

# DEFENCE KEY FIGURES

2013

EDITION



*Liberté • Égalité • Fraternité*

RÉPUBLIQUE FRANÇAISE

**MINISTÈRE  
DE LA DÉFENSE**



# Defence figures 2012 - 2013

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

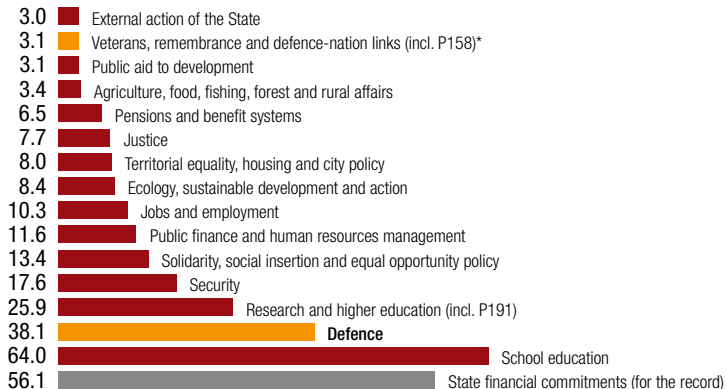
# Introduction

This brochure is a summary of the main figures concerning Defence. It gives details of the budget data (2013 Initial Finance Law), the number of personnel, the armed forces' equipment and the forces deployed outside Metropolitan France.

2013 is a year of transition between previous Military Programming Law and the new French White paper. However, the 2013 budget (whose financial resources are stable with regard to 2012 at 31.4 billion €) marks a change by favouring forces' training, whereas expenditures in the field of prospects and equipment are mainly preserved.

# 1. The State's main missions

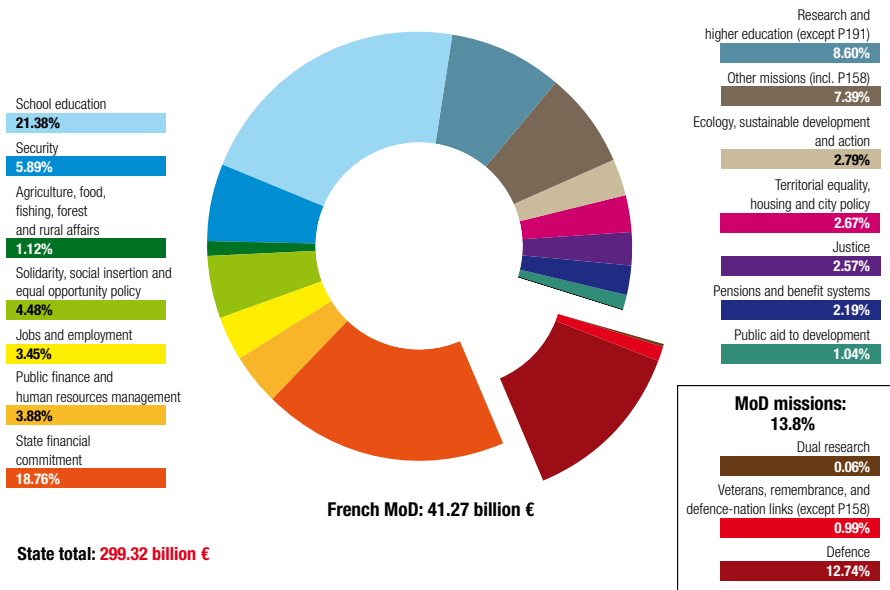
## 1.1 Distribution of budget appropriations among the missions of the State excluding State financial commitments (2013 Initial Finance Law)



Payment appropriations (PA) in billion €, pensions included.

\* Programme 158 (110 M€), entitled "Compensation for victims of anti-semitic persecutions and barbaric acts during World War II", is under the authority of Prime Minister's department. It aims at assuring compensation in aid of victims (or their assignees) of anti-semitic persecutions or barbaric acts committed during World War II.

## 1.2 The Defence budget (including pensions) within the budget of the State (2013 Initial Finance Law)



The budget of all three missions of the Ministry of Defence amounts to 13.8% (excluding 9.1% pensions).

## 2. Defence budget

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

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

In 2013, budget appropriations of the “Defence” mission are made up by exceptional receipts whose expected amount is almost 1.3 billion €. All in all, financial resources of the “Defence” mission amount to 31.4 billion € (excluding pensions) at the same level as that of 2012.

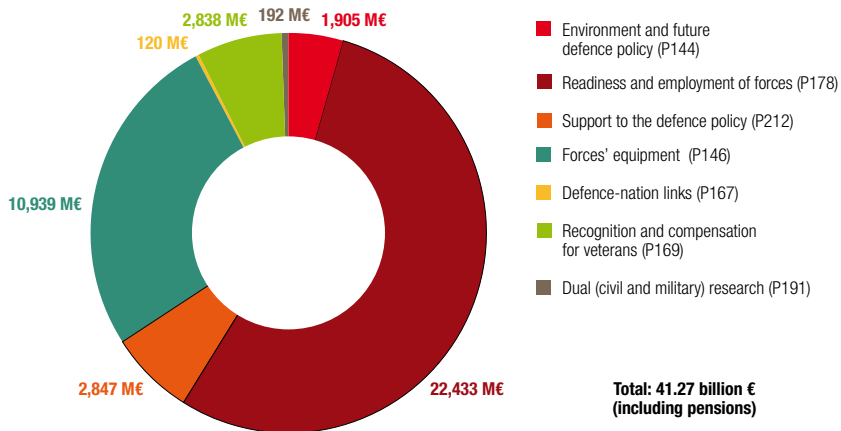
## 2.1 The Lolf-Format Defence budget

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



Missions	Programmes	Actions
<b>Defence</b>	<b>Support to defence policy (212)</b>	<ul style="list-style-type: none"> <li>Real state policy</li> <li>Information, administration and management systems</li> <li>Human resources policy</li> <li>Culture and education policy</li> <li>Restructurings</li> <li>Management, support and communication</li> </ul>
<b>Veterans, remembrance and defence-nation links</b>	<b>Defence-nation links (167)</b>	<ul style="list-style-type: none"> <li>Defence information day</li> <li>Remembrance policy</li> </ul>
	<b>Recognition and compensation for veterans (169)</b>	<ul style="list-style-type: none"> <li>Life debt management</li> <li>Management of war disability pensions rights</li> <li>Solidarity</li> <li>Compensations for health consequences of the French nuclear trials</li> </ul>
<b>Research and higher education</b>	<b>Dual (civil and military) research (191)</b>	<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 credits among programmes (2013 Initial Finance Law)



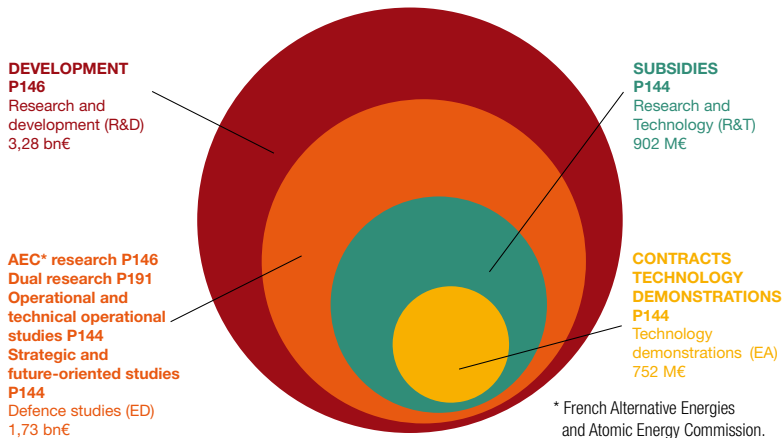
## 2.3 Breakdown of the “Defence” mission’s financial resources

<i>Billion current €</i>	2013 Initial Finance Law		
	Budget appropriations (excluding pensions)	Exceptional receipts	Total
Strategic operations			
Training (AOP)	1.2	-	1.2
Running and specific activities (FAS)	2.4	-	2.4
T2 & HT2 overseas operations	0.6	-	0.6
Programmes with major impact (PEM)	5.2	0.5	5.7
Other armament operations (AOA)	1.0	0.3	1.3
Scheduled equipment maintenance (EPM)	2.9	0.0	2.9
Defence infrastructures (INFRA)	0.6	0.2	0.8
Prospects and preparation of the future (PPA)	0.5	0.0	0.5
Deterrence (DIS)	3.2	0.2	3.4
Intelligence (RENS)	0.2	-	0.2
Scheduled staff management (EPP)	0.1	-	0.1
Support equipment (EAC)	0.8	-	0.8
Armament programmes environment (EPA)	0.1	-	0.1
Wage bill	11.2	-	11.2
<b>« Defence » mission total</b>	<b>30.1</b>	<b>1.3</b>	<b>31.4</b>
<i>including equipments</i>	<i>11.2</i>	<i>1.3</i>	<i>16.0</i>

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 Ministry of Defence fosters and supports industrial and technological innovation by providing around 10% of all Research and Development (R&D) funds in France, that is 3.28 billion € in payment appropriations.



*Each larger circle doesn't necessarily match the total sum of the inner circles.*

### 3. The ministry manpower in 2012\*

#### 3.1 Breakdown of personnel per programme in 2012

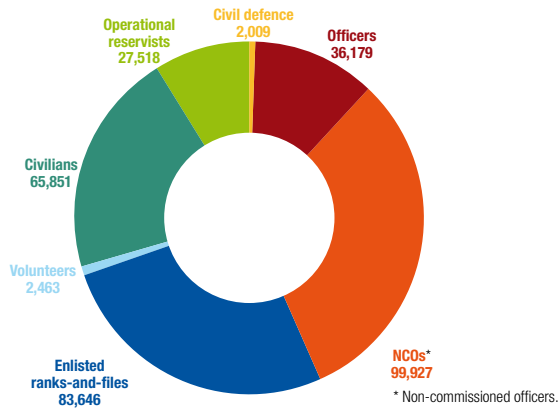
	SOLDIERS	CIVILIANS	TOTAL STAFF
<b>Defence</b>			
P144 - Environment and future defence policy	4,389	4,294	8,683
P178 - Readiness and employment of forces	211,038	41,990	253,028
P146 - Forces' equipment	3,236	8,816	12,052
P212 - Support to defence policy	3,153	9,651	12,804
<b>Veterans, remembrance and defence-nation links</b>			
P167 - Defence-nation links	399	1,100	1,499
<b>TOTAL</b>	<b>222,215</b>	<b>65,851</b>	<b>288,066</b>

Average age of soldiers: 32.7 years old.

Average age of civilian personnel: 47.2 years old.

\* Full-time equivalents (FTEs), which are annual average data.

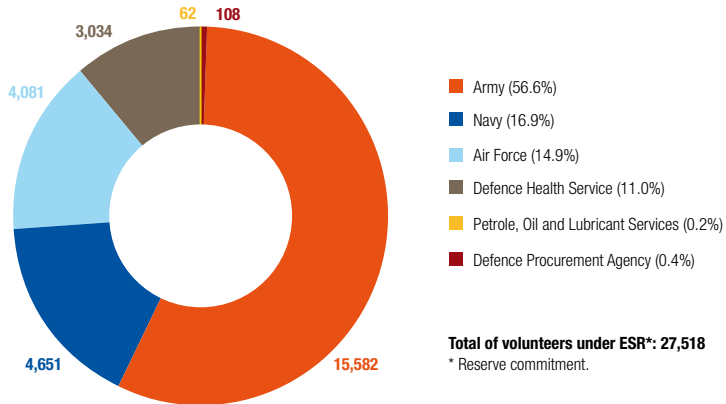
### 3.2 Breakdown of personnel per staff category in 2012



### 3.3 Breakdown of personnel per service and staff category in 2012

	ARMY	NAVY	AIR FORCE	MISCELLANEOUS	TOTAL
Officers	15,181	4,758	6,978	9,262	36,179
NCOs	41,011	24,643	27,360	6,913	99,927
Enlisted ranks-and-files	62,121	7,583	13,031	911	83,646
Volunteers	757	855	169	682	2,463
<b>SUBTOTAL</b>	<b>119,070</b>	<b>37,839</b>	<b>47,538</b>	<b>17,768</b>	<b>222,215</b>
Civilians	9,522	2,857	5,618	47,854	65,851
<b>TOTAL</b>	<b>128,592</b>	<b>40,696</b>	<b>53,156</b>	<b>65,622</b>	<b>288,066</b>

### 3.4 The operational reserve manpower in 2012

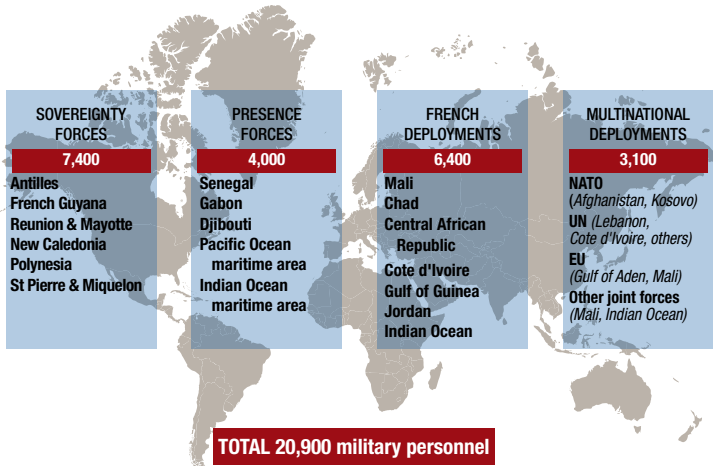


*Excluding national Gendarmerie*



## 4. French forces deployed outside Metropolitan France

• June 2013



## 5. Armed forces' equipment

### 5.1 Army (figures on the 31st December 2012)

EQUIPMENT	AMOUNT	EQUIPMENT	AMOUNT
<b>ARMoured VEHICLES</b>	<b>7,035</b>	<b>CONVENTIONAL ARTILLERY</b>	<b>441</b>
<i>Combat tanks</i>		155 mm self-propelled guns	157
Leclerc	254	VOA	92
<i>Tracked armoured vehicles</i>		120 mm mortars	192
VHM	53	<b>INFANTRY EQUIPMENT</b>	<b>10,170</b>
DCL (repair tanks)	18	Felin	
AMX 30 D	58	<b>ANTI-TANK WEAPON SYSTEMS</b>	<b>1,356</b>
EBG & SDPMAC*	54	Milan firing stations	550
<i>Wheeled vehicles</i>		Hot	30
AMX 10 RCR	256	Eryx	700
ERC 90 Sagaie	110	Javelin	76
VBCI	445	<b>HELICOPTERS</b>	<b>306</b>
Troop transport (all types of LAVs**)	3,121	All types of Gazelles	141
LAVs (PVP)	1,053	Tigre	39
LAVs (VBL-VB2L)	1,594	Cougar	23
Aravis	14	Puma SA 330	90
Buffalo	5	Caracal	8
		Caiman	5
		<b>GROUND-TO-AIR WEAPON SYSTEMS</b>	<b>226</b>
		Mistral firing stations	

\* Pyrotechnic mine disposal system for anti-tank mines.

\*\* Light armoured vehicles.

## 5.2 Navy (figures on the 31st December 2012)

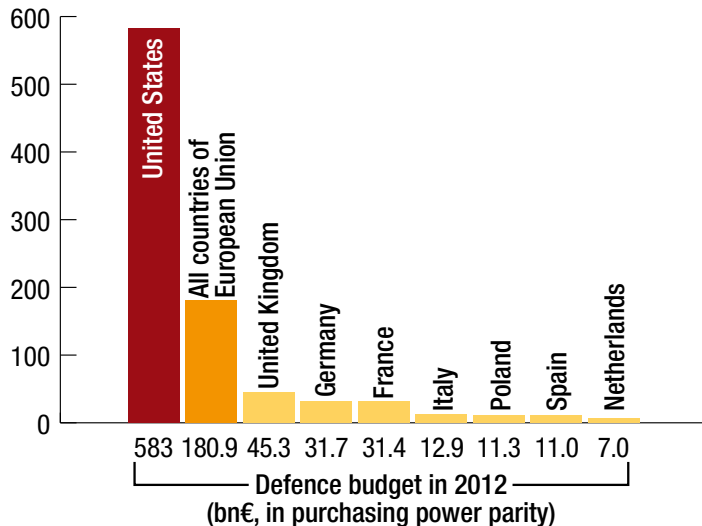
EQUIPMENT	AMOUNT	EQUIPMENT	AMOUNT
<b>COMBAT AND SUPPORT SHIP</b>	<b>75</b>	<b>ON-BOARD AIRCRAFT</b>	<b>63</b>
Nuclear-powered ballistic missile submarine	4	Modernized Super-Etendard	27
Nuclear-powered attack submarine	6	Rafale	33
Aircraft carriers	1	Hawkeye – E2C	3
Landing dock (LHD/LPD)	4	<b>MARITIME PATROL AIRCRAFT</b>	<b>22</b>
1 <sup>st</sup> rank frigate <sup>1</sup>	17	Atlantique 2	
Surveillance frigate	6	<b>MARITIME SURVEILLANCE</b>	<b>9</b>
Offshore patrol vessel <sup>2</sup>	18	Falcon 200	5
Southern Ocean patrol vessel	1	Falcon 50	4
Mine counter-measure vessel	11	<b>COMBAT AND RESCUE HELICOPTER</b>	<b>49</b>
Support ship <sup>3</sup>	4	Lynx (22), Panther (16), Dauphin Pedro (3), Caiman Marine (Navy) (8)	
Light support ship	3	<b>PUBLIC SERVICE HELICOPTER</b>	<b>10</b>
<b>AMPHIBIOUS CRAFT</b>	<b>21</b>	EC225	2
LCU, LCAT		Dauphin SP	8
<b>POLICE AT SEA AND SURVEILLANCE</b>	<b>30</b>	<b>MARITIME SUPPORT AVIATION</b>	<b>56</b>
Patrol boat and costal cutter <sup>4</sup>		Alouette III (25), Falcon 10 (6), Xingu (11), Rallye (7), Cap 10 (7)	
<b>NAUTICAL INFORMATION</b>	<b>5</b>		
Ocean going hydrographic vessel			
<b>CHANNEL MINE CLEARANCE AND SURVEILLANCE</b>	<b>7</b>		
Base ship for mine clearance and sonar towing vessel			
<b>AUXILIARY SHIP</b>	<b>13</b>		
Assistance, rescue, support and pollution control ship and ocean going tug <sup>5</sup>			
<b>TRAINING</b>	<b>14</b>		
Navy academy training ship and sailing boat <sup>6</sup>			
<b>SCIENTIFIC SHIP</b>	<b>3</b>		
Testing and experimentation ship			

- 1 - 2 anti-aircraft frigates, 2 air defence frigates, 7 anti-submarine frigates, 5 Lafayette-class light frigates, 1 European multi-mission frigates.
- 2 - 9 corvettes, 4 coastal patrol vessels, 5 public service patrol ships.
- 3 - 3 command and refuelling ships, 1 refuelling platform ship.
- 4 - 5 coastal patrol boats (Gendarmerie), 25 coastal surveillance cutter (Gendarmerie).
- 5 - 4 intervention, assistance and safety tugs, 2 sea tugboats, 3 regional support ships, 4 support assistance and cleaning-up ships.
- 6 - 8 training ships, 2 sailing schooners, 4 sailing cutters.

### 5.3 Air Force (figures on the 31st December 2012)

EQUIPMENT	AMOUNT	EQUIPMENT	AMOUNT
<b>COMBAT AIRCRAFT</b>	<b>225</b>	<b>LIAISON AIRCRAFT</b>	<b>27</b>
Rafale (all-purpose)	68	A330, Falcon 7X, Falcon 900 and Falcon 50 (aircraft for governmental use)	7
Mirage 2000N (nuclear and conventional assault)	23	TBM 700 and DHC6 (liaison aircraft)	20
Mirage 2000D and M F1 CT (conventional assault)	63	<b>TRAINING AIRCRAFT</b>	<b>164</b>
Mirage 2000-5 and M 2000C (Air defence)	44	Grob 120, Epsilon, Cirrus SR20 and SR22 (pilot's initial training)	81
Mirage F1 CR (Tactical Air Reconnaissance)	17	Alpha Jet (fighter pilot's training)	60
Mirage 2000B and M F1 B (transformation)	10	Xingu (transport pilot's training)	23
<b>DEVELOPMENT AIRCRAFT</b>	<b>16</b>	<b>PERFORMANCE TEAMS</b>	<b>15</b>
Rafale	5	Alpha Jet (Patrouille de France)	12
Mirage 2000	8	Extra 300 (aerial acrobatics)	3
Alpha Jet	3	<b>HELICOPTERS</b>	<b>83</b>
<b>TRANSPORT AIRCRAFT</b>	<b>84</b>	Fennec (Air defence - air security active measures)	41
A340 and A310 (strategic airlift)	5	Caracal and Cougar (Combat Search and Rescue)	12
C160 and C130 (tactical transport)	52	Super Puma and Puma (Transport, Search and Rescue)	30
CN235 (light freight)	27	<b>UAVs</b>	<b>4</b>
<b>SUPPORT AIRCRAFT</b>	<b>20</b>	Harfang	
C135FR and KC 135R (tanker aircraft)	14	<b>GROUND-TO-AIR WEAPON SYSTEMS</b>	<b>20</b>
E-3F SDCA (airborne detection command and control)	4	Crotale NG	12
C160G (electromagnetic intelligence gathering)	2	SAMP "Mamba"	8

## 6. Comparisons between the United States and the European Union



\* Excluding pensions.

For further information

*Ministry of Defence website*

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

*Sources:*

- 2013 Initial Finance Law
- 2012/2013 Defence Statistical Yearbook
- 2012 Social Report
- 2013 French White paper on Defence and National Security

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# Notes



