MASSACHUSETTS

<table>
<thead>
<tr>
<th>#8</th>
<th>$18.6 B SPENT IN STATE</th>
<th>#17</th>
<th>3.1% OF TOTAL U.S. DEFENSE SPENDING</th>
<th>#2,700 PER RESIDENT</th>
<th>#8</th>
<th>$17.4 B CONTRACT SPENDING</th>
<th>#32</th>
<th>23,533 NUMBER OF PERSONNEL</th>
<th>#32</th>
<th>$1.2 B PERSONNEL SPENDING</th>
</tr>
</thead>
</table>

**DEFENSE CONTRACTS**

By Type
- Supplies and Equipment: 64%
- Construction: 1%
- Research and Development: 8%
- Service: 27%

By Service
- Army: 27%
- Navy/Marines: 27%
- Air Force: 17%
- Other Defense: 29%

**DEFENSE PERSONNEL**

Allocations, By Type
- Active Duty: 9%
- Reserve: 27%
- National Guard: 34%
- Civilian: 30%

Allocations, By Service
- Army: 51%
- Navy/Marines: 8%
- Air Force: 37%
- Other Defense: 3%

Top Defense Contractors
- Raytheon: $6.4 B
- General Electric: $2.1 B
- Moderna Inc.: $1.2 B
- General Dynamics: $1.1 B
- Massachusetts Institute of Technology: $1.1 B
- Charles Stark Draper Laboratory: $475.7 M
- MITRE: $357.2 M
- SAIC: $241.9 M
- Oasis Systems: $219.2 M
- Lockheed Martin: $158.7 M

Contract Awards Performed

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Total Payroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY13</td>
<td>$11,000</td>
</tr>
<tr>
<td>FY14</td>
<td>$9,900</td>
</tr>
<tr>
<td>FY15</td>
<td>$9,400</td>
</tr>
<tr>
<td>FY16</td>
<td>$9,000</td>
</tr>
<tr>
<td>FY17</td>
<td>$10,400</td>
</tr>
<tr>
<td>FY18</td>
<td>$13,200</td>
</tr>
<tr>
<td>FY19</td>
<td>$13,900</td>
</tr>
<tr>
<td>FY20</td>
<td>$17,400</td>
</tr>
</tbody>
</table>

Top Defense Personnel Locations

<table>
<thead>
<tr>
<th>County</th>
<th>Active Duty</th>
<th>Civilian</th>
<th>National Guard</th>
<th>Reserve</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Middlesex</td>
<td>1,232</td>
<td>4,669</td>
<td>2,016</td>
<td>2,256</td>
<td>10,173</td>
</tr>
<tr>
<td>Hampden</td>
<td>181</td>
<td>1,082</td>
<td>1,529</td>
<td>2,749</td>
<td>5,541</td>
</tr>
<tr>
<td>Barnstable</td>
<td>89</td>
<td>417</td>
<td>1,901</td>
<td>0</td>
<td>2,407</td>
</tr>
<tr>
<td>Suffolk</td>
<td>457</td>
<td>329</td>
<td>127</td>
<td>254</td>
<td>1,167</td>
</tr>
<tr>
<td>Worcester</td>
<td>28</td>
<td>83</td>
<td>642</td>
<td>158</td>
<td>911</td>
</tr>
<tr>
<td>Bristol</td>
<td>ND</td>
<td>70</td>
<td>438</td>
<td>348</td>
<td>ND</td>
</tr>
<tr>
<td>Plymouth</td>
<td>34</td>
<td>44</td>
<td>348</td>
<td>388</td>
<td>814</td>
</tr>
<tr>
<td>Norfolk</td>
<td>ND</td>
<td>18</td>
<td>371</td>
<td>252</td>
<td>ND</td>
</tr>
<tr>
<td>Essex</td>
<td>14</td>
<td>156</td>
<td>372</td>
<td>32</td>
<td>574</td>
</tr>
<tr>
<td>Hampshire</td>
<td>13</td>
<td>19</td>
<td>168</td>
<td>0</td>
<td>200</td>
</tr>
</tbody>
</table>
TOP DEFENSE CONTRACT SPENDING LOCATIONS

(M = millions, B = billions)

Middlesex $10.5 B
Essex $4.2 B
Bristol $650.5 M
Berkshire $447.7 M
Norfolk $428.1 M
Suffolk $398.1 M
Plymouth $360.0 M
Worcester $139.5 M
Hampshire $100.3 M
Barnstable $97.2 M

TOP DEFENSE PERSONNEL SPENDING LOCATIONS

(M = millions)

Middlesex $688.7 M
Hampden $194.6 M
Barnstable $92.1 M
Suffolk $81.2 M
Essex $23.9 M
Worcester $23.8 M
Plymouth $20.7 M
Norfolk $19.9 M
Bristol $19.3 M
Berkshire $8.1 M

AF Active  AF Guard  AF Reserve  Army Active  Army Guard  Army Reserve  MC Active  Navy Active  WHS