

MINUTES.

MINUTES NOT TO BE WRITTEN ON THIS SIDE.

should be on the last vertical line.

The figures are satisfactory, & the returns, as usual, present a large amount of correct work on the part of the books.

W. G. L. 31.12.21

I agree. A very interesting piece of work - ~~the only one of the kind in the country~~ ~~the only one of the kind in the country~~

C. 31.12.21

W. G. L. 2/1/22

Mr. Butterfield
+ all interested as on 22.12.21
COE

W. G. L. 6.1.22

The Register
No objection by the Committee
Put by Mr. [unclear] 11.4.22
[unclear] 11.4.22
alone

~~COE~~

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MINUTES.

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shown to be on the last vertical line.

The figures are satisfactory, & the returns, as usual, indicate a large amount of work done on the part of the group.

W.C.
31.12.21

I agree. Very interesting piece of work -
~~the work done in the past few years in the group is a credit to the group~~

C.S.
31.12.21

Yes.
at once
to J.S.
2/1/22

Mr. Butterfield

? to T.A.M.S. committee
& then distribute as on 22.12.21

W.C.

W.C.
6.1.22

The Director

No objection by the Committee

Put by Mr. J.S.
11.1.22

W.C.
11.1.22

at once

~~CONFIDENTIAL~~

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Appts & Terms.

	Appts	Terms	
Madras Appts.			Appts outstanding see below.
recorded in book & lists	X		
via Gene relation	X		
" " " " " "	X	March 28	
" " " " " "	X	June 28	
" " " " " "	X	Sept. 28	
" " " " " "	X	Decr 28	
R. Return	X	March 28	
" " " " " "	X	June 28	
" " " " " "	X	Sept 28	
" " " " " "	X	Decr 28	
Ganda & Ly returns			
14			

Alhod. 1927 Staff list will show appts to
 end of 1927
 (from 1920)
 1928 list (~~from~~) will show appts change

X ∴ each entry appearing additionally or
 not appearing will show number of
 has appointments or and number
 of termination X

1928 Appt list carded & entered in
 book.

- 31092 DeBorja Ireland I.T.
- 3514 Carter Alhod
- 10333 Holland Kemp

- ~~② Kenya level returns~~
 ① Complete July returns
 ③ Kuk returns
 ④ Uganda returns
 ⑤ ~~Standards list~~
 ⑥ Rhodesia

(all appts at end of 1927 (Staff list to be carded) + end 1928 (See) will show number of new appts to be carded separately)

This will complete appts

Terms

1. noted on V list
2. Kenya level returns
3. Kuk returns
4. Uganda returns
5. Method. Compare 1927 (See) 1928 (See) L's difference will show terms

REVISE (2)
63704

No.
EAST AFRICA.

VITAL STATISTICS OF EUROPEAN OFFICIALS FOR THE YEARS
1919 AND 1920.

I.

RETURN SHOWING AGE DISTRIBUTION OF OFFICIALS ON THE 1ST JANUARY, 1919.

Protectorate.	Central Age 25 and under 25.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over.	Age not known.	Totals.
Kenya	116	263	212	149	104	87	19	950
Uganda	11	61	61	56	31	20	7	247
Nyasaland	3	24	27	34	21	16	7	126
Zanzibar	—	6	11	11	9	12	—	49
Somaliland	4	10	12	6	2	3	3	40
Totals	184	364	323	256	167	139	36	1,412

* Includes 3 aged 16, 3 aged 17, 4 aged 18, 2 aged 19, 10 aged 20, 5 aged 21, 7 aged 23.
Includes 6 aged 53, 10 aged 54, 8 aged 55, 6 aged 56, 3 aged 57, 3 aged 58, 3 aged 59, 2 aged 61, 2 aged 63, 1 aged 64, 1 aged 66.

II.

RETURN SHOWING DEATHS AND INVALIDINGS, 1919.

Protectorate.	Deaths.									Totals.
	Central Age 35.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over.	In 1st Year of Service.	In 2nd Year of Service.	In 3rd Year of Service and over.	
Kenya	1	2	3	1	3	3	—	2	11	16
Uganda	—	1	—	1	—	—	—	—	—	2
Nyasaland	—	—	—	—	—	—	—	—	—	—
Zanzibar	—	—	1	—	—	—	—	—	1	1
Somaliland	—	—	—	—	—	—	—	—	—	—
Totals	1	3	4	2	3	3	—	2	13	16

Protectorate.	Invalidings.									Totals.
	Central Age 35.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over.	In 1st Year of Service.	In 2nd Year of Service.	In 3rd Year of Service and over.	
Kenya	1	2	5	4	2	2	—	1	15	16
Uganda	—	1	1	1	1	4	—	—	8	8
Nyasaland	—	—	1	1	—	1	—	—	3	3
Zanzibar	—	1	—	—	—	1	—	—	2	2
Somaliland	2	—	—	—	—	—	—	2	—	2
Totals	3	4	7	6	3	8	—	3	28	31

RETURN SHOWING DEATHS, 1920.

Colony.	Central Age 25 and under 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50 and over 55	Age not known	1st Year of Service	2nd Year of Service	3rd Year of Service	Totals
	Kenya Colony and Protectorate	8	—	1	—	—	1	9	3	—	1
Uganda	—	1	—	1	—	—	1	1	—	2	3
Nyasaland	1	—	1	—	—	—	—	1	1	—	3
Zanzibar	—	—	—	—	—	—	—	—	—	—	—
Somaliland	—	—	—	—	—	1	—	—	—	1	1
Tanganyika Territory	—	—	—	—	—	—	3	9	—	—	3
Totals	4	1	2	1	1	1	5	7	1	7	15

IV.

REASON GIVING PARTICULARS OF OFFICIALS WHO LEFT THE SERVICE DURING 1919.

Colony	Average No. in Service	Deaths			Pensioned	Invalidings (Including Officers Pensioned owing to ill-health)			Total No. who left the Service	Average Length of Service on Term of 5 years	No. in Service on 31st Decem. ber.				
		(a)	(b)	(c)		(d)	(e)	(f)				(g)			
		Total	Rate per 1,000	Average Length of Service		Ill-health	Total	Total				Rate per 1,000	Average Length of Service		
Kenya	1,074	15	12.8	8	2	7	11	16	15.7	7	7	187	36	6	1,089
Uganda	284	2	7.1	8	7	6	3	8	28.0	11	3	26	4	7	322
Nyasaland	149	—	—	—	—	—	3	9	20.1	15	1	27	35	6	173
Zanzibar	50	1	2.0	1	1	—	—	2	4.0	9	0	8	40	0	62
Somaliland	30	—	—	—	—	—	1	2	10	1	2	10	24	4	61
Totals	1,586	18	13.3	8	14	23	31	31	20.0	9	187	36	6	1,690	

RETURN SHOWING INVALIDINGS, 1920.

Colony.	Central Age 25 and under 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50 and over 55	Age not known	1st Year of Service	2nd Year of Service	3rd Year of Service	Totals
	Kenya Colony and Protectorate	1	1	2	3	1	3	—	—	1	9
Uganda	—	2	—	—	1	1	—	1	—	—	4
Nyasaland	—	—	—	1	1	1	—	—	—	—	3
Zanzibar	—	—	—	—	—	—	—	—	—	—	—
Somaliland	—	1	—	—	—	—	—	—	—	—	1
Tanganyika Territory	2	—	—	—	—	—	4	1	3	2	6
Totals	3	4	2	4	3	5	4	2	6	18	25

III.

RETURN SHOWING RATES PER 1,000 OF DEATHS AND INVALIDINGS, 1920.

Colony	Deaths						Invalidings					
	Central Age 25 and under 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50 and over 55	Central Age 25 and under 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50 and over 55
Totals	28.3	9	5.1	3.3	5.1	5.9	5.4	11.4	9.1	13.1	15.3	20.4

Note - Owing to the paucity of the information available as to age distribution in Tanganyika Territory, the deaths in and invalidings from that Administration have not been taken into account in compiling this table.

RETURN SHOWING AGE DISTRIBUTION ON 1ST JANUARY, 1920.

Colony	Central Age 25 and under 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50 and over 55	Age not known	Totals
Kenya Colony and Protectorate	185	289	269	193	121	118	17	1,092
Uganda	16	62	69	56	42	21	5	269
Nyasaland	4	25	25	38	28	20	2	135
Zanzibar	5	6	18	14	8	9	4	69
Somaliland	13	17	18	9	2	2	—	61
Tanganyika Territory	19	79	66	64	39	11	92	400
Totals	221	481	460	388	285	181	120	1,606

* Includes 1 aged 16, 5 aged 17, 2 aged 18, 3 aged 19, 2 aged 20, 4 aged 21, and 7 aged 22.
 † Includes 56 between 53 and 60 years of age, and 10 of over 60.

IV

RETURN GIVING PARTICULARS OF OFFICIALS WHO LEFT THE SERVICE DURING 1920.

(1) Territory	(2) Average No. in Service	(3) Deaths			(4) Pensioned		(5) Invalidings (Including Officers Pensioned owing to ill-health)			(6) Total No. who left the Service	(7) Average Length of Service in years	(8) Average Length of Service on Termination	(9) No. in Service on 31st December, 1920
		(a) Total	(b) Rate per 1,000	(c) Average Length of Service	(d) Total	(e) Total	(f) Rate per 1,000	(g) Average Length of Service	(h) Rate per 1,000				
Kenya Colony and Prince of Wales	1,171	7	5.9	5.0	3	18	20	8,610	4	147	35	4.9	1,253
Uganda	390	3	7.7	10.1	2	2	1	13,333	8	11	42	7.4	322
Somalia	135	2	14.8	14.1	2	6	3	19,343	22	59	3.9	173	
Zanzibar	60	—	—	—	1	1	1	16,111	1	10	26	3.9	64
Tanganyika Territory	460	1	2.2	4.3	—	1	6	18,221	7	18	32	5.5	115
Totals	2,207	15	6.8	4.9	8	28	25	17,377	44	252	35	5.9	1,431

V

SUMMARY OF RETURNS FOR 1910-1920.

(1) Territory	(2) Average No. in Service	(3) Deaths			(4) Pensioned		(5) Invalidings (Including Officers Pensioned owing to ill-health)			(6) Total	(7) Average Length of Service in years	(8) Average Length of Service on Termination	(9) No. in Service on 31st December
		(a) Total	(b) Rate per 1,000	(c) Average Length of Service	(d) Total	(e) Total	(f) Rate per 1,000	(g) Average Length of Service	(h) Rate per 1,000				
Kenya Colony and Prince of Wales	957	14	14.9	5.0	2	10	28	24.5	4.0	192	38	6.6	4615
Uganda	967	13	18.4	3.0	6	9	12	12.4	7.3	126	86	8.8	1,019
Somalia	1,060	10	9.4	8.0	2	3	11	10.3	3.10	166	84	8.1	1,135
Zanzibar	1,233	10	8.1	6.13	3	4	18	10.5	5.1	166	38	5.5	1,822
Tanganyika Territory (a)	1,447	19	13.1	4.8	6	10	20	13.8	5.3	222	83	3.4	1,518
(b)	1,707	12	8.0	4.4	6	7	23	12.4	5.5	156	33	3.7	1,496
1910 (a)	1,113	13	11.7	4.11	8	9	21	11.5	2.1	144	54	4.2	1,398
(b)	1,864	11	5.9	3.4	7	10	14	7.8	10.2	109	65	5.1	1,367
1911 (a)	1,896	19	15.6	6.11	9	11	31	16.6	7.0	113	86	5.9	1,404
(b)	1,643	14	10.8	6.6	7	16	21	13.4	6.7	137	56	3.6	1,036
1919	1,643	16	10.8	8.7	16	28	31	20.1	9.0	187	36	5.6	1,036
1920	2,207	15	6.8	4.9	8	28	25	11.3	7.8	252	35	5.0	2,403

(a) Includes active service casualties.

(b) Excludes active service casualties.

VI

TABLE SHOWING DEATH AND INVALIDING RATES IN EACH PROTECTORATE, 1910-1920.

Deaths.

Year	East Africa Protectorate (Kenya)		Uganda		Nyassaland		Zanzibar		Somaliland		Tanganyika Territory	
	No.	Rate per 1,000	No.	Rate per 1,000	No.	Rate per 1,000	No.	Rate per 1,000	No.	Rate per 1,000	No.	Rate per 1,000
1910	8	14.5	3	14.2	8	22.6	—	—	—	—	—	—
1911	8	18.6	3	19.4	—	—	not known	1	48.5	—	—	—
1912	6	9.1	2	7.9	—	—	—	2	86.2	—	—	—
1913	8	10.2	—	—	1	6.7	—	1	38.5	—	—	—
1914 (a)	7	7.6	6	21.2	8	18.7	2	88.6	1	80.3	—	—
(b)	5	5.4	8	16.6	7	6.3	—	—	—	—	—	—
1915	8	6.2	3	16.6	4	29.8	—	—	—	—	—	—
1916 (a)	11	12.1	2	7.6	—	—	1	17.9	2	47.1	not known	—
(b)	7	7.6	—	—	6	22.4	—	—	1	28.6	—	—
1917 (a)	13	17.9	2	7.8	2	7.7	1	28.8	—	—	—	—
(b)	18	14.6	—	—	—	—	—	—	—	—	—	—
1918	11	11.1	3	12.1	1	7.4	—	—	—	—	—	—
(a)	19	16.9	1	4.0	—	—	1	17.5	—	—	—	—
(b)	12	11.7	2	7.4	—	—	1	20.0	—	—	—	—
1920	7	5.9	3	10.1	3	12.9	Nil	Nil	—	—	2	1.9

Invalidings.

1910	8	13.5	9	32.5	—	—	—	—	—	—	—	—
1911	4	6.3	8	13.4	9	22.7	not known	2	87	—	—	—
1912	9	8.6	3	19.8	6	21.3	—	—	—	—	—	—
1913	7	5.9	2	7.3	2	50.1	—	1	86.5	—	—	—
1914 (a)	9	5.9	7	24.7	6	12.7	1	19.2	—	—	—	—
(b)	8	5.7	—	—	3	12.6	—	—	—	—	—	—
1916 (a)	13	19.4	4	13.9	7	40.3	1	18.0	3	85.7	not known	—
(b)	13	11.3	4	13.9	7	44.2	—	—	—	—	—	—
1918	10	10.9	5	18.6	4	23.5	—	—	2	57.1	—	—
1917	7	7.3	2	11.7	2	33.1	1	18.8	—	—	—	—
1918	10	10.3	4	16.1	3	22.2	1	17.5	1	26.4	—	—
1919	16	13.7	8	26.0	3	22.7	2	40	2	40	—	—
1920	10	6.6	4	10.5	3	19.3	1	16.1	1	52	6	12.8

(a) Includes active service casualties.

(b) Excludes active service casualties.

NOTES FOR 1915 AND 1920

Deaths.

Year	Rate per 1,000
Death rate from all causes	1920
1910	10.7
1911	10.3
1912	6.5
1913	6.2
1914	6.6
1915	7.8
1916	11.7
1917	12.2
1918	9.7
1919	6.3
1920	6.8

Excluding deaths due to accident and causes other than disease the rate are—

Year	Rate per 1,000
1910	11.9
1911	10.3
1912	8.4
1913	6.5
1914	6.2
1915	6.6
1916	7.8
1917	11.7
1918	12.2
1919	9.7
1920	6.3

63 including 7.7 7.9

It will be observed that this rate, which rose steadily during the years of war (1915-18), is now falling, probably in consequence of the return to normal conditions as to leave, etc.

In 1919, fifty per cent. of the deaths were due to Blackwater and Enteric Fevers.

Particulars of Deaths, 1919 and 1920.

Cause, 1919	Age	Length of Service yrs. mths.	Cause, 1920	Age	Length of Service yrs. mths.
<i>Uganda (13)</i>					
Enteric	43	7 6	<i>Kenya (7)</i>		
Enteric	31	5 7	Blackwater	unknown	0 1
Food Poisoning	34	1 2	Cancer of bowel	36	11 1
Debility	55	0 5	Suicide	25	0 5
Blackwater	30	5 2	Heart disease	52	14 5
Enteric	49	1 3	Pneumonia	25	1 9
Blackwater	35	10 10	Accidentally killed	24	2 5
Heart failure	50	9 1	Carcinoma of pancreas	unknown	7 6
Malignant lymphoma	47	3 2	<i>Uganda (8)</i>		
Blackwater	38	6 5	Pneumonia	41	—
Appendicitis	41	5 10	Liver abscess	31	9 8
Blackwater	55	20 5	<i>Nyasaland (2)</i>		
Pneumonia	49	7 3	Paratyphoid	23	0 7
<i>Uganda (2)</i>					
Blackwater	42	9 6	Malaria	34	1 7
Pneumonia	31	8 3	<i>Somali Land (1)</i>		
<i>Zanzibar (1)</i>					
Pneumonia	37	13 1	Heart disease	45	4 7
<i>Tanganyika Territory (2)</i>					
Blackwater	Blackwater	unknown	0 10
Blackwater	Blackwater	unknown	6 9

Invalidings.

	Year.	Rate per 1,000.
Total invaliding rate	1919	20.1
	1920	13.9
	1910-1920	14.2

The rate for 1919 is the highest recorded since 1910, but that for 1920 has fallen to normal again.

Particulars of Invalidings, 1919 and 1920.

Cause, 1919	Age	Length of Service yrs. mths.	Cause, 1920	Age	Length of Service yrs. mths.
<i>Kenya (10)</i>					
Neurasthenia	25	2 8	<i>Kenya (10)</i>		
Diarrhoea	40	3 8	Chronic colitis	39	19 2
Eye and nose trouble	31	4 0	Injured on duty	27	1 3
Deafness	38	7 0	Ear disease	51	6 9
Colitis	40	1 8	Hemiplegia	50	2 8
Metastasis	34	4 1	Heart trouble	35	7 6
Height disease	50	13 3	Malaria	48	10 8
Nerves	42	14 6	Rheumatism	41	7 2
Mental breakdown	44	22 11	Tuberculosis	44	16 4
Malaria	31	3 3	Neurasthenia	43	27 2
Nerve	34	7 3	Neurasthenia	43	27 2
Varicose veins	44	16 2	<i>Uganda (4)</i>		
Ocular swellings	47	8 6	Eye trouble	39	6 1
Mental breakdown	33	3 8	Neurasthenia	29	0 10
Tuberculosis	38	6 6	Heart trouble	42	13 1
Tuberculosis	38	5 10	Chronic gastritis	47	11 6

Cause, 1919	Age	Length of Service yrs. mths.	Cause, 1920	Age	Length of Service yrs. mths.
<i>Uganda (8)</i>					
Malaria	45	16 3	<i>Nyasaland (2)</i>		
Mental trouble	51	2 6	Neurasthenia	49	22 11
Eye trouble after sunstroke	36	9 1	Mental trouble	49	5 5
Blackwater	50	16 7	Neurasthenia	41	11 8
Bilharzia	43	14 11	<i>Somali Land (1)</i>		
Malaria	31	5 7	Heart trouble and dropsy	31	1 9
Colitis	48	14 1	<i>Zanzibar (1)</i>		
Dermatitis	42	11 6	Heart trouble and dropsy	49	11 1
<i>Nyasaland (8)</i>					
Diabetes	36	11 0	<i>Tanganyika Territory (6)</i>		
Neurasthenia	60	10 8	Neurasthenia	25	1 9
Muscular rheumatism	42	14 7	Blackwater	34	1 4
<i>Zanzibar (1)</i>					
Nerve trouble	32	9 8	Blackwater	unknown	2 10
<i>Somali Land (2)</i>					
General exhaustion	23	1 2	Blackwater	unknown	3 11
Esteritis	25	1 4	Blackwater	unknown	0 11
			Blackwater	unknown	1 2

For the first time a few figures relating to the staff in Tanganyika Territory appear in the 1920 statistics.

The number of females employed in 1919 was 96. One death was recorded from enteric, at the age of 23, after fifteen months' service, and two invalidings at the ages of 40 and 33 for colitis and mental trouble, respectively. In 1920, the number employed rose to 130. No deaths were recorded and only one invaliding, at the age of 47, after sixteen and a-half years' service, for chronic neurasthenia. Six resigned in 1919, and eight in 1920, to be married.

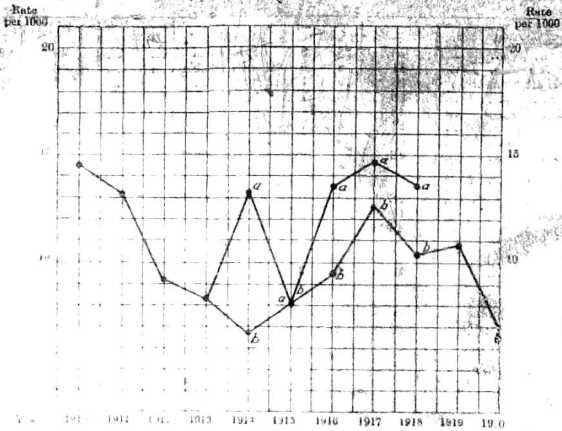
Column 4 (c) of Table V shows a large increase in the number of officials retiring on age grounds, both for 1919 and 1920. This is, no doubt, due to officials who would, in the ordinary course of events have retired during 1915 to 1918, deferring their retirement until after the end of the War. All officers pensioned had at least ten years' service in East Africa, except in a few cases of transfer from pensionable appointments elsewhere.

7.6 per cent. and 12.8 per cent., respectively, of the total number who left the service during the two years were due to deaths and invalidings. The remainder were due to retirements on pension on grounds of age, completion of agreements, resignations, etc.

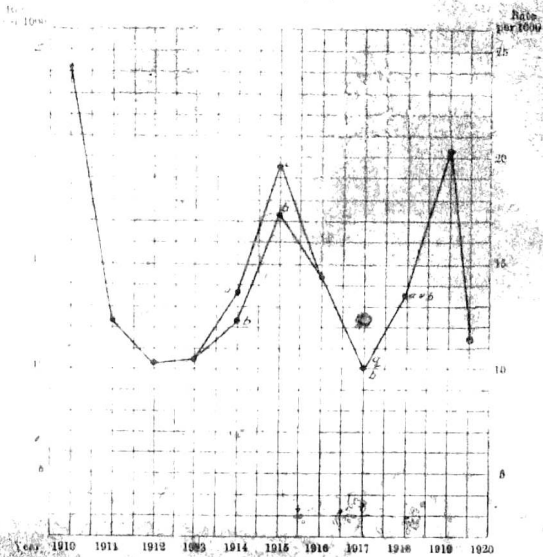
In reckoning the length of service of officials the time spent on voyages to and from East Africa and leave in Europe has been included. The actual period spent in East Africa may be put roughly at four-fifths of the total service.

It will be noticed that the total of column 6 of Table IV is less than the actual total of the figures given for the separate Protectorates. This is accounted for by the transfer of officers from one Protectorate to another.

DEATH RATE.



INVALIDING RATE.



- (a) Includes active service casualties.
 (b) Excludes active service casualties.

STATISTICS OF EUROPEAN OFFICIALS FOR THE YEAR 1918

1ST JANUARY, 1918

Protectorate.	Central Age 25 and under 25.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over.	Age not known.	Totals.
Kenya	116	263	123 119	149 149	184	84	19	950
Uganda	11	0	0	56	31	20	4	241
Nyasaland	3	24	24	50	21	10	11	120
Zanzibar		0	11	11	0	12		49
Somaliland	4	0	12	0	2	3	3	40
Totals	137	287	228	256	197	128	37	1,172

100 3 ages 10 1 aged 14 4 aged 18 2 aged 19 10 aged 20 5 aged 21 4 aged 23
 10 aged 25 2 aged 26 2 aged 28 1 aged 30 3 aged 31 1 aged 32 1 aged 33
 1 aged 34 1 aged 35 1 aged 36 1 aged 37 1 aged 38 1 aged 39 1 aged 40

REVENUE RECEIVED FROM THE PROTECTORATES IN 1918

Protectorate	Central Age 25 and under 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50 and over	In 1st Year of Service	In 2nd Year of Service	In 3rd Year of Service and over	Totals
Kenya	1	2	3	1	3	3	-	2	1	16
Uganda	-	-	-	-	-	-	-	2	-	2
Nyasaland	-	-	-	-	-	-	-	-	-	-
Zanzibar	-	-	-	-	-	-	-	-	-	-
Somaliland	-	-	-	-	-	-	-	-	-	-
Totals	1	2	3	1	3	3	-	2	1	16

Protectorate	Central Age 25 and under 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50 and over	In 1st Year of Service	In 2nd Year of Service	In 3rd Year of Service and over	Totals
Kenya	1	2	45	4	2	2	-	4	15	16
Uganda	-	1	-	-	1	4	-	-	8	8
Nyasaland	-	-	-	-	-	1	-	-	3	3
Zanzibar	-	-	-	-	-	-	-	-	2	2
Somaliland	2	-	-	-	-	-	2	-	2	2
Totals	3	4	45	4	3	8	-	3	27	31

RETURN SHOWING RATES PER 1,000 OF DEATHS AND INVALIDINGS, 1919

Year	Deaths						Invalidings					
	General Age 20	General Age 25	General Age 30	General Age 35	General Age 40	General Age 45	General Age 50	General Age 55	General Age 60	General Age 65	General Age 70	
1919	1.5	8.1	12.4	1.8	17.9	20.1	12.2	10.9	18.3	23.4	17.9	57.9

IV.

RETURN GIVING PARTICULARS OF OFFICIALS WHO LEFT THE SERVICE DURING 1919

Proportionate	Average No. in Service	Deaths			Invalided		Invalidings (including Officers Pensioned owing to ill-health.)			Total No. who Left the Service	Average Age at Termination	Average Length of Service at Termination	No. in Service on 1st Decem-ber
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)				
		Total	Rate per 1,000	Average Length of Service	Ill-health	Total	Total	Rate per 1,000	Average Length of Service				
				yrs. m.				yrs. m.			yrs. m.		
ya	1016	13	2.9	2	11	16	1.8	11	126	36	4	1082	
nda	284	2	4.8	4	8	8	28.2	11	29	59	1	312	
oland	149	-	-	3	3	3	20.15	1	17	25	8	149	
ylter	50	1	20	1	-	2	40	9	3	40	9	52	
aliland	50	-	-	-	1	2	40	1	2	10	34	4	61
als	1549	16	10.8	4	23	31	20.1	9	187	36	5	1584	

East Africa
 Vital Statistics of European Officials 1922

502

Return showing age distribution on 31 January 1922

Colonies	Central	Central	Central	Central	Central	Central	Age	Total
	age 25+ under 23	age 30	age 35	age 40	age 45	age 50 over 53	not known	
Colonies + Prot	135	239	269	193	121	118	17	1092
India	15	62	69	55	42	21	5	269
Ceylon	4	28	25	33	23	20	2	135
Sri Lanka	5	6	13	14	8	9	4	59
Sierra Leone	13	17	18	9	2	2	.	61
Nyasa Territory	49	79	66	64	57	11	93	400
Totals	221	431	460	368	235	181	121	2017

1 aged 16, 5 aged 17, 2 aged 18, 3 aged 19, 2 aged 20, 1 aged 21, 1 aged 22
 56 between 55 & 60 years of age - 10 of these

II
 Return showing Deaths 1922

Colonies	Central	Central	Central	Central	Central	Central	Age	1st	2nd	3rd	Totals
	age 25 under 23	age 30	age 35	age 40	age 45	age 50 over 53	not known	year of year of year of	year of year of year of	year of year of year of	
Colonies + Prot	3	-	1	-	-	1	1	3	-	3	6
India	-	1	-	1	-	-	1	1	-	2	3
Ceylon	1	-	1	-	-	-	-	1	1	-	2
Sri Lanka	-	-	-	-	-	-	-	-	-	-	-
Sierra Leone	-	-	-	-	1	-	-	-	-	1	1
Nyasa Territory	-	-	-	-	-	-	2	2	-	-	2
Totals	4	1	2	1	1	1	4	4	1	6	14

II cont^d

Return showing Invalidings 1920

Location	Cent	Cent	Cent	Cent	Cent	Cent	Age	1st	2nd	3rd	Totals
	age 25	age 30	age 35	age 40	age 45	age 50	not over 55	year	year	year	
Colony											
S. Colony's Port.	1	1	2	2	1	3	-	-	1	7	10
...	-	2	-	1	1	-	-	1	-	3	4
...	-	-	-	1	1	1	-	-	-	3	3
...	-	-	-	-	-	-	-	-	-	1	1
...	-	1	-	-	-	-	-	-	1	-	1
Sangha Sanitary	2	-	-	-	-	-	4	1	5	2	6
Totals	2	4	2	4	3	4	4	2	5	18	25

III

Return showing Rates per 1000 of Deaths & Invalidings 1920

Cent	Cent	Cent	Cent	Cent	Cent	Cent	Cent	Cent	Cent	Cent	Cent
Age 25	Age 35	Age 40	Age 45	Age 50	Age 25	Age 30	Age 35	Age 40	Age 45	Age 50	
2.8	5.46	3.3	10.2	5.9	59.1	11.3	5.8	13.1	15.3	5.9	

Owing to the paucity of the information available as to age distribution in Sangha Sanitary, the deaths in & invalidings in that Administration have not been taken into account in filling this table.

giving particulars of officials who left the service during 1920

(1)	(2)	(3) Deaths			(4) Pensions				(5) Superannuation			(6) Total	(7) Average	(8) No. on	(9) No. on	
		(a)	(b)	(c)	(a)	(b)	(c)	(d)	(a)	(b)	(c)					
Directorate	1167	4	5	15	9	18	10	10	4	147	35	5	9	1253		
...	295	5	10	17	8	2	4	15	2	19	42	7	4	329		
...	155	2	2	1	2	6	3	14	3	22	5	9	9	173		
...	42	-	-	-	1	1	1	1	1	10	3	5	9	66		
...	55	1	2	3	-	-	1	13	2	19	32	7	2	50		
Myika Territory	468	2	4	2	-	1	6	12	8	61	31	11	11	531		
Totals	2002	15	7	14	-	14	28	25	11	7	3	252	35	5	-	2301

V. 1920
SUMMARY OF RETURNS FOR 1910-1920

	(2.) Average No. in Service.	(3.) Deaths			(4.) Pensioned.		(5.) Invalids. (Including Officers Pensioned owing to ill-health.)			(6.) Total No. who left the Service.	(7.) Average Age on Termination.	(8.) Average Length of Service on Termination.	(9.) No. in Service on 31st December.			
		(a) Total	(b) Rate per 1,000	(c) Average Length of Service.		(d) Ill-health.	(e) Total	(f) Total	(g) Rate per 1,000					(h) Average Length of Service		
				Yrs.	m.										Yrs.	m.
1910	937	14	14.9	5	0	2	10	28	24.5	4	0	192	38	9	5	916
1911	967	13	18.4	3	0	6	9	12	12.4	7	3	126	39	9	8	1,019
1912	1,069	10	9.4	6	0	2	3	11	10.3	3	10	156	34	8	1	1,135
1913	1,283	10	8.1	3	11	3	4	18	10.6	6	1	160	33	6	5	1,822
1914	(a) 1,447	19	13.1	4	4	5	10	20	13.6	6	3	222	33	2	4	1,518
	(b)	10	6.9	4	5			18	12.4	6	6					
1915	(a) 1,507	12	8.0	4	4	5		193	19.3	5	0	156	33	8	7	1,496
	(b)							26	17.8	4	1	153	33	3	7	
1916	(a) 1,413	19	13.4	4	11			1	14.9	7		119	34	4	2	1,392
	(b)	13	9.2	3	4											
1917	(a) 1,664	20	14.7	5	3				10	2		109	35	5	1	1,367
	(b)	17	12.5	5												
1918	(a) 1,896	19	13.6	6					7			111	36	3	3	1,404
	(b)	14	10.8	6												
1919	(a) 1,549	16	10.7	8					9			184	36	5	6	1,584
	(b)															
1920	2,102	15							4	3		252	35	5		2,301

(a) Includes active service casualties.
(b) Excludes active service casualties.

VI. 1920
TABLE SHOWING DEATH AND INVALIDING RATES IN THE PROCEEDING YEARS 1910-1920

Year	East Africa Protectorate		Uganda		Nyasaland		Cape Colony		Ceylon		Total
	No.	Rate per 1,000	No.	Rate per 1,000	No.	Rate per 1,000	No.	Rate per 1,000	No.	Rate per 1,000	
1910	8	11.6	8	14.2	9	22.6					18.5
1911	8	18.6	8	18.4							18.5
1912	6	9.1	2	7.9			not known				8.5
1913	8	10.2			1	6.7					8.5
1914	(a) 7	7.6	6	21.2	9	19.7	2	19.5	1		20.9
	(b) 5	5.4	8	10.6							6.7
1915	(a) 6	6.9	3	10.5	1	6.8			2		6.7
	(b) 11	12.1	2	7.4	4	29.8	1	17.9			12.1
1916	(a) 7	7.6			8	22.4			1		28.6
	(b) 16	17.9	2	7.8	1	7.7	1	29.8			17.9
1917	(a) 18	14.5							2		14.5
	(b) 13	14.1	3	12.1	1	7.4	2	33.1			14.1
1918	(a) 11	11.9	1	4.0					1		11.9
	(b) 10	12.2	1	4.9					1		12.2
1919											
1920											

Incidings

1910	5	14.5	9	42.6					6		15.0
1911	5	6.8	8	13.4	8	23.7		not known	2		8.7
1912	5	4.6	5	19.8	6	21.9					8.6
1913	7	9.0	2	7.9	8	20.1			1		9.0
1914	(a) 9	6.8			5	18.7	1	18.2			6.8
	(b) 8	8.7			2	12.5					8.7
1915	(a) 18	13.4	4	13.4	7	20.8	1	13.6			13.4
	(b) 11	12.2	3	16.4	4	14.2					12.2
1916	(a) 10	7.8	3	11.7	3	18.1	1	18.8			7.8
	(b) 7	7.6	4	16.1	3	22.2	1	17.6			7.6
1917											
1918											
1919											
1920											

(a) Includes active service casualties.
(b) Excludes active service casualties.

1920

2. 4. 20

	Year	Rate per 1000
Rate from all causes	1919	10.4
	1920	7.1
	1919 & 20	8.6

Excluding deaths due to accident & disease the rates are:

Year	Rate per 1,000
1910	14.9
1911	10.3
1912	8.4
1913	6.5
1914	6.2
1915	6.6
1916	7.8
1917	11.7
1918	12.2
1919	9.7
1920	8.5 (including 7.6)

It will be observed that this rate which rose steadily during the war (1914-18) is now falling probably in consequence of the better general conditions as to health etc.
 In 1919, 50% of the deaths were due to Blackwater & Enteric Fevers.

Particulars of Deaths 1919 & 1920.

1919 Cause	Age	Length of service yrs mos	1920 Cause	Age	Length of service yrs mos
<u>Kenya (13)</u>			<u>Kenya (6)</u>		
shot	43	4 6	Blackwater	unknown	1
Blackwater	31	5 1	Wounds of bowel	25	11 5
Blackwater	34	1 2	suicide	25	14 5
Blackwater	56	3 8	Heart disease	52	14 5
Blackwater	50	5 2	Pneumonia	25	1 9
Blackwater	48	1 3	Accidentally killed	24	2 5
Blackwater	35	10 10	<u>Kenya (3)</u>		
Blackwater	50	9 1	Pneumonia	41	
Blackwater	45	22 6	Wounds abscess	31	3
Blackwater	33	6 5	Blackwater		
Blackwater	41	5 10	<u>Kenya (2)</u>		
Blackwater	55	20 5	Para. typhoid	23	
Blackwater	43	4 3	Malaria	34	
<u>Kenya (2)</u>			<u>Kenya (1)</u>		
Blackwater	42	9 2	Heart disease	45	
Blackwater	31	9 2	Blackwater		

Invalidings

	year	Rate per 1000
invaliding rate	1919	20.1
- - -	1920	11.9
- - -	1910 - 1920	14.2

The rate for 1919 is the highest recorded since 1910 but 1920 has fallen to normal again.

Particulars of Invalidings 1919 & 1920

	Age	Length of service for ins.		Age	Length of service for ins.
1919 Cause			1920 Cause		
<u>Kenya (1)</u>			<u>Kenya (1)</u>		
Cholera	25	2 3	Cholera	39	12 2
Diarrhoea	40	3 5	Diarrhoea	24	3
Heart trouble	31	4	Heart trouble	5	7
W.S.	33	1	W.S.	50	8
W.S.	44	1	W.S.	36	2 0
W.S.	34	6 1	W.S.	35	10 7
W.S. disease	50	3 3	Rheumatism	48	2
W.S.	42	14 5	Neurasthenia	44	3
W.S. breakdown	48	2 11	Tuberculosis	44	6 5
W.S.	51	3 3	Neurasthenia	48	22 8
W.S.	34	7 3	<u>Uganda (2)</u>		
W.S. veins	43	13 2	Heart trouble	30	5 1
W.S. swellings	45	3 6	Neurasthenia	28	10
W.S. breakdown	33	3 3	Heart trouble	42	12
W.S.	38	6 6	Cholera gastrica	44	16 6
W.S.	33	5 10	<u>Tanganyika (2)</u>		
<u>Uganda (2)</u>			Neurasthenia	49	22 11
W.S.	48	10 3	Heart trouble	40	5 7
W.S. trouble	51	2 6	Neurasthenia	41	8
W.S. after sunstroke	36	9 1	<u>Somalia (1)</u>		
W.S.	50	16	Heart trouble	31	7
W.S.	43	14 11	<u>Tanganyika (1)</u>		
W.S.	31	5	Heart trouble, Diarrhoea	49	1 1
W.S.	48	14 1	<u>Tanganyika (2)</u>		
W.S. malitis	42	11 6	Neurasthenia	25	3
<u>Tanganyika (3)</u>			Blackwater fever	24	4
W.S.	36	11	W.S.	20	2 0
W.S.	50	19 8	W.S.	11	11
W.S. Rheumatism	42	14 1	W.S.	11	11
<u>Tanganyika (1)</u>			W.S.	11	11
W.S. trouble	32	9 3	W.S.	11	11
<u>Somalia (2)</u>			W.S.	11	11
W.S. exhaustion	26	1 2	W.S.	11	11
W.S.	20	1 2	W.S.	11	11

For the first time a few figures relating to the staff in Tanganyika Territory in the 1920 statistics.

The number of females employed in 1919 was 96. One death was recorded from enteric at the age of 28 after 15 months service and two invalidings at the ages of 40 & 53 for colitis & mental trouble respectively. In 1920 the number employed rose to 130. No deaths were recorded & only one invaliding at the age of 47 after 16½ years service for chronic nostralgia. Six resigned in 1919 and eight in 1920 to be married.

Column 4 (c) of Table V shows a large increase in the number of officials retiring on age grounds both for 1919 & 1920. This is no doubt due to officials who would in the ordinary course of events have retired during 1915 to 1918 deferring their retirement until after the end of the war. All officers pensioned had at least 10 years service in East Africa except in a few cases of transfers from responsible appointments elsewhere.

4.6% per cent and 4.8 per cent respectively of the total number who left the service were due to deaths and invalidings. The remainder were due to retirements on pension on grounds of age, completion of agreements, resignations, etc.

In reckoning the length of service of officials the time spent on voyages to and from East Africa and leave in Europe has been included. The actual period spent in East Africa may be put roughly at four-fifths of the total service.

It will be noticed that the total of column 6 of Table V is less than the actual total of the figures given for the separate Protectorates. This is accounted for by the transfer of officers from one Protectorate to another.

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EAST AFRICA.

VITAL STATISTICS OF EUROPEAN OFFICIALS FOR THE YEARS
1919 AND 1920.

I.

RETURN SHOWING AGE DISTRIBUTION OF OFFICIALS ON THE 1ST JANUARY, 1919.

Protectorate.	Central Age 25 and under 25.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over.	Age not known.	Totals.
Kenya	116	263	212	149	104	87	19	950
Uganda	11	61	61	56	81	20	7	247
Nyasaland	3	24	27	34	21	16	1	126
Zanzibar	—	6	11	11	9	12	—	49
Somaliland	4	10	12	6	2	3	3	40
Totals	*194	361	323	256	167	138	30	1,419

* Includes 3 aged 16, 3 aged 17, 4 aged 18, 2 aged 19, 10 aged 20, 5 aged 21, 7 aged 23.

Includes 6 aged 53, 10 aged 54, 8 aged 55, 6 aged 56, 3 aged 57, 3 aged 58, 3 aged 59,
2 aged 71, 2 aged 63, 1 aged 64, 1 aged 66.

II.

RETURN SHOWING DEATHS AND INVALIDINGS, 1919

Protectorate.	Deaths.									Totals.
	Central Age 25.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over.	In 1st Year of Service.	In 2nd Year of Service.	In 3rd Year of Service and over.	
Kenya	1	2	3	1	3	3	—	2	11	13
Uganda	—	1	—	1	—	—	—	2	—	3
Nyasaland	—	—	—	—	—	—	—	—	—	—
Zanzibar	—	—	1	—	—	—	—	—	1	1
Somaliland	—	—	—	—	—	—	—	—	—	—
Totals	1	3	4	2	3	3	—	4	12	16

Protectorate.	Invalidings.									Totals.
	Central Age 25.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over.	In 1st Year of Service.	In 2nd Year of Service.	In 3rd Year of Service and over.	
Kenya	1	2	5	4	2	2	—	1	15	16
Uganda	—	1	1	1	1	4	—	—	8	8
Nyasaland	—	—	1	1	—	1	—	—	3	3
Zanzibar	—	1	—	—	—	1	—	—	2	2
Somaliland	2	—	—	—	—	—	—	2	—	2
Totals	3	4	7	6	3	8	—	3	23	31

III.

RETURN SHOWING RATES PER 1,000 OF DEATHS AND INVALIDINGS, 1919.

Year	Deaths.						Invalidings.					
	Central Age 25.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50.	Central Age 25.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50.
1919	7.3	8.1	12.4	7.8	17.9	20.1	22.3	10.9	21.7	28.4	17.9	57.8

IV.

RETURN GIVING PARTICULARS OF OFFICIALS WHO LEFT THE SERVICE DURING 1919.

Territories	Average No. in Service	Deaths				Invalidings (Including Officers Positioning owing to ill-health)				Total No. who Left the Service	Average Age on Termination	Average Length of Service on Termination	No. in Service on 31st Decem-ber.
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)				
		Total	Rate per 1,000	Average Length of Service.	Ill. health.	Total	Total	Rate per 1,000	Average Length of Service.		Yrs. m.		
Kenya	1,098	13	12.4	7.2	7	11	16	18.7	7.7	186	5.6	4.7	1,082
Uganda	284	2	7.4	6.7	—	—	28.0	11.3	3	99	3.9	2	322
Nyasaland	149	—	—	—	3	3	20.1	15.1	17	35	6.2	—	173
Zanzibar	50	1	2.0	1.9	1	—	2	4.0	9.8	8	4.0	0	52
Somaliland	56	—	—	—	—	1	2	4.0	1.2	10	8.4	1	61
Totals	1,342	16	10.9	8.7	10	25	51	20.0	9	187	3.6	5.6	1,690

RETURN SHOWING AGE DISTRIBUTION ON 1ST JANUARY, 1920.

Territories	Deaths						Invalidings						Total
	Central Age 25.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over 55.	Central Age 25.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over 55.	
Kenya	135	289	269	193	121	118	17	1,092					
Uganda	15	62	69	75	42	21	5	260					
Nyasaland	4	26	25	33	28	20	2	135					
Zanzibar	5	6	12	14	8	9	4	89					
Somaliland	12	17	14	9	2	2	—	61					
Tanganyika Territory	19	30	63	64	39	41	92	400					
Totals	221	431	469	368	235	181	120	1,916					

* Includes 1 aged 18, 5 aged 17, 2 aged 18, 3 aged 19, 2 aged 20, 4 aged 21, and 7 aged 22.
 † Includes 66 between 65 and 60 years of age, and 10 of over 60.

II.

RETURN SHOWING DEATHS, 1920.

Colony.	Central Age 25 and under 25	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and under 55	Age not known.	1st Year of Service.	2nd Year of Service.	3rd Year of Service.	Totals
	Kenya Colony and Protectorate	3	—	1	—	—	1	2	3	—	4
Uganda	—	1	—	1	—	—	1	1	—	2	3
Nyasaland	1	—	1	—	—	—	—	1	1	—	2
Zanzibar	—	—	—	—	—	—	—	—	—	—	—
Somaliland	—	—	—	—	1	—	—	—	—	1	1
Tanganyika Territory	—	—	—	—	—	—	2	2	—	—	2
Totals	4	1	2	1	1	1	5	7	1	7	15

RETURN SHOWING INVALIDINGS, 1920.

Colony.	Central Age 25 and under 25	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over 55	Age not known.	1st Year of Service.	2nd Year of Service.	3rd Year of Service.	Totals
	Kenya Colony and Protectorate	1	1	2	2	1	1	—	1	1	0
Uganda	—	2	—	1	1	—	—	1	—	1	3.5
Nyasaland	—	—	—	—	—	1	—	—	—	—	1.0
Zanzibar	—	—	—	—	—	—	—	—	—	—	—
Somaliland	—	1	—	—	—	—	—	1	1	1	3.0
Tanganyika Territory	2	—	—	—	—	—	1	1	3	2	6.0
Totals	3	4	2	4	3	5	4	2	5	18	25

RETURN SHOWING RATES PER 1,000 OF DEATHS AND INVALIDINGS, 1920.

Territories	Deaths						Invalidings						Total
	Central Age 25.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over 55.	Central Age 25.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over 55.	
Kenya	29.3	2.8	5.1	3.1	5.1	3.9	5.8	11.4	5.1	1.1	10.3	9.1	

Note.—Owing to the paucity of the information available as to age distribution in Tanganyika Territory, the deaths in and invalidings from that Administration have not been taken into account in compiling this table.

RETURN GIVING PARTICULARS OF OFFICIALS WHO LEFT THE SERVICE DURING 1920.

(1) Year	(2) No. who left service	(3) Deaths	(4) Persons	(5) Invalidities (Including Officers Resigned owing to ill-health)		(6) Total	(7) Average Length of Service	(8) Average Length of Service on 31st Decem-ber, 1920	(9) No. in Service on 31st Decem-ber, 1920
				Total	Rate per 1,000				
1910	117	7	9	10	8,610	147	35	3,258	
1911	26	3	2	2	1,260	17	4.2	322	
1912	15	2	2	2	1,043	22	3.9	173	
1913	36	3	1	1	1,011	10	3.6	66	
1914	48	2	3	6	12,813	91	34	587	
1915	23	1	1	2	11,700	35	6	244	
1916	14	1	1	2	11,700	35	6	244	
1917	14	1	1	2	11,700	35	6	244	
1918	14	1	1	2	11,700	35	6	244	
1919	14	1	1	2	11,700	35	6	244	
1920	14	1	1	2	11,700	35	6	244	

SUMMARY OF RETURNS FOR 1910-1920

(1) Year	(2) No. who left service	(3) Deaths	(4) Persons	(5) Invalidities (Including Officers Resigned owing to ill-health)		(6) Total	(7) Average Length of Service	(8) Average Length of Service on 31st Decem-ber, 1920	(9) No. in Service on 31st Decem-ber, 1920
				Total	Rate per 1,000				
1910	537	14	2	10	23	24.5	4	0	316
1911	967	13	1	9	12	12.4	7	3	1,019
1912	1,060	10	2	3	11	10.3	3	10	1,135
1913	1,293	10	1	3	4	1.8	19.5	5	1,322
1914	1,447	10	3	6	10	20	13.8	5	3
1915	1,307	12	4	5	7	23	10.3	5	0
1916	1,410	13	3	4	5	20	17.3	4	1
1917	1,410	13	3	4	5	21	11.9	7	1
1918	1,394	20	4	7	10	34	10.3	10	2
1919	1,390	14	5	11	10	13.6	7	0	113
1920	1,561	15	6	15	20	31	20.1	9	0
1920	1,520	14	6	14	28	35	11.3	7	3

(1) Includes active service casualties.

(2) Excludes active service casualties.

TABLE SHOWING DEATH AND INVALIDING RATES IN EACH PROTECTORATE, 1910-1920.

Deaths.

Year.	East Africa Protectorate (Kenya).		Uganda.		Nyassaland.		Zanzibar.		Somaliland.		Tanganyika Territory.	
	No.	Rate per 1,000.	No.	Rate per 1,000.	No.	Rate per 1,000.	No.	Rate per 1,000.	No.	Rate per 1,000.	No.	Rate per 1,000.
1910	8	14.5	3	14.2	3	22.6						
1911	8	18.6	3	18.4			not known	1	49.5			
1912	6	9.1	2	7.9				2	85.2			
1913	8	10.2			1	6.7		1	38.5			
1914	(a) 7	7.6			6	18.7	2	88.5	1	80.3		
	(b) 5	5.4			3	10.6			2	67.1	not known	
1915	(a) 6	6.2			3	10.5	1	6.3				
	(b) 11	12.1			2	7.4	4	29.3	1	17.3		
1916	(a) 7	7.6			5	22.4			1	28.6		
	(b) 16	17.9			2	7.8	1	7.7				
1917	(a) 13	14.5			1	7.7	1	38.8				
	(b) 13	14.1			3	12.1	1	7.4	2	55.1		
1918	(a) 11	11.9			1	4.0			1	17.5		
	(b) 11	11.9			1	4.0			1	17.5		
1919	13	12.8			2	7.4			1	10.6		
1920	7	5.9			3	10.1	3	12.9	Nil	Nil	1	38.2

Invalidities

1910	8	14.5	9	42.6			3	15.0
1911	4	6.8	8	13.4	8	22.7	2	8.7
1912	8	4.8	5	19.8	8	31.9	not known	
1913	7	9.0	2	7.2	3	20.1	1	88.5
1914	(a) 9	9.8			3	18.7		
	(b) 8	8.7	7	24.7	2	12.5	1	19.2
1915	(a) 18	18.4	4	13.9	8	50.9	1	18.5
	(b) 11	11.9	4	13.9	7	44.2	3	85.7
1916	20	10.9	5	18.4	4	29.8	2	57.1
1917	7	7.8	3	14.7	3	23.1	1	18.8
1918	10	10.8	4	16.1	3	22.7	1	17.5
1919	16	15.7	8	28.0	3	22.7	2	40
1920	10	8.6	4	18.6	3	19.5	1	14.2

(1) Includes active service casualties.

(2) Excludes active service casualties.

NOTES FOR 1910 AND 1920

Deaths.

Year	Death rate from all causes	1910	1920
1910	14.5	14.5	10.7
1920	5.9	5.9	10.7

Excluding deaths due to accident and causes other than disease the rates are:

Year	Rate per 1,000
1910	14.9
1911	10.3
1912	8.4
1913	6.5
1914	6.5
1915	6.6
1916	7.8
1917	11.7
1918	12.2
1919	9.7
1920	6.3 (including T.T. area)

It will be observed that this rate, which rose steadily during the years of war (1915-18), is now falling, probably in consequence of the return to normal conditions as to leave, etc.

In 1919, fifty per cent. of the deaths were due to Blackwater and Enteric Fevers.

Particulars of Deaths, 1919 and 1920.

Cause, 1919.	Age.	Length of Service yrs.	Length of Service mths.	Cause, 1920.	Age.	Length of Service yrs.	Length of Service mths.
Kenya. (7)							
Enteric fever	43	7	8	Blackwater	unknown	0	1
Cholera	31	1	1	Cancer of bowel	35	11	1
Food poisoning	74	1	2	Suicide	25	0	5
Diphtheria	37	3	8	Heart disease	52	13	5
Blackwater	39	5	2	Pneumonia	25	1	9
Epilepsy	29	1	3	Accidentally killed	21	2	5
Blackwater	35	19	10	Carcinoma of pancreas	unknown	7	6
Heart failure	50	9	7	Uganda. (3)			
Malignant malaria	45	22	5	Pneumonia	41	—	—
Blackwater	63	0	5	Liver abscess	34	0	3
Appendicitis	41	5	10	Nyasaland. (2)			
Blackwater	55	20	5	Para typhoid	23	0	7
Pneumonia	48	7	2	Malaria	34	1	7
Zanzibar. (1)							
Blackwater	42	9	0	Somalia. (4)			
Blackwater	31	3	3	Heart disease	15	3	7
Zanzibar. (1)							
Pneumonia	57	13	1	Tanganyika Territory. (2)			
				Blackwater	unknown	0	10
				Blackwater	unknown	0	9

Incidings.

	Year.	Rate per 1,000.
Total invaliding rate	1919	20.1
	1920	11.9
	1919-1920	14.2

The rate for 1919 is the highest recorded since 1910, but that for 1920 has fallen to normal again.

Particulars of Invalidings, 1919 and 1920.

Cause, 1919.	Age.	Length of Service yrs.	Length of Service mths.	Cause, 1920.	Age.	Length of Service yrs.	Length of Service mths.
Kenya. (16)							
Neurasthenia	25	2	8	Kenya. (10)			
Tuberculosis	40	9	8	Obtronic colitis	59	12	2
Eye and nerve trouble	31	1	0	Injured on duty	27	1	3
Nerves	38	7	0	Ear disease	31	6	9
Ulcers	35	1	1	Pleurisy	50	2	5
Melanophia	34	6	1	Heart trouble	36	7	0
Bright's disease	50	13	3	Malaria	35	10	8
Nerves	42	14	6	Alimentation	48	7	2
Mental breakdown	48	22	11	Tuberculosis	41	6	3
Malaria	31	3	3	Neurasthenia	44	10	4
Nerves	38	7	3	Neurasthenia	43	22	6
Varicose veins	43	15	2	Uganda. (4)			
Calabar swellings	46	8	6	Eye trouble	30	5	1
Mental breakdown	33	3	8	Neurasthenia	28	0	10
Tuberculosis	38	6	0	Heart trouble	42	12	1
Tuberculosis	33	6	10	Chronic gastritis	47	16	0

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No.

EAST AFRICA.

VITAL STATISTICS OF EUROPEAN OFFICIALS FOR THE YEARS 1919 AND 1920.

I.

RETURN SHOWING AGE DISTRIBUTION OF OFFICIALS ON THE 1ST JANUARY 1919.

Protectorate.	Central Age 25 and under 23.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over.	Age not known.	Totals.
Kenya	115	263	218	119	101	87	19	962
Uganda	11	61	61	55	—	—	7	217
Nyasaland	3	24	27	31	21	18	—	126
Zanzibar	—	6	11	11	9	—	—	47
Somaliland	4	10	12	6	2	3	—	47
Totals	*134	364	328	256	167	138	36	1,463

* Includes 3 aged 19, 3 aged 17, 4 aged 18, 2 aged 19, 19 aged 20, 5 aged 21, 7 aged 22.

† Includes 0 aged 53, 10 aged 54, 8 aged 55, 6 aged 56, 0 aged 57, 3 aged 58, 1 aged 59, 2 aged 60, 2 aged 61, 1 aged 64, 1 aged 66.

II.

RETURN SHOWING DEATHS AND INVALIDINGS, 1919.

Protectorate	Deaths.						In 1st Year of Service.	In 2nd Year of Service.	1 and 2nd Year of Service and over.	Totals.
	Central Age 25.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over.				
Kenya	1	2	2	1	3	3	—	2	11	19
Uganda	—	—	—	—	—	—	—	—	—	—
Nyasaland	—	—	—	—	—	—	—	—	—	—
Zanzibar	—	—	—	—	—	—	—	—	—	—
Somaliland	—	—	—	—	—	—	—	—	—	—
Totals	1	2	2	1	3	3	—	2	12	19

Protectorate	Invalidings.						In 1st Year of Service.	In 2nd Year of Service.	1 and 2nd Year of Service and over.	Totals.
	Central Age 25.	Central Age 30.	Central Age 35.	Central Age 40.	Central Age 45.	Central Age 50 and over.				
Kenya	1	2	5	4	2	9	—	1	15	31
Uganda	—	1	1	1	1	4	—	—	8	14
Nyasaland	—	—	1	1	—	1	—	—	3	5
Zanzibar	—	1	—	—	—	1	—	—	2	4
Somaliland	—	—	—	—	—	—	—	—	—	—
Totals	1	4	7	6	3	16	—	1	23	54

III.

RETURN SHOWING RATES PER 1,000 OF DEATHS AND INVALIDINGS, 1919.

Year	Deaths.						Invalidings.					
	Central Age 25 and under 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50	Central Age 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50
1919	7.5	8.1	12.4	7.6	17.3	99.4	22.3	10.9	21.7	28.4	17.9	57.8

IV.

BY GIVING PARTICULARS OF OFFICIALS WHO LEFT THE SERVICE DURING 1919

Year	Average No. in Service	Deaths			Invalidings			Total No. who Left the Service	Average Length of Service in Years	Average Length of Service in Months	No. on Sick Leave					
		Total		Ill health	Total		Ill health									
		(a)	(b)	(c)	(d)	(e)	(f)					(g)	(h)			
		Rate per 1,000	Average Length of Service	Ill health	Total	Total	Rate per 1,000	Average Length of Service								
			Yrs. m.					Yrs. m.								
1919	1,916	13	12.8	8	2	7	11	13	15.7	7	7	196	86	4	7	1,000
1918	2,544	2	7.1	8	7	6	3	8	29.0	11	3	29	39	7	2	322
1917	143	—	—	—	—	—	—	8	20.1	15	1	17	35	8	2	173
1916	60	1	20	13	1	—	—	2	49	9	8	5	40	9	—	62
1915	5	—	—	—	—	1	—	2	40	1	2	10	84	4	—	61
Totals	4,624	1	10.1	8	10	23	81	20.0	9	187	36	5	6	13	—	1,400

RETURN SHOWING AGE DISTRIBUTION ON 1ST JANUARY, 1920.

Colony	Deaths.						Invalidings.						Totals	
	Central Age 25 and under 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50 and over 55	Central Age 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50 and over 55		
Kenya Colony and Protectorate	185	289	269	193	121	118	17	1,082						
Uganda	15	62	69	56	42	21	5	269						
Nyasaland	1	20	26	30	28	20	2	135						
Zanzibar	5	6	13	14	8	9	1	69						
Somaliland	13	17	13	9	9	2	—	61						
Tanganyika Territory	49	79	96	64	38	11	38	400						
Totals	224	473	486	368	235	181	120	2,016						

* Includes 1 aged 16, 5 aged 17, 2 aged 18, 2 aged 19, 2 aged 20, 4 aged 21, and 7 aged 22.
 † Includes 56 between 31 and 50 years of age, and 10 of over 60.

II.

RETURN SHOWING DEATHS, 1920.

Colony.	Central Age 25 and under 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50 and over 55	Age not known.	1st Year of Service	2nd Year of Service	3rd Year of Service	Totals
	Kenya Colony and Protectorate	3	—	1	—	—	1	2	3	—	1
Uganda	—	1	—	1	—	—	1	1	—	2	5
Nyasaland	1	—	1	—	—	—	—	1	1	—	3
Zanzibar	—	—	—	—	—	—	—	—	—	—	—
Somaliland	—	—	—	—	1	—	—	—	—	1	1
Tanganyika Territory	—	—	—	—	—	—	2	2	—	—	4
Totals	4	1	2	1	1	1	5	7	1	3	15

RETURN SHOWING INVALIDINGS, 1920.

Colony.	Central Age 25 and under 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50 and over 55	Age not known.	1st Year of Service	2nd Year of Service	3rd Year of Service	Totals
	Kenya Colony and Protectorate	1	1	2	2	1	3	—	1	—	—
Uganda	—	2	—	1	1	—	—	—	—	3	4
Nyasaland	—	—	—	1	1	1	—	—	—	—	3
Zanzibar	—	—	—	—	—	—	—	—	—	—	—
Somaliland	—	—	—	—	—	—	—	—	—	1	1
Tanganyika Territory	2	—	—	—	—	—	—	1	—	2	5
Totals	3	1	2	4	3	4	—	2	—	18	25

III.

RETURN SHOWING RATES PER 1,000 OF DEATHS AND INVALIDINGS, 1920.

Colony	Deaths.						Invalidings.						Totals
	Central Age 25 and under 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50 and over 55	Central Age 25	Central Age 30	Central Age 35	Central Age 40	Central Age 45	Central Age 50 and over 55	
Kenya Colony and Protectorate	2.8	5.1	3.3	5.1	6.9	6.8	11.4	5.1	11.1	15.3	12.0	26.0	

Note.—Owing to the paucity of the information available as to age distribution in Tanganyika Territory, the deaths in and invalidings from that Administration have not been taken into account in compiling this table.

It will be observed that this rate, which rose steadily during the years of war (1915-18), is now falling, probably in consequence of the return to normal conditions of leave, etc.

In 1919, fifty per cent. of the deaths were due to Blackwater and Enteric Fevers.

Particulars of Deaths, 1919 and 1920.

Cause, 1919.	Age.	Length of Service.	Cause, 1920.	Age.	Length of Service.
		yrs. mths.			yrs. mths.
<i>Kenya (7)</i>					
Blackwater	43	7 6	Blackwater	unknown	0 1
Cancer	31	5 7	Cancer of bowel	35	11 1
Enteric fever	34	1 2	Syphilis	25	0 5
Diabetes	50	3 8	Heart disease	52	14 5
Blackwater	24	6 2	Pneumonia	25	1 9
Enteric	24	1 3	Accidentally killed	24	2 5
Blackwater	31	10 10	Carcinoma of pancreas	unknown	7 6
Heart failure	20	0 1	<i>Uganda (3)</i>		
Malariæ	4	2 5	Pneumonia	41	0 8
Blackwater	43	6 5	Liver abscess	31	
Appendicitis	44	5 10	<i>Nyasaland (2)</i>		
Blackwater	20	2 6	Para typhoid	23	0 7
Pneumonia	43	7 3	Malaria	34	1 7
<i>Uganda (2)</i>					
Blackwater	12	0 9	<i>Somaland (1)</i>		
Pneumonia		6 3	Heart disease	45	3 7
<i>Zanzibar (1)</i>					
Pneumonia	27	13 1	Blackwater	unknown	0 10
			Blackwater	unknown	0 9

Invalidings.

Year.	Rate per 1,000.
1919	20.1
1920	11.9
1919-1920	14.2

The rate for 1919 is the highest recorded since 1910, but that for 1920 has fallen to normal again.

Particulars of Invalidings, 1919 and 1920.

Cause, 1919.	Age.	Length of Service.	Cause, 1920.	Age.	Length of Service.
		yrs. mths.			yrs. mths.
<i>Kenya (10)</i>					
Chronic colitis	39	11 2	Injured on duty	27	1 3
Typhoid fever	49	3 8	Zar disease	21	6 9
Chronic enteric fever	31	4 6	Pleurisy	50	2 8
Enteric	40	1 8	Heart trouble	36	7 6
Neurasthenia	34	0 1	Malaria	35	10 9
Bright's disease	50	13 3	Rheumatism	48	7 2
Nerves	42	14 6	Neurasthenia	41	6 3
Mental breakdown	48	22 11	Tuberculosis	44	16 4
Malaria	31	3 3	Neurasthenia	48	22 6
Nerves	34	7 3	<i>Uganda (4)</i>		
Varicose veins	42	15 2	Eye trouble	30	5 1
Ocular swellings	46	3 6	Neurasthenia	29	0 10
Mental breakdown	33	0 8	Heart trouble	42	12 1
Tuberculosis	39	6 8	Chronic gastralgia	47	16 6
Tuberculosis	39	6 10			

Cause, 1919.	Age.	Length of Service.	Cause, 1920.	Age.	Length of Service.
		yrs. mths.			yrs. mths.
<i>Uganda (8)</i>					
Malaria	48	16 8	Neurasthenia (3)	49	22 11
Mental trouble	51	2 6	Mental trouble	46	5
Eye trouble after sunstroke	36	9 1	Neurosis	41	11 8
Blackwater	50	16 7	<i>Somaland (1)</i>		
Bilharzia	43	14 11			
Malaria	31	5 7			
Colitis	45	14 1			
Dermatitis	42	11 6	<i>Zanzibar (1)</i>		
<i>Nyasaland (8)</i>					
Diabetes	36	11 0	Heart trouble and dropsy	49	11 1
Neurasthenia	50	19 8	<i>Tanganyika Territory (6)</i>		
Muscular rheumatism	42	14 7	Neurasthenia	25	1 3
			Blackwater	24	1 4
				unknown	2 10
				unknown	3 11
				unknown	0 11
				unknown	1 2
<i>Zanzibar (1)</i>					
Nerve trouble	32	9 8			
<i>Somaland (2)</i>					
General exhaustion	26	1 2			
Epilepsy	26	1 2			

For the first time a few figures relating to the staff in Tanganyika Territory appear in the 1920 statistics.

The number of females employed in 1919 was 96. One death was recorded from enteric, at the age of 28, after fifteen months' service, and two invalidings at the ages of 40 and 33 for colitis and mental trouble, respectively. In 1920 the number employed rose to 130. No deaths were recorded and only one invaliding, at the age of 47, after sixteen and a-half years' service, for chronic nostralgia. Six resigned in 1919, and eight in 1920, to be married.

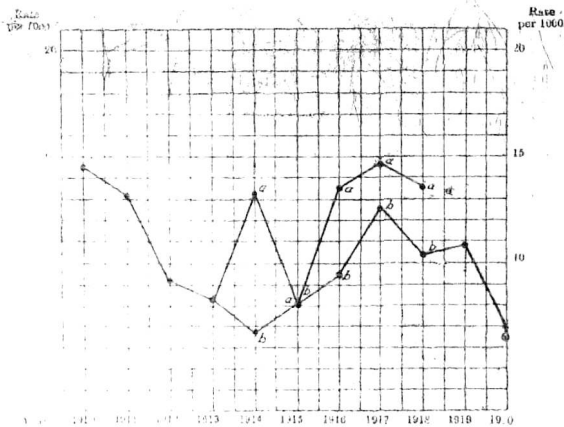
Column 4 (e) of Table V shows a large increase in the number of officials retiring on age grounds, both for 1919 and 1920. This is, no doubt, due to officials who would, in the ordinary course of events have retired during 1915 to 1918, deferring their retirement until after the end of the War. All officers pensioned had at least ten years' service in East Africa, except in a few cases of transfer from pensionable appointments elsewhere.

76 per cent. and 128 per cent. respectively, of the total number who left the service during the two years were due to deaths and invalidings. The remainder were due to retirements on pension on grounds of age, completion of agreements, resignations, etc.

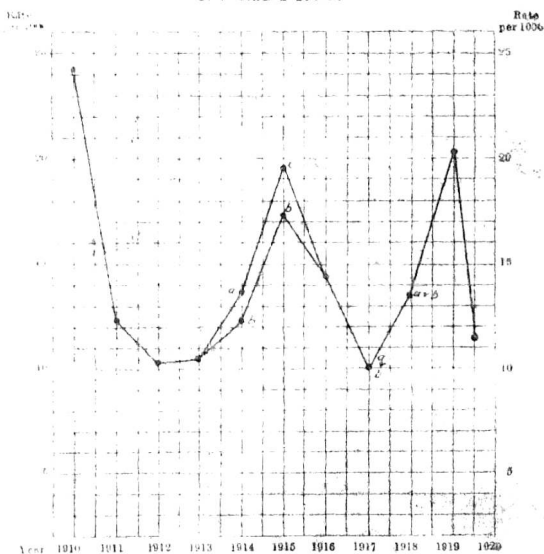
In reckoning the length of service of officials the time spent on voyages to and from East Africa and leave in Europe has been included. The actual period spent in East Africa may be put roughly at four-fifths of the total service.

It will be noticed that the total of column 6 of Table IV, is less than the actual total of the figures given for the separate Protectorates. This is accounted for by the transfer of officers from one Protectorate to another.

DEATH RATE.



INVALIDING RATE.



- (a) Includes active service casualties.
 (b) Excludes active service casualties