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Annual Administration Report of the Civil  
Veterinary Department, Bombay Province  
including the Bombay Veterinary College  
and the Bombay City and Harbour Veterinary  
Department

*For the Year 1939-40*

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BOMBAY

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# ANNUAL ADMINISTRATION REPORT OF THE CIVIL VETERINARY DEPARTMENT, BOMBAY PROVINCE, FOR THE YEAR 1939-40.

## I. ADMINISTRATION.

I continued to hold charge of the Department throughout the year and was on tour for 128 days. During the course of my tours I visited all districts with the exception of East Khandesh and inspected 51 Veterinary hospitals and dispensaries. I also inspected a site for the construction of buildings for the Veterinary dispensary, Anklesvar, and in connection with the Tick Control Scheme, visited Kumbhari, Benkatti, Devgiri and Hosakuli, where dipping tanks and spraying machines were in operation, and Tandulwadi to consider alternative sites for the dipping tank to be constructed there.

2. As usual I officiated as President of the Board of Examiners appointed to conduct the annual examinations at the Bombay Veterinary College and also conducted the supplementary examinations held in October. Among other duties performed by me were the following:—

(1) I attended the meetings of the Board of Rural Development, the Provincial Agricultural Research Committee and the Co-ordination meeting of the heads of the Agricultural and Veterinary Departments.

(2) I attended the meetings of the Advisory Board of the Imperial Council of Agricultural Research at Delhi and Simla and served as a member of the Animal Nutrition and Diseases of Animals Committees.

(3) In connection with the export of animal products I visited Bandra Slaughter houses and Dharavi.

(4) Whenever possible I visited Panjrapoles and Goshalas and other institutions.

(5) I inspected the Bombay Veterinary College and the Offices of the three Veterinary Inspectors.

3. During the course of my tours, I travelled 10,616 miles by rail and 3,025 miles by road.

4. Mr. V. N. Kulkarni, Deputy Director and Personal Assistant to the Director, was on leave from 1st April to 1st July on which date he resumed duties and continued to hold charge of his post

until 29th February 1940, when he again proceeded on leave preparatory to retirement. From 1st to 11th April, I carried out his duties in addition to my own and Mr. C. N. Desai, Veterinary Inspector, Northern Range, was appointed to officiate from 12th April to 30th June and again from 1st March to the end of the year.

5. Mr. V. N. Kulkarni was on tour for 18 days and travelled 2,024 miles by rail and 286 by road. He inspected five dispensaries and the building selected for a dispensary to be opened at Saswad in Poona District.

6. He also attended a Co-ordination meeting at Karwar and conducted a series of lectures to the training class for Subordinate Rural Development Officers.

7. Mr. C. N. Desai was on tour for 21 days, travelled 2,015 miles by rail and 187 by road. He visited four districts and inspected 9 dispensaries.

## II. VETERINARY INSTRUCTION.

(By the Principal.)

8. *The Staff.*—Mr. M. Mohey Deen, M.R.C.V.S., held charge as Principal of the College throughout the year with the exception of 17 days in December when he was on leave. During this period Mr. K. B. Nair, Assistant Professor, was appointed to officiate for him. There were no other changes in the staff.

9. *The Students.*—There were 139 students on the first of April 1939. At the Annual Professional Examinations held in April, 137 students appeared and 90 passed. Of these, 31 who passed the final (Diploma) examination left the college and 6 discontinued the course after having failed or for other reasons. The remaining 102 students continued the course. In June 1939, 48 new students were admitted to class A, thus making a total of 150 students at the beginning of the collegiate year. Of these, 7 left the college after passing the Supplementary Final (Diploma) Examination held in October and 5 left subsequently during the course of the year on account of their inaptitude for the course. There were thus 138 students at the end of the year as against 139 at the beginning.

10. Of the 48 students admitted in June 1939, 38 were natives of Bombay Province, 6 were from Sind, 1 from Mangrol, 1 from Jhalwar, 1 from Bikaner and 1 from Jawhar. One had passed the B.A. Examination, 2 Intermediate, 12 First Year Arts and 33 the Matriculation examinations.

11. The results of the Annual Examinations held in April were as shown Below :—

Year.				Number examined.	Number passed.	Percentage.
Third or Class C	...	...	...	46	31	67.39
Second or Class B	...	...	...	45	31	68.88
First or Class A	...	...	...	46	28	60.86

12. The Board of Examiners considered these results to be satisfactory. The supplementary examination for the students who failed in one subject at the Annual Professional Examinations was held in October. Seven students from class C, 4 from class B and 5 from class A appeared and all passed.

13. *Scholarships.*—Of the 9 Government Scholarships attached to the collage, 2 scholarships were vacant. In April 1 scholar having graduated left and 2 scholarships were withdrawn as the holders failed in the Annual Examinations. There were thus 5 scholarships vacant at the commencement of the collegiate year. Of these, 2 were awarded to two old students in class C and 3 to three new students in class A. With effect from this year Government sanctioned two additional scholarships for each class to be awarded to students from the scheduled classes. The two scheduled class students who joined during the year were granted scholarship from this new award.

14. The Sind Government sent 6 new scholars and continued stipends to 6 scholars already in the college. The Kashmir Government continued stipends to 5 scholars and awarded an additional scholarship to one student already in the college. The Kotah State continued stipends to their 3 scholars. The States of Jodhapur, Kolhapur, Cambay, Indore and the Governments of H. E. H. the Nizam's Dominions and of the Federated Malay States continued the stipends to their scholars, while Bikaner, Mangrol and Jawhar States each sent one scholar. Thus of the total of 138 students, 42 were stipend holders and 96 private students.

15. *Clinical Instruction.*—This was carried out in the Bai Sakarbai Dinshaw Petit Hospital for Animals as usual. During the year under report, 7,258 animals were treated at the Hospital as against 6,266 last year. Of these 2,587 were In-patients (451 Equines, 661 Bovines and 1,475 Canines) the daily average of patients being 93. Antirabic Vaccine injections were given in the case of 34 dogs.

16. *Laboratory*.—The Laboratory was utilized for diagnostic as well as for instructional purposes as heretofore. Practical demonstrations in the Laboratory methods and technique were given as usual to the senior students. The subjoined table shows the number of specimens received and examined during the year:—

Name of disease.	Positive.	Negative.	Total.
Anthrax ... ..	28	112	140
Anthrax in sheep and goats	1	2	3
Actinomycosis (Bovis) ... ..	...	4	4
Black Quarter ... ..	55	71	126
Fowl Cholera ... ..	...	44	44
Hæmorrhagic Septicæmia ... ..	49	156	205
Hæmorrhagic Septicæmia in sheep and goats	1	12	13
Johne's disease ... ..	...	1	1
Mange (Psoroptic) Equine ... ..	3	9	12
Mange Sarcoptic ... ..	9	33	42
Mange Demodex ... ..	2	23	25
Microfilariasis Bovine ... ..	...	3	3
Microfilariasis Canine ... ..	...	3	3
Nasal Schistosomiasis ... ..	3	4	7
Piroplasmosis Bigeminum ... ..	3	63	66
Piroplasmosis Canis ... ..	1	60	61
Piroplasmosis Equi ... ..	...	1	1
Piroplasmosis Ovis ... ..	...	2	2
Theilaria mutans ... ..	1	...	1
Spirochaeta Anserina ... ..	6	11	17
Strangles ... ..	4	5	9
Surra ... ..	36	441	477
Trypanosomiasis (Bovine) ... ..	5	61	66
Trypanosomiasis (Canine) ... ..	...	5	5
Tuberculosis (Bovine) ... ..	3	4	7
Parasites for identification ... ..	7	...	7
Animal inoculations for diagnosis of disease	20	24	44
Miscellaneous ... ..	5	260	265

Name of disease.	Positive.	Negative.	Total.
<i>Faecal Examinations.</i>			
Ankylostomiasis in Dogs ... ..	320	661	981
Ascaris Equi ... ..	5	46	51
Toxocara Canis ... ..	26	21	47
Toxocara Mystax ... ..	...	1	1
Strongylosis in Cattle ... ..	19	27	46
Strongylosis in sheep and goats ... ..	11	4	15
Strongylosis in Horses ... ..	2	...	2
Oxyuris in Horses ... ..	2	2	4
Distomiasis in Cattle ... ..	...	59	59
Coccidiosis Canine (Isospora) ... ..	10	4	14
Coccidiosis in sheep and goats ... ..	14	2	16
Urine Examinations ... ..	13	...	13
Total ...	664	2,241	2,905

17. *Employment of Graduates.*—All students who graduated during the year, with the exception of two, found employment.

18. *College Buildings.*—The usual current repairs to the buildings were carried out by the Public Works Department. The construction of a new Laboratory at a cost of Rs. 75,663 has received the administrative approval of Government.

19. *The College Hostel and Gymkhana.*—The Hostel was fully occupied and many students had to obtain accommodation outside. The general health of the students throughout the year was good on the whole, and apart from a few cases of Malaria there was no epidemic or serious illness among the students. All sick students were properly attended to by the College Medical Officer who was regular in attendance. Cases requiring nursing, etc., were admitted to King Edward Memorial Hospital.

20. The Gymkhana was fully equipped with sports requisites and all students took an interest in the indoor and outdoor games provided for them. A team of students visited Poona where they played matches against local Colleges there with a fair amount of success. The annual sports this year were held under the Presidentship of Col. S. S. Sokhey, M.A., B.S.C., I.M.S., Director, Haffkine Institute, and prizes were distributed.

21. *Goat Virus Production.*—The work was carried on, on a larger scale and 179,740 doses of goat virus vaccine were supplied in the Districts and to the States and other bodies, as against 147,465 in the previous year. The total number of goats used during the year was 305. The sale proceeds of Vaccine supplied to States and other bodies amounted to Rs. 3,707-8-0 and the sale proceeds of used goats to Rs. 326. These amounts were credited to Government. The total expenditure for the virus production during the year amounted to Rs. 7,072-8-1.

22. *Extra Duties.*—The Principal visited the Punjab Veterinary College while he was on leave during December 1939 in order to gain personal knowledge of the working of that institution in its various branches. He conducted examinations of animal products and other material intended for export and issued certificates in 16 cases. A sum of Rs. 433 was realised in this connection and credited to Government during the year.

### III. INVESTIGATION OF DISEASES.

23. Mr. R. N. Naik continued to hold charge of the office of the Veterinary Investigation Officer throughout the year. He was on leave on average pay from 10th May to 3rd June and during this period no substitute was appointed.

24. He was on tour for 191 days, travelled 2,322 miles by rail and 2,269½ miles by road. He visited 55 villages in 14 districts and also the Public Milk Supply Company's Dairy Farm, Palghar, the Shri Gowshala, Dhulia, the Gilligan Cattle Breeding Farm, Pimple, the Northcote Cattle Farm, Chharodi, the Gowshala, Bombay Gogross Bhiksha Society, Dombivli, the Panjrapole Institutions at Panwel and Nandurbar, the Government Sheep Breeding Farm, Bhamburda, the Central Poultry Farm, Kirkee, and Government House Dairy, Ganeshkhind, Poona.

25. The programme of work allotted to him was carefully followed. It included investigations into the incidence of Tuberculosis and Johne's disease in cattle, mastitis and abortion. An attempt was made to eradicate the disease Nasal Granuloma from a village and the results obtained were promising. Investigations were also conducted on the diseases of sheep and goats and fowls.

#### *Tick Control Scheme.*

26. At the beginning of the year, one dipping tank was operating at Turkewadi in the Belgaum District and one large spraying machine at Kumbhari in the Sholapur District. During the year under report, two more tanks were opened at Benkatti in Bijapur District and Devgiri in Dharwar District, and the second spraying machine was erected at Hosakuli in Kanara District making a total of three tanks and two spraying machines in operation at the end of the year. Two tanks are yet to be constructed and arrangements for their speedy construction have been made and it is hoped to open them this year.



27. Full details of the working of this scheme has been submitted to Government and the Imperial Council of Agricultural Research. The expenditure during the year amounted to Rs. 4,382-14-3.

#### IV. DISEASES OF LIVE STOCK.

28. There was some reduction in the number of out-breaks reported and attended this year, the numbers being 3,265 reported and 3,262 attended compared with 4,095 attended in 1938-39. With the exception of rinderpest and anthrax there were fewer outbreaks of the more important diseases though the greatest reduction is registered under Foot and Mouth disease. In all, 63,975 head of stock were attacked and 20,420 died.

Table I.

##### *Contagious Diseases of Equines.*

29. *Glanders*.—No case of this disease was reported during the year.

30. *Surra*.—Sixty-eight cases were reported of which 34 were confirmed. Seventeen died and one was destroyed. Thirty-nine cases (including incontacts suspected to be suffering from *Surra*) were treated with Naganol of which 1 died.

31. *Other Diseases*.—Eighteen cases of Strangles were reported from Ahmedabad District without mortality. Two deaths from rabies in equines are recorded, one each in Broach and Sholapur districts.

##### *Contagious Diseases of Bovines.*

32. *Rinderpest*.—With the exception of Sholapur district, out-breaks were reported from all districts of the Province and from Bombay City. In 253 outbreaks reported, 1,135 cattle and 1,417 buffaloes died, the greatest mortality being reported from Ratnagiri (337), Bombay City (116), West Khandesh (364), Kolaba (315), East Khandesh (230) and Kanara (163).

33. *Foot and Mouth Disease*.—This disease again appeared in all districts. One thousand and sixty-five outbreaks were reported and 1,062 attended, a reduction of 680 outbreaks attended compared with the number attended during the previous year. In the course of these outbreaks 30,109 cattle and 5,823 buffaloes were attacked and 159 cattle and 70 buffaloes died. Nasik, West Khandesh, East Khandesh, Bijapur and Kanara Districts were most severely affected.

34. *Hæmorrhagic Septicæmia*.—Six hundred and thirty outbreaks of this disease were reported from all districts except Bombay Suburban. A mortality of 1,533 cattle and 2,828 buffaloes was recorded. Belgaum, Dharwar, Satara, Nasik and Ahmednagar were chiefly affected.

35. *Black Quarter*.—Seven hundred and eighty-five outbreaks were attended in all districts except Ahmedabad, Kaira and Kolaba. Four thousand two hundred and thirty-nine cattle and 412 buffaloes are reported to have died of this disease out of 4,481 cattle and 437 buffaloes attacked. The heaviest mortality was reported from Ahmednagar (1,323), Poona (734), Sholapur (502), Satara (476) and Belgaum (282).

36. *Anthrax*.—In one hundred and sixty outbreaks attended by the staff, 1,073 cattle and 330 buffaloes were reported to have been attacked of which 662 cattle and 259 buffaloes died. Ahmedabad, Kaira and Bombay Suburban were the only districts from which this disease was not reported.

37. *Bovine Surra*.—One hundred and eighty-seven cattle and 3 buffaloes are reported to have died from this disease in Kanara and East Khandesh districts.

38. *Other Diseases*.—One hundred and thirty-two cattle and 55 buffaloes are reported to have died under this head during the year.

### *Contagious Diseases of other Animals.*

#### *Sheep and Goats.*

39. *Anthrax*.—Twelve sheep from Satara district and 23 goats from East Khandesh and Ahmednagar districts were reported to have died from Anthrax during the year.

40. *Sheep Pox*.—One thousand and fifty-two sheep were affected with Sheep Pox in Surat, West Khandesh, Satara, Sholapur, Bijapur and Dharwar districts of which 643 were reported to have died.

41. *Goat Pox*.—Seventy deaths were reported from Ahmednagar, West Khandesh, Nasik, Poona, Sholapur, Belgaum and Dharwar districts.

42. *Foot and Mouth Disease*.—There were 223 attacks in sheep and 581 attacks in goats with a mortality of four goats reported from Kaira District.

43. *Scab*.—Forty sheeps and sixty goats died in Bijapur District.

44. *Other Diseases*.—One thousand and forty-two sheep and 357 goats are reported to have died under this head in Poona, Belgaum, Bijapur, Dharwar, Broach, Panch Mahals, Ahmednagar, West Khandesh, Nasik and Satara Districts.

#### *Canines.*

45. Fifty-two deaths from rabies and 25 from other causes were reported.

*Felines.*

46. An extensive outbreak of disease occurred among cats in the Southern Division. It is a popular belief that such outbreaks proceed epidemics of human plague but investigation definitely showed that there was no similarity between the organism isolated from cats affected by this disease and the plague bacillus.

*Diseases of Fowls.*

47. *Doyle's (Ranikhet) Disease.*—Three thousand eight hundred and seventeen deaths were reported from this disease from all districts except Kaira, Surat, Kolaba, Ratnagiri and Bombay City and Suburban districts.

48. *Fowl Cholera.*—Three hundred and three deaths were reported from Kaira, Surat, Ahmednagar, West Khandesh, Poona, Satara, Sholapur, Bijapur and Kolaba districts.

49. *Fowl Pox.*—Three hundred and eleven deaths are recorded from fowl pox in Broach and Panch Mahals, Kaira, Surat, Ahmednagar, Satara, Sholapur, Belgaum, Bijapur, Dharwar and Kanara districts.

50. *Other Diseases.*—There were 16 deaths from other diseases in the Thana, East Khandesh and Bijapur districts.

*Preventive Measures.*

51. *Rinderpest.*—Twenty-six thousand and four hundred animals were protected either by goat adapted virus, the inoculation of anti-rinderpest serum or by a combination of both methods during the course of outbreaks. Of these, one goat treated with anti-serum and 27 cattle treated with virus died. In 190 clean villages, 20,471 cattle and buffaloes were protected with goat virus and in 5 clean villages 74 cattle were inoculated with anti-serum and virus; of these, 3 are reported to have died.

Table II.

52. *Hæmorrhagic Septicæmia.*—In 115 villages, 7,502 cattle and buffaloes were vaccinated prior to the onset of the season. In 382 outbreaks, 2,749 animals were protected by vaccination and 27,103 by the inoculation of anti-serum. One vaccinated bovine and 21 inoculated bovines are reported to have died in these outbreaks. Anti-Hæmorrhagic Septicæmia Serum was also used in outbreaks of Pasteurellosis in sheep and goats and four goats are reported to have died among 131 sheep and goats inoculated.

53. *Black Quarter.*—Two thousand four hundred and sixty-nine cattle and buffaloes were vaccinated in 53 clean villages. No mortality was subsequently reported among these animals. In 511 actual outbreaks, 55,142 animals were vaccinated with a loss of 39.

54. *Anthrax.*—In 21 outbreaks, 1,453 animals were inoculated with anti-anthrax serum and in one outbreak 97 with spore vaccine. Of the former 7 are reported to have died, while among

the unprotected animals 189 are reported to have died during the course of the outbreaks. In 2 clean villages, 134 bovines were protected with spore vaccine.

55. *Fowl Cholera*.—Ninety-eight birds were protected in two outbreaks by Sero-vaccination and in 3 outbreaks 26 were protected with serum alone. In the latter case one bird died. In one clean village 96 birds were protected with serum and vaccine.

56. *Fowl Fox*.—One thousand nine hundred and thirty-three fowls were vaccinated. Of these, 505 were in clean flocks. Thirty vaccinated fowls died during the course of outbreaks.

57. The total number of stock protected during the year is 1,45,954 compared to 1,30,466 in the previous year. Receipts for the protection of stock amounted to Rs. 13,248.

#### V. HOSPITALS AND DISPENSARIES.

58. No new hospital or dispensary having been opened during the year, the number of State-aided Veterinary institutions in the Province remained stationary at 120. The following table shows the number of cases dealt with at these institutions during the year under report compared with the figures of the two previous years :—

Table III.				Cases treated.	Castrations.
Year.					
1939-40	...	...	...	260,440	86,450
1938-39	...	...	...	262,559	87,951
1937-38	...	...	...	241,756	86,539

59. The average daily attendance at these institutions was 21.10, the highest attendances being recorded at Sholapur (72.67), Jalgaon (60.13), Ahmedabad (54.4) and Poona City (50.7).

60. *Buildings*.—During the year, the construction of buildings for Borsad Veterinary Dispensary in Kaira District was completed while buildings for Sindgi and Hubli dispensaries were still under construction. The full grant-in-aid was paid for Borsad dispensary while for Sindgi and Hubli, grants were paid for the completed structures only. The District Local Board, East Khandesh, did not undertake construction of the buildings for Bhusaval dispensary as anticipated.

*Work in Villages.*

61. During the year 13,561 villages were visited by the staff.

Table IV.

In addition to the inoculations and vaccinations performed by them in these villages, they treated 27,563 animals for contagious diseases, 41,739 for non-contagious diseases and castrated 19,883. During the previous year, 12,942 villages were visited 46,366 animals treated for contagious diseases, 33,033 for non-contagious diseases and 14,519 animals were castrated.

*Prevention of Cruelty to Animals.*

62. Four hundred fifty-nine cases were sent to infirmaries by magistrates for treatment, mostly at Sholapur and Ahmednagar and Dholka in Ahmedabad District. Three hundred and sixty-six owners were convicted under the Prevention of Cruelty to Animals Act.

63. The hospitals maintained by the Societies for the Prevention of Cruelty to Animals at Ahmedabad and Poona continued to do good work. Unfortunately, as a result of Government withdrawing the services of the Veterinary Assistant Surgeon lent to the Poona Society for duty with the travelling dispensary from 5th May 1939, this useful institution had to remain more or less idle for the greater part of the year.

## VI. SUBORDINATE STAFF.

64. *Inspectors.*—As in past years, three Veterinary Inspectors were employed in the Province, one each in charge of the Northern, Central and Southern Ranges.

Mr. C. N. Desai was in charge of the Northern Range except for the periods 12th April to 19th June and 22nd February to 31st March. On the former occasion Mr. T. R. Khaladkar was appointed to act for him and during the latter, Mr. J. G. Gokhale, Veterinary Inspector, Central Range, was transferred to the Northern Range and held charge from 22nd February to the end of the year. The three Inspectors were on tour for 212 days, inspected almost all the Veterinary Dispensaries in the Range twice and visited 65 villages in connection with outbreaks and for checking the work of Veterinary Assistant Surgeons. They also visited 5 Panjrapoles.

*Central Range.*—Mr. J. G. Gokhale held the charge of the office of the Veterinary Inspector, Central Range, throughout the year except for a period of one month and 17 days when he was transferred to Northern Range, and Mr. G. V. Sovani, Veterinary Assistant Surgeon, Ahmednagar, held charge of the Range temporarily in addition to his own duties without touring. Mr. Gokhale was on tour for 174 days, inspected all the Veterinary

Dispensaries in the Range twice excepting those in the Nasik and Sholapur districts which were inspected once only. He also visited 34 villages for checking the work of Veterinary Assistant Surgeons and paid visits to 3 Panjrapoles and 4 cattle markets.

*Southern Range.*—Mr. G. V. Dadhe held charge of the Range from 1st April 1939 to 25th March 1940 when he was transferred to the Central Range. Mr. E. R. Kulkarni held charge from 26th March 1940 to the end of the year. Mr. Dadhe was on tour for 252 days and visited 166 villages either for attending outbreaks, checking the work of Veterinary Assistant Surgeons on tour or for propaganda purposes. He inspected the majority of the Veterinary Dispensaries in the Range twice. He also inspected 14 Breeding Bulls and visited Government Agricultural and Cattle Breeding and Poultry Farms. He paid visits to Panjrapoles at Hubli, Gadag and Karad and attended cattle fairs and shows at three places.

65. *Veterinary Assistant Surgeons.*—At the end of 1938-39, 132 Veterinary Assistant Surgeons were employed, of which one was engaged at the Goat Virus Producing Depot. There were 7 vacancies. During the year under report, 1 Veterinary Assistant Surgeon was seconded for duty with the Agricultural Department, 2 died and one retired. Eight new men were recruited and one reverted from the Tick Control Scheme. There were therefore 136 employed in district work, one attached to the Goat Virus Depot and one vacancy at the close of the year.

#### VII. COST OF THE DEPARTMENT.

66. The total cost incurred on the Department during the year under report was Rs. 5,61,651-14-1 of which the sum of Rs. 4,40,489-4-1 was met from Provincial Revenues and Rs. 1,21,162-10-0 from Local Funds. Rs. 8,300 were contributed by the Imperial Council of Agricultural Research in connection with the appointment of the Veterinary Investigation Officer and Rs. 2,530 for the Tick Control Scheme. Rs. 14,749 were contributed by the Central Government in connection with the administration of the Live Stock Importation Act.

#### VIII. GENERAL REMARKS.

67. There was some reduction in the number of cases treated at hospitals and dispensaries, due to normal fluctuation. The greatest decrease was in the Central Division. An increase is shown in the number of castrations performed in villages as a result of an increased grant for travelling allowance sanctioned by Government for this purpose. I regret that I am not able to report any increase in the number of these useful institutions during the year. Several District Local Boards are anxious to open more dispensaries but Government were unable to make provision for the additional staff and grants-in-aid required.

Rinderpest has been showing a gradual decline in recent years but this year there has been a small increase in the number of outbreaks reported and attended and consequent increased mortality. The whole of the Province has suffered to some extent with the exception of Sholapur District. We can expect a gradual increase in the incidence of this disease in future years.

Foot and Mouth disease was not so prevalent as in the previous year though it showed a tendency to spread more widely towards the end of the year.

The increase in the number of animals protected is mainly under Black Quarter though under Rinderpest an increase of a little over 1,000 protected is recorded. The District Local Board, Ahmednagar resolved to pay fees for the protection of stock owned by ryots in that district and a considerable increase in the number of animals treated with Black Quarter Vaccine resulted. The fees from all sources showed the phenomenal increase of nearly Rs. 6,000.

With the close of the year, the old curriculum of the Bombay Veterinary College has been abandoned and a new curriculum will be introduced during the current year. This has necessitated a change in the standard of admission and instead of Matriculates only holders of the Inter-Science (B. group) certificate will be admitted to the College. The new curriculum introduces a great advance in Veterinary education in this Province.

The work of the Department continues to expand and great difficulty is experienced in meeting demands made on us from time to time. There is, in particular, a lack of supervising staff and it is essential that this be made good if progress is to be made. Proposals in this direction have received the administrative approval of Government but for financial reasons, it was not possible to make any further appointments.

All members of the staff have worked well. Sanction was accorded during the year to the appointment of one clerk and an additional peon in each of the offices of the Veterinary Inspectors and also of an additional clerk in the head office. The clerical staff has also worked well and unselfishly.

My thanks are due to all those, officials and non-officials, who have assisted the Department in carrying out its duties, particularly to officers of the Revenue Department who have always shown their willingness to assist.

#### PROGRAMME OF WORK.

68. The energies of the Department will be directed towards investigation into the causation and application of preventive and curative treatment of the diseases of livestock and the training of men desirous of taking to the Veterinary Profession as a livelihood.

E. S. FARBROTHER,  
Director of Veterinary Services,  
Bombay Province.





## ANNUAL ADMINISTRATION REPORT OF THE BOMBAY CITY AND HARBOUR VETERINARY DEPARTMENT FOR THE YEAR 1939-40.

The Report deals with the Equine diseases scheduled under the Glanders and Farcy Act within the Town and Island of Bombay, Bandra Municipality and Bombay Harbour and with the work connected with the Live Stock Importation Act.

2. *The Staff.*—I held charge of the office of the Government Veterinary Officer throughout the year with the exception of 17 days in December when I was on leave. Mr. K. B. Nair, Assistant Professor at the Bombay Veterinary College officiated for me during the period. Mr. J. G. Kulkarni, who was officiating as Deputy Superintendent, was confirmed in the post in December 1939. He held charge of his appointment throughout the year. The Subordinate Staff remained unchanged and continued throughout the year.

3. The inspection of City stabled horses for the detection of diseased cases under the Glanders and Farcy Act, was carried out as usual by the staff as a routine measure. During the year, 2 suspicious cases of Glanders and 1 confirmed case of Surra were detected and removed to the Government Lazaretto. The 2 suspicious cases were subjected to mallein test but the test proved negative and so they were discharged. The case of Surra was destroyed as it was in the last stage. There were no confirmed cases of Glanders, Farcy or Epizootic Lymphangitis.

4. *Importation of Horses.*—During the year, 923 horses were imported into Bombay from various ports as shown below, as against 1,457 horses and 2 asses, last year and 2,046 horses and 2 asses, in the preceeding year.

Name of the Port.				Horses.
Australian Ports	...	...	...	374
English Ports	...	...	...	238
Mediterranean Sea Ports	...	...	...	6
Persian Gulf Ports	...	...	...	236
Indian Ports	...	...	...	69
			Total	923

5. Of these, 609 were accompanied with valied certificates to the effect that they were free from symptoms of any disease. Two hundred and forty-eight horses were tested with mallein under the Live Stock Importation Act either at the Dealers' stables or at the Lazaretto. All were found to be free from disease.

6. Of the 274 Arab horses imported from various ports, 175 were for private owners and 99 for the ordinary Bombay market. The Australian imports were mainly for the requirements of the Military Department. Besides these, 245 Indian bred horses were brought into Bombay from Punjab and United Provinces, for sale.

7. *The Buildings.*—The ordinary current repairs to the Lazaretto buildings were carried out by the Public Works Department as usual. The construction of a Quarantine Station by the Central Government is under contemplation.

M. MOHEY DEEN,

Principal,

Bombay Veterinary College and  
Government Veterinary Officer,  
Bombay City and Harbour.

*[The following text is extremely faint and largely illegible, appearing to be a continuation of a report or a list of statistics.]*

TABLE I

Statistics of Mortality from Contagious Diseases and other causes

Year	Males	Females	Total	Deaths	
				From Contagious Diseases	From other causes
1870					
1871					
1872					
1873					
1874					
1875					
1876					
1877					
1878					
1879					
1880					
1881					
1882					
1883					
1884					
1885					
1886					
1887					
1888					
1889					
1890					
Total for 1870-90					
Total for 1870-90					

TABLE I

*Statistics of Mortality from Contagious diseases and other causes*

Name of District	Equines						Total	Other causes
	Glanders	Surra	Dourine	Anthrax	Other contagious and parasitic diseases			
1	2	3	4	5	6	7	8	
Ahmedabad	...	...	...	...	...	...	...	
Broach and Panch Mahals	...	...	...	...	1	...	...	
Kaira	...	...	...	...	...	...	...	
Surat	...	1	...	...	...	1	...	
Thana	...	1	...	...	...	1	...	
Ahmednagar	...	...	...	...	...	...	...	
East Khandesh	...	...	...	...	...	...	...	
West Khandesh	...	10	...	...	...	10	...	
Nasik	...	2	...	...	...	2	...	
Poona	...	...	...	...	...	...	...	
Satara	...	...	...	...	...	...	...	
Sholapur	...	...	...	...	1	1	...	
Belgaum	...	...	...	...	...	...	...	
Bijapur	...	...	...	...	...	...	...	
Dharwar	...	...	...	...	...	...	...	
Kanara	...	...	...	...	...	...	...	
Kolaba	...	3	...	...	...	3	...	
Rajnagiri	...	...	...	...	...	...	...	
Bombay Suburban District	...	...	...	...	...	...	...	
Bombay City	...	1	...	...	...	1	...	
Total	...	18	...	...	2	20	...	
Total for 1938-39	1	64	...	2	15	82	...	
Total for 1937-38	1	58	...	2	4	65	...	

I.

among Live-stock in the Province of Bombay during the year 1939-40.

Cattle								
Binderpest	Hæmorrhagic Septicæmia	Foot and Mouth Disease	Black Quarter	Anthrax	Surra	Other contagious and parasitic diseases	Total	Other Causes
9	10	11	12	13	14	15	16	17
49	17	2	...	...	...	...	68	...
49	52	1	35	5	...	...	142	...
.....	52	1	...	...	...	...	53	...
19	30	1	9	1	...	...	43	...
82	97	.....	9	31	...	2	221	...
121	193	.....	1,206	48	...	19	1,587	...
51	24	62	10	2	6	5	160	...
160	80	11	36	8	...	...	295	...
17	269	32	394	32	...	1	635	...
78	18	1	706	...	...	...	803	...
13	132	.....	425	5	...	1	576	...
.....	66	.....	490	11	...	...	567	...
35	139	.....	234	35	...	14	458	...
1	52	25	427	5	...	6	516	...
67	157	.....	322	77	...	15	638	...
51	88	28	15	230	181	57	650	...
124	37	.....	...	19	...	...	180	...
217	40	4	31	152	...	12	446	...
8	.....	.....	...	...	...	...	8	...
.....	.....	1	...	...	...	...	1	...
1,135	1,533	159	4,239	662	187	132	8,047	...
862	1,562	302	4,475	709	139	141	8,290	...
2,292	1,417	73	970	523	12	268	5,555	...

TABLE

Name of District 1	Buffaloes						
	Rinderpest 18	Hæmorrhagic Septicæmia 19	Foot and Mouth Disease 20	Black Quarter 21	Anthrax 22	Surra 23	Other contagious and parasitic diseases 24
Ahmedabad ...	111	96	...	...	...	...	...
Broach and Panch Mahals ...	41	129	...	2	2	...	...
Kaira ...	...	17	...	...	...	...	...
Surat ...	17	100	...	6	3	...	...
Thana ...	59	68	...	...	20	...	...
Ahmednagar ...	34	58	1	117	6	...	10
East Khandesh ...	179	83	10	7	...	...	2
West Khandesh ...	204	134	6	5	3	...	2
Nasik ...	1	113	1	14	17	...	1
Poona ...	57	30	...	23	...	...	1
Satara ...	13	457	...	51	8	...	5
Sholapur ...	...	39	1	12	3	...	2
Belgaum ...	46	648	...	48	4	...	6
Bijapur ...	1	108	4	40	2	...	2
Dharwar ...	66	516	...	77	45	...	8
Kanara ...	112	26	47	5	104	3	9
Kolaba ...	191	130	...	...	7	...	...
Ratnagiri ...	120	75	...	...	25	...	2
Bombay Suburban District ...	49	...	...	...	...	...	5
Bombay City ...	116	...	...	...	...	...	...
Total ...	1,417	2,828	70	419	259	3	55
Total for 1938-39 ...	1,019	3,886	53	381	175	12	64
Total for 1937-38 ...	2,253	3,397	19	128	175	2	21

I—contd.

		Sheep							
Total	Other Causes	Anthrax	Sheep Pox	Pleuro Pneumonia.	Foot and Mouth Disease	Scab	Other contagious and Parasitic Diseases	Total	Other Causes
25	26	27	28	29	30	31	32	33	34
207	...	...	...	...	...	...	...	...	...
174	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...
126	...	...	183	154	...	...	...	337	...
156	...	...	...	...	...	...	...	...	...
226	...	...	...	...	...	...	545	546	...
281	...	...	...	...	...	...	...	...	...
354	...	...	...	...	...	...	...	...	...
147	...	...	...	...	...	...	...	...	...
116	...	...	...	10	...	...	234	244	...
534	...	12	300	...	...	...	...	312	...
57	...	...	130	...	...	...	...	130	...
752	...	...	...	...	...	...	1	1	...
157	...	...	24	...	...	40	27	91	...
712	...	...	6	...	...	...	71	77	...
306	...	...	...	...	...	...	...	...	...
328	...	...	...	...	...	...	...	...	...
224	...	...	...	...	...	...	...	...	...
54	...	...	...	...	...	...	...	...	...
116	...	...	...	...	...	...	...	...	...
5,044	...	12	643	164	...	40	878	1,737	...
5,589	...	232	74	...	10	...	1,055	1,371	...
5,095	...	286	45	...	...	...	742	1,073	...

TABLE

Name of District	Goats							Total	Other Causes
	Anthrax.	Goat Pox	Pleuro Pneumonia	Foot and Mouth Disease	Scab	Other contagious and parasitic Diseases			
1	35	36	37	38	39	40	41	42	
Ahmedabad	...	...	...	...	...	...	...	...	
Broach and Panch Mahals	...	...	...	...	...	4	4	...	
Kaira	...	...	...	4	...	...	4	...	
Surat	...	...	8	...	...	...	8	...	
Thana	...	...	...	...	...	...	...	...	
Ahmednagar	4	10	...	...	...	79	93	...	
East Khandesh	19	...	...	...	...	...	19	...	
West Khandesh	...	2	...	...	...	30	32	...	
Nasik	...	3	...	...	...	13	15	...	
Poona	...	37	...	...	...	168	205	...	
Satara	...	...	...	...	...	17	17	...	
Sholapur	...	2	...	...	...	...	2	...	
Belgaum	...	1	...	...	...	16	17	...	
Bijapur	...	...	...	...	60	6	66	...	
Dharwar	...	15	...	...	...	17	32	...	
Kanara	...	...	...	...	...	...	...	...	
Kolaba	...	...	...	...	...	...	...	...	
Ratnagiri	...	...	...	...	...	...	...	...	
Bombay Suburban District	...	...	...	...	...	...	...	...	
Bombay City	...	...	...	...	...	...	...	...	
Total	23	70	8	4	60	349	514	...	
Total for 1938-39	215	81	...	57	...	568	921	...	
Total for 1937-38	197	20	18	3	...	273	510	...	



I—contd.

Dogs				Camels					
Rabies	Other contagious and parasitic Diseases.	Total	Other Causes	Surra	Mange	Pleuro Pneumonia	Other Diseases	Total	Other Causes
43	44	45	46	47	48	49	50	51	52
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
3	...	3	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
3	...	3	...	...	...	...	...	...	...
1	...	1	...	...	...	...	...	...	...
1	...	1	...	...	...	...	...	...	...
8	...	8	...	...	...	...	...	...	...
25	...	25	...	...	...	...	...	...	...
2	...	2	...	...	...	...	...	...	...
1	...	1	...	...	...	...	...	...	...
4	3	7	...	...	...	...	...	...	...
1	22	23	...	...	...	...	...	...	...
3	...	3	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
52	25	77	...	...	...	...	...	...	...
52	23	75	...	...	...	...	1	1	...
73	...	73	...	...	...	...	...	...	...

TABLE

Name of District 1	Cats				Other causes 57
	Pasteurellosis in Cats 53	Epizootic Enteritis in cats 54	Feline typhoid 55	Total 56	
Ahmedabad	.....	.....	.....	.....	.....
Broach and Panch Mahals	.....	.....	.....	.....	.....
Kaira	.....	.....	.....	.....	.....
Surat	.....	.....	.....	.....	.....
Thana	.....	.....	.....	.....	.....
Ahmednagar	.....	.....	.....	.....	.....
East Khandesh	.....	.....	.....	.....	.....
West Khandesh	.....	.....	.....	.....	.....
Nasik	.....	.....	.....	.....	.....
Poona	.....	.....	.....	.....	.....
Satara	.....	.....	.....	.....	.....
Sholapur	.....	.....	.....	.....	.....
Belgaum	.....	.....	.....	.....	.....
Bijapur	297	149	.....	446	.....
Dharwar	28	.....	60	88	.....
Kanara	.....	.....	.....	.....	.....
Kolaba	.....	.....	.....	.....	.....
Ratnagiri	.....	.....	.....	.....	.....
Bombay Suburban District	.....	.....	.....	.....	.....
Bombay City	.....	.....	.....	.....	.....
Total	325	149	60	534	.....
Total for 1938-39	.....	.....	.....	.....	.....
Total for 1937-38	.....	.....	.....	.....	.....

## I—concl'd.

Fowls						All Animals.	
Fowl Cholera	Ranikhet	Fowl Pox	Other Diseases	Total	Other Causes	Total (Contagious disease).	Total Other causes.
53	54	55	56	57	58	59	60
...	51	...	...	51	...	333	...
...	1	11	...	12	...	333	...
9	...	63	...	72	...	149	...
5	...	25	...	30	...	545	...
...	10	...	2	12	...	390	...
46	645	118	...	809	...	3,263	...
...	82	...	6	88	...	549	...
3	7	...	...	10	...	702	...
...	36	...	...	36	...	842	...
28	646	...	...	674	...	2,067	...
134	309	14	...	467	...	1,898	...
29	178	1	...	208	...	966	...
...	632	56	...	688	...	1,923	...
22	375	4	8	410	...	1,710	...
...	366	1	...	367	...	1,917	...
...	479	13	...	497	...	1,453	...
26	...	...	...	26	...	537	...
...	...	...	...	...	...	670	...
...	...	...	...	...	...	62	...
...	...	...	...	...	...	118	...
303	3,817	311	16	4,447	...	20,420	...
460	5,024	32	128	5,644	...	31,973	...
789	3,920	199	234	5,142	...	18,413	...

## Summary of results of Preventive Inoculation in the

District.	Name of disease against which inoculation was undertaken.	Method of inoculation.	Source of Product.	Number of outbreaks in which inoculation was undertaken.
1	2	3	4	5
<i>Infected Villages.</i>				
Ahmedabad	Rinderpest	Serum alone	Imperial Research Institute, Mukteswar.	1
Thana	Do.	Do.	Do.	6
Ahmednagar	Do.	Do.	Do.	2
East Khandesh	Do.	Do.	Do.	1
Poona	Do.	Do.	Do.	3
Belgaum	Do.	Do.	Do.	1
Ratnagiri	Do.	Do.	Do.	3
Total				17
<i>Clean Villages.</i>				
Thana	Rinderpest	Serum alone	Imperial Research Institute, Mukteswar.	2
Total				2
<i>Infected Villages.</i>				
Ahmedabad	Rinderpest	Goat Virus Vaccination.	Bombay College.	8
Brouch and Panch Mahals.	Do.	Do.	Do.	11
Surat	Do.	Do.	Do.	5
Carried over				24

## II.

## Bombay Province during the year 1939-40.

Number of villages affected in these outbreaks.	Bovine population of affected villages.	Number of animals which died un inoculated in course of outbreaks.			Number of animals inoculated.			Number of inoculated animals which died of the disease.			Remarks
		Bovines	Equines	Others	Bovines	Equines	Others	Bovines	Equines	Others	
6	7	8	9	10	11	12	13	14	15	16	17
1	150	1	...	...	90	...	...	...	...	...	
6	1,050	23	...	...	350	...	...	...	...	...	
2	1,440*	...	...	434	...	...	174	...	...	...	
1	1,400	3	...	...	1	...	...	...	...	...	
3	242 900*	6	...	953	90	...	356	...	...	...	
1	150*	...	...	12	...	...	133	...	...	1	
3	760	3	...	...	92	...	...	...	...	...	
17	3,692 2,460*	36	...	699	483	...	653*	...	...	1	*Sheep and goats.
.....	22	...	...	...	5	...	...	...	...	...	
.....	22	...	...	...	6	...	...	...	...	...	
8	4,050	159	...	...	568	...	...	2	...	...	
11	4,510	68	...	...	2,763	...	...	1	...	...	
6	2,300	31	...	...	656	...	...	...	...	...	
24	10,860	251	...	...	4,017	...	...	3	...	...	

TABLE

District.	Name of disease against which inoculation was undertaken.	Method of inoculation.	Source of product.	Number of outbreaks in which inoculation was undertaken.
1	2	3	4	5
			Brought forward ...	24
<i>Infected Villages—contd.</i>				
Thana ...	Rinderpest ...	Goat Virus Vaccination.	Bombay Veterinary College.	7
Ahmednagar ...	Do. ...	Do. ...	Do. ...	20
East Khandesh ...	Do. ...	Do. ...	Do. ...	23
West Khandesh ...	Do. ...	Do. ...	Do. ...	20
Nasik ...	Do. ...	Do. ...	Do. ...	9
Poona ...	Do. ...	Do. ...	Do. ...	20
Satara ...	Do. ...	Do. ...	Do. ...	6
Belgaum ...	Do. ...	Do. ...	Do. ...	9
Bijapur ...	Do. ...	Do. ...	Do. ...	1
Dharwar ...	Do. ...	Do. ...	Do. ...	8
Kanara ...	Do. ...	Do. ...	Do. ...	2
Kolaba ...	Do. ...	Do. ...	Do. ...	23
Ratnagiri ...	Do. ...	Do. ...	Do. ...	14
			Total ...	185

## II—contd.

Number of villages affected in these outbreaks.	Bovine population of affected villages.	Number of animals which died un inoculated in course of outbreaks.			Number of animals inoculated.			Number of inoculated animals which died of the disease.			Remarks
		Bovines	Equines	Others	Bovines	Equines	Others	Bovines	Equines	Others	
6	7	8	9	10	11	12	13	14	15	16	17
24	10,860	251	...	...	4,017	...	...	3	...	...	
7	1,541	12	...	...	499	...	...	1	...	...	
20	13,300	144	...	...	3,126	...	...	...	...	...	
22	4,750	209	...	...	3,503	...	...	1	...	...	
20	12,429	233	...	...	3,470	...	...	2	...	...	
9	4,200	19	...	...	1,599	...	...	...	...	...	
20	7,294	103	...	7	3,012	...	...	1	...	...	
6	4,616	39	...	...	376	...	...	...	...	...	
9	6,508	71	...	...	1,126	...	...	1	...	...	
1	700	11	...	...	93	...	...	...	...	...	
8	3,350	70	...	...	585	...	...	...	...	...	
2	2,471	78	...	...	219	...	...	2	...	...	
23	5,300	227	...	...	2,320	...	...	14	...	...	
14	8,100	147	...	...	639	...	...	2	...	...	
185	85,419	1,619	...	7	24,434	...	...	27	...	...	

TABLE

District.	Name of disease against which inoculation was undertaken.	Method of inoculation.	Source of product.	Number of outbreaks in which inoculation was undertaken.
1	2	3	4	5
<i>Clean Villages.</i>				
Ahmedabad	... Rinderpest ...	Goat Virus Vaccination.	Bombay Veterinary College.	9
Broach and Mahals.	Panch Do. ...	Do. ...	Do. ...	23
Kaira	... Do. ...	Do. ...	Do. ...	2
Surat	... Do. ...	Do. ...	Do. ...	3
Thana	... Do. ...	Do. ...	Do. ...	8
Ahmednagar	... Do. ...	Do. ...	Do. ...	4
East Khandesh	... Do. ...	Do. ...	Do. ...	46
West Khandesh	... Do. ...	Do. ...	Do. ...	14
Nasik	... Do. ...	Do. ...	Do. ...	10
Poona	... Do. ...	Do. ...	Do. ...	7
Satara	... Do. ...	Do. ...	Do. ...	20
Sholapur	... Do. ...	Do. ...	Do. ...	4
Belgaum	... Do. ...	Do. ...	Do. ...	4
Bijapur	... Do. ...	Do. ...	Do. ...	1
Dharwar	... Do. ...	Do. ...	Do. ...	5
Kanara	... Do. ...	Do. ...	Do. ...	16
Kolaba	... Do. ...	Do. ...	Do. ...	8
Ratnagiri	... Do. ...	Do. ...	Do. ...	6
Total ...				190



## II—contd.

Number of villages affected in these outbreaks.	Bovine population of affected villages.	Number of animals which died un inoculated in course of outbreaks.			Number of animals inoculated.			Number of inoculated animals which died of the disease.			Remarks
		Bovines	Equines	Others	Bovines	Equines	Others	Bovines	Equines	Others	
6	7	8	9	10	11	12	13	14	15	16	17
.....	1,500	...	...	...	535	...	...	...	...	...	
.....	7,675	...	...	...	2,355	...	...	...	...	...	
.....	410	...	...	...	350	...	...	...	...	...	
.....	1,500	...	...	...	466	...	...	...	...	...	
.....	1,032	...	...	...	351	...	...	...	...	...	
.....	2,831	...	...	...	920	...	...	...	...	...	
.....	35,100	...	...	...	6,560	...	...	...	...	...	
.....	7,844	...	...	...	1,713	...	...	...	...	...	
.....	7,600	...	...	...	1,216	...	...	...	...	...	
.....	12,411	...	...	...	761	...	...	...	...	...	
.....	14,500	...	...	...	1,018	...	...	...	...	...	
.....	1,830	...	...	...	106	...	...	...	...	...	
.....	3,200	...	...	...	539	...	...	...	...	...	
.....	1,346	...	...	...	205	...	...	...	...	...	
.....	4,900	...	...	...	1,493	...	...	...	...	...	
.....	4,325	...	...	...	377	...	...	...	...	...	
.....	2,300	...	...	...	1,336	...	...	3	...	...	
.....	2,000	...	...	...	166	...	...	...	...	...	
.....	112,404	...	...	...	20,471	...	...	3	...	...	

TABLE

District.	Name of disease against which inoculation was undertaken.	Method of inoculation.	Source of product.	Number of outbreaks in which inoculation was undertaken.
1	2	3	4	5
<i>Infected Villages.</i>				
Thana	... Rinderpest ...	Sero-Vaccination.	Imperial Veterinary Research Institute, Mukteswar.	3
Poona	... Do. ...	Do. ...	Do. ...	2
Batnagiri	... Do. ...	Do. ...	Do. ...	8
Total ...				13
<i>Clean Villages</i>				
Kaira	... Rinderpest ...	Sero-Vaccination.	Imperial Veterinary Research Institute, Mukteswar.	1
Thana	... Do. ...	Do. ...	Do. ...	2
Sholapur	... Do. ...	Do. ...	Do. ...	1
Batnagiri	... Do. ...	Do. ...	Do. ...	1
Total ...				5

## II—contd.

Number of villages affected in these outbreaks.	Bovine population of affected villages.	Number of animals which died uninoculated in course of outbreaks.			Number of animals inoculated			Number of inoculated animals which died of the disease.			Remarks.
		Bovines	Equines	Others	Bovines	Equines	Others	Bovines	Equines	Others	
6	7	8	9	10	11	12	13	14	15	16	17
3	707	30	...	...	627	...	...	...	...	...	
9	242	...	...	...	63	...	...	...	...	...	
8	4,950	...	...	...	80	...	...	...	...	...	
13	5,899	30	...	...	770	...	...	...	...	...	
.....	310	...	...	...	40	...	...	...	...	...	
.....	22	...	...	...	22	...	...	...	...	...	
.....	7	...	...	...	7	...	...	...	...	...	
.....	300	...	...	...	5	...	...	...	...	...	
.....	699	...	...	...	74	...	...	...	...	...	

TABLE

District.	Name of disease against which inoculation was undertaken.	Method of inoculation.	Source of product.	Number of outbreaks in which inoculation was undertaken.
1	2	3	4	5
<i>Infected Villages.</i>				
Ahmedabad	Hemorrhagic Septicemia.	Serum alone	Imperial Research Mukteswar. Veterinary Institute.	3
Broach and Panch Mahals.	Do.	Do.	Do.	6
Kaira	Do.	Do.	Do.	1
Surat	Do.	Do.	Do.	14
Thana	Do.	Do.	Do.	19
Ahmednager	Do.	Do.	Do.	15
East Khandesh	Do.	Do.	Do.	4
West Khandesh	Do.	Do.	Do.	9
Nasik	Do.	Do.	Do.	17
Poona	Do.	Do.	Do.	7
Satara	Do.	Do.	Do.	39
Sholapur	Do.	Do.	Do.	12
Belgaum	Do.	Do.	Do.	87
Bijapur	Do.	Do.	Do.	10
Dharwar	Do.	Do.	Do.	64
Kanara	Do.	Do.	Do.	7
Kolaba	Do.	Do.	Do.	15
Ratnagiri	Do.	Do.	Do.	13
Total				342

## II—contd.

Number of villages affected in these outbreaks.	Bovine population of affected villages.	Number of animals which died uninoculated in course of outbreaks.			Number of animals inoculated.			Number of inoculated animals which died of the disease.			Remarks.
		Bovines	Equines	Others	Bovines	Equines	Others	Bovines	Equines	Others	
6	7	8	9	10	11	12	13	14	15	16	17
3	900	11	...	...	103	...	...	...	...	...	
6	3,290	61	...	...	175	...	...	...	...	...	
1	104	8	...	...	90	...	...	...	...	...	
14	7,850	74	...	...	1,116	...	...	1	...	...	
19	5,325	90	...	...	929	...	...	1	...	...	
15	6,941 59*	177	...	2	1,978	...	59*	...	...	...	
4	1,210	90	...	...	123	...	...	...	...	...	
9	2,706	72	...	...	576	...	...	1	...	...	
17	10,300	222	...	...	565	...	...	...	...	...	
7	3,086	39	...	...	435	...	...	...	...	...	
39	38,100	403	...	...	2,847	...	...	2	...	...	
12	6,300	72	...	...	1,268	...	...	...	...	...	
87	70,450	625	...	...	8,983	...	...	14	...	...	
10	8,920 32*	152	...	6	1,365	...	32*	2	...	...	
64	48,060 40*	481	...	11	4,803	...	40*	...	...	4	
7	1,231	37	...	...	313	...	...	...	...	...	
15	3,411	53	...	...	547	...	...	...	...	...	
13	3,650	93	...	...	857	...	...	...	...	...	
242	2,21,734 181*	2,590	...	19	27,108	...	131*	21	...	4	* Sheep & Goats.

TABLE

District.	Name of disease against which inoculation was undertaken.	Method of inoculation.	Source of product.	Number of outbreaks in which inoculation was undertaken.
1	2	3	4	5
<i>Clean Villages.</i>				
Thana	... Hæmorrhagic Septicæmia.	Serum alone	... Imperial Veterinary Research Institute, Mukteswar.	2
Kanara	... Do.	... Do.	... Do.	3
Total ...				5
<i>Infected Villages.</i>				
Broach and Mahals.	Panch Hæmorrhagic Septicæmia.	Vaccination	... Imperial Veterinary Research Institute, Mukteswar.	1
Surat	... Do.	... Do.	... Do.	5
Thana	... Do.	... Do.	... Do.	2
Ahmednagar	... Do.	... Do.	... Do.	2
West Khandesh	... Do.	... Do.	... Do.	1
Nasik	... Do.	... Do.	... Do.	3
Satara	... Do.	... Do.	... Do.	6
Sholapur	... Do.	... Do.	... Do.	2
Dharwar	... Do.	... Do.	... Do.	9
Total ...				31

## II—contd.

Number of villages affected in these outbreaks.	Bovine population of affected villages.	Number of animals which died uninoculated in course of outbreaks.			Number of animals inoculated.			Number of inoculated animals which died of the disease.			Remarks.
		Bovines	Equines	Others	Bovines	Equines	Others	Bovines	Equines	Others	
6	7	8	9	10	11	12	13	14	15	16	17
.....	325	...	...	...	41	...	...	...	...	...	...
.....	37	...	...	...	29	...	...	...	...	...	...
.....	362	...	...	...	70	...	...	...	...	...	...
1	100	12	...	...	18	...	...	...	...	...	...
5	3,525	30	...	...	202	...	...	1	...	...	...
2	300	2	...	...	42	...	...	...	...	...	...
2	635	3	...	...	144	...	...	...	...	...	...
1	1,026	9	...	...	97	...	...	...	...	...	...
3	3,050	59	...	...	215	...	...	...	...	...	...
6	5,100	25	...	...	318	...	...	...	...	...	...
2	1,300	17	...	...	605	...	...	...	...	...	...
9	3,400	25	...	...	591	...	...	...	...	...	...
31	18,486	182	...	...	2,222	...	...	1	...	...	...

TABLE

District.	Name of disease against which inoculation was undertaken.	Method of inoculation.	Source of product.	Number of outbreaks in which inoculation was undertaken.
1	2	3	4	5
<i>Infected Villages.</i>				
Kaira	... Hemorrhagic Septicæmia.	Vaccination	... Mysore Serum Institute, Bangalore.	1
Broach and Mahals.	... Do. ...	Do.	... Do. ...	2
Dharwar	... Do. ...	Do.	... Do. ...	3
Ahmednagar	... Do. ...	Do.	... Do. ...	1
Thana	... Do. ...	Do.	... Do. ...	2
			Total ...	9
			Grand Total of Hemorrhagic Septicæmia (Infected V).	40
<i>Clean Villages.</i>				
Ahmedabad	... Hemorrhagic Septicæmia.	Vaccination	... Imperial Veterinary Research Institute, Mukteswar.	6
Broach and Mahals.	... Do. ...	Do.	... Do. ...	23
Kaira	... Do. ...	Do.	... Do. ...	24
Surat	... Do. ...	Do.	... Do. ...	12
Thana	... Do. ...	Do.	... Do. ...	12
East Khandesh	... Do. ...	Do.	... Do. ...	2
West Khandesh	... Do. ...	Do.	... Do. ...	3
Nasik	... Do. ...	Do.	... Do. ...	3
Satara	... Do. ...	Do.	... Do. ...	9
Sholapur	... Do. ...	Do.	... Do. ...	1
Belgaum	... Do. ...	Do.	... Do. ...	2
Bijapur	... Do. ...	Do.	... Do. ...	6
Dharwar	... Do. ...	Do.	... Do. ...	7
Kanara	... Do. ...	Do.	... Do. ...	4
			Total ...	113
<i>Clean Village.</i>				
Dharwar	... Hemorrhagic Septicæmia.	Vaccination	... Mysore Serum Institute, Bangalore.	2
			Total ...	2
			Grand Total of Hemorrhagic Septicæmia (Clean Villages).	115



## II—contd.

Number of villages affected in these outbreaks.	Bovine population of affected villages.	Number of animals which died uninoculated in course of outbreaks.			Number of animals inoculated.			Number of inoculated animals which died of the disease.			Remarks.
		Bovines.	Equines.	Others.	Bovines.	Equines.	Others.	Bovines.	Equines.	Others.	
6	7	8	9	10	11	12	13	14	15	16	17
1	800	2	...	...	111	...	...	...	...	...	
2	1,100	24	...	...	137	...	...	...	...	...	
3	3,000	25	...	...	109	...	...	...	...	...	
1	135	11	...	...	21	...	...	...	...	...	
2	365	6	...	...	139	...	...	...	...	...	
9	5,400	68	...	...	517	...	...	...	...	...	
40	23,836	250	...	...	2,749	...	...	1	...	...	
.....	2,784	...	...	...	737	...	...	...	...	...	
.....	11,137	...	...	...	516	...	...	...	...	...	
.....	25,300	...	...	...	2,239	...	...	...	...	...	
.....	5,406	...	...	...	900	...	...	...	...	...	
.....	2,225	...	...	...	943	...	...	...	...	...	
.....	399	...	...	...	264	...	...	...	...	...	
.....	1,200	...	...	...	53	...	...	...	...	...	
.....	2,850	...	...	...	183	...	...	...	...	...	
.....	8,700	...	...	...	267	...	...	...	...	...	
.....	300	...	...	...	86	...	...	...	...	...	
.....	2,000	...	...	...	120	...	...	...	...	...	
.....	4,400	...	...	...	504	...	...	...	...	...	
.....	4,700	...	...	...	500	...	...	...	...	...	
.....	210	...	...	...	73	...	...	...	...	...	
.....	71,511	...	...	...	7,385	...	...	...	...	...	
.....	1,600	...	...	...	117	...	...	...	...	...	
.....	1,600	...	...	...	117	...	...	...	...	...	
.....	73,111	...	...	...	7,802	...	...	...	...	...	

TABLE

District.	Name of disease against which inoculation was undertaken.	Method of inoculation.	Source of product.	Number of outbreaks in which inoculation was undertaken.
1	2	3	4	5
<i>Infected Villages.</i>				
Surat	Anthrax	Serum alone	Imperial Research Mukteswar. Veterinary Institute.	1
Thana	Do.	Do.	Do.	2
Ahmednagar	Do.	Do.	Do.	1
Nasik	Do.	Do.	Do.	1
Sholapur	Do.	Do.	Do.	1
Belgaum	Do.	Do.	Do.	2
Dharwar	Do.	Do.	Do.	2
Kanara	Do.	Do.	Do.	11
Total				31
<i>Infected Villages</i>				
Dharwar	Anthrax	Vaccination	Imperial Research Mukteswar. Veterinary Institute.	1
<i>Clean Villages.</i>				Total
Thana	Anthrax	Vaccination	Imperial Research Mukteswar. Veterinary Institute.	1
Ratnagiri	Do.	Do.	Do.	1
Total				2
<i>Infected Villages.</i>				
Surat	Black Quarter.	Vaccination	Imperial Research Mukteswar. Veterinary Institute.	2
Thana	Do.	Do.	Do.	1
Ahmednagar	Do.	Do.	Do.	108
West Khandesh	Do.	Do.	Do.	4
Nasik	Do.	Do.	Do.	13
Poona	Do.	Do.	Do.	83
Satara	Do.	Do.	Do.	37
Sholapur	Do.	Do.	Do.	95
Belgaum	Do.	Do.	Do.	34
Bijapur	Do.	Do.	Do.	43
Dharwar	Do.	Do.	Do.	57
Ratnagiri	Do.	Do.	Do.	1
Total				478

## II—contd.

Number of villages affected in these outbreaks.	Bovine population of affected villages.	Number of animals which died uninoculated in course of outbreaks.			Number of animals inoculated.			Number of inoculated animals which died of the disease			Remarks.
		Bovines.	Equines.	Others.	Bovines.	Equines.	Others.	Bovines.	Equines.	Others.	
6	7	8	9	10	11	12	13	14	15	16	17
1	1,500	1	...	...	29	...	...	...	...	...	
2	755	7	...	...	90	...	...	...	...	...	
1	1,000	4	...	...	149	...	...	...	...	...	
1	500	6	...	...	57	...	...	...	...	...	
1	300	2	...	...	105	...	...	...	...	...	
2	500	11	...	...	304	...	...	...	...	...	
2	1,300	18	...	...	85	...	...	...	...	...	
11	2,880	140	...	...	634	...	...	7	...	...	
21	8,735	139	...	...	1,453	...	...	7	...	...	
1	1,000	15	...	...	97	...	...	...	...	...	
1	1,000	15	...	...	97	...	...	...	...	...	
.....	300	...	...	...	82	...	...	...	...	...	
.....	500	...	...	...	52	...	...	...	...	...	
.....	800	...	...	...	134	...	...	...	...	...	
2	350	13	...	...	37	...	...	...	...	...	
1	125	3	...	...	80	...	...	...	...	...	
109	48,870	603	...	...	14,261	...	...	5	...	...	
4	1,700	28	...	...	814	...	...	...	...	...	
13	8,800	72	...	...	549	...	...	...	...	...	
83	47,900	376	...	...	7,186	...	...	2	...	...	
37	36,000	131	...	...	2,256	...	...	4	...	...	
95	63,989	519	...	...	12,392	...	...	9	...	...	
34	39,414	154	...	...	2,393	...	...	1	...	...	
43	25,950	219	...	...	4,055	...	...	1	...	...	
57	29,876	332	...	...	9,048	...	...	14	...	...	
1	500	21	...	...	7	...	...	...	...	...	
478	303,474	2,471	...	...	52,538	...	...	36	...	...	

TABLE

District.	Name of disease against which inoculation was undertaken.	Method of inoculation.	Source of product.	Number of outbreaks in which inoculation was undertaken.
1	2	3	4	5
<i>Infected Villages.</i>				
Sholapur	Black Quarter.	Vaccination	Mysore Serum Institute, Bangalore.	2
Bijapur	Do.	Do.	Do.	4
Dharwar	Do.	Do.	Do.	11
Satara	Do.	Do.	Do.	11
Belgaum	Do.	Do.	Do.	5
Total				33
Grand Total—Black Quarter Vaccination (Infected Villages).				511
<i>Clean Villages.</i>				
Ahmednagar	Black Quarter.	Vaccination	Imperial Veterinary Research Institute, Mukteswar.	8
Nasik	Do.	Do.	Do.	3
Poona	Do.	Do.	Do.	14
Satara	Do.	Do.	Do.	15
Sholapur	Do.	Do.	Do.	5
Belgaum	Do.	Do.	Do.	1
Bijapur	Do.	Do.	Do.	1
Dharwar	Do.	Do.	Do.	3
Total				60
<i>Clean Villages.</i>				
Sholapur	Black Quarter.	Vaccination	Mysore Serum Institute Bangalore.	2
Dharwar	Do.	Do.	Do.	1
Total				3
Grand Total of Black Quarter Vaccination (Clean Villages).				53
<i>Infected Villages.</i>				
Kaira	Fowl Pox	Vaccination	Imperial Veterinary Research Institute, Mukteswar.	3
Surat	Do.	Do.	Do.	1
Sholapur	Do.	Do.	Do.	1
Bijapur	Do.	Do.	Do.	1
Kanara	Do.	Do.	Do.	2
Total				8

## II—contd.

Number of villages affected in these outbreaks.	Bovine population of affected villages.	Number of animals which died uninoculated in course of outbreaks.			Number of animals inoculated.			Number of inoculated animals which died of the disease.			Remarks.
		Bovines.	Equine.	Others.	Bovines.	Equines.	Others.	Bovines.	Equines.	Others.	
6	7	8	9	10	11	12	13	14	15	16	17
2	4,742	7	...	...	593	...	...	1	...	...	
4	2,050	34	...	...	421	...	...	...	...	...	
11	5,300	58	...	...	948	...	...	...	...	...	
11	5,000	103	...	...	510	...	...	2	...	...	
5	3,888	10	...	...	183	...	...	...	...	...	
33	20,980	212	...	...	2,604	...	...	3	...	...	
511	324,454	2,683	...	...	55,142	...	...	39	...	...	
.....	7,327	...	...	...	548	...	...	...	...	...	
.....	1,550	...	...	...	158	...	...	...	...	...	
.....	6,300	...	...	...	511	...	...	...	...	...	
.....	12,400	...	...	...	190	...	...	...	...	...	
.....	6,397	...	...	...	145	...	...	...	...	...	
.....	274	...	...	...	92	...	...	...	...	...	
.....	150	...	...	...	52	...	...	...	...	...	
.....	755	...	...	...	529	...	...	...	...	...	
.....	34,753	...	...	...	2,225	...	...	...	...	...	
.....	5,097	...	...	...	157	...	...	...	...	...	
.....	125	...	...	...	87	...	...	...	...	...	
.....	5,222	...	...	...	244	...	...	...	...	...	
.....	39,975	...	...	...	2,469	...	...	...	...	...	
3	2,900	...	...	71	...	...	1,161	...	...	22	
1	150	...	...	17	...	...	130	...	...	8	
1	700	...	...	20	...	...	60	...	...	...	
1	571	...	...	7	...	...	60	...	...	...	
2	60	...	...	18	...	...	17	...	...	...	
8	4,381*	...	...	133	...	...	1,428	...	...	30	*Fowls

TABLE

District.	Name of disease against which inoculation was undertaken.	Method of inoculation.	Source of Product.	Number of outbreaks in which inoculation was undertaken.
1	2	3	4	5
<i>Clean Villages.</i>				
Bronch Mahals. and Panch	Fowl Pox ...	Vaccination ...	Imperial Veterinary Research Institute, Mukteswar.	2
Kanara	Do. ...	Do. ...	Do. ...	3
			Total ...	5
<i>Infected Villages.</i>				
Sholapur	Fowl Cholera.	Sero-Vaccination.	Imperial Veterinary Research Institute, Mukteswar.	1
Kolaba	Do. ...	Do. ...	Do. ...	1
			Total ...	2
<i>Clean Villages.</i>				
Dharwar	Fowl Cholera.	Sero-Vaccination.	Imperial Veterinary Research Institute, Mukteswar.	1
			Total ...	1
<i>Infected Villages.</i>				
West Khandesh	Fowl Cholera.	Serum only	Imperial Veterinary Research Institute, Mukteswar.	1
Poona	Do. ...	Do. ...	Do. ...	1
			Total ...	2
			Grand Total ...	1,520

## II—concl'd.

Number of villages affected in these outbreaks.	Bovine population of affected villages.	Number of animals which died uninoculated in course of outbreaks.			Number of animals inoculated.			Number of inoculated animals which died of the disease.			Remarks.
		Bovines.	Equines.	Others.	Bovines.	Equines.	Others.	Bovines.	Equines.	Others.	
6	7	8	9	10	11	12	13	14	15	16	17
.....	600	...	...	...	...	...	463	...	...	...	
.....	1,545	...	...	...	...	...	43	...	...	...	
.....	2,145*	...	...	...	...	...	505	...	...	...	*Fowls.
1	230	...	...	10	...	...	88	...	...	...	
1	300	...	...	25	...	...	10	...	...	...	
2	500*	...	...	35	...	...	98	...	...	...	*Fowls.
.....	96	...	...	...	...	...	96	...	...	...	
.....	96*	...	...	...	...	...	96	...	...	...	*Fowls.
1	16	...	...	2	...	...	14	...	...	1	
1	800	...	...	2	...	...	12	...	...	...	
2	816*	...	...	4	...	...	26	...	...	1	*Fowls.
1,142	9,01,992 2,591† 7,998;	7,412	...	735† 173;	143,007	...	794† 2,163;	98	...	5† 31;	{Sheep and Goats. ;Fowls.

TABLE

Statement showing the number of animals treated and castrated at

District.	Veterinary Number of Institutions.	Veterinary Assistant Surgeons employed.	Number of in-patients treated during the year.				Number of out- during	
			Bovines.	Equines.	Others.	Total.	Bovines.	Equines.
1	2	3	4	5	6	7	8	9
Ahmedabad ...	6	6	264	81	26	371	4,000	1,593
Broach and Panch Mahals.	6	6	239	71	18	328	4,747	1,549
Kaira ...	6	6	207	23	2	322	5,897	618
Surat ...	6	6	209	46	11	266	4,877	955
Thana ...	5	5	7	4	8	19	3,139	788
Ahmednagar ...	8	8	91	9	17	117	11,955	1,185
East Khandesh ...	12	12	158	28	6	192	27,380	2,642
West Khandesh ...	8	8	61	26	6	93	12,688	3,583
Nasik ...	7	7	151	44	63	258	11,150	1,381
Poona ...	7	7	434	67	62	563	11,085	785
Satara ...	11	11	182	8	5	145	14,610	646
Sholapur ...	7	7	414	66	10	490	8,981	1,170
Belgaum ...	6	6	313	40	29	382	9,979	501
Bijapur ...	8	8	52	6	2	60	11,403	1,044
Dharwar ...	9	9	189	9	14	212	10,182	342
Kanara ...	3	3	111	...	2	113	3,512	13
Kolaba ...	3	3	7	1	1	9	1,992	113
Ratnagiri ...	2	2	30	...	...	30	1,677	10
Total ...	120	110	3,159	620	282	3,970	169,229	18,868
Total in 1938-39 ...	120	120	3,219	680	313	4,182	160,046	20,200
Total in 1937-38 ...	116	116	3,160	624	290	4,074	149,427	18,441



## III.

*the Veterinary Hospitals and Dispensaries during the year 1939-40.*

patients the year.	treated		Grand total of in- and out- patients treated during the year.	Total number of cases supplied with medicine but not brought to institutions.	Castrations performed.				Receipts.	Expenditure.
	Others.	Total.			Bovines.	Equines.	Others.	Total.		
10	11	12	13	14	15	16	17	18	19	
								Rs.	Rs.	
2,856	8,449	8,820	1,132	51	6	56	113	9,525	8,029	
1,430	7,726	8,054	1,191	494	8	18	520	6,559	7,222	
860	7,405	7,727	1,314	6	2	7	15	6,180	6,400	
1,743	7,375	7,841	1,583	402	19	337	758	7,146	7,819	
1,806	5,733	5,752	1,059	237	1	2	240	8,259	8,343	
2,930	16,020	16,137	2,607	5,913	3	33	5,949	9,448	9,103	
5,968	35,970	26,162	2,081	2,681	360	23	3,064	15,612	17,697	
3,007	10,273	10,366	3,022	779	525	15	1,319	10,646	11,075	
2,403	14,934	15,192	1,199	1,979	95	13	2,087	10,107	12,021	
3,108	14,978	15,541	1,999	3,202	2	30	3,234	12,623	11,989	
2,795	18,051	18,196	3,349	3,445	9	158	3,612	12,598	12,598	
3,669	13,820	14,310	1,510	3,709	9	175	2,893	9,298	8,872	
3,892	14,372	14,754	2,635	2,358	15	436	2,859	10,303	10,221	
3,659	16,106	16,166	2,756	5,292	30	1,092	6,414	14,601	9,849	
3,372	13,896	14,108	883	1,983	17	950	2,950	18,509	12,603	
413	3,938	4,051	2,318	112	...	27	139	4,498	4,399	
408	2,513	2,522	1,254	121	2	4	127	3,627	3,627	
365	2,052	2,092	1,766	154	...	3	157	3,265	3,077	
44,714	222,811	226,751	33,659	31,918	1,103	3,429	36,450	1,72,604	1,64,784	
43,174	223,420	227,602	34,957	33,890	1,010	3,051	37,951	165,748	167,321	
38,333	206,201	210,275	31,481	32,884	993	2,662	36,539	147,236	151,075	

Statement showing the number of animals treated and castrated by

District.	Number of Veterinary Assistant Surgeons employed.	Number of villages visited by Veterinary Assistant Surgeons.	Castrations performed.			
			Bovines.	Equines.	Others.	Total.
1	2	3	4	5	6	7
Ahmedabad ... ..	6	655	140	5	18	163
Broach and Panch Mahals ... ..	6	643	419	3	...	422
Kaira ... ..	6	380	12	...	...	12
Surat ... ..	6	608	420	2	15	427
Thana ... ..	5	620	304	15	...	319
Ahmednagar ... ..	8	1,208	2,973	4	2	2,979
East Khandesh ... ..	12	1,021	1,497	45	1	1,543
West Khandesh ... ..	8	1,009	1,278	29	53	1,360
Nasik ... ..	7	751	937	18	3	958
Poona ... ..	7	805	843	...	67	910
Satara ... ..	11	1,124	1,022	4	9	1,035
Sholapur ... ..	7	634	1,554	2	118	1,674
Belgaum ... ..	6	810	592	11	297	1,200
Bijapur ... ..	6	871	3,223	7	309	3,622
Dharwar ... ..	9	977	2,144	3	296	2,373
Kanara ... ..	3	686	228	...	10	238
Kolaba ... ..	3	494	336	...	1	337
Ratnagiri ... ..	2	305	294	...	...	294
Total ... ..	120	13,561	18,516	148	1,219	19,883
Total in 1938-39 ... ..	120	12,942	18,580	73	1,66	14,519
Total in 1937-38 ... ..	116	10,560	12,174	105	503	12,782

## IV.

*Veterinary Assistant Surgeons on tour during the year 1939-40.*

Treated for contagious diseases.				Treated for non-contagious diseases.				Total number of castrations performed and cases treated.
Bovines.	Equines.	Others.	Total.	Bovines.	Equines.	Others.	Total.	
8	9	10	11	12	13	14	15	16
1,682	...	1	1,683	1,159	112	63	1,334	3,080
2,014	...	14	2,028	1,025	283	112	1,420	3,870
941	...	240	1,181	1,414	18	8	1,440	2,633
161	...	93	254	2,002	212	50	2,264	2,955
906	19	2	227	626	196	38	860	1,406
1,421	3	145	1,569	1,632	114	86	1,832	6,380
2,051	99	43	2,123	3,432	237	95	3,764	7,430
2,661	5	78	2,744	2,818	595	119	3,632	7,636
2,889	...	30	2,919	1,711	153	50	1,914	5,791
1,225	1	153	1,380	1,236	57	66	1,359	3,649
431	...	93	524	4,759	117	233	5,119	6,678
1,005	...	200	1,205	1,925	89	73	2,087	4,966
923	...	64	987	2,783	51	92	2,926	5,113
1,644	...	307	1,951	2,989	158	168	3,315	8,895
1,585	...	89	1,674	5,770	36	122	5,928	9,075
2,812	...	139	2,951	1,216	1	12	1,229	4,418
1,365	14	...	1,379	1,062	14	88	1,164	2,880
884	...	...	884	251	...	1	252	1,430
25,501	71	1,691	27,563	37,920	2,443	1,475	41,738	89,185
43,642	233	2,491	46,365	29,824	1,905	1,303	33,033	93,918
19,479	130	932	20,541	24,492	1,658	1,119	27,262	60,585

*Statistics of castrations and treatments performed in the*

Name of District.	Number of animals treated.			Number of animals castrated.		
	Bovines.	Equines.	Others.	Bovines.	Equines.	Others.
Ahmedabad ...	8,048	1,885	3,099	191	11	74
Broach and Panch Mahals.	9,426	2,015	1,674	913	11	18
Kaira ...	9,765	715	1,104	18	2	7
Surat ...	9,038	1,346	1,995	822	21	352
Thana ...	4,534	1,105	943	465	16	1
Ahmednagar ...	20,196	1,402	3,526	8,886	7	35
East Khandesh ...	36,193	3,186	6,294	4,178	405	94
West Khandesh ...	21,862	4,665	3,497	2,057	554	68
Nasik ...	17,845	1,710	2,627	2,916	113	16
Poona ...	16,495	955	3,739	4,045	2	97
Satara ...	23,804	831	3,598	4,467	13	167
Sholapur ...	15,045	1,406	4,335	4,263	11	293
Belgaum ...	17,282	545	4,576	3,250	26	783
Bijapur ...	21,495	1,474	4,848	8,515	37	1,491
Dharwar ...	20,702	402	3,862	4,127	20	1,176
Kanara ...	10,153	15	619	340	.....	37
Kolaba ...	5,962	159	535	457	2	5
Ratnagiri ...	4,864	14	400	448	.....	3
Bombay Suburban ...	676	26	1,033	76	.....	1
Bombay City ...	.....	.....	.....	.....	.....	.....
Total ...	273,385	23,946	52,394	50,434	1,251	4,648
Total for 1938-39 ...	271,135	34,088	51,354	47,470	1,083	3,917
Total for 1937-38 ...	235,911	22,672	43,758	45,058	1,098	3,165

V.

## Bombay Province during the year 1939-40.

Live Stock population.*						Remarks.
Bovines.		Equines.			Others†	
Males.	Females.	Males.	Females.	Colts, Fillies, Mules and Donkeys.	Males and Females.	
168,914	330,500	2,846	3,195	13,562	133,193	* Census figures for live-stock for the year 1939-40 are not yet available hence figures for the year 1934-35 have been repeated. † Sheep, goats and Camels. ‡ Separate figures for "Males" and "Females" are not available.
260,756	274,580	3,218	3,141	5,756	118,707	
177,566	284,127	675	978	5,842	82,701	
184,098	209,935	1,476	547	5,496	128,601	
275,531	244,372	1,886	199	447	69,215	
400,552	367,402	6,968	8,034	9,651	415,143	
312,052	307,962	6,200	1,812	7,794	223,751	
251,010	216,924	10,061	1,744	4,843	153,109	
355,931	329,629	7,293	3,029	5,709	274,320	
332,197	329,757	4,149	4,057	6,783	383,590	
309,701	375,055	2,861	2,354	3,634	426,550	
255,261	241,584	2,916	3,513	5,073	372,870	
273,311	331,569	1,614	1,775	3,729	325,030	
239,564	265,662	2,600	3,235	5,758	380,097	
289,930	318,528	1,494	1,013	4,819	185,464	
136,996	134,409	42	34	116	3,185	
196,993	177,757	441	236	613	36,662	
378,696	300,633	146	70	889	55,249	
10,817	22,321	473	30	491	6,634	
9,445	28,557	4,305	210	48	19,875	
4,868,561	5,092,993	61,669	39,706	86,053	3,792,846	
4,868,561	5,092,993	61,669	39,706	86,053	3,792,846	
4,868,561	5,092,993	61,669	39,706	86,053	3,792,846	





Statement showing the numbers of approved male buffaloes

Name of District.	Number of approved bulls									
	Present on 1st April 1939.			Obtained during the year.						Casual the
	Property of Governmet.	Property of Local Bodies.	Others. (Gift Bulls.)	Number.			Average price paid per head.			
				Property of Govern-ment.	Property of Local Bodies.	Others. (Gift Bulls.)	Property of Govern-ment.	Property of Local Bodies.	Others. (Gift Bulls.)	Property of Govern-ment.
Sholapur ...	4	...	...	...	...	...	Rs. 100	...	...	...
East Khandesh ...	1	...	...	...	...	...	100	...	...	...
Ahmedabad ...	2	...	...	1	...	...	100	...	...	...
Kaira ...	6	...	17	...	...	...	100	...	...	3*
Broach and Panch Mahals.	2	...	...	3	...	...	100	...	...	3*
Surat ...	1	...	...	...	...	...	100	...	...	...
Dharwar ...	4	...	...	...	...	1	100	...	...	1*
Belgaum ...	8	...	...	...	...	...	100	...	...	5*
Total ...	28	...	17	4	...	1	...	...	...	13*
Total for 1938-39 ...	19	...	...	...	...	...	...	...	...	...
Total for 1937-38 ...	19	...	...	...	...	...	...	...	...	...

\* Retired.



at stud in the Province of Bombay during the year 1939-40.

at stud.	during the year.		Balance in hand on 31st March 1940.		Net cost for the year for the issue and maintenance of stud bulls.		Population of she-buffaloes over 3 years according to Census.		Number of bulls.		Number of she-buffaloes covered during the year.
	Property of Local Bodies.	Others. (Gift Bulls.)	Property of Government.	Others. (Gift Bulls.)	Property of Government.	Property of Local Bodies.	Others. (Gift Bulls.)	Total.	Required to be maintained at one per hundred she-buffaloes.	Short of requirements.	
...	4	...	...	...	4	...	...	37,467	575	371	100
...	1	...	...	...	1	...	...	78,602	736	736	50
...	3	...	...	...	3	...	...	97,231	973	970	
...	8	3	...	9	12	...	...	1,28,436	1,285	1,273	2,040
...	2	...	...	...	2	...	...	76,834	769	767	
...	1	...	...	...	1	...	...	38,084	331	330	
...	3	...	...	1	4	...	...	96,813	868	865	337
...	3	...	...	...	3	...	...	1,10,547	1,106	1,106	
...	8	20	...	10	30	...	...	6,54,014	6,543	6,514	2,527
...	...	...	...	...	...	...	...	Rs. 1,799-8-0.	...	...	
...	...	...	...	...	...	...	...	Rs. 1,799-8-0.	...	...	



TABLE VII.

*Abstract of Particulars regarding Cattle Fairs and Shows held during the year 1939-40 in the Bombay Province.*

Name of District.	Number of cattle fairs and shows held.	Total number of stock present.						
		Bulls.	Bullocks.	Cows.	Young stock.	Buffaloes.	Camels.	Others.
<i>Ahmedabad District.</i>								
Vantha ... ..	1	...	...	...	...	...	64	1,141
<i>Thana District.</i>								
Mhasa ... ..	1	1,000	5,500	150	500	700	...	100
<i>West Khandesh District.</i>								
Kasara ... ..	1	6	90	90	15	4	...	25
Talve ... ..	1	...	8	4	6	...	...	7
Chichpada ... ..	1	8	4	...	...	...	...	...
Shirpur ... ..	1	20	200	25	15	15	...	150
Dahiwat ... ..	1	6	20	5	...	...	...	1
<i>Nasik District.</i>								
Dabhadi ... ..	1	3	13	4	...	3	...	...
Denevadi ... ..	1	25	24	...	...	2	...	49
<i>Poona District.</i>								
Baramati ... ..	1	5	...	...	...	...	...	3
<i>Satara District.</i>								
Islampur ... ..	1	1,500	1,000	100	200	100	...	...
"Wadjai" fair at Patkhal.	1	460	78	...	62	...	...	...
"Borjal" fair at Borgaon.	1	305	195	...	100	...	...	...
Show at Umhraj ... ..	1	18	70	12	...	...	...	...
Brahmapuri ... ..	1	2,800	1,450	75	750	100	...	25
Tandulwadi ... ..	1	1,500	1,200	75	600	100	...	25
Khanapur ... ..	1	500	1,500	500	500	200	...	6,000

TABLE VII—contd.

Name of District.	Average price of animals sold.					Amount realised in fees.	Total number of animals that competed for prizes.
	Bulls.	Bullocks.	Cows.	Buffaloes.	Camels.		
<i>Ahmedabad District.</i>	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Vantha ... ..	.....	.....	.....	.....	100	...	...
<i>Thana District.</i>							
Mhasa ... ..	30 to 50	40 to 60	15 to 25	20 to 50	...	...	...
<i>West Khandesh District.</i>							
Kasara ... ..	100	50	30	60	...	...	100
Talve ... ..	.....	.....	.....	.....	...	...	25
Chichpāda ... ..	.....	.....	.....	.....	...	...	4
Shirpur ... ..	15	50	20	40	...	...	...
Dahiwat ... ..	.....	.....	.....	.....	...	...	22
<i>Navik District.</i>							
Dabhadi ... ..	.....	.....	.....	.....	...	...	23
Denewadi ... ..	.....	.....	.....	.....	...	...	42
<i>Poona District.</i>							
Baramati ... ..	.....	.....	.....	.....	...	...	8
<i>Satara District.</i>							
Islampur ... ..	60 to 250	40 to 200	20 to 80	30 to 80	...	...	...
"Wadjai" fair at Patkhal.	80	50	.....	.....	...	30	...
"Borjai" fair at Borgaon.	90	60	.....	.....	...	25	...
Show at Umbraj ... ..	.....	.....	.....	.....	...	...	88
Brahmapuri ... ..	75	40	30	40	...	...	...
Tandulwadi ... ..	75	40	45	40	...	...	100
Khanapur ... ..	100	50	30	40	...	217	10

TABLE VII—*contd.*

Name of District.	Prize money provided.				Amount actually awarded.	No. of medals awarded.
	From Provincial funds.	From local funds.	From other sources.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.	
<i>Ahmedabad District.</i>						
Vantha ... ..	.....	.....	.....	.....	.....	.....
<i>Thana District.</i>						
Mhasa ... ..	.....	.....	.....	.....	.....	.....
<i>West Khandesh District.</i>						
Kasra ... ..	50 0 0	.....	.....	50 0 0	35 0 0	6
Talve ... ..	16 15 0	.....	.....	16 15 0	16 15 0	3-10*
Chichpada ... ..	.....	.....	.....	.....	.....	2-2†
Shirpur ... ..	.....	.....	.....	.....	.....	.....
Dahiwat ... ..	.....	.....	.....	.....	.....	3
<i>Nasik District.</i>						
Dabhadi ... ..	125 0 0	.....	.....	125 0 0	10 0 0	.....
Denevadi ... ..	26 0 0	.....	.....	26 0 0	26 0 0	.....
<i>Poona District.</i>						
Baramati ... ..	10 0 0	.....	.....	10 0 0	10 0 0	.....
<i>Satara District.</i>						
Islampur ... ..	.....	.....	.....	.....	.....	.....
"Wadjai" fair at Patkhal.	.....	.....	.....	.....	.....	.....
"Borjai" fair at Borgaon.	.....	.....	.....	20 0 0	.....	17
Show at Umbrāi ... ..	90 0 0	.....	.....	.....	.....	.....
Brahmapuri ... ..	.....	.....	38	38 0 0	38 0 0	2
Tandulwadi ... ..	.....	.....	10	10 0 0	1 8 0	5
Khanapur ... ..	.....	.....	.....	.....	.....	.....

\*Prizes.

†Certificates.

TABLE VII—*contd.*

Name of District.	Number of cattle fairs and shows held.	Total number of stock present.						
		Bulls.	Bullnocks.	Cows.	Young stock.	Buffaloes.	Camels.	Others.
<i>Salare District—contd.</i>								
Ped ... ..	1	500	1,200	100	400	300	...	3,000
Andumber ... ..	1	120	80	40	35	2	...	...
Mhaswad ... ..	1	707		155	...	104	...	...
Nagoba ... ..	1	3,439		1,030	...	302	...	...
Shingapur ... ..	1	14	9	5	3	...	...	...
Anewadi ... ..	1	1,000	1,500	30	50	50	...	40
Ladegaon ... ..	1	50	25	25	...	...	...	50
Fadtarwadi ... ..	1	345	287	154	58	65	...	17
<i>Sholapur District.</i>								
"Gadda" fair at Sholapur.	1	1,200	400	300	300	200	...	300
Animal Show at Sholapur.	1	25	40	20	10	10	...	50
Tembhurni ... ..	1	41	20	10	5	4	...	...
Ropale ... ..	1	30	25	15	10	20	...	...
Kartiki fair at Pandharpur.	1	1,000	400	200	300	100	...	1,500
Show at Pandharpur	1	180	50	150	120	...	...	...
Malsiras ... ..	1	37	...	35	21	...	...	8

TABLE VII—*contd.*

Name of District.	Average price of animals sold.					Amount realised in fees.	Total number of animals that competed for prizes.
	Bulls.	Bullocks.	Cows.	Buffaloes.	Camels.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. a. p.	
<i>Satara District—contd.</i>							
Peñ ... ..	100	50	12	45	...	...	...
Audumber ... ..	80	90	25	45	...	...	277
Mhaswad ... ..	.....	.....	.....	.....	...	317 0 0	} 87
Nagoba ... ..	.....	.....	.....	.....	...	1,846 0 0	
Shingapur ... ..	.....	.....	.....	.....	...	3 14 0	31
Anewadi ... ..	100 to 150	40 to 60	5 to 20	50 to 60	...	...	...
Ladegaon ... ..	.....	.....	.....	.....	...	...	150
Fadjarwadi ... ..	85	60	35	50	...	...	61
<i>Sholapur District.</i>							
"Gadda" fair at Sholapur.	100 to 200	125 to 300	15 to 80	40 to 150	...	...	200
Animal Show at Sholapur.	.....	.....	.....	.....	...	...	300
Tembhurni ... ..	.....	.....	.....	.....	...	...	10
Ropale ... ..	.....	.....	.....	.....	...	...	16
Kartiki fair at Pandharpur.	.....	.....	.....	.....	...	...	...
Show at Pandharpur ...	100 to 200	100	100	75 to 100	...	...	500
Malsiras ... ..	.....	.....	.....	.....	...	...	101

TABLE VII—*contd.*

Name of District.	Prize money provided.					Amount actually awarded.	No. of medals award.
	From Provincial funds.	From local funds.	From other sources.	Total.			
	Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.		
<i>Salara District—contd.</i>							
Ped	.....	.....	.....	.....	.....	.....	.....
Audumbar	125	.....	.....	125 0 0	45 0 0	2	
Mhaswad	.....	300	.....	300 0 0	289 0 0	.....	
Nagoba	.....	.....	.....	.....	.....	.....	
Shingapur	.....	.....	100	100 0 0	75 0 0	2-2*	
Anewadi	.....	.....	.....	.....	.....	.....	
Ladegaon	11 2 0	.....	.....	11 2 0	11 2 0	8-10*	
Fadtarwadi	.....	.....	10	10 0 0	10 0 0	.....	
<i>Sholapur District.</i>							
"Gadda" fair at Sholapur.	11 4 0	.....	375	385 4 0	115 0 0	32	
Animal Show at Sholapur.	.....	.....	300	300 0 0	125 0 0	30	
Tembhurni	.....	.....	22	22 0 0	6 0 0	.....	
Ropale	.....	.....	25	25 0 0	7 0 0	.....	
Kartiki fair at Pandharpur.	.....	.....	.....	.....	.....	.....	
Show at Pandharpur	200	215	35	450 0 0	.....	{ 36-51 21	
Malsiras	.....	.....	69	69 0 0	69 0 0	5	

\* Certificates.

† Prizes.

‡ Shields.



TABLE VII—contd.

Name of District.	Number of cattle fairs and shows held.	Total number of stock present.						
		Bulls.	Bullocks.	Cows.	Young stock.	Buffaloes.	Camels.	Others.
<i>Belgaum District.</i>								
Yedur ... ..	1	1,400	1,000	50	250	25	...	15
Nandi ... ..	1	800	600	25	200	10	...	15
Kunnur ... ..	1	1,300	1,300	25	160	15	...	16
Athni ... ..	1	500	800	300	200	...	...	...
Kokatnur ... ..	1	25	25	30	30	...	...	25
Mangsuli ... ..	1	402	1,000	300	300	...	...	...
Yellamma Fair at Saundatti.	1	...	2,000	...	...	...	...	...
Yadvad ... ..	1	700	900	50	100	25	...	100
<i>Bijapur District.</i>								
Bijapur ... ..	1	300	9,900	1,000	1,000	...	10	...
<i>Dharwar District.</i>								
Gungol ... ..	1	1,200	1,500	1,000	500	600	...	...
Shirhatti ... ..	1	1,500	1,500	600	500	300	...	...
Savadi ... ..	1	300	500	50	100	...	...	...
Hosaritti ... ..	1	2,000	8,000	...	...	...	...	...
Kudal ... ..	1	500	2,000	25	100	20	...	...
Agadi ... ..	1	25	...	...	...	...	...	...
Hattinattur ... ..	1	75	125	...	...	...	...	...
Devargudda ... ..	1	650	600	1,100	1,500	...	...	...
Rattihalli ... ..	1	1,500	3,000	500	1,000	100	...	...
Hubli ... ..	1	100	400	...	...	...	...	...
<i>Kanara District.</i>								
Gokarn ... ..	1	...	...	...	38	76	...	...
<b>Total ...</b>	<b>52</b>	<b>26,363</b>	<b>49,578</b>	<b>8,274</b>	<b>10,029</b>	<b>3,352</b>	<b>74</b>	<b>13,012</b>
		4,146						
<b>Total for 1938-39 ...</b>	<b>40</b>	<b>27,475</b>	<b>56,170</b>	<b>5,520</b>	<b>9,883</b>	<b>2,870</b>	<b>...</b>	<b>10,920</b>
<b>Total for 1937-38 ...</b>	<b>27</b>	<b>30,983</b>	<b>30,208</b>	<b>5,815</b>	<b>7,396</b>	<b>2,546</b>	<b>...</b>	<b>5,027</b>

TABLE VII—*contd.*

Name of District.	Average price of animals sold.					Amount realised in fees.	Total number of animals that competed for prizes.
	Bulls.	Bullocks.	Cows.	Buffaloes.	Camels.		
	Rs.	Rs.	Rs.	Rs.	*Rs.	Rs. a.	
<i>Belgaum District.</i>							
Yedur ... ..	75	60	25	30	...	...	103
Nandi ... ..	75	50	25	30	...	...	50
Kunnur ... ..	80	50	20	25	...	...	100
Athni ... ..	200	10	75	.....	...	...	430
Kokatnur ... ..	100	75	50	.....	...	...	...
Mangsuli ... ..	.....	.....	.....	.....	...	...	50
Yellamma Saundatti. Fair at	.....	.....	.....	.....	...	...	...
Yadvad ... ..	50	75	25	50	...	...	50
<i>Bijapur District.</i>							
Bijapur ... ..	200 to 250	150 to 200	25 to 40	40 to 60	...	...	158
<i>Dharwar District.</i>							
Gumgol ... ..	50 to 200	40 to 150	20 to 60	60 to 150	...	...	...
Shirhatti ... ..	50 to 200	50 to 200	25 to 100	40 to 100	...	...	45
Savadi ... ..	60	90	30	.....	...	...	...
Hosritti ... ..	150 to 200	350 to 400	.....	.....	...	...	300
Kudal ... ..	125 to 150	200 to 300	15 to 30	40 to 60	...	...	...
Agadi ... ..	.....	.....	.....	.....	...	...	25
Hattimattur ... ..	.....	.....	.....	.....	...	...	200
Devargudda ... ..	40	60	30	.....	...	...	100
Rattihalli ... ..	75	60	25	40	...	...	180
Hubli ... ..	35 to 75	40 to 200	.....	.....	...	...	500
<i>Kanara District.</i>							
Gokarn ... ..	.....	.....	25	55	...	...	...
Total ... ..	.....	.....	.....	.....	...	2,438-14	4,463
Total for 1933-39 ... ..	.....	.....	.....	.....	...	2,116-0	2,148
Total for 1937-38 ... ..	.....	.....	.....	.....	...	2,870-0	1,126

TABLE VII—concl'd.

Name of District.	Prize money provided.					No. of medals awarded.
	From Provincial funds.	From local funds.	From other sources.	Total.	Amount actually awarded.	
	Rs. a. p.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	
<i>Belgaum District.</i>						
Yedur ... ..	.....	.....	200	200 0 0	200 0 0	.....
Nandi ... ..	.....	.....	100	100 0 0	100 0 0	.....
Kunnur ... ..	.....	.....	150	150 0 0	150 0 0	.....
Athni ... ..	75 0 0	50	50	175 0 0	173 0 0	32*
Kokatnur ... ..	.....	.....	.....	.....	.....	.....
Mangsuli ... ..	.....	25	.....	25 0 0	25 0 0	33
Yellamma Fair at Saundatti.	.....	.....	.....	.....	.....	.....
Yadvad ... ..	.....	.....	100	100 0 0	100 0 0	.....
<i>Bijapur District.</i>						
Bijapur ... ..	50 0 0	118	.....	168 0 0	168 0 0	19
<i>Dharwar District.</i>						
Gungol ... ..	.....	.....	.....	.....	.....	.....
Shirhatti ... ..	.....	100	.....	100 0 0	90 0 0	5
Savadi ... ..	.....	.....	.....	.....	.....	.....
Hosritti ... ..	50 0 0	.....	42	92 0 0	92 0 0	33*
Kudal ... ..	.....	.....	.....	.....	.....	.....
Agadi ... ..	25 0 0	.....	.....	25 0 0	2 0 0	2*
Hattimattur ... ..	.....	.....	55	55 0 0	29 0 0	11*
Devaragudda ... ..	.....	110	.....	110 0 0	110 0 0	.....
Battihalli ... ..	.....	50	.....	50 0 0	50 0 0	12-27†
Hubli ... ..	.....	.....	.....	.....	.....	.....
<i>Kanara District.</i>						
Gokarn ... ..	.....	.....	.....	.....	.....	.....
Total ...	795 5 0	968	1,681	3,444 5 0	2,178 9 0	210M 41† 92* 2‡
Total for 1938-39 ...	356 0 0	895	1,243	2,434 0 0	1,403 0 0	113M 57‡ 4†
Total for 1937-38 ...	284 0 0	834	616	1,394 0 0	1,187 0 0	18M 42†

\* Prizes.

† Certificates.

‡ Shields.

*Statistics of livestock slaughtered in recognised slaughter*

Name of District.	Number of recognised slaughter houses for								Number of unlicensed slaughter houses.	Number	
	Cattle and buffaloes.		Sheep and goats.		Pigs.		Others.			Cows.	Bulls and Bullocks.
	Government.	Local Bodies.	Government.	Local Bodies.	Government.	Local Bodies.	Government.	Local Bodies.			
Ahmedabad ... ..	1	1	...	1	...	...	...	...	...	9,705	10,411
Broach and Panch Mahals.	...	4	...	3	...	...	...	...	25	6,735	4,193
Kaira ... ..	...	6	...	10	...	...	...	...	2	536	2,304
Surat ... ..	...	3	...	3	...	...	...	...	...	777	382
Thana ... ..	...	1	...	2	...	...	...	...	...	50	...
Ahmednagar ... ..	1	2	...	3	...	...	...	...	...	3,660	4,753
East Khandesh ... ..	...	7	...	10	...	...	...	...	...	3,420	6,057
West Khandesh ... ..	...	3	...	4	...	...	...	...	...	1,505	3,367
Nasik ... ..	2	6	1	7	...	...	...	...	...	4,233	3,856
Poona ... ..	1	4	2	11	...	...	...	...	6	10,240	9,702
Satara ... ..	...	3	...	6	...	...	...	...	...	1,144	1,150
Sholapur ... ..	...	2	...	7	...	...	...	...	...	4,671	1,980
Belgaum ... ..	1	3	...	3	...	...	...	...	18	6,736	1,316
Bijapur ... ..	...	5	...	4	...	...	...	...	20	630	419
Dharwar ... ..	...	4	...	11	...	...	...	...	...	2,291	1,643
Kanara ... ..	...	2	...	1	...	...	...	...	...	124	106
Kolaba ... ..	...	1	...	2	...	...	...	...	2	42	79
Batnagiri ... ..	...	...	...	1	...	...	...	...	...	...	...
Bombay District. Suburban	...	2	...	2	...	...	...	...	...	425	...
Bombay City ... ..	...	2	...	4	...	1	...	...	...	34,087	91,369
Total ... ..	6	61	3	95	...	1	...	...	73	90,089	72,395
Total for 1935-39 ... ..	7	82	1	73	...	1	...	...	67	86,191	63,863
Total for 1937-38 ... ..	7	39	...	45	...	1	...	...	25	78,835	51,801

## VIII.

houses in the Province of Bombay during the year 1939-40.

of animals slaughtered.						Slaughter fee per head.				
Calves.	Buffaloes.	Sheep.	Goats.	Pigs.	Other animals.	Cattle.	Buffaloes.	Sheep and goats.	Pigs.	Others.
						Rs. a. p.	Rs. a. p.	Rs. a. p.		
1,498	7,368	88,157	87,706	...	200	1 4 0	1 4 0	0 2 0	...	...
65	2,270	8,507	18,560	...	139	0 4 0	0 4 0	0 1 0	...	...
545	3,426	2,727	5,059	...	...	0 4 0	0 4 0	0 2 0	...	...
141	1,942	27,921	54,674	...	...	0 6 0	0 6 0	0 0 9	...	...
...	...	32,109	2,500	...	...	...	...	...	...	...
550	1,221	20,007	3,571	...	...	0 8 0	0 8 0	0 2 0	...	...
10	748	8,890	33,563	...	...	0 2 0	...	0 1 0	...	...
...	1,536	17,363	13,214	...	28	0 2 0	0 2 0	0 0 6	...	...
1,112	3,328	33,791	21,143	...	655	0 5 0	0 5 0	0 1 6	...	...
4,366	3,125	56,329	67,639	...	...	0 8 0	0 8 0	0 1 0	...	...
...	69	16,818	5,280	...	122	0 4 0	1 0 0	0 1 0	...	...
6,146	3,215	41,386	82,727	...	...	0 8 0	0 8 0	0 1 0	...	...
417	1,006	12,348	6,860	...	...	0 4 0	0 8 0	0 1 0	...	...
63	140	6,201	16,307	...	...	0 5 0	0 5 0	0 1 6	...	...
463	1,115	33,028	22,009	...	430	0 9 0	0 7 0	0 2 0	...	...
...	174	1,416	399	...	...	0 3 0	0 6 0	0 2 0	...	...
...	...	3,897	1,416	...	...	...	...	0 1 0	...	...
...	...	7,431	7,330	...	...	...	...	0 1 0	...	...
...	11,141	13,600	13,604	...	...	1 8 0	5 0 0	0 1 0	...	...
...	17,996	793,748	...	4,103	...	1 8 0	15 0 0	0 3 0	1 0 0	...
15,356	59,810	1,220,764	463,519	4,103	1,574	...	...	...	...	...
14,959	63,863	15,38,564	3,549	208	...	...	...	...	...	...
9,759	46,588	13,75,196	5,543	43	...	...	...	...	...	...

TABLE IX.

Statement showing the cost of Civil Veterinary Department in the Province of Bombay during the financial year 1939-40 including the cost of the Bombay Veterinary College and the Bombay City and Harbour Veterinary Department.

Major Head	Amount			Remarks.
	Provincial	Local	Total	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	
1. Superintendence ... ..	79,656 8 3	.....	79,656 8 3	
2. Veterinary Education and Research.	64,450 12 7	.....	64,450 12 7	
3. Subordinate Veterinary Establishment.	2,16,978 1 0	85,992 0 0	3,02,970 1 0	
4. *Hospitals and Dispensaries ...	(A) 66,757 14 11	79,492 0 0	1,46,249 14 11	
5. Breeding Operation (Horse) ...	.....	.....	.....	
6. Other Charges;—				
(i) Goat Virus Producing Station.	7,072 8 1	.....	7,072 8 1	
(ii) Schemes partly or wholly subsidised by the Imperial Council of Agricultural Research—				
(a) Veterinary Investigation Officer.	10,958 9 5	.....	10,958 9 5	
(b) Scheme for control of ticks.	4,544 9 3	.....	4,544 9 3	
7. Charges in England ... ..	4,800 0 0	.....	4,800 0 0	
8. Loss or gain by exchange ...	19 4 7	.....	19 4 7	
<b>Total ...</b>	<b>4,55,238 4 1</b>	<b>1,64,784 0 0</b>	<b>6,20,022 4 1</b>	
<i>Deduct</i> —Government grants to Veterinary Hospitals and Dispensaries.	.....	43,621 6 0	43,621 6 0	
<i>Deduct</i> —Establishment charges recoverable from other Governments, Departments, etc., Contribution from the Government of India on account of the work in connection with the Livestock Importation Act.	14,749 0 0	.....	14,749 0 0	
<b>Net expenditure.</b>	<b>4,40,489 4 1</b>	<b>1,21,162 10 0</b>	<b>5,61,651 14 1</b>	

Rs. a. p.

\* (A) Grants to Veterinary Hospitals and Dispensaries ... .. 43,621 6 0  
Establishment under the Glanders and Farcy Act ... .. 23,136 8 11  
66,757 14 11

TABLE X.

*Strength of Staff employed and how they are distributed.*

Province.	How employed.	Whether paid from Provincial or Local Fund.	Service Indian Veterinary Officers.	Provincial Officers.		Subordinate Veterinary Service.		
				Class I.	Class II.	Veterinary Inspectors.	Lecturers.	Veterinary Assistant Surgeons.
Bombay.	Administration.	Provincial..	1	...	1	...	...	...
Do. ...	Education and Research.	Do. ...	...	1	4	...	3(a)	1(b)
Do. ...	Investigation...	Imperial Council of Agricultural Research.	...	...	1	...	...	...
Do. ...	In the Glanders and Farcy Department, Bombay.	Provincial...	...	...	1	...	...	8(c)
Do. ...	In District ...	{ Provincial.	...	...	...	3	...	135(d)
		{ Local ...	...	...	...	...	...	1
Do. ...	On the Scheme for the Control of Ticks.	Imperial Council of Agricultural Research.	...	...	...	...	...	...
		Total ...	1	1	7	3	3	145

(a) Includes Hospital Surgeon of the College.

(b) On Goat Virus Producing Station.

(c) Veterinary Inspectors under Glanders and Farcy Act.

(d) 119 In charge of Veterinary Dispensaries.

16 Reserves.

TABLE XI-A.

## BOMBAY VETERINARY COLLEGE.

*Results of Professional Examinations, 1939-40.*

Examinations	Total Candidates			Percentage of Passes
	Examined	Passed	Passed in October Supplementary	
Third Professional ...	46	31	7	82.60
Second " ...	45	31	4	77.77
First " ...	46	28	5	71.73
Total ...	137	90	16	77.37

TABLE XI-B.

## BOMBAY VETERINARY COLLEGE.

*Return showing changes in the number of Students in 1939-40.*

Class	Number of Students on 1st April 1939	Withdrawn		Entries		Number of Students on 31st March 1940	Remarks
		Number of Students left the College	Number of Students transferred from lower to higher class	New entries	Number of Students transferred from lower to higher class		
Class "C"	46	38	...	...	35	43	
Class "B"	48	1	35	...	32	44	
Class "A"	45	5	32	48*	...	51	
Total ...	139	44	67	43	67	138	

\* Of these 5 left subsequently during the course of the year.



TABLE XI-C.

## BOMBAY VETERINARY COLLEGE.

Return showing the number of nationality of Students on the rolls at the end of the official year 1939-40.

Caste	Paying	Indian States and other Govern-ments.	Government Scholars	Total	Remarks
-------	--------	---------------------------------------	---------------------	-------	---------

## Class "C"

Brahmins	23	3	1	27	
Rajputs	.....	1	.....	1	
Muslims	1	6	1	8	
Other Hindus	3	2	1	6	
Lingayats	1	.....	.....	1	
Total	28	12	3	43	

## Class "B"

Brahmins	22	.....	1	23	
Marathas	1	1	.....	2	
Rajputs	.....	2	.....	2	
Muslims	1	4	1	6	
Other Hindus	2	2	1	5	
Lingayats	4	.....	.....	4	
Indian Christians	2	.....	.....	2	
Total	32	9	3	44	

## Class "A"

Brahmins	20	2	1	23	
Marathas	3	.....	.....	3	
Rajputs	.....	1	.....	1	
Muslims	4	4	1	9	
Other Hindus	6	3	3	12	
Lingayats	1	.....	.....	1	
Jains	2	.....	.....	2	
Total	36	10	5	51	
Grand Total	96	31	11	138	

## TABLE XI-D.

## BOMBAY VETERINARY COLLEGE.

*Financial Statement of the Bombay Veterinary College  
for the year 1939-40.*

Budget Sanction			Actual Expenditure		
Heads	1938-39	1939-40	Heads	1938-39	1939-40
	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
Teaching Staff ...	32,463 0 0	33,947 0 0	Teaching Staff ...	32,462 0 0	33,945 8 0
Establishment ...	13,767 0 0	13,761 0 0	Establishment ...	13,754 7 0	13,759 10 0
Travelling and other Allowances.	5,057 0 0	4,476 0 0	Travelling and other Allowances.	5,056 6 0	4,475 1 0
Examination Fees ...	836 0 0	1,424 0 0	Examination Fees.	835 8 0	915 0 0
Scholarships ...	2,275 0 0	2,792 0 0	Scholarships ...	2,275 0 0	2,780 0 0
Contingencies ...	8,370 0 0	8,833 0 0	Contingencies ..	8,326 15 10	8,575 9 7
Total ...	62,768 0 0	65,233 0 0	Total ...	62,710 4 10	64,460 12 7

*Statement of College Receipts credited to Government.*

Heads			1938-39	1939-40
			Rs. a. p.	Rs. a. p.
Fees from Students	...	...	15,560 0 0	15,570 0 0
Miscellaneous	...	...	37 8 0	408 12 0
Total	...	...	15,597 8 0	15,978 12 0

TABLE XI-E.

## BOMBAY VETERINARY COLLEGE.

Showing the main results of Veterinary Colleges and Schools during the year ending 31st March 1940.

1	Veterinary Colleges and Schools	2 Name of course of instruction if more than one course followed	Number of Students						Students admitted during the year classed by educational qualifications		
			Admitted during the year		5 Passed Final Examination during the year	6 Failed to pass Final Examination	7 Remaining under instruction at the end of the year	8 Instruction prolonged by reason of failure to pass	9 Matriculation or higher qualifications	10 Knowing English but not Matriculated	11 Knowing no English
			3 Scholarships-holders	4 Others							
Bombay College.	Veterinary	.....	No. 15	No. 33	No. 48	No. 8	No. 110	No. 28	No. 48	No. ...	No. ...

1	Receipts			Expenditure				Employment of students who passed out during the three years preceding					23 Remarks
	12 From Fees	13 From other sources	14 Total	15 Salaries of Instructing Staff	16 Other expenses	17 Total	18 Total number passed	19 In service of Government or Local Bodies	20 In service of other bodies or Institutions	21 In private practice	22 Number unemployed		
												Rs. a. p.	
Bombay Veterinary College.	15,570 0 0	408 12 0	15,978 12 0	33,945 8 4	30,505 4 7	64,450 12 7	75	55	18	...	2		

TABLE XII.

*Financial Statement of the Bombay City and Harbour  
Veterinary Department for the year 1939-40.*

Budget Head	Allotment		Budget Head	Expenditure	
	1938-39	1939-40		1938-39	1939-40
	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
Establishment ...	15,971 0 0	17,266 0 0	Establishment ...	15,943 8 0	17,262 6 0
Conveyance Allowance to Inspecting Staff and other allowances.	3,200 0 0	3,218 0 0	Conveyance Allowance to Inspecting Staff and other allowances.	3,295 12 0	3,217 6 0
Contingent Expenditure.	2,950 0 0	2,660 0 0	Contingent Expenditure.	2,871 0 5	2,656.12 11
Total ...	22,221 0 0	23,144 0 0	Total ...	22,110 4 5	23,135 8 11

*Statement of receipts of the Bombay City and Harbour  
Veterinary Department credited to Government.*

Head	1938-39	1939-40
	Rs. a. p.	Rs. a. p.
Charges for feeding, medicines and attendance of horses at the Lazaretto.	0 0 0	5 4 0
Miscellaneous ...	0 0 0	0 0 0
Total ...	0 0 0	5 4 0

TABLE XIII.

*Financial Statement of the office of the Veterinary Investigation Officer, Bombay Province, for the year 1939-40.*

Heads					Actual expenditure		
					Rs.	a.	p.
<i>Grants made by the Imperial Council of Agricultural Research.</i>							
Pay of officer	...	...	...	...	6,358	1	0
Travelling allowances	...	...	...	...	1,611	13	0
Total					7,969	14	0
<i>Grants made by the Government of Bombay.</i>							
Leave salary to Officer...	...	...	...	...	442	2	0
Leave salary to Establishment	...	...	...	...	113	2	0
Pay of establishment	...	...	...	...	988	7	0
Travelling Allowances to Establishment	...	...	...	...	620	5	0
<i>Contract contingencies.</i>							
Carriage and Records	...	...	...	...	330	1	0
Other charges	...	...	...	...			
<i>Non-contract contingencies.</i>							
Service Postage and Telegrams	...	...	...	...	294	10	5
Experiments	...	...	...	...			
Chemicals	...	...	...	...			
Other charges	...	...	...	...			
Total					2,988	11	5
Grand Total					10,958	9	5

