European – United States Defence Expenditure in 2009

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European Defence Agency
Building Capabilities for a Secure Europe
European – United States Defence Expenditure in 2009

Brussels, December 2010

EDA has compared its data on European defence expenditure with United States defence spending in 2009. The data show that the US spent €498 Billion on defence in 2009, almost two point six times more than the €194 billion spent in Europe.

European data represent spending by the 26 EDA participating Member States*. US data are based on public sources, mainly US Government publications.

* All EU Member States except Denmark participate in the EDA.
EUROPEAN – US DEFENCE EXPENDITURE – General

<table>
<thead>
<tr>
<th></th>
<th>Europe*</th>
<th>US**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Defence Expenditure</td>
<td>€ 194 Bln</td>
<td>€ 498 Bln</td>
</tr>
<tr>
<td>Defence Expenditure as % of GDP</td>
<td>1,67%</td>
<td>4,90%</td>
</tr>
<tr>
<td>Defence Expenditure as % of Total Government Expenditure</td>
<td>3,3%</td>
<td>11,7%</td>
</tr>
<tr>
<td>Defence Expenditure per Capita</td>
<td>€ 392</td>
<td>€ 1,622</td>
</tr>
</tbody>
</table>

*Europe means 26 EDA participating Member States
**Euro/Dollar exchange rate is based on average for 2009: 1.3948
EUROPEAN – US DEFENCE EXPENDITURE – General

GDP, Overall Government Expenditure and Defence Expenditure

Billions of Euros

2006 | €11.316 | €10.509 | €5.303 | €3.807 | €201 |
---|---|---|---|---|---|
2007 | €12.072 | €10.102 | €5.255 | €3.743 | €492 |
2008 | €12.272 | €9.770 | €5.728 | €3.786 | €454 |
2009 | €11.584 | €10.170 | €5.858 | €4.246 | €498 |

* Data has been revised.
Expenditure per Capita

<table>
<thead>
<tr>
<th>Year</th>
<th>Europe</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>€35,062</td>
<td>€21,256</td>
</tr>
<tr>
<td>2007</td>
<td>€33,454</td>
<td>€22,780</td>
</tr>
<tr>
<td>2008</td>
<td>€31,600</td>
<td>€23,466</td>
</tr>
<tr>
<td>2009</td>
<td>€33,109</td>
<td>€22,073</td>
</tr>
</tbody>
</table>

GDP per Capita

- Europe: €35,062€, €33,454€, €31,600€, €33,109€
- US: €21,256€, €22,780€, €23,466€, €22,073€

Defence Spend per Capita

- Europe: €412€, €417€, €409*€, €392€
- US: €1,640€, €1,504€, €1,532€, €1,622€

* Data has been revised.
<table>
<thead>
<tr>
<th></th>
<th>Europe</th>
<th>US</th>
</tr>
</thead>
<tbody>
<tr>
<td>Military Personnel</td>
<td>1.668.537</td>
<td>1.418.142</td>
</tr>
<tr>
<td>Civilian Personnel</td>
<td>426.335</td>
<td>738.872</td>
</tr>
<tr>
<td>Defence Spend per Military</td>
<td>€ 166.264</td>
<td>€ 351.353</td>
</tr>
<tr>
<td>Investment (Equipment Procurement and R&amp;D) per Military</td>
<td>€ 24.522</td>
<td>€ 108.920</td>
</tr>
<tr>
<td>Category</td>
<td>Europe</td>
<td>US</td>
</tr>
<tr>
<td>-------------------------------------------------</td>
<td>----------</td>
<td>----------</td>
</tr>
<tr>
<td>Personnel Expenditure</td>
<td>€ 98.4 Bln</td>
<td>€ 104.3 Bln</td>
</tr>
<tr>
<td>Operations &amp; Maintenance</td>
<td>€ 44.2 Bln</td>
<td>€ 194.1 Bln</td>
</tr>
<tr>
<td>Investment (Equipment Procurement and R&amp;D)</td>
<td>€ 40.9 Bln</td>
<td>€ 154.5 Bln</td>
</tr>
<tr>
<td>Research &amp; Development</td>
<td>€ 8.4 Bln</td>
<td>€ 57.4 Bln</td>
</tr>
<tr>
<td>(Includes Research &amp; Technology)</td>
<td>€ 2.3 Bln</td>
<td>€ 8.2 Bln</td>
</tr>
</tbody>
</table>
Defence Expenditure Breakdown in Volume of Money

### 2008
- **Other Expenditure**: €34.0
- **Investment (Equip. Proc. including R&D/R&T)**: €166.2
- **O&M Expenditure**: €173.4
- ** Personnel Expenditure**: €107.4
- **Total Defence Expenditure**: €466.4

### 2009
- **Other Expenditure**: €41.9
- **Investment (Equip. Proc. including R&D/R&T)**: €194.1
- **O&M Expenditure**: €194.0
- ** Personnel Expenditure**: €184.2
- **Total Defence Expenditure**: €498.3

* Data has been revised.
EUROPEAN – US DEFENCE EXPENDITURE – Reform

Defence Expenditure Breakdown in Percentages

**US**

**Europe**

### 2009

- **US**
  - O&M Expenditure: 39.0%
  - Personnel Expenditure: 20.9%
  - Investment: 31.0%
  - Other Expenditure: 9.1%

- **Europe**
  - O&M Expenditure: 50.7%
  - Personnel Expenditure: 50.7%
  - Investment: 19.1%
  - Other Expenditure: 5.4%

### 2008

- **US**
  - O&M Expenditure: 37.2%
  - Personnel Expenditure: 19.9%
  - Investment: 35.6%
  - Other Expenditure: 7.3%

- **Europe**
  - O&M Expenditure: 53.3%
  - Personnel Expenditure: 53.3%
  - Investment: 20.8%
  - Other Expenditure: 4.4%

* Data has been revised.
Equipment Procurement and R&D/R&T in Percentages

**US**

- **2007**: Other Defence Expenditure 66.1%, Equipment Procurement 21.5%, R&T 2.14%, R&D (includes R&T) 12.4%
- **2008**: Other Defence Expenditure 64.3%, Equipment Procurement 24.1%, R&T 1.57%, R&D (includes R&T) 11.6%
- **2009**: Other Defence Expenditure 69.6%, Equipment Procurement 19.5%, R&T 1.65%, R&D (includes R&T) 11.5%

**Europe**

- **2007**: Other Defence Expenditure 79.5%, Equipment Procurement 15.8%, R&T 1.25%, R&D (includes R&T) 4.7%
- **2008**: Other Defence Expenditure 79.2%, Equipment Procurement 16.0%, R&T 1.23%, R&D (includes R&T) 4.3%
- **2009**: Other Defence Expenditure 78.9%, Equipment Procurement 16.8%, R&T 1.16%, R&D (includes R&T) 4.2%

* Data has been revised.
Military and Civilian Personnel Numbers

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Personnel</th>
<th>Military Personnel</th>
<th>Civilian Personnel</th>
<th>Total Military Personnel</th>
<th>Total Civilian Personnel</th>
<th>Total Personnel</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>2,424,939</td>
<td>2,084,488</td>
<td>1,940,112</td>
<td>2,075,652</td>
<td>1,836,882</td>
<td>2,294,274</td>
</tr>
<tr>
<td>2007</td>
<td>2,294,274</td>
<td>2,075,652</td>
<td>1,836,882</td>
<td>2,294,274</td>
<td>1,836,882</td>
<td>4,131,136</td>
</tr>
<tr>
<td>2008</td>
<td>2,234,487</td>
<td>2,109,437</td>
<td>1,800,707</td>
<td>2,234,487</td>
<td>1,800,707</td>
<td>4,035,194</td>
</tr>
<tr>
<td>2009</td>
<td>2,157,014</td>
<td>2,094,872</td>
<td>1,384,968</td>
<td>2,157,014</td>
<td>1,384,968</td>
<td>3,541,982</td>
</tr>
</tbody>
</table>

Europe
US
Defence Spend and Investment per Military

- **Europe**
  - Defence Spend per Military: €354.898
  - Investment (Equipment Procurement and R&D) per Military: €329.201
  - Defence Spend per Military: €332.699
  - Investment (Equipment Procurement and R&D) per Military: €312.296
  - Defence Spend per Military: €351.353
  - Investment (Equipment Procurement and R&D) per Military: €24.522

- **US**
  - Defence Spend per Military: €102.489
  - Investment (Equipment Procurement and R&D) per Military: €111.117
  - Defence Spend per Military: €116.264
  - Investment (Equipment Procurement and R&D) per Military: €116.264
  - Defence Spend per Military: €108.920
  - Investment (Equipment Procurement and R&D) per Military: €24.522

* Data has been revised.
EUROPEAN – US DEFENCE EXPENDITURE – Reform

Outsourcing

**US**

- **Total Outsourcing 2009:** € 112.5 bln
  - Other Defence Expenditure: 77%
  - Outsourcing: 23%

- **Total Outsourcing 2008:** € 99.4 bln
  - Other Defence Expenditure: 79%
  - Outsourcing: 21%

- **Total Outsourcing 2007:** € 76.2 bln
  - Other Defence Expenditure: 83%
  - Outsourcing: 17%

**Europe**

- **Total Outsourcing 2009:** € 14.1 bln
  - Other Defence Expenditure: 93%
  - Outsourcing: 7%

- **Total Outsourcing 2008:** € 12.0 bln
  - Other Defence Expenditure: 94%
  - Outsourcing: 6%

- **Total Outsourcing 2007:** € 14.4 bln
  - Other Defence Expenditure: 93%
  - Outsourcing: 7%
Average Number of Troops Deployed in Figures

- **2006**
  - Total Military Personnel: 1,940,112
  - Average Number of Troops Deployed: 1,384,968
- **2007**
  - Total Military Personnel: 1,836,882
  - Average Number of Troops Deployed: 1,379,551
- **2008**
  - Total Military Personnel: 1,800,707
  - Average Number of Troops Deployed: 1,401,757
- **2009**
  - Total Military Personnel: 1,668,537
  - Average Number of Troops Deployed: 1,418,142
Average Number of Troops Deployed in Percentages

US

- 2009: Remaining Military Personnel 83.7%, Average Number of Troops Deployed 16.3%
- 2008: Remaining Military Personnel 85.0%, Average Number of Troops Deployed 15.0%
- 2007: Remaining Military Personnel 86.4%, Average Number of Troops Deployed 13.6%

Europe

- 2009: Remaining Military Personnel 95.9%, Average Number of Troops Deployed 4.1%
- 2008: Remaining Military Personnel 95.5%, Average Number of Troops Deployed 4.5%
- 2007: Remaining Military Personnel 95.8%, Average Number of Troops Deployed 4.2%