

# **M.S. in Logistics and Supply Chain Management Student Achievement Data**

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Stakeholders: Alumni, Current Students, Future Students, Industry

## **Metric 1 – Peregrine External Exam Results**

**Stakeholders: Current Students, Future  
Students, and Faculty**



**PEREGRINE**

— GLOBAL SERVICES —

**ACADEMIC SERVICES**

## Longitudinal Analysis Report

Embry-Riddle Aeronautical University - Worldwide Campus

Time Span 1: 8/1/2017 - 7/31/2018

Total Tests = 13

Outbound = 13

Time Span 2: 8/1/2018 - 7/31/2019

Total Tests = 115

Outbound = 115

Time Span 3: 8/1/2019 - 7/31/2020

Total Tests = 106

Outbound = 106

Time Span 4: 8/1/2020 - 7/31/2021

Total Tests = 114

Outbound = 114

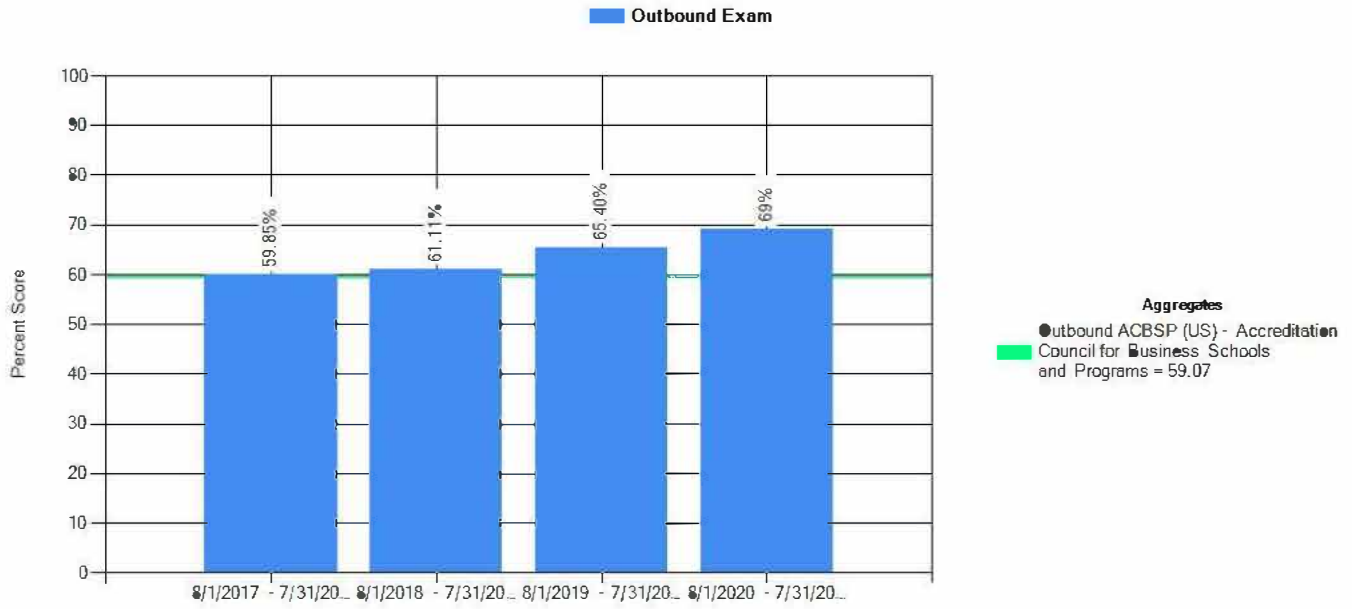
Total n = 348 tests.

Academic Level: Masters

Aggregate: ACBSP (US) - Accreditation Council for Business Schools and Programs  
Course

Outbound: LGMT 691 Logistics and Supply Chain Management (LSCM) Capstone

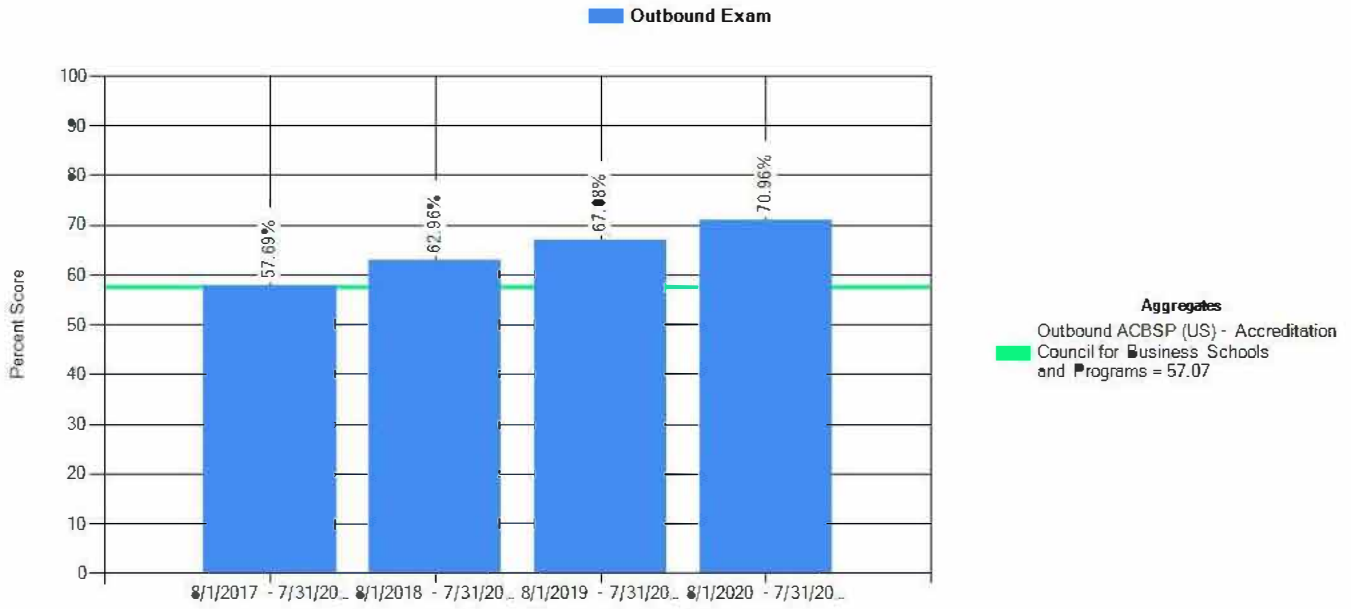
### Longitudinal Comparison: **Total**



Longitudinal Comparison: Total

Date Range	Counts
8/1/2017 - 7/31/2018	13
8/1/2018 - 7/31/2019	115
8/1/2019 - 7/31/2020	106
8/1/2020 - 7/31/2021	114

## Longitudinal Comparison: **Management: Operations/Production Management**



### Longitudinal Comparison: **Management: Operations/Production Management**

Date Range	Counts
8/1/2017 - 7/31/2018	13
8/1/2018 - 7/31/2019	115
8/1/2019 - 7/31/2020	106
8/1/2020 - 7/31/2021	114

## **Metric 2 – Alumni Placement**

**Stakeholders: Alumni, Current Students,  
Future Students, Industry**

**Embry-Riddle Aeronautical University**  
**Alumni Placement Rates**  
**One Year After Graduation**  
**Worldwide Campus - Graduate Degrees**

Year of Graduation	2015	2016	2017	2018	2019
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**COLLEGE OF ARTS & SCIENCES**

<b>Human Security &amp; Resilience (M)</b>	*	*	(3)	(4)	(4)
Effective Placement Rate			66.7% **	100.0% **	100.0% **
Employment Rate			66.7% **	100.0% **	75.0% **
Continuing Education Rate			0.0% **	0.0% **	25.0% **
<b>Cybersecurity Management &amp; Policy (M)</b>	*	*	*	(14)	(6)
Effective Placement Rate				92.9% **	100.0% **
Employment Rate				92.9% **	100.0% **
Continuing Education Rate				0.0% **	0.0% **

**COLLEGE OF AERONAUTICS**

<b>Aeronautical Science / Aeronautics (M)</b>	(182)	(161)	(157)	(146)	(126)
Effective Placement Rate	96.2%	97.5%	95.5% **	93.2% **	96.0% **
Employment Rate	96.2%	96.9%	94.3% **	91.8% **	93.7% **
Continuing Education Rate	0.0%	0.6%	1.3% **	1.4% **	2.4% **
<b>Aviation (D)</b>	*	(3)	(5)	(4)	*
Effective Placement Rate		100.0%	80.0% **	100.0% **	
Employment Rate		100.0%	80.0% **	100.0% **	
Continuing Education Rate		0.0%	0.0% **	0.0% **	
<b>Aviation Maintenance (M)</b>	*	*	*	*	(9)
Effective Placement Rate					100.0% **
Employment Rate					100.0% **
Continuing Education Rate					0.0% **
<b>Human Factors (M)</b>	*	*	(4)	(14)	(7)
Effective Placement Rate			100.0% **	100.0% **	85.7% **
Employment Rate			75.0% **	100.0% **	85.7% **
Continuing Education Rate			25.0% **	0.0% **	0.0% **
<b>Occupational Safety Management (M)</b>	(15)	(15)	(21)	(11)	(12)
Effective Placement Rate	100.0%	100.0%	81.0% **	81.8% **	83.3% **
Employment Rate	100.0%	100.0%	81.0% **	81.8% **	83.3% **
Continuing Education Rate	0.0%	0.0%	0.0% **	0.0% **	0.0% **
<b>Space Education (M)</b>	*	*	*	*	*
Effective Placement Rate					
Employment Rate					
Continuing Education Rate					

Notes:

- ( ) Number of Respondents

- The effective placement rate consists of the employment rate (working full-time, part-time, military) plus the continuing education rate (out of the work force due to continuing education).

\* Too few respondents to report

\*\* A significant change to the survey instructions was implemented beginning with the Class of 2017:

- Degree completion dates were piped into the survey, and respondents asked to provide their employment status exactly one year post-graduation. This change allows for more accurate calculation of one year placement and employment rates. Exercise caution when making cohort comparisons.

- A significant change to the University's rate calculations was implemented with the Class of 2017. Previously removed, alumni indicating "out of the workforce due to other reasons" are now included in all calculations and are labeled as "Not Seeking." This change aligns the University's placement and employment rates with the standards proposed by the National Association of Colleges and Employers (NACE). This new calculation will necessarily result in lower rates than the previous formula, but ERAU rates will be more comparable to those reported by institutions adhering to the NACE standards.

SOURCE: Worldwide Alumni Survey: One Year After Graduation. Institutional Research.

<b>Systems Engineering (M)</b>	<b>(12)</b>	<b>(9)</b>	<b>(10)</b>	<b>(5)</b>	<b>(3)</b>
Effective Placement Rate	100.0%	100.0%	100.0% **	100.0% **	100.0% **
Employment Rate	100.0%	100.0%	100.0% **	100.0% **	100.0% **
Continuing Education Rate	0.0%	0.0%	0.0% **	0.0% **	0.0% **
<b>Unmanned Systems (M)</b>	*	<b>(6)</b>	<b>(20)</b>	<b>(13)</b>	<b>(18)</b>
Effective Placement Rate		100.0%	100.0% **	92.3% **	94.4% **
Employment Rate		100.0%	100.0% **	84.6% **	94.4% **
Continuing Education Rate		0.0%	0.0% **	7.7% **	0.0% **
<b>COLLEGE OF BUSINESS</b>					
<b>Business Administration in Aviation (M)</b>	<b>(69)</b>	<b>(75)</b>	<b>(77)</b>	<b>(62)</b>	<b>(78)</b>
Effective Placement Rate	98.6%	98.7%	93.5% **	96.8% **	92.3% **
Employment Rate	97.1%	98.7%	93.5% **	96.8% **	91.1% **
Continuing Education Rate	1.4%	0.0%	0.0% **	0.0% **	1.3% **
<b>Engineering Management (M)</b>	<b>(5)</b>	<b>(11)</b>	<b>(22)</b>	<b>(19)</b>	<b>(21)</b>
Effective Placement Rate	100.0%	100.0%	100.0% **	89.5% **	100.0% **
Employment Rate	100.0%	100.0%	100.0% **	89.5% **	100.0% **
Continuing Education Rate	0.0%	0.0%	0.0% **	0.0% **	0.0% **
<b>Information Security &amp; Assurance (M)</b>	*	*	<b>(6)</b>	<b>(9)</b>	<b>(6)</b>
Effective Placement Rate			100.0% **	100.0% **	83.3% **
Employment Rate			100.0% **	100.0% **	86.3% **
Continuing Education Rate			0.0% **	0.0% **	0.0% **
<b>Leadership (M)</b>	<b>(21)</b>	<b>(23)</b>	<b>(19)</b>	<b>(21)</b>	<b>(17)</b>
Effective Placement Rate	95.2%	95.7%	94.7% **	95.2% **	82.4% **
Employment Rate	95.2%	87.0%	89.5% **	95.2% **	82.4% **
Continuing Education Rate	0.0%	8.7%	5.3% **	0.0% **	0.0% **
<b>Logistics &amp; Supply Chain Management (M)</b>	<b>(19)</b>	<b>(38)</b>	<b>(45)</b>	<b>(37)</b>	<b>(34)</b>
Effective Placement Rate	94.7%	94.7%	95.6% **	91.9% **	91.2% **
Employment Rate	94.7%	94.7%	88.9% **	91.9% **	91.2% **
Continuing Education Rate	0.0%	0.0%	6.7% **	0.0% **	0.0% **
<b>Management (M)</b>	<b>(30)</b>	<b>(40)</b>	<b>(55)</b>	<b>(47)</b>	<b>(32)</b>
Effective Placement Rate	100.0%	97.5%	96.4% **	95.7% **	90.6% **
Employment Rate	100.0%	97.5%	96.4% **	95.7% **	90.6% **
Continuing Education Rate	0.0%	0.0%	0.0% **	0.0% **	0.0% **
<b>Management Information Systems (M)</b>	*	*	*	<b>(5)</b>	<b>(7)</b>
Effective Placement Rate				80.0% **	100.0% **
Employment Rate				80.0% **	100.0% **
Continuing Education Rate				0.0% **	0.0% **
<b>Project Management (M)</b>	<b>(39)</b>	<b>(55)</b>	<b>(37)</b>	<b>(28)</b>	<b>(47)</b>
Effective Placement Rate	100.0%	96.4%	94.6% **	89.3% **	91.5% **
Employment Rate	97.4%	94.5%	94.9% **	89.3% **	91.5% **
Continuing Education Rate	2.6%	1.8%	2.7% **	0.0% **	0.0% **

Notes:

- ( ) Number of Respondents
- The effective placement rate consists of the employment rate (working full-time, part-time, military) plus the continuing education rate (out of the work force due to continuing education).

\* Too few respondents to report

\*\* A significant change to the survey instructions was implemented beginning with the Class of 2017:

- Degree completion dates were piped into the survey, and respondents asked to provide their employment status exactly one year post-graduation. This change allows for more accurate calculation of one year placement and employment rates. Exercise caution when making cohort comparisons.

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SOURCE: Worldwide Alumni Survey: One Year After Graduation. Institutional Research.



**Metric 3 – Program Outcome Skills  
Preparedness**

**Stakeholders: Alumni, Current Students,  
Future Students, Industry**

**Program-specific Skills: ERAU's preparation  
MS Logistics and Supply Chain Management - Worldwide**

	M	n	Very High Preparation		High Preparation		Little Preparation		Very Little Preparation	
			#	%	#	%	#	%	#	%
Author research papers in the appropriate scientific style	3.3	17	6	35.3%	10	58.8%	1	5.9%	0	0.0%
Evaluate different modeling approaches to solve problems for effective decision making	3.4	17	6	35.3%	11	64.7%	0	0.0%	0	0.0%
Design solutions for domestic and global transportation problems	3.2	17	5	29.4%	10	58.8%	2	11.8%	0	0.0%
Choose appropriate inventory management methods to optimize inventory across the supply chain	3.2	17	4	23.5%	13	76.5%	0	0.0%	0	0.0%
Recommend information technology solutions for different business needs	2.7	17	1	5.9%	10	58.8%	6	35.3%	0	0.0%
Analyze an organization's warehousing and distribution needs, recommend solutions for effective and efficient distribution operations	2.9	17	4	23.5%	8	47.1%	5	29.4%	0	0.0%
Select purchasing policies, procedures in different business settings	2.8	17	3	17.6%	8	47.1%	6	35.3%	0	0.0%
Utilize appropriate metrics to track the performance of the supply chain	2.9	17	2	11.8%	12	70.6%	3	17.6%	0	0.0%
Effectively communicate information (in oral and written forms)	3.2	17	5	29.4%	10	58.8%	2	11.8%	0	0.0%

*SOURCE: 2020 Worldwide Alumni Survey: One Year after Graduation. Class of 2018. (4-Very High Preparation, 3-High Preparation, 2-Little Preparation, 1-Very Little Preparation). Institutional Research (2020).*