

E. AFRICA
19012

C. O. 216
19012
CP
RECEIVED JUN 12



Colonial

Date
1912

June

Last previous Paper.

10344
E. A. P.

VITAL STATISTICS OF EUROPEAN OFFICIALS

RETURNS FOR 1910 AND 1911

Mr Batterbee

Below you will find the Vital Statistics for 1910 and 1911.

I have now been employed on this work for 2½ years (about 2 hours a day). During this time I have prepared cards for every officer in the service, despatched over 900 forms to officers on leave, entered particulars given on cards, kept records of new appointments and terminations, etc.

The forms have on the whole been very well filled in by officers, only a very small proportion having to be returned for further information. As you know we ask for birth certificates when available. About 33% of those circularised have supplied these certificates. We have only had one refusal to supply the information asked for.

The returns for 1910 have been greatly delayed owing

Copies of returns sent at 5 PM on 20 Aug '12
For to Gov. E. A. P.

Next subsequent Paper

29660

owing to the difficulty we have had in getting the local authorities to send home the information asked for. However I hope we shall have no difficulty on this point in the future as the information comes along regularly now.

The West African Statistics are being kept up-to-date by means of the forms of which copies are below. I should be glad to know if I am to send out similar forms.

The following figures may be of interest:-

Average death rate for 1910 and 1911,	West Africa	17.1	per 1000
-do-	East Africa	13.6	"
invaliding -do-	West Africa	28.8	"
-do-	East Africa	18.4	"

W. A. M.
20/6/12

Mr Wood has done a most excellent thing & work.

The East African Statistics should, I think, be kept up to date as best West progress by means of the forms which should be sent out every time an officer comes home on leave.

In West Africa the forms are sent out promptly in accordance with the proposal to establish a bureau &

Yes. J. A.
P.M.

W. A. M. invaliding to great extent in East & West Africa is much less than is generally supposed, other things being considered.

In Med & Sur Af, xviii

Officers' Journals. That is not possible in East Africa at present, but the sending out of the forms does not in other such health, and the information thus obtained may prove very useful.

The death rate & invaliding figures are very interesting. They show the big difference between health conditions in East & West Africa is much less than is generally supposed, other things being considered. This affords incidentally abundant justification for the recent improvement of the East African Health Regulation.

The Statistics perhaps should be printed as in the case of those for S. Africa.

W. A. M.
20/6/12

I agree. The question of continuing will be raised year by year on each

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Yes.
to J. G. F.
W. G. F.

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EA

The Med. & San.
Hq., Cairo

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Year's figures

W.A.S.

June 21

H. J. R.

21/II

~~Mr. Reader~~

Mr. Reader

Mr. J. F. Fiddler

These are valuable returns & add authority to
 rendered year by year. At present of course, they are
 for too short a period to allow of definite comparison
 with the W.A. statistics for years recently printed, but
 both the Mortality & Death rates appear to be higher
 than might have been expected from countries whose
 reputation for climate is on the whole good. We have
 recently called the attention of W.A. & S. A. P. to the
 necessity of improving their sanitation & it is to be hoped
 that this will eventually produce better results than
 have been the case in W.A.

I should like if possible to prepare a small article
 on these returns for publication in the Lancet or other
 medical paper.

W.A. 26/6.

x. Jaeger. They should certainly be continued. No
 doubt the necessity is not so obvious as in the W.A. case: but
 now & then a WHO Pension scheme is sure to
 materialise & it will be very convenient to have these
 returns in existence.

AF 26

H. J. R.

26/II

27/6

6-28-6

g.g.

6-28-6-12

on the lines
 of the annex
 article reg
 to Africa
 H. J. R.

I have written a short article based on these statistics
 which is in the hands of "The Lancet" who will print it
 in about 6 weeks.

W.A. 12/7/12

Printed copies 1910 & 1911 returns circulated to
 TAMS c. to 28/8 AF

Mr. Parkinson
 W. Reader

With reference to the decision on
 W/20238/13 W.Afr. that the information as to marriage
 etc. is not to be collected in future I submit draft to
 E.A.P. cancelling para. 3 of our despatch of 7/9/12.

W.A. 12/7/12

19th August 1913

delet 19/8/13

Home

H. J. R.

19/8/13



Vital Statistics of European Officials

6/8 I

return showing age distribution of officers on 1st January 1910

Directorate	Central age 25. under 25	Central age 30	Central age 35	Central age 40	Central age 45	Central age 50+over	Age not known	Totals
East Africa Prot.	77 (a)	103	79	44	28	16 (b)	204	551
Madagascar	21	41	19	11	4	3 (c)	120	219
Madagascar	15	16	20	16	5	1	68	136
Madagascar	6	16	12	5	-	-	17	56
Totals	114	176	130	76	37	20	409	962

(a) includes 17 under 25
 (b) 7 aged 55 56 58 59 62 63 + 66 respectively
 (c) 2 54

II

return showing deaths and invalidings

Directorate	Deaths							Totals	Invalidings							Totals				
	Central age 25	Central age 30	Central age 35	Central age 40	Central age 45	Central age 50	at 1st year		2nd year	3rd year	4th year	5th year	6th year	7th year	8th year		9th year	10th year		
East Africa Prot.	-	1	4	-	2	1	1	-	1	8	3	1	1	2	-	1	-	1	7	8
Madagascar	1	-	-	-	-	2	1	1	1	3	-	4	2	1	-	2	-	3	6	9
Madagascar	-	2	1	-	-	-	1	-	2	3	-	-	-	-	-	-	-	-	-	6
Madagascar	-	-	-	-	-	-	-	-	-	-	1	2	1	2	-	1	-	5	6	6
Totals	1	3	5	-	2	3	3	1	10	14	4	7	4	5	-	3	1	4	18	26

a. unknown b. includes 2 unknown

~~This table does not include deaths and invalidings of ...~~

III

Table showing Rates per 1000 of Deaths + Invalidings

Year	Deaths						Invalidings					
	central	central	central	central	central	central	central	central	central	central	central	central
	age	age	age	age	age	age	age	age	age	age	age	age
1910	25	30	35	40	45	50	25	30	35	40	45	50
					over							over
	8.8	17.0	39.5	-	54.0	-	35.1	30.8	30.8	65.8	-	50

This table does not include the 3 deaths and 2 invalidings particulars of which are not known.

Owing to the large number of officers whose age is not known the information given in this table must be considered as approximate.

IV

Table giving particulars of officers who left the service during 1910

(1) Directorate	(2) average No in Service	(3) Deaths			(4) Pensioned		(5) Invalidings			(6) Total No	(7) average age in service	(8) average length of service	(9) No. on 31st Dec		
		a Total	b Rate per 1000	c average length of service	d	e	f Total	g Rate per 1000	h average length of service					i who left the service	
East Africa	553	8	14.5	6	2	3	8	14.5	5	4	96	34	3	4	556
India	211	3	14.2	1	-	-	9	42.6	3	-	59	31	2	5	203
Malaya	133	3	22.6	4	10	-	2	-	-	-	19	35	4	6	131
Madagascar	40	-	-	-	-	3	6	150	3	8	34	33	3	9	25
East Africa	267	14	14.9	5	2	10	23	24.5	4	-	192	33	3	6	915

REMARKS

It will be noticed from Table I that the information available as to the age distribution of officers is very incomplete. This information is being collected as officers come on leave and in future returns the figures under "age not known" will be rapidly reduced.

The total death rate for the year was 14.9 per 1000. There were no deaths due to causes other than disease.

The causes of deaths were as follows:-

EAST AFRICA PROTECTORATE

1 hyperpyrexia following malaria, 1 malaria, 1 cancer, 1 chronic bronchitis and heart failure, 1 abscess of liver and jaundice, 1 bursting of blood vessel and 1 rheumatic fever.

UGANDA

2 blackwater fever and 1 unknown

NYASALAND

1 blackwater fever, 1 gastro-enteritis and 1 unknown.

The total invaliding rate for the year was 24.5

The causes of invalidings were as follows:-

EAST AFRICA PROTECTORATE

1 syphilis, 1 progressive visceral changes, 1 sciatica, 1 malaria, 1 insanity, 2 heart troubles and 1 abscess of liver.

UGANDA

1 dislocated shoulder, 1 gonorrhoea, 1 digestive troubles, 1 dyspepsia and heart trouble, 1 boils, 1 blackwater fever and 3 nervous breakdowns.

SOMALILAND

1 haemorrhoids, 1 kidney trouble (stone), 2 malarial fever, 1 injury to eye and 1 malignant growth on testicle (has died since leaving the service.)

In addition to the above there were two dismissals for intemperance. If these are accounted as due to the

climate

3

climate and therefore as invalidings the total rate for the year is raised to 26.7 per 1000.

Under invalidings are included not only all officers invalided home but officers who did not return to East Africa for reasons of health.

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 $\frac{2}{5}$ ths 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.

Officers pensioned had at least 10 years service in East Africa except in a few cases.

7.3 per cent and 11.9 per cent respectively of the total number who left the service were due to deaths and invalidings. The remainder were due to retirement on pension on account of age, completion of agreement, reversion to British regiments of King's African Rifles Officers to British Regiments at conclusion of secondment, dismissals etc.

1902.



West Africa

C.O. 223
1902
for the year
ended 31st Dec 1911

Total Statistics of European Officials

I 68

Showing age distribution of officers on 1st January 1912

Proctorate	General age 25 + male 23	General age 30	General age 35	General age 40	General age 45	General age 50 & over	Age not known	Totals
West Africa Prot	88	122	96	50	32	20 (6)	148	556
Sierra Leone	28	61	42	18	6	3 (2)	44	203
Sisalaland	11	21	27	23	12	2	20	131
Sierra Leone	5	4	5	4	-	-	7	25
Totals	132	218	170	100	50	26	219	915

includes 14 under 23 (b) includes of age 53 54 59 60 63 + 69 respectively
and aged 55

II

Return showing deaths and invalidings

Proctorate	Deaths							Total	Invalidings							Total	
	25	30	35	40	45	50	25		30	35	40	45	50				
West Africa Prot	-	3	-	1	2	2	4	8	1	-	-	-	1	1	-	3	4
Sierra Leone	-	-	-	2	1	-	2	3	-	-	-	3	-	-	-	3	3
Sisalaland	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	3	3
Sierra Leone	-	-	-	1	-	-	-	1	-	2	-	-	-	2	-	-	2
Totals	-	3	-	4	3	2	6	12	1	2	-	4	1	1	3	9	12

includes one aged 64
Sisalaland unknown
Ages of 2 invalidings from West Africa + one from

III

showing Rates per 1000 of Deaths & Invalidings

Year	Deaths					Invalidings						
	central	central	central	central	central	central	central	central	central	central	central	
	age 25	age 30	age 35	age 40	age 45	age 50	age 55	age 60	age 65	age 70	age 75	
1911	-	13.9	-	40	60	16.9	7.6	9.2	-	40	20	38.5

This table does not include the 3 invalidings particulars of which the number is unknown. As the large number of officers whose age is not known the information in this table must be considered as approximate.

IV

showing particulars of officials who left the Service during 1911

Province	(1) average No in Service	(2) Deaths			(3) Pensioned		(4) Invalidings			(5) Total who left the Service	(6) average length of service in years	(7) average length of service in years	(8) Total
		Total	Rate per 1000	average length of service	Total	Total	Total	Rate per 1000	average length of service				
East Africa Prot.	598	8	13.6	2 10	2	3	4	6.8	7 11	92	86	2 11	619
India	224	3	13.4	5 5	1	1	3	13.4	7 3	25	54	4	245
Madagascar	132	-	-	-	3	5	3	22.7	9 10	20	36	6 11	133
East Africa	964	1	10.6	3	-	-	2	8.4	2 3	5	33	2 10	22
East Africa	964	12	12.4	3 3	6	9	12	12.4	7 3	126	36	3 8	1019

C. O.

1912

REG.

JUN 12

Y

Summary of returns for 1910 & 1911

Year	Average No. in force	Deaths			Retained		Invalidings			Total To be distributed	Average length of service	Average length of service	Total on Dec 31st
		Total	Rate per 1000	Average length of service	All health	Total	Total	Rate per 1000	Average length of service				
1910	934	14	14.9	3.5	2	10	23	24.5	2.5	192	33	4.6	915
1911	964	12	12.4	3.3	6	9	12	12.4	4.3	126	36	3.9	1019

Average death rate for 1910 & 11 13.6 per 1000
 invaliding 13.4

JWA

REMARKS

The information available for these statistics is a good deal fuller than it was in 1910. The numbers in the "age not known" column of Table I have been reduced from 412 to 219.

The total death rate for the year was 12.4 per 1000 a decrease of 2.5 per 1000 on that for 1910. If the two deaths due to accidents are excluded (there were no accidental deaths in 1910) the total death rate was 10.3 per 1000 a decrease of 4.6 per 1000 on that for 1910.

The causes of deaths were as follows :-

EAST AFRICA PROTECTORATE

1 killed by hippopotamus, 1 malaria pneumonia and heart trouble, 1 from effects of amputation of leg, 1 blackwater fever, 1 typhoid fever, 1 suicide (suffered from neurasthenia), 1 hepatic abscess and peritonitis and 1 unknown (died at sea).

Uganda

1 accidentally drowned, 1 septicæmia and 1 malarial fever.

Somaliland

1 suicide during temporary insanity.

The total invaliding rate for the year was 12.4 per 1000 a decrease of 12 per 1000 on that for 1910.

The causes of invalidings were :-

EAST AFRICA PROTECTORATE

3 eye troubles (1 choroiditis, 1 progressive diminution of vision and 1 acute inflammation) and 1 diabetes and hæmatemesis.

UGANDA

1 neurasthenia and stricture of urethra, 1 incipient neurasthenia and 1 colitis.

NYASALAND

1 transverse myelitis, 1 drug habit and blackwater fever and 1 chronic gastritis.

CONCLUSION:

1 mucous colitis and 1 loss of left eye owing to exposure to sun and dust.

In addition to the above there were two dismissals for intemperance. If these are accounted as due to the climate and therefore as invalidings the total rate for the year is raised to 14.5 per 1000.

Of the total number who left the service 9.5 per cent were due to deaths and 9.5 per cent to invalidings.

The remarks in 1910 as to invalidings, length of service, total of column 6 of Table IV apply also to these returns.

During the year one Uganda pensioner died. The particulars of this case are:-

Age at death	Length of Govt. service	Period between date of service + date of death	Cause of death
45	12 months 9	12 months 5 6	unknown

C.D.
R. 5SEP
D. 5

1912
28th

228

Sept 1912

Handwritten initials and scribbles

Sir,
With refce to your desp No. 195 of the 14th March I have to call your attention to the fact that I have not yet received the Vital Statistics Returns on the forms specified in my desp No. 603 of the 6th 1910 for the first two quarters of the current year and to request that you will forward them as soon as possible.

2. I enclose two lists (A) of officials who have not yet filled in Vital Statistics Forms and (B) of officials from whom I have recd Forms but of whose appts I have no information as to titles and dates. With regard to (A) I shall be glad if you will distribute the accmpt forms to the officers concerned and return them to me when filled in. In respect of (B) I desire to be informed of date and titles of appts.

3. It is desired to keep these statistics as far as possible up-to-date and I shall be glad if you will make arrangements to keep me informed of any changes amongst the locally engaged Europeans such as marriage, death of wife, birth of children etc. So far as officers who come on leave to this country are concerned this will be done by circular from this office.

4. I take this opportunity of forwarding for your information copies of the Returns which have been prepared for the years 1910 and 1911.

DRAFT.

O a es
East afy Prot
No. 571

MINUTE.

Mr. Wood

Mr. Read

Sir G. Fiddes.

Sir H. Just.

Sir J. Anderson.

Lord Emmott.

Mr. Harcourt.

Handwritten scribbles and initials

Handwritten notes:
Yes 10344
Jac as 24026/9
Ansrd 24026/9

A + B (already copied)
120 v. 8. Forms
Returns for 1910 & 1911

Handwritten signature

19012
20/12

20

20 August 1913

Sir,

With reference to para.3 of my despatch No.571 of the 7th Sept 1912 asking that I might be supplied with information as to the marriage etc of officers for vital statistical purposes, I have etc to inform you that, on further consideration, ^{being} decided that it is unnecessary to collect this information, and no further action need therefore be taken in the matter.

2. I still desire however to be furnished with the quarterly returns of local appts and terminations.

I have etc

DRAFT.

A.P.
b. 646
Governor H.C. Balfield Esq., C.M.G.

MINUTE.

- Mr Wood 19/10/13
- Mr Read 19
- Sir G. Fiddes
- Sir H. Just
- Sir J. Anderson
- Lord Emmott
- Mr. Harcourt

premier