

# DEFENCE KEY FIGURES

2012

EDITION



*Liberté • Égalité • Fraternité*

RÉPUBLIQUE FRANÇAISE

**MINISTÈRE  
DE LA DÉFENSE**



# Defence figures 2011 - 2012

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

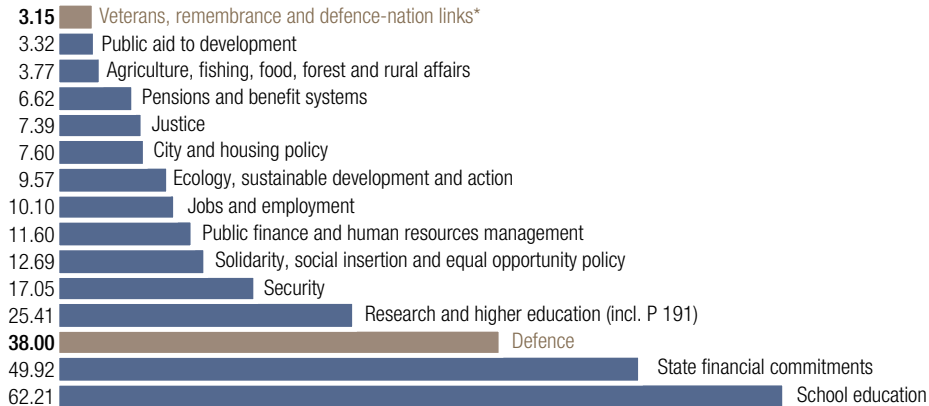
## Introduction

This brochure is a summary of the main figures concerning Defence. It gives details of the budget items (Budget Act 2012), the numbers of personnel in 2011, the armed forces' equipment and the forces deployed outside metropolitan France.

2012 is the fourth year of the 2009-2014 Military Programming Law, and it manages to keep to its guidelines and priorities on the whole. Whilst continuing with its modernization and adaptation, the Ministry of Defence is contributing to the efforts to reduce public deficits and is successfully fulfilling the missions it is entrusted with.

# 1. The main activities of the State

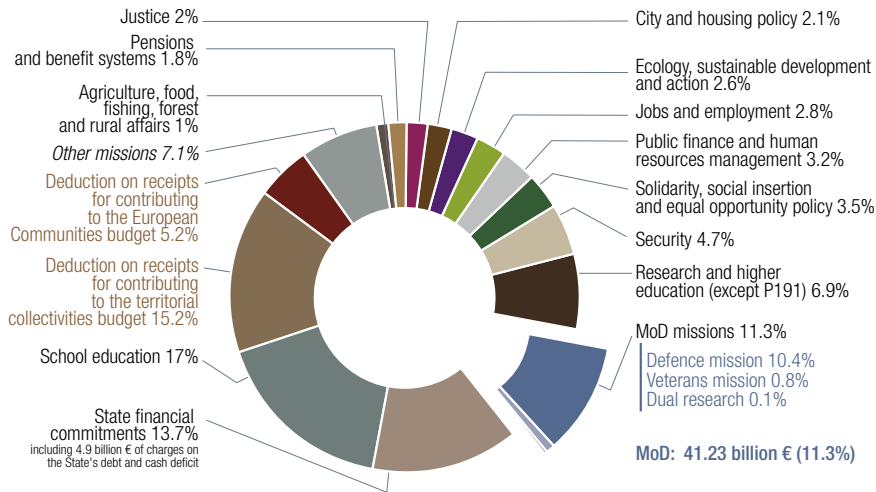
## 1.1 Distribution of budget appropriations among the missions of the State (2012 Initial Finance Law)



In payment appropriations (PA) in billion € – including pensions.

\*Including the P158 (116 M €) as part of the Prime Minister's department.

## 1.2 The Defence budget within the budget of the State (2012 Initial Finance Law) in expanded standard\*



### \* STATE TOTAL

Expanded standard: 365.18 billion €

For the record: State budget = 290.71 billion €

MoD / State budget = 14.2%

including Defence mission = 13.1%

**MoD: 41.23 billion € (11.3%)**

The budget of all three missions of the Ministry of Defence amounts to 11.3% (including 9.2% 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”.

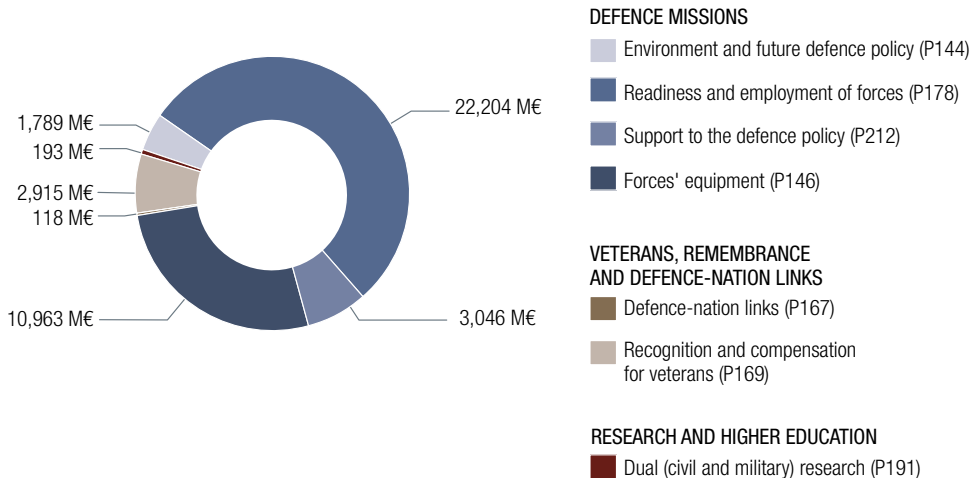
## 2.1 The LOLF-Format Defence budget

MISSIONS	PROGRAMMES	ACTIONS
Defence	<p><b>Environment and future defence policy</b></p> <p>(144)</p>	<p>Strategic analysis</p> <p>Future force systems analysis</p> <p>Collection and processing of intelligence pertaining to French security</p> <p>Control of technological and industrial capabilities</p> <p>Support to exports</p> <p>Defence diplomacy</p>
	<p><b>Forces' equipment</b></p> <p>(146)</p>	<p>Deterrence</p> <p>Command and information management</p> <p>Deployment – mobility – support</p> <p>Engagement and combat</p> <p>Protection and safety</p> <p>Preparation and leading of armament operations</p> <p>Foreign shares and civilian programmes</p>
	<p><b>Readiness and employment of forces</b></p> <p>(178)</p>	<p>Capacity planning and conduct of operations</p> <p>Readiness of land forces</p> <p>Readiness of naval forces</p> <p>Readiness of air forces</p> <p>Logistics and joint services support</p> <p>Cost overruns related to deployments abroad</p> <p>Cost overruns related to domestic deployments</p>



MISSIONS	PROGRAMMES	ACTIONS
<b>Defence</b>	<b>Support to defence policy (212)</b>	Direction and management Supervision Central management and outer bodies Real estate policy Information, administration and management systems Support to human resources policy Promotion and development of the cultural heritage Communication Restructurings
<b>Veterans, remembrance and defence-nation links</b>	<b>Defence-nation links (167)</b>	Defence information day Remembrance policy
	<b>Recognition and compensation for veterans (169)</b>	Life debt management Management war disability pensions rights Solidarity Support Compensations for health consequences of the French nuclear trials
<b>Research and higher education</b>	<b>Dual (civil and military) research (191)</b>	Dual research in life sciences Dual research in information and communication sciences and technology Dual research in aerospace Other dual research and technological developments

## 2.2 Sharing out of credits among programmes (2012 Initial Finance Law)



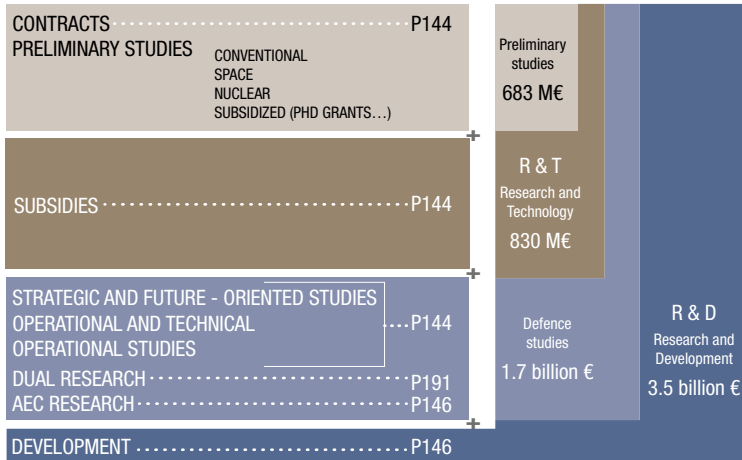
## 2.3 Breakdown of credits per title - including pensions

PROGRAMMES IN M€	2012 (INITIAL FINANCE LAW)					
	TITLE 2	TITLE 3	TITLE 5	TITLE 6	TITLE 7	TOTAL*
<b>Defence</b>						
P144	596.83	1,003.88	137.83	50.46	-	1,788.99
P146	1,893.66	1,244.24	7,816.99	7.62	-	10,962.51
P178	15,533.88	6,029.53	434.26	206.74	-	22,204.40
P212	1,171.15	894.11	936.22	35.18	8.87	3,045.52
<b>TOTAL</b>	<b>19,195.51</b>	<b>9,171.76</b>	<b>9,325.29</b>	<b>300.00</b>	<b>8.87</b>	<b>38,001.43</b>
<b>Veterans, remembrance and defence-nation links</b>						
P167	86.77	22.22	1.83	7.21	-	118.02
P169	-	74.83	-	2,839.78	-	2,914.60
<b>TOTAL</b>	<b>86.77</b>	<b>97.05</b>	<b>1.83</b>	<b>2,846.98</b>	<b>-</b>	<b>3,032.62</b>
<b>Research and higher education</b>						
P191	-	33.45	-	-	159.42	192.87
<b>DEFENCE BUDGET TOTAL</b>	<b>19,282.28</b>	<b>9,302.26</b>	<b>9,327.11</b>	<b>3,146.98</b>	<b>168.29</b>	<b>41,226.92</b>
* Plus 1,093 M€ non-recurring income.						

Title 2: staff costs - Title 3: running costs - Title 5: investment costs - Title 6: intervention costs - Title 7: financial operations costs.

## 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 3.5 billion € in payment appropriations.



### 3. The ministry manpower as at 2011\*

#### 3.1 Breakdown of personnel per programme as at 2011

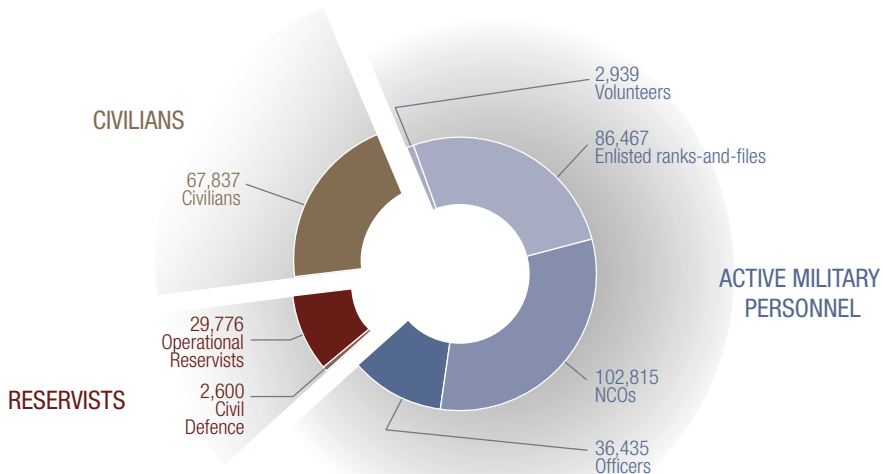
	MILITARY	CIVILIANS	TOTAL STAFF
DEFENCE	228,132	66,098	294,230
P144 Environment and future defence policy	4,427	4,191	8,618
P146 Forces' equipment	3,226	9,314	12,540
P178 Readiness and employment of forces	217,376	43,512	260,888
P212 Support to defence policy	3,103	9,081	12,184
VETERANS, REMEMBRANCE AND DEFENCE-NATION LINKS	524	1,739	2,263
P167 Defence-nation links	524	1,421	1,945
P169 Recognition and compensation for veterans	0	318	318
<b>TOTAL MANPOWER PER CATEGORY</b>	<b>228,656</b>	<b>67,837</b>	<b>296,493</b>

\* ETPT.

Average age of military personnel: 32.6 years old.

Average age of civilian personnel: 46.8 years old.

### 3.2 Breakdown of personnel per staff category as at 2011

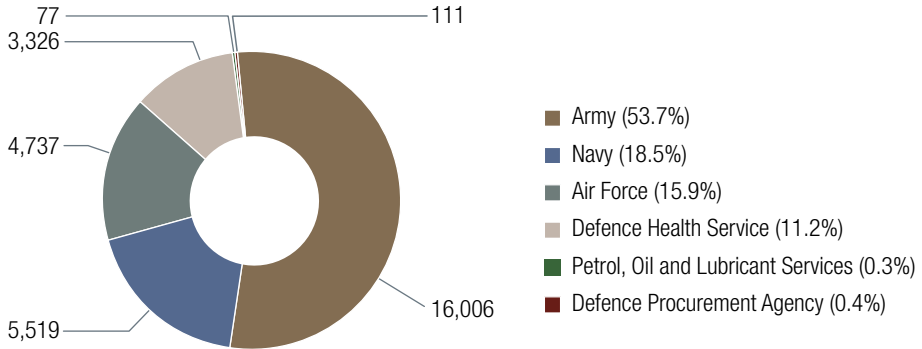


### 3.3 Breakdown of personnel per service and staff category as at 2011

	ARMY	NAVY	AIR FORCE	MISCELLANEOUS*	TOTAL
Officers	15,379	4,787	7,068	9,201	36,435
NCOs	41,943	25,303	28,536	7,033	102,815
Enlisted ranks-and-files	64,007	7,608	13,947	905	86,467
Volunteers	999	945	276	719	2,939
<b>SUBTOTAL</b>	<b>122,328</b>	<b>38,643</b>	<b>49,827</b>	<b>17,858</b>	<b>228,656</b>
Civilians	14,920	4,752	6,706	41,459	67,837
<b>TOTAL</b>	<b>137,248</b>	<b>43,395</b>	<b>56,533</b>	<b>59,317</b>	<b>296,493</b>

\*SSA, DIRISI, OIAS, SEA, SCA, SIMu, DGA, SGA, DICOd, DPSD, DRM, DGSE, APM, CGA and PIA.  
 Coverage : civilian personnel (with and without rank) and State employed personnel under PME.A.

### 3.4 The operational reserve manpower as at 2011



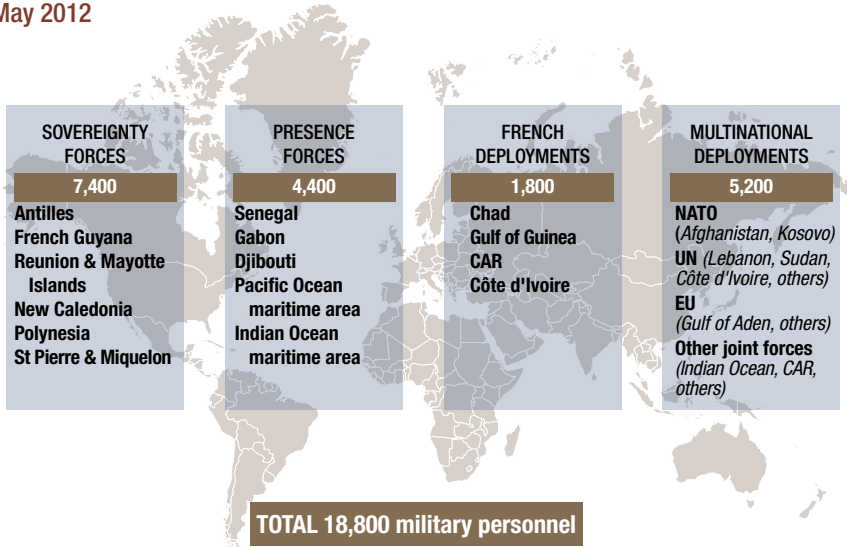
Total of volunteers under ESR\*: 29,776

\* Reserve commitment.



# 4. French forces deployed outside metropolitan France

May 2012



## 5. Armed forces equipment

### 5.1 Army (Figures on the 31th December 2011)

EQUIPMENT	AMOUNT	EQUIPMENT	AMOUNT
<b>ARMoured VEHICLES</b>	<b>7,299</b>	<b>CONVENTIONAL ARTILLERY</b>	<b>341</b>
<i>Combat tanks</i>		155 mm self-propelled guns	150
Leclerc	254	VOA	99
<i>Tracked armoured vehicles</i>		120 mm mortars	92
VHM	27	<b>INFANTRY EQUIPMENT</b>	<b>7,143</b>
DCL (repair tanks)	18	Felin	
AMX 30 D	58	<b>ANTI-TANK WEAPON SYSTEMS</b>	<b>1,138</b>
AMX 10P	158	Milan firing stations	540
EBG & SDPMAC* (42+12)	54	Hot	30
<i>Wheeled vehicles</i>		Eryx	492
AMX 10 RCR	256	Javelin	76
ERC 90 Sagaie	152	<b>HELICOPTERS</b>	<b>307</b>
VBCI	390	All types of Gazelle	153
Troop transport (LAVs of all types)	3,170	Tigre	30
Light armoured vehicles (PVP)	1,133	Cougar	23
Light armoured vehicles (VBL-VB2L)	1,610	Puma SA 330	92
Aravis	14	Caracal	8
Buffalo	5	Caïman	1
		<b>GROUND-TO-AIR WEAPON SYSTEMS</b>	<b>226</b>
		Mistral firing stations	226

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

## 5.2 Navy (Figures on the 31th December 2011)

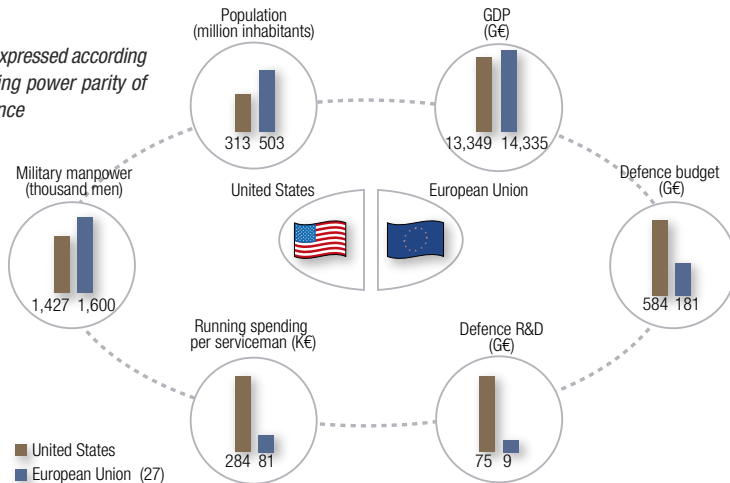
EQUIPMENT	AMOUNT	EQUIPMENT	AMOUNT
<b>TOTAL COMBAT AND SUPPORT SHIPS</b>	<b>75</b>	<b>POLICE AND SURVEILLANCE</b>	<b>30</b>
Submarine Ships, Ballistic, Nuclear	4	Patrol boats (gendarmerie)	5
Nuclear-powered attack submarines	6	Coastal cutters (gendarmerie)	25
Aircraft carrier	1	<b>NAUTICAL INFORMATION</b>	<b>5</b>
Force projection and command ships	3	Oceanographic ships	2
Landing Ship Dock	1	Hydrographic ships	3
Anti-aircraft frigates (2), Air Defence frigates (2)	4	<b>AUXILIARY SHIPS</b>	<b>13</b>
Anti-submarines frigates (F70, F67)	8	Assistance, rescue, support and cleaning-up ships and sea tugboats <sup>3</sup>	
La Fayette frigates	5	<b>CHANNEL MINE CLEARANCE AND SURVEILLANCE</b>	<b>7</b>
Surveillance frigates	6	Bases ships for mine clearance personnel/divers	4
Offshore patrol vessels <sup>1</sup>	10	Sonar tugboats	3
Coastal patrol vessels (4 P400, 3 PSP, 2 PAT)	9	<b>TRAINING</b>	<b>14</b>
Mine sweepers	11	Training ships (10, that is 8 BE and 2 BIN), sailing boats (4)	
Floating base supports	4	<b>SCIENTIFIC SHIPS</b>	<b>3</b>
Light support ships	3	Testing and experimentation ships	
<b>TOTAL (ON-BOARD AND PATMAR)</b>	<b>94</b>	<b>TOTAL OTHER AERIAL RESOURCES</b>	<b>114</b>
<b>ON-BOARD AIRCRAFT</b>	<b>62</b>	<b>COMBAT AND RESCUE HELICOPTERS</b>	<b>48</b>
Modernized Super Etendard (27), Hawkeye E2C (3)	30	Lynx (22), Panther/HC4 (16), Dauphin Pedro (3), Caiman (7)	
Rafale	32	<b>PUBLIC SERVICE HELICOPTERS</b>	<b>10</b>
<b>MARITIME PATROL AIRCRAFT - Atlantique 2</b>	<b>22</b>	EC225 (2), Dauphin SP including those in Polynesia (8)	
<b>MARITIME SURVEILLANCE</b>	<b>10</b>	<b>MARITIME SUPPORT AVIATION</b>	<b>56</b>
Falcon 200 (5), Falcon 50 (5)		Alouette III (25), Falcon 10 (6), Xingu (11)	42
<b>TOTAL OTHER NAVAL RESOURCES</b>	<b>92</b>	Rallye (7), Cap 10 (7)	14
<b>AMPHIBIOUS CRAFT</b>	<b>20</b>		
CDIC and EDA (4), CTM <sup>2</sup> (16)			
1 - 9 avisoes, 1 coastal patrol vessel. 2 - 5 CTM handed over by the Army in 2010.		3 - 4 assistance and rescue tugs, 2 sea tugboats, 3 regional support ships, 4 support assistance and cleaning-up ships.	

### 5.3 Air Force (Figures on the 1st September 2011)

EQUIPMENT	AMOUNT	EQUIPMENT	AMOUNT
<b>COMBAT AIRCRAFT</b>	<b>273</b>	<b>LIAISON AIRCRAFT</b>	<b>27</b>
Rafale (all-purpose)	58	A330, Falcon 7X, Falcon 900 and Falcon 50 (aircraft for governmental use)	7
Mirage 2000N (nuclear and conventional assault)	23		
Mirage 2000D and Mirage F1 CT (conventional assault)	67	TBM700 and DHC6 (liaison aircraft)	20
Mirage 2000-5 / Mirage 2000C (Air defence)	48	<b>TRAINING AIRCRAFT</b>	<b>88</b>
Mirage F1 CR (Tactical Air Reconnaissance)	17	Alpha Jet (fighter pilot's training)	65
Mirage 2000B and Mirage F1B (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
M 2000	8	Extra 300 (aerial acrobatics)	3
Alpha Jet	3	<b>HELICOPTERS</b>	<b>84</b>
<b>TRANSPORT AIRCRAFT</b>	<b>82</b>	Fennec (Air defence - aerial security active measures)	41
A340 and A310 (strategic airlift)	5	Caracal and Cougar (Combat Search And Rescue)	13
C130 and C160 (tactical transport)	53	Super Puma and Puma (transport)	30
CN235 (light freight)	24	<b>UAVs</b>	<b>4</b>
<b>SUPPORT AIRCRAFT</b>	<b>20</b>	Harfang	
C135FR et 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-T	8

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

*Data for 2011 expressed according to the purchasing power parity of the euro in France*



## For further information

*Ministry of Defence website*

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

*Sources:*

- 2012 Initial Finance Law
- 2011-2012 Defence Statistical Yearbook
- 2011 Social Report
- 2008 White Paper on Defence and National Security

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# Notes