

2018 KEY

FIGURES

DEFENCE



MINISTÈRE  
DES ARMÉES



# Defence figures 2017-2018

|   |    |
|---|----|
| 1. The State's main budgetary missions . . . . .                                      | 5  |
| 2. The defence budget . . . . .   | 7  |
| 3. The ministry manpower in 2017 . . . . .  | 15 |
| 4. Defence pillar of the National Guard . . . . .                                     | 20 |
| 5. Operational deployments of the French armed forces . . . . .                       | 24 |
| 6. Equipment of the armed forces . . . . .  | 25 |
| 7. Comparisons of the defence budget between the United States and European countries | 28 |
| 8. The youth policy of the French Ministry for the Armed Forces . . . . .             | 29 |
| 9. Glossary . . . . .   | 31 |
| 10. For further information . . . . .   | 33 |

**Nota bene:** the marginal difference that may exist in the totals is due to rounded figures.

# Introduction



This brochure is a summary of the main figures concerning the French Ministry for the Armed Forces. It presents the budgetary data, the number of personnel, the equipment of the armed forces and the forces deployed overseas.

Throughout this year, the President of the French Republic has stated very clearly his ambition for the French armed forces, i.e. their necessary rising power by increasing national defence spending to 2% of national Gross Domestic Product (GDP) by 2025. The budget of the French Ministry for the Armed Forces in 2018 is the first stage in this dynamic which is extended to the new Military Planning Law (MPL). This 2019-2025 MPL plans to spend €295bn for defence by 2025.

In 2018, budgetary credits have already increased by €1.8bn, taking the total budget of the “Defence” mission to €34.2bn (i.e. €34.4bn including resources from sales). All in all, national defence spending has increased to 1.82% of national GDP (including pensions) versus 1.78% in 2017.

This unprecedented budget increase, which is three times the increase between 2016 and 2017, enable the French armed forces to have at

their disposal the necessary assets to continue their mission serving France and the French people, on the national territory as well as in overseas operations.

Thanks to this budget, the French armed forces - while they have been sustainably engaged over and above planned operational contracts - will be able to start a regeneration of their operational capacity, to pursue the reinforcement of intelligence and cyber capabilities, to speed up the maintenance and the modernisation of their equipment.

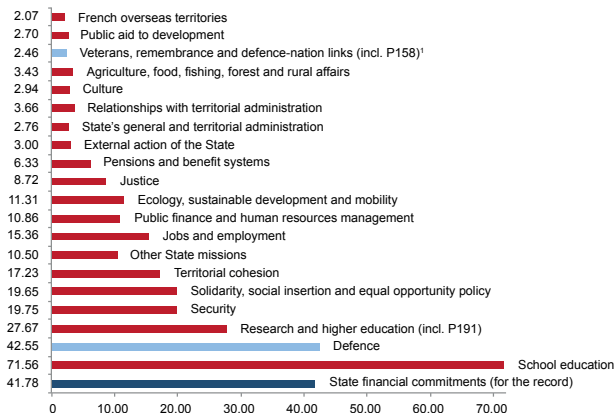
Because there are no strong soldiers without happy families, this 2018 budget will also make it possible to provide better support to soldiers and to their families through the Family Action Plan – “Plan Famille” – and to increase support to conditions for personnel of the French Ministry for the Armed Forces.

All these are priorities which will be pursued and emphasized by 2019-2025 MPL; “a MPL that takes the human factor into account”, which will help fill the gaps of the past and resolutely prepare the French armed forces for tomorrow’s conflicts.

**Florence Parly**  
**Minister for the Armed Forces**

# 1. The State's main budgetary missions

## 1.1 Breakdown of budgetary credits among the State missions, excluding financial commitments, excluding reimbursements and rebates (2018 Initial Finance Law)



Payment appropriations (PA) in €bn, including pensions.

1. Programme 158 (€101M), entitled "Compensation for victims of anti-semitic persecutions and barbaric acts during World War II", is under the authority of the Prime Minister's department. It aims to provide compensation to aid victims (or their assignees) of anti-semitic persecutions or barbaric acts committed during World War II.

## 1.2 The French Ministry for the Armed Forces budget (including pensions) within the budget of the State (2018 Initial Finance Law)

School education

**21.9%**

State financial commitments  
(for the record)

**12.8%**

Relationships  
with territorial administration

**1.1%**

Agriculture, food, fishing,  
forest and rural affairs

**1.1%**

Pensions and benefit systems

**1.9%**

Justice

**2.7%**

Ecology, sustainable  
development and mobility

**3.5%**

Public finance and human  
resources management

**3.3%**

Jobs and employment

**4.7%**

Other State missions

**7.4%**

Territorial cohesion

**5.3%**

Solidarity, social insertion  
and equal opportunity policy

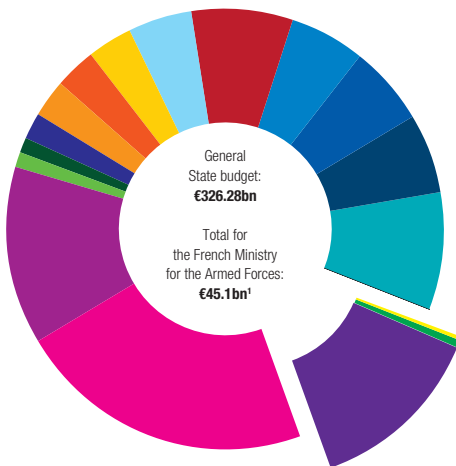
**6.0%**

Security

**6.1%**

Research  
and higher education

**8.4%**



**French Ministry  
for the Armed Forces: 13.8%**

P191 Civilian and military dual research

**0.1%**

Veterans, remembrance  
and defence-nation links

**0.7%**

Defence

**13.0%**

The French Ministry for the Armed Forces has credits which are allocated over three missions and which constitute 13.8% of the general State budget (excluding pensions: 11.3%).

1. This amount does not cover resources from sales.

## 2. The defence budget

The “Loi organique relative aux lois de finances” (LOLF) budget system law sets forth the budget according to an allocation of credits for missions, programmes and actions.

Three budgetary missions are thus allocated to the French Ministry for the Armed Forces: the “Defence” mission as such, the “Veterans, remembrance and defence-nation links” mission, as well as the “Dual (civil and military) research” programme from the interdepartmental mission for “Research and higher education”.

The 2018 budget for the “Defence” mission amounts to €34.2bn of budgetary credits (excluding pensions), namely €1.8bn more than its level in 2017. In addition, there are €190M from sales of real estate and equipment, which makes a total resource of €34.4bn.

## 2.1 The LOLF-format Defence budget

| Missions | Programmes                                  | Actions   |
|----------|---|---|
| Defence  | Environment and future defence policy (144) | Collection and processing of intelligence pertaining to French security<br>Future defence analysis<br>International relations and defence diplomacy   |
|          | Equipment of the armed forces (146)         | Deterrence<br>Command and information management<br>Deployment – mobility – support<br>Engagement and combat<br>Protection and safety<br>Preparation and conduct of armament operations<br>Foreign shares and civilian programmes   |
|          | Preparation and employment of forces (178)  | Capacity planning and conduct of operations<br>Preparation of land forces<br>Preparation of naval forces<br>Preparation of air forces<br>Logistics and joint services support<br>Cost overruns related to deployments abroad<br>Cost overruns related to domestic deployments |

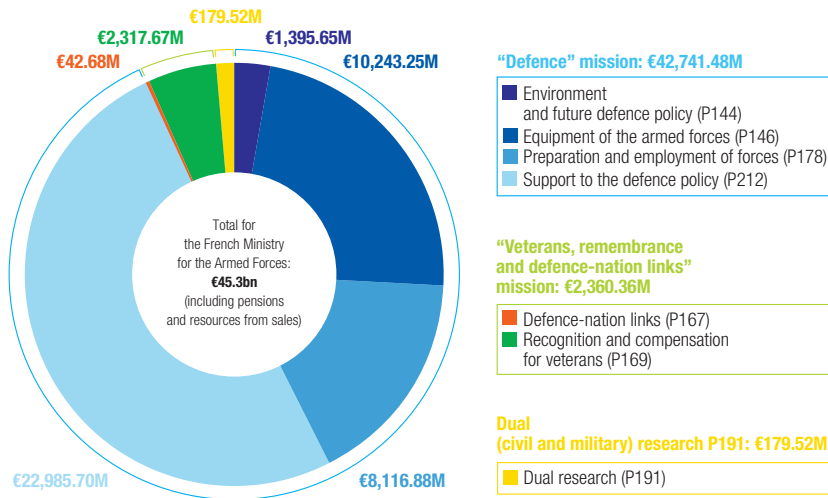


| Missions              | Programmes                             | Actions  |
|-----------------------|--|--|
| <p><b>Defence</b></p> | <p>Support to defence policy (212)</p> | <p>Real estate policy</p> <p>Information, administration and management systems</p> <p>Human resources policy</p> <p>Culture and education policy</p> <p>Restructuring programme</p> <p>Management, support and communication</p> <p>Collection and processing of intelligence pertaining to French security - Staff working for "Environment and future defence policy" programme</p> <p>Future defence - Staff working for "Environment and future defence policy" programme</p> <p>International relations</p> <p>Preparation and conduct of armament operations - Staff working for "Equipment of the armed forces" programme</p> <p>Capacity planning and conduct of operations - Staff working for "Preparation and employment of forces" programme</p> <p>Preparation of land forces - Staff working for "Preparation and employment of forces" programme</p> |

| Missions | Programmes                      | Actions   |
|----------|---------------------------------|---|
| Defence  | Support to defence policy (212) | <p>Preparation of naval forces - Staff working for "Preparation and employment of forces" programme</p> <p>Preparation of air forces - Staff working for "Preparation and employment of forces" programme</p> <p>Logistics and joint services support - Staff working for "Preparation and employment of forces" programme</p> <p>Cost overruns related to operations - Staff working for "Preparation and employment of forces" programme</p> <p>Real estate - Staff working for "Real estate" action</p> <p>Social action, unemployment and pensions</p> <p>Culture and education policy - management and communication of historical archives of the Ministry of Defence - Staff working for "Culture and education policy" action</p> <p>Restructuring programme - HR</p> <p>Management, support - Staff working for "Management, support" action</p> <p>Defence information day - Staff working for "Defence information day" programme</p> <p>Influence and external contribution</p> <p>Management, support and communication - staff expenditure of ministerial cabinets and attached bodies/ Human resources</p> |

| Missions                                       | Programmes                                      | Actions  |
|--|---|--|
| Veterans, remembrance and defence-nation links | Defence-nation links (167)                      | <ul style="list-style-type: none"> <li>Defence information day</li> <li>Remembrance policy</li> </ul>  |
|  | Recognition and compensation for veterans (169) | <ul style="list-style-type: none"> <li>Life debt management</li> <li>Management of war disability pensions rights</li> <li>Solidarity</li> <li>Policy in favour of repatriates</li> </ul>  |
| Research and higher education                  | Dual (civil and military) research (191)        | <ul style="list-style-type: none"> <li>Dual research in life sciences</li> <li>Dual research in information and communication sciences and technology</li> <li>Dual research in aerospace</li> <li>Other dual research and technological developments</li> </ul> |

## 2.2 Breakdown of budgetary credits by programme (overseas operations and including pensions)



*For the record: the marginal difference that may exist in the totals is due to rounded figures.*

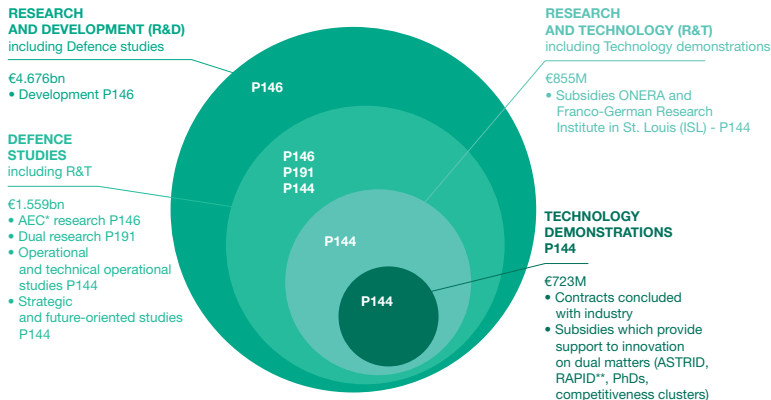
## 2.3 Breakdown of the “Defence” mission’s budgetary resources (2018 Initial Finance Law, including resources from sales)

| Strategic operations                                      | 2018 resources<br>in €bn |                                   |
|---|--------------------------|-----------------------------------|
| Total cost of salaries (T2) excluding overseas operations | 11.7                     | Total cost of salaries<br>€11.9bn |
| T2 overseas operations (provisions)                       | 0.3                      |                                   |
| Training (AOP)  | 1.2                      | Excluding equipment<br>€4.0bn     |
| Running and specific activities (FAS)                     | 2.4                      |                                   |
| Excluding T2 overseas operations (provisions)             | 0.4                      |                                   |
| Other armament operations (AOA)                           | 1.3                      | Equipment<br>€18.5bn              |
| Nuclear deterrence (DIS)                                  | 4.0                      |                                   |
| Support equipment (EAC)                                   | 0.9                      |                                   |
| Armament programmes environment (EPA)                     | 0.1                      |                                   |
| Scheduled equipment maintenance (EPM)                     | 3.9                      |                                   |
| Scheduled staff management (EPP)                          | 0.3                      |                                   |
| Defence infrastructures (INFRA)                           | 1.5                      |                                   |
| Programmes with major impact (PEM)                        | 5.5                      |                                   |
| Prospects and preparation of the future (PPA)             | 0.6                      |                                   |
| Intelligence (RENS)                                       | 0.3                      |                                   |
| <b>“Defence” mission total excluding pensions</b>         | <b>34.4</b>              |                                   |
| <b>Pensions</b>   | <b>8.4</b>               |                                   |
| <b>“Defence” mission total including pensions</b>         | <b>42.7</b>              |                                   |

*For the record: the marginal difference that may exist in the totals is due to rounded figures.*

## 2.4 Support to Defence Research and Development

The French Ministry for the Armed Forces fosters and supports industrial and technological innovation. In 2018, the French Ministry for the Armed Forces allocates €4.7bn to Research and Development (R&D).



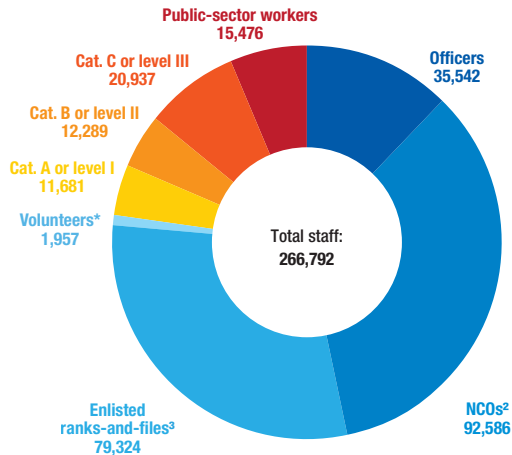
\* French Alternative Energies and Atomic Energy Commission.

\*\* Projects developed within "SME Action" Plan (SME = Small and medium-sized enterprises).

The sum specified for each circle includes in particular the sum indicated for the inner circle.

## 3. The ministry manpower in 2017

### 3.1 Breakdown of personnel by staff category in “ETPT”<sup>1</sup>



Source: DRH-MD/Social Report 2017  
(document to be published in mid-July 2018).

Field: all soldiers and civilian personnel  
under the French Ministry  
for the Armed Forces' PME in 2017.  
Only gendarmes under the French Ministry  
for the Armed Forces' PME.

\* Excluding volunteers of the SMV (Voluntary  
Military Service).

1. Full-Time Worked Equivalents: unit of headcount which takes into account the agent's period of professional activity for the year and his/her working time portion.
2. Non-commissioned officers (petty officers in the Navy).
3. Leading seamen and sailors in the Navy.

## 3.2 Breakdown of soldiers, by staff category and by managing service

| In ETPT                              | Officers      | NCOs          | Enlisted ranks-and-files | Volunteers <sup>1</sup> | Total          | %            |
|--------------------------------------|---------------|---------------|--------------------------|-------------------------|----------------|--------------|
| Army                                 | 13,866        | 38,602        | 61,579                   | 421                     | 114,468        | 55.5         |
| Navy                                 | 4,459         | 23,230        | 6,782                    | 856                     | 35,327         | 17.1         |
| Air Force                            | 6,343         | 24,193        | 10,144                   | 105                     | 40,785         | 19.8         |
| Gendarmerie <sup>2</sup>             | 197           | 1,875         | 0                        | 427                     | 2,499          | 1.2          |
| SSA                                  | 3,176         | 4,318         | 0                        | 132                     | 7,626          | 3.7          |
| SEA                                  | 204           | 325           | 819                      | 0                       | 1,348          | 0.7          |
| DGA                                  | 1,790         | 0             | 0                        | 0                       | 1,790          | 0.9          |
| SCA                                  | 1,823         | 6             | 0                        | 16                      | 1,845          | 0.9          |
| Other managing services <sup>3</sup> | 684           | 37            | 0                        | 0                       | 721            | 0.3          |
| <b>Total</b>                         | <b>32,542</b> | <b>92,586</b> | <b>79,324</b>            | <b>1,957</b>            | <b>206,409</b> | <b>100.0</b> |
| %                                    | 15.8          | 44.9          | 38.4                     | 0.9                     | 100.0          |              |

Source: DRH-MD/Social Report 2017 (document to be published in mid-July 2018).

Field: all soldiers under the French Ministry for the Armed Forces' PMEA in 2017.

1. Excluding volunteers of the SMV (Voluntary Military Service).

2. Only gendarmes under the French Ministry for the Armed Forces' PMEA.

3. APM, CGA and SID.



### 3.3 Breakdown of civilian personnel, by staff category and by employer service

| In ETPT                                 | Cat. A<br>or level I | Cat. B<br>or level II | Cat. C<br>or level III | Public-sector<br>workers | Total         | %            |
|---|----------------------|-----------------------|------------------------|--------------------------|---------------|--------------|
| Army                                    | 820                  | 1,122                 | 2,637                  | 3,370                    | 7,949         | 13.1         |
| Navy                                    | 376                  | 587                   | 966                    | 695                      | 2,624         | 4.4          |
| Air Force <sup>1</sup>                  | 770                  | 893                   | 783                    | 2,730                    | 5,176         | 8.6          |
| Other employer<br>services <sup>2</sup> | 9,715                | 9,687                 | 16,551                 | 8,681                    | 44,634        | 73.9         |
| <b>Total</b>                            | <b>11,681</b>        | <b>12,289</b>         | <b>20,937</b>          | <b>15,476</b>            | <b>60,383</b> | <b>100.0</b> |
| %                                       | 19.3                 | 20.4                  | 34.7                   | 25.6                     | 100.0         |              |

*Source: DRH-MD/Social Report 2017 (document to be published in mid-July 2018).*

*Field: all civilian personnel under the French Ministry for the Armed Forces' PMEA in 2017.*

1. Including SIAé.

2. Including SCA, SSA, DGA, SGA (including DICOd), EMA, DIRISI, SEA, SIMu, DGRIS, DGSIC, DPID, IRSEM, SDBC, CGA, CBCM, DRM, DRSD, DGSE and PR.

### 3.4 Women/men breakdown in ETPT

|              | Soldiers |         |                | Civilians |        |               | Total  |         |                |
|--------------|----------|---------|----------------|-----------|--------|---------------|--------|---------|----------------|
|              | Women    | Men     | Subtotal       | Women     | Men    | Subtotal      | Women  | Men     | Total          |
| <b>Staff</b> | 32,012   | 174,397 | <b>206,409</b> | 23,014    | 37,369 | <b>60,383</b> | 55,026 | 211,766 | <b>266,792</b> |
| <b>%</b>     | 15.5     | 84.5    | 100.0          | 38.1      | 61.9   | 100.0         | 20.6   | 79.4    | 100.0          |

*Source: DRH-MD/Social Report 2017 (document to be published in mid-July 2018).*

*Field: all soldiers and civilian personnel under the French Ministry for the Armed Forces' PMEA in 2017.*

The average age of soldiers is 33.1 years old (33.1 years old for women and 33.1 years old for men).

The average age of civilian personnel is 47.2 years old (47.6 years old for women and 46.9 years old for men).

### 3.5 Breakdown of personnel by status

| In ETPT                  | Soldiers      |                  |                |
|--------------------------|---------------|------------------|----------------|
|                          | Career        | Temporary-career | Total          |
| Officers                 | 24,440        | 8,102            | 32,542         |
| NCOs                     | 46,849        | 45,737           | 92,586         |
| Enlisted ranks-and-files | 0             | 79,324           | 79,324         |
| Volunteers               | 0             | 1,957            | 1,957          |
| <b>Total</b>             | <b>71,289</b> | <b>135,120</b>   | <b>206,409</b> |
| <b>%</b>                 | <b>34.5</b>   | <b>65.5</b>      | <b>100.0</b>   |

Source: DRH-MD/Social Report 2017

(document to be published in mid-July 2018).

Field: all soldiers under the French Ministry for the Armed Forces' PME A in 2017.

Only gendarmes under the French Ministry for the Armed Forces' PME A.

#### In ETPT

| Civilians                           | Staff                          | %             |             |
|-------------------------------------|--------------------------------|---------------|-------------|
| Civil servants                      | Cat. A+                        | 562           | 0.9         |
|                                     | Cat. A (excluding A+)          | 6,366         | 10.5        |
|                                     | Cat. B                         | 11,098        | 18.4        |
|                                     | Cat. C                         | 16,836        | 27.9        |
|                                     | <b>Subtotal</b>                | <b>34,862</b> | <b>57.7</b> |
| Fixed-term contract public servants | Level I                        | 4,753         | 7.9         |
|                                     | Level II                       | 1,191         | 2.0         |
|                                     | Level III                      | 4,101         | 6.8         |
|                                     | <b>Subtotal</b>                | <b>10,045</b> | <b>16.7</b> |
| Public-sector workers               | Workers                        | 11,849        | 19.6        |
|                                     | Team leaders                   | 2,374         | 3.9         |
|                                     | Technicians with worker status | 1,253         | 2.1         |
|                                     | <b>Subtotal</b>                | <b>15,476</b> | <b>25.6</b> |
| <b>Total</b>                        | <b>60,383</b>                  | <b>100.0</b>  |             |

Source: DRH-MD/Social Report 2017 (document to be published in mid-July 2018).

Field: all civilian personnel under the French Ministry for the Armed Forces' PME A in 2017.

## 4. Defence pillar of the National Guard

### 4.1 Breakdown of the French Ministry for the Armed Forces' operational reserve (excluding national Gendarmerie) by armed forces, departments and managing services

Distribution of volunteers under ESR\* by category and by armed forces, departments and managing services

|           | Officers | NCOs   | Enlisted ranks-and-files | Total         | %     |
|-----------|----------|--------|--------------------------|---------------|-------|
| Army      | 4,321    | 5,572  | 11,775                   | 21,668        | 59.7  |
| Navy      | 1,572    | 2,490  | 1,336                    | 5,398         | 14.9  |
| Air Force | 1,329    | 2,044  | 2,181                    | 5,554         | 15.3  |
| SSA       | 1,583    | 1,391  | 24                       | 2,998         | 8.3   |
| SCA       | 469      | 0      | 0                        | 469           | 1.3   |
| SEA       | 39       | 45     | 46                       | 130           | 0.4   |
| DGA       | 95       | 0      | 0                        | 95            | 0.3   |
| Total     | 9,408    | 11,542 | 15,362                   | <b>36,312</b> | 100.0 |
| %         | 25.9     | 31.8   | 42.3                     | 100.0         |       |

Data on the 31st December 2017.

\* Reserve commitment (contracts).

#### 4.2 Breakdown of the French Ministry for the Armed Forces' operational reserve (excluding national Gendarmerie) per socio-professional category

|                 | Proportion (in %) |
|-----------------|-------------------|
| Active workers  | 37.16             |
| Students        | 21.73             |
| Retired workers | 11.30             |
| Not known       | 29.81             |
| Total           | 100.00            |

*Data on the 31st December 2017.*

#### 4.3 Breakdown of the French Ministry for the Armed Forces' operational reserve (excluding national Gendarmerie) per age category

|                                   | Proportion (in %) |
|-----------------------------------|-------------------|
| Under 30 years old                | 36.83             |
| ≥ 30 years old and < 40 years old | 12.88             |
| ≥ 40 years old and < 50 years old | 19.21             |
| ≥ 50 years old                    | 31.09             |
| Total                             | 100.00            |

*Data on the 31st December 2017.*

#### 4.4 Breakdown of ESR\* days of activity, by type of managing service

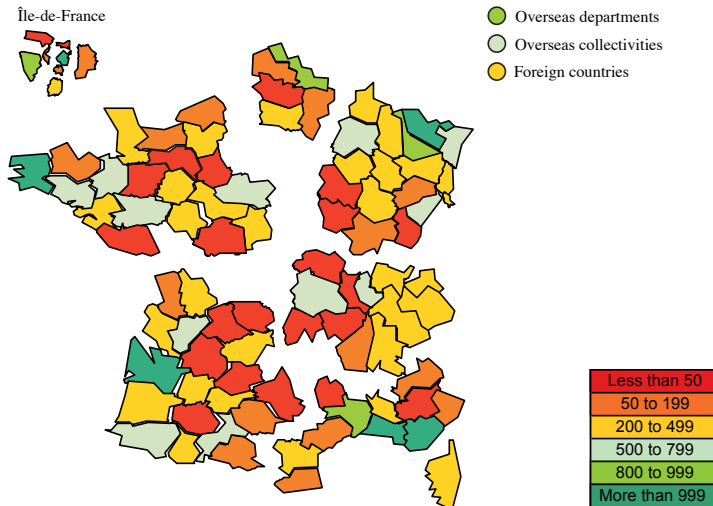
|              | Done             | Average (man-days) |
|--------------|------------------|--------------------|
| Army         | 809,937          | 37.4               |
| Navy         | 181,077          | 33.5               |
| Air Force    | 193,725          | 34.9               |
| SSA          | 62,697           | 20.9               |
| SEA          | 3,925            | 30.2               |
| DGA          | 1,172            | 12.3               |
| SCA          | 14,043           | 29.9               |
| <b>Total</b> | <b>1,266,576</b> | <b>34.9</b>        |

*Data on the 31st December 2017.*

*\* Reserve commitment (contracts).*

## 4.5 Breakdown of the French Ministry for the Armed Forces' operational reserve (excluding national Gendarmerie) by department

*This map shows zones of defence: Paris, North, West, East, Southwest, Southeast and South.*



# 5. Operational deployments of the French armed forces

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**NATIONAL TERRITORY**



**13,000 SOLDIERS**

**SOVEREIGNTY FORCES**

- French West Indies (FAA): 1,000
- French Guiana (FAG): 2,100
- Réunion (FAZSOI): 1,700
- New Caledonia (FANC): 1,450
- French Polynesia (FAPP): 900

**7,150 SOLDIERS**

**PRESENCE FORCES**

- Senegal (EFS): 350
- Ivory Coast (FFCI): 900
- Gabon (EFG): 350
- Djibouti (FFDJ): 1,450
- United Arab Emirates (FFEAU): 650

**3,700 SOLDIERS**

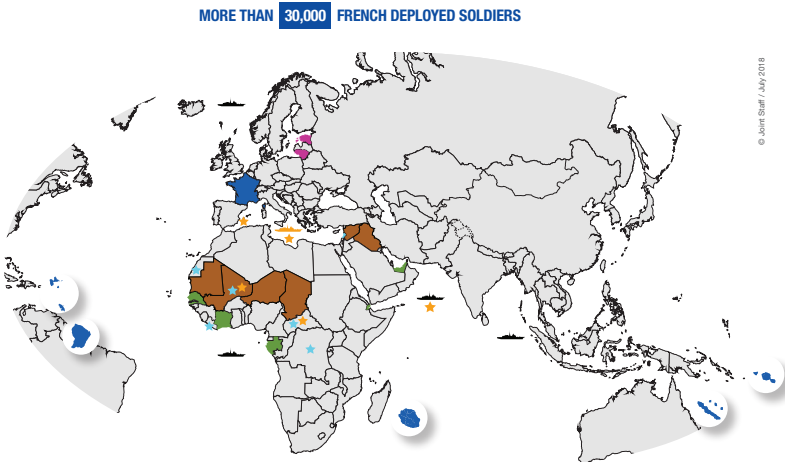
**OVERSEAS OPERATIONS**



Mauritania - Mali - Burkina Faso - Niger - Chad: 4,500

Syria - Iraq: Chammal: 1,100

**5,600 SOLDIERS**



**UNO**



Lebanon Daman: 700

- ★ Sahara ★ Mali ★ Liberia
- ★ Central African Republic
- ★ Democratic Republic of the Congo

**780 SOLDIERS**

**EU**



Sophia: 100

- ★ Atalanta ★ Frontex Themis
- ★ Mali ★ Frontex Indalo
- ★ Central African Republic

**175 SOLDIERS**

**MARITIME MISSIONS**



- Jeanne d'Arc Mission: 700
- North Atlantic: 200
- CTF 150: 200
- Corymbe: 250

**1,350 SOLDIERS**

**NATO**



- Lithuania eFP: 300
- Estonia eAP: 100

**400 SOLDIERS**

**NUCLEAR DETERRENCE**



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## 6. Equipment of the armed forces

### 6.1 Army (figures on the 1st July 2018)

| EQUIPMENT   | AMOUNT           |
|---|------------------|
| <b>ARMoured VEHICLE</b>   |                  |
| <i>Main battle tank</i>   | 200              |
| Leclerc   | 200 <sup>1</sup> |
| <i>Tracked armoured vehicle</i>   | 154              |
| VHM (High-mobility vehicle)   | 52               |
| DCL (Leclerc repair tank)   | 18               |
| AMX 30 D (repair)   | 30               |
| EBG (Armoured engineer vehicle) & SDPMAC <sup>2</sup>   | 54               |
| <i>Wheeled vehicle</i>  | 6,237            |
| AMX 10 RCR  | 248              |
| ERC (Wheeled armoured vehicle) 90 Sagaie  | 70               |
| VBCI (Armoured infantry fighting vehicle)   | 628              |
| Troop transport (all types of LAV)  | 2,661            |
| LAV (PVP)   | 1,167            |
| LAV (VBL-VB2L)  | 1,446            |
| VBHP (Highly protected armoured vehicle)  | 13               |
| Buffalo   | 4                |
| <b>ARTILLERY</b>  |                  |
| 155 mm self-propelled gun (CAESAR, AUF1 and TRF1)   | 121              |
| VOA (Artillery observation vehicle) and VAB (Armoured personnel carrier) with observation equipment | 85               |
| 120 mm mortar   | 140              |
| LRU (Unitary launch rocket system)  | 12               |

1. Excluding long-term storage.

2. Pyrotechnic mine disposal system for anti-tank mines.

3. Training fleet (EC120 Colibri) has been outsourced.

| EQUIPMENT                                       | AMOUNT |
|---|--------|
| <b>INFANTRY EQUIPMENT</b>                       | 23,075 |
| FELIN   | 23,075 |
| <b>ANTI-TANK WEAPON SYSTEM (FIRING STATION)</b> | 1,046  |
| Milan   | 350    |
| MMP (Medium-range missile)                      | 120    |
| Eryx  | 500    |
| Javelin   | 76     |
| <b>HELICOPTER</b>                               | 284    |
| Gazelle   | 92     |
| Tigre   | 70     |
| Cougar  | 26     |
| Puma SA 330                                     | 52     |
| Caracal   | 8      |
| Caiman  | 36     |
| <b>TRAINING HELICOPTER</b>                      | 18     |
| Fennec <sup>3</sup>                             | 18     |
| <b>LIAISON AIRCRAFT</b>                         | 13     |
| TBM 700 (8), Pilatus (5)                        | 13     |
| <b>GROUND-TO-AIR WEAPON SYSTEM</b>              | 205    |
| Mistral firing station                          | 205    |
| <b>UAV (DELIVERED BY AIR)</b>                   | 61     |
| SDTI (Sperwer tactical UAV system)              | 23     |
| DRAC (Close-range reconnaissance UAV system)    | 38     |

Source: 2018-2032 Development plan of the Army equipment fleet (June 2017 edition).

## 6.2 Navy (figures on the 1st July 2018)

| EQUIPMENT   | AMOUNT    |
|---|-----------|
| <b>COMBAT AND SUPPORT SHIP</b>  | <b>72</b> |
| Nuclear-powered ballistic missile submarine                             | 4         |
| Nuclear-powered attack submarine  | 6         |
| Aircraft carrier  | 1         |
| Landing Helicopter Dock (LHD)   | 3         |
| 1st rank frigate <sup>1</sup>   | 16        |
| Surveillance frigate  | 6         |
| Offshore patrol vessel <sup>2</sup>                                     | 20        |
| Minehunter  | 10        |
| France's overseas departments and territories support ship <sup>3</sup> | 3         |
| Command and replenishment ship  | 3         |
| <b>LANDING PLATFORM DOCK (LPD) AND LANDING CRAFT<sup>4</sup></b>        | <b>17</b> |
| <b>MARITIME GENDARMERIE</b>   | <b>38</b> |
| Patrol boat and coastal cutter <sup>5</sup>                             | 38        |
| <b>HYDROGRAPHIC AND OCEANOGRAPHIC SHIP</b>                              | <b>4</b>  |
| <b>CHANNEL MINE CLEARANCE AND SURVEILLANCE</b>                          | <b>7</b>  |
| Base ship for mine clearance and sonar towing vessel <sup>6</sup>       | 7         |
| <b>AUXILIARY SHIP</b>   | <b>2</b>  |
| Regional support ship <sup>7</sup>                                      | 2         |
| <b>TRAINING</b>   | <b>14</b> |
| Navy academy training ship and sailing boat <sup>8</sup>                | 14        |
| <b>EXPERIMENTATIONS AND TESTS SHIP</b>                                  | <b>3</b>  |

- 2 air defence frigates, 2 anti-aircraft frigates, 4 European multi-mission frigates, 3 anti-submarine frigates, 5 La Fayette-class frigates.
- 9 offshore patrol vessels, 3 coastal patrol boats, 2 P 400-class patrol ships, 2 Guyanese light patrol boats (PLG), 3 patrol ships (*Arago*, *Le Malin*, *Fulmar*), 1 Polar Logistic Vessel or PLV.

| EQUIPMENT  | AMOUNT    |
|--|-----------|
| <b>ON-BOARD AIRCRAFT</b>                                       | <b>45</b> |
| French Navy Rafale (including the M1 for flight tests)         | 42        |
| Hawkeye – E2C  | 3         |
| <b>MARITIME PATROL AIRCRAFT</b>                                | <b>22</b> |
| Atlantique 2   | 22        |
| <b>MARITIME SURVEILLANCE AIRCRAFT</b>                          | <b>13</b> |
| Falcon 50 M  | 8         |
| Falcon 200   | 5         |
| <b>COMBAT AND RESCUE HELICOPTER</b>                            | <b>56</b> |
| Caiman Marine (21), Panther (16), Lynx (16), Dauphin Pedro (3) | 56        |
| <b>SUPPORT AND PUBLIC SERVICE HELICOPTER</b>                   | <b>26</b> |
| Dauphin N and Dauphin N3+                                      | 8         |
| Alouette III   | 18        |
| <b>MARITIME SUPPORT AIRCRAFT</b>                               | <b>24</b> |
| Falcon 10 M  | 6         |
| Xingu  | 11        |
| Cap 10 M   | 7         |

- 3 multi-mission ships.
- 13 Landing Craft Mechanized (LCM), 4 Landing Catamaran (LCAT).
- 6 coastal patrol boats (Gendarmerie), 24 coastal surveillance cutters for maritime surveillance, 8 surveillance cutters for maritime and port surveillance.
- 4 base ships for mine clearance, 3 sonar towing vessels.
- 2 regional support ships.
- 8 training ships, 2 sailing schooners, 4 sailing cutters.

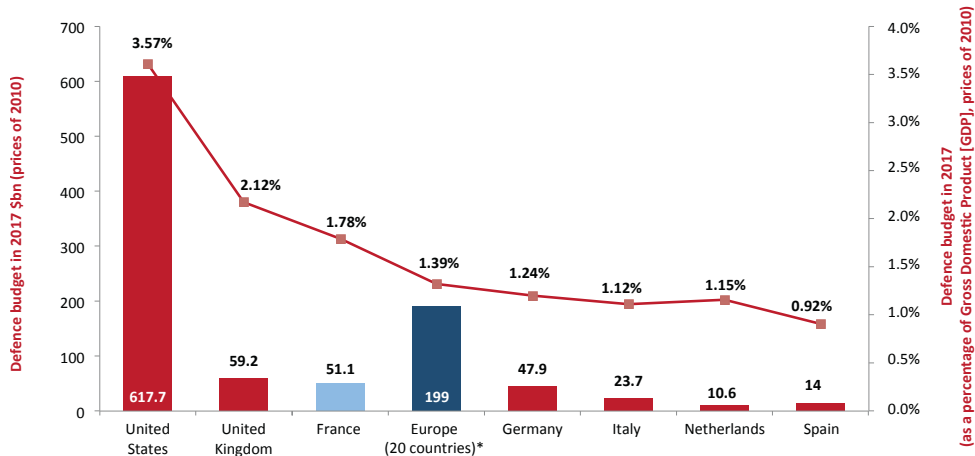
### 6.3 Air Force (figures on the 1st July 2018)

| EQUIPMENT   | AMOUNT     |
|---|------------|
| <b>COMBAT AIRCRAFT<sup>1</sup></b>  | <b>229</b> |
| Rafale (omnirole)   | 102        |
| Mirage 2000 N (nuclear and conventional assault)                            | 16         |
| Mirage 2000 D (conventional assault)  | 71         |
| Mirage 2000-5 and 2000 C (air defence)                                      | 40         |
| <b>TRANSPORT AIRCRAFT</b>   | <b>78</b>  |
| A340 and A310 (strategic airlift)   | 5          |
| C160 Transall (tactical transport)  | 18         |
| C130 Hercules (tactical transport)  | 14         |
| CN235 (tactical transport light)  | 27         |
| A400M Atlas (tactical transport with strategic range)                       | 14         |
| <b>SUPPORT AIRCRAFT</b>   | <b>20</b>  |
| C135FR and KC135 (tanker aircraft)  | 14         |
| E-3F SDCA (airborne detection command and control)                          | 4          |
| C160G (electromagnetic intelligence gathering)                              | 2          |
| <b>LIAISON AIRCRAFT</b>   | <b>27</b>  |
| A330, Falcon 7X, Falcon 900 and Falcon 2000 (aircraft for governmental use) | 7          |
| TBM 700 and DHC6 (liaison aircraft)   | 20         |

| EQUIPMENT   | AMOUNT     |
|---|------------|
| <b>TRAINING AIRCRAFT</b>                            | <b>139</b> |
| Epsilon (pilot's initial training) <sup>2</sup>     | 32         |
| Alphajet (fighter pilot's training)                 | 84         |
| Xingu (transport pilot's training)                  | 23         |
| <b>PRESENTATION TEAM</b>                            | <b>14</b>  |
| Alphajet Patrouille de France                       | 12         |
| Extra 300/330                                       | 2          |
| <b>HELICOPTER</b>                                   | <b>75</b>  |
| Fennec (Air defence - air security active measures) | 40         |
| Caracal (Combat Search and Rescue)                  | 10         |
| Super Puma and Puma (Transport, Search and Rescue)  | 25         |
| <b>UAV (DELIVERED BY AIR)</b>                       | <b>6</b>   |
| Reaper  | 6          |
| <b>GROUND-TO-AIR WEAPON SYSTEM</b>                  | <b>20</b>  |
| Crotale NG  | 12         |
| SAMP "Mamba"  | 8          |

1. Seven Mirage 2000 B are used for the mission of transformation of Mirage 2000 D and Mirage 2000-5. However, they are no longer recognized in the total of combat aircraft in so far as they are no longer armed. They will be kept until the Mirage 2000 D aircraft's withdrawal from service.
2. Management of training aircraft Grob 120 and Cirrus SR20 and SR22 has been outsourced.

## 7. Comparisons of the defence budget between the United States and European countries



\* European countries which are members of Nato (excluding UK).

Source: Nato - Statistical Memorandum (December 2017).

Field: including pensions.

Nota bene: the choice to count in dollars (prices of 2010) is based on the desire to be close to Nato source and not to introduce a bias linked to the choice of the euro/dollar exchange rate. Data is directly accessible on the Nato website.

## 8. The youth policy of the French Ministry for the Armed Forces (1/2)

### **Defence information day (JDC):**

**786,515 young people** have participated in the 18,237 sessions conducted by 6,621 trainers (active military personnel and reserve military personnel). (87.81% of young people were satisfied with the JDC.)

Including 33,992 who have been oriented to...

- ... the local missions: 18,235
- ... Voluntary Military Service (SMV): 2,820
- ... Adapted overseas military service (SMA): 2,815
- ... EPIDE (Establishments dedicated to integration into employment): 6,908

### **Voluntary Military Service (SMV):**

6 operational centres in mainland France have helped to promote professional integration and citizenship training for more than 800 young people in 2017, with an average age of 20.

72% rate of professional integration in more than 50 different types of jobs.

73% success rate on driving licence.

## 8. The youth policy of the French Ministry for the Armed Forces (2/2)

### **Plan for equal opportunity for young people implemented by the French Ministry for the Armed Forces (PEC):**

More than 30,000 young people have benefitted from support mechanisms of the PEC.

- **“Classes de défense et de sécurité globales”** (classes which have multi-year partnerships with a military unit among other things): 5,000 pupils, from 217 classes, have benefitted from it. There are 200 sponsor military units.
- **Centres of “cadets de la Défense”**: 714 young people (ages 14-15) from 161 schools; 20 centres for cadets (mainland France + overseas).
- **PMIP-DN (period of initiation into military life and of improvement in knowledge of national defence)**: nearly 12,500 young people (ages 16-30).
- **Courses**: 10,000 courses have been delivered to young people (from the third year of secondary school to seven year degree after the baccalaureate) by armed forces, departments and services of the French Ministry for the Armed Forces.
- **Defence secondary schools**: 360 reserved places for scholarship pupils in the 6 Defence secondary schools + 6 preparatory classes for higher education.
- **Tutoring**: 370 tutors (officer cadets) have supported 2,056 high school sponsees.
- **“Réservistes locaux à la jeunesse et à la citoyenneté (RLJC)”** (who inform the young people of various options to have access to Defence jobs): 171 RLJC have united 3,500 young people from priority areas around 500 citizen-based actions.

## 9. Glossary

**APM:** Military Criminal Affairs

**CBCM:** Ministerial Budget and Accounting Control Unit

**CGA:** General Inspectorate of the French armed forces

**DGA:** Defence Procurement Agency

**DGRIS:** Directorate General for International Relations and Strategy

**DGSE:** Directorate General for External Security

**DGSIC:** Directorate General for Information and Communication Systems

**DICoD:** Defence Information and Public Affairs Directorate

**DIRISI:** Joint Department of Infrastructure Networks and Information Systems

**DPID:** Directorate for Protection of Installations, Means and Activities of Defence

**DRH-MD:** Human Resources Department of the French Ministry for the Armed Forces

**DRM:** Directorate of Military Intelligence

**DRSD:** Directorate for Defence Intelligence and Security

**EMA:** Joint Staff

**IRSEM:** Institute for Strategic Research at the Military School

**JDC:** Defence information day

**LFI:** Initial Finance Law

**LOLF:** Organic Law relating to Finance Laws

**LPM:** Military Planning Law

**OPEX:** Overseas operations

**PEC:** Plan for equal opportunity for young people

**PMEA:** Ministerial Ceiling of Authorized Posts

**PR:** Presidency of the French Republic

**SCA:** Administrative, General Support and Legal Service

**SDBC:** Subdirectorate for offices (French minister for the Armed Forces' Cabinet)

**SEA:** Petrol, Oil and Lubricant Services

**SGA:** General Secretariat for Administration

**SIaé:** Aircraft Maintenance Service, i.e. State-owned aviation workshops group

**SID:** Defence Infrastructure Service

**SIMu:** Joint Ammunition Agency

**SMA:** Adapted overseas military service

**SMV:** Voluntary Military Service

**SSA:** Defence Health Service



## 10. For further information

*French Ministry for the Armed Forces website*

**[www.defense.gouv.fr](http://www.defense.gouv.fr)**

*Sources:*

- 2018 Initial Finance Law
- 2018 Defence Statistical Yearbook
- 2017 Social Report
- 2017 Defence and National Security Strategic Review
- 2019-2025 Military Planning Law

# Notes

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