The data reflected here represent the initial career outcomes for the undergraduate Class of 2016. Data collection begins with a spring online survey at June graduation and continues throughout the following year 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. Updated statistics will be gathered through 6 months and final updated figures collected by 1 year.

The June survey was sent to 308 undergraduate students expected to complete their degrees between July 1, 2015, and June 30, 2016. Overall, information was received on 252 of the 308 students (an overall response rate of 82%). Note that the overall response rate includes students who reported they would actually not complete graduation requirements in the specified time period.

The Career Outcomes Rate 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 placement (n=209). Does not include students who are not seeking placement (n=4) and students who have not completed graduation requirements (n=39). Nonrespondents also not reflected.
### 2016 June Survey Quick Facts

<table>
<thead>
<tr>
<th></th>
<th>June 2016</th>
<th>June 2015</th>
<th>June 2014</th>
<th>June 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of students surveyed:</td>
<td>308</td>
<td>281</td>
<td>274</td>
<td>277</td>
</tr>
<tr>
<td>Number of students responding:</td>
<td>252</td>
<td>230</td>
<td>231</td>
<td>208</td>
</tr>
<tr>
<td>Survey response rate:</td>
<td>82%</td>
<td>82%</td>
<td>85%</td>
<td>75%</td>
</tr>
<tr>
<td>Career Outcomes Rate (% placed)*:</td>
<td>67%</td>
<td>72%</td>
<td>61%</td>
<td>64%</td>
</tr>
<tr>
<td>Job placement within field of study (related or somewhat related):</td>
<td>99%</td>
<td>91%</td>
<td>100%</td>
<td>98%</td>
</tr>
<tr>
<td>Percent of jobs that are full-time:</td>
<td>100%</td>
<td>90%</td>
<td>99%</td>
<td>--</td>
</tr>
<tr>
<td>Percent of jobs that are permanent:</td>
<td>93%</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Annual salary $50k or higher:</td>
<td>87%</td>
<td>84%</td>
<td>90%</td>
<td>89%</td>
</tr>
<tr>
<td>Number of students entering armed services:</td>
<td>7</td>
<td>7</td>
<td>9</td>
<td>2</td>
</tr>
<tr>
<td>Number of students continuing education:</td>
<td>6</td>
<td>4</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>Number of students engaged in volunteer service:</td>
<td>1</td>
<td>1</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

*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 placement (n=209). Does not reflect students who are not seeking placement (n=4) and students who have not completed graduation requirements (n=39). Nonrespondents also not reflected. “–” = data not available. Note that totals in this report may not equal 100% due to rounding.
252 responded

June 2016
Total Surveyed = 308  
Total Responded = 252  
Response Rate = 82%  

Note that nonrespondents are not reflected in any of the statistics that follow.
$n=213$ (excludes students who have not completed graduation requirements ($n=39$). 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 placement), and not seeking placement. The specific military branches of students entering active duty service are as follows: Army ($n=1$), Coast Guard ($n=3$), and Navy ($n=3$). The specific graduate or professional schools of graduates furthering their education are MMA and Shanghai Maritime University.
CAREER OUTCOMES STATUS BY PROGRAM

<table>
<thead>
<tr>
<th>Program</th>
<th>Employment</th>
<th>Additional Undergraduate Coursework</th>
<th>Graduate or Professional School</th>
<th>Active Duty Military</th>
<th>Volunteer Service</th>
<th>Not Seeking Placement</th>
<th>Not Placed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Management (14)</td>
<td>29%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Energy Systems Engineering (8)</td>
<td>88%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>13%</td>
</tr>
<tr>
<td>Facilities Engineering (25)</td>
<td>72%</td>
<td>4%</td>
<td>4%</td>
<td></td>
<td>20%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>International Maritime Business (29)</td>
<td>52%</td>
<td>3%</td>
<td>10%</td>
<td>7%</td>
<td>3%</td>
<td>24%</td>
<td></td>
</tr>
<tr>
<td>Marine Engineering (72)</td>
<td>60%</td>
<td>4%</td>
<td>3%</td>
<td></td>
<td>33%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marine Safety &amp; Environmental Protection (17)</td>
<td>76%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>24%</td>
<td></td>
</tr>
<tr>
<td>Marine Transportation (48)</td>
<td>52%</td>
<td>2%</td>
<td></td>
<td></td>
<td>46%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* $n=213$ (statistics exclude students who have not completed graduation requirements ($n=39$))

June 2016
Senior Class of 2016 June Survey

CAREER OUTCOMES STATUS BY SEX

Female (23)
- Employment: 48%
- Additional Undergraduate Coursework: 4%
- Graduate or Professional School: 4%
- Active Duty Military: 1%
- Volunteer Service: 1%
- Not Placed: 43%

Male (185)
- Employment: 61%
- Additional Undergraduate Coursework: 3%
- Graduate or Professional School: 2%
- Active Duty Military: 2%
- Volunteer Service: 2%
- Not Placed: 31%

n=208 (excludes students who have not completed graduation requirements (n=39) and students of unknown or unreported gender (n=5))

June 2016
n=198 (excludes students who have not completed graduation requirements (n=39) as well as non-residential alien/international students and students of unknown or unreported race/ethnicity (n=15)).

June 2016
CAREER OUTCOMES RATE

- Not placed (still seeking employment or seeking further schooling): 70 (33%)
- Placed (employed, additional undergrad coursework, graduate school, volunteer work, or on active duty): 139 (67%)

*n=209 (statistics exclude students who are not seeking placement (n=4) and students who have not completed graduation requirements (n=39))

June 2016
CAREER OUTCOMES RATES BY PROGRAM

- Emergency Management (13)
- Energy Systems Engineering (8)
- Facilities Engineering (24)
- International Maritime Business (29)
- Marine Engineering (70)
- Marine Safety & Environmental Protection (17)
- Marine Transportation (48)

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

*n=209 (statistics exclude students who are not seeking placement (n=4) and students who have not completed graduation requirements (n=39))
Senior Class of 2016 June Survey

MASSACHUSETTS MARITIME ACADEMY

CAREER OUTCOMES RATES BY SEX

- Male (182): 32% Not placed, 68% Placed
- Female (23): 43% Not placed, 57% Placed

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

*n=205 (statistics exclude students who are not seeking placement (3 men), students who have not completed graduation requirements (n=39), and students of unknown or unreported gender (n=5)).
**CAREER OUTCOMES RATES BY RACE/ETHNICITY**

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Not Placed (%)</th>
<th>Placed (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>White (181)</td>
<td>67%</td>
<td>33%</td>
</tr>
<tr>
<td>Student of Color (14)</td>
<td>50%</td>
<td>50%</td>
</tr>
</tbody>
</table>

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

*n=195 (statistics exclude students who are not seeking placement (2 White students and 1 Student of Color), students who have not completed graduation requirements (n=39), and non-residential alien/international students and students of unknown or unreported race/ethnicity (n=15)).

June 2016
NUMBER OF JOB OFFERS RECEIVED AMONG EMPLOYED STUDENTS

* n=118 (statistics only reflect employed students who completed graduation requirements; unreported/unknowns excluded)
RECEIVED JOB OFFERS FROM A MMA CAREER FAIR OR EMPLOYER PRESENTATION

<table>
<thead>
<tr>
<th>Event</th>
<th>Yes (%)</th>
<th>No (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Career Fair (121)</td>
<td>55%</td>
<td>45%</td>
</tr>
<tr>
<td>Campus Presentation (119)</td>
<td>29%</td>
<td>71%</td>
</tr>
</tbody>
</table>

*Statistics only reflect employed students who completed graduation requirements; unreported/unknowns excluded.*
Senior Class of 2016 June Survey

**JOB SEARCH START DATE**

- **Within the past year**: 47%
- **Within the past 6 months**: 41%
- **Within the past month**: 8%
- **Had not been actively looking**: 4%

*n=120 (statistics only reflect employed students who completed graduation requirements; unreported/unknowns excluded)*
SOURCE TO WHICH ATTRIBUTE JOB

- Academy referral: 3%
- Career Fair: 29%
- Co-op to full-time offer: 13%
- Commercial shipping to full-time offer: 14%
- On-campus recruiting: 19%
- Online tools (Monster, LinkedIn, etc.): 7%
- Other: 16%

* n=119 (statistics only reflect employed students who completed graduation requirements and reported on employment source)
Senior Class of 2016 June Survey

MASSACHUSETTS MARITIME ACADEMY

NATURE OF EMPLOYMENT AND DEGREE OF RELATEDNESS OF JOB TO PROGRAM

* n=121 (statistics only reflect students who completed graduation requirements and reported that they are employed; unreported/unknowns excluded)

- Full-time: 121 (100%)
- Temporary: 9 (7%)
- Not at all related: 1 (1%)
- Somewhat related: 28 (23%)
- Highly related: 92 (76%)
JOINED / PLAN TO JOIN UNION THAT REPRESENTS LICENSED MARINERS

<table>
<thead>
<tr>
<th>Union Joined / Plan to Join</th>
<th>n</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Maritime Officers (AMO)</td>
<td>5</td>
<td>12%</td>
</tr>
<tr>
<td>Marine Engineers' Beneficial Association (MEBA)</td>
<td>27</td>
<td>68%</td>
</tr>
<tr>
<td>International Organization of Masters, Mates &amp; Pilots</td>
<td>10</td>
<td>25%</td>
</tr>
</tbody>
</table>

*n=121 (statistics only reflect students who completed graduation requirements and reported that they are employed; unreported/unknowns excluded); details on specific unions only provided for students who indicated they joined or plan to join one (n=40)
DEGREE OF RELATEDNESS OF JOB TO PROGRAM (BY PROGRAM)

- Emergency Management (4): 50% highly related, 100% somewhat related, 0% not at all related
- Energy Systems Engineering (7): 22% highly related, 39% somewhat related, 4% not at all related
- Facilities Engineering (18): 78% highly related, 22% somewhat related, 0% not at all related
- International Maritime Business (13): 39% highly related, 19% somewhat related, 8% not at all related
- Marine Engineering (42): 81% highly related, 19% somewhat related, 0% not at all related
- Marine Safety & Environmental Protection (13): 62% highly related, 8% somewhat related, 4% not at all related
- Marine Transportation (24): 96% highly related, 4% somewhat related, 0% not at all related

*\( n=121 \) (statistics only reflect students who completed graduation requirements and reported that they are employed; unreported/unknowns excluded)

June 2016
**INDUSTRY TYPE OF POSITION**

- **Maritime Afloat**: 59 (49%)
- **Non-maritime Ashore**: 46 (38%)
- **Maritime Ashore**: 16 (13%)

*\(n=121\) (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 98% (56)  
Foreign Flag 2% (1)

* n=57 (statistics only reflect employed students who completed graduation requirements and reported working maritime afloat; missing/unknowns excluded (n=2)).

Not an LNG Carrier 100% (52)

* n=52 (statistics only reflect employed students who completed graduation requirements and reported working maritime afloat; missing/unknowns excluded (n=7)).
FULL-TIME SALARY RANGES

<table>
<thead>
<tr>
<th>Salary Range</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0-$34,999 (1)</td>
<td>1%</td>
</tr>
<tr>
<td>$35,000-$49,999 (14)</td>
<td>12%</td>
</tr>
<tr>
<td>$50,000-$74,999 (62)</td>
<td>53%</td>
</tr>
<tr>
<td>$75,000-$99,999 (31)</td>
<td>26%</td>
</tr>
<tr>
<td>$100,000+ (10)</td>
<td>8%</td>
</tr>
</tbody>
</table>

*n=118 (statistics only reflect students employed full-time who completed graduation requirements and reported on salary range)

June 2016
### AVERAGE FULL-TIME SALARY BY 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>$44,000</td>
<td>--</td>
</tr>
<tr>
<td>Energy Systems Engineering</td>
<td>6</td>
<td>$62,200</td>
<td>$58,350</td>
</tr>
<tr>
<td>Facilities Engineering</td>
<td>16</td>
<td>$65,075</td>
<td>$65,000</td>
</tr>
<tr>
<td>International Maritime Business</td>
<td>10</td>
<td>$55,050</td>
<td>$51,750</td>
</tr>
<tr>
<td>Marine Engineering</td>
<td>30</td>
<td>$76,215</td>
<td>$67,250</td>
</tr>
<tr>
<td>Marine Safety &amp; Environmental Protection</td>
<td>4</td>
<td>$58,250</td>
<td>$59,000</td>
</tr>
<tr>
<td>Marine Transportation</td>
<td>16</td>
<td>$78,234</td>
<td>$72,500</td>
</tr>
<tr>
<td><strong>All Programs</strong></td>
<td>84</td>
<td><strong>$69,334</strong></td>
<td><strong>$60,000</strong></td>
</tr>
</tbody>
</table>

*n=84 (statistics only reflect students employed full-time who completed graduation requirements and reported on exact salary)
*n=54 (statistics only reflect employed students who completed graduation requirements and reported on employer location)
TOP EMPLOYERS

- Union: 34%
- Military Sealift Command: 15%
- Siemens: 4%
- General Dynamics Electric Boat: 3%
- General Dynamics Bath Iron Works: 3%
- Wrist Ship Supply: 2%
- Veolia Environmental Services North America: 2%
- Moran Environmental: 2%
- Marriott International: 2%
- General Electric Hitachi Nuclear Energy: 2%
- Eversource: 2%

*n=111 (statistics only reflect employed students who completed graduation requirements and reported on employer name)
STATE / COUNTRY IN WHICH PLAN TO RESIDE

- Massachusetts: 81%
- Connecticut: 3%
- New Jersey: 3%
- Rhode Island: 2%
- Pennsylvania: 2%
- New Hampshire: 2%
- California: 1%
- North Carolina: 1%
- Maryland: 1%
- Florida: 1%
- Outside the US: 1%
- Virginia: 1%
- South Carolina: 1%
- New York: 1%
- Alaska: 1%

* n=212 (statistics exclude students who have not completed graduation requirements (n=39) and students who did not provide information (n=1))

June 2016
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>189</td>
<td>92%</td>
</tr>
<tr>
<td>Yes, the Reserves (Army, Navy, Marine Corps, Air Force, or Coast Guard)</td>
<td>11</td>
<td>5%</td>
</tr>
<tr>
<td>Yes, the National Guard (Army National Guard or Air National Guard)</td>
<td>6</td>
<td>3%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>206</td>
<td>100%</td>
</tr>
</tbody>
</table>

*Statistics excludes students who have not completed graduation requirements (n=39) and active military duty students (n=7)