



Ministry
of Defence

Defence Statistics Health
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Dear [REDACTED],

Thank you for your email of 20 February 2018 requesting the following information:

*"I am looking for information for my self regarding service personnel with cancer specifically Liver Cancer. I came across the reference number above and there codes.
ICD code C22 MN of the liver and intrahepatic bile ducts. Number of deaths 26.
Please may I request further Information on the different services the personnel served In, age, and name given to the type of cancer that they all had. If you have more data to date that would be really helpful to."*

I am treating your correspondence as a request for information under the Freedom of Information Act 2000.

A search for the information has now been completed within the Ministry of Defence, and I can confirm that the information in scope of your request is held.

Table 1 below provides up to date information as requested by Service, Age and by the individual International statistical classification of diseases and related health problems (ICD-10) code.

Please note, all codes have been presented further at the four character level for the ICD-10 code: **C22 – Malignant Neoplasm of the liver and intrahepatic bile ducts**. The codes have been presented as they are written in the ICD-10 classification and where codes do not follow on in sequence (for example C22.4 to C22.7) this is because the codes do not exist in ICD-10 and not because they have been omitted from the table.

Table 1: UK Armed Forces¹ deaths due to malignant neoplasm of the liver and intrahepatic ducts, numbers

1 January 1984 to 31 December 2017

ICD-10 Code (C22 - Malignant neoplasm of liver and intrahepatic bile ducts) and age group at time of death	All	Naval Service ²	Army	RAF
All	27	6	17	4
C22.0 - Liver cell carcinoma (Hepatocellular carcinoma, Hepatoma)	7	1	5	1
<20	1	0	0	1
20-24	3	1	2	0
25-29	1	0	1	0
30-34	1	0	1	0
55+	1	0	1	0
C22.1 - Intrahepatic bile duct carcinoma (Cholangiocarcinoma)	8	2	4	2
25-29	1	0	1	0
30-34	1	0	0	1
35-39	2	1	1	0
45-49	3	1	2	0
50-54	1	0	0	1
C22.2 - Hepatoblastoma	0	0	0	0
C22.3 - Angiosarcoma of liver	0	0	0	0
C22.4 - Other sarcomas of liver	0	0	0	0
C22.7 - Other specified carcinomas of liver	1	0	1	0
20-24	1	0	1	0
C22.9 - Liver, unspecified	11	3	7	1
20-24	2	0	2	0
25-29	1	1	0	0
30-34	1	0	1	0
35-39	1	0	1	0
40-44	2	1	0	1
45-49	1	0	1	0
50-54	2	0	2	0
55+	1	1	0	0

Source: Defence Statistics Health

Notes:

1. Figures are for all regular personnel and only those reservists who have died whilst on operational deployment.
2. Royal Navy and Royal Marines.

Defence Statistics (Health) compiles the Department's authoritative deaths database for all UK Armed Forces personnel who died whilst in Service going back to 1984. Information is compiled from several internal and external sources from which we release a number of internal analyses and external National Statistics Notices.

To record information on cause and circumstances of death, Defence Statistics uses the World Health Organisation's International Statistical Classification of Diseases and Health-related Problems 10th revision (ICD-10).

ICD is the foundation for the identification of health trends and statistics globally, and the international standard for reporting diseases and health conditions. It is the diagnostic classification standard for all clinical and research purposes. ICD defines the universe of diseases, disorders, injuries and other related health conditions, listed in a comprehensive, hierarchical fashion that allows for:

- easy storage, retrieval and analysis of health information for evidenced-based decision-making;
- sharing and comparing health information between hospitals, regions, settings and countries; and
- data comparisons in the same location across different time periods.

Would you like to be added to our contact list, so that we can inform you about updates to our statistical publications covering medical discharges in the UK Armed Forces and consult you if we are thinking of making changes? You can subscribe to updates by emailing: DefStrat-Stat-Health-PQ-FOI@mod.uk

If you are not satisfied with this response or you wish to complain about any aspect of the handling of your request, then you should contact me in the first instance. If informal resolution is not possible and you are still dissatisfied then you may apply for an independent internal review by contacting the Information Rights Compliance team, 1st Floor, MOD Main Building, Whitehall, SW1A 2HB (e-mail CIO-FOI-IR@mod.uk). Please note that any request for an internal review must be made within 40 working days of the date on which the attempt to reach informal resolution has come to an end.

If you remain dissatisfied following an internal review, you may take your complaint to the Information Commissioner under the provisions of Section 50 of the Freedom of Information Act. Please note that the Information Commissioner will not investigate your case until the MOD internal review process has been completed. Further details of the role and powers of the Information Commissioner can be found on the Commissioner's website, <https://ico.org.uk>.

I hope this is helpful.

Yours sincerely

Defence Statistics Health Head (B1)