



**MINISTÈRE
DES ARMÉES**

*Liberté
Égalité
Fraternité*



DEFENCE KEY FIGURES

2021 EDITION

Defence key figures - 2021

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NB: throughout this brochure, the marginal difference that may exist in the totals is due to rounded-off figures.

Introduction



In 2021, in accordance with the French Military Planning Law, the defence budget reaches up to 39.2 billion euros, which represents 1.7 billion euros more than a year ago and 7 billion euros more than back in 2017. These 39.2 billion euros are dedicated to preparing the French armed forces to address tomorrow's challenges and to fulfill their primary duty, which is protecting the French people and territory.

First and foremost, this budget is about modernizing the French armed forces:

- 739 UAVs in the Army in 2021 versus 98 in 2020;
- 260 Griffon new generation armoured vehicles;
- 2 FREMM multi-purpose destroyers, 1 Suffren-class submarine and 1 renovated La Fayette-class stealth destroyer have been delivered since the beginning of the 2019-2025 Military Planning Law;
- 22 Atlantique 2 aircraft, including 5 renovated ones which benefit from new sensors for detection of even more discrete submarines;
- 4 MRTT Phénix (strategic tanker and transport aircraft) for Air and Space Force. These aircraft have been intensively used this year during the airlift between Kabul and Paris for the evacuees from Afghanistan to land in France;
- 12 armed UAVs are currently used to fight terrorism in the Sahel region.

Secondly, this budget is also about innovation:

- 901 million euros in contracts and subsidies for R&T projects to support research, participatory innovation, innovation projects issued from the civilian domain and technology demonstrations;
- more than 100 new defence technology projects aiming at integration in future defence systems;

- 21 agreements developing international cooperation in defence innovation;
- 220 million euros devoted to the Defence Innovation Fund aiming at supporting start-ups and SMEs which develop innovative technologies of interest for defence.

Furthermore, this budget acknowledges military personnel and their families as a top priority for the French defence system:

- 718 new housing units have already been ordered so far for the families of the personnel of the French Ministry for the Armed Forces;
- 150,000 family "passes" for rail transport have been delivered;
- 22% of additional childcare places.

Finally, this budget addresses one constant goal: protecting France and French people. More than 30,000 French military personnel are currently deployed on the field.

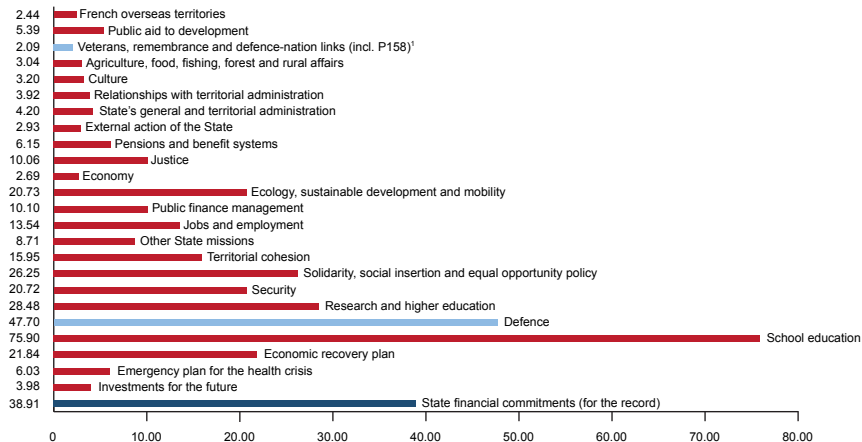
These 2021 key figures regarding the French Ministry for the Armed Forces are reported in the following pages. They are often more significant than words for the reader to appreciate the higher-powered force of the French armed forces that has been building up since 2017.

Beyond this punctual level of information, the tracking of the Military Planning Law objectives is made available online at the following address: <https://barometre-lpm.defense.gouv.fr/barometre-lpm>. The website enables everyone to assess the concrete effects of such a financial effort made by the French people in order to repair and modernize its armed forces.

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 reimbursements and rebates (2021 Initial Finance Law [LFI])



Payment appropriations (PA) in billion euros, including pensions.

1. Programme 158, entitled "Compensation for victims of anti-semitic persecutions and barbaric acts during World War II" (93.2 million euros), is under the authority of the Prime Minister. It aims to provide compensation to aid victims (or their assignees).

1.2 The French Ministry for the Armed Forces budget within the budget of the State (2021 Initial Finance Law)

State financial commitments
(for the record)

10.1%

State's general and territorial
administration

1.1%

Agriculture, food, fishing,
forest and rural affairs

0.8%

Public aid to development

1.4%

Other State missions¹

5.2%

Territorial cohesion

4.1%

Ecology, sustainable
development and mobility

5.4%

School education

19.7%

Public finance management

2.6%

Investments for the future

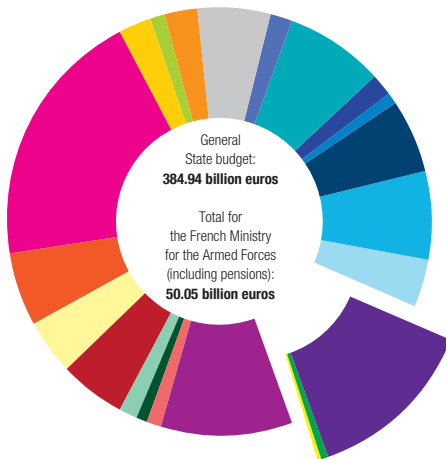
1.0%

Justice

2.6%

Economic recovery plan

5.7%



Emergency plan
for the health crisis

1.6%

Research
and higher education

7.4%

Pensions and benefit systems

1.6%

Relationships with territorial administration

1.0%

Security

5.4%

Solidarity, social insertion
and equal opportunity policy

6.8%

Jobs and employment

3.5%

French Ministry for the Armed Forces: 13%

Defence

12.4%

Veterans, remembrance
and defence-nation links

0.5%

Economic recovery plan

0.1%

The French Ministry for the Armed Forces has credits which are allocated to three missions and which constitute 13% of the general State budget (excluding pensions: 10.6%).

1. French overseas territories, Culture, External action of the State...

2. The defence budget

The Budget System Law (LOLF: "loi organique relative aux lois de finances") sets out the budget according to an allocation of credits for missions, programmes and actions.

Three budgetary missions are thus usually allocated to the French Ministry for the Armed Forces: the "Defence" mission as such and 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" (P191). In 2021, the Ministry is also concerned by the "Economic recovery plan" mission through credits from the "Ecology" programme (P362) and the "Competitiveness" programme (P363). Exceptionally, in 2021, the latter programme integrates the credits which are usually in the P191 programme; consequently no budgetary credits will be allocated to P191 this year.

The total budget of the French Ministry for the Armed Forces is 50.05 billion euros (including pensions) in 2021.

The budget for the "Defence" mission amounts to 39.2 billion euros (excluding pensions), namely 1.7 billion euros more than in 2020. This budget does not include resources from sales but only budgetary resources, in accordance with the trajectory of credits for the 2019-2025 Military Planning Law (LPM).

2.1 The LOLF-format Defence budget

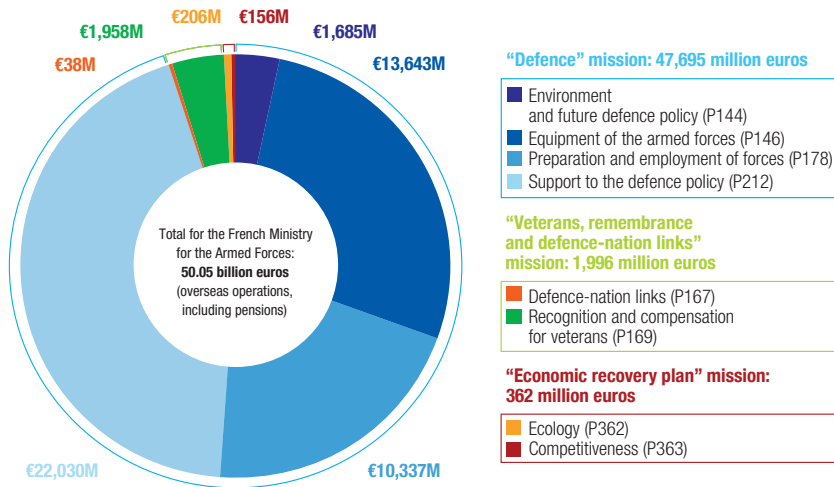
Missions	Programmes	Actions
Defence	Environment and future defence policy (P144)	<ul style="list-style-type: none"> Collection and processing of intelligence pertaining to French security Future defence analysis International relations and defence diplomacy
	Equipment of the armed forces (P146)	<ul style="list-style-type: none"> Deterrence Command and information management Deployment – mobility – support Deployment and combat Protection and safety Preparation and management of armament operations Foreign shares and civilian programmes
	Preparation and employment of forces (P178)	<ul style="list-style-type: none"> Capacity planning and conduct of operations Preparation of land forces Preparation of naval forces Preparation of air forces Logistics and joint services support Cost overruns related to deployments abroad Cost overruns related to domestic deployments

Missions	Programmes	Actions
Defence	Support to defence policy (P212)	<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 - Personnel working for the "Environment and future defence policy" programme</p> <p>Future defence - Personnel working for the "Environment and future defence policy" programme</p> <p>International relations</p> <p>Preparation and management of armament operations - Personnel working for the "Equipment of the armed forces" programme</p> <p>Capacity planning and conduct of operations - Personnel working for the "Preparation and employment of forces" programme</p> <p>Preparation of land forces - Personnel working for the "Preparation and employment of forces" programme</p>

Missions	Programmes	Actions
Defence	Support to defence policy (P212)	<p>Preparation of naval forces - Personnel working for the "Preparation and employment of forces" programme</p> <p>Preparation of air forces - Personnel working for the "Preparation and employment of forces" programme</p> <p>Logistics and joint services support - Personnel working for the "Preparation and employment of forces" programme</p> <p>Cost overruns related to operations - Personnel working for the "Preparation and employment of forces" programme</p> <p>Real estate - Personnel working for the "Real estate" effort</p> <p>Social action, unemployment and pensions</p> <p>Culture and education policy - Management and communication of Defence historical archives - Personnel working for the "Culture and education policy" effort</p> <p>Restructuring programme - Human resources</p> <p>Management, support - Personnel working for the "Management, support" effort</p> <p>Defence information day - Personnel working for the "Defence-nation links" 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 (P167)	Armed forces-youth links Remembrance policy
	Recognition and compensation for veterans (P169)	Invalidity and surviving widow(er)'s pensions Rights management for war disability pensions Solidarity Policy in favour of repatriates
Economic recovery plan	Ecology (P362)	Energy renovation
	Competitiveness (P363)	Technological sovereignty and resilience
Digital upgrade of the State, of the territories and of the companies - Modernization of the sovereign administrations		

2.2 Breakdown of budgetary credits by programme



As a reminder: the marginal difference that may exist in the totals in the graph is due to rounded-off figures.

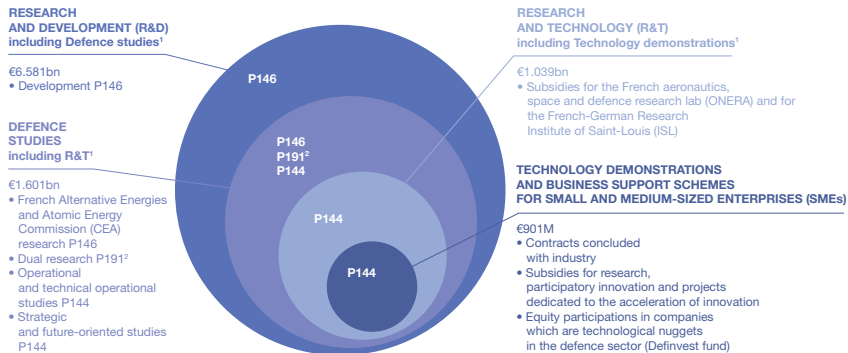
2.3 Breakdown of the “Defence” mission budgetary resources (2021 Initial Finance Law)

Strategic operations	2021 resources in billion euros	
Total cost of salaries (T2) excluding overseas operations	11.9	Total cost of salaries 12.3 billion euros
T2 overseas operations (provisions)	0.3	
T2 homeland Defence missions	0.1	
Training (AOP)	1.3	Excluding equipment 4.6 billion euros
Running costs and specific activities (FAS)	2.5	
Excluding T2 overseas operations (provisions)	0.8	
Excluding T2 homeland Defence missions	0.03	
Other armament operations (AOA)	1.4	Equipment 22.3 billion euros
Nuclear deterrence (DIS)	5.0	
Support equipment (EAC)	1.2	
Armament programmes environment (EPA)	0.1	
Scheduled equipment maintenance (EPM)	4.1	
Scheduled staff management (EPP)	0.3	
Defence infrastructures (INFRA)	1.5	
Programmes with major impact (PEM)	7.6	
Prospects and preparation of the future (PPA)	0.7	
Intelligence (RENS)	0.4	
“Defence” mission total excluding pensions	39.2	
Pensions	8.5	
“Defence” mission total including pensions	47.7	

As a reminder: the marginal difference that may exist in the totals in the table is due to rounded-off figures.

2.4 Support to Defence Research and Development

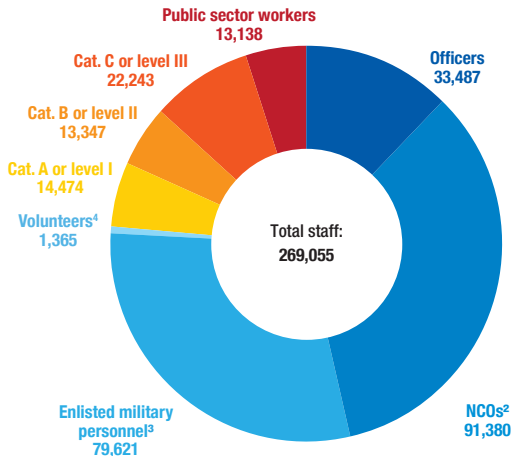
The French Ministry for the Armed Forces fosters and supports industrial and technological innovation throughout the national territory through different programmes. In 2021, the French Ministry for the Armed Forces allocates 6.6 billion euros to Research and Development (R&D).



1. The sum specified for each aggregate includes the amount of the lower level aggregate.
2. In 2021, dual research (P191) is exceptionally covered by the economic recovery plan.

3. Ministry manpower in 2020

3.1 Breakdown of personnel by staff category in "ETPT"¹



Civilian personnel: 23.5% of total staff.
Military personnel: 76.5% of total staff.

Source: DRH-MD/Social Report 2020.
Scope: all military and civilian personnel under the French Ministry for the Armed Forces' PMEA in 2020. Only concerns gendarmes under the French Ministry for the Armed Forces' PMEA.

1. On a full-time-job basis. It takes into account the agent's period of professional activity for the year and his/her working time portion.
2. Non-commissioned officers (called petty officers in the Navy).
3. Called leading seamen and sailors in the Navy.
4. Excluding volunteers of the SMV (Voluntary Military Service) and of the SMA (Adapted Overseas Military Service).

3.2 Breakdown of military personnel by staff category and by managing service

In ETPT	Officers	NCOs	Enlisted military personnel	Volunteers ¹	Total	%
Army	14,309	38,528	61,491	490	114,818	55.8
Navy	4,689	22,847	7,147	142	34,825	16.9
Air and Space Force	6,552	23,332	10,086	225	40,195	19.5
Gendarmerie ²	210	1,959	0	430	2,599	1.3
SSA	3,160	4,344	0	59	7,563	3.7
SE0	217	331	897	0	1,445	0.7
DGA	1,766	0	0	0	1,766	0.9
SCA	1,868	1	0	19	1,888	0.9
Other managing services ³	716	38	0	0	754	0.3
Total	33,487	91,380	79,621	1,365	205,853	100.0
%	16.3	44.4	38.7	0.6	100.0	

Source: DRH-MD/Social Report 2020.

Scope: all military personnel under the French Ministry for the Armed Forces' PMEA in 2020.

1. Excluding volunteers of the SMV (Voluntary Military Service) and of the SMA (Adapted Overseas Military Service).
2. Only concerns 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 and A+ or level I	Cat. B or level II	Cat. C or level III	Public sector workers	Total	%
Army	858	1,248	3,012	3,068	8,186	12.9
Navy	424	694	1,111	588	2,817	4.5
Air and Space Force ¹	804	1,032	796	2,599	5,231	8.3
Other employer services ²	12,388	10,373	17,324	6,883	46,968	74.3
Total	14,474	13,347	22,243	13,138	63,202	100.0
%	22.9	21.1	35.2	20.8	100.0	

Source: DRH-MD/Social Report 2020.

Scope: all civilian personnel under the French Ministry for the Armed Forces' PMEA in 2020.

1. Including SIAé.

2. Including SCA, SSA, DGA, SGA (including DCoD), EMA, DIRISI, SEO (ex-SEA), SIMu, DGRIS, DGNUM (ex-DGSIC), SDBC, CBCM, DRM, DRSD, DGSE, PR.

3.4 Women/men breakdown in ETPT

	Military personnel			Civilians			Total		
	Women	Men	Subtotal	Women	Men	Subtotal	Women	Men	Total
Staff	33,496	172,357	205,853	24,676	38,526	63,202	58,172	210,883	269,055
%	16.3	83.7	100.0	39.0	61.0	100.0	21.6	78.4	100.0

Source: DRH-MD/Social Report 2020.

Scope: all military and civilian personnel under the French Ministry for the Armed Forces' PMEA in 2020.

The average age of military personnel is 33.0 (32.7 for women and 33.0 for men).

The average age of civilian personnel is 46.5 (46.7 for women and 46.4 for men).

3.5 Breakdown of personnel by status

In ETPT	Military personnel		
	Career	Temporary career	Total
Officers	24,467	9,020	33,487
NCOs	43,431	47,949	91,380
Enlisted military personnel	0	79,621	79,621
Volunteers	0	1,365	1,365
Total	67,898	137,955	205,853
%	33.0	67.0	100.0

Source: DRH-MD/Social Report 2020.

Scope: all military personnel under the French Ministry for the Armed Forces' PMEA in 2020.

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

In ETPT

Civilians	Staff	%	
Civil servants	Cat. A (including A+)	8,252	13.0
	Cat. B	11,578	18.3
	Cat. C	17,119	27.1
	Subtotal	36,949	58.4
Fixed-term contract public servants	Level I	6,222	9.9
	Level II	1,769	2.8
	Level III	5,124	8.1
	Subtotal	13,115	20.8
Public sector workers	Workers	9,960	15.7
	Team leaders	2,062	3.3
	Technicians with worker status	1,116	1.8
	Subtotal	13,138	20.8
Total	63,202	100.0	

Source: DRH-MD/Social Report 2020.

Scope: all civilian personnel under the French Ministry for the Armed Forces' PMEA in 2020.

4. Personnel of the operational reserve¹

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

Distribution of reservists under ESR²

Workforce	Officers	NCOs	Enlisted military personnel	Total	Average (man-days)
Army	4,870	6,635	14,259	25,764	33.1
Navy	1,668	2,773	936	5,377	32.4
Air and Space Force	1,410	2,328	1,589	5,327	33.4
SSA	1,842	2,095	15	3,952	24.8
SCA	462	0	0	462	31.3
SEO	45	69	84	198	29.0
DGA	63	0	0	63	16.7
SID	19	0	0	19	33.0
Total	10,379	13,900	16,883	41,162	32.2
%	25.2	33.8	41.0	100.0	

Data as of 31st of December 2020.

Source: General Secretariat of the National Guard (SGGN); DRH-MD/Social Report 2020.

Scope: all reservists under ESR² in December 2020 (excluding national Gendarmerie).

1. The National Guard comprises the operational reservists of the armed forces and of the national Gendarmerie and the volunteers of the civilian reserve of the national Police (main operational reserve or RO1). Only the figures relating to the operational reserve of armed forces are presented in this brochure.
2. Reserve commitment (contracts).

5. French armed forces operational deployments

MORE THAN 30,000 DEPLOYED FRENCH MILITARY PERSONNEL

ENGAGED ON THE NATIONAL TERRITORY



13,000 MILITARY PERSONNEL

SOVEREIGNTY FORCES

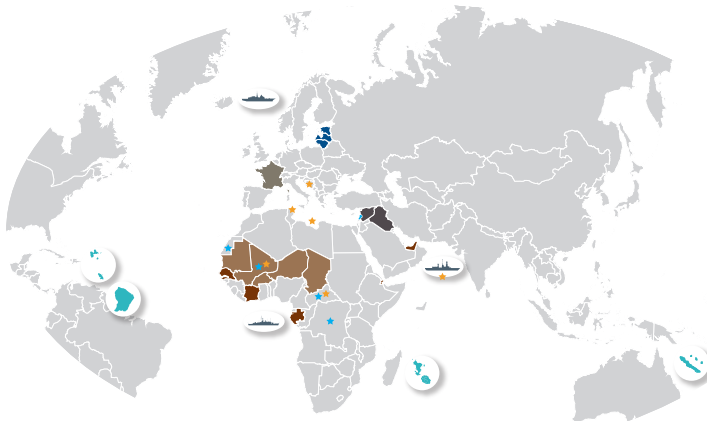
- French West Indies (FAA): 1,000
- French Guiana (FAG): 2,100
- Mayotte/Réunion (FAZSOI): 1,700
- New Caledonia (FANC): 1,450
- French Polynesia (FAPP): 900

7,150 MILITARY PERSONNEL

PRESENCE FORCES

- Senegal (EFS): 350
- Ivory Coast (FFCI): 950
- Gabon (EFG): 350
- Djibouti (FFDJ): 1,450
- United Arab Emirates (FFEAU): 650

3,750 MILITARY PERSONNEL



NUCLEAR DETERRENCE



French Defence Staff / June 2021

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BARKHANE



Mauritania - Mali - Burkina Faso - Niger - Chad

5,100 MILITARY PERSONNEL

CHAMMAL



Levant

600 MILITARY PERSONNEL

UNO

Daman (Lebanon): 700

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

740 MILITARY PERSONNEL

EU

- Central African Republic
- Mali
- Irini
- Atalanta
- Althea
- EULPC (European Union Liaison and Planning Cell)

150 MILITARY PERSONNEL

MARITIME MISSIONS

- North Atlantic: 200
- Persian Gulf
- (CTF 150): 100
- 200
- (Agénor): 200
- Gulf of Guinea (Corymbe): 150
- Jeanne d'Arc: 800
- Carrier strike group¹: 2,700

4,150 MILITARY PERSONNEL

NATO



eAP¹: 100

Baltic States eFP: 300

400 MILITARY PERSONNEL

1. Non permanent deployment.

eAP: enhanced Air Policing; eFP: enhanced Forward Presence.

6. Equipment issued to the armed forces

6.1 Army (figures as of 1st July 2021)

EQUIPMENT	AMOUNT
ARMoured VEHICLES	
<i>Main battle tanks</i>	222
Leclerc	222
<i>Tracked armoured vehicles</i>	181
VHM (High-mobility vehicles) + BV206L (Troop-carrying vehicles)	87
DCL (Leclerc repair tanks)	17
AMX 30 D (repair)	27
EBG (Armoured engineer vehicles) & SDPMAC ¹	50
<i>Wheeled armoured vehicles</i>	6,220
AMX 10 RCR (Tanks)	247
VBCI (Armoured infantry fighting vehicles)	628
Troop transport (all types of LAV)	2,500
LAV (PVP)	1,149
LAV (VBL-VB2L) including refurbished vehicles	1,418
VBHP (Highly protected armoured vehicles)	14
Buffalo (Mine-protected clearance vehicles)	4
Griffon (Multirole armoured vehicles)	260
<i>Wheeled vehicles</i>	3,592
Multi-purpose carriers	898
Masstech (Light utility unarmoured vehicles)	492
VT4 (4X4 Tactical vehicles)	2,202
ARTILLERY	
155 mm self-propelled howitzers (CAESAR, AUF1 and TRF1)	119
VAB (Armoured personnel carriers) with observation equipment	57

EQUIPMENT	AMOUNT
120 mm mortars	132
LRU (Unitary launch rocket systems)	13
INFANTRY EQUIPMENT	23,075
FELIN	23,075
ANTI-TANK WEAPON SYSTEMS (FIRING STATIONS)	1,260
Milan (343), MMP (Medium-range missiles) (287), Eryx (630)	
HELICOPTERS	265
Gazelle (86), Tigre (67), Cougar (24), Puma SA 330 (32), Caracal (8), Caiman NH90 (48)	
TRAINING HELICOPTERS	18
Fennec ²	18
LIAISON AIRCRAFT	13
TBM 700 (8), Pilatus (5)	13
GROUND-TO-AIR WEAPON SYSTEMS	196
Mistral firing stations	196
UAVs (AS AIR ASSETS)	739
SDT (Tactical drone systems)	Under dev.
SMDR (Reconnaissance mini-drone systems)	30
DROGEN (2-drone systems used by the Engineer Regiment)	6
Nano UAVs	579
Micro UAVs	124

1. Pyrotechnic mine disposal systems for anti-tank mines.
2. Training fleet (EC120 Colibri) has been outsourced.

Source: 2021-2035 Development plan of the Army equipment fleet (June 2020 edition) and modernization synthesis. Announced data account for the operational park plus the park being maintained.

6.2 Navy (figures as of 1st July 2021)

EQUIPMENT	AMOUNT
COMBAT AND SUPPORT SHIPS	71
Nuclear-powered ballistic missile submarines (SSBN)	4
Nuclear-powered attack submarines (SSN)	5
Aircraft carrier (CVN)	1
Amphibious assault ships, <i>also known as</i> Helicopter carriers	3
1st rank destroyers ¹	15
Surveillance frigates	6
Offshore patrol vessels ²	17
Minehunters	10
Light support ships ³	8
Command and replenishment ships	2
LANDING CRAFT ⁴	15
MARITIME GENDARMERIE	39
Patrol ships and coastal cutters ⁵	39
HYDROGRAPHIC AND OCEANOGRAPHIC SHIPS	4
CHANNEL MINE CLEARANCE AND SURVEILLANCE	7
Base ships for mine clearance and sonar-towing vessels ⁶	7
TRAINING	13
Navy academy training ships and sailing boats ⁷	13
EXPERIMENTATIONS AND TESTS SHIPS	3

1. 2 air defence destroyers, 1 anti-aircraft destroyer, 6 multi-purpose destroyers, 1 anti-submarine destroyer, 5 La Fayette-class stealth destroyers.

2. 6 offshore patrol vessels, 3 coastal patrol boats, 1 P 400-class patrol ship, 3 overseas patrol vessels, 3 patrol ships (Arago, Le Malin, Fulmar), 1 Polar Logistic Vessel or PLV (L'Astrolabe).

EQUIPMENT	AMOUNT
ON-BOARD AIRCRAFT	45
French Navy Rafale	42
Hawkeye – E2C	3
MARITIME PATROL AIRCRAFT	22
Atlantique 2	22
MARITIME SURVEILLANCE AIRCRAFT	13
Falcon 50 M (8), Falcon 200 “Gardian” (5)	13
COMBAT, SEARCH AND RESCUE HELICOPTERS	45
Caiman Marine (26), Panther (16), Dauphin Pedro (3)	45
SUPPORT AND PUBLIC SERVICE HELICOPTERS	17
Dauphin N and Dauphin N3+ (8), Alouette III (9)	17
MARITIME SUPPORT AIRCRAFT	21
Falcon 10 M (6), Xingu (10), Cap 10 M (5)	21

3. 4 French overseas light support ships, 4 metropolitan light support ships.

4. 11 Landing Craft Mechanized (LCM), 4 Landing Catamaran (LCAT).

5. 6 coastal patrol boats (Gendarmerie), 24 coastal surveillance cutters for maritime surveillance, 9 surveillance cutters for maritime and port surveillance.

6. 4 base ships for mine clearance, 3 sonar-towing vessels.

7. 8 training ships, 2 sailing schooners, 3 sailing cutters.

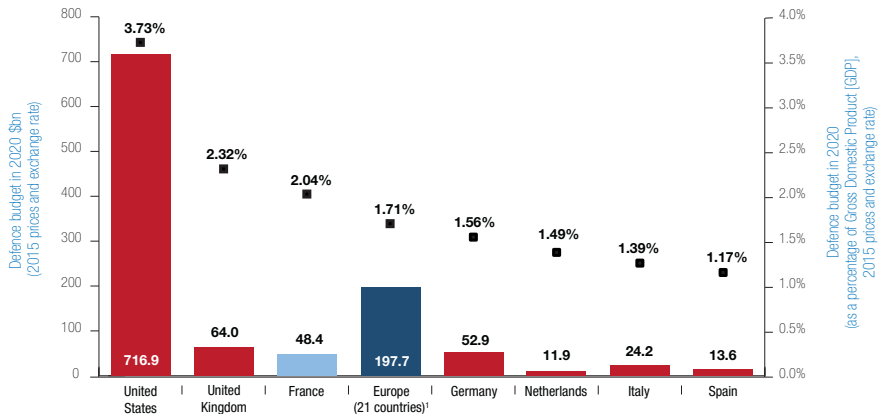
6.3 Air and Space Force (figures as of 1st July 2021)

EQUIPMENT	AMOUNT
COMBAT AIRCRAFT	211
Rafale (omnirole)	98
Mirage 2000 D (conventional assault)	66
Mirage 2000-5 and 2000 C (air defence)	40
Mirage 2000 B ¹	7
TRANSPORT AIRCRAFT	69
C160R Transall (tactical transport)	6
C130 Hercules (tactical transport)	14
C130-J-30 Super Hercules (tactical transport)	2
KC130-J (tactical transport and tanker)	2
CN235 (tactical transport light)	27
A400M Atlas (tactical transport with strategic range)	18
SUPPORT AIRCRAFT	23
C135FR and KC135 (tanker)	11
A330 Phénix (strategic tanker and transport)	4
E-3F SDCA (airborne detection command and control)	4
C160G (electromagnetic intelligence gathering)	2
ALSR (light surveillance and reconnaissance aircraft)	2
LIAISON AIRCRAFT	27
A330, Falcon 7X, Falcon 900 and Falcon 2000 (for governmental use)	7
TBM 700 and DHC6 (liaison)	20

EQUIPMENT	AMOUNT
TRAINING AIRCRAFT²	92
Pilatus PC-21	17
Alphajet (fighter pilots' training)	53
Xingu (transport pilots' training)	22
PRESENTATION TEAMS	21
Alphajet Patrouille de France	18
Extra 300/330	3
HELICOPTERS	73
Fennec (Air defence - air security active measures)	40
Caracal (Combat, Search and Rescue)	10
Super Puma and Puma (Transport, Search and Rescue)	23
UAVs (AIR ASSETS)	12
Reaper	12
GROUND-TO-AIR WEAPON SYSTEMS	20
Crotale NG	12
SAMP "Mamba"	8
SCCOA 4 RADARS	7
GM 200, GM 403, GM 406 and TRS 2215 radars	7

1. These seven Mirage 2000 B are used for the conversion mission of Mirage 2000 D and Mirage 2000-5.
2. Management of training aircraft Grob 120 and Cirrus SR20 and SR22 has been outsourced.

7. Comparison between the USA and European defence budgets



Data estimated for 2020, 2015 prices and exchange rate.

1. Countries of the European Union which are members of Nato (excluding UK).

Source: Nato - Statistical Memorandum (March 2021).

Scope: including pensions.

NB: in dollars, according to 2015 prices and exchange rate, in order to remain as close as possible to the 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

Around 15,000 young people have participated in the



Defence and memory day (JDM) as

part of the Universal National Service (SNU) in 2021



Around 800,000 young people participate each year in the Defence information day (JDC)



More than 5,000 young people have been trained as part of the Voluntary Military Service (SMV) since 2015



2022 target: 1,500 volunteers for the SMV versus 1,200 in 2021



Recruitment target for the French Ministry for the Armed Forces: 2,200 apprentices in 2021-2022



9. The Military Welfare Programme (Family action plan, for military personnel and their families)

Launched on the 31st October 2017, this programme aims at better taking into account the living conditions of military personnel and their families. It represents an additional financial effort of some 530 million euros over the 2019-2025 Military Planning Law (LPM) and now includes 61 actions.

150,000 free Wifi connections deployed in 2,400 defence buildings



5,200 children who are served with the help for licensed childminders in 2020



+ 66,000 multi-activities boxes and mission child kits distributed to the children of soldiers between the ages of 3 and 8



718 new housing units which have been ordered for mainland France including 374 which have been delivered



22% of additional childcare places since the beginning of the plan



300 additional places created in buildings for single executives in the Île-de-France region



46% increase in credits dedicated to the improvement of the living environment in a military area



More than 85% of individual permanent change of station orders edited with a notice period of at least 5 months



150,000 family "passes" for rail transport have been delivered and can be used by each family member without the presence of the military parent

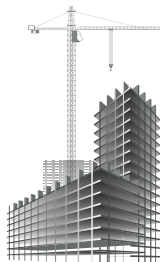
10. Infrastructure policy



An annual budget which has been increased from **1.5 billion euros in 2015** to **2.3 billion euros in 2020**



More than 600 millions euros converted in direct markets with small and medium-sized enterprises



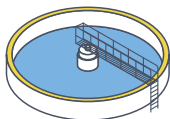
Around 27% of the State's real estate



6,700 people, nearly 400 people recruited each year since 2017

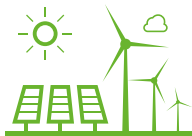


Necessary investments for military constructions dedicated to progressive arrival of the new generation of equipment (Scorpion vehicles, Barracuda submarines and FREMM [multi-purpose destroyers], A400M Atlas tactical transport aircraft and A330 MRTT [Multi Role Tanker Transport] Phénix)



60 million euros of infrastructure equipment deployed to overseas operations (power plants, accommodation bungalows and sanitary facilities, water treatment units and waste water treatment plants)

An **improvement for reception and teaching conditions for students of military schools** (more than 125 million euros over the LPM)



About 500 million euros provided over the LPM period **in order to decrease the energy consumption** (energy performance contracts/ CPE, phasing-out of polluting power plants...) and to bring the classified installations for the environment up to standard



An **improvement for housing conditions in military areas** (more than 1 billion euros over the period 2019-2025)

Some 230 million euros per year for gas and electricity purchase for the functioning of defence facilities



11. Innovation

Innovation is at the heart of the transformation and focus on enhanced performance of the French Ministry for the Armed Forces in order to ensure the technical and operational superiority of the French armed forces. Led by the French Defence Innovation Agency (AID), this has resulted in 2020-2021 in:

Publication of the **2067 Ministerial Directive** which organizes defence innovation within the French Ministry for the Armed Forces

576 projects

576 innovation projects (from internal or external origin) to the French Ministry for the Armed Forces, submitted to AID.

135 of which were certified. Furthermore, **180 research projects** have been launched



AGENCE
INNOVATION
DÉFENSE



Publication of the **Defence Innovation Orientation Directive (DrOID)**

More than 100 new projects

Monitoring of **more than 100 new defence technology projects** launched with DGA and covering the whole spectrum of capability domains, for the integration of future weapons systems



DGA



Launch of the **Red Team** Initiative, which groups together science fiction authors and scriptwriters. It aims to imagine scenarios about conflicts and threats by 2030-2060



21 agreements

Development of international cooperation regarding defence innovation;
21 international agreements signed

Signature on the 4th December 2020 by the French Minister for the Armed Forces of the letter of intent for the creation of the **Defence Innovation Fund (FID)** with a budget of **200 million euros** from the "Defence" mission



More than 220 events

More than 220 events organized, more than 3,800 visitors and 35 projects approved by Defence Innovation Lab (except call for projects linked to Covid-19)



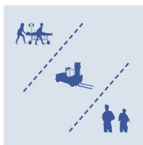
More than 4,700 people

Organization of the "digital" Defence Innovation Forum which brought together **more than 4,700 people**

12. French armed forces' action in the fight against Covid-19

1,235
missions

(health, logistics,
protection, vaccination)
carried out as part of
operation "Resilience"



20,668

Covid-19 patients
hospitalized in
the armed forces teaching
hospitals (HIA)
since the beginning
of the crisis



2,015

Covid-19 patients
placed in
an intensive care unit in
the armed forces teaching
hospitals (HIA)
since the beginning
of the crisis



306

Covid-19 patients
admitted into military
means deployed
by the French armed forces
(Mulhouse,
Mayotte, Guadeloupe,
Martinique, French Guiana)



250
patients transferred
in emergency in mainland
France, abroad and
overseas



1,324,910
vaccine doses

administered
to French people



Figures as of 15th October 2021

13. Glossary

AID: Defence Innovation Agency

APM: Military Criminal Affairs

CBCM: Ministerial Budget and Accounting Control Unit

CEA: Alternative Energies and Atomic Energy Commission

CGA: General Inspectorate of the French armed forces

CPE: Energy performance contract

DGA: Armament General Directorate

DGNUM: Directorate General for Digital Technology and Information
and Communication Systems (ex-DGSIC)

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

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

DRM: Directorate of Military Intelligence

DrOID: Defence Innovation Orientation Directive

DRSD: Directorate for Defence Intelligence and Security

eAP: enhanced Air Policing

eFP: enhanced Forward Presence

EMA: Joint Staff

HIA: Armed forces teaching hospital
JDC: Defence information day
JDM: Defence and memory day
LFI: Initial Finance Law
LOLF: Organic Law relating to Finance Laws
LPM: Military Planning Law
ONERA: Aeronautics, space and defence research lab
PMEA: Ministerial Ceiling for 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)
SEO: Operational Energy Services (ex-Petrol, Oil and Lubricant Services/SEA)
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
SNU: Universal National Service
SSA: Defence Health Service

14. For further information

French Ministry for the Armed Forces website

www.defense.gouv.fr

Sources:

- 2021 Initial Finance Law
- 2020 Defence Statistical Year
- 2020 Social Report
- 2021 Strategic Update
- 2019-2025 Military Planning Law

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