

UK Defence in Numbers



September 2016



The Rt Hon
Michael Fallon MP
Secretary of State for Defence

This booklet offers a snapshot of the UK's defence capability in numbers.

From our overall annual defence budget – the fifth largest in the world – to our global footprint and our £178 billion investment plan for equipment, it provides the key information on UK defence.

It shows the UK's military strength and underlines the current Conservative government's commitment to increase defence spending every year until the end of the decade, continuing to meet the NATO target to spend 2 per cent of GDP on defence. We're investing that money in our new Joint Force 2025, comprising: a Land Force of 112,000 equipped with digital armoured vehicles; an Air Group upgraded with more Typhoons and fifth generation F35s; and a Maritime Task Group made up of destroyers, frigates and two mighty carriers – the most powerful ships ever built in Britain.

It also shows our global commitment. We're striking the terrorists in both Iraq and Syria as part of the counter-Daesh coalition. We're protecting our Eastern European allies – leading a battalion in Estonia and training troops in the Ukraine. We're heading up NATO's Very High-Readiness Joint Taskforce in 2017. And we're doubling our UN peacekeeping efforts in Somalia and Sudan and increasing our training of Nigerian Armed Forces to defeat extremism.

Finally, it shows our world-class defence industry, which provides high value jobs for hundreds of thousands across the country, boosts our exports and brings in billions for our economy. We're creating opportunities for thousands of apprentices to gain new skills. And we've launched a multi-million pound innovation initiative - encouraging our brightest brains to develop the ground breaking capability we need to keep ahead of the curve. This commitment reflects our determination that the principles that govern our society – freedom and fairness under law – continue to flourish internationally. That determination will not falter.

What We Spend



£35.1bn
Defence expenditure
in 2015/16



5th Largest
defence
budget in
the world



£539

UK spend per person
on defence in 2015/16
(the third highest in NATO)



£7.6bn

Spend on investment in new equipment
and infrastructure in 2015/16



£5.4bn

Efficiency savings made since
2010/11



£0.4bn

Spend on military
operations in 2015/16



2.1%

Percentage of GDP spent
on defence in 2015



£1.7bn

Research and Development
in 2014/15

UK is 5th Largest Defence Spender in the World

Top 15 Defence Spenders 2015 (\$bn)

1. United States



597.5

2. China



145.8

3. Saudi Arabia



81.9

4. Russia



65.6

5. United Kingdom



56.2

6. India



48.0

7. France



46.8

8. Japan



41.0

9. Germany



36.7

10. South Korea



33.5

11. Brazil



24.3

12. Australia



22.8

13. Italy



21.6

14. Iraq



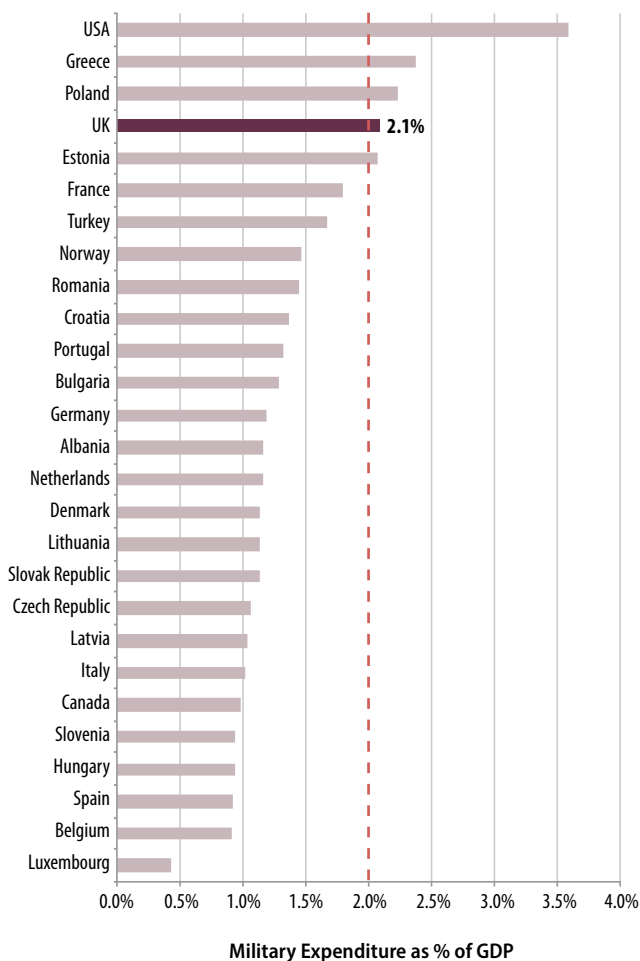
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15. Israel



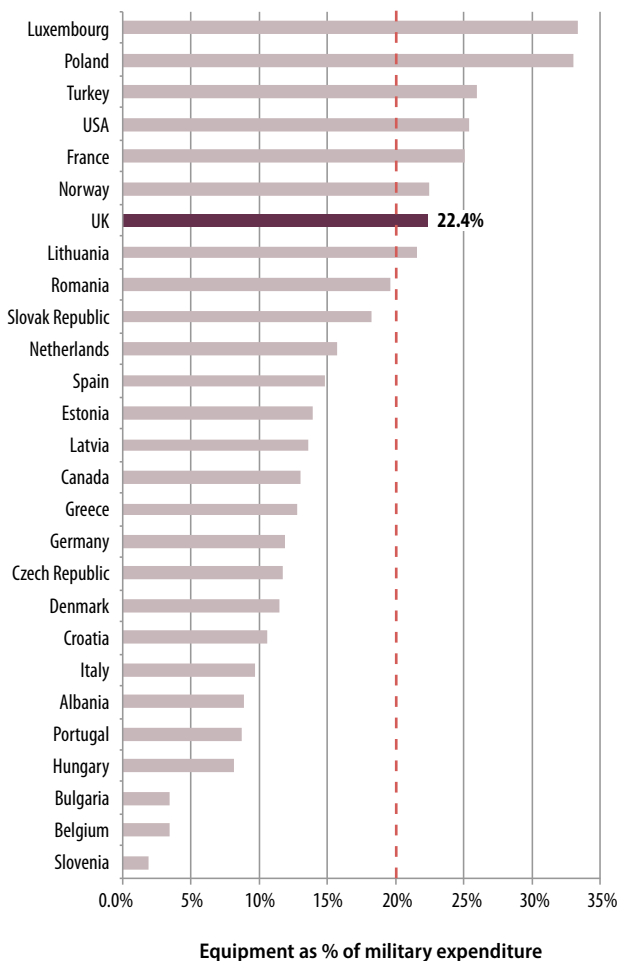
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NATO Defence Expenditure as % of GDP - 2015



Source: NATO Defence Expenditure of NATO Countries (2009-2016) 4 July 2016

% of NATO Defence Expenditure Spent on Equipment - 2015

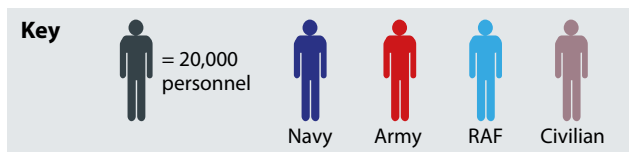


Source: NATO Defence Expenditure of NATO Countries (2009-2016) 4 July 2016

Trained Military and Civilian Personnel

Military Full Time Trained Strength & Civilians	2020 Target
Royal Navy / Royal Marines	30,450
Army	82,000
RAF	31,750
Total Full Time Trained Strength	144,200
Civilian	41,000
Total Personnel	185,200

Future Reserves 2020 - Volunteer Reserves Trained Strength	2020 Target
Maritime Reserve	3,100
Army Reserve	30,100
RAF Reserves	1,860
Total Reserves	35,060



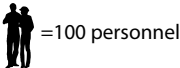
(Civilian totals include all permanent and casual civilian personnel, Royal Fleet Auxiliaries, Trading Funds and locally engaged civilians)

Source: MOD Annual Report & Accounts 2015/16

In 2015/16 MOD enrolled 14,200 new apprentices



Key



Campaign Against Daesh - UK Military Contribution, at 25 August 2016

RAF has flown **3,056** missions in the fight against Daesh

Carried out **988** strikes



Aircraft currently deployed include:



Tornado
Multi-role/
strike



Sentinel
Intelligence,
surveillance &
reconnaissance



Voyager
Tanker
transport



Airseeker
Surveillance



Reaper
Remotely
piloted aircraft



Sentry
Command &
control



C130
Transport



Typhoon
Multi-role/
strike



Shadow
Intelligence,
surveillance
and
reconnaissance

Around 1,350 UK personnel are committed to the counter-Daesh campaign

To date, over **23,800** Iraqis, including more than **6,300** Peshmerga forces, have been trained and supported by around **250** UK troops in Iraq

UK Armed Forces Equipment Holdings, 1 Apr 2016

Submarine Service	11
Ballistic Nuclear Submarine	4
Nuclear Submarine	7

Surface Fleet	64
Landing Platform Docks/Helicopters	3
Destroyers	6
Frigates	13
Mine Countermeasure Vessels (MCMV)	15
Inshore Patrol Vessels	18
Off shore Patrol Vessels	4
Survey Ships	4
Ice Patrol Ship	1

Royal Fleet Auxiliary	12
Fleet Tanker	2
Small fleet Tanker	2
Fleet Replenishment Ship	3
Landing Ship Dock	3
Primary Casualty Receiving Ship	1
Forward Repair Ship	1

Key Land Platforms 4137

Armoured Fighting Vehicles:	
Challenger 2 Main Battle Tank	227
CVR(T) Scimitar	201

Protected Mobility Vehicles:	
Coyote	71
Foxhound	398
Husky	317
Jackal	437
Mastiff	421
Ridgeback	168
Wolfhound	133

Armoured Personnel Carriers:	
Viking	99
Bulldog	895
Warrior	770

Artillery	250
AS90 155mm Self-propelled Gun	89
L118 105mm Light Gun	126
Multiple Launcher Rocket System	35

Engineering Equipment	168
M3 Amphibious Bridging Vehicle	37
Terrier	66
Titan	33
Trojan	32

Rotary-wing Platforms	372
Apache	50
AW109SP	1
Bell 212	5
Chinook	60
Dauphin	2
Gazelle	34
Griffin	11
Lynx HMA8	10
Lynx Mk 9/9a	21
Merlin HM2	30
Merlin Mk3/3a/4/4a/iMk3	25
Puma	23
Sea King ASaC7	8
Sea King HU5	3
Single Squirrel	34
Wildcat AH Mk1	34
Wildcat HMA Mk2	21

Fixed-wing Platforms	724
A400M	7
BAE 146	4
C-17 Globemaster	8
Defender	9
Hawk T1/T1A/T1W	90
Hawk T2	28
Hercules C130J	24
Islander AL Mk1	3
Islander AL CCMk2B	3
King Air	7
Lightning	4
Airseeker	2
Sentinel	5
Sentry	6
Shadow R1	5
Tornado	81
Tucano	81
Tutor (RN Flying Grading)	5
Tutor (Tri-Service)	119
Typhoon	132
Vigilant	15
Viking	73
Voyager	9
Avenger	4

Unmanned Aircraft Systems	443
Black Hornet	160
Desert Hawk-III	221
Reaper	10
Watchkeeper	52

Source: UK armed forces equipment and formations 2016. Contains definitions and sources of equipment holdings figures

Joint Force 2025

The aim for 2025, as stated in SDSR 2015

JOINT

Joint Headquarters, Forces and Enablers

Special Forces
Squadrons



Special Reconnaissance
and Support

Secure IT and
Communications Systems



SKYNET 5
Space Operations Centre

Defence
Intelligence



Joint Cyber Group

Defence Medical
and Dental Services



(including 3 Field
Hospitals)

STRATEGIC BASE

Ministry of Defence and Permanent Operating Bases

Strategic
Headquarters



Global Defence
Network

Science, Technology



and Research
Capability

Whole Force
Approach



Military, Civilian, Industry
Collaboration

Equipment
Support



Logistics

MARITIME

Delivery of the deterrent and a Maritime Task Group from:



4 x SSBN
(Nuclear
Deterrent)



19 x Frigates
and
Destroyers



3 Commando
Brigade
2 x Landing
Platform Dock
3 x Landing Ship
Dock



7 x SSN
(Hunter Killer
Submarines)



18 x Inshore
Patrol Vessels
Up to 6 x
Offshore
Patrol Vessels



6 x Fleet Tankers
3 x Fleet Solid
Support Ships



2 x Aircraft
Carriers



12 x Mine
Hunters
3 x Survey
Vessels
1 x Ice Patrol
Ship



4 x Merlin MK2
Squadrons
2 x Wildcat
Squadrons

LAND

A war fighting Division from:



2 x Armoured
Infantry
Brigades



6 x Infantry
Brigades
(overseas
engagement
& UK resilience)



4 x Apache
Squadrons
4 x Wildcat
Squadrons
3 x Watchkeeper
Batteries



2 x Strike
Brigades



77 Brigade
(Information
Warfare)



2 x Puma
Squadrons
3 x Chinook
Squadrons
2 x Merlin Mk4
Squadrons



16 Air Assault
Brigade



1 (Intelligence,
Surveillance &
Reconnaissance)
Brigade



Enabling
capabilities
(Artillery,
Engineers &
Logistics)

AIR

An Air Group from:



>20 x
Protector



2 x F35
Lightning
Squadrons



14 x Voyager



9 x P8
Maritime
Patrol Aircraft



7 x Typhoon
Squadrons



8 x C-17
Globemaster



3 x Rivet Joint
(Airseeker)
8 x Shadow
6 x E-3D Sentry



6 x Force
Protection
Wings



22 x A400M
Atlas
14 x C130J
Hercules

£178bn Planned Expenditure on Equipment and Support over the next 10 years....



Planned spend includes:

Planned equipment support spend £bn



Submarines - £21.7bn
(all Submarines and Atomic Weapons Establishment)



Combat Air - £10.4bn
(e.g. Typhoon, Tornado, Lightning II)



Ships - £9.6bn
(e.g. T45s, T23s, Queen Elizabeth Carrier)



Air Support - £9.1bn
(e.g. Voyager, A400M, C130)



Helicopters - £7.7bn
(e.g. Merlin, Apache, Chinook)



Land Equipment - £7.4bn
(e.g. Armoured Fighting Vehicles, personal equipment)



Weapons - £4.5bn
(e.g. Air and sea launched missiles)



Intelligence, Surveillance, Target Acquisition & Reconnaissance - £2.0bn
(Air traffic management and multiple small programmes)

Over 20 Operations in more than 25 countries including



Counter Daesh – around 1,100 currently deployed. 250 extra personnel will deploy to Iraq later in 2016

Afghanistan – around 450 currently deployed, an extra 50 will deploy in 2017

Ukraine – commitment of up to 100 British trainers at any one time to train Ukrainian Armed Forces

Estonia - commitment to deploy approximately 500 in Estonia as part of NATO's enhanced forward presence

Poland - commitment to deploy up to 150 to operate and train alongside Polish and NATO forces

Somalia – commitment to deploy 70 to support UN Peacekeeping

South Sudan – commitment to deploy 300 to support UN Peacekeeping

Mediterranean – around 815 deployed on various activities including tackling illegal people trafficking and arms smuggling

Baltic Air Policing - around 130 stationed in Amari during the summer 2016 on 24/7 standby to respond instantly to aggression in Baltic airspace

Nigeria – total of 300 to provide training to Nigerian Armed Forces

Defence Advisers/Attachés

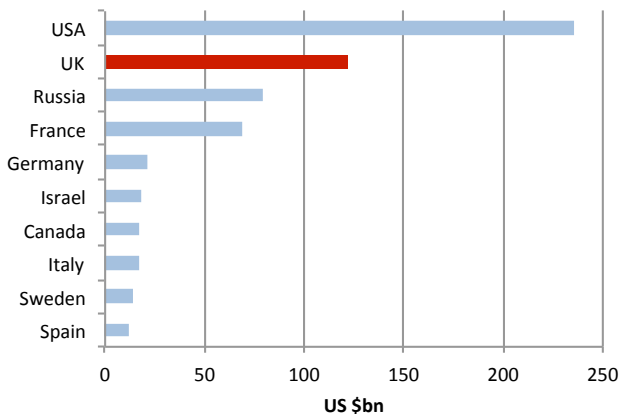


Region	No. of Attachés	Countries
Asia (exc. Middle East)	16	Bangladesh, Brunei, Burma, China, India, Indonesia, Japan, Kazakhstan, South Korea, Malaysia, Nepal, Pakistan, Singapore, Thailand, Uzbekistan, Vietnam
Central America / Caribbean	2	Jamaica, Mexico
Europe (ex. UK)	26	Albania, Austria, Bosnia & Herzegovina, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Georgia, Germany, Greece, Ireland, Italy, Lithuania, Macedonia, Netherlands, Norway, Poland, Romania, Russia, Serbia, Spain, Sweden, Ukraine
North Africa / Middle East	16	Afghanistan, Algeria, Bahrain, Egypt, Iraq, Israel, Jordan, Kuwait, Lebanon, Libya, Morocco, Oman, Qatar, Saudi Arabia, Turkey, United Arab Emirates
North America	2	Canada, United States of America
Oceania	2	Australia, New Zealand
South America	4	Argentina, Brazil, Chile, Colombia
Sub Saharan Africa	12	Ethiopia, Ghana, Kenya, Nigeria, Senegal, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Uganda, Zimbabwe
Total	80	

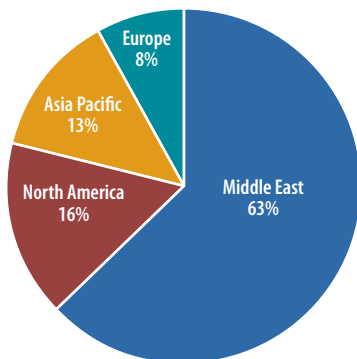
Source: MOD

The UK is the 2nd largest exporter of new Defence products and services, with exports of \$122bn between 2006 & 2015

Top Defence Exporters, 2006-15

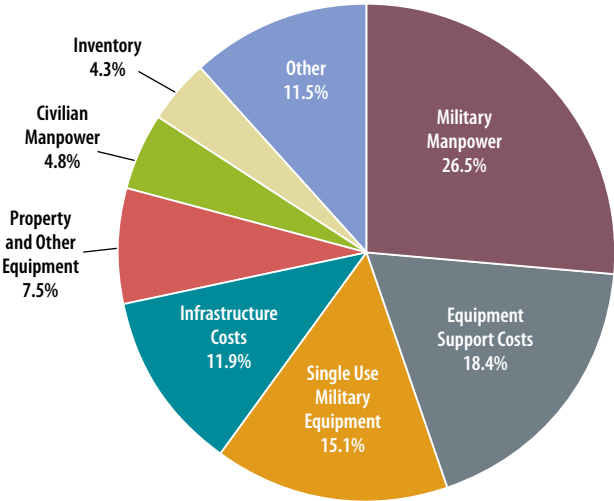


The largest markets for UK Defence exports in 2015 were the Middle East and North America



Source: UKTI DSO

Breakdown of Defence Expenditure 2015/16

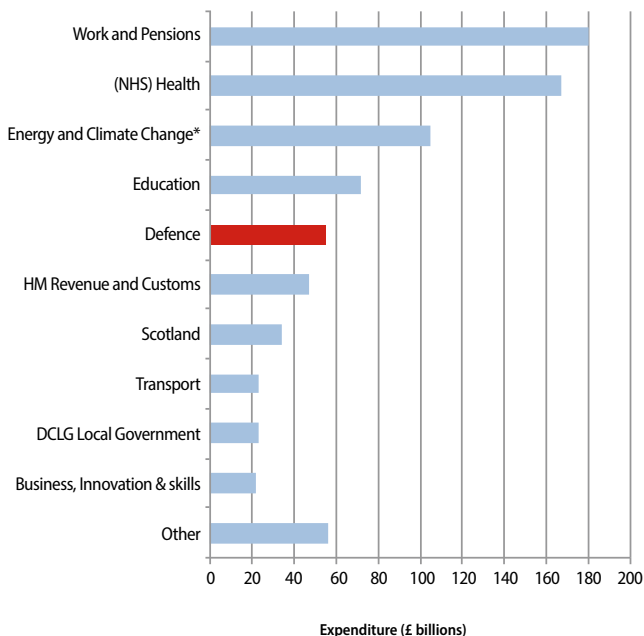


31% Spend on Military and Civilian Personnel

23% Spend on Capital Projects

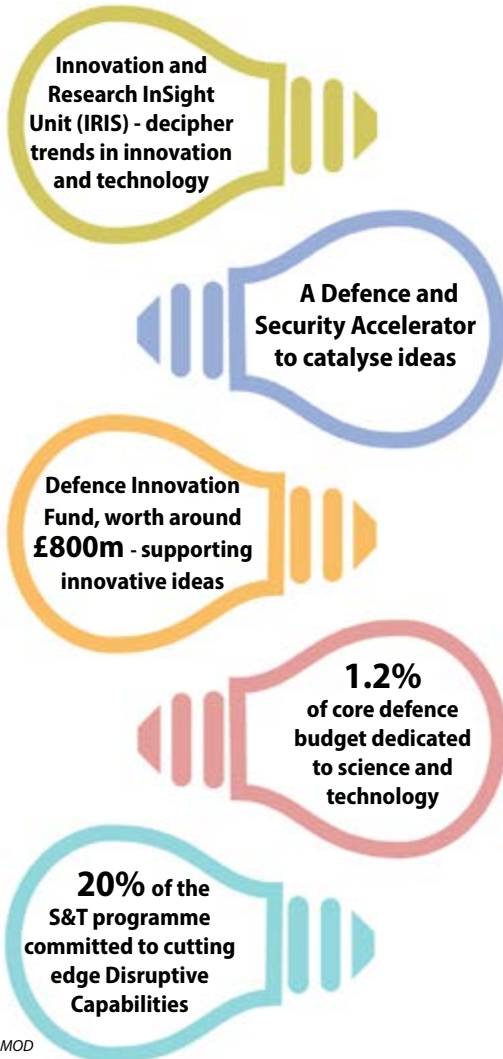
Source: MOD

5th largest Government Department by Expenditure - 2015/16



* Includes a large amount of Annually Managed Expenditure (AME) in respect of Nuclear Decommissioning Authority, due to changes in the long-term discount rate which inflates the present value of expected future long-term costs.

Defence Innovation Initiative



Source: MOD

Investment in UK Industry 2014/15

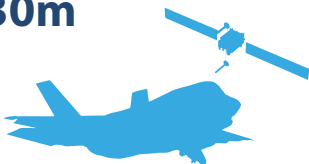


Technical, Financial Services &
Other Business Services
(including infrastructure support and equipment testing)

£4,230m

Aircraft & Spacecraft

£2,250m

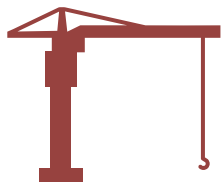


Other Manufacturing

£2,090m

Shipbuilding & Repairing

£2,440m

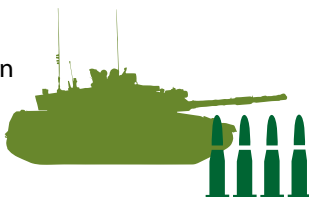


Construction

£1,500m

Weapons & Ammunition

£1,240m



Source: Trade, Industry and Contracts bulletin 2016

MOD Vision

The first duty of government is to defend our country and to keep our people safe.

Our national security and our economic security go hand-in-hand. Our strong economy provides the foundation to invest in our security and global influence, which provides more opportunities at home and overseas to increase our prosperity.

In a more dangerous world, we have chosen to use our hard-earned economic strength to support our Armed Forces and give them what they need to help keep Britain safe. We will increase defence spending every year and continue to meet NATO's target to spend 2% of GDP on defence for the rest of the decade.

In the 2015 Strategic Defence and Security Review we set out plans for stronger defence with more ships, more planes, more troops at readiness, better equipment for special forces, and more for cyber.

We will protect our people, territories, value and interests, at home and overseas, through strong armed forces and in partnership with allies, to ensure our security and safeguard our prosperity.



Ministry
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