DEFENSE SPENDING BY STATE

FISCAL YEAR 2020

SUPPLEMENTAL REPORT

AMERICAN SAMOA
GUAM
NORTHERN MARIANA ISLANDS
PUERTO RICO
U.S. VIRGIN ISLANDS

U.S. Department of Defense
Office of Local Defense Community Cooperation
ACKNOWLEDGMENTS

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This research benefited from the guidance of staff at the DoD’s Defense Manpower Data Center, the U.S. Department of the Treasury, and the Congressional Research Service. Experts at the American Enterprise Institute, Brookings Institution, Center for a New American Security, and Center for Strategic and International Studies generously offered feedback on earlier versions of this report.

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Office of Local Defense Community Cooperation, U.S. Department of Defense
tara.a.butler4.civ@mail.mil

An electronic copy of this report is located online at https://oldcc.gov/dsbs-fy2020.
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INTRODUCTION

This report presents the results of an analysis of U.S. Department of Defense (DoD) contract and personnel spending during fiscal year (FY) 2020. The report’s graphs and tables present a range of findings, such as total spending figures, categories of contracted goods and services, major defense vendors, and numbers and types of defense personnel. Territory officials may use this information to assess a region’s dependence on defense spending and to target assistance to support more resilient communities and companies.

Conducted in early 2022, the analysis primarily entailed an examination of DoD-funded prime- and sub-award contract data and defense personnel and payroll figures. Findings are drawn from an array of sources, including the DoD’s Defense Manpower Data Center and USAspending.gov, which is managed by the U.S. Department of the Treasury.

FY 2020 Overview
The DoD’s budget authority rose from $712.5 billion in FY 2019 to $721.5 billion in FY 2020.¹ DoD contract obligations and payroll spending in all 50 states and the District of Columbia totaled $593.9 billion. Contract obligations and payroll spending in American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, the Commonwealth of Puerto Rico, and the U.S. Virgin Islands totaled $2.9 billion. Contracts for various products and services totaled $1.7 billion in those five territories, while DoD personnel payroll accounted for $1.2 billion.

Most contract funds went to services (43 percent) and construction (33 percent), with supplies and equipment (such as aircraft, ships, weapons, and parts; 24 percent) and research and development (<1 percent) comprising the remainder. The largest portion of personnel pay was for active-duty military (41 percent), followed by civilians (26 percent), the National Guard (23 percent), and the Reserves (10 percent).

Total defense spending (contracts plus payroll) ranged from $7.8 million in American Samoa to $2.0 billion in Guam. This comprised 33.9 percent of Guam's Gross Domestic Product (GDP), the highest of any U.S. state or territory. Among the 50 States and DC, defense spending as a share of GDP averaged 2.8 percent in FY 2020 and was highest in Virginia, at 11.3 percent.

Please see the main FY 2020 Defense Spending by State report for information about this report’s methodology and how to read this report.

### SUMMARY TABLE

<table>
<thead>
<tr>
<th></th>
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<tr>
<td></td>
<td>DEFENSE SPENDING AS A SHARE OF GDP (%)</td>
<td>SHARE OF TOTAL TERRITORY DEFENSE SPENDING (%)</td>
<td>DEFENSE SPENDING PER RESIDENT ($)</td>
<td>TOTAL CONTRACT AND PAYROLL SPENDING ($ M = millions, B = billions)</td>
<td>TOTAL CONTRACT SPENDING ($ M = millions, B = billions)</td>
<td>TOTAL PAYROLL ($ M = millions, B = billions)</td>
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<td>1.1</td>
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<td>157</td>
<td>7.8 M</td>
<td>2.1 M</td>
<td>5.7 M</td>
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<td>Guam</td>
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<td>759.4 M</td>
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<td>274</td>
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<td>4.6 M</td>
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<td>Territory Average/Total</td>
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<td>100.0</td>
<td>811</td>
<td>2.9 B</td>
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<td>1.2 B</td>
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<tr>
<td>States and DC Average/Total</td>
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<td>100.0</td>
<td>1,803</td>
<td>593.9 B</td>
<td>439.4 B</td>
<td>154.6 B</td>
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<tr>
<td></td>
<td>CIVILIAN PAY ($ K = thousands, M = millions, B = billions)</td>
<td>MILITARY ACTIVE DUTY PAY ($ K = thousands, M = millions, B = billions)</td>
<td>NATIONAL GUARD PAY ($ M = millions, B = billions)</td>
<td>RESERVE PAY ($ K = thousands, M = millions, B = billions)</td>
<td>RANKING BY DEFENSE SPENDING AS A SHARE OF TERRITORY GDP*</td>
<td>RANKING BY TOTAL DEFENSE SPENDING IN THE FIVE TERRITORIES</td>
</tr>
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<td>American Samoa</td>
<td>588.4K</td>
<td>309.1 K</td>
<td>0</td>
<td>4.8 M</td>
<td>2</td>
<td>5</td>
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<tr>
<td>Guam</td>
<td>191.8 M</td>
<td>479.9 M</td>
<td>64.8 M</td>
<td>22.9 M</td>
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<td>1</td>
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<tr>
<td>Northern Mariana Islands</td>
<td>353.8 K</td>
<td>177.0 K</td>
<td>0</td>
<td>704.8 K</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Puerto Rico</td>
<td>110.8 M</td>
<td>15.8 M</td>
<td>185.8 M</td>
<td>97.0 M</td>
<td>4</td>
<td>2</td>
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<tr>
<td>U.S. Virgin Islands</td>
<td>6.9 M</td>
<td>1.1 M</td>
<td>30.3 M</td>
<td>1.3 M</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Territory Total</td>
<td>310.4 M</td>
<td>497.3 M</td>
<td>280.9 M</td>
<td>126.7 M</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>States and DC Total</td>
<td>62.2 B</td>
<td>70.6 B</td>
<td>13.0 B</td>
<td>8.7 B</td>
<td>N/A</td>
<td>N/A</td>
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</tbody>
</table>

Figures may not add up to totals due to rounding.

* This analysis uses 2019 rather than 2020 GDP data for the territories of the Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands, as at the time of publication this was the most recent information made available by the Commerce Department’s Bureau of Economic Analysis.
AMERICAN SAMOA

<table>
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<th>#5</th>
<th>#2</th>
<th>0.3%</th>
<th>$157</th>
<th>#5</th>
<th>#4</th>
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<tr>
<td>$7.8 M SPENT IN TERRITORY</td>
<td>1.1% OF TERRITORY GDP</td>
<td>OF DEFENSE SPENDING IN FIVE TERRITORIES</td>
<td>$2.1 M CONTRACT SPENDING</td>
<td>297 NUMBER OF PERSONNEL</td>
<td>$5.7 M PERSONNEL SPENDING</td>
<td></td>
</tr>
</tbody>
</table>

### Defense Contracts

#### By Type

- Supplies and Equipment: 1%
- Construction: 0%
- Service: 99%
- Research and Development: 0%

#### By Service

- Army: 99%
- Navy/Marines: 0%
- Air Force: 0%
- Other Defense: 1%

### Top Defense Contractors

(K = thousands, M = millions)

- Tabcon Inc.: $1.3 M
- American Samoa Power Authority: $504.4 K
- The China Navigation Company Pte. Ltd.: $138.0 K
- American Samoa Telecommunications Authority: $48.6 K
- Mega Bugs Pest Control: $18.5 K
- Trident Engineering and Procurement PC: $17.4 K

### Contract Awards Performed

(rough fiscal year, millions)

<table>
<thead>
<tr>
<th>FY13</th>
<th>FY14</th>
<th>FY15</th>
<th>FY16</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2.5</td>
<td>$21.0</td>
<td>$0.4</td>
<td>$4.0</td>
<td>$1.8</td>
<td>$0.6</td>
<td>$2.7</td>
<td>$2.1</td>
</tr>
</tbody>
</table>

### Defense Personnel

#### Allocations, By Service

- Army: 100%
- Navy/Marines: 0%
- Air Force: 0%
- Other Defense: 0%

#### Allocations, By Type

(K = thousands, M = millions)

<table>
<thead>
<tr>
<th>Type</th>
<th>Personnel</th>
<th>Spending</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Duty</td>
<td>3</td>
<td>$309.1 K</td>
</tr>
<tr>
<td>Civilian</td>
<td>20</td>
<td>$588.4 K</td>
</tr>
<tr>
<td>National Guard</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Reserve</td>
<td>274</td>
<td>$4.8 M</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>297</td>
<td><strong>$5.7 M</strong></td>
</tr>
</tbody>
</table>

Note: The negative spending value for FY15 is attributed to a contract closeout.
GUAM

$2.0 B SPENT IN TERRITORY
33.9% OF TERRITORY GDP
67.3% OF DEFENSE SPENDING IN FIVE TERRITORIES
$12,860 PER RESIDENT
$1.2 B CONTRACT SPENDING
1,134 NUMBER OF PERSONNEL
$759.4 M PERSONNEL SPENDING

DEFENSE CONTRACTS

By Type
Supplies and Equipment: 4%
Construction: 46%
Service: 50%
Research and Development: 0%

By Service
Army 0%
Navy/Marines 86%
Air Force 4%
Other Defense 10%

Top Defense Contractors
(M = millions)
- Caddell-Nan, JV: $264.3 M
- DZSP 21: $128.3 M
- Granite-Obayashi, JV: $61.6 M
- Serrano Cons. and Dev. Corp.: $53.7 M
- Coretech-Hawaiian Dredging: $49.7 M
- Black Construction-Tutor Perini, JV: $47.0 M
- Guible, Katherine A: $42.8 M
- Pacific Rim Constructors Inc.: $42.5 M
- Fargo Pacific Inc.: $41.1 M
- Pacific Unlimited Inc.: $38.1 M

Contract Awards Performed
(by fiscal year, millions)

FY13 FY14 FY15 FY16 FY17 FY18 FY19 FY20
$482.8 $644.2 $787.3 $623.0 $768.9 $855.5 $992.3 $1,218.9

DEFENSE PERSONNEL

Allocations, By Service
Army 18%
Navy/Marines 51%
Air Force 25%
Other Defense 6%

Allocations, By Type
(M = millions)
Type Personnel Spending
Active Duty 6,140 $479.9 M
Civilian 2,580 $191.8 M
National Guard 1,559 $64.8 M
Reserve 1,055 $22.9 M
Total 11,334 $759.4 M
## NORTHERN MARIANA ISLANDS

<table>
<thead>
<tr>
<th>#4</th>
<th>$9.4 M SPENT IN TERRITORY</th>
<th>#5</th>
<th>0.8% OF TERRITORY GDP*</th>
<th>#3</th>
<th>$8.2 M CONTRACT SPENDING</th>
<th>#5</th>
<th>0.3% OF DEFENSE SPENDING IN FIVE TERRITORIES</th>
<th>#5</th>
<th>$199 PER RESIDENT</th>
<th>#5</th>
<th>$1.2 M PERSONNEL SPENDING</th>
</tr>
</thead>
</table>

### DEFENSE CONTRACTS

#### By Type
- Supplies and Equipment: 0%
- Service: 76%
- Construction: 24%
- Research and Development: 0%

#### By Service
- Army: 0%
- Navy/Marines: 100%
- Air Force: 0%
- Other Defense: 0%

#### Top Defense Contractors
(K = thousands, M = millions)
- USA Environmental Inc.: $2.7 M
- TEC-AECOM Pacific, JV: $2.0 M
- Ambyth Shipping Micronesia Inc.: $1.2 M
- Jacobs: $1.1 M
- AECOM: $736.6 K
- Brice Engineering: $655.9 K
- ASMD: $283.6 K
- Commonwealth Utilities Corp.: $151.5 K
- Chugach Alaska Corp.: $93.7 K
- Engineering/Remediation Resources Group Inc.: $52.7 K

#### Contract Awards Performed
(by fiscal year, millions)

<table>
<thead>
<tr>
<th>FY13</th>
<th>FY14</th>
<th>FY15</th>
<th>FY16</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3.9</td>
<td>$2.1</td>
<td>$8.5</td>
<td>$2.7</td>
<td>$31.8</td>
<td>$23.7</td>
<td>$48.6</td>
<td>$8.2</td>
</tr>
</tbody>
</table>

### DEFENSE PERSONNEL

#### Allocations, By Service
- Army: 90%
- Navy/Marines: 10%
- Air Force: 0%
- Other Defense: 0%

#### Allocations, By Type
(K = thousands, M = millions)

<table>
<thead>
<tr>
<th>Type</th>
<th>Personnel</th>
<th>Spending</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Duty</td>
<td>3</td>
<td>$177.0 K</td>
</tr>
<tr>
<td>Civilian</td>
<td>7</td>
<td>$353.8 K</td>
</tr>
<tr>
<td>National Guard</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Reserve</td>
<td>42</td>
<td>$704.8 K</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>52</strong></td>
<td><strong>$1.2 M</strong></td>
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* This analysis uses 2019 rather than 2020 GDP data for the Northern Mariana Islands, as at the time of publication this was the most recent information made available by the Commerce Department's Bureau of Economic Analysis.
Office of Local Defense Community Cooperation — Defense Spending by Territory, FY 2020

**PUERTO RICO**

<table>
<thead>
<tr>
<th>#2</th>
<th>$899.5 M SPENT IN TERRITORY</th>
<th>#4</th>
<th>0.8% OF TERRITORY GDP*</th>
<th>30.6% OF DEFENSE SPENDING IN FIVE TERRITORIES</th>
<th>$274</th>
<th>#2</th>
<th>$490.1 M CONTRACT SPENDING</th>
<th>#1</th>
<th>13,735 NUMBER OF PERSONNEL</th>
<th>#2</th>
<th>$409.3 M PERSONNEL SPENDING</th>
</tr>
</thead>
</table>

**DEFENSE CONTRACTS**

By Type

- Construction: 1%
- Service: 27%
- Supplies and Equipment: 72%
- Research and Development: 0%

By Service

- Army: 17%
- Navy/Marines: 8%
- Air Force: 3%
- Other Defense: 72%

**Top Defense Contractors** *(M = millions)*

- Aurora Industries: $116.9 M
- Pharmaceuticals International Inc.: $112.4 M
- M & M Manufacturing: $26.8 M
- Bluewater Defense Inc.: $23.6 M
- Short Bark Industries Inc.: $21.0 M
- USA Environmental Inc.: $15.8 M
- Puerto Rico Apparel Manufacturing Corp.: $15.6 M
- CDM Smith: $13.1 M
- Pentaq Manufacturing Corp.: $11.6 M
- Saltchuk: $10.5 M

**Contract Awards Performed** *(by fiscal year, millions)*

- FY13: $231.8 M
- FY14: $364.1 M
- FY15: $316.9 M
- FY16: $316.5 M
- FY17: $411.3 M
- FY18: $3,243.0 M
- FY19: $603.9 M
- FY20: $490.1 M

**DEFENSE PERSONNEL**

Allocations, By Service

- Army: 84%
- Navy/Marines: 2%
- Air Force: 10%
- Other Defense: 4%

Allocations, By Type

<table>
<thead>
<tr>
<th>Type</th>
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<td>National Guard</td>
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<td>Reserve</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>13,735</strong></td>
<td><strong>$409.3 M</strong></td>
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* This analysis uses 2019 rather than 2020 GDP data for Puerto Rico, as at the time of publication this was the most recent information made available by the Commerce Department’s Bureau of Economic Analysis.
U.S. VIRGIN ISLANDS

| #3 |
|-----|---|
| $44.1 M SPENT IN TERRITORY |

<table>
<thead>
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<tr>
<td>1.1% OF TERRITORY GDP*</td>
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<table>
<thead>
<tr>
<th>#1.5%</th>
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<tr>
<td>OF DEFENSE SPENDING IN FIVE TERRITORIES</td>
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<td>$506 PER RESIDENT</td>
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<td>$4.6 M CONTRACT SPENDING</td>
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<td>821 NUMBER OF PERSONNEL</td>
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<table>
<thead>
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</thead>
<tbody>
<tr>
<td>$39.5 M PERSONNEL SPENDING</td>
</tr>
</tbody>
</table>

**DEFENSE CONTRACTS**

**Supplies and Equipment:** 18%  
**Construction:** 17%  
**Service:** 65%  
**Research and Development:** 0%

**Top Defense Contractors**  
(K = thousands, M = millions)

- Xperts Inc. $5.1 M
- Conti Enterprises Inc. $868.6 K
- A & H - Ambica, JV $774.8 K
- United Electronic Industries Services $612.7 K
- PBP Management Group Inc. $326.8 K
- Manifest Global Enterprises Inc. $258.3 K
- IntegriWard $87.7 K
- National Air Cargo Inc. $86.9 K
- AT&T $78.9 K
- Quality Electric Supply Inc. $71.9 K

**Contract Awards Performed**

<table>
<thead>
<tr>
<th>FY13</th>
<th>FY14</th>
<th>FY15</th>
<th>FY16</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
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<tr>
<td>$58.0</td>
<td>$4.4</td>
<td>$7.0</td>
<td>$8.2</td>
<td>$31.6</td>
<td>$127.5</td>
<td>$12.1</td>
<td>$4.6</td>
</tr>
</tbody>
</table>

**DEFENSE PERSONNEL**

**Allocations, By Service**

- **Army**: 92%  
- **Navy/Marines**: 0%  
- **Air Force**: 8%  
- **Other Defense**: 0%

**Allocations, By Type**

<table>
<thead>
<tr>
<th>Type</th>
<th>Personnel</th>
<th>Spending</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Duty</td>
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<tr>
<td>Civilian</td>
<td>126</td>
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<td>National Guard</td>
<td>655</td>
<td>$30.3 M</td>
</tr>
<tr>
<td>Reserve</td>
<td>30</td>
<td>$1.3 M</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>821</strong></td>
<td><strong>$39.5 M</strong></td>
</tr>
</tbody>
</table>

* This analysis uses 2019 rather than 2020 GDP data for the U.S. Virgin Islands, as at the time of publication this was the most recent information made available by the Commerce Department’s Bureau of Economic Analysis.