%	55.56%	61.90%
International Trade	25	44.00%	6466	43.49%	*54	36.36%	41.94%	46.90%	54.52%
Pricing and Price Indexing	70	52.86%	17129	46.33%	*74	39.53%	44.05%	50.00%	55.56%
Summary	495	51.52%	118384	44.92%	86	40.08%	44.00%	46.67%	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 **Economics: Macroeconomics** Result



Sample Size: 173

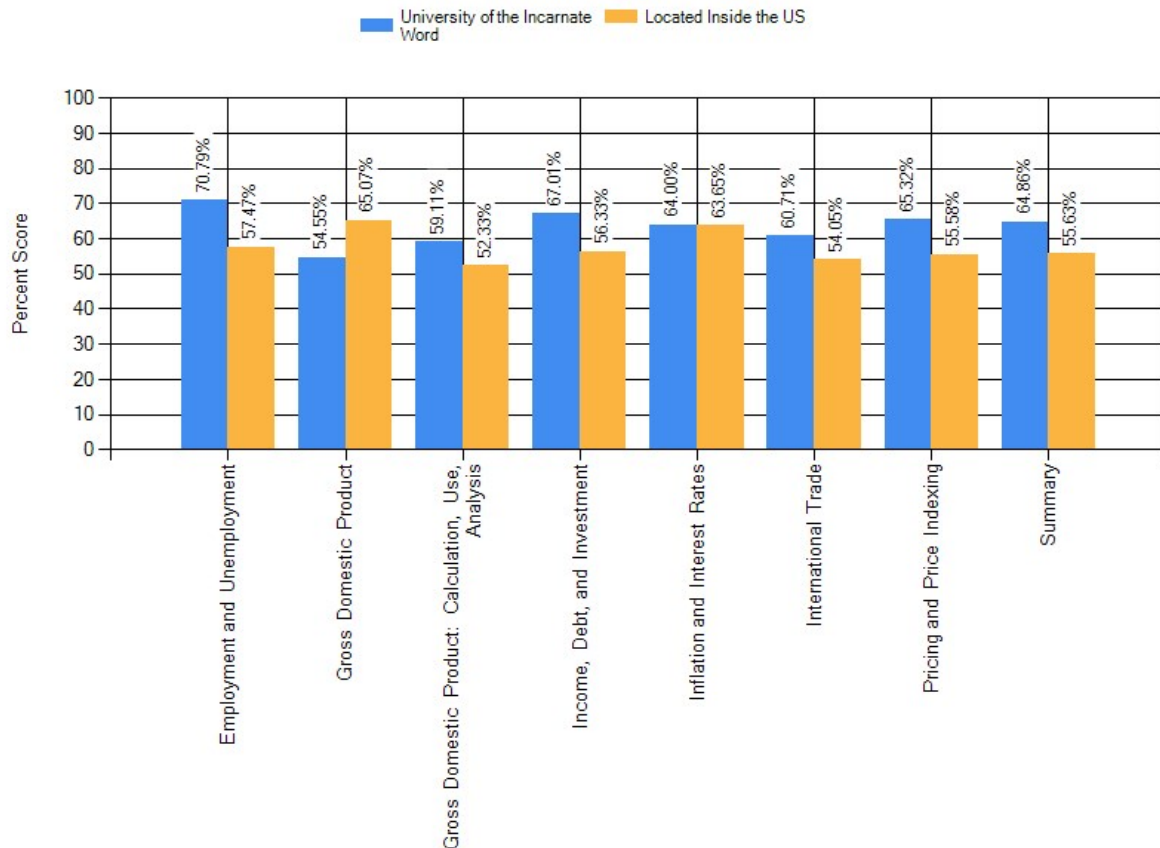
Mean Completion Time for this Topic (mins): Outbound = 5.48

Mean Score: 64.86%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 28.52

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

Economics: Macroeconomics Subject Score Comparison *Outbound Exam*



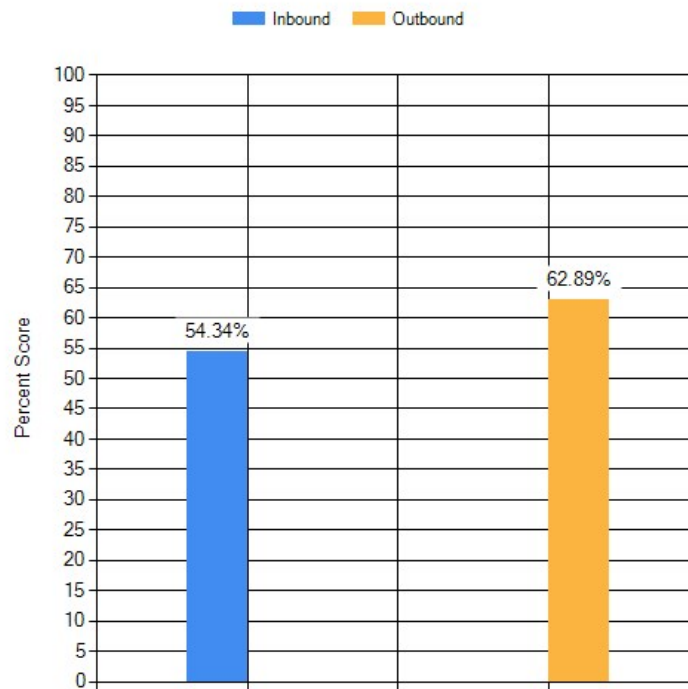
Frequency of Questions Offered on *Outbound Exams*

Economics: Macroeconomics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Employment and Unemployment	202	70.79%	47927	57.47%	*90	50.00%	56.00%	61.70%	68.75%
Gross Domestic Product	11	54.55%	1365	65.07%	*20	56.67%	64.28%	72.75%	80.00%
Gross Domestic Product: Calculation, Use, Analysis	225	59.11%	61532	52.33%	*70	44.23%	50.91%	56.86%	64.15%
Income, Debt, and Investment	197	67.01%	49118	56.33%	*81	48.00%	55.10%	60.98%	68.75%
Inflation and Interest Rates	50	64.00%	11560	63.65%	*51	55.56%	61.57%	68.89%	75.76%
International Trade	56	60.71%	11373	54.05%	*73	45.45%	51.61%	58.99%	66.67%
Pricing and Price Indexing	124	65.32%	30872	55.58%	*82	47.62%	54.55%	60.00%	66.67%
Summary	865	64.86%	213747	55.63%	83	49.33%	54.67%	59.33%	65.33%

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

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

Economics: Microeconomics Score Comparison



15.73% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

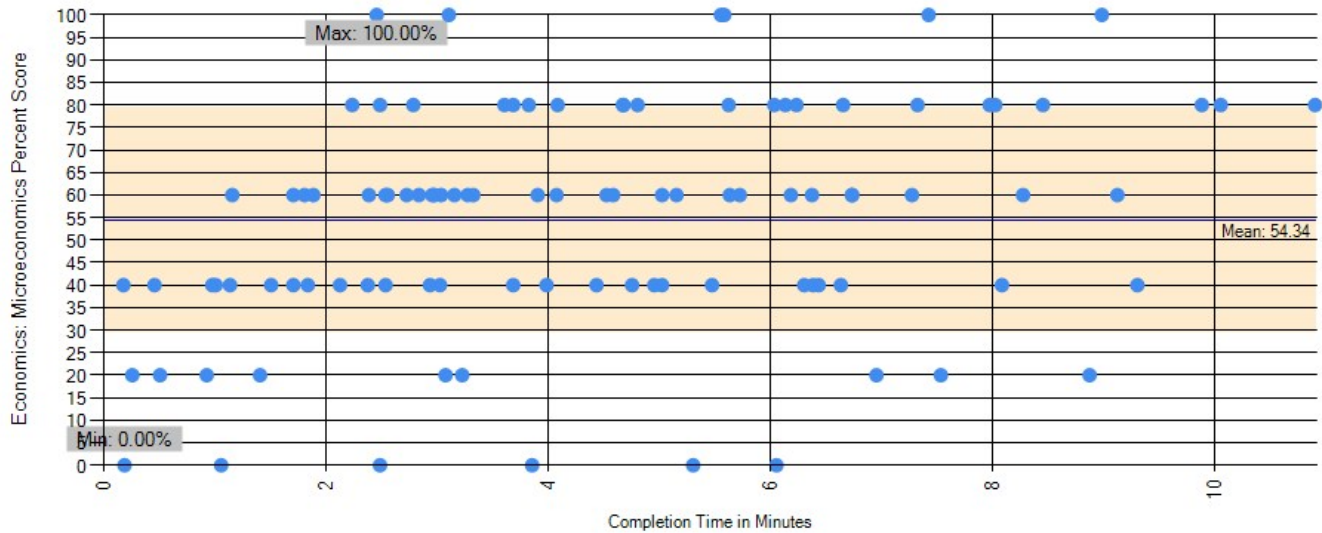
Mean Completion Time (mins): Inbound = 4.4, Outbound = 5.4

Economics: Microeconomics Assessment Summary

Assessment Summary Statistics

<u>Economics: Microeconomics</u>	<u>Inbound</u>	<u>Outbound</u>
Sample Size	99	173
Mean Score	54.34%	62.89%
Standard Deviation	25.08	28.67
Min Score	0%	0%
Max Score	100%	100%
Median Score	60%	60%
Mode	60%	80%

Inbound Exam Economics: Microeconomics Result



Sample Size: 99

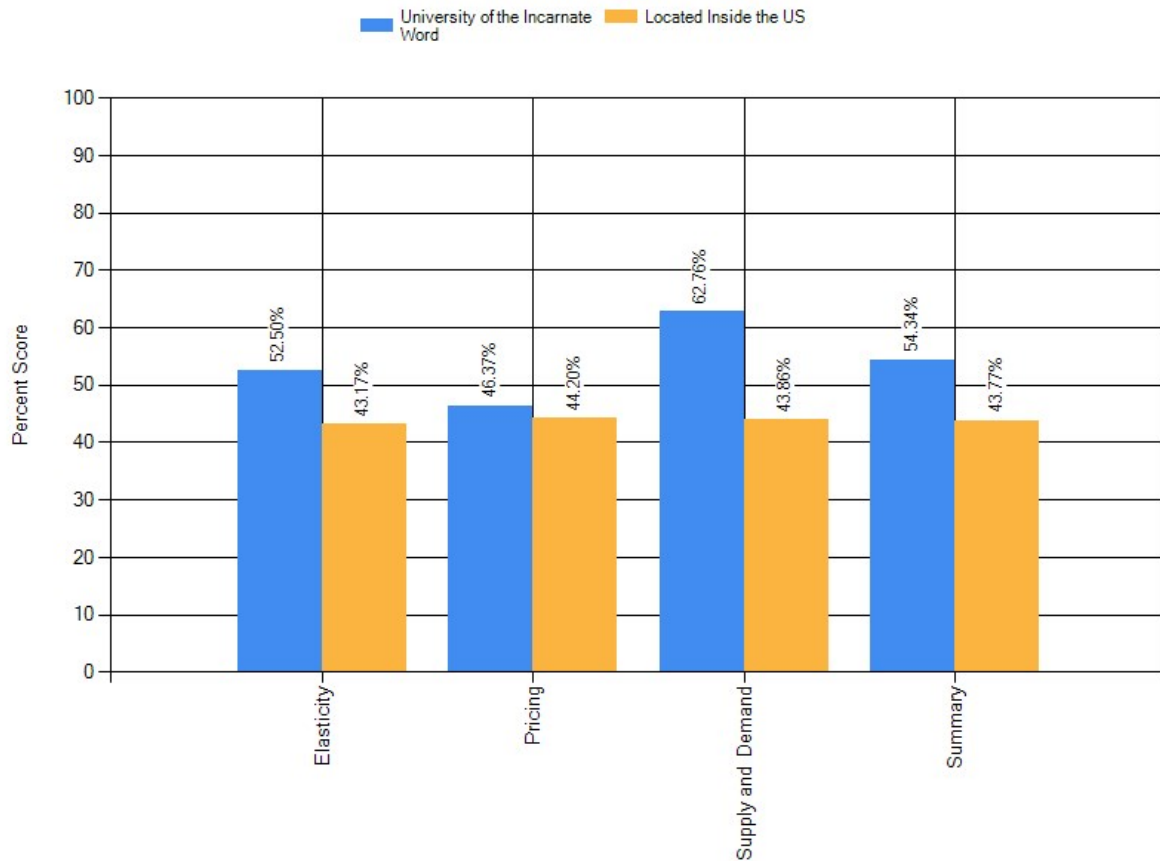
Mean Completion Time for this Topic (mins): Inbound = 4.43

Mean Score: 54.34%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 25.08

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

Economics: Microeconomics Subject Score Comparison *Inbound Exam*



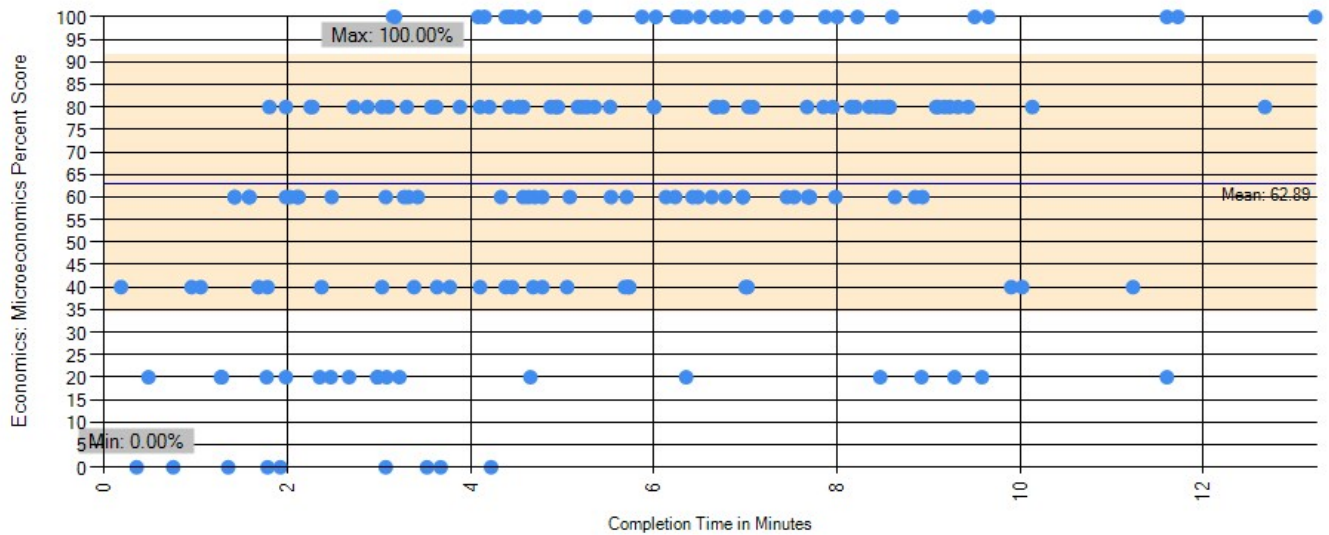
Frequency of Questions Offered on *Inbound Exams*

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
Elasticity	120	52.50%	25668	43.17%	*86	36.96%	41.67%	46.34%	52.27%
Pricing	179	46.37%	44331	44.20%	*62	38.81%	43.08%	46.77%	52.38%
Supply and Demand	196	62.76%	44228	43.86%	*96	37.74%	42.11%	46.55%	52.36%
Summary	495	54.34%	114227	43.77%	93	39.25%	42.67%	45.91%	50.00%

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

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

Outbound Exam **Economics: Microeconomics** Result



Sample Size: 173

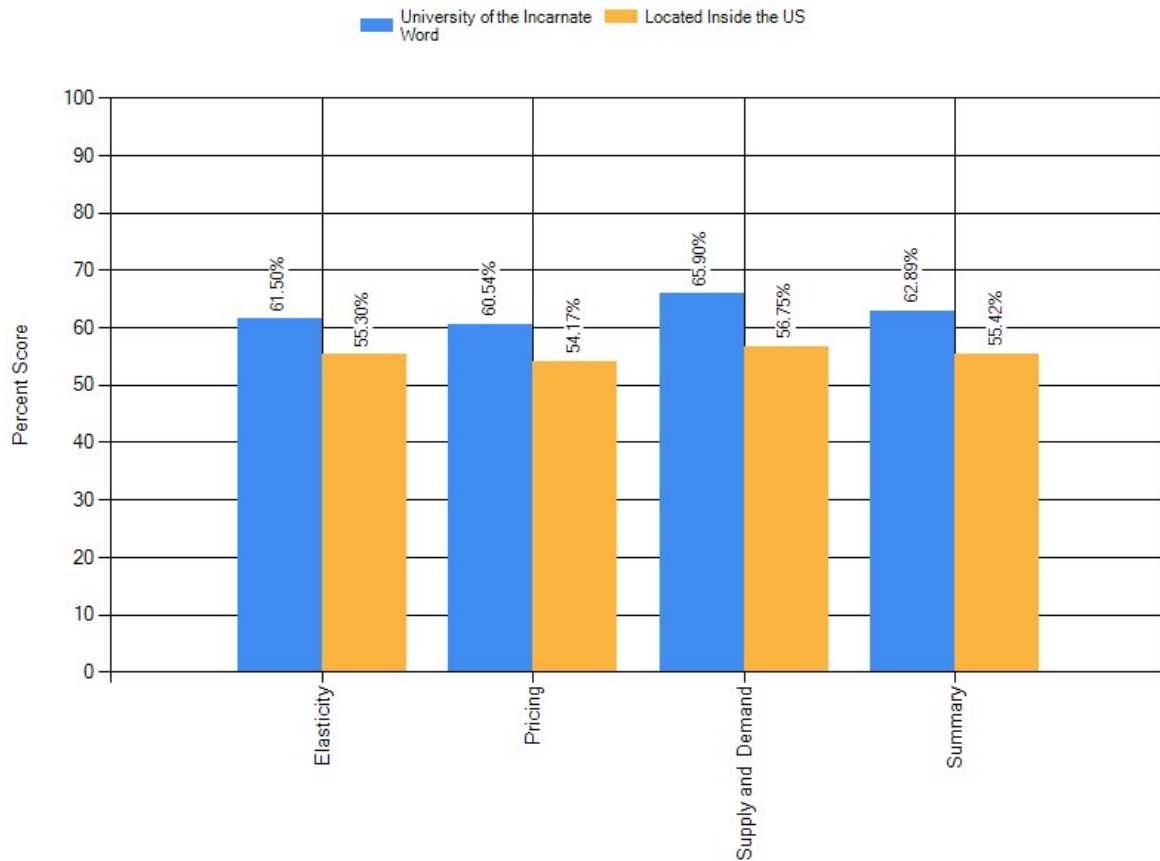
Mean Completion Time for this Topic (mins): Outbound = 5.40

Mean Score: 62.89%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 28.67

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

Economics: Microeconomics Subject Score Comparison *Outbound Exam*



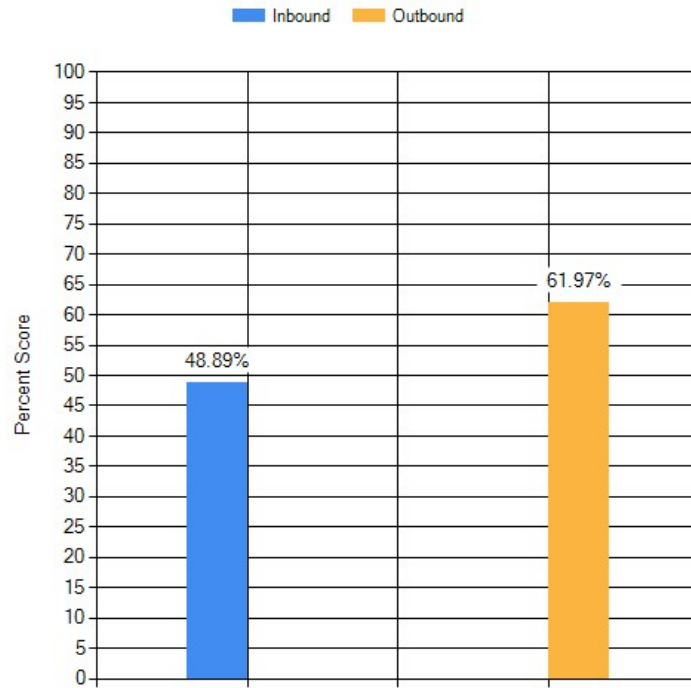
Frequency of Questions Offered on *Outbound Exams*

Economics: Microeconomics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Elasticity	187	61.50%	48741	55.30%	*68	47.78%	53.66%	60.00%	67.44%
Pricing	332	60.54%	84098	54.17%	72	46.77%	52.63%	58.33%	65.37%
Supply and Demand	346	65.90%	83538	56.75%	76	49.15%	55.74%	61.54%	68.54%
Summary	865	62.89%	216377	55.42%	77	48.53%	54.49%	59.20%	65.80%

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.

Global Dimensions of Business Score Comparison



26.75% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

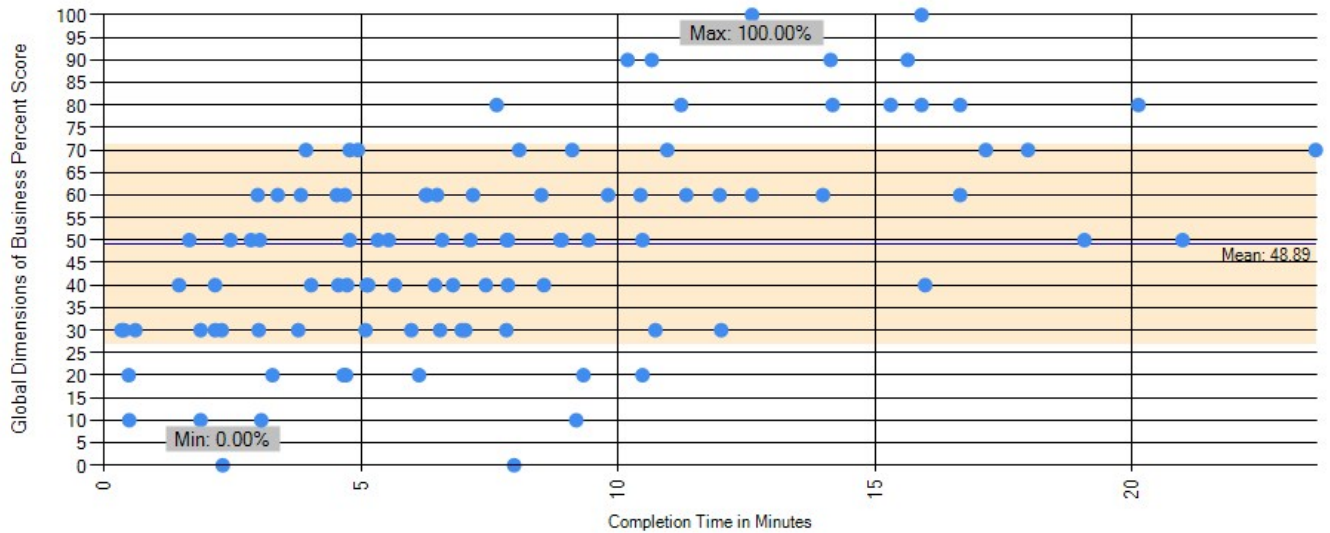
Mean Completion Time (mins): Inbound = 7.9, Outbound = 10.1

Global Dimensions of Business Assessment Summary

Assessment Summary Statistics

<u>Global Dimensions of Business</u>	<u>Inbound</u>	<u>Outbound</u>
Sample Size	99	173
Mean Score	48.89%	61.97%
Standard Deviation	22.22	21.83
Min Score	0%	0%
Max Score	100%	100%
Median Score	50%	60%
Mode	50%	80%

Inbound Exam Global Dimensions of Business Result



Sample Size: 99

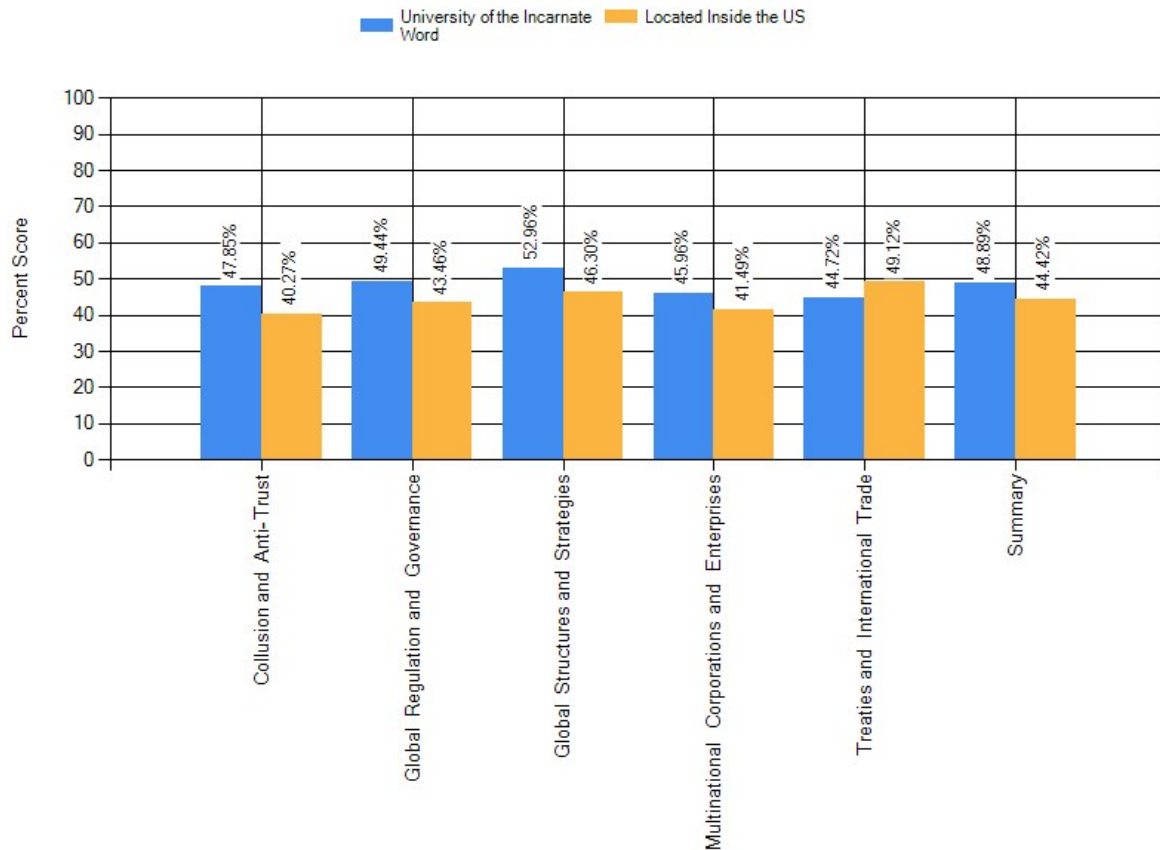
Mean Completion Time for this Topic (mins): Inbound = 7.88

Mean Score: 48.89%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 22.22

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

Global Dimensions of Business Subject Score Comparison *Inbound Exam*



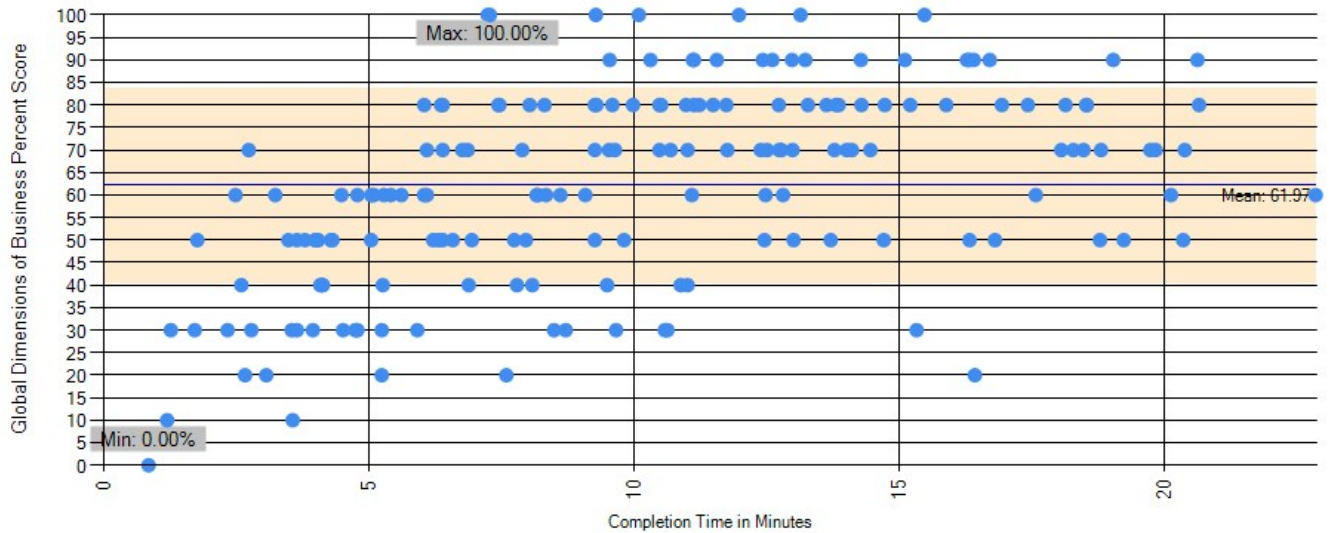
Frequency of Questions Offered on *Inbound Exams*

Global Dimensions of Business	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Collusion and Anti-Trust	186	47.85%	49911	40.27%	*82	34.55%	39.14%	42.86%	48.39%
Global Regulation and Governance	178	49.44%	56202	43.46%	*79	38.57%	42.49%	46.15%	50.86%
Global Structures and Strategies	304	52.96%	90748	46.30%	82	41.39%	45.16%	48.82%	54.02%
Multinational Corporations and Enterprises	161	45.96%	45990	41.49%	*72	35.59%	40.00%	43.99%	50.00%
Treaties and International Trade	161	44.72%	44936	49.12%	*30	42.86%	47.72%	52.08%	57.89%
Summary	990	48.89%	287787	44.42%	80	40.33%	43.33%	46.00%	50.00%

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

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

Outbound Exam Global Dimensions of Business Result



Sample Size: 173

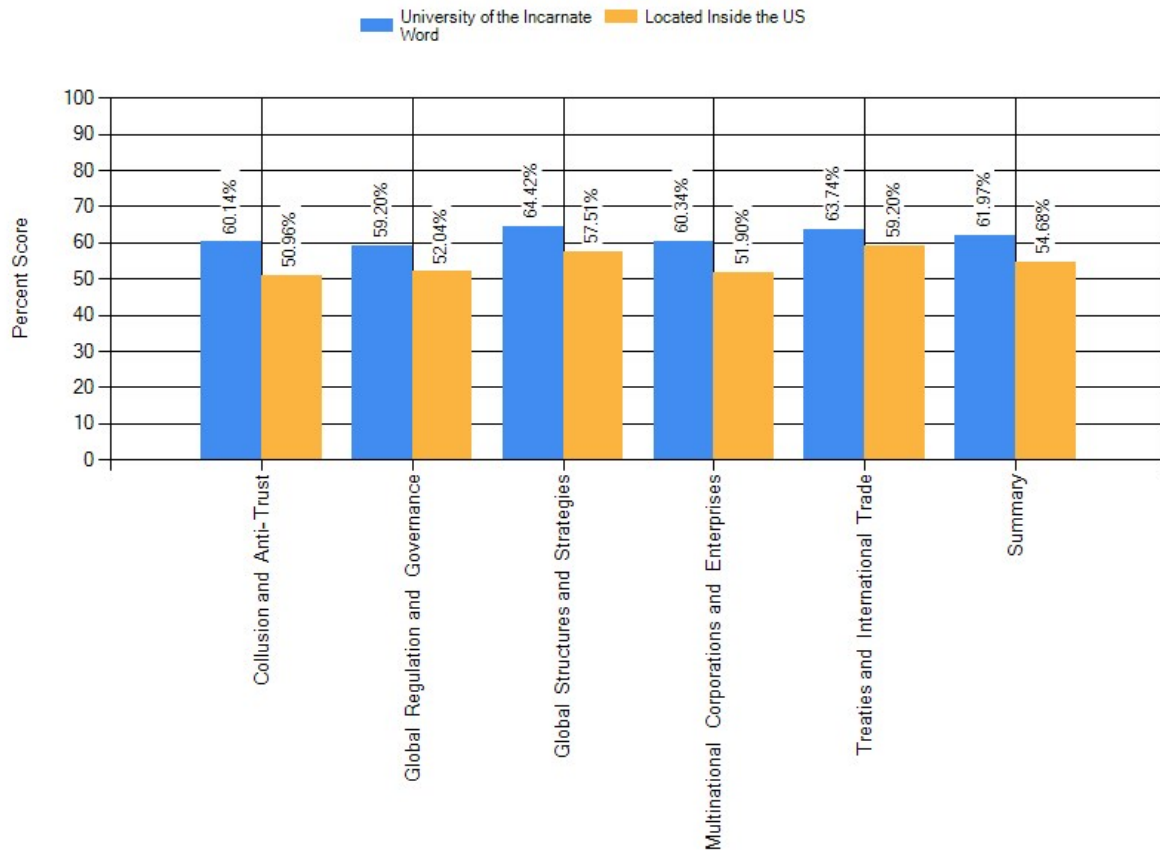
Mean Completion Time for this Topic (mins): Outbound = 10.08

Mean Score: 61.97%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 21.83

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

Global Dimensions of Business Subject Score Comparison *Outbound Exam*



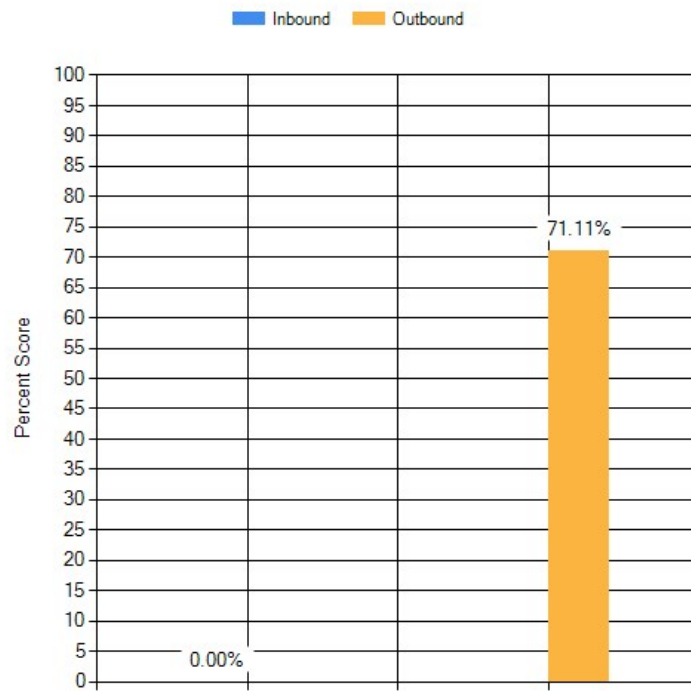
Frequency of Questions Offered on *Outbound Exams*

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
Collusion and Anti-Trust	276	60.14%	69307	50.96%	*79	43.64%	49.12%	55.17%	62.31%
Global Regulation and Governance	326	59.20%	78750	52.04%	77	45.59%	50.77%	55.71%	61.90%
Global Structures and Strategies	565	64.42%	128821	57.51%	73	50.50%	55.56%	61.68%	68.01%
Multinational Corporations and Enterprises	290	60.34%	66118	51.90%	*76	43.64%	50.00%	56.36%	64.41%
Treaties and International Trade	273	63.74%	64508	59.20%	*65	51.85%	57.89%	63.43%	69.81%
Summary	1730	61.97%	407504	54.68%	78	48.00%	53.00%	58.00%	64.33%

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

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

Information Management Systems Score Comparison



Sample Size: Inbound = 0, Outbound = 36

Mean Completion Time (mins): Inbound = , Outbound = 14.5

Information Management Systems Assessment Summary

Assessment Summary Statistics

<u>Information Management Systems</u>	<u>Inbound</u>	<u>Outbound</u>
Sample Size	0	36
Mean Score	0.00%	71.11%
Standard Deviation	0.00	14.89
Min Score	0%	30%
Max Score	0%	100%
Median Score	0%	70%
Mode	0%	80%

Inbound Exam **Information Management Systems** Result

Sample Size: 0

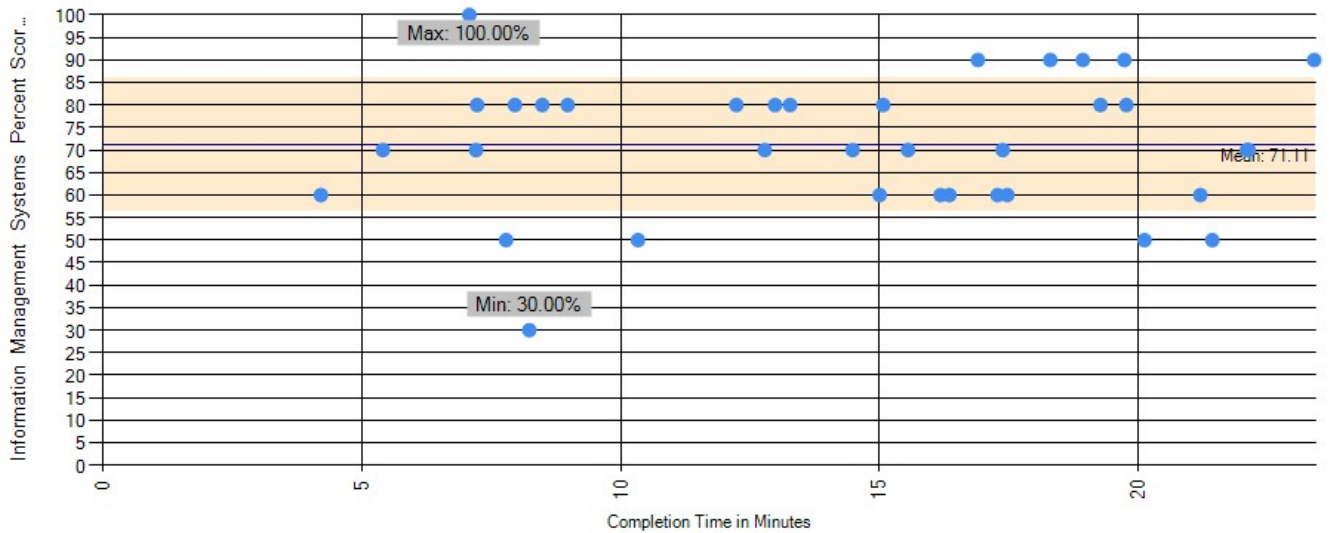
Mean Completion Time for this Topic (mins): Inbound = 0.00

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

Standard Deviation: 0.00

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

Outbound Exam Information Management Systems Result



Sample Size: 36

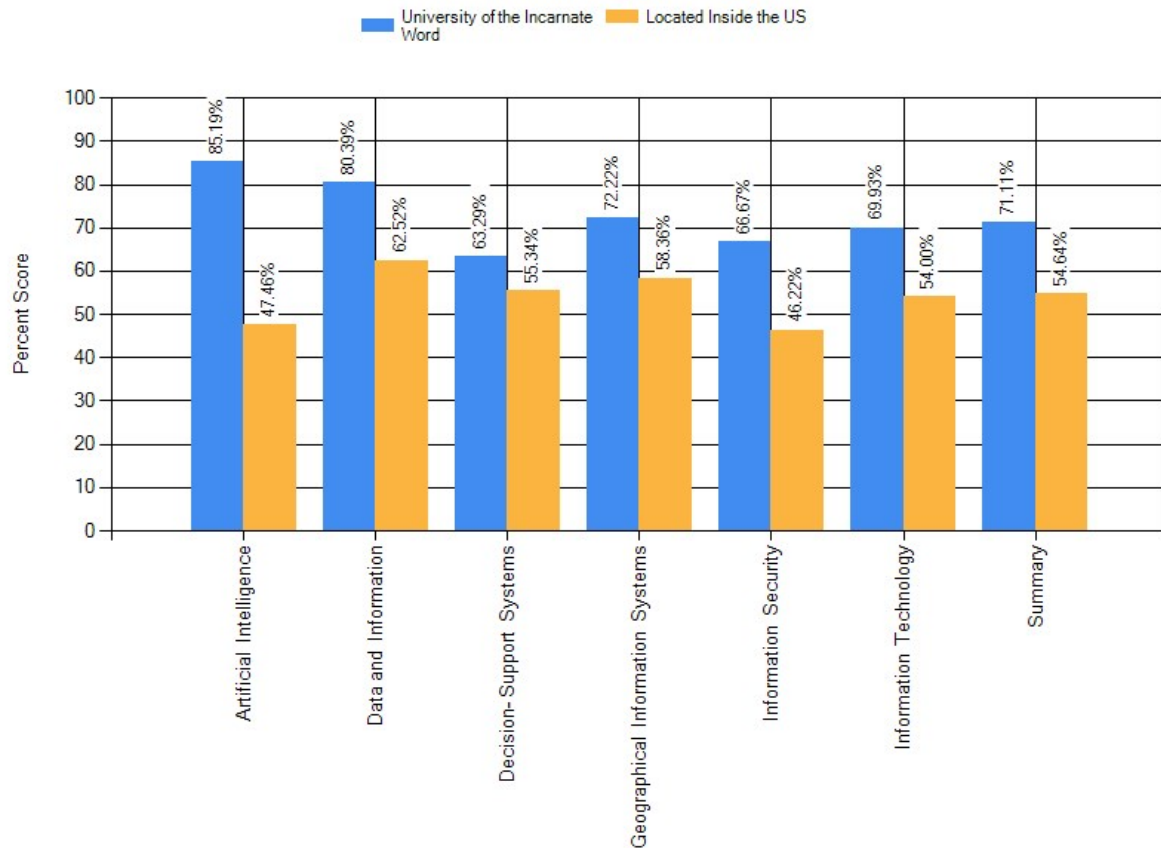
Mean Completion Time for this Topic (mins): Outbound = 14.50

Mean Score: 71.11%, Max Score: 100.00%, Min Score: 30.00%

Standard Deviation: 14.89

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

Information Management Systems Subject Score Comparison *Outbound Exam*



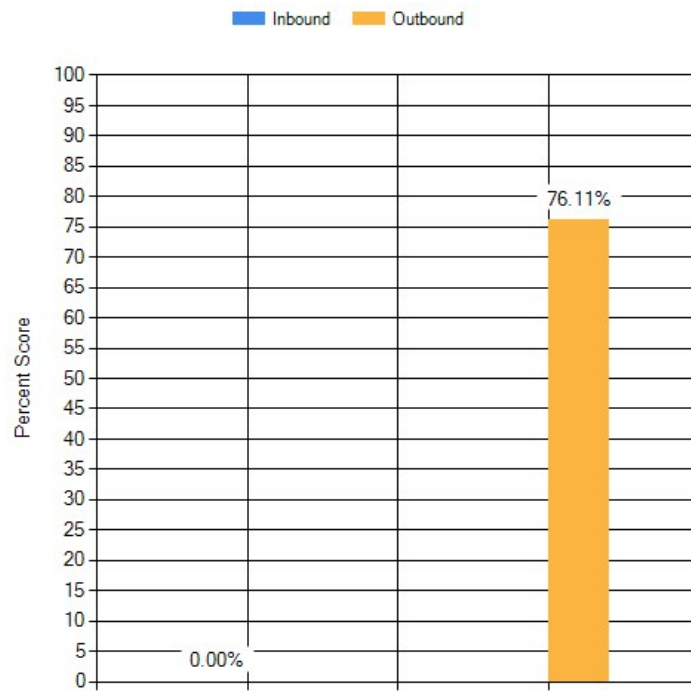
Frequency of Questions Offered on *Outbound Exams*

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	27	85.19%	25058	47.46%	*99	40.00%	45.95%	51.16%	59.18%
Data and Information	51	80.39%	31145	62.52%	*98	56.86%	61.21%	65.96%	71.71%
Decision-Support Systems	79	63.29%	70260	55.34%	*84	50.00%	54.32%	58.33%	63.53%
Geographical Information Systems	36	72.22%	24043	58.36%	*93	52.38%	57.14%	61.70%	68.09%
Information Security	24	66.67%	18039	46.22%	*98	39.43%	44.74%	50.00%	56.52%
Information Technology	143	69.93%	99652	54.00%	*98	48.39%	52.85%	56.88%	61.88%
Summary	360	71.11%	268197	54.64%	99	50.10%	53.62%	57.00%	61.40%

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

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

Legal Environment of Business Score Comparison



Sample Size: Inbound = 0, Outbound = 36

Mean Completion Time (mins): Inbound = , Outbound = 14.1

Legal Environment of Business Assessment Summary

Assessment Summary Statistics

<u>Legal Environment of Business</u>	<u>Inbound</u>	<u>Outbound</u>
Sample Size	0	36
Mean Score	0.00%	76.11%
Standard Deviation	0.00	17.28
Min Score	0%	40%
Max Score	0%	100%
Median Score	0%	80%
Mode	0%	90%

Inbound Exam **Legal Environment of Business** Result

Sample Size: 0

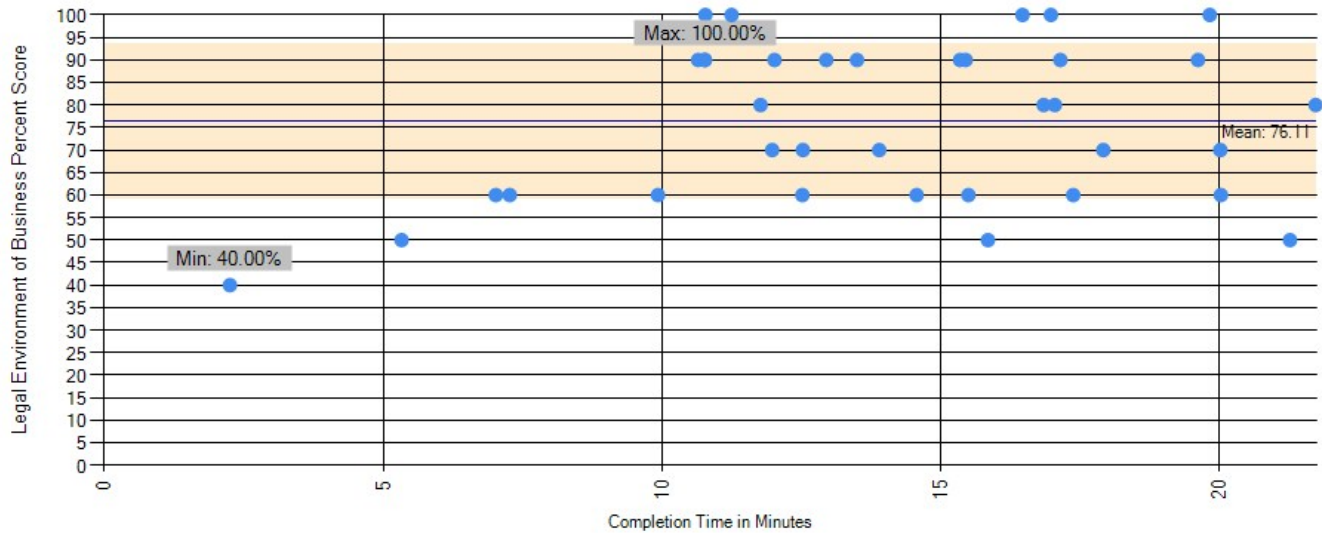
Mean Completion Time for this Topic (mins): Inbound = 0.00

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

Standard Deviation: 0.00

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

Outbound Exam Legal Environment of Business Result



Sample Size: 36

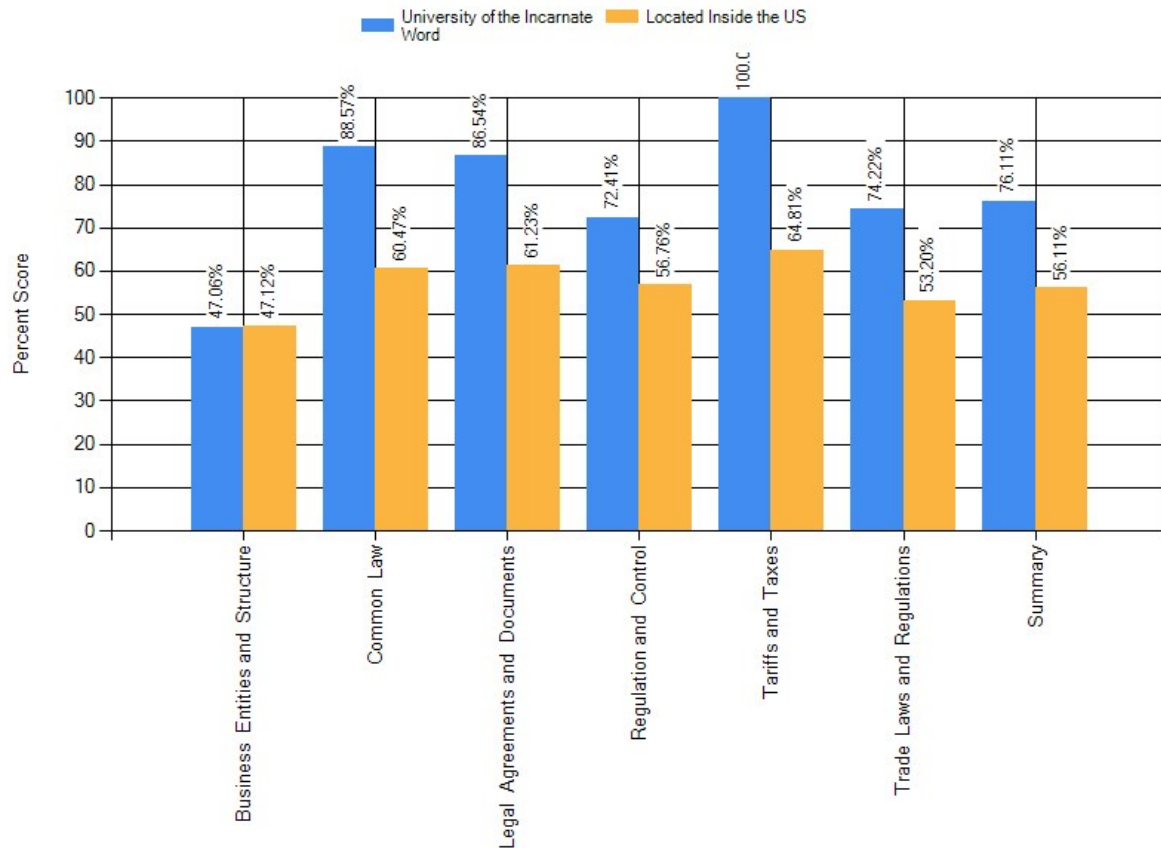
Mean Completion Time for this Topic (mins): Outbound = 14.07

Mean Score: 76.11%, Max Score: 100.00%, Min Score: 40.00%

Standard Deviation: 17.28

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

Legal Environment of Business Subject Score Comparison *Outbound Exam*



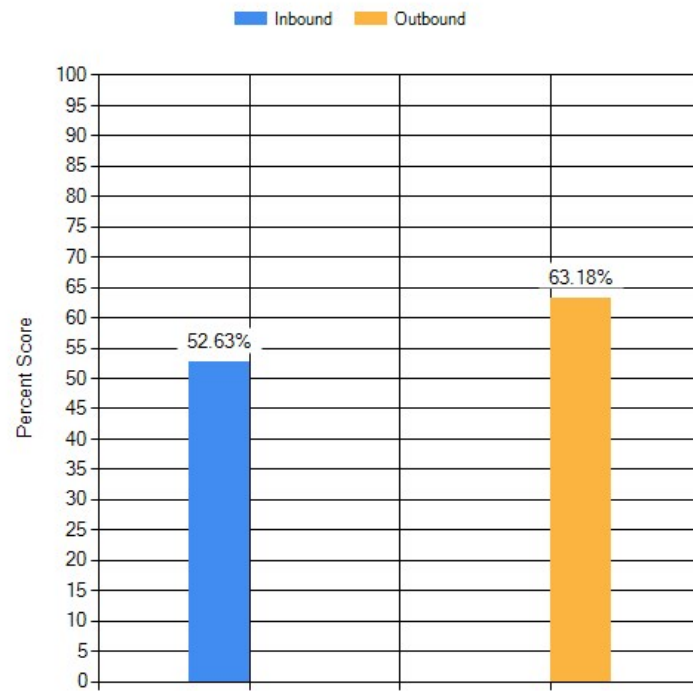
Frequency of Questions Offered on *Outbound Exams*

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
Business Entities and Structure	34	47.06%	46022	47.12%	*51	40.43%	45.24%	51.02%	57.69%
Common Law	35	88.57%	34041	60.47%	*99	51.16%	58.97%	65.85%	73.57%
Legal Agreements and Documents	52	86.54%	55297	61.23%	*99	54.13%	60.39%	65.52%	72.38%
Regulation and Control	87	72.41%	96194	56.76%	*96	50.79%	55.56%	60.00%	65.71%
Tariffs and Taxes	24	100.00%	33297	64.81%	*99	56.79%	64.29%	69.44%	76.92%
Trade Laws and Regulations	128	74.22%	133570	53.20%	*98	47.06%	51.42%	56.41%	62.37%
Summary	360	76.11%	398421	56.11%	99	50.33%	54.92%	59.33%	64.67%

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.

Management Score Comparison



20.05% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

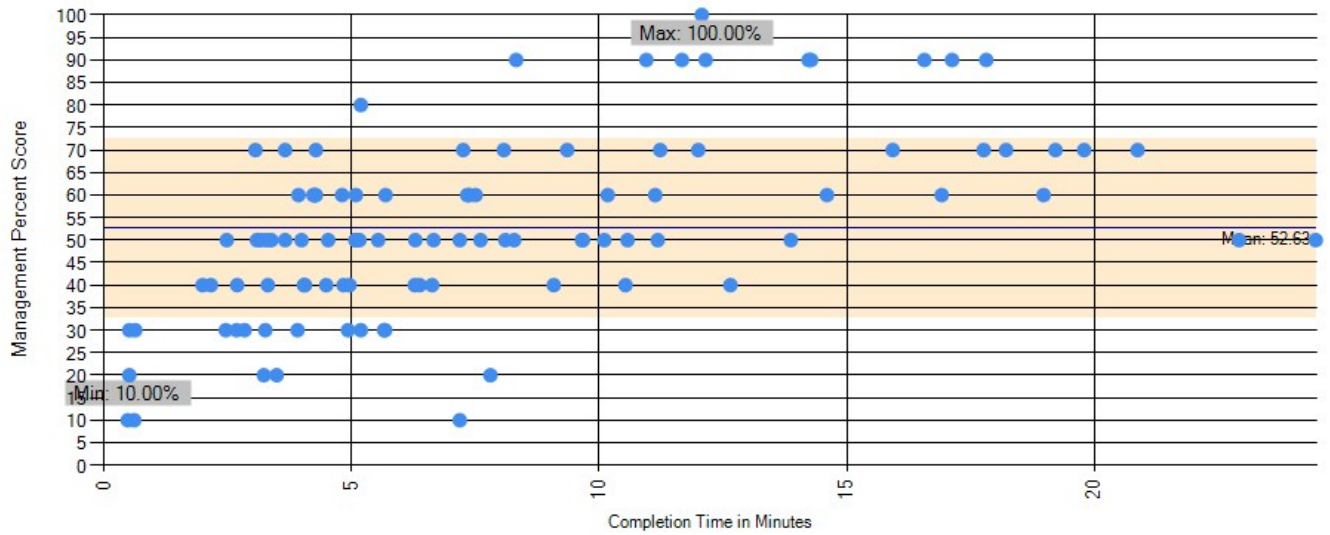
Mean Completion Time (mins): Inbound = 7.9, Outbound = 10.7

Management Assessment Summary

Assessment Summary Statistics

<u>Management</u>	<u>Inbound</u>	<u>Outbound</u>
Sample Size	99	173
Mean Score	52.63%	63.18%
Standard Deviation	19.83	21.42
Min Score	10%	0%
Max Score	100%	100%
Median Score	50%	70%
Mode	50%	70%

Inbound Exam Management Result



Sample Size: 99

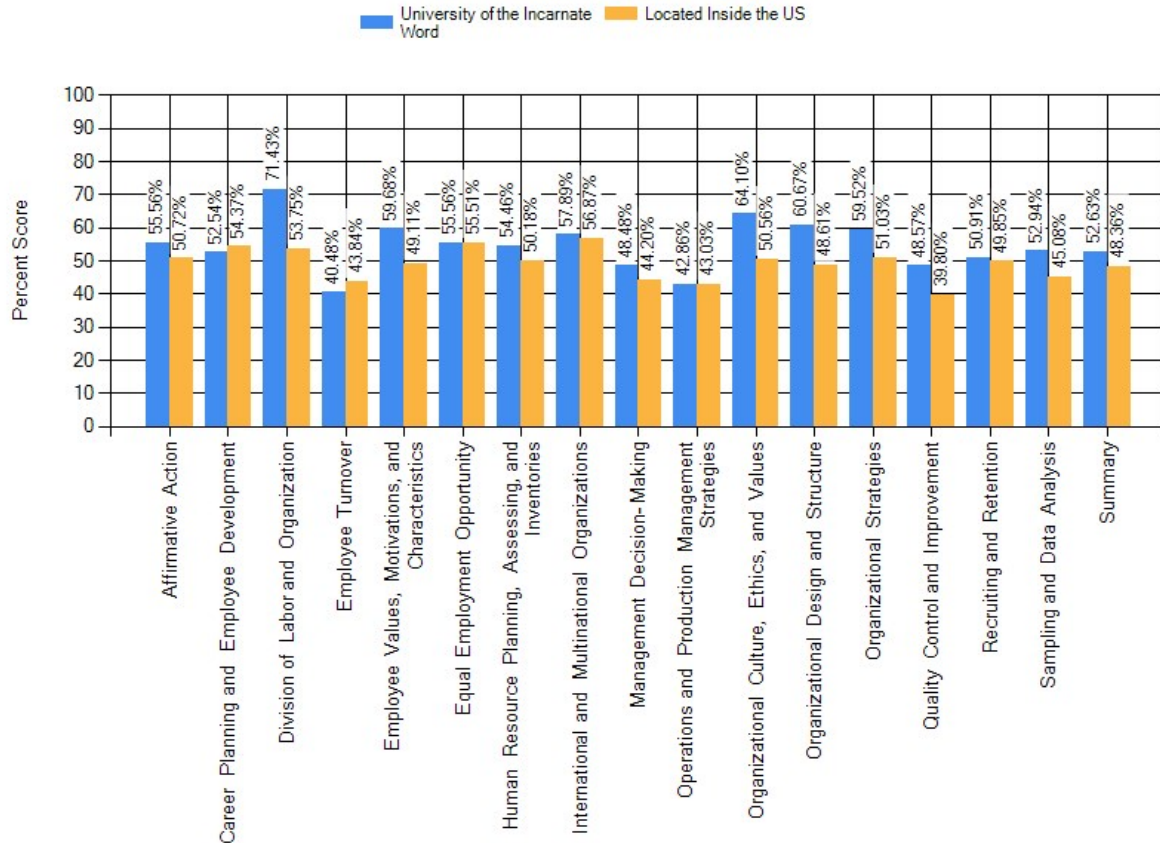
Mean Completion Time for this Topic (mins): Inbound = 7.95

Mean Score: 52.63%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 19.83

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

Management Subject Score Comparison *Inbound Exam*



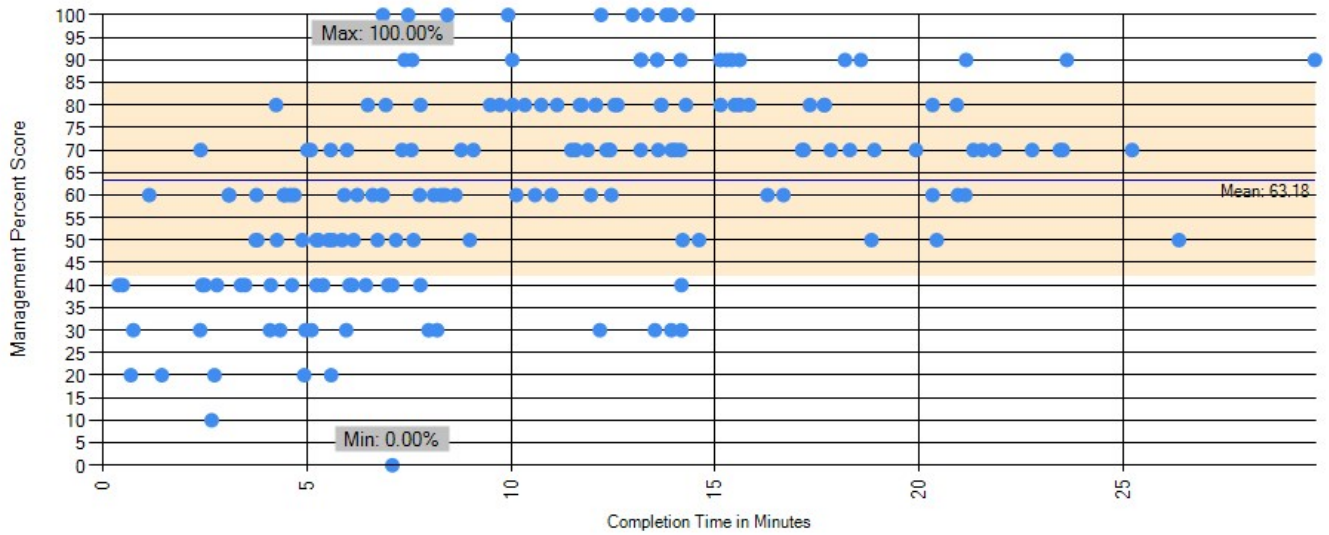
Frequency of Questions Offered on *Inbound Exams*

Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Affirmative Action	36	55.56%	12120	50.72%	*66	44.12%	50.00%	54.55%	59.38%
Career Planning and Employee Development	59	52.54%	19465	54.37%	*40	48.65%	52.94%	57.77%	62.16%
Division of Labor and Organization	14	71.43%	4457	53.75%	*96	48.39%	53.33%	56.25%	61.29%
Employee Turnover	42	40.48%	17057	43.84%	*34	37.84%	42.86%	47.22%	52.94%
Employee Values, Motivations, and Characteristics	62	59.68%	16866	49.11%	*88	43.24%	47.57%	52.53%	57.89%
Equal Employment Opportunity	36	55.56%	13209	55.51%	*52	48.75%	53.16%	58.82%	65.63%
Human Resource Planning, Assessing, and Inventories	112	54.46%	36832	50.18%	*69	44.44%	48.84%	53.49%	58.14%
International and Multinational Organizations	19	57.89%	5469	56.87%	*55	51.52%	56.25%	59.57%	65.63%
Management Decision-Making	66	48.48%	21171	44.20%	*68	38.10%	43.24%	47.41%	53.61%
Operations and Production Management Strategies	161	42.86%	41332	43.03%	*51	37.50%	41.32%	45.61%	52.00%
Organizational Culture, Ethics, and Values	39	64.10%	9002	50.56%	*90	43.75%	48.57%	53.13%	60.61%
Organizational Design and Structure	89	60.67%	26500	48.61%	*90	42.43%	47.50%	52.17%	57.89%
Organizational Strategies	42	59.52%	12834	51.03%	*83	44.12%	50.00%	55.28%	60.00%
Quality Control and Improvement	35	48.57%	10547	39.80%	*85	34.23%	38.24%	43.18%	48.57%
Recruiting and Retention	110	50.91%	33996	49.85%	*52	44.44%	48.83%	53.01%	57.92%
Sampling and Data Analysis	68	52.94%	20443	45.08%	*80	38.46%	44.01%	48.65%	54.76%
Summary	990	52.63%	301300	48.36%	80	45.07%	47.33%	49.82%	53.39%

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: 173

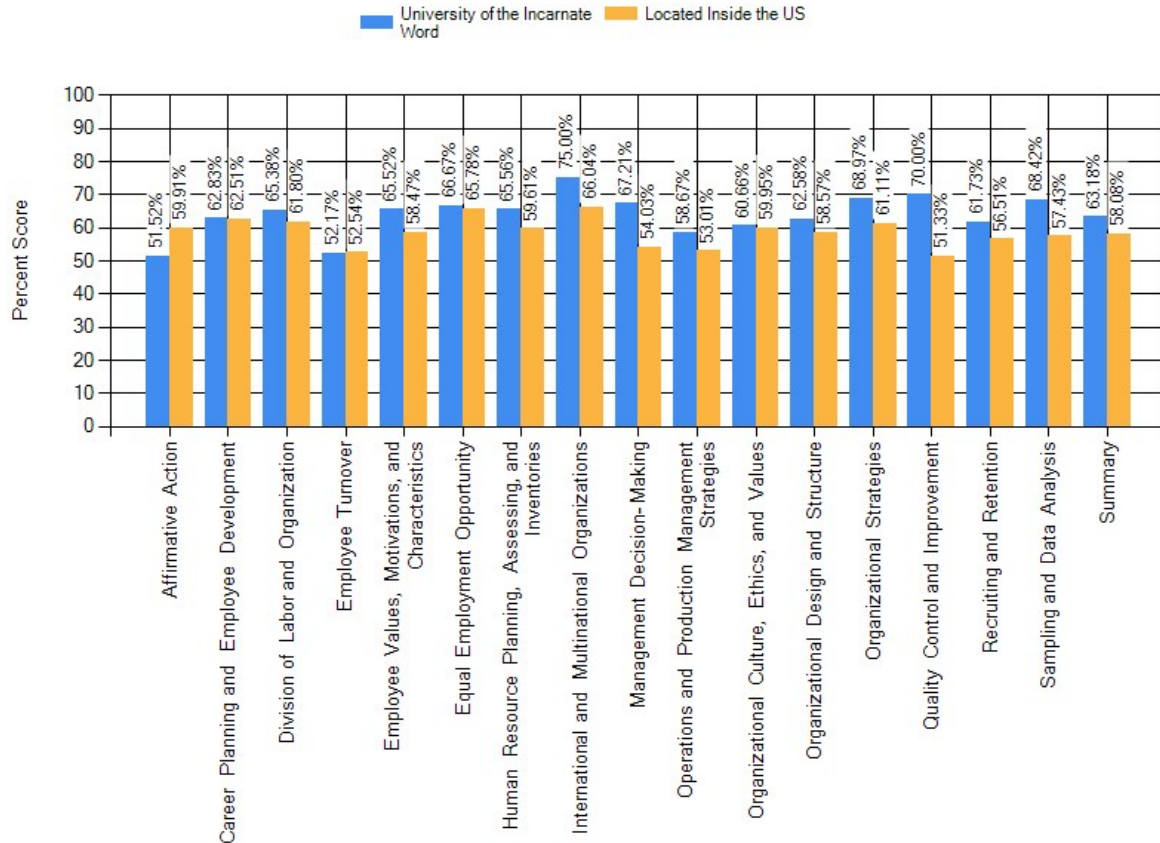
Mean Completion Time for this Topic (mins): Outbound = 10.65

Mean Score: 63.18%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 21.42

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

Management Subject Score Comparison *Outbound Exam*



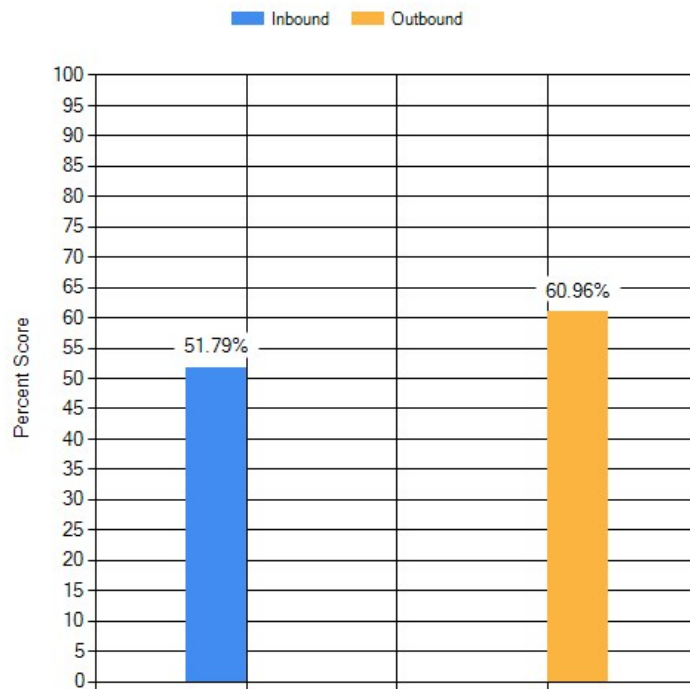
Frequency of Questions Offered on *Outbound Exams*

Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Affirmative Action	66	51.52%	16603	59.91%	*21	52.94%	58.82%	64.44%	70.20%
Career Planning and Employee Development	113	62.83%	45198	62.51%	*53	56.41%	61.11%	65.79%	72.31%
Division of Labor and Organization	26	65.38%	10199	61.80%	*60	54.84%	61.11%	66.67%	71.88%
Employee Turnover	92	52.17%	23631	52.54%	*51	45.80%	51.17%	56.25%	63.64%
Employee Values, Motivations, and Characteristics	87	65.52%	38767	58.47%	*76	51.43%	57.58%	62.50%	68.80%
Equal Employment Opportunity	84	66.67%	18126	65.78%	*49	58.82%	64.86%	69.70%	77.14%
Human Resource Planning, Assessing, and Inventories	180	65.56%	50910	59.61%	*69	52.38%	58.10%	64.10%	70.60%
International and Multinational Organizations	40	75.00%	12875	66.04%	*84	60.00%	65.63%	70.00%	75.68%
Management Decision-Making	122	67.21%	33721	54.03%	*87	46.55%	51.70%	57.89%	65.79%
Operations and Production Management Strategies	271	58.67%	64900	53.01%	*69	46.00%	51.16%	57.24%	63.83%
Organizational Culture, Ethics, and Values	61	60.66%	21371	59.95%	*52	53.19%	58.82%	63.64%	69.70%
Organizational Design and Structure	155	62.58%	61815	58.57%	*66	52.22%	57.14%	62.16%	68.42%
Organizational Strategies	87	68.97%	29908	61.11%	*80	54.72%	59.63%	64.71%	71.43%
Quality Control and Improvement	70	70.00%	16449	51.33%	*97	43.31%	50.00%	56.25%	63.64%
Recruiting and Retention	162	61.73%	46647	56.51%	*70	50.97%	55.32%	60.00%	65.96%
Sampling and Data Analysis	114	68.42%	31681	57.43%	*82	48.78%	56.76%	62.79%	70.00%
Summary	1730	63.18%	522801	58.08%	74	53.00%	57.30%	61.01%	65.85%

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



17.71% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

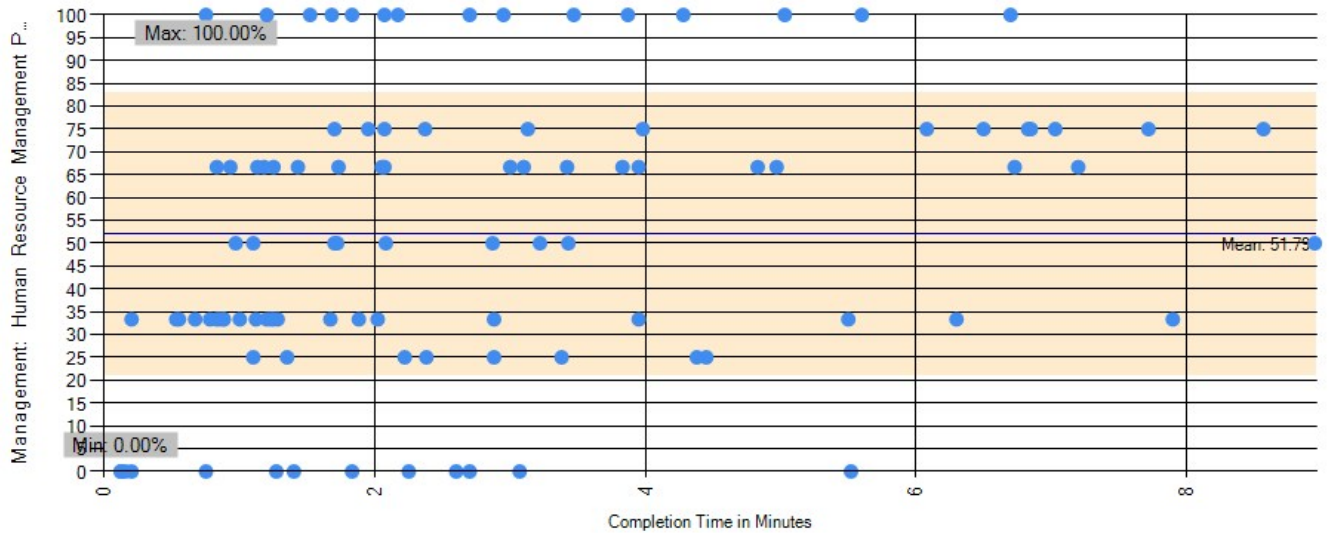
Mean Completion Time (mins): Inbound = 2.8, Outbound = 3.7

Management: Human Resource Management Assessment Summary

Assessment Summary Statistics

<u>Management: Human Resource Management</u>	<u>Inbound</u>	<u>Outbound</u>
Sample Size	99	173
Mean Score	51.79%	60.96%
Standard Deviation	31.02	27.89
Min Score	0%	0%
Max Score	100%	100%
Median Score	50%	67%
Mode	33%	67%

Inbound Exam Management: Human Resource Management Result



Sample Size: 99

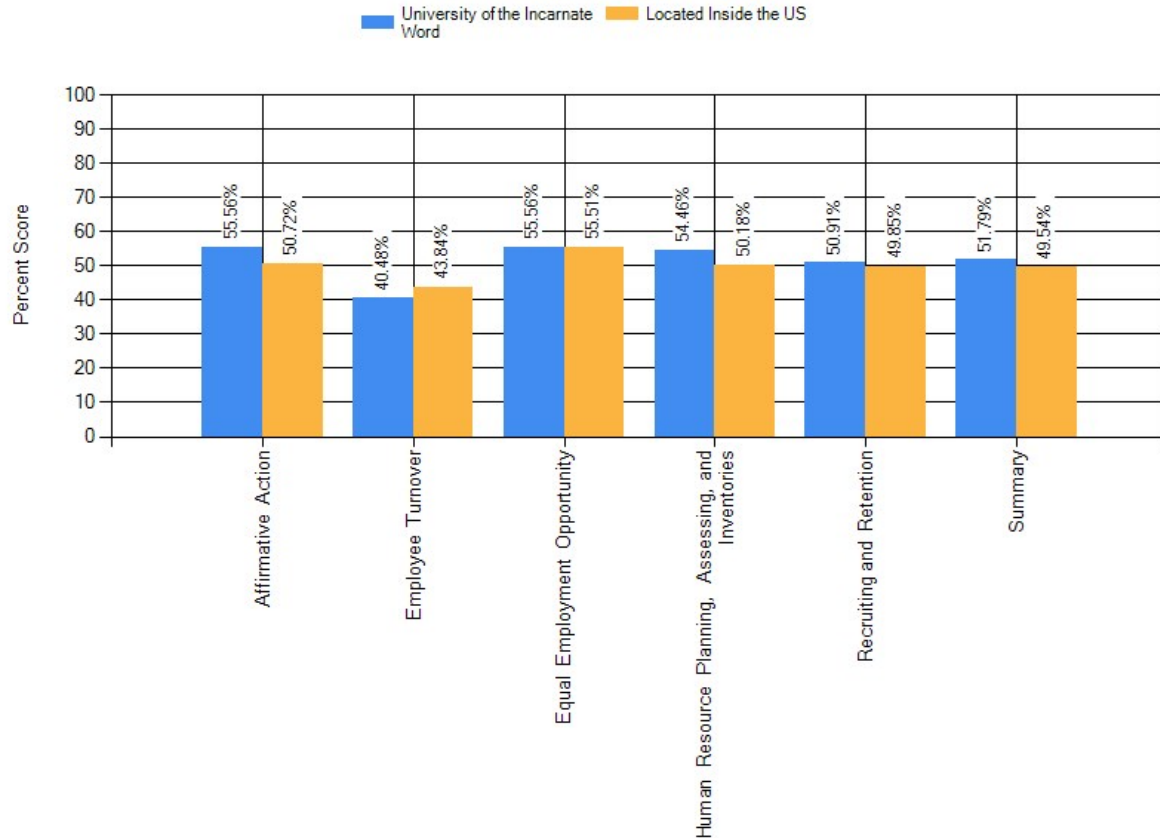
Mean Completion Time for this Topic (mins): Inbound = 2.83

Mean Score: 51.79%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 31.02

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

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



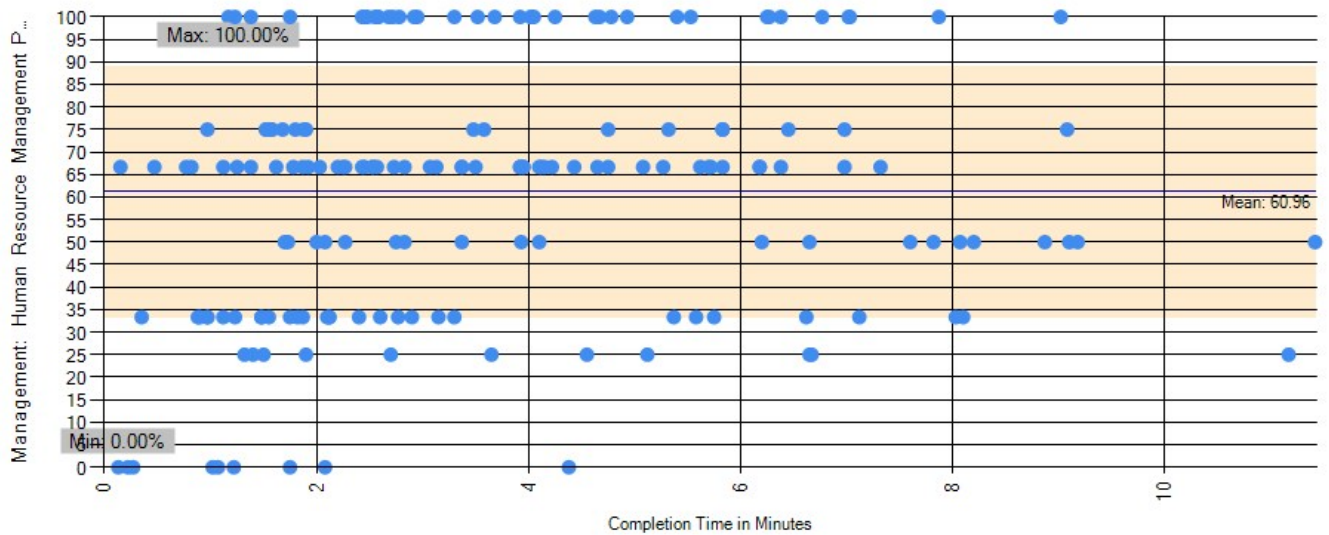
Frequency of Questions Offered on *Inbound Exams*

Management: Human Resource Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Affirmative Action	36	55.56%	12120	50.72%	*66	44.12%	50.00%	54.55%	59.38%
Employee Turnover	42	40.48%	17057	43.84%	*34	37.84%	42.86%	47.22%	52.94%
Equal Employment Opportunity	36	55.56%	13209	55.51%	*52	48.75%	53.16%	58.82%	65.63%
Human Resource Planning, Assessing, and Inventories	112	54.46%	36832	50.18%	*69	44.44%	48.84%	53.49%	58.14%
Recruiting and Retention	110	50.91%	33996	49.85%	*52	44.44%	48.83%	53.01%	57.92%
Summary	336	51.79%	113214	49.54%	64	45.54%	48.81%	51.84%	56.18%

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

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

Outbound Exam Management: Human Resource Management Result



Sample Size: 173

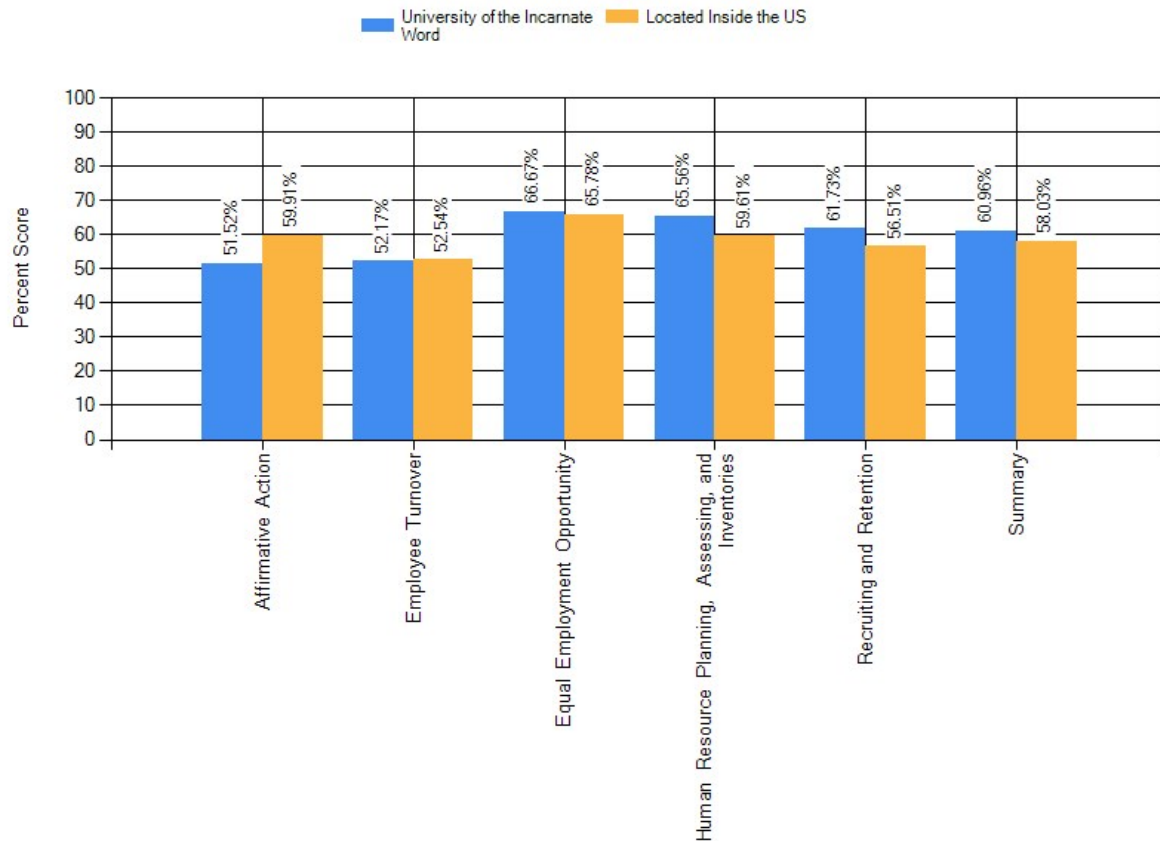
Mean Completion Time for this Topic (mins): Outbound = 3.72

Mean Score: 60.96%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 27.89

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

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



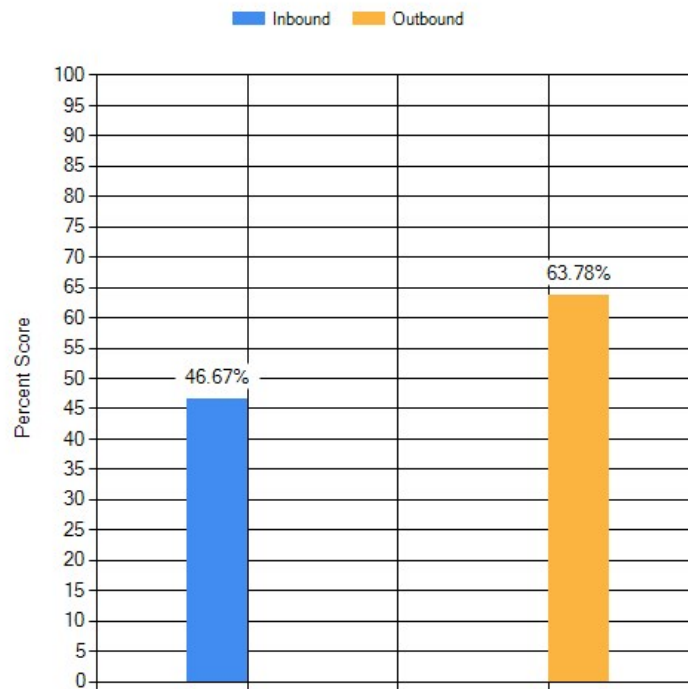
Frequency of Questions Offered on *Outbound Exams*

Management: Human Resource Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Affirmative Action	66	51.52%	16603	59.91%	*21	52.94%	58.82%	64.44%	70.20%
Employee Turnover	92	52.17%	23631	52.54%	*51	45.80%	51.17%	56.25%	63.64%
Equal Employment Opportunity	84	66.67%	18126	65.78%	*49	58.82%	64.86%	69.70%	77.14%
Human Resource Planning, Assessing, and Inventories	180	65.56%	50910	59.61%	*69	52.38%	58.10%	64.10%	70.60%
Recruiting and Retention	162	61.73%	46647	56.51%	*70	50.97%	55.32%	60.00%	65.96%
Summary	584	60.96%	155917	58.03%	63	52.48%	57.14%	61.24%	66.67%

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.

Management: Operations/Production Management Score Comparison



36.66% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

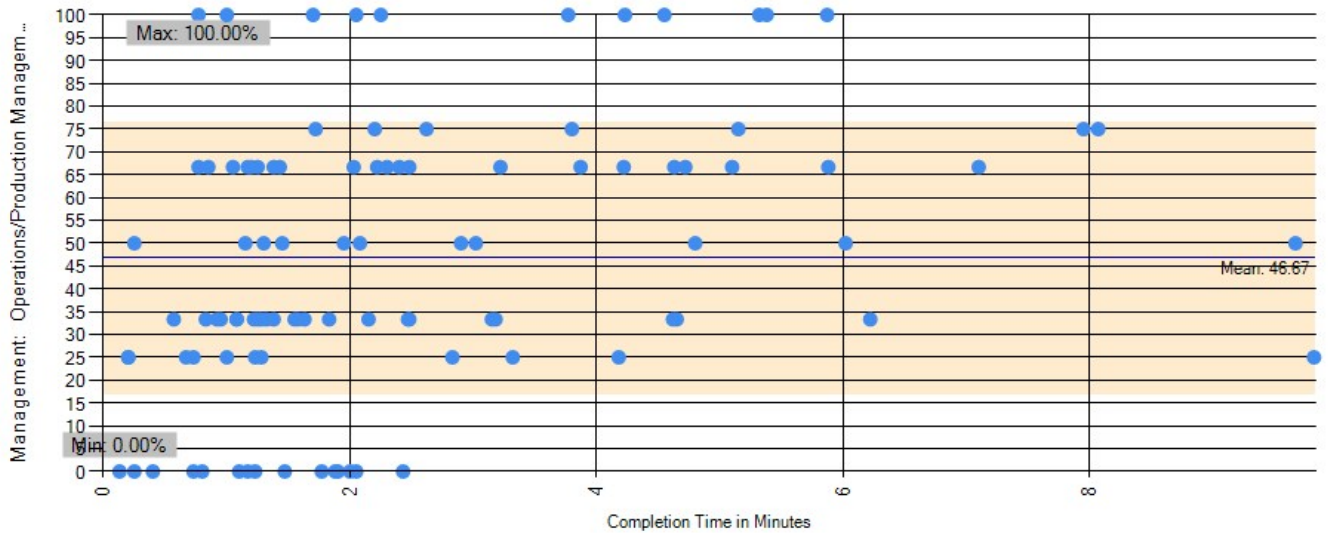
Mean Completion Time (mins): Inbound = 2.6, Outbound = 3.6

Management: Operations/Production Management Assessment Summary

Assessment Summary Statistics

Management: Operations/Production Management	Inbound	Outbound
Sample Size	99	173
Mean Score	46.67%	63.78%
Standard Deviation	29.86	32.33
Min Score	0%	0%
Max Score	100%	100%
Median Score	50%	67%
Mode	33%	100%

Inbound Exam Management: Operations/Production Management Result



Sample Size: 99

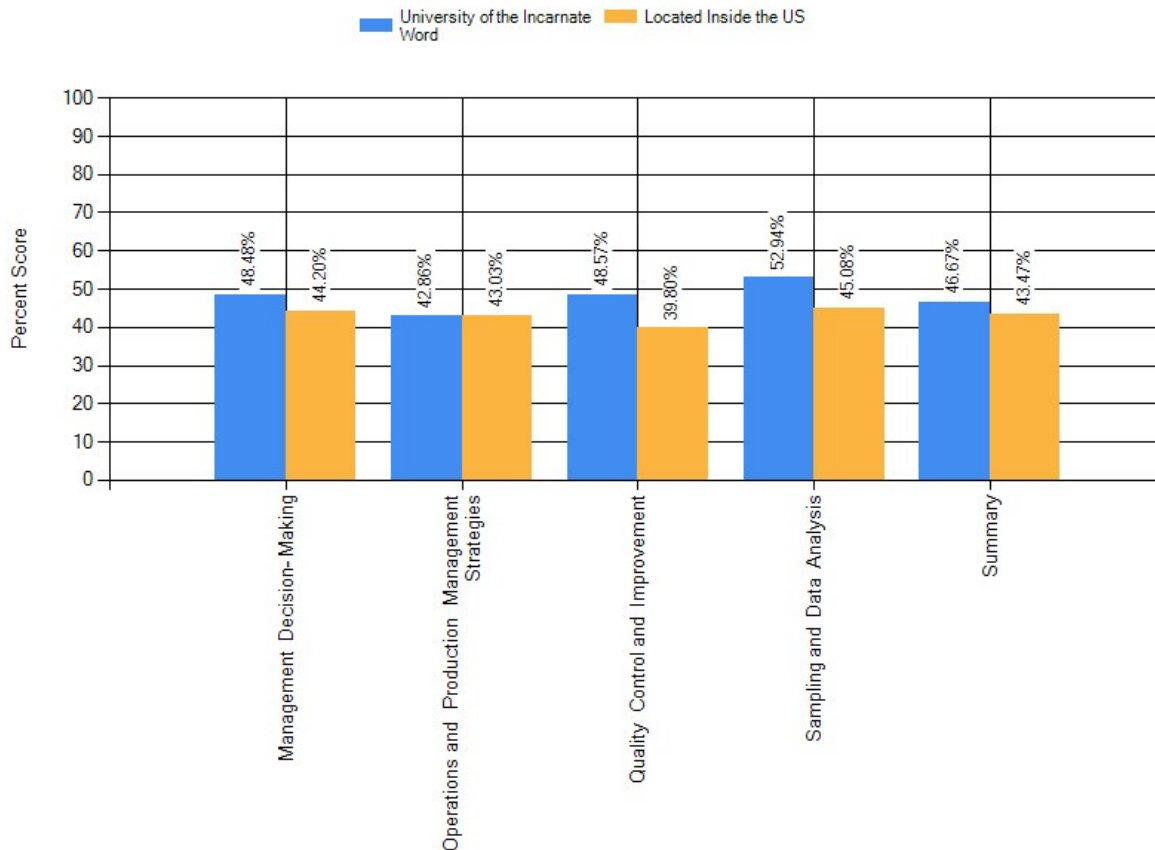
Mean Completion Time for this Topic (mins): Inbound = 2.57

Mean Score: 46.67%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 29.86

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

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



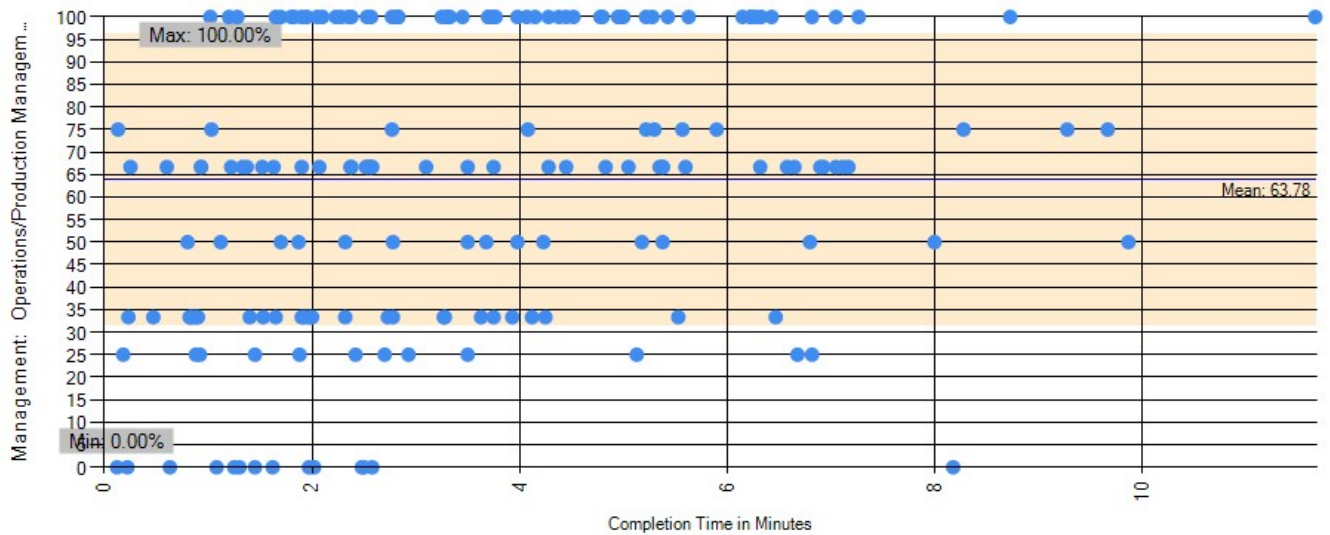
Frequency of Questions Offered on *Inbound Exams*

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
Management Decision-Making	66	48.48%	21171	44.20%	*68	38.10%	43.24%	47.41%	53.61%
Operations and Production Management Strategies	161	42.86%	41332	43.03%	*51	37.50%	41.32%	45.61%	52.00%
Quality Control and Improvement	35	48.57%	10547	39.80%	*85	34.23%	38.24%	43.18%	48.57%
Sampling and Data Analysis	68	52.94%	20443	45.08%	*80	38.46%	44.01%	48.65%	54.76%
Summary	330	46.67%	93493	43.47%	71	38.83%	42.31%	45.36%	50.50%

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 Management: Operations/Production Management Result



Sample Size: 173

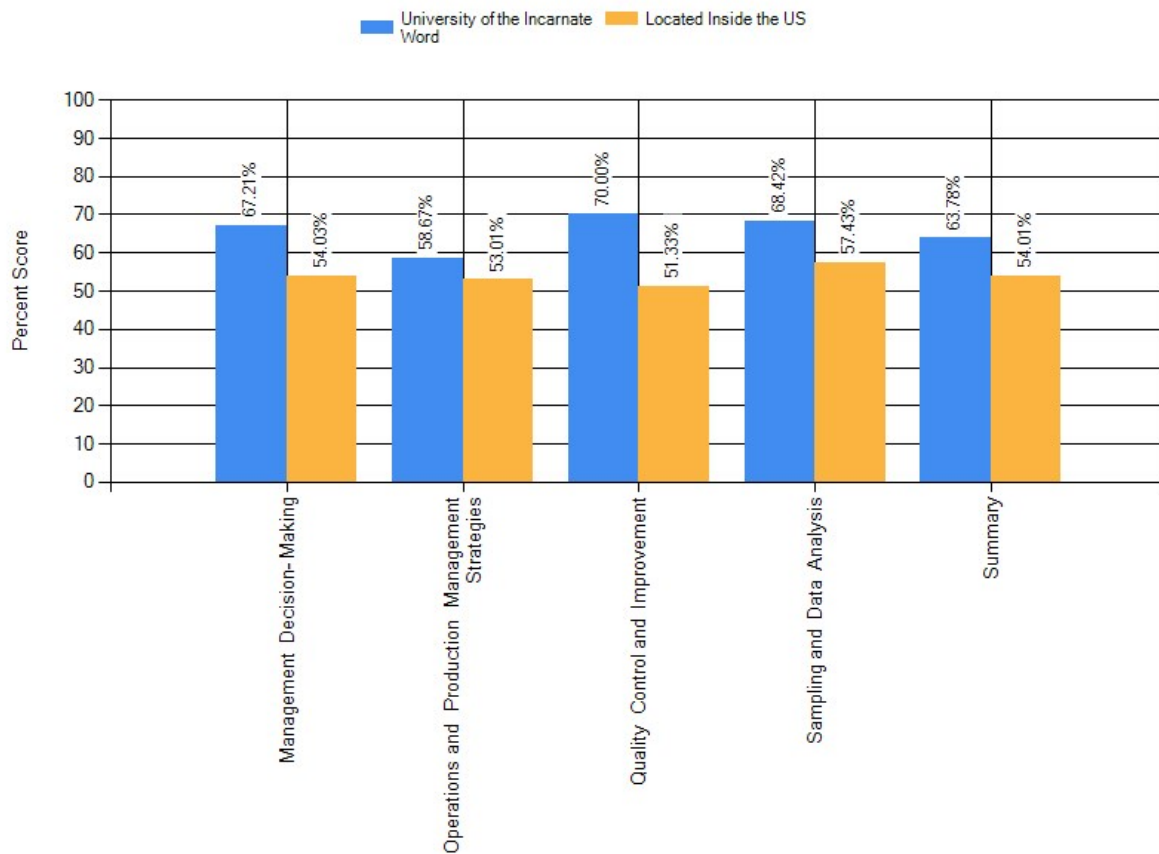
Mean Completion Time for this Topic (mins): Outbound = 3.55

Mean Score: 63.78%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 32.33

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

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

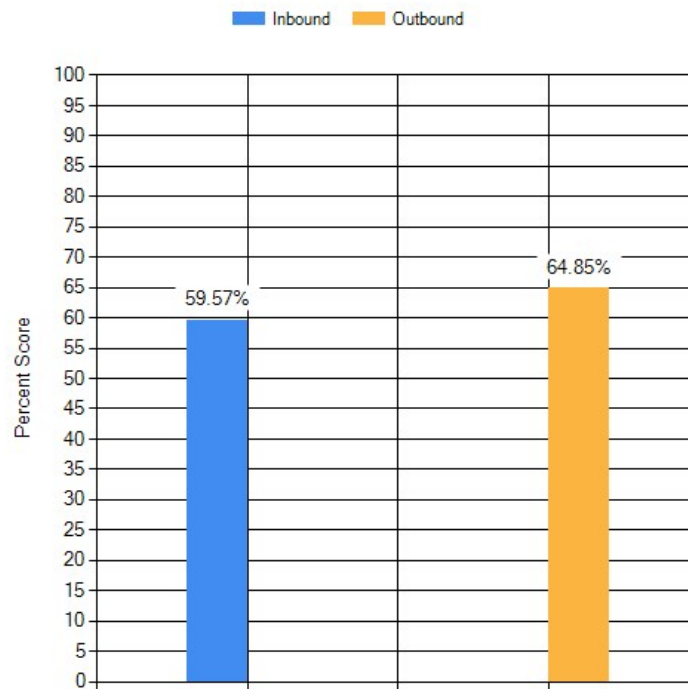


Frequency of Questions Offered on *Outbound Exams*

Management: Operations/Production Management	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Management Decision-Making	122	67.21%	33721	54.03%	*87	46.55%	51.70%	57.89%	65.79%
Operations and Production Management Strategies	271	58.67%	64900	53.01%	*69	46.00%	51.16%	57.24%	63.83%
Quality Control and Improvement	70	70.00%	16449	51.33%	*97	43.31%	50.00%	56.25%	63.64%
Sampling and Data Analysis	114	68.42%	31681	57.43%	*82	48.78%	56.76%	62.79%	70.00%
Summary	577	63.78%	146751	54.01%	84	47.47%	52.60%	57.58%	64.00%

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

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

Management: Organizational Behavior Score Comparison

8.86% Percentage change from Inbound to Outbound

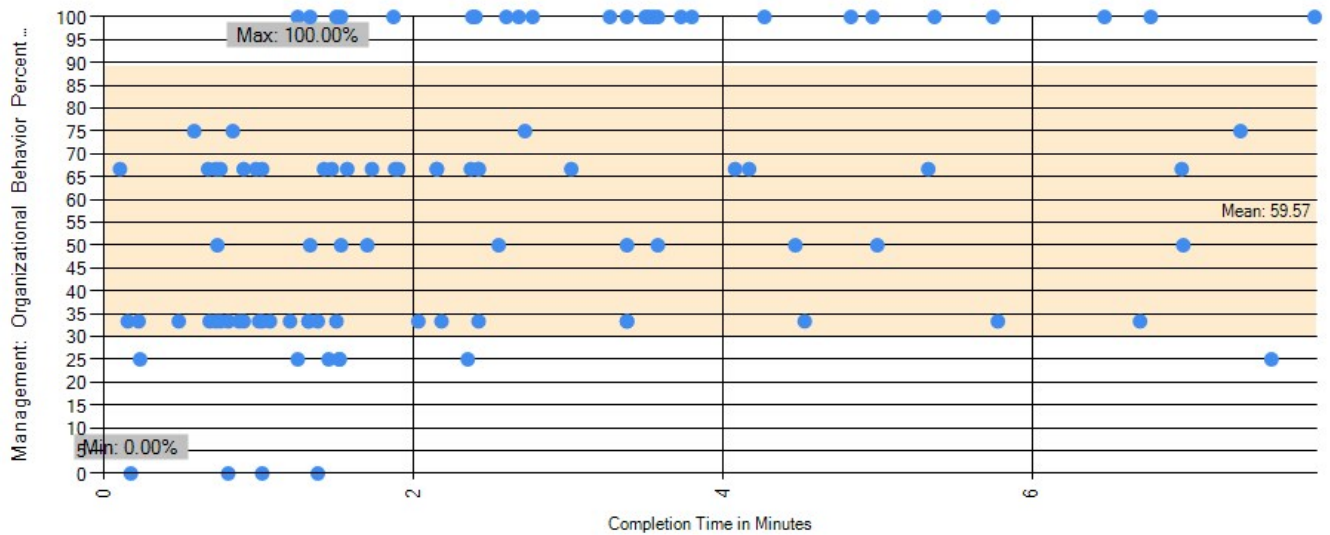
Sample Size: Inbound = 99, Outbound = 173

Mean Completion Time (mins): Inbound = 2.6, Outbound = 3.4

Management: Organizational Behavior Assessment Summary**Assessment Summary Statistics**

<u>Management: Organizational Behavior</u>	<u>Inbound</u>	<u>Outbound</u>
Sample Size	99	173
Mean Score	59.57%	64.85%
Standard Deviation	29.50	29.68
Min Score	0%	0%
Max Score	100%	100%
Median Score	67%	67%
Mode	100%	67%

Inbound Exam Management: Organizational Behavior Result



Sample Size: 99

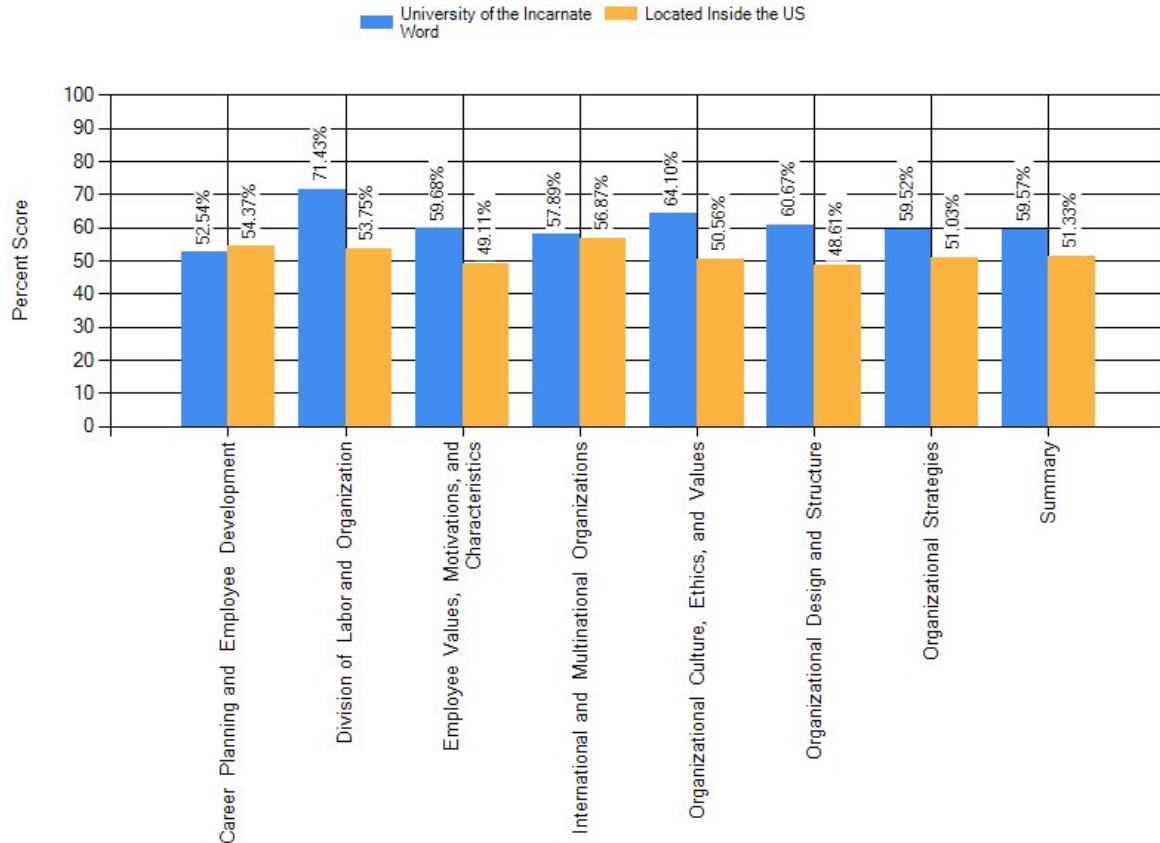
Mean Completion Time for this Topic (mins): Inbound = 2.55

Mean Score: 59.57%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 29.50

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

Management: Organizational Behavior Subject Score Comparison *Inbound Exam*



Frequency of Questions Offered on *Inbound Exams*

Management: Organizational Behavior	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Career Planning and Employee Development	59	52.54%	19465	54.37%	*40	48.65%	52.94%	57.77%	62.16%
Division of Labor and Organization	14	71.43%	4457	53.75%	*96	48.39%	53.33%	56.25%	61.29%
Employee Values, Motivations, and Characteristics	62	59.68%	16866	49.11%	*88	43.24%	47.57%	52.53%	57.89%
International and Multinational Organizations	19	57.89%	5469	56.87%	*55	51.52%	56.25%	59.57%	65.63%
Organizational Culture, Ethics, and Values	39	64.10%	9002	50.56%	*90	43.75%	48.57%	53.13%	60.61%
Organizational Design and Structure	89	60.67%	26500	48.61%	*90	42.43%	47.50%	52.17%	57.89%
Organizational Strategies	42	59.52%	12834	51.03%	*83	44.12%	50.00%	55.28%	60.00%
Summary	324	59.57%	94593	51.33%	89	47.00%	50.00%	53.68%	58.16%

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

* 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: 173

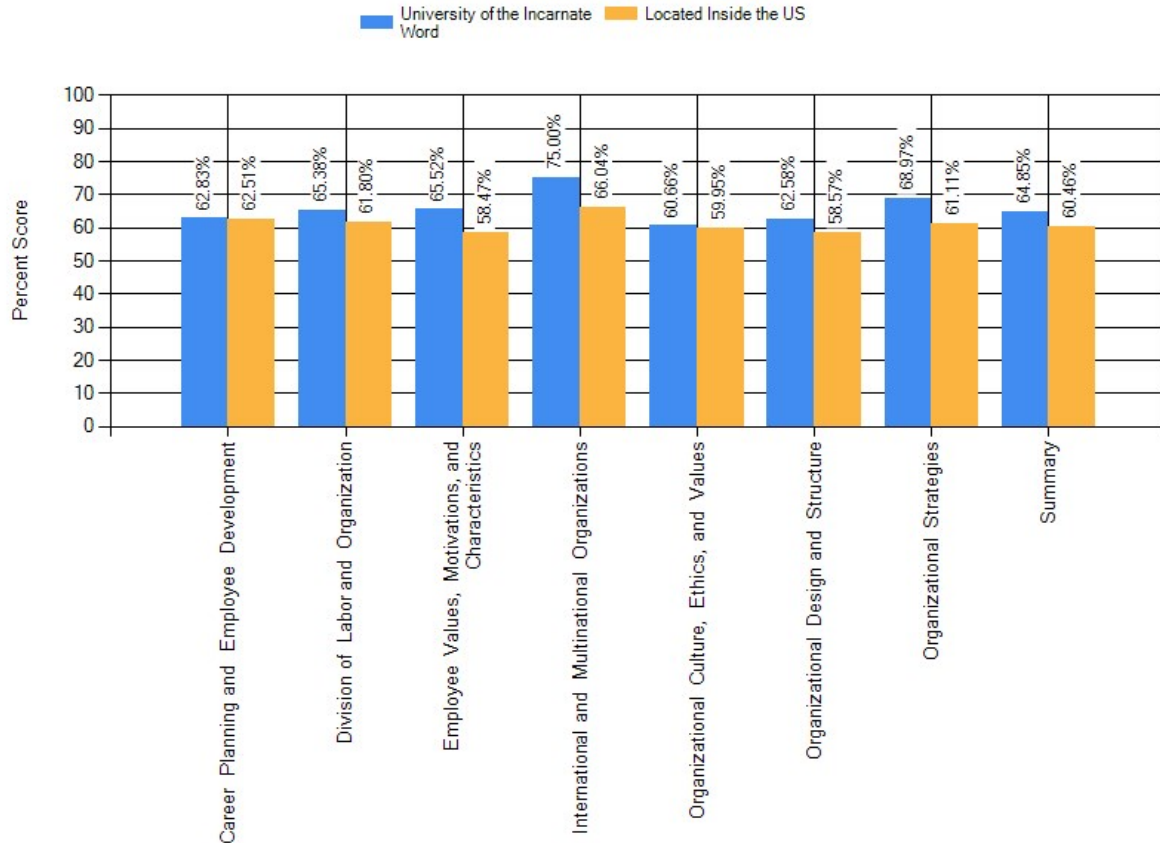
Mean Completion Time for this Topic (mins): Outbound = 3.38

Mean Score: 64.85%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 29.68

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

Management: Organizational Behavior Subject Score Comparison *Outbound Exam*



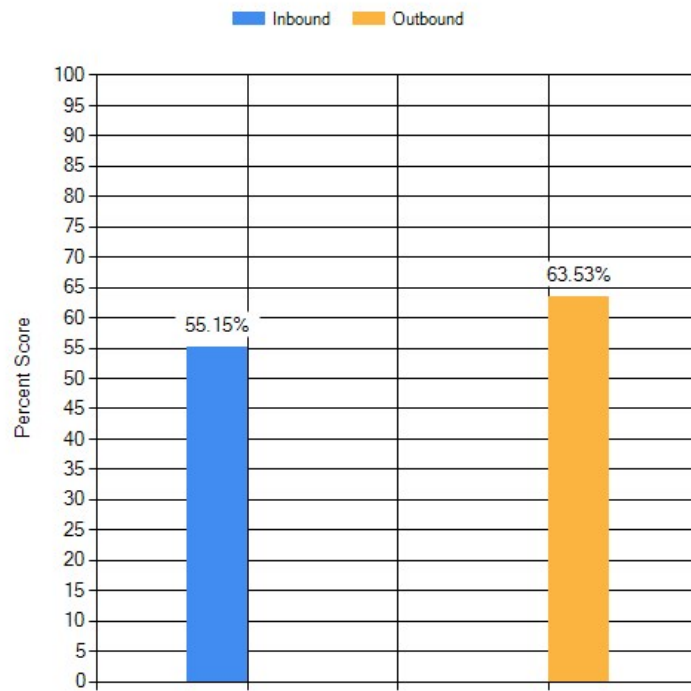
Frequency of Questions Offered on *Outbound Exams*

Management: Organizational Behavior	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Career Planning and Employee Development	113	62.83%	45198	62.51%	*53	56.41%	61.11%	65.79%	72.31%
Division of Labor and Organization	26	65.38%	10199	61.80%	*60	54.84%	61.11%	66.67%	71.88%
Employee Values, Motivations, and Characteristics	87	65.52%	38767	58.47%	*76	51.43%	57.58%	62.50%	68.80%
International and Multinational Organizations	40	75.00%	12875	66.04%	*84	60.00%	65.63%	70.00%	75.68%
Organizational Culture, Ethics, and Values	61	60.66%	21371	59.95%	*52	53.19%	58.82%	63.64%	69.70%
Organizational Design and Structure	155	62.58%	61815	58.57%	*66	52.22%	57.14%	62.16%	68.42%
Organizational Strategies	87	68.97%	29908	61.11%	*80	54.72%	59.63%	64.71%	71.43%
Summary	569	64.85%	220133	60.46%	70	54.90%	59.38%	63.52%	68.74%

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



15.19% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

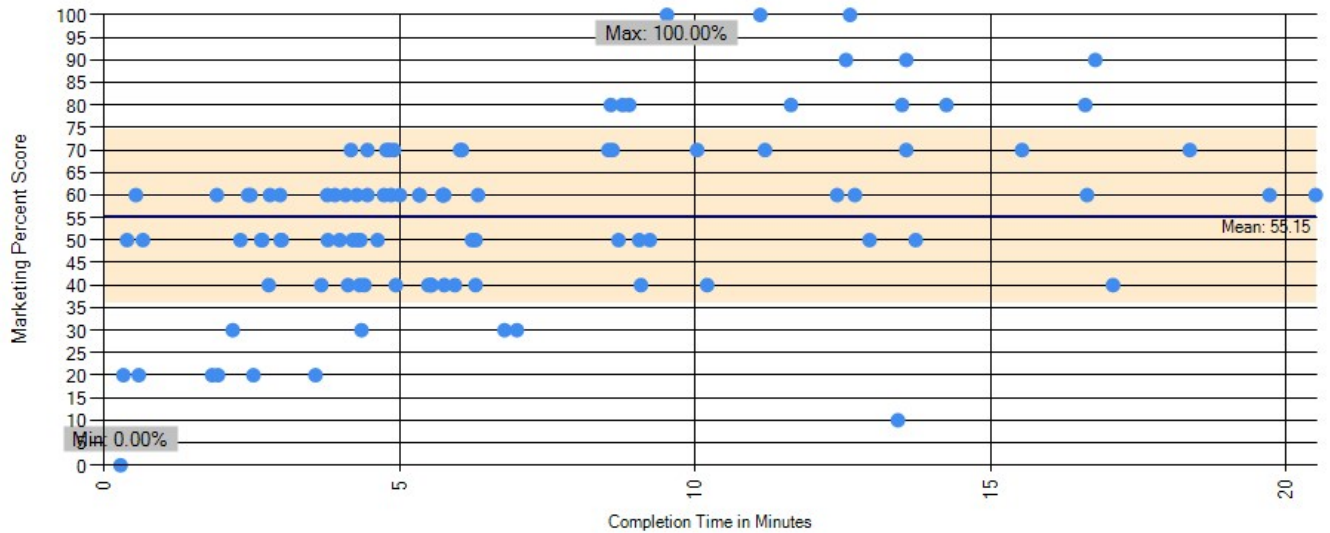
Mean Completion Time (mins): Inbound = 7, Outbound = 9

Marketing Assessment Summary

Assessment Summary Statistics

Marketing	Inbound	Outbound
Sample Size	99	173
Mean Score	55.15%	63.53%
Standard Deviation	19.34	23.12
Min Score	0%	10%
Max Score	100%	100%
Median Score	60%	70%
Mode	60%	70%

Inbound Exam Marketing Result



Sample Size: 99

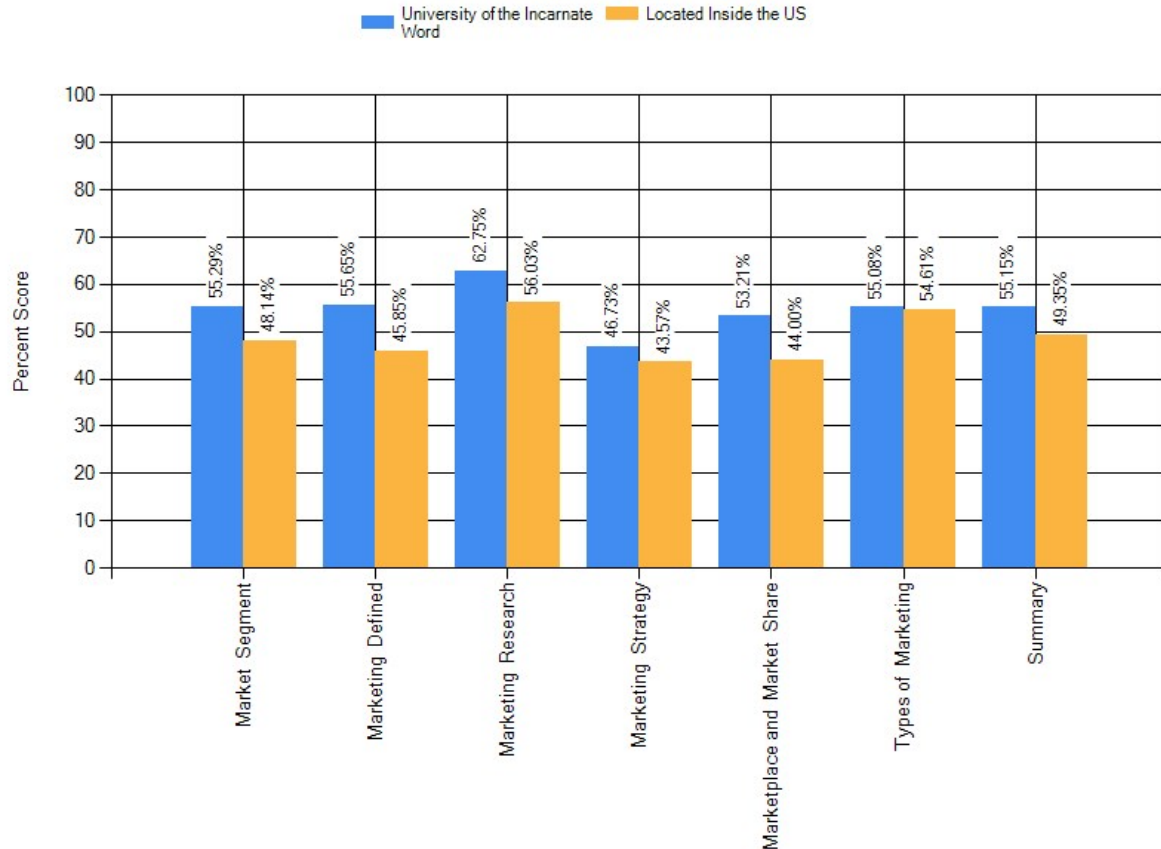
Mean Completion Time for this Topic (mins): Inbound = 6.97

Mean Score: 55.15%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 19.34

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

Marketing Subject Score Comparison *Inbound Exam*

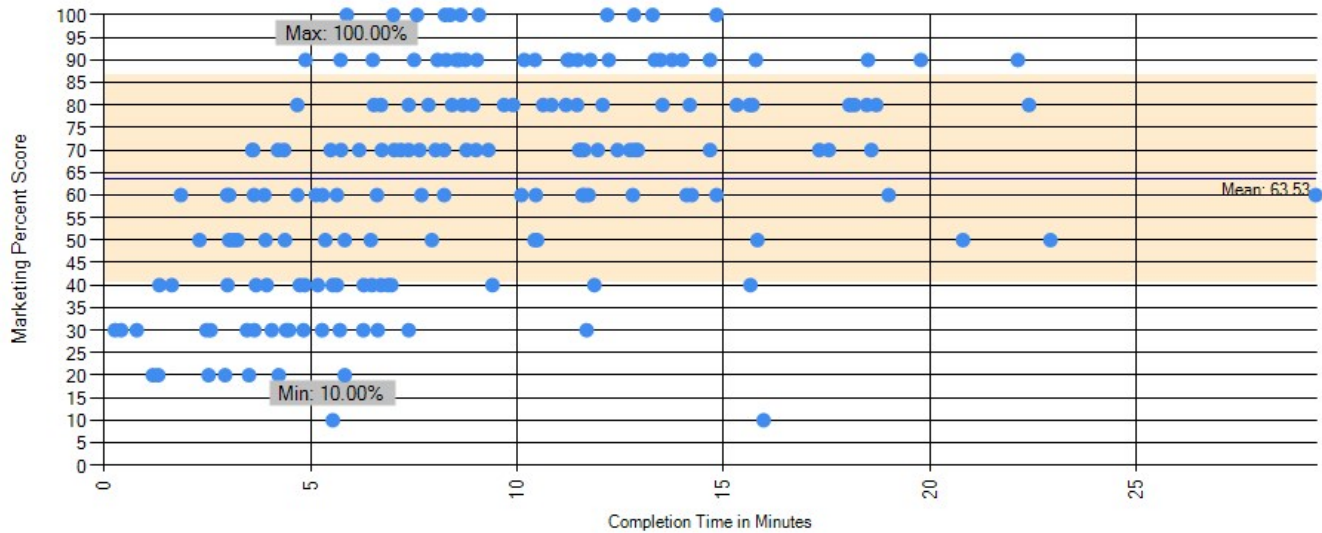


Frequency of Questions Offered on *Inbound Exams*

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
Market Segment	170	55.29%	53473	48.14%	*80	42.59%	47.08%	51.06%	56.76%
Marketing Defined	124	55.65%	39908	45.85%	*87	40.38%	44.90%	48.98%	54.61%
Marketing Research	255	62.75%	86748	56.03%	*81	51.03%	54.76%	59.07%	63.88%
Marketing Strategy	214	46.73%	68542	43.57%	*66	37.84%	42.25%	46.15%	51.45%
Marketplace and Market Share	109	53.21%	34341	44.00%	*86	38.30%	42.77%	46.67%	52.39%
Types of Marketing	118	55.08%	33518	54.61%	*52	48.78%	53.19%	57.55%	63.04%
Summary	990	55.15%	316530	49.35%	87	45.67%	48.33%	51.00%	54.67%

Frequency correct values in this table are rounded for easier display. To see the raw value please select the Excel version of this report.
 * Please note that either the aggregate pool sample and/or school sample for this data set is relatively low for the Percentile Rank calculation.

Outbound Exam Marketing Result



Sample Size: 173

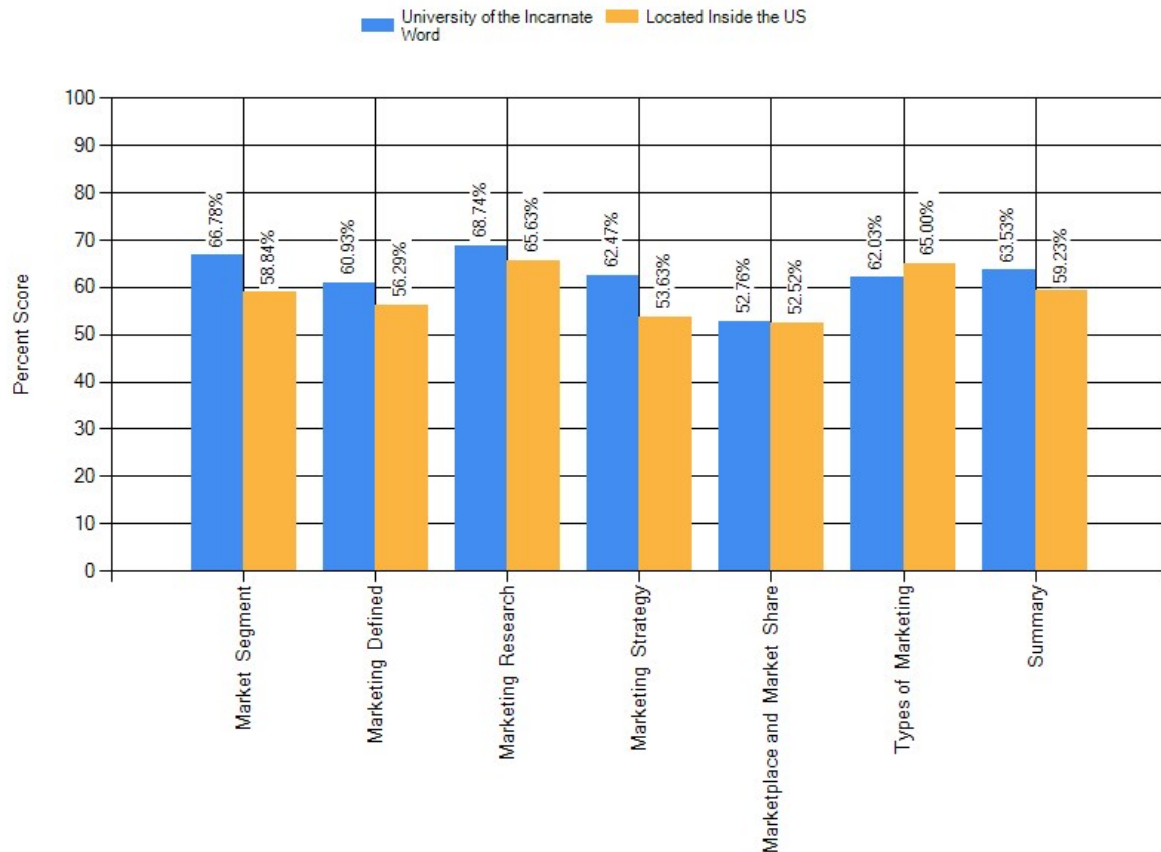
Mean Completion Time for this Topic (mins): Outbound = 9.03

Mean Score: 63.53%, Max Score: 100.00%, Min Score: 10.00%

Standard Deviation: 23.12

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

Marketing Subject Score Comparison *Outbound Exam*



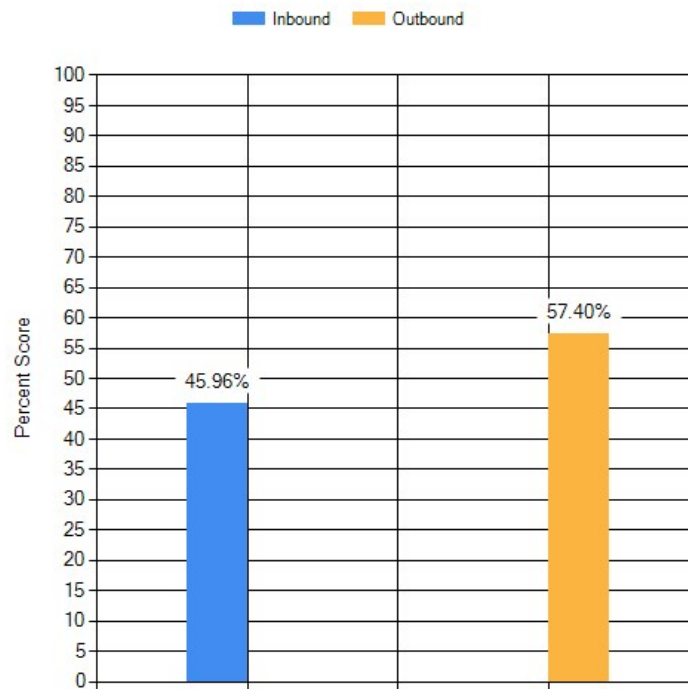
Frequency of Questions Offered on *Outbound Exams*

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
Market Segment	289	66.78%	86303	58.84%	*78	51.43%	57.38%	62.55%	70.00%
Marketing Defined	215	60.93%	65108	56.29%	*67	48.79%	54.72%	60.26%	67.31%
Marketing Research	467	68.74%	140088	65.63%	63	59.55%	64.56%	69.05%	75.29%
Marketing Strategy	373	62.47%	112442	53.63%	80	46.84%	51.81%	57.33%	64.29%
Marketplace and Market Share	199	52.76%	55494	52.52%	*51	45.65%	51.11%	56.41%	62.50%
Types of Marketing	187	62.03%	54858	65.00%	*38	57.78%	63.83%	69.23%	76.19%
Summary	1730	63.53%	514293	59.23%	71	53.67%	57.92%	62.00%	67.92%

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

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

Quantitative Research Techniques and Statistics Score Comparison



24.89% Percentage change from Inbound to Outbound

Sample Size: Inbound = 99, Outbound = 173

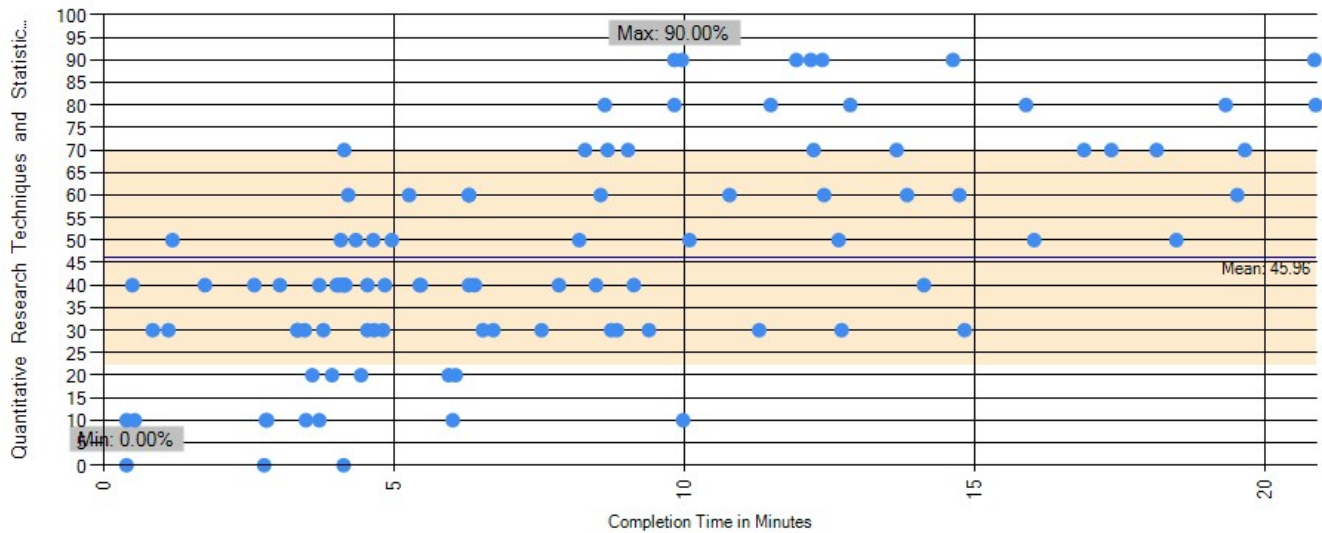
Mean Completion Time (mins): Inbound = 8, Outbound = 10.7

Quantitative Research Techniques and Statistics Assessment Summary

Assessment Summary Statistics

Quantitative Research Techniques and Statistics	Inbound	Outbound
Sample Size	99	173
Mean Score	45.96%	57.40%
Standard Deviation	23.69	23.34
Min Score	0%	0%
Max Score	90%	100%
Median Score	40%	60%
Mode	40%	70%

Inbound Exam Quantitative Research Techniques and Statistics Result



Sample Size: 99

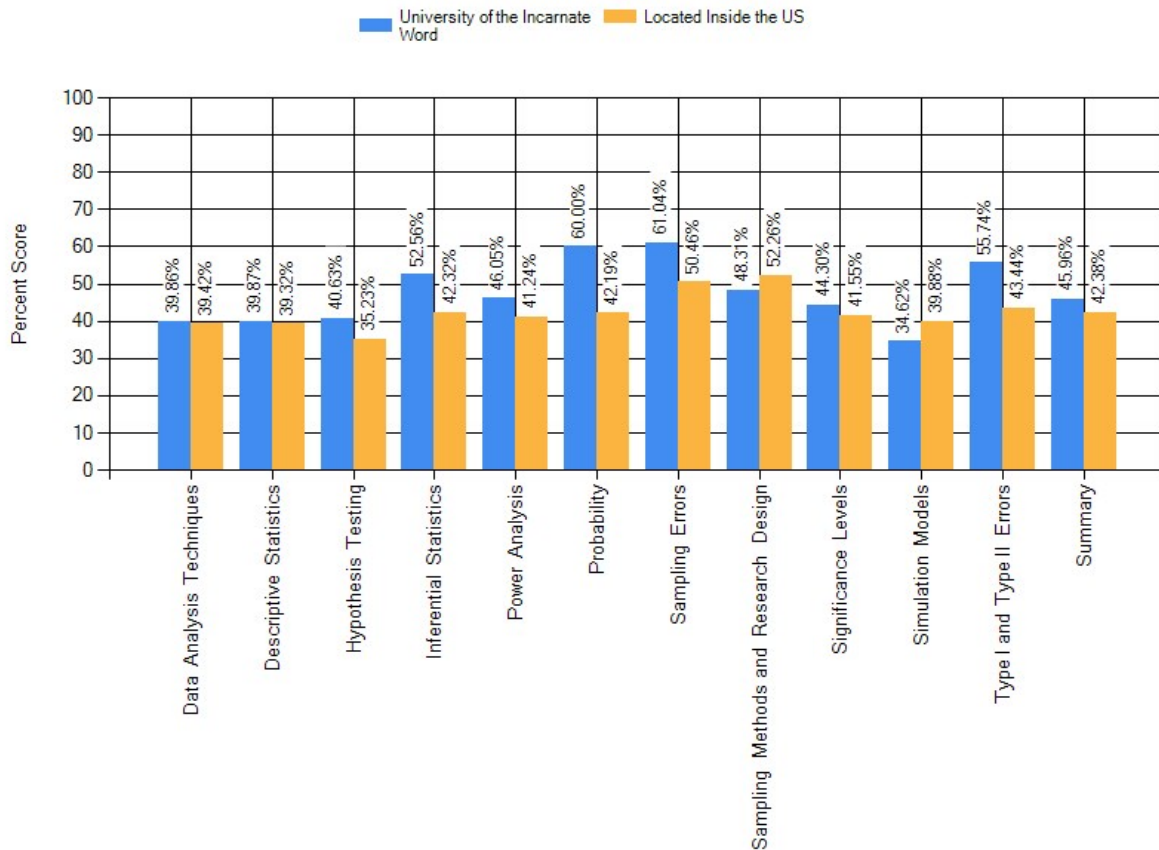
Mean Completion Time for this Topic (mins): Inbound = 7.98

Mean Score: 45.96%, Max Score: 90.00%, Min Score: 0.00%

Standard Deviation: 23.69

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

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



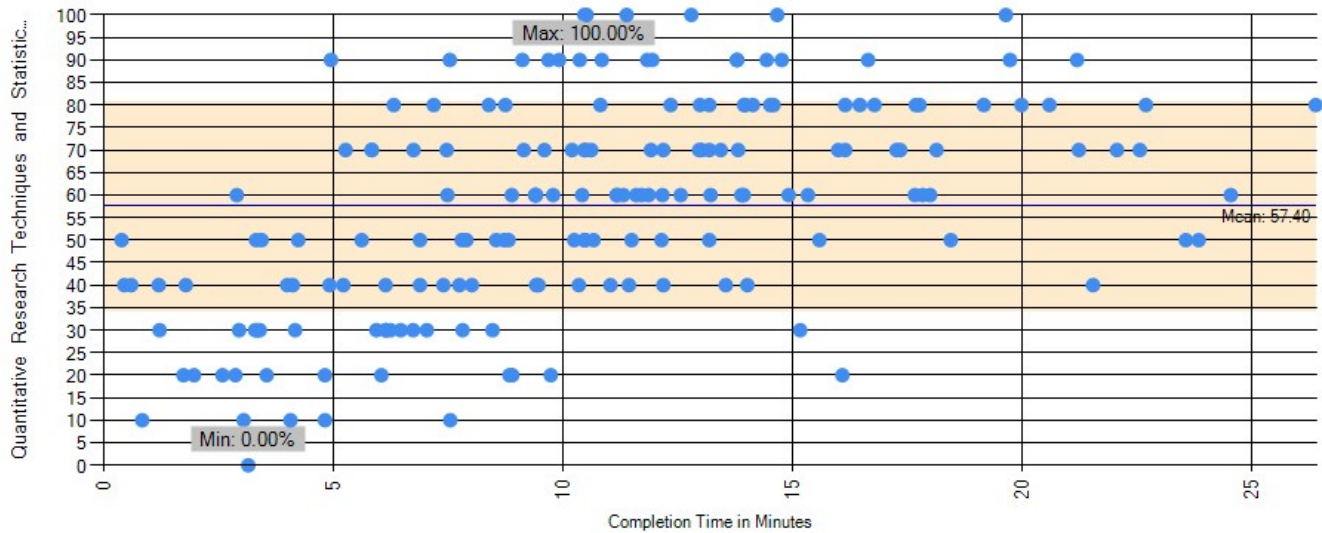
Frequency of Questions Offered on *Inbound Exams*

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
Data Analysis Techniques	143	39.86%	27047	39.42%	*57	32.76%	37.29%	41.82%	48.24%
Descriptive Statistics	153	39.87%	22286	39.32%	*54	32.76%	38.02%	42.31%	48.12%
Hypothesis Testing	96	40.63%	12040	35.23%	*72	28.89%	33.33%	38.01%	45.24%
Inferential Statistics	78	52.56%	12615	42.32%	*85	35.29%	40.00%	46.15%	52.50%
Power Analysis	76	46.05%	11909	41.24%	*71	34.21%	39.02%	44.19%	52.27%
Probability	60	60.00%	10839	42.19%	*94	34.25%	39.52%	45.24%	52.89%
Sampling Errors	77	61.04%	13593	50.46%	*88	43.90%	50.00%	53.89%	59.56%
Sampling Methods and Research Design	89	48.31%	16007	52.26%	*37	45.65%	50.00%	55.81%	62.89%
Significance Levels	79	44.30%	14723	41.55%	*63	34.88%	39.47%	44.74%	51.13%
Simulation Models	78	34.62%	12177	39.88%	*25	34.29%	39.53%	42.86%	48.72%
Type I and Type II Errors	61	55.74%	11111	43.44%	*89	35.95%	41.03%	45.95%	53.71%
Summary	990	45.96%	164347	42.38%	77	38.12%	40.79%	43.48%	47.94%

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: 173

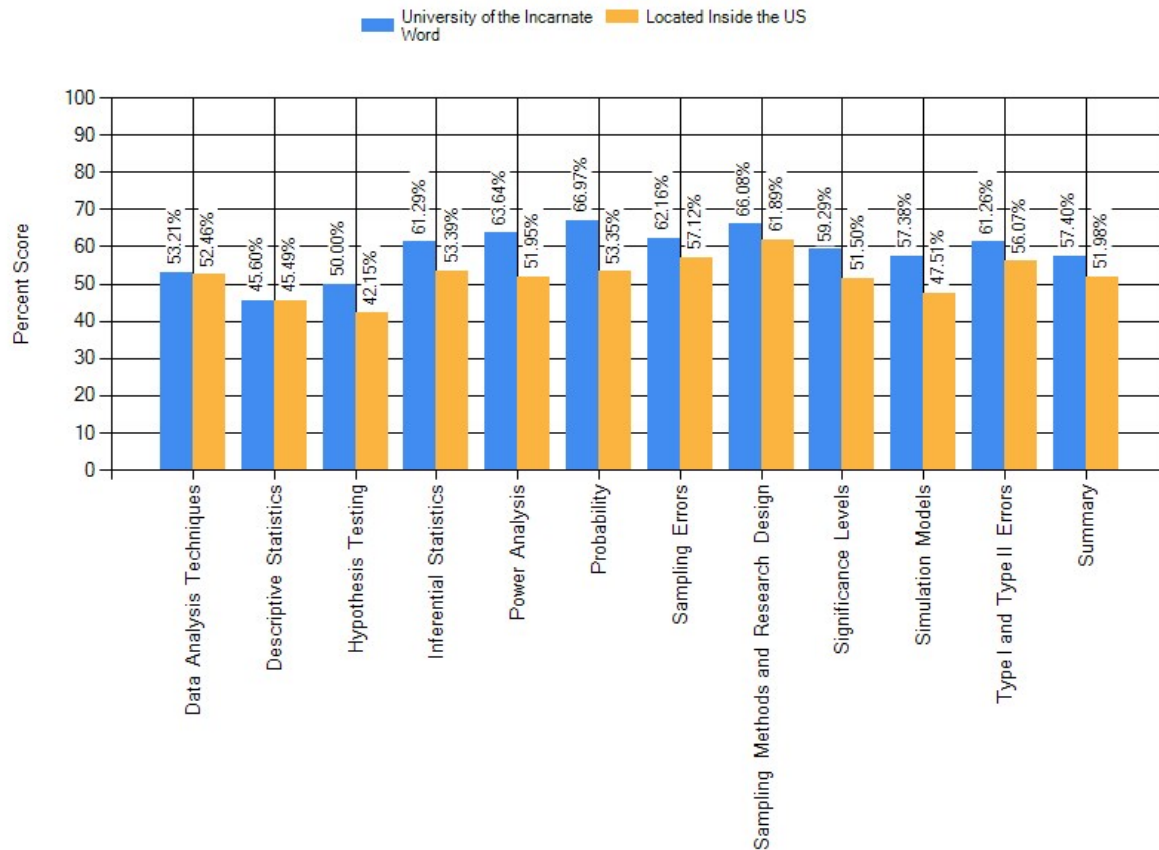
Mean Completion Time for this Topic (mins): Outbound = 10.68

Mean Score: 57.40%, Max Score: 100.00%, Min Score: 0.00%

Standard Deviation: 23.34

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

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



Frequency of Questions Offered on *Outbound Exams*

Quantitative Research Techniques and Statistics	Results for This Report's Dataset		Averages for the Selected Aggregate Pool		Percentile Rank for This Report's Dataset	Required Scores for Identified Percentiles Based on the Selected Aggregate Pool			
	Num Questions Offered	Frequency Correct	Num Questions Offered	Frequency Correct		25th	45th	65th	85th
Data Analysis Techniques	312	53.21%	58159	52.46%	53	44.44%	50.85%	57.24%	64.52%
Descriptive Statistics	250	45.60%	47738	45.49%	*52	38.78%	43.14%	49.02%	55.77%
Hypothesis Testing	122	50.00%	25870	42.15%	*78	34.88%	40.00%	45.95%	53.66%
Inferential Statistics	124	61.29%	26901	53.39%	*73	45.00%	51.16%	57.89%	65.99%
Power Analysis	121	63.64%	25007	51.95%	*83	44.06%	51.15%	56.41%	64.10%
Probability	109	66.97%	23082	53.35%	*87	44.44%	51.35%	58.83%	66.67%
Sampling Errors	148	62.16%	29324	57.12%	*68	50.00%	55.95%	61.36%	68.29%
Sampling Methods and Research Design	171	66.08%	34784	61.89%	*65	54.55%	60.95%	65.96%	72.94%
Significance Levels	140	59.29%	31460	51.50%	*72	43.18%	50.00%	56.45%	64.10%
Simulation Models	122	57.38%	26042	47.51%	*84	40.00%	45.95%	51.28%	57.89%
Type I and Type II Errors	111	61.26%	24392	56.07%	*60	46.34%	55.56%	62.16%	69.23%
Summary	1730	57.4%	352759	51.98%	72	45.29%	50.63%	55.67%	61.10%

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.

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 is 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.

<u>Exam Score</u>	<u>Relative Interpretation of Student Competency</u>
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: $(\text{Number of Questions Correct} / \text{Number of Questions Offered}) * 100$. 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: $(\text{Outbound Score} / \text{Inbound Score}) - 1$.

Percentage Difference. The percentage difference between a school's outbound student results and the aggregate, calculated using the following formula: $\text{Aggregate Score} - \text{School Score}$.

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: $((\text{NumValuesLessThanScore} + (0.5 * \text{NumValuesEqualScore})) / \text{TotalNumValues}) * 100$. 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 of 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.