



This quarterly release provides statistical information on the number of UK Armed Forces personnel and UK Entitled Civilians, who died, were injured or became ill on Operations SHADER (Iraq and Syria), GRITROCK (Ebola crisis in West Africa) and TORAL (Afghanistan).

A section is provided on the total number of patients treated at the UK military facility, Kerry Town Treatment Unit, in Sierra Leone. The number of UK Service Personnel and the number of UK Entitled Civilians admitted to the Treatment Unit are also presented.

Key Points and Trends

Between 6 August 2014 to 30 September 2015 there were **101** UK Service personnel who sustained an injury or had an illness whilst on Operations of which **None** were Battle Injuries (BI), **33** were Non Battle Injuries (NBI), **68** were Natural Causes including Disease (NC). **14** of these were sustained within the latest quarter (Q2).

Of the injuries/illnesses recorded within this quarterly statistical release:

- **14** UK Service Personnel had an injury or illness on Op SHADER between Q1-Q2 2015/16.
- **Two** UK Service Personnel had an injury or illness on Op GRITROCK in Q2 2015/16.
- **Three** UK Service Personnel sustained an injury on Op TORAL in Q2 2015/16.
- **No** UK Entitled Civilians had an injury or illness whilst on an Operation.
- **None** died as a result of deployment on Operations.
- **One** UK Service personnel was Seriously Injured/Ill (SI).
- **11** were aeromedically evacuated out of the operational theatre during Q2 2015/16.

During the latest quarter, 1 July 2015 to 30 September 2015 (Q2, 2015/16) there were:

- **No** patients admitted to the Kerry Town Treatment Unit.

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Background quality report: The Background Quality Report for this publication can be found [here](#).

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Introduction

MOD is committed to publishing casualty and fatality information on all medium scale operations and any which are deemed to be of high interest to the public.

This statistical bulletin replaces the Casualty and Fatality statistics previously reported.

This quarterly report provides statistical information on the number of UK Armed Forces personnel and UK Entitled Civilians, who died, were injured or became ill on Operations SHADER (Iraq and Syria), GRITROCK (Ebola crisis in West Africa) and TORAL (Afghanistan). This report covers the time period 6 August 2014 (the start of Operation SHADER) to 30 September 2015 (the latest data available).

2014					2015									
August	September	October	November	December	January	February	March	April	May	June	July	August	September	
Op SHADER from 6 Aug 2014														
Op GRITROCK from 15 Sept 2014														
Op TORAL from 1 Dec 2014														

This report has been provided in response to the increasing number of requests for information about UK Service Personnel deployed on current operations. The MOD are committed to making information on Operational Casualties public but have to draw a line between how much information is provided regularly in the public domain and information which compromises operational security of UK Armed Forces personnel or which risks breaching an individual's right to medical confidentiality.

This report has been published to support the MOD's commitment to release information wherever possible.

Numbers for Operations GRITROCK and TORAL will be updated quarterly, numbers for Operation SHADER will be updated bi-annually.

Overall Results

UK Service Personnel

During the latest quarter, 1 July 2015 to 30 September 2015 (Q2, 2015/16) there were **14** UK Service Personnel who sustained an injury or had an illness whilst on Operations¹, **four** were Non Battle Injuries and **10** were Natural Causes (Table 1).

Between 1 July 2015 to 30 September 2015:

- **None** died as a result of Operations (Table 1).
- There has been **one** casualty listed as Seriously Injured/III (Table 1a).
- Of the four Non Battle Injuries, **one** was listed as a Seriously Injured/III casualty and **three** were Unknown².
- Of the 10 Natural Causes, **five** were Unlisted Condition and **five** were Unknown.
- **11**³ UK Service personnel have been aero-medically evacuated from Operations.

Table 1: UK Service personnel who died, sustained an injury or had an illness whilst on Operations¹ by Financial Year and Quarter, 6 August 2014 to 30 September 2015, Numbers²

Quarter/Year of Injury/Death	All Casualties and Fatalities	Survivors				Fatalities			
		All	Battle Injury	Non Battle Injury	Natural Cause	All	Killed in Action	Died of Wounds	Died on Operations
All	101	101	0	33	68	0	0	0	0
2014-15 ³	71	71	0	20	51	0	0	0	0
6 August - 30 September (Q2)	1	1	0	0	1	0	0	0	0
1 October - 31 December (Q3)	28	28	0	10	18	0	0	0	0
1 January - 31 March (Q4)	42	42	0	10	32	0	0	0	0
2015-16	30	30	0	13	17	0	0	0	0
1 April - 30 June (Q1)	16	16	0	9	7	0	0	0	0
1 July - 30 September (Q2)	14	14	0	4	10	0	0	0	0

Source: Initial NOTICAS (JPA) and Aeromedical Evacuation Control Centre (AECC) database

¹ Includes Operations SHADER, GRITROCK and TORAL.

² In the survivors section, the year refers to the financial year in which the injury occurred. In the fatalities section, the year refers to the financial year in which personnel died. It is therefore possible for an individual to be injured in one financial year and die in a subsequent financial year. If a casualty previously recorded as a surviving casualty subsequently dies from their wounds/injuries, they will only be recorded in the fatalities section.

³ From 6 August 2014 (start of Op SHADER)

UK Civilians

During the latest quarter, 1 July 2015 to 30 September 2015 (Q2, 2015/16) there were **no** UK Civilians who died as a result of deployment on Operations.

During the latest quarter, 1 July 2015 to 30 September 2015 (Q2, 2015/16) there were **no** UK Entitled Civilians who sustained an injury or illness whilst on Operations.

¹ Includes Operations SHADER, GRITROCK and TORAL.

² Not all casualties will have an Initial Notification of Casualty (NOTICAS) raised and therefore the severity classification is unknown.

³ The injury/natural cause for which a casualty is being aeromedically evacuated may have occurred in a previous quarter.

Operation SHADER

The MOD is providing military support to the US led Coalition to defeat Islamic State of Iraq and the Levant (ISIL) in Iraq and Syria. This support includes training Kurdish forces, beginning with the use of UK gifted machine guns, and gifting and delivering over 320 tonnes of weapons, ammunition and other military equipment. Since the Parliamentary vote, the RAF has flown successful strikes and provided valuable intelligence and surveillance.

UK Service Personnel

Between 1 April 2015 and 30 September 2015 there were **14** UK Service Personnel who sustained an injury or had an illness whilst on Op SHADER, **seven** were Non Battle Injuries and **seven** were Natural Causes (Table 2).

During the 1 April 2014 to 30 September 2015:

- **None** died as a result of Op SHADER (Table 2).
- **One**⁴ was listed as Seriously Injured/III (Table 2a).
- Of the seven Non Battle Injuries, **one** was listed as Seriously Injured/III, **one** was Unlisted Condition and **five** were Unknown⁵.
- Of the seven Natural Causes, **two** were Unlisted Condition and **five** were Unknown.
- **12**⁶ UK Service personnel were aero-medically evacuated from Op SHADER (Table 2b).

Table 2: UK Service personnel who died, sustained an injury or had an illness whilst on Op SHADER by Financial Year (Bi-Annual) and Quarter, 6 August 2014 to 30 September 2015, Numbers

Bi-Annual/Year of Injury/Death	All Casualties and Fatalities	Survivors				Fatalities			
		All	Battle Injury	Non Battle Injury	Natural Cause	All	Hostile Action		Died on Operations
						Killed in Action	Died of Wounds		
All	24	24	0	14	10	0	0	0	
2014-15	10	10	0	7	3	0	0	0	
6 August - 31 March (Q2/Q3/Q4)	10	10	0	7	3	0	0	0	
2015-16	14	14	0	7	7	0	0	0	
1 April - 30 September (Q1/Q2)	14	14	0	7	7	0	0	0	

Source: Initial NOTICAS (JPA) and Aeromedical Evacuation Control Centre (AECC) database

¹ In the survivors section, the year refers to the financial year in which the injury occurred. In the fatalities section, the year refers to the financial year in which personnel died. It is therefore possible for an individual to be injured in one financial year and die in a subsequent financial year. If a casualty previously recorded as a surviving casualty subsequently dies from their wounds/injuries, they will only be recorded in the fatalities section.

² From 6 August 2014 (start of Op SHADER)

UK Civilians

During the time period 1 April 2015 and 30 September 2015 there were **no** UK Entitled Civilians who died as a result of Op SHADER.

During the time period 1 April 2015 and 30 September 2015 there were **no** UK Entitled Civilians who sustained an injury or had an illness whilst on Op SHADER.

⁴ Numbers from the data sources will not sum to total number of personnel who sustained an injury or illness for a number of reasons including: individuals may appear in more than one of the data sets and will be counted in each data source but only once in the total; not all personnel will have an initial NOTICAS raised.

⁵ Not all casualties will have an Initial NOTICAS raised and therefore the severity classification is unknown.

⁶ The injury/illness for which a casualty is being aeromedically evacuated may have occurred in a previous quarter.

Operation GRITROCK

The current Ebola crisis in West Africa is beyond the capacity of national authorities and non-governmental organisations (NGOs) alone. The MOD is assisting the Department for International Development in providing a key component in the UK's response. MOD involvement is enabling Western standard medical care for Ebola and non-Ebola (disease and non battle injury) patients, whilst taking the necessary measures to contain a wider outbreak.

UK Service Personnel

During the latest quarter, 1 July 2015 to 30 September 2015 (Q2, 2015/16) there were **two** UK Service Personnel who sustained an injury or had an illness whilst on Op GRITROCK, both were Natural Causes (Table 3).

During the 1 July 2015 to 30 September 2015:

- **None** died as a result of Op GRITROCK (Table 3).
- **None**⁷ were listed as Very Seriously Injured/III or Seriously Injured/III (Table 3a).
- The severity classification of the two Natural Causes casualties is Unlisted Condition.
- **No**⁸ UK Service personnel were aero-medically evacuated from Op GRITROCK (Table 3b).

Table 3: UK Service personnel who died, sustained an injury or had an illness whilst on Op GRITROCK by Financial Year and Quarter, 15 September 2014 to 30 September 2015, Numbers

Quarter/Year of Injury/Death ¹	All Casualties and Fatalities	Survivors				Fatalities			
		All	Battle Injury	Non Battle Injury	Natural Cause	All	Hostile Action Killed in Action	Died of Wounds	Died on Operations
All	59	59	0	11	48	0	0	0	0
2014-15 ²	51	51	0	10	41	0	0	0	0
15 September - 30 September (Q2)	0	0	0	0	0	0	0	0	0
1 October - 31 December (Q3)	20	20	0	6	14	0	0	0	0
1 January - 31 March (Q4)	31	31	0	4	27	0	0	0	0
2015-16	8	8	0	1	7	0	0	0	0
1 April - 30 June (Q1)	6	6	0	1	5	0	0	0	0
1 July - 30 September (Q2)	2	2	0	0	2	0	0	0	0

Source: Initial NOTICAS (JPA) and Aeromedical Evacuation Control Centre (AECC) database

¹ In the survivors section, the year refers to the financial year in which the injury occurred. In the fatalities section, the year refers to the financial year in which personnel died. It is therefore possible for an individual to be injured in one financial year and die in a subsequent financial year. If a casualty previously recorded as a surviving casualty subsequently dies from their wounds/injuries, they will only be recorded in the fatalities section.

² From 15 September 2014 (start of Op GRITROCK)

UK Civilians

During the latest quarter, 1 July 2015 to 30 September 2015 (Q2, 2015/16) there were **no** UK Entitled Civilians who died as a result of Op GRITROCK.

During the latest quarter, 1 July 2015 to 30 September 2015 (Q2, 2015/16) there were **no** UK Entitled Civilians who sustained an injury or illness whilst on Op GRITROCK.

⁷ Numbers from the data sources will not sum to total number of personnel who sustained an injury or illness for a number of reasons including: individuals may appear in more than one of the data sets and will be counted in each data source but only once in the total; not all personnel will have an initial NOTICAS raised.

⁸ The injury/illness for which a casualty is being aeromedically evacuated may have occurred in a previous quarter.

Kerry Town Treatment Unit

An Ebola treatment facility opened on the 5 November 2014 in Kerry Town, near the Sierra Leone capital Freetown. This facility was run by UK Military until 30 June 2015 when it was handed over to Aspen Medical by the deployed military team. The Kerry Town complex included an 80 bed treatment centre managed by Save the Children and a 12 bed centre staffed by UK military medics specifically for health care workers and international staff responding to the Ebola crisis. This section focuses only on those patients that were admitted to the 12 bed Health worker treatment centre run by the UK military.



Figure 1: The Kerry Town Treatment Centre in Sierra Leone near the capital Freetown.

Source: Royal Navy
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Table 4: Patients admitted to the Kerry Town Treatment Unit in Sierra Leone, 5 November 2014 to 30 June 2015, by Type of Disease and Financial Year and Quarter, Numbers

Quarter/Year Admitted	Number of Patients Admitted	Type of Disease		
		Ebola Virus	Other ¹	Unknown ²
All	125	43	55	27
Alive	104	23	54	27
Deceased	21	20	1	0
2014-15 ³	108	42	43	23
5 November - 31 December (Q3)	43	24	13	6
1 January - 31 March (Q4)	65	18	30	17
2015-16	19	1	13	5
1 April - 30 June (Q1) ⁴	19	1	13 r	5 r

Source: Kerry Town treatment Unit (KTTU), Medical audit Form (MAF)

¹ 'Other' diseases for example include Malaria, Shigella and E Coli.

² Type of disease not identified.

³ From 5 November 2014 (date KTTU opened)

⁴ KTTU was handed over to Aspen Medical by the deployed military team on the 30 June 2015

r indicates a revision due to late reporting

Operation TORAL

The UK's post 2014 contribution to operations in Afghanistan under the NATO RESOLUTE SUPPORT MISSION. Casualty and fatality statistics for Operations VERITAS and HERRICK in Afghanistan (Oct 2001 to Dec 2014) have been published by MOD on a monthly basis since 2006, these are available on Gov.uk.

UK Service Personnel

During the latest quarter, 1 July 2015 to 30 September 2015 (Q2, 2015/16) there were **three** UK Service Personnel who sustained an injury or had an illness whilst on Op TORAL, all of which were Natural Causes (Table 5).

During 1 July 2015 to 30 September 2015:

- **None** died as a result of Op TORAL (Table 5).
- **None**⁹ were Very Seriously Injured/III or Seriously Injured/III (Table 5a).
- Of the three Natural Causes, **one** was Unlisted Condition and **two** were Unknown¹⁰.
- **Two**¹¹ UK Service personnel were aero-medically evacuated from Op TORAL (Table 5b).

Table 5: UK Service personnel who died, sustained an injury or had an illness whilst on Op TORAL by Financial Year and Quarter, 1 December 2014 to 30 September 2015, Numbers¹

Quarter/Year of Injury/Death	All Casualties and Fatalities	Survivors				Fatalities			
		All	Battle Injury	Non Battle Injury	Natural Cause	All	Hostile Action Killed in Action	Action Died of Wounds	Died on Operations
All	18	18	0	8	10	0	0	0	0
2014-15	10	10	0	3	7	0	0	0	0
1 December - 31 December (Q3)	5	5	0	1	4	0	0	0	0
1 January - 31 March (Q4)	5	5	0	2	3	0	0	0	0
2015-16	8	8	0	5	3	0	0	0	0
1 April - 30 June (Q1)	5	5	0	5	0	0	0	0	0
1 July - 30 September (Q2)	3	3	0	0	3	0	0	0	0

Source: Initial NOTICAS, Aeromedical Evacuation Control Centre (AECC) database and JPA

¹ In the survivors section, the year refers to the financial year in which the injury occurred. In the fatalities section, the year refers to the financial year in which personnel died. It is therefore possible for an individual to be injured in one financial year and die in a subsequent financial year. If a casualty previously recorded as a surviving casualty subsequently dies from their wounds/injuries, they will only be recorded in the fatalities section.

² From 1 December 2014 (start of Op TORAL)

UK Civilians

During the latest quarter, 1 July 2015 to 30 September 2015 (Q2, 2015/16) there were **no** UK Entitled Civilians who died as a result of Op TORAL.

During the latest quarter, 1 July 2015 to 30 September 2015 (Q2, 2015/16) there were **no** UK Entitled Civilians who sustained an injury or had an illness whilst on Op TORAL.

⁹ Numbers from the data sources will not sum to total number of personnel who sustained an injury or illness for a number of reasons including: individuals may appear in more than one of the data sets and will be counted in each data source but only once in the total; not all personnel will have an initial NOTICAS raised .

¹⁰ Not all casualties will have an Initial NOTICAS raised and therefore the severity classification is unknown.

¹¹ The injury/illness for which a casualty is being aeromedically evacuated may have occurred in a previous month.

Methodology

This section provides a brief summary of the methodology and data sources; more detailed information is available in the background quality report for this bulletin.

Overall Operational Casualties:

The Overall figures for the number of casualties and fatalities on Operations are compiled from multiple data sources used to report on Operational Casualties and deaths.

A Casualty will only be counted once for their injury or illness in this section, even if they appear in all datasets. If a casualty was previously recorded as a surviving casualty subsequently dies from their wounds/injuries, they will only be recorded in the fatalities section.

For each Operation:

The overall figures for the number of casualties and fatalities from the multiple data sources used to report on Operational deaths and casualties. A Casualty or fatality will only be counted once for their injury or illness in this section, even if they appear in all datasets.

Data series on (i) Initial Notification of Casualty (ii) Number of UK Service Personnel Aeromedically Evacuated are provided in the supplementary tables.

UK Entitled Civilians

This section provides the number of UK entitled Civilians who have sustained an injury or illness on Operations and the number of UK entitled Civilians who have died as a result of Operations.

For Operation GRITROCK:

An additional section is provided on the number of patients treated at the UK military treatment facility within the Kerry Town Treatment Unit in Sierra Leone. The number of UK Service Personnel and the number of UK Civilians admitted to the Treatment Unit are also presented.

Operational Casualty and Fatality Data (see Background Quality Report for more information on each data source)

Data on Operational Casualties are compiled by Defence Statistics from the following data sources: Initial Notification of Casualty (NOTICAS), Aeromedical Evacuations and Medical Audit forms from the Kerry Town Treatment Unit (KTTU).

Data on Operational Fatalities are compiled by Defence Statistics from the following data sources: Initial Notification of Casualty (NOTICAS), weekly notifications of deaths for UK entitled civilians on Operations and all regular Armed Forces deaths from the Joint Casualty and Compassionate Cell; Notification from Permanent Joint Headquarters (PJHQ) at the time of death for all Operational deaths; Additional information on cause of death from military medical sources in the single Services.

Glossary

BI	Battle Injury	A Battle Injury includes those wounded as a result of hostile action. This includes injuries sustained whilst avoiding direct or indirect fire. Also described as 'wounded in action'.
NBI	Non-Battle Injury	A Non-Battle Injury is any injury that is not caused by a hostile act and includes any accidental injuries such as sports injuries, road traffic accidents etc.
NC	Natural Causes	Natural Causes includes illness, disease and pregnancy.
NOTICAS	Notification of Casualty	Notification of Casualty (or NOTICAS) is the name for the formalised system of reporting casualties within the UK Armed Forces. The NOTICAS reports raised for casualties contain information on how seriously medical staff on operations judge their condition to be.
VSI	Very Seriously Injured/III	Where the patients condition is of such severity that life or reason is imminently endangered.
SI	Seriously Injured/III	Where the patient's condition is of such severity that there is cause for immediate concern, but there is no imminent danger to life or reason.
III	Incapacitated Injury/Illness	Any illness or injury (including battle casualties) which does not warrant classification of VSI or SI but renders them physically and/or mentally incapacitated.
UL	Unlisted casualty	An individual whose illness or injury requires hospitalisation but whose condition does not warrant classification as VSI, SI or III.
HA	Hostile Action	Hostile action includes deaths categorised as Killed in Action or Died of Wounds.
KIA	Killed in Action	A battle casualty who is killed outright or who dies as a result of wounds or other injuries before reaching a medical treatment facility.
DOW	Died of Wounds	A battle casualty who dies of wounds or other injuries received in action, after having reached a medical treatment facility. This only includes those who have died of wounds whilst under the care of Defence Medical Services.
DOP	Died on Operations	A casualty who died whilst deployed on, or as a result of operations but is not KIA or DOW. Includes operational accidents, road traffic accidents, assaults, suicides and deaths as a result of natural causes.

- AECC** **Aero-medical Evacuation Control Centre**
Aeromedical Evacuation (AE) is the medically supervised movement of patients to and between medical treatment facilities by air transportation. See Background Quality Report for further information on Aeromed Evacuations.
- JPA** **Joint Personnel Administration** JPA is the personnel administration system used by the UK Armed Forces. It is the single authoritative source for demographic information for personnel.
- NGO** **Non-Governmental Organisation**
- KTTU** **Kerry Town Treatment Unit**
- PJHQ** **Permanent Joint Headquarters** Permanent Joint Headquarters is the British Tri-Service Headquarters from where all overseas military operations are planned and controlled.
- ISIL** **Islamic State of Iraq and the Levant**
Also known as Isamic State, Da,esh or ISIS.

Further Information

Symbols

- || discontinuity in time series
- * not applicable
- .. not available
- Zero or rounded to zero

Italic figures are used for percentages and other rates.

Rounding

Where rounding has been used, totals and sub-totals have been rounded separately and so may not equal the sums of their rounded parts.

Revisions

There are no regular planned revisions of this Bulletin. Amendments to figures for earlier years may be identified during the annual compilation of this Bulletin. This will be addressed in one of two ways:

- i. where the number of figures updated in a table is small, figures will be updated and those which have been revised will be identified with the symbol "r". An explanation for the revision will be given in the footnotes to the table.
- ii. where the number of figures updated in a table is substantial, the revisions to the table, together with the reason for the revisions, will be identified in the commentary at the beginning of the relevant chapter / section, and in the commentary above affected tables. Revisions will not be identified by the symbol "r" since where there are a large number of revisions in a table this could make them more difficult to read.

Occasionally updated figures will be provided to the editor during the course of the year. Since this Bulletin is published electronically, it is possible to revise figures during the course of the year. However to ensure continuity and consistency, figures will only be adjusted during the year where it is likely to substantially affect interpretation and use of the figures.

Further Information (cont.)

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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