



Ministry
of Defence

Head of Defence Statistics (Air)

MINISTRY OF DEFENCE

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Ref: FOI2017/01517

via email –

22 February 2017

Dear ,

Thank you for your email of 30 January 2017 requesting the following information:

1. *I would be grateful if you would provide statistics regarding the career projection for both a new entrant into the RAF Regiment (Gunner) ground trade (other ranks) and for an SAC with 5 years seniority in the trade. Specifically, I would be grateful for the following data:*
 - a. *The percentage chance of reaching further service in ground trades for a New Entrant.*
 - b. *The percentage chance of promotion to further ranks and the average LoS on promotion to these ranks.*
 - c. *The average length of service across the trades (Return of Service).*

2. *In addition, I would be grateful if you would provide statistics regarding the career projection for both a new entrant into the RAF Logistics (Mover) ground trade (other ranks) and for an SAC with 3 years seniority in the trade. Specifically, I would be grateful for the following data:*
 - a. *The percentage chance of reaching further service in ground trades for a New Entrant.*
 - b. *The percentage chance of promotion to further ranks and the average LoS on promotion to these ranks.*
 - c. *The average length of service across the trades (Return of Service).*

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

The information you have requested can be found in the Adobe (.pdf) file attached to the email.

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, Ground 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/>.

Yours sincerely,

Head of Defence Statistics (Air)

Would you like to be added to our contact list so we can consult with you if we are thinking about making any changes to the statistics we compile? Please register your interest by e-mailing defstrat-stat-air@mod.uk

Career Projection for a New Entrant in the Gunner Trade

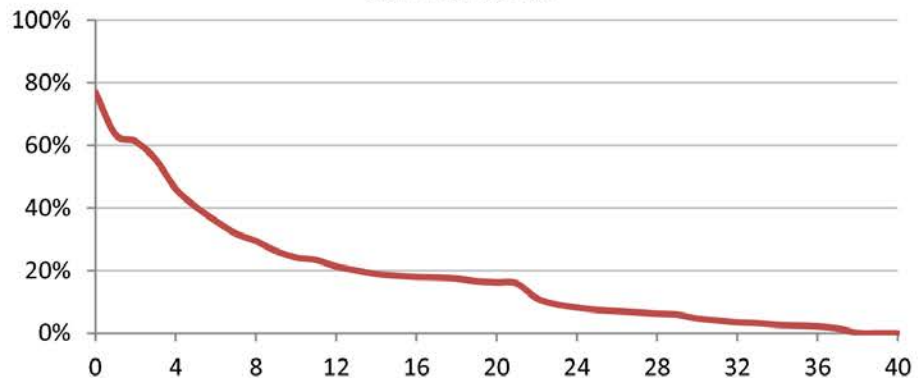
LoS ¹	% chance of reaching LoS
0	77%
1	63%
2	61%
3	56%
4	46%
5	40%
6	36%
7	32%
8	29%
9	26%
10	24%
11	23%
12	21%
13	20%
14	19%
15	18%
16	18%
17	18%
18	17%
19	17%
20	16%
21	16%
22	11%
23	9%
24	8%
25	7%
26	7%
27	7%
28	6%
29	6%
30	5%
31	4%
32	3%
33	3%
34	3%
35	2%
36	2%
37	1%
38	0%
39	0%
40	0%

	% chance of being promoted to subsequent ranks	Average <i>total</i> length of service on promotion
AC/LAC		
SAC/LCPL	62%	1 year 2 months
CPL	24%	7 years 4 months
SGT	12%	13 years 6 months
FS	7%	21 years 7 months
WO	2%	28 years 1 month

Average return of service²:

9 years 1 month

Survival Curve



¹ LoS 'x' means 'LoS greater than or equal to x but less than x+1'. So 'LoS21', for example, is the chance of personnel serving more than or equal to 21 years but less than 22 years.

² Average Return of Service considers the trade as a whole and is not specific to rank or LoS. It refers to the average length of service on exit for trained and untrained personnel.

Notes:

a. These data are based on the seven year span of actual data 2009/10 – 2015/16. By considering a cohort of individuals with the similar characteristics - **New Entrants** in the **Gunner** trade - average career projections have been calculated.

b. The rank of LCpl was introduced into the Gunner trade in April 2010. Due to a lack of historical data, Defence Statistics are unable to include the rank of LCpl into career projections until April 2017.

c. Defence Statistics' career forecasts are not based on the actual experience of any one individual, but rather are based on the historical behaviour of individuals with similar characteristics.

Career Projection for a Senior Aircraftman in the Gunner Trade with 5 years length of service.

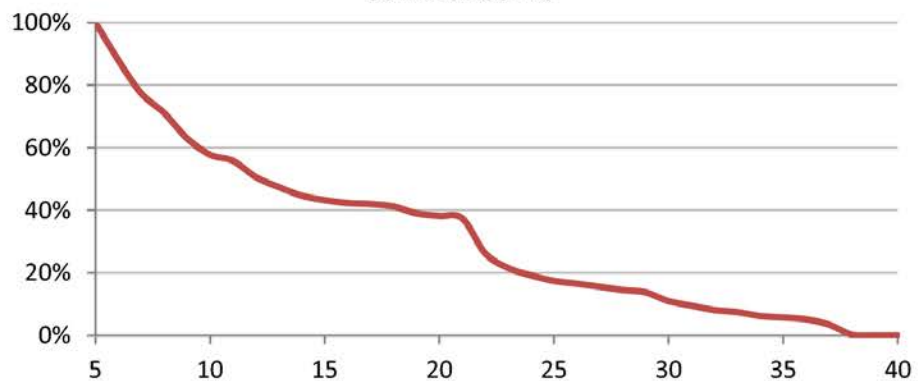
LoS ¹	% chance of reaching LoS
5	100%
6	88%
7	77%
8	71%
9	63%
10	58%
11	56%
12	51%
13	47%
14	45%
15	43%
16	42%
17	42%
18	41%
19	39%
20	38%
21	37%
22	26%
23	22%
24	19%
25	17%
26	17%
27	16%
28	15%
29	14%
30	11%
31	10%
32	8%
33	7%
34	6%
35	6%
36	5%
37	3%
38	0%
39	0%
40	0%

	% chance of being promoted to subsequent ranks	Average <i>total</i> length of service on promotion
SAC/LCPL	100%	
CPL	56%	7 years 9 months
SGT	29%	13 years 7 months
FS	16%	21 years 8 months
WO	5%	28 years 1 month

Average return of service²:

11 years 2 months

Survival Curve



¹ LoS x' means 'LoS greater than or equal to x but less than x+1'. So 'LoS21', for example, is the chance of personnel serving more than or equal to 21 years but less than 22 years.

² Average Return of Service considers the trade as a whole and is not specific to rank or LoS. It refers to the average length of service on exit for trained personnel.

Notes:

- a. These data are based on the seven year span of actual data 2009/10 – 2015/16. By considering a cohort of individuals with the similar characteristics - SACs in the Gunner trade with 5 years LoS - average career projections have been calculated.
- b. The rank of LCpl was introduced into the Gunner trade in April 2010. Due to a lack of historical data, Defence Statistics are unable to include the rank of LCpl into career projections until April 2017.
- c. Defence Statistics' career forecasts are not based on the actual experience of any one individual, but rather are based on the historical behaviour of individuals with similar characteristics.

Career Projection for a New Entrant in the Logistics (Mover) Trade

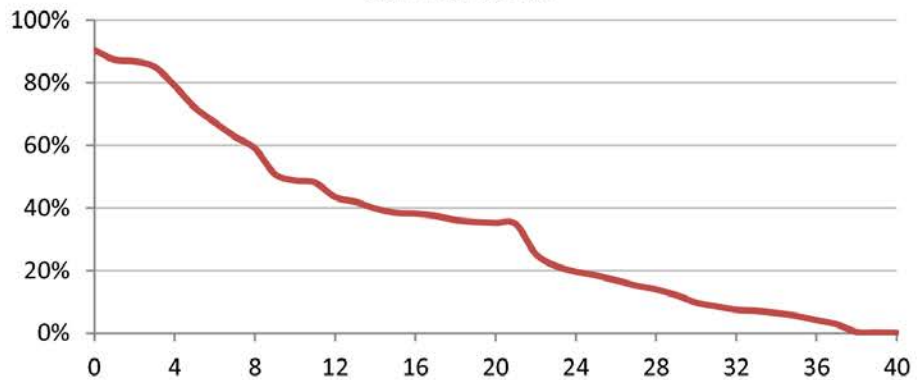
LoS ¹	% chance of reaching LoS
0	90%
1	87%
2	87%
3	85%
4	79%
5	72%
6	67%
7	63%
8	59%
9	51%
10	49%
11	48%
12	43%
13	42%
14	40%
15	38%
16	38%
17	37%
18	36%
19	36%
20	35%
21	35%
22	25%
23	21%
24	20%
25	18%
26	17%
27	15%
28	14%
29	12%
30	10%
31	9%
32	7%
33	7%
34	6%
35	6%
36	4%
37	3%
38	0%
39	0%
40	0%

	% chance of being promoted to subsequent ranks	Average <i>total</i> length of service on promotion
AC/LAC		
SAC/LCPL	87%	1 years 2 months
CPL	50%	7 years 9 months
SGT	34%	14 years 6 months
FS	17%	21 years 8 months
WO	8%	26 years 9 months

Average return of service²:

14 years 11 months

Survival Curve



¹ LoS x' means 'LoS greater than or equal to x but less than x+1'. So 'LoS21', for example, is the chance of personnel serving more than or equal to 21 years but less than 22 years.

² Average Return of Service considers the trade as a whole and is not specific to rank or LoS. It refers to the average length of service on exit for trained and untrained personnel.

Notes:

a. These data are based on the seven year span of actual data 2009/10 – 2015/16. By considering a cohort of individuals with the similar characteristics - **New Entrants** in the **Log(Mov)** trade - average career projections have been calculated.

b. Defence Statistics' career forecasts are not based on the actual experience of any one individual, but rather are based on the historical behaviour of individuals with similar characteristics.

Career Projection for a Senior Aircraftman in the Logistics (Mover) trade with 3 years length of service.

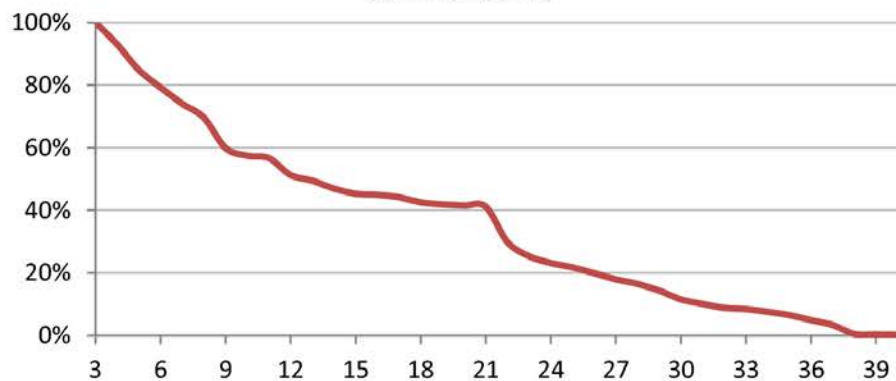
LoS ¹	% chance of reaching LoS
3	100%
4	93%
5	85%
6	79%
7	74%
8	70%
9	60%
10	57%
11	57%
12	51%
13	49%
14	47%
15	45%
16	45%
17	44%
18	43%
19	42%
20	42%
21	41%
22	30%
23	25%
24	23%
25	22%
26	20%
27	18%
28	16%
29	14%
30	11%
31	10%
32	9%
33	8%
34	8%
35	6%
36	5%
37	3%
38	0%
39	0%
40	0%

	% chance of being promoted to subsequent ranks	Average <i>total</i> length of service on promotion
SAC/LCPL	100%	
CPL	58%	7 years 10 months
SGT	40%	14 years 6 months
FS	21%	21 years 8 months
WO	10%	26 years 9 months

Average return of service²:

15 years 6 months

Survival Curve



¹ LoS x' means 'LoS greater than or equal to x but less than x+1'. So 'LoS21', for example, is the chance of personnel serving more than or equal to 21 years but less than 22 years.

² Average Return of Service considers the trade as a whole and is not specific to rank or LoS. It refers to the average length of service on exit for trained personnel.

Notes:

a. These data are based on the seven year span of actual data 2009/10 – 2015/16. By considering a cohort of individuals with the similar characteristics - **SACs** in the **Log(Mov)** trade with **3** years LoS - average career projections have been calculated.

b. Defence Statistics' career forecasts are not based on the actual experience of any one individual, but rather are based on the historical behaviour of individuals with similar characteristics.