## Class of 2018 Initial Career Outcomes Summary

<table>
<thead>
<tr>
<th></th>
<th>Class of 2018</th>
<th>Class of 2017</th>
<th>Class of 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge rate*</td>
<td>78%</td>
<td>64%</td>
<td>80%</td>
</tr>
<tr>
<td>Career Outcomes Rate (% placed)**</td>
<td>80%</td>
<td>81%</td>
<td>88%</td>
</tr>
</tbody>
</table>

*The Knowledge Rate reflects the percentage of graduates for which reasonable and verifiable data on post-graduation initial career activities was obtained. Data collection begins with a spring online survey at June graduation and continues throughout the following six months with the collection of any missing data as well as the updating of any known changes in graduates' information via other verifiable sources, such as direct outreach to graduates and LinkedIn profiles. Data shown reflect initial statistics from the June graduation survey and updated statistics gathered through 6 months. The knowledge rate only takes into account surveyed students who completed graduation requirements. See next slide for further details.

**Reflects students who have a job, students entering active military duty, students pursuing additional undergraduate coursework, students attending graduate/professional school, students engaged in volunteer service, and students still seeking employment or further education (n=271). Does not include students who are not seeking placement (n=1) and surveyed students who have not completed graduation requirements (n=41). Nonrespondents also not reflected.
Beginning with the Class of 2017, there was an updated methodology for career outcomes reporting and determining the knowledge rate, which aligns more closely with the first-destination standards/protocols of the National Association of Colleges and Employers (NACE).

The online June graduation survey was initially sent to 348 students. In December 2018 the survey was re-sent to students who did not initially complete the survey, those who partially completed it, and anyone who was seeking employment at the time they completed the June survey. Following the additional data collection, a total of 313 student records had been collected. This list of 313 student records was compared against the list of 348 confirmed bachelor’s degree completers for the period of July 1, 2017, to June 30, 2018 (i.e., the Class of 2018 per NACE guidelines). Of the 313 collected student records, 272 were confirmed as belonging to Class of 2018 degree completers*. This represents a 78% knowledge rate (i.e., verifiable data was obtained on 272 of 348 degree completers). This exceeds NACE’s minimum recommended knowledge rate (65%).

*Any remaining student records either belong to students yet to complete their degrees or to students who had previously completed their degrees (e.g., Class of 2017).
### Class of 2018 Quick Facts

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge Rate*:</td>
<td>78%</td>
</tr>
<tr>
<td>Career Outcomes Rate (% placed)**:</td>
<td>80%</td>
</tr>
<tr>
<td>Job placement within field of study (related or somewhat related):</td>
<td>96%</td>
</tr>
<tr>
<td>Percent of jobs that are full-time:</td>
<td>93%</td>
</tr>
<tr>
<td>Percent of jobs that are permanent:</td>
<td>87%</td>
</tr>
<tr>
<td>Annual full-time salary $50k or higher:</td>
<td>81%</td>
</tr>
<tr>
<td>Number of students entering armed services:</td>
<td>12</td>
</tr>
<tr>
<td>Number of students continuing education:</td>
<td>4</td>
</tr>
<tr>
<td>Number of students engaged in volunteer service:</td>
<td>1</td>
</tr>
</tbody>
</table>

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*The Knowledge Rate reflects the percentage of surveyed graduates for which reasonable and verifiable data on post-graduation initial career activities was obtained.

**Reflects students who have a job, students entering active military duty, students pursuing additional undergraduate coursework, students attending graduate school, students engaged in volunteer service, and students still seeking employment or further education (n=271). Does not reflect students who are not seeking placement (n=1) and surveyed students who have not completed graduation requirements (n=41). Nonrespondents also not reflected.

Note that job and salary statistics shown are based on employed graduates only. Totals in this report may not equal 100% due to rounding.
Total Degree Completers = 348
Total with Collected Verified Outcomes Data = 272
Knowledge Rate = 78%

Note that nonrespondents are not reflected in any of the statistics that follow.
Class of 2018 Initial Career Outcomes

n=272. Note that Career Outcomes Status reflects all possible placement statuses after graduation, including those placed (e.g., in employment, military or volunteer service, or further schooling), not placed (i.e., still seeking employment or further schooling), and not seeking placement. The specific military branches of students entering active duty service are as follows: Air Force (n=0), Army (n=4), Coast Guard (n=2), Marines (n=4) and Navy (n=2). The specific graduate or professional schools of graduates furthering their education are MMA, Shanghai Maritime University and University of Michigan.
Class of 2018 Initial Career Outcomes

CAREER OUTCOMES STATUS BY PRIMARY PROGRAM

- **Emergency Management (28)**
  - Employment: 61%
  - Planning to Continue Education: 4%
  - Active Duty Military: 7%
  - Volunteer Service: 11%
  - Not Seeking Placement: 4%
  - Not Placed: 14%

- **Energy Systems Engineering (9)**
  - Employment: 100%
  - Planning to Continue Education: 2%
  - Active Duty Military: 2%
  - Volunteer Service: 2%
  - Not Seeking Placement: 2%

- **Facilities Engineering (41)**
  - Employment: 93%
  - Planning to Continue Education: 3%
  - Active Duty Military: 2%
  - Volunteer Service: 2%
  - Not Seeking Placement: 10%

- **International Maritime Business (42)**
  - Employment: 79%
  - Planning to Continue Education: 10%
  - Active Duty Military: 10%
  - Volunteer Service: 5%
  - Not Seeking Placement: 19%

- **Marine Engineering (74)**
  - Employment: 60%
  - Planning to Continue Education: 38%
  - Active Duty Military: 2%
  - Volunteer Service: 2%
  - Not Seeking Placement: 2%

- **Marine Science, Safety & Environmental Protection (21)**
  - Employment: 76%
  - Planning to Continue Education: 5%
  - Active Duty Military: 2%
  - Volunteer Service: 2%
  - Not Seeking Placement: 19%

- **Marine Transportation (57)**
  - Employment: 75%
  - Planning to Continue Education: 21%
  - Active Duty Military: 2%
  - Volunteer Service: 2%
  - Not Seeking Placement: 21%

* n=272
** No respondents selected pursuing additional undergraduate coursework.
Class of 2018 Initial Career Outcomes

**CAREER OUTCOMES STATUS BY SEX**

**Female (34)***

- Employment: 79%
- Planning to Continue Education: 6%
- Graduate or Professional School: 3%
- Active Duty Military: 3%
- Volunteer Service*: 3%
- Not Placed: 9%

**Male (238)***

- Employment: 73%
- Planning to Continue Education: 4%
- Graduate or Professional School: 2%
- Active Duty Military: 4%
- Volunteer Service*: 0%
- Not Placed: 21%

\( n=272 \) (excludes students of unknown or unreported gender \( n=0 \))

* Volunteer Service \( (n=1, 0.4\%) \)
Class of 2018 Initial Career Outcomes

CAREER OUTCOMES STATUS BY RACE/ETHNICITY

- **Student of Color (23):**
  - Employment: 65%
  - Planning to Continue Education*: 9%
  - Volunteer Service*: 0%
  - Not Seeking Placement*: 26%

- **White (236):**
  - Employment: 75%
  - Planning to Continue Education*: 4%
  - Volunteer Service*: 2%
  - Not Seeking Placement*: 18%

- n=259 (excludes nonresident alien/international students and students of unknown or unreported race/ethnicity (n=13)).

  * 0% shown above reflects low count for Planning to Continue Education (n=1), Volunteer Service (n=1), and Not Seeking Placement (n=1).
*n=271 (statistics exclude respondents who are not seeking placement (n=1))
Class of 2018 Initial Career Outcomes

CAREER OUTCOMES RATES BY PRIMARY PROGRAM

- Emergency Management (28): 18% placed, 82% not placed
- Energy Systems Engineering (9): 100% placed
- Facilities Engineering (41): 98% placed, 2% not placed
- International Maritime Business (42): 90% placed, 10% not placed
- Marine Engineering (74): 38% placed, 62% not placed
- Marine Science Safety & Environmental Protection (21): 19% placed, 81% not placed
- Marine Transportation (56): 21% placed, 79% not placed

Not placed (still seeking employment or seeking further schooling)
Placed (employed, additional undergrad coursework, graduate school, volunteer work, or on active duty)

*n=271 (statistics exclude students who are not seeking placement (n=1))
**Class of 2018 Initial Career Outcomes**

**CAREER OUTCOMES RATES BY SEX**

- **Male (238):**
  - Not placed (still seeking employment or seeking further schooling): 21%
  - Placed (employed, additional undergrad coursework, graduate school, volunteer work, or on active duty): 79%

- **Female (33):**
  - Not placed (still seeking employment or seeking further schooling): 12%
  - Placed (employed, additional undergrad coursework, graduate school, volunteer work, or on active duty): 88%

*Note: n=271 (statistics exclude students who are not seeking placement (1 woman) and students of unknown or unreported gender (n=0)).*
Class of 2018 Initial Career Outcomes

CAREER OUTCOMES RATES BY RACE/ETHNICITY

White (235)  
82%  
0%  
100%  
Not placed (still seeking employment or seeking further schooling)

Student of Color (23)  
26%  
0%  
100%  
Placed (employed, additional undergrad coursework, graduate school, volunteer work, or on active duty)

*n=258 (statistics exclude students who are not seeking placement (1 White student), students who have not completed graduation requirements (n=41), and nonresident alien/international students and students of unknown or unreported race/ethnicity (n=13)).
NUMBER OF JOB OFFERS RECEIVED AMONG EMPLOYED STUDENTS

* n=140 (statistics only reflect employed students who completed graduation requirements; unreported/unknowns excluded)
RECEIVED JOB OFFERS FROM A MMA CAREER FAIR OR EMPLOYER PRESENTATION

Career Fair (141)

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>46%</td>
<td>54%</td>
</tr>
</tbody>
</table>

Campus Presentation (140)

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>19%</td>
<td>81%</td>
</tr>
</tbody>
</table>

*Count only reflects employed students who completed graduation requirements; unreported/unknowns excluded.
Within the past month: 8%

Within the past 6 months: 42%

Within the past year: 42%

Had not been actively looking: 8%

*n=141 (statistics only reflect employed students who completed graduation requirements; unreported/unknowns excluded)
SOURCE TO WHICH ATTRIBUTE JOB

- Career Fair: 29%
- Co-op to full-time offer: 23%
- Online tools (Monster, LinkedIn, etc.): 21%
- Commercial shipping to full-time offer: 11%
- Academy referral: 8%
- On-campus recruiting: 6%
- Other: 3%

*n=102 (statistics only reflect employed students who completed graduation requirements and reported on employment source)
*statistics only reflect students who completed graduation requirements and reported that they are employed; unreported/unknowns excluded
EMPLOYED BY A UNION THAT REPRESENTS LICENSED MARINERS

If yes, which union(s) joined / will join?

<table>
<thead>
<tr>
<th>Union</th>
<th>n</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Maritime Officers (AMO)</td>
<td>12</td>
<td>60%</td>
</tr>
<tr>
<td>Marine Engineers' Beneficial Association (MEBA)</td>
<td>8</td>
<td>40%</td>
</tr>
<tr>
<td>International Organization of Masters, Mates &amp; Pilots</td>
<td>1</td>
<td>5%</td>
</tr>
</tbody>
</table>
DEGREE OF RELATEDNESS OF JOB TO PROGRAM
(BY PRIMARY PROGRAM)

* n=195 (statistics only reflect students who completed graduation requirements and reported that they are employed; unreported/unknowns excluded)
*n=182 (statistics only reflect employed students who completed graduation requirements and reported on position industry type)
EMPLOYER VESSEL DETAILS FOR THOSE WORKING MARITIME AFLOAT

US Owned
87% (39)

Foreign Flag
13% (6)

*\[n=45\text{ (statistics only reflect employed students who completed graduation requirements and reported working maritime afloat; missing/unknowns excluded (n=22)).}\]

Not an LNG Carrier
98% (45)

*\[n=46\text{ (statistics only reflect employed students who completed graduation requirements and reported working maritime afloat; missing/unknowns excluded (n=21)).}\]
FULL-TIME SALARY RANGES

*N=129 (statistics only reflect students employed full-time who completed graduation requirements and reported on salary range)
# AVERAGE FULL-TIME SALARY
## BY PRIMARY PROGRAM AND OVERALL (ALL PROGRAMS)

<table>
<thead>
<tr>
<th>Program</th>
<th>n</th>
<th>Average Salary</th>
<th>Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Management</td>
<td>2</td>
<td>$50,000</td>
<td>$50,000</td>
</tr>
<tr>
<td>Energy Systems Engineering</td>
<td>8</td>
<td>$67,525</td>
<td>$68,000</td>
</tr>
<tr>
<td>Facilities Engineering</td>
<td>25</td>
<td>$63,936</td>
<td>$62,000</td>
</tr>
<tr>
<td>International Maritime Business</td>
<td>17</td>
<td>$53,729</td>
<td>$55,000</td>
</tr>
<tr>
<td>Marine Engineering</td>
<td>15</td>
<td>$70,633</td>
<td>$65,000</td>
</tr>
<tr>
<td>Marine Science Safety &amp; Environmental Protection</td>
<td>7</td>
<td>$45,038</td>
<td>$45,000</td>
</tr>
<tr>
<td>Marine Transportation</td>
<td>15</td>
<td>$67,571</td>
<td>65,000</td>
</tr>
<tr>
<td>All Programs</td>
<td>89</td>
<td>$62,251</td>
<td>$60,000</td>
</tr>
</tbody>
</table>

*n=89 (statistics only reflect students employed full-time who completed graduation requirements and reported on exact salary)*
Historically, students have pursued employment in the following states/countries:

- Massachusetts: 65 students (52%)
- Connecticut: 9 students (7%)
- Texas: 9 students (7%)
- Rhode Island: 8 students (7%)
- New Jersey: 5 students (4%)

*Note: *n=124 (statistics only reflect employed students who completed graduation requirements and reported on employer location)
*n=200 (statistics only reflect employed students who completed graduation requirements and reported on employer name)
## JOINED / PLAN TO JOIN THE RESERVES OR NATIONAL GUARD

<table>
<thead>
<tr>
<th>Response</th>
<th>n</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>202</td>
<td>93%</td>
</tr>
<tr>
<td>Yes, the Reserves (Army, Navy, Marine Corps, Air Force, or Coast Guard)</td>
<td>14</td>
<td>6%</td>
</tr>
<tr>
<td>Yes, the National Guard (Army National Guard or Air National Guard)</td>
<td>2</td>
<td>1%</td>
</tr>
<tr>
<td>Total</td>
<td>218</td>
<td>100%</td>
</tr>
</tbody>
</table>

*Statistics excludes missing/unknowns (n=42) and active military duty students (n=12)*