



This publication provides information on the number of **Military Personnel** in (defined as the **strength**), joining (**intake**) and leaving (**outflow**) the UK Armed Forces. Detail is provided for both the **Full-time Armed Forces** and **Reserves**. Further statistics can be found in the [Excel tables](#).

The recent trends in personnel numbers in this report relate to the targets outlined in the **Strategic Defence and Security Review (SDSR) 2015** and the **Future Reserves 2020 (FR20) programme**. Prior to SDSR 2015, publications reported against SDSR 2010, the Three Month Exercise (3ME), Army 2020 and the Future Reserves 2020 (FR20) programme.

Some of the statistics previously published in the following publications can now be found in this release: [Monthly](#), [Quarterly](#) and [Annual](#) Personnel Reports, [UK Reserve Forces and Cadets](#), [Service Personnel Bulletin 2.01](#) and [Service and Civilian Bulletin 2.03](#).

## Key Points and Trends

▼ 196 390	<b>Strength of UK Forces Service Personnel</b> at 1 May 2017 <i>a decrease of 460 (0.2 per cent) since 1 May 2016</i>
▼ 138 350	<b>Full-time Trained Strength (RN/RM &amp; RAF) and Full-time Trade Trained Strength (Army)</b> at 1 May 2017 <i>a decrease of 1 780 (1.3 per cent) since 1 May 2016</i>
▲ - 4.8%	<b>Deficit against the planned number of personnel needed (Liability)</b> at 1 May 2017 <i>an increase in the deficit from -4.1 per cent as at 1 May 2016</i>
31 460	<b>Strength of the Trained Future Reserves 2020</b> at 1 May 2017 <i>a comparison is not currently available (for more information see page 9)</i>
▼ 12 950	<b>People joined the UK Regular Armed Forces</b> in the past 12 months (1 May 2016 – 30 April 2017) <i>a decrease of 790 (5.8 per cent) compared with the previous 12 month period</i>
▼ 14 970	<b>People left the UK Regular Armed Forces</b> in the past 12 months (1 May 2016 – 30 April 2017) <i>a decrease of 1 510 (9.2 per cent) compared with the previous 12 month period</i>
▼ 6 570	<b>People joined the Future Reserves 2020</b> in the past 12 months (1 May 2016 – 30 April 2017) <i>a decrease of 1 500 (18.6 per cent) compared with the previous 12 month period</i>
▲ 5 150	<b>People left the Future Reserves 2020</b> in the past 12 months (1 May 2016 – 30 April 2017) <i>an increase of 750 (16.9 per cent) compared with the previous 12 month period</i>

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**Background quality report:** [www.gov.uk/government/statistics/tri-service-personnel-bulletin-background-quality-reports](http://www.gov.uk/government/statistics/tri-service-personnel-bulletin-background-quality-reports)

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Supplementary tables containing further statistics can be found at:

<https://www.gov.uk/government/statistics/uk-armed-forces-monthly-service-personnel-statistics-2017>

A glossary and other supporting documents are available here:

<https://www.gov.uk/government/publications/armed-forces-monthly-service-personnel-statistics-supplementary-documents>

## Introduction

This publication contains information on the **strength**, **intake** and **outflow** for the UK Armed Forces overall and each of the Services; **Royal Navy/Royal Marines (RN/RM)**, **Army** and **Royal Air Force (RAF)**.

The Ministry of Defence (MOD) announced on 29 June 2016 that it was changing the Army trained, disciplined manpower by changing the definition of trained strength to include those in the Army who have completed Phase 1 training. This affects some Tri-Service totals. This does not affect the Naval Service or the RAF in any way. The MOD held a public consultation on **SDSR Resilience: Trained strength definition for the Army and resultant changes to Ministry of Defence Armed Forces personnel statistics**, between 11 July and 21 August 2016. A consultation response was published on 7 November 2016. The changes outlined in the consultation and response have been incorporated into this publication from the 1 October 2016 edition onwards. This affects statistics in some of the accompanying Excel tables, specifically tables: 3a, 3e, 5a, 5b, 5c, 5d, 6a, 6b, 7a, 7b and 7c. Terminology has also been updated in Excel tables 3c and 4.

There has been a minor change in the methodology used to produce Reserves statistics from 1 April 2017. This aligns our methodology with that used to produce Regulars statistics. See page 12 for more details.

Detailed statistics, including unrounded figures, and historic time series can be found in the **Excel tables**. These include quarterly statistics on the number of **Applications** to each of the Services, **Service and Civilian Personnel**, **Separated Service** (the proportion of personnel breaching harmony guidelines), **Applications** to each of the Services and **Military Salaries**. Further historic statistics will be added in due course; in the meantime, historic statistics can be found in the following archived publications: **Monthly**, **Quarterly** and **Annual** Personnel Reports, **UK Reserve Forces and Cadets**, **Service Personnel Bulletin 2.01**, **Service and Civilian Bulletin 2.03**, **UK Armed Forces Maternity Report**, **Diversity Dashboard** and **Quarterly Location Statistics**. The **glossary** contains definitions of terminology used in this publication.

The next edition of this publication is provisionally scheduled to be published on GOV.UK at 9:30am on 27 July 2017. Defence Statistics have recently held a public consultation proposing to reduce the frequency of this publication, however, and are currently analysing feedback to these proposals. This can be found at the following **link**. Pending the outcome of this consultation, a confirmed release date for the next edition of Service Personnel Statistics will be published in due course. A calendar of upcoming MOD statistical releases can be found on **GOV.UK**.

## A National Statistics publication

The United Kingdom Statistics Authority has designated these statistics as National Statistics, in accordance with the Statistics and Registration Service Act 2007 and signifying compliance with the Code of Practice for Official Statistics. Designation can be broadly interpreted to mean that the statistics:

- meet identified user needs;
- are well explained and readily accessible;
- are produced according to sound methods; and
- are managed impartially and objectively in the public interest.

Once statistics have been designated as National Statistics it is a statutory requirement that the Code of Practice shall continue to be observed.

## Policy background

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The main factors affecting decisions about the size of the Armed Forces required by the MOD to achieve success in its military tasks include:

- An assessment of current and future threats to UK national security;
- The need for contingent / reactive capability – the requirement to be able to respond immediately to domestic or international crisis;
- Current operational and international obligations (e.g. NATO, UN);
- Changes in technology, the introduction of new equipment and restructuring that leads to equipment becoming obsolete or surplus to requirements;
- The need to deliver against the military tasks as efficiently as possible, maintaining a balanced, affordable defence budget.

The Service personnel statistics in this publication are reported against the [2015 Strategic Defence and Security Review](#) (SDSR), released in November 2015. Prior to SDSR 2015, publications reported against the planned Future Force 2020, as set out in the SDSR 2010 which planned to reduce the size of the Armed Forces.

### Army Trained Strength

On 29 June 2016, the MOD [announced](#) that the Army planned to use Regular and Reserve Phase 1 trained personnel in response to crises within the UK. Following this, the term 'Trained Strength' would include all Army personnel trained in the core function of their Service (i.e. those who have completed Phase 1 training). The MOD has [consulted](#) on these changes and the resultant impact it will have on this publication and a consultation response were published on 7 October 2016.

From the 1 October 2016 edition onwards, Army personnel who have completed Phase 1 training (basic Service training) but not Phase 2 training (trade training), are considered Trained personnel. This change will enable the Army to meet the SDSR 15 commitment to improve support to UK resilience. The Trained Strength definition for the Royal Navy, RAF, Maritime Reserve and RAF Reserves has not changed, reflecting the requirement for their personnel to complete Phase 2 training to be able to fulfil the core function of their respective Services.

Army personnel who have completed Phase 2 training are now called 'Trade Trained'. This population aligns with the old definition of trained personnel, therefore maintaining the continuity of the statistical time series and will continue to be counted against the liability and SDSR target for 2020.

### Full-time Armed Forces personnel

In order to meet the manpower reduction targets set out in SDSR 2010, the [Three Month Exercise](#) (3ME) and [Army 2020](#) (A2020), a redundancy programme coupled with adjusted recruiting (intake) and contract extensions were set. The redundancy programme is now complete.

On 23 November 2015, the Ministry of Defence published the National Security Strategy and Strategic Defence and Security Review 2015. SDSR 2015 outlines plans to uplift the size of the Regular Armed Forces, setting targets for a strength of 82,000 for the Army, and increasing the Royal Navy/Royal Marines and Royal Air Force by a total of 700 personnel. The [SDSR 2015 Defence Key Facts](#) booklet announced new targets for 2020 for each of the Services.

### Future Reserves 2020 (FR20) Programme

The Future Reserves 2020 (FR20) programme aims to increase the size of the Reserve Forces. Further information on the growth of the Reserves can be found in the Policy Background section of previous [Monthly Service Personnel Statistics](#) publications.

As a result of the changes to Army Trained Strength (referred to above) and their impact on the Army Reserve, the MOD released a [Written Ministerial Statement](#) containing revised Future Reserves 2020 strength growth profiles on 8 November 2016. Reporting of the growth of the Reserves will be based on strength profiles only.

This statement outlined trained strength targets for FY18/19 as follows: Maritime Reserve 3,100, Army Reserve 30,100 and RAF Reserves 1,860.

## UK Service Personnel

**UK Service Personnel** comprise the total **strength** of the military personnel employed by the Ministry of Defence (**Excel tables**, Table1). The current strength of the UK Service Personnel is 196,390, which includes:

- All **UK Regular** personnel and all **Gurkha** personnel (which at 1 May 2017 comprised 77.2 per cent of UK Service Personnel);
- **Volunteer Reserve** personnel (which at 1 May 2017 comprised 18.6 per cent of UK Service Personnel);
- **Other Personnel** including the Serving Regular Reserve, Sponsored Reserve, Military Provost Guard Service, Locally Engaged Personnel and elements of the Full Time Reserve Service (FTRS) (which at 1 May 2017 comprised 4.2 per cent of UK Service Personnel).

**Strength** is the number of personnel.

**Volunteer Reserves** voluntarily accept an annual training commitment and are liable to be mobilised to deploy on operations. They can be utilised on a part-time or full-time basis to provide support to the Regular Forces at home and overseas.

The total strength of the UK Forces<sup>1</sup> has decreased between 1 May 2016 and 1 May 2017, by 0.2 per cent (460 personnel). Over the same period, there have been increases across the Reserves populations, Gurkhas and Other Personnel, which have been more than offset by reduction in the total strength of the Regular Forces.

The total strength of the UK Regular Forces has decreased by 1,990 (1.3 per cent) between 1 May 2016 and 1 May 2017. The total strength of the Volunteer Reserve has increased by 1,340 (3.8 per cent), the Gurkhas increased by 130 (4.7 per cent) and Other Personnel increased by 50 (0.6 per cent) between 1 May 2016 and 1 May 2017.

**Table 1: Recent Trends in the Strength of the UK Forces<sup>1</sup>**

	1 Apr 14	1 Apr 15	1 Apr 16	1 Feb 17	1 Mar 17	1 Apr 17	1 May 17
<b>UK Forces Personnel</b>	<b>198 810</b>	<b>195 690</b>	<b>197 090</b>	<b>196 420</b>	<b>196 570</b>	<b>197 040</b>	<b>196 390</b>
UK Regular Forces	159 630	153 720	151 000	149 200	148 960	149 370	148 630
Gurkhas	3 050	2 870	2 860	2 740	3 000	2 990	2 980
Volunteer Reserve	28 860	31 260	35 070	36 220 r	36 350	36 460	36 540
Other Personnel	7 280	7 840	8 170	8 260 r	8 250	8 220	8 230

Source: Defence Statistics (Tri-Service)

**Table 2: UK Forces<sup>1</sup> Strength by Service**

	1 May 15	1 May 16	1 May 17	Increase/Decrease 1 May 16 - 1 May 17	% Increase/Decrease 1 May 16 - 1 May 17
<b>Strength</b>					
Naval Service	38 110	38 280	38 300	+30	0.1%
Army	120 500	121 580	121 200	-380	-0.3%
Royal Air Force	37 080	36 990	36 890	- 110	-0.3%

Source: Defence Statistics (Tri-Service)

1. UK Forces comprises all UK Regular, Gurkha, Volunteer Reserve and Other personnel. The constituents of "Other personnel" are reported towards the top of this page.
2. For more information on revisions, please see p12.

## Full-time Trained Strength

Following public announcement and public consultation the definition of Army Trained Strength has changed. From 1 October 2016, UK Regular Forces and Gurkha personnel in the Army who have completed Phase 1 training (basic Service training) but not Phase 2 training (trade training), are now considered Trained personnel. This change will enable the Army to meet the SDSR 15 commitment to improve support to UK resilience. Previously, only personnel who had completed Phase 2 training were considered trained.

This change does not affect the Royal Navy/Royal Marines (RN/RM) or the Royal Air Force (RAF).

As a result of this change, the Full-time Trained Strength (FTTS) includes:

- UK Regular Forces who have passed Phase 1 and Phase 2 training, in the RN/RM & RAF, and UK Regular Forces and Gurkha personnel who have passed Phase 1 training in the Army;
- Those elements of the Full Time Reserve Service (FTRS) who are counted against the liability, for all three Services.

This change was implemented in the 1 October 2016 edition of this publication.

As at 1 May 2017, the Tri-Service Full-time Trained Strength was 142,690. A Service breakdown is shown below in Table 3. Comparisons prior to October 2016 are not available for the Army because it is not possible to identify a split between Phase 1 and Phase 2 training.

**Table 3: Full-time Trained Strength by service**

	1 Jan 17	1 Feb 17	1 Mar 17	1 Apr 17	1 May 17
<b>All Services</b>	<b>143 610</b>	<b>143 130</b>	<b>142 720</b>	<b>143 090</b>	<b>142 690</b>
Royal Navy / Royal Marines	29 500	29 500	29 480	29 580	29 430
Army	83 260	82 810	82 390	82 650	82 480
Royal Air Force	30 850	30 810	30 850	30 850	30 770

Source: Defence Statistics (Tri-Service)

## Full-time Trained Strength (RN/RM & RAF) and Full-time Trade Trained Strength (Army) and Liability

The Full-time Trained Strength (FTTS) (RN/RM & RAF) and Full-time Trade Trained Strength (FTTTS) (Army) (which comprises military personnel who have completed 'Phase 1' and 'Phase 2' training) is counted against the **Liability**. The difference between the two is measured as either a surplus or deficit. This is one indicator of the Service's ability to execute military tasks. Other indicators include the surplus / deficit within key trades or in specific Ranks.

As at 1 May 2017, the FTTS (RN/RM & RAF) and FTTTS (Army) is 138,350, a decrease of 1.3 per cent (1,780 personnel) since 1 May 2016. Of this, the FTTS for the RN/RM is 29,430, 30,770 for the RAF and the FTTTS is 78,150 for the Army. The FTTS (RN/RM & RAF) and FTTTS (Army) comprises: 135,200 Regular personnel (97.7 per cent); 2,570 Gurkhas (1.9 per cent); and 580 Full Time Reserve Service personnel (0.4 per cent) who are filling Regular posts and count against the liability.

**Table 4: FTTS (RN/RM & RAF) & FTTTS (Army) against the Liability**

	1 Apr 14	1 Apr 15	1 Apr 16	1 Feb 17	1 Mar 17	1 Apr 17	1 May 17
FTTS (RN/RM & RAF) & FTTTS (Army)	150 890	144 120	140 430	138 930	138 760	138 840	138 350
Liability	159 640	150 700	146 190	145 400	145 330 r	145 250	145 270
Surplus/Deficit	-8 750	-6 580	-5 750	-6 470	-6 560 r	-6 400	-6 920
% Surplus/Deficit	-5.5	-4.4	-3.9	-4.5	-4.5 r	-4.4	-4.8

Source: Defence Statistics (Tri-Service)

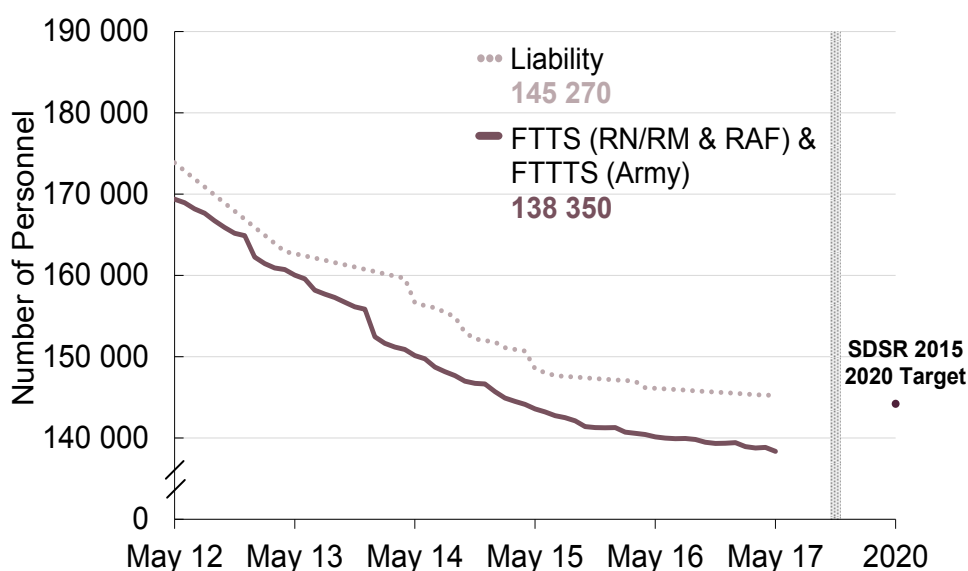
- The current deficit against the Liability is 4.8 per cent for the UK Armed Forces. There is a deficit of 2.6 per cent in the Royal Navy/Royal Marines (RN/RM), 5.4 per cent in the Army and 5.1 per cent in the Royal Air Force (RAF).
- The SDSR 2015 envisaged that by 2020 the UK Armed Forces would have 144,200 personnel, comprising 30,450 for the RN/RM, 82,000 for the Army and 31,750 for the RAF.

**Table 5: FTTS (RN/RM & RAF) & FTTTS (Army) against SDSR2015 Targets for 2020**

	1 Apr 14	1 Apr 15	1 Apr 16	1 Feb 17	1 Mar 17	1 Apr 17	1 May 17	2020 Target
<b>All Services</b>	<b>150 890</b>	<b>144 120</b>	<b>140 430</b>	<b>138 930</b>	<b>138 760</b>	<b>138 840</b>	<b>138 350</b>	<b>144 200</b>
Royal Navy / Royal Marines	30 510	30 060	29 700	29 500	29 480	29 580	29 430	30 450
Army	87 180	82 230	79 750	78 620	78 430	78 410	78 150	82 000
Royal Air Force	33 210	31 830	30 980	30 810	30 850	30 850	30 770	31 750

Source: Defence Statistics (Tri-Service)

**Figure 1: FTTS (RN/RM & RAF) and FTTTS (Army) against Liability and 2020 target derived from SDSR 2015**



**Full-time Trained Strength (RN/RM & RAF) and Full-time Trade Trained Strength (Army)** includes all UK Regular personnel, Gurkhas and those elements of the Full Time Reserve Service (FTRS) who are counted against the liability (see [glossary](#) for more detail).

**Liability** is the number of Service personnel needed, based on the Defence Planning Round, set for each of the three Services.



# UK Regular Personnel

As at 1 May 2017, the trained and untrained strength of the UK Regular Forces (which excludes Gurkhas) was 148,630.

There are 9,230 untrained personnel in the UK Regular Forces, of which 3,640 are in the Army. The untrained strength reflects the number of personnel who can potentially join the trained strength.

**Table 6: UK Regular Forces Strength by Service**

Strength	1 May 16		1 May 17	
<b>RN/RM</b>	<b>32 430</b>		<b>32 360</b>	
Of which trained	29 360	90.5%	29 100	89.9%
<b>Army</b>	<b>84 760</b>		<b>83 180</b>	
Of which trained	76 930	90.8%	79 540	95.6%
Of which trade trained			75 350	90.6%
<b>RAF</b>	<b>33 430</b>		<b>33 090</b>	
Of which trained	30 880	92.4%	30 750	93.0%

Source: Defence Statistics (Tri-Service)

**UK Regulars** are full time Service personnel, including Nursing Services, excluding FTRS personnel, Gurkhas, mobilised Reservists, Military Provost Guarding Service (MPGS), Locally Engaged Personnel (LEP), and Non Regular Permanent Service (NRPS).

**Intake** is defined as the number joining the Strength, whereas **Outflow** is the number leaving.

*Note: || Denotes break in series; the definition of 'Trained' for Army has changed from the 1 October 2016 edition onwards (see page 5). Hence the 1 May 2017 Army Trained Strength figures cannot be compared to earlier figures. However, the 1 May 2017 Army trade trained figure is comparable to the 1 May 2016 Trained figure.*

## Intake and Outflow since 2011

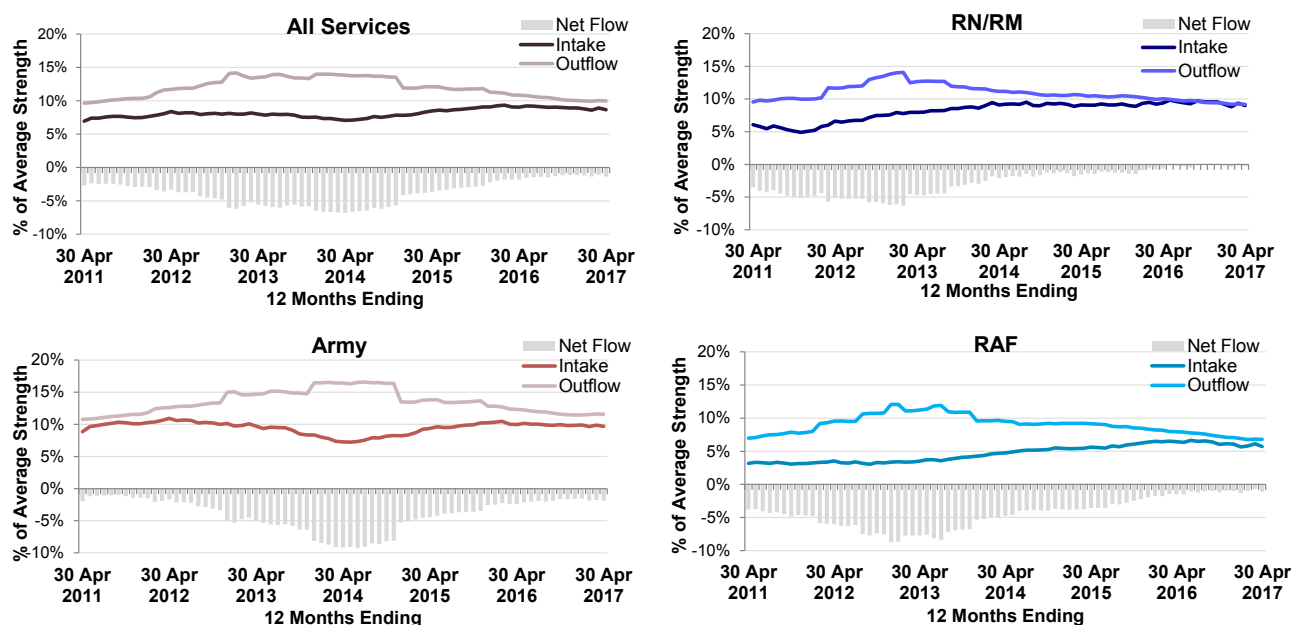
Intake and Outflow over the past six years are presented in Figure 2. Since 2011 outflow has exceeded intake for each 12 month period.

- Excluding personnel who left on redundancy, in the 12 months to 30 April 2017, there was a net outflow of 2,020 personnel from the UK Regular Forces. This difference has reduced compared with the 12 months to 30 April 2016, where there was a net outflow of 2,640.

## Intake

- Intake into the trained and untrained UK Regular Forces was 12,950 in the 12 months to 30 April 2017. This has decreased from 13,750 in the 12 months to 30 April 2016.
- Of the current intake, 10.3 per cent was into Officers and 89.7 per cent was into Other Ranks.
- Compared to the 12 months to 30 April 2016, intake to the RN/RM has decreased by 4.4 per cent, intake to the Army has decreased by 4.5 per cent and the RAF has decreased by 12.6 per cent.

**Figure 2: Net Flow, Intake to and Outflow from the UK Regular Forces over a 12-month period**



# UK Regular Personnel

## Outflow

- Outflow from the trained and untrained UK Regular Forces was 14,970 in the 12 months to 30 April 2017; down from 16,480 in the 12 months to 30 April 2016.
- In the 12 months to 30 April 2017, no trained or untrained personnel left the UK Regular Forces as part of the UK Armed Forces Redundancy Programme. This compares to 100 in the 12 months to 30 April 2016.

Armed Forces Redundancy Programme Tranche 1-4 statistics are available at:

<https://www.gov.uk/government/collections/uk-armed-forces-redundancy-program-statistics-index>

**Voluntary Outflow** encompasses all trained (RN/RM & RAF) and Trade Trained (Army) personnel who voluntarily exit before the end of their agreed engagement or commission period.

**Time Expiry** is a term used to describe those in the Armed Services who reach the end of their engagement or commission and then leave.

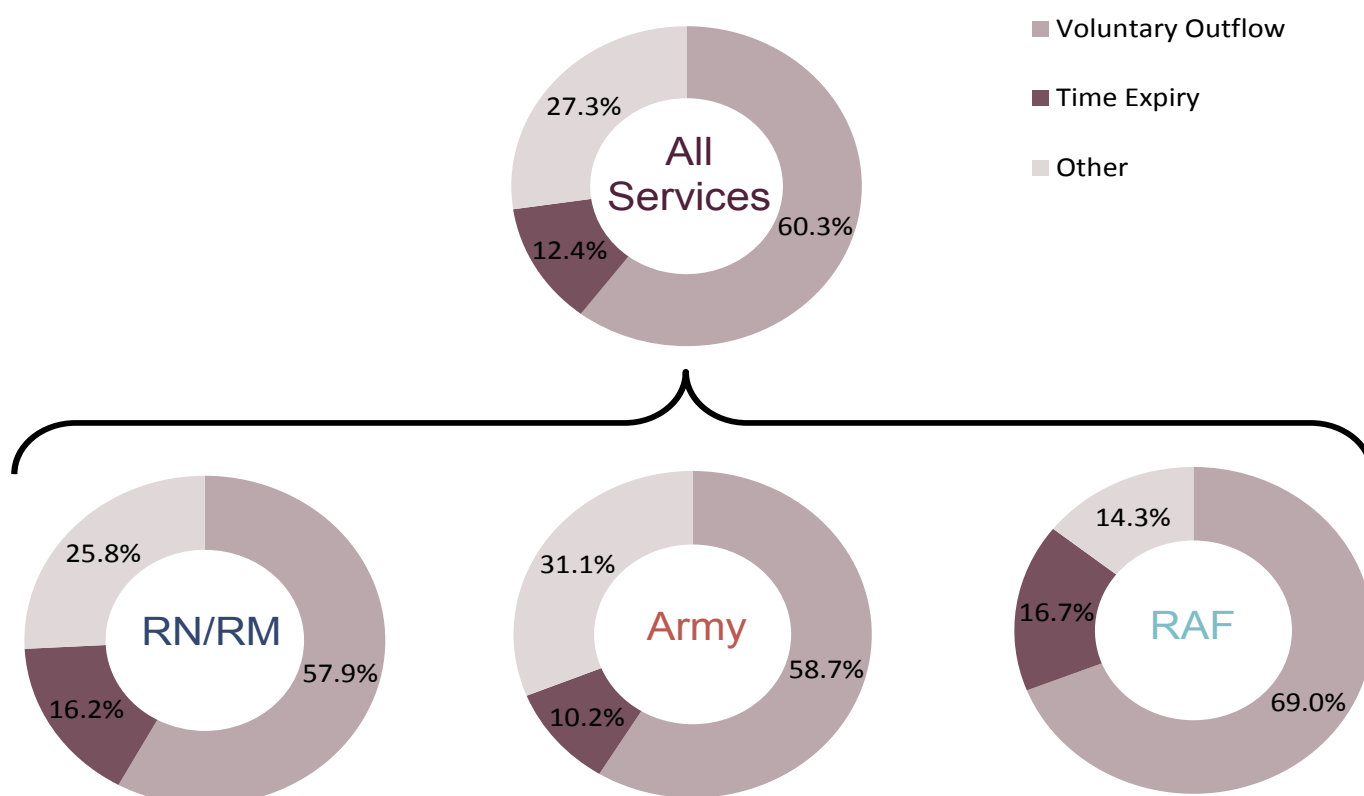
**Other** includes outflow from the trained (RN/RM & RAF) and trade trained (Army) strength due to, amongst others, medical reasons, misconduct, compassionate, dismissals and death.

At a Tri-Service level, in the 12 months to 30 April 2017, more personnel left the trained (RN/RM & RAF) and trade trained (Army) UK Regular Forces by Voluntary Outflow (VO) than for any other reason (Figure 3).

- In the 12 months to 30 April 2017, 7,370 trained (RN/RM & RAF) and trade trained (Army) personnel left through VO; the VO rate was 5.4 per cent. This is a decrease from 7,830 in the 12 months to 30 April 2016 and a VO rate of 5.6 per cent.
- In the 12 months to 30 April 2017, the VO rate is higher amongst Other Ranks (5.6 per cent), compared to Officers (4.4 per cent).

There is no single reason why personnel leave on Voluntary Outflow, but the personnel who completed the [Armed Forces Continuous Attitude Survey](#) indicated reasons for leaving the Armed Forces included the impact of Service life on family and personal life and opportunities outside the Armed Forces.

**Figure 3: Outflow of trained (RN/RM & RAF) and trade trained (Army) UK Regulars by exit reason (12 months to 30 April 2017)**





# Future Reserves 2020 (FR20) programme monitoring

The Ministry of Defence (MOD) has [consulted](#) on changes to the Army trained strength definition and the removal of the FR20 intake targets.

MOD has released revised Future Reserves 2020 trained strength growth profiles in the [Written Ministerial Statement](#) released on 8 November 2016. Reporting of the growth of the Reserves will be based on trained strength profiles only.

## Future Reserves 2020 Strength

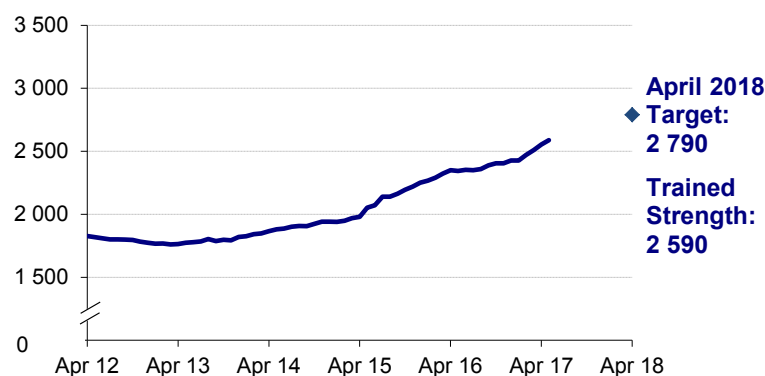
Progress against FR20 population trained strength targets is reported in table 6a of the [Excel tables](#).

The total **trained and untrained strength** of the Tri-Service Future Reserves 2020 was 36,310; an increase of 1,420 personnel or 4.1 per cent since 1 May 2016.

### Future Reserves 2020

includes volunteer reserves who are mobilised, High Readiness Reserves and those volunteer reserves serving on Full Time Reserve Service (FTRS) and Additional Duties Commitment (ADC). Sponsored Reserves who provide a more cost effective solution than volunteer reserve are also included in the Army Reserve FR20.

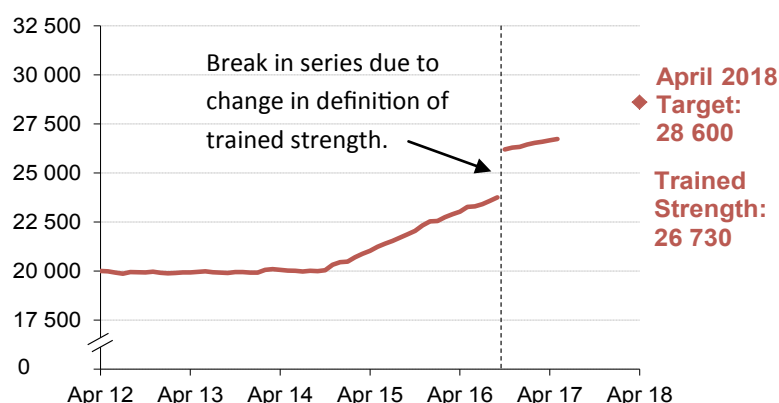
**Figure 4: Maritime Reserve trained strength**



The Maritime Reserve total strength as at 1 May 2017 was 3,580. This is an increase of 50 personnel (1.5 per cent) since 1 May 2016.

Figure 4 shows that the Maritime Reserve trained strength was 2,590 as at 1 May 2017. This is an increase of 240 personnel (10.4 per cent) since 1 May 2016.

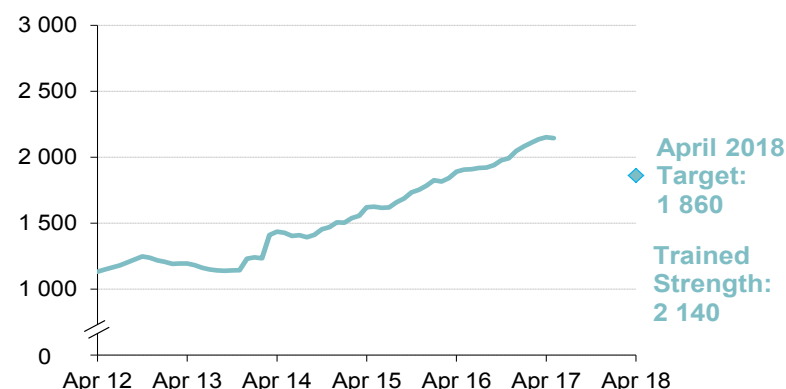
**Figure 5: Army Reserve FR20 trained strength**



The Army Reserve total strength as at 1 May 2017 was 30,010. This is an increase of 1,220 personnel (4.2 per cent) since 1 May 2016.

The Army changed its definition of trained strength to include phase 1 trained personnel from 1 October 2016 (see Policy Background for more information). Figure 5 shows that the Army Reserve trained strength was 26,730 as at 1 May 2017.

**Figure 6: RAF Reserves trained strength**



The RAF Reserves total strength as at 1 May 2017 was 2,720. This is an increase of 150 personnel (5.8 per cent) since 1 May 2016.

Figure 6 shows that as at 1 May 2017 the RAF Reserves trained strength was 2,140. This is an increase of 240 personnel (12.5 per cent) since 1 May 2016.

# Future Reserves 2020 (FR20) programme monitoring

## FR20 Intake

Intake statistics report how many people have joined the trained or untrained strengths. As well as new recruits, this can include personnel transferring from the Regular Forces, other Reserve populations, or Reserve re-joiners.

In the 12 months between 1 May 2016 and 30 April 2017, **intake** to the Tri-Service Future Reserves 2020 population was **6,570 people**; an **18.6 per cent decrease** on the same 12 month period in the previous year.

**Table 7: Intake to Future Reserves 2020, trained and untrained**

Intake	1 May 15 30 Apr 16	1 May 16 30 Apr 17	Increase/ Decrease	% Increase/ Decrease
Maritime Reserve	1 080 r	890	-190	-17.6%
Army Reserve	6 170 r	5 040	-1130	-18.3%
RAF Reserves	820	630	-180	-22.5%

Source: Defence Statistics (Tri-Service)

1. For more information on revisions, please see p12.

## FR20 Outflow

Outflow statistics report how many personnel have left the trained or untrained strengths. The majority of outflow is personnel leaving the Armed Forces, though around 15 percent do transfer to another part of the Armed Forces, such as the Regulars or another Reserve Force.

In the 12 months between 1 May 2016 and 30 April 2017 **outflow** from the Tri-Service Future Reserves 2020 population was **5,150 people**; a **16.9 per cent increase** compared with the same 12 month period in the previous year.

The Maritime Reserve and the Army Reserve have seen an increase in total number of personnel leaving (total outflow) in the 12 months to 30 April 2017 compared to the same time period last year. Increases in outflow are expected following the FR20 programme's aim to increase the size of the Reserve Forces.

**Figure 7: Total Outflow rate by Service**

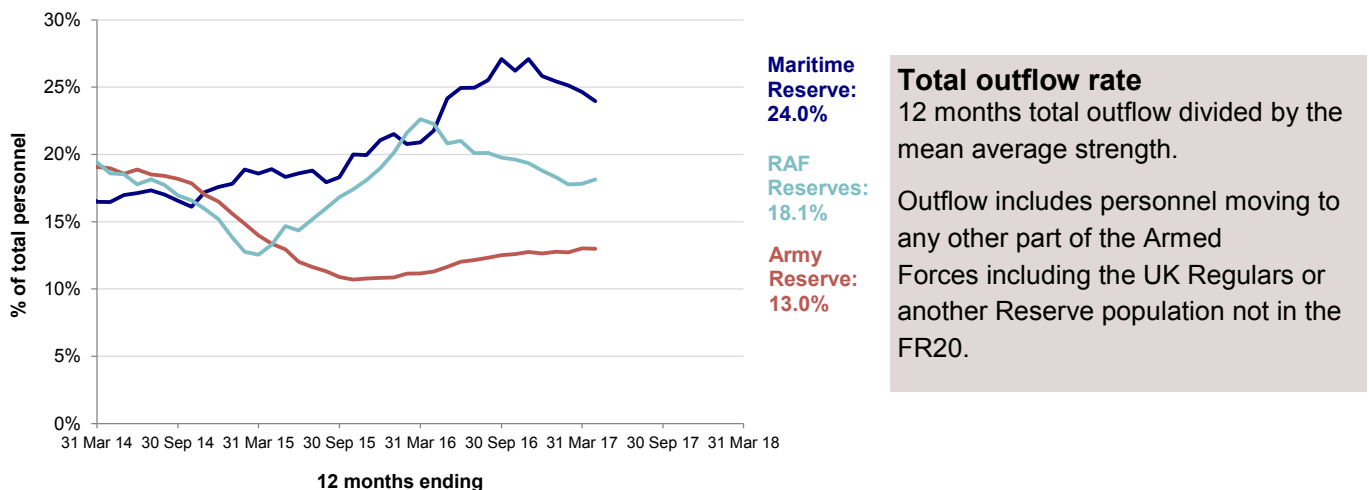


Figure 7 shows the total outflow rate which takes into account the growth of total strength.

The total outflow rates for each service in the 12 months to 30 April 2017 are as follows:

- The Maritime Reserve total outflow rate was **24.0 per cent**; an increase of 2.2 percentage points since the 12 months to 30 April 2016.
- The Army Reserve total outflow rate was **13.0 per cent**; an increase of 1.7 percentage points since the 12 months to 30 April 2016.
- The RAF Reserves total outflow rate was **18.1 per cent**; an decrease of 4.1 percentage points since the 12 months to 30 April 2016.

## Separated Service

**Separated service** measures absence from normal place of duty. The time an individual experiences separated service is compared against each Service's "**Individual Harmony**" guidelines to ensure a balance between duty and leisure for all Service Personnel.

A breach of individual harmony guidelines occurs when Service personnel experience separated service for longer than the period outlined in individual harmony guidelines, which are based on the structures and organisation of that Service. The guidelines are measured over a 36 month period and the limits are **660 days** away for the RN/RM; **498 days** for the Army; and **468 days** away for the RAF.

**Separated Service** concerns personnel who are serving away from their usual place of duty or are unable to enjoy leisure at their normal place of duty or residence at place of duty.

**Individual Harmony** is the freedom to enjoy leisure at the normal place of duty or residence at place of duty; this includes leave and adventurous training.

Using 1 April 2017 as an example:

### Trained UK Regular personnel breaching over 1 April 2014 – 31 March 2017

#### Trained UK Regular personnel as at 1 April 2017

Table 8 shows the rate at which individual harmony guidelines have been breached by Service.

**Table 8: Separated Service**

	1 Oct 15	1 Jan 16	1 Apr 16	1 Jul 16	1 Oct 16	1 Jan 17	1 Apr 17
% Breaching Harmony							
RN/RM	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Army	2.6	2.4	2.3	2.2	2.1	2.0	1.6
RAF	1.3	0.8	0.7	0.7	0.7	0.6	0.5

Source: Defence Statistics (Tri-Service)

Compared with 1 April 2016, the Army and RAF have seen a decrease in breach rates at 1 April 2017. The RN/RM has shown a constant level from 1 April 2016 to 1 April 2017.

## Further Information

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### Rounding

Figures in this publication have been rounded to the nearest 10, though numbers ending in a “5” have been rounded to the nearest multiple of 20 to prevent the systematic bias caused by always rounding numbers upwards. For example; a value of “25” would be rounded down to “20” and a value of “15” would be rounded up to “20”.

Additionally, totals and sub-totals are rounded separately and so may not equal the sums of their rounded parts.

Percentages are calculated from unrounded data and presented to one decimal place.

The MOD Disclosure Control and Rounding policy is published on GOV.UK and we have applied this policy to the statistics in the accompanying Excel tables. The policy is available here: <https://www.gov.uk/government/publications/defence-statistics-policies>.

### Revisions

Corrections to the published statistics will be made if errors are found, or if figures change as a result of improvements to methodology or changes to definitions. When making corrections, we will follow the Ministry of Defence [Statistics Revisions and Corrections Policy](#). All corrected figures will be identified by the symbol “r”, and an explanation will be given of the reason for and size of the revision. Corrections which would have a significant impact on the utility of the statistics will be corrected as soon as possible, by reissuing the publication. Minor errors will also be corrected, but for efficient use of resource these corrections may be timed to coincide with the next annual release of the publication.

There has been a minor change in the methodology used to produce Reserves statistics from 1 April 2017. This aligns our methodology with that used to produce Regulars statistics. This now allows us to capture individuals who intake and outflow within the same month. For example, if an individual joins on 3 March and leaves on 29 March they are now counted as an intake and an outflow under the new methodology, whereas previously this would not have been identifiable. The net effect of this change on our Statistics is negligible - seldom affecting greater than ten personnel in a month - but it does improve both the accuracy and efficiency of our processes. The historic back-series of Reserves data affected has been revised to reflect this in 1 May 2017’s edition of Monthly Service Personnel Statistics.

Minor revisions have also been made to Maritime Reserve strength figures for 1 January 2017 and 1 February 2017. These are the result of previously incorrect classification of some FTRS and ADC personnel as Volunteer Reserves rather than Regular Reserves, and vice-versa. This has resulted in a net change of +1 and –17 to the FR20 trained strength for 1 January 2017 and 1 February 2017 respectively, and reciprocal changes to the total strength of the Serving Regular Reserve.

The number of Gurkhas as at 1 Nov 2013 has been revised from 3152 to 3153 (Table 1 and 2b). The number of MPGS personnel as at 1 Mar 2015 has been revised from 2929 to 2930 (Table 1 and 2b).

The liabilities for the Royal Navy/ Royal Marines and the RAF, as well as the Officer Rank Breakdowns and Tri-Service total liabilities as at 1 Mar 2017 have been revised (Table 3a).

The 12-month-ending figures for redundancies within Other Ranks in the Army has been revised for each month since Sep-2016, as 3 personnel were previously erroneously marked as redundant.

Liability figures (as well as Officer/Rank breakdowns) for 1 May 2017 are currently interpolated from FY2016/17 liabilities and are considered provisional. These will be revised as and when the FY2017/18 liability figures become available.

There are no regular planned revisions of this Bulletin.

### Symbols

	Discontinuity in time series
*	not applicable
..	not available
–	Zero
~	5 or fewer
p	Provisional
e	Estimate
r	Revised

*Italic* figures are used for percentages and other rates, except where otherwise indicated.

## Further Information (cont.)

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### Contact Us

Defence Statistics welcome feedback on our statistical products. If you have any comments or questions about this publication or about our statistics in general, you can contact us as follows:

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If you require information which is not available within this or other available publications, you may wish to submit a Request for Information under the Freedom of Information Act 2000 to the Ministry of Defence. For more information, see:

<https://www.gov.uk/make-a-freedom-of-information-request/the-freedom-of-information-act>

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