



BRR No: - 926 of 1941

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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 1940-41



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BOMBAY

PRINTED AT THE GOVERNMENT CENTRAL PRESS

Obtainable from the Superintendent, Government Printing and Stationery, Bombay, or through the High Commissioner for India, India House, Aldwych, London, W.C.2, or through any recognized Bookseller

Price—Annas 5 or 6d.

1941



ANNUAL ADMINISTRATION REPORT OF THE CIVIL VETERINARY DEPARTMENT, BOMBAY PROVINCE, FOR THE YEAR 1940-41.

I. ADMINISTRATION.

I continued to hold charge of the post of Director throughout the year under report. I was on tour for 117 days and travelled 10,651 miles by rail and 2,638 miles by road. During the course of my tours I visited 15 districts, inspected the Bombay Veterinary College, the office of the Veterinary Inspector, Central Range and 51 Veterinary hospitals and dispensaries. I also inspected and selected sites and buildings for 7 dispensaries, visited the Northcote Cattle Breeding Farm, the dairy of the Rawalgaon Sugar Factory near Malegaon, District Nasik, the Nandurbar Pinjrapole and the Yeravda Stud Farm. I inspected cattle dipping and spraying operations at Turkewadi, Benkatti, Devgiri, Kumbhari and Halkar. I opened one more dipping tank at Tandulwadi in Walva Taluka of Satara district and also a veterinary dispensary started by Nandgaon Municipality. I held meetings of Veterinary Inspectors and Veterinary Assistant Surgeons at which rural development problems were discussed and attended the meeting of the Rural Development Board at Ahmedabad.

I presided over the Board of Examiners appointed to conduct the annual examinations at the Bombay Veterinary College and conducted the supplementary examinations held in June and October and attended the meetings of the Advisory Board of the Imperial Council of Agricultural Research at Simla and Delhi and also the meeting of the Animal Husbandry Wing of the Board of Agriculture in India held at the Imperial Veterinary Research Institute, Izatnagar in November.

At headquarters I attended the meetings of the Provincial Agricultural Research Committee, the Provincial Fodder and Grazing Committee and the co-ordination meetings, held biennially, of the Heads of the Agricultural and Veterinary Departments and in Bombay was invited to attend a meeting of the Bombay-Sind Public Services Commission for the selection of a candidate for the post of Deputy Superintendent, Bombay City and Harbour Veterinary Department.

2. Mr. C. N. Desai held the post of Deputy Director and Personal Assistant to the Director, with the exception of a period of 18 days from 15th May during which he was on leave, throughout the year. During his absence on leave, I carried out his duties in addition to my own.

Mr. Desai was on tour for 38 days, travelled 2,906 miles by rail and 511 miles by road. He visited 6 districts, inspected 23 dispensaries and visited 14 villages. He attended the meeting of District Officers held by the Collector of Poona and conducted classes for rural development workers. In connection with the control of a wide-spread outbreak of Foot and Mouth Disease in Khed taluka and Ambegaon petha, Poona District, he visited that area and attended the Agricultural exhibition held at Vora Samni in Broach district.

II. VETERINARY INSTRUCTION.

3. *Staff*.—Mr. M. Mohey Deen, M.R.C.V.S., held the post of Principal throughout the year. Mr. K. R. S. Aiyer, G.B.V.C., Assistant Professor, was deputed to Mukteshwar for practical training in Pathology from 12th November and Mr. D. B. Khole, Hospital Surgeon, officiated for him and Mr. S. J. Khambete, Junior Veterinary Inspector in the Bombay City and Harbour Veterinary Department, was appointed to officiate as Hospital Surgeon. Mr. M. K. Garudachar, G.B.V.C., lecturer, was appointed to officiate as Veterinary Investigation Officer with effect from the 22nd January 1941 and Mr. G. H. Joshi, G.B.V.C., Veterinary Assistant Surgeon, Bandra, was appointed to officiate as lecturer.

4. Two new posts were sanctioned from the beginning of the Collegiate year viz. a Bacteriologist and a part-time lecturer in physiology. Mr. R. N. Naik, G.B.V.C., was appointed to the former and Dr. V. B. Desai to the latter.

5. *The Course of study*.—A revised course of study was introduced from this year and the minimum qualification required of candidates for admission to the College raised from Matriculation to Intermediate Science (B Group). The new curriculum is that recommended in 1934 by the Government of India. Some modifications in the existing buildings have had to be made and additional equipment purchased so that efficient practical instruction can be given in certain subjects.

6. *The Students*.—On 1st April 1940 there were 138 students on the College roll. Of these 23 left after having passed the final (diploma) examination and 4 discontinued the course after failing in their examinations or for other reasons. In June 10 new students were admitted making a total of 121 students at the beginning of the term. Five passed the final supplementary examination and three others left subsequently owing to their inaptitude for the course. There were, therefore, 113 students on the roll at the end of the year, a reduction of 25.

7. Of the 10 new students admitted, two were natives of Bombay Province, one was from H. E. H. the Nizam's Dominions, two from Mysore State, two from Travancore, one from Indore, one from Kashmir and one from Assam. The latter left the College during the first session. One student had passed the B.Sc. examination and nine the intermediate science examination.

8. *The Annual Examinations.*—The annual examinations were held in April as usual and the results were as follows :—

Year.				No. examined.	No. passed.	Percentage of passes.
Third or Class C	...	...	...	43	23	53.48
Second or Class B	...	...	...	44	25	56.81
First or Class A	...	...	...	51	24	47.06

9. The Board of Examiners considered that these results were satisfactory.

10. The supplementary examinations for students of Class A and B, who had failed in one subject only at the annual examination was held in the first week of June. This was an innovation resulting from a modification of the examination rules. At this examination 13 students from Class A and 8 from Class B were examined and 10 of the former and 5 of the latter passed. The supplementary examination for class C was held in October and of the 6 students appearing 5 passed.

11. *Scholarships.*—Of the 15 Government scholarships attached to the College, 6 were vacant. One scholar after graduating in April, left the College and one scholarship was withdrawn as the holder failed to pass his examination. Only one new scholarship was awarded during the year.

12. The Government of Sind continued stipends to 9 scholars already studying in the College but sent no new ones. Kotah State and H. E. H. the Nizam's Government, and Jodhpur, Bikaner, Mangrol, Jawhar and Kolhapur States and the Federated Malay States continued stipends to their scholars and Gwalior State awarded stipends to State scholars already attending the College. Kashmir, Hyderabad and Indore States each sent one new scholar. Thus of the 113 students attending the College, 33 were stipend holders and 80 were private students.

13. *Clinical Instruction.*—This was, as usual, carried out at the Bai Sakarbai Dinshaw Petit Hospital for Animals adjoining the College. During the year under report 7,085 animals were treated as against 7,258 in the previous year. Of these 2,786 viz. 478 equines, 642 bovines and 1,666 canines, were treated as inpatients. The average daily attendance of patients of all classes was 94. Twenty-four dogs were subjected to anti-rabic treatment.

14. *The Laboratory.*—The laboratory was used for the examination of material sent for diagnostic purposes and for teaching. Students received both practical and theoretical instruction in parasitology and in laboratory technique. Two thousand six hundred and eighteen specimens were received for examination and 947 were confirmed. The specimens are classified as follows:—

Disease.	Total specimens.	Positive specimens.
<i>Examination of smears.</i>		
Anthrax in cattle	83	25
Fowl Cholera	28	.....
Black Quarter disease	80	43
Tuberculosis in cattle	6	3
Hæmorrhagic Septicæmia	214	98
Pasteurellosis in goats	21	17
Johne Disease in cattle	4	.....
Spirochaetosis in fowls	3	.....
Strangles in horses	4	3
Contagious Granular Vaginitis in cattle	1	.....
Ulcerative Lymphangitis	1	1
Malignant Oedema in cattle	1	1
Bacillary Dysentery	2	.....
Tetanus in Fowls	1	.....
Babesiosis in Horses	7	1
Do. Cattle	46	16
Do. Sheep	1	.....
Do. Dogs	85	5
Coccidiosis in Dogs	5	5
Trypanosomiasis in horses	398	69
Coccidiosis in other animals and birds	12	2
Trypanosomiasis in cattle	8	3
Anaplasmosis in cattle	28	22
Theileriasis in cattle	8	8
Leukæmia in dogs	3	.....
Demodectic mange in dogs	23	5

Disease.	Total specimens.	Positive specimens.
<i>Examination of smears—contd.</i>		
Sarcoptic mange	72	18
Ringworm in cattle	6	1
Nasal Granuloma in cattle	5	2
Ticks	5	5
Ranikhet in fowls—blood smears	13	.....
Goat pox do.	2	.....
Rabies in cattle do.	1	.....
Dengue in cattle do.	4	.....
Roup in fowls do.	1	.....
Miscellaneous	100	8
<i>Faecal samples for parasitic infestation.</i>		
D. Caninum in dogs	42	22
A. Caninum in dogs	1,085	448
Toxocara canis in dogs	144	56
Other Cestodes in dogs	4	4
Ascaris equorum	5	4
Oxyuris equi in horses	2	2
Strongylus spp. in horses	3	3
Ciliates in horses	1	1
D. Hepaticum in cattle	5	2
O. Radiatum in cattle	1	1
Strongylus spp. in cattle	4	1
Trichuris Ovis in goats	5	3
Liver fluke in goat	1	1
O. Columbianum	2	2
Hæmoncius controtus	12	6
Ankylostomiasis monkey	2	2
Heterokiasis in parrot	1	1
Besides samples of urin examined	15	15
Do. milk do.	2	2
Total	2,618	947

Anaplasma marginale was demonstrated for the first time in this province and its identification was confirmed by the Imperial Veterinary Research Institute. *B. Equi* was also demonstrated for the first time in the past ten years.

15. *Riding Classes and Excursions.*—Riding classes were re-started this year. They were held at His Excellency the Governor's Body Guard lines and 40 students attended. Local excursions to places of interest were made for instructional purposes.

16. *The College Hostel and Gymkhana.*—The hostel was practically fully occupied during both terms. The general health of the students was good and there was no epidemic or serious case of illness. The College Medical Officer attended whenever necessary. The conduct of the students was satisfactory.

17. The usual indoor and outdoor games were provided by the Gymkhana and the athletic sport were held as usual.

18. *Employment of Graduates.*—It is a matter of satisfaction that practically all the graduates who passed out during the year have since obtained employment.

19. *College Buildings.*—The ordinary current repairs to the College buildings were carried out by the Public Works Department. Special repairs to the post-mortem rooms and two residential quarters were undertaken and some new minor works such as the installation of electric lighting in the College rooms and quarters, provision of a water tap and sink in the anatomical section and pharmacy, etc., were carried out during the year.

20. *Goat Virus Production.*—This work was placed under the Bacteriologist from the date of his appointment. Two lakhs eleven thousand one hundred and seventy-seven doses were produced as against 179,740 doses produced last year. The number of goats used for this purpose was 284. The sale proceeds of virus despatched to States was Rs. 3,425-4-0 and from used goats Rs. 300. Recovery of postal and other charges amounted to Rs. 183-11-0 and the total expenditure on production was Rs. 6,638-0-1.

21. *Extra Duties.*—In addition to his normal duties, the Principal and one Assistant Professor acted as members of the Board of Examiners. The Principal also examined animals and animal products intended for export and issued 17 certificates in that connection. A sum of Rs. 255 was realised and credited to Government.

III. SCHEMES SUBSIDISED WHOLLY OR IN PART BY THE IMPERIAL COUNCIL OF AGRICULTURAL RESEARCH.

22. (a) *Investigation of Disease.*—The period of the appointment of the Veterinary Investigation Officer was extended by one year up to 31st March 1941. Mr. R. N. Naik, G.B.V.C., held the post up to 15th June 1940 from which date he assumed his new duties as Bacteriologist at the Bombay Veterinary College. As however no one had been appointed to relieve him he retained charge of the

office of Veterinary Investigation Officer in addition to his own duties up to 23rd January 1941 when he was relieved by Mr. Garudachar.

As the post was more or less vacant during the greater part of the year the approved programme could not be followed to any great extent. Some work was done on *contagious bovine abortion* and in connection with investigations into the incidence of this disease, we were glad of the visit of the Research Officer on Contagious Abortion at the Imperial Veterinary Research Institute.

Work in connection with the control of Nasalgranuloma carried out in the previous year in a village in Dharwar District was checked up. It was found that although the disease had not been eradicated considerable improvement had been effected. This work is continuing.

An experiment was conducted, in consultation with the Director, Imperial Veterinary Research Institute, Mukteshwar, on the preparation of a *Foot and Mouth disease* vaccine.

A full report of the activities of this Officer has been forwarded to the Imperial Council of Agricultural Research and to Government.

(b) *Tick Control Scheme*.—Three dipping tanks and two spraying machines were working at the beginning of the year and one tank was opened during the year. One spraying machine was transferred from Hosakuli in Honavar Taluka, as it was not being taken advantage of there, to Halkar, a village near Kumtha. Here the people are fairly enthusiastic and the machine has been well patronised with considerable advantage to the local cattle. At the other plants, work proceeded normally. One more tank remains to be opened under this scheme.

(c) *Poultry Diseases*.—Sanction was accorded to this scheme during the year and an officer was selected and deputed to the Imperial Veterinary Research Institute for training.

IV. DISEASES OF LIVESTOCK.

23. Three thousand eight hundred and sixty-seven outbreaks of contagious disease were reported during the year, against 3,265 in the previous year. During the course of these outbreaks 96,933 animals were attacked and 16,963 died compared to 63,975 attacks and 20,420 deaths in 1939-40.

Table I.

Diseases of Equines.

24. *Glanders*.—One case was detected in Poona and the horse was destroyed. Fourteen incontact animals were subjected to the Mallein test but all gave negative reactions. No cases were detected in Bombay.

Surra.—Ninety cases were reported and 66 confirmed. Seven died and one was destroyed. One hundred and thirty ponies were treated with Naganol.

26. *Other Diseases*.—Thirty-two attacks and 7 deaths were recorded. Five horses are reported to have died from rabies and 2 from strangles.

Diseases of Bovines.

27. *Rinderpest*.—Four hundred and nine outbreaks were reported and 1,580 cattle and 2,633 buffaloes died from this cause. The heaviest losses were in East and West Khandesh. The only districts from which reports were not received were Sholapur and Bijapur.

28. *Foot and mouth disease*.—One thousand eight hundred and thirty-four reports were received and 1,827 outbreaks attended, an increase of 769 outbreaks. Sixty thousand five hundred and ninety six cattle and 10,731 buffaloes were affected and 167 cattle and 23 buffaloes are reported to have died. Ahmednagar, Nasik, Poona, East Khandesh, Kanara and Dharwar districts were most severely affected by this disease.

29. *Hæmorrhagic Septicæmia*.—In six hundred and eighty-three outbreaks of this disease, 1,201 cattle and 3,227 buffaloes died, Belgaum and Dharwar recording the heaviest mortality.

30. *Black Quarter*.—In 563 outbreaks reported and attended 2,764 cattle and 396 buffaloes succumbed. Reports were received from all districts except Ahmedabad, Kaira, Kanara, Kolaba and Bombay Suburban districts.

31. *Anthrax*.—Four hundred and seventeen cattle and 126 buffaloes died in 126 outbreaks attended by members of the staff. No reports were received from Ahmedabad, Surat and Kaira districts.

32. *Surra*.—Thirty cattle and 16 buffaloes are reported to have died from Surra in East Khandesh and Ratnagiri districts.

33. *Other diseases*.—Two hundred and sixty-six cattle and fifty-one buffaloes died. In a pinjrapole in Nasik district 138 cattle became seriously ill and died after being fed ground nut cake. Mortality ceased when the cake was discontinued. In blood smears prepared from one of these animals, hæmorrhagic septicæmia organisms were demonstrated while in those from another anthrax organisms were seen. Chemical and biological examination of samples of the cake failed to reveal anything likely to cause death.

Diseases of other animals.

Sheep and Goats.

34. *Anthrax*.—Thirteen sheep and 67 goats are reported to have died from Anthrax during the year.

35. *Sheep Pox.*—One thousand three hundred and eighty-nine attacks are recorded with 536 deaths in Ahmedabad, Surat, Poona, Satara, Sholapur, Belgaum and Dharwar districts.

36. *Goat Pox.*—Eighty-three goats are reported to have died from among 428 affected by this disease in Ahmedabad, Ahmednagar, Sholapur, Belgaum, Bijapur and Dharwar districts.

37. *Foot and mouth disease.*—In sheep and goats was reported from West Khandesh, Nasik, Poona and Belgaum districts. One hundred and thirty-seven sheep and 685 goats were attacked and 30 sheep and 30 goats died.

38. *Sheep Scab.*—Twelve sheep were affected in Bijapur district and 3 died.

39. *Goat Scab.*—Ninety-five goats were attacked in Surat district. There were no deaths.

40. *Other diseases.*—Two hundred and eighty-one sheep and 382 goats are reported to have died in Ahmedabad, Thana, Ahmednagar, Sholapur, Broach, East Khandesh, West Khandesh, Nasik, Poona, Bijapur and Dharwar districts.

Canines.

41. *Rabies.*—Sixty-six deaths are reported.

Fowls.

42. *Fowl Cholera.*—Two hundred and thirty-six deaths are reported from Kaira, Surat, Ahmednagar, East and West Khandesh, Poona, Satara, Bijapur and Kolaba districts.

43. *Ranikhet Disease.*—One thousand seven hundred and thirteen deaths are reported from Kaira, Thana, Ahmednagar, West Khandesh, Poona, Satara, Sholapur, Belgaum, Bijapur, Dharwar and Bombay Suburban districts.

44. *Fowl Pox.*—Two hundred and twenty-seven deaths are recorded from Ahmedabad, Broach, Panch Mahals, Ahmednagar, Poona, Sholapur, Satara, Belgaum, Bijapur and Kanara districts.

45. *Other diseases.*—Seven deaths were reported under this head.

Preventive Measures.

46. *Rinderpest.*—In eight affected villages 493 animals were given prophylactic treatment with antirinderpest serum of which 6 died subsequently from this disease. In 314 villages 51,291 animals were given goat adapted virus and of these 128 animals died subsequently while in 27 villages 1,225 animals were treated with serum and virus of which 2 died.

Table II.

In 272 clean villages, 28,733 animals were treated with goat adapted virus and of these 8 are reported to have died subsequently from the reaction. In addition to this, 366 animals were treated with virus and serum in 11 villages without mortality.

47. *Hæmorrhagic Septicæmia*.—Six thousand nine hundred and ninety-five animals were protected in 130 villages prior to the onset of the monsoon season, while during the course of 431 outbreaks 21,696 were vaccinated and 15,374 were inoculated with anti-serum and 57 with serum and vaccine. Of these 10 vaccinated and 30 of those receiving serum alone are reported to have died. It will be observed that vaccine was used much more extensively during the course of outbreaks this year, partly because it confers immunity for a longer period and partly because it is cheaper. The results of this innovation were satisfactory.

48. *Black Quarter*.—Thirty-four thousand three hundred and ninety head of stock were vaccinated in 372 villages during the course of outbreaks and of these 18 died. One thousand six hundred and twenty-eight were vaccinated in 47 clean villages.

49. *Anthrax*.—Six hundred and eighty-seven head of stock were inoculated with anti-anthrax serum and 539 vaccinated with spore vaccine in 19 outbreaks and 3 animals inoculated with serum died subsequently. Eleven animals received spore vaccine in a clean village.

50. *Fowl Cholera and Fowl Pox*.—Two hundred and forty-six birds were protected against these diseases and 10 of these died.

V. HOSPITALS AND DISPENSARIES.

51. There were 120 State-aided veterinary hospitals and dispensaries at the beginning of the year.
 Table III. Ahmedabad District Local Board took over control of the Sanand Veterinary dispensary from the Village Improvement Committee during the year under report and the services of a Veterinary Assistant Surgeon were loaned to the Board to take charge of this institution and a grant-in-aid was allotted. There were therefore 121 hospitals and dispensaries at the close of the year.

52. In these institutions, 285,283 patients were treated and 34,811 animals castrated. This is an improvement on the figures for 1939-40 when 260,440 patients were treated and 36,450 animals castrated. The average daily attendance at all institutions was 22.66 the highest attendances being recorded at Sholapur (83.58), Jalgaon (78.87), Ahmedabad (71), Poona City (67.5) and Belgaum (1.6).

53. *Buildings*.—The construction of the veterinary dispensary buildings at Sindgi and of the veterinary hospital buildings at Hubli was completed. Work was started on the buildings for the veterinary dispensary, Bhusaval.

Work in villages.

54. Sixteen thousand and forty-six villages were visited by the subordinate staff. It was possible to extend the tours of the Veterinary Assistant Surgeons in the last quarter of the year as additional funds were allotted for the purpose. In addition to their disease control operations, the members of the staff treated 51,650 animals for contagious diseases and 52,780 for non-contagious diseases and castrated 24,499 animals during the course of their visits to villages. The corresponding figures for the previous year were, 13,561 villages visited, 27,563 animals treated for contagious diseases, 41,739 animals treated for non-contagious diseases and 19,883 castrated.

Table IV.

Prevention of Cruelty to Animals.

55. Five hundred and fifty-three cases were sent to Veterinary infirmaries by Magistrates, mostly at Sholapur and Dholka. Four hundred and forty-three owners were convicted for offences under the Act.

56. The Societies for the Prevention of Cruelty to Animals at Ahmedabad and Poona continued to maintain their dispensaries for the treatment of Animals. The travelling motor dispensary maintained by the latter Society was not able to do its usual amount of touring as no officer was available to accompany it. Four hundred and two cases were treated.

VI. SUBORDINATE STAFF.

57. *Inspectors.*—One Veterinary Inspector was in charge of each of the three ranges into which the Province has been divided.

Mr. J. G. Gokhale was in charge of the Northern Range throughout the year except for 8 days when he was on leave on average pay. During this period Mr. M. H. Bhatt, Veterinary Assistant Surgeon, Surat, was in charge of the office in addition to carrying out his own duties.

Mr. Gokhale was on tour for 267 days and inspected all the dispensaries in his range once or twice. He visited 81 villages on outbreak duty and for checking the work of the Veterinary Assistant Surgeons. He also visited 12 pinjrapoles, inspected 20 stud bulls, attended 1 cattle show, 1 cattle fair and 2 cattle markets and attended meetings held in his range in connection with rural development work.

58. Mr. G. V. Dadhe was in charge of the Central Range. His headquarters were transferred from Ahmednagar to Poona from 1st December 1940 as a measure of economy. He was on tour for 254 days, inspected the majority of the hospitals and dispensaries

in his range twice and visited 171 villages for checking the work of the veterinary Assistant Surgeons. He attended 21 outbreaks of disease, protected 738 head of stock and visited 10 cattle markets and 9 pinjrapoles. He conducted a class for officers of the Rural Development Department for 5 days.

59. Mr. E. R. Kulkarni was in charge of the Southern Range. He was on tour for 236 days, inspected all the dispensaries in his range twice, visited 74 villages for checking purposes and 12 cattle markets, 4 pinjrapoles, 12 cattle pounds, 5 agricultural and cattle breeding farms, 1 cattle camp and 2 fairs. He protected 135 animals against contagious diseases and attended rural development meetings in the various districts of his range.

60. *Veterinary Assistant Surgeons.*—At the end of the year 1939-40, 136 Veterinary Assistant Surgeons were employed in the mofussil, one at the Virus Depot, Bombay, and there was one vacancy. During the year under report one additional temporary Veterinary Assistant Surgeon was sanctioned for Sanand Veterinary dispensary. One Veterinary Assistant Surgeon was seconded for duty with the Agricultural Department, one was deputed for duty at the Bombay Veterinary College, two retired on reaching the age of superannuation, one was promoted to the rank of Veterinary Inspector and one died. Six new men were recruited. There were therefore still 136 men employed in the mofussil at the end of the year and one at the Virus Station, Bombay. Two vacancies remained unfilled.

VII. COST OF THE DEPARTMENT.

61. Expenditure on the Department amounted to Rs. 5,84,741-7-0
 Table IX. Of this sum, Rs. 4,38,296-2-9 was met from Provincial revenues and Rs. 1,46,445-4-3 from local funds. The Imperial Council of Agricultural Research contributed Rs. 4,890 in connection with the appointment of the Veterinary Investigation Officer and Rs. 350 for the scheme for investigating the diseases of poultry. The cost of the tick control scheme was met from the balance of the previous year's grant. Rs. 14,749 were contributed by the Central Government in connection with the administration of the Live Stock Importation Act.

VIII. GENERAL REMARKS.

62. This report records a general increase in the work done by the Department in all branches. As foreshadowed in my last report rinderpest showed a tendency to spread and consequently the number of animals protected against that disease has considerably increased. Foot and mouth disease also was more widespread and 60,596 cattle and 10,731 buffaloes were affected. Mortality was fortunately low. The incidence of the other diseases was more or less normal. The fees realised from the protection of stock against the various contagious diseases amounted to Rs. 9,382-11-9.

63. At the Bombay Veterinary College, a new curriculum has been introduced and the standard of admission raised. As anticipated this affected the number of candidates seeking admission but it is hoped that this will be a temporary set back only.

64. All members of the staff, professional and ministerial, worked well and have readily co-operated in furthering the activities of the Department. My thanks are due to all those gentlemen, both official and non-official who have so willingly assisted us in our work.

PROGRAMME OF WORK.

65. The energies of the Department will be directed towards the investigation of the causes and the application of preventive and curative treatment of the diseases of livestock and the training of those desirous of taking to the veterinary profession as a means of livelihood.

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

ANNUAL ADMINISTRATION REPORT OF THE BOMBAY CITY AND HARBOUR VETERINARY DEPARTMENT FOR THE YEAR 1940-41.

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. It also deals with the work connected with the Live Stock Importation Act.

2. *The Staff.*—I held charge of the office of Government Veterinary Officer for the City and Harbour of Bombay throughout the year under report. Mr. J. G. Kulkarni, the Deputy Superintendent, held charge of his appointment up to 12th of July 1940 when he proceeded on four months leave preparatory to retirement. From the 13th of July and onwards till the end of the year the charge of the office of Deputy Superintendent was held by me in addition to my own. The subordinate staff of Veterinary Inspectors remained unchanged with the exception of Mr. S. J. Khambete, who was deputed as Hospital Surgeon on the Veterinary College staff from the 10th of February 1941.

3. The routine work of the inspection of horses stabled in the City of Bombay and Bandra town for the detection of diseased cases under the Glanders and Farcy Act, was carried out as usual by the staff. During the year under report 3 confirmed cases of Surra were detected and removed to the Government Lazaretto; of which one was destroyed and two were treated with Naganol at the request of the owners. One recovered and was discharged and the other died due to debility while under treatment. There were no cases of Glanders, Farcy or Epizootic Lymphangitis during the year.

4. *Importation of Horses.*—The number of horses imported into Bombay during the year from overseas was 279 as shown below as against 923 last year and 1,457 horses and 2 Asses in the preceding year :—

Name of the port.				Horses.
English ports ... ..	...	...	...	134
Mediterranean Sea Ports ... ..	...	...	...	1
Persian Gulf Ports ... ..	...	...	...	122
Indian Ports ... ..	...	...	...	22
			Total ...	279

By breed they are classed as—English 147, Arabs 130 and 2 walers. Of these 126 horses were accompanied with valid certificates to the effect that they were free from symptoms of any disease. One hundred and thirty-one horses were tested with mallein under

the Live Stock Importation Act, 105 at the Dealers' Stables and 26 at the Government Lazaretto. All were found to be free from disease. There were no imports of horses from Australia during the year.

5. Of the 130 Arab horses imported from various ports 47 were for private owners and 83 for the ordinary Bombay market. Besides these 504 Indian bred horses were brought into Bombay from Northern Provinces for sale.

6. *Buildings.*—The usual repairs to the Lazaretto buildings were carried out and certain additions and alterations to the Inspectors' quarters were also undertaken.

M. MOHEY DEEN,
Principal,
Bombay Veterinary College, and
Government Veterinary Officer,
Bombay City and Harbour.

TABLE I

Statistics of Mortality from Contagious diseases and other causes

Name of District	Equines						
	Glanders	Surra	Donrinc	Anthrax	Other contagious and parasitic diseases	Total	Other causes
1	2	3	4	5	6	7	8
Ahmedabad
Broach and Panch Mahals
Kaira
Surat	1	1	...
Thana	4	...	...	...	4	...
Ahmednagar
East Khandesh
West Khandesh	4	4	...
Nasik	1	...	...	...	1	...
Poona ...	1	1	...	...	...	2	...
Satara
Sholapur	2	2	...
Belgaum
Bijapur
Dharwar
Kanara
Kolaba
Ratnagiri
Bombay Suburban District
Bombay City	3	...	...	...	3	...
Total ...	1	8	...	...	7	16	...
Total for 1939-40	18	...	...	3	20	...
Total for 1938-39 ...	1	64	...	2	15	82	...

1.

among Live-stock in the Province of Bombay during the year 1940-41.

Cattle								
9	10	11	12	13	14	15	16	17
Rinderpest	Hæmorrhagic Septicæmia	Foot and Mouth Disease	Black Quarter	Anthrax	Surra	Other contagious and parasitic diseases	Total	Other causes
67	2	.....	...	...	...	1	70	...
100	17	.....	49	1	...	7	174	...
173	1	.....	...	...	...	1	175	...
10	12	2	3	...	...	...	27	...
112	58	.....	16	13	...	2	201	...
15	119	32	349	59	...	7	581	...
450	46	24	...	4	21	23	568	...
291	32	26	10	21	...	3	383	...
264	92	6	100	6	...	6	474	138
12	29	19	341	1	...	9	411	...
9	107	1	253	15	...	3	388	...
.....	59	1	477	6	...	25	568	...
4	178	11	281	58	...	...	522	...
.....	43	.....	663	4	...	2	712	...
45	332	1	213	51	...	1	643	...
7	50	30	...	108	...	38	233	...
10	9	2	...	27	...	...	48	...
9	15	12	9	43	9	...	97	...
2	.....	.....	...	...	...	...	2	...
.....
1,580	1,201	167	2,764	417	30	128	6,267	138
1,135	1,533	159	4,239	562	187	132	5,047	...
862	1,662	302	4,475	709	139	141	8,290	...

TABLE

Name of District	Buffaloes						
	Rinderpest	Hemorrhagic Septicemia	Foot and Mouth Disease	Black Quarter	Anthrax	Surra	Other contagious and parasitic diseases
1	18	19	20	21	22	23	24
Ahmedabad ...	306	63	...	...	...	...	...
Broach and Panch Mahals ...	900	91	...	...	...	...	1
Kaira ...	75	16	...	...	...	...	2
Surat ...	58	134	9	...	2	...	...
Thana ...	37	45	...	...	4	...	...
Ahmednagar ...	3	30	1	10	2	...	5
East Khandesh ...	1,061	76	2	...	14	7	8
West Khandesh ...	550	98	2	2	10	...	3
Nasik ...	127	53	1	13	1	...	...
Poona ...	20	30	...	7	...	...	1
Satara ...	3	317	...	71	13	...	14
Sholapur ...	...	49	...	35	1	...	...
Belgaum ...	4	912	2	74	11	...	5
Bijapur ...	...	186	...	153	1	...	...
Dharwar ...	66	1,047	...	80	17	...	1
Kanara ...	9	17	6	...	10	...	4
Kolaba ...	3	28	...	...	15	...	...
Ratnagiri ...	...	45	...	1	14	9	...
Bombay Suburban District ...	46	...	...	...	11	...	7
Bombay City ...	65	...	...	...	...	...	...
Total ...	2,633	3,227	23	396	126	16	51
Total for 1939-40 ...	1,417	2,825	70	412	259	3	55
Total for 1938-39 ...	1,019	3,886	53	381	176	12	63

I—contd.

		Sheep							
Total	Other causes	Anthrax	Sheep Fox	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
369	4	..	...	...	2	6	...
292
93
203	4	...	...	...	...	4	...
86	52	52	...
51	...	11	...	...	...	..	159	170	...
1,168
665	...	2	...	...	30	...	...	32	...
195
48	93	...	...	...	...	93	...
418	140	...	...	...	...	140	...
85	25	...	...	...	35	60	...
1,008	130	...	...	...	...	130	...
340	3	29	32	...
1,161	140	...	...	...	4	144	...
46
46
69
54
65
5,472	...	13	536	...	30	3	281	863	...
5,044	...	12	643	164	...	40	878	1,737	...
5,589	...	232	74	...	10	...	1,055	1,371	...

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 ...	...	3	...	...	...	7	10	...
Broach and Panch Mahals ...	...	...	...	...	...	40	40	...
Kaira ...	...	...	...	...	...	...	...	...
Surat ...	...	...	...	...	...	...	...	...
Thana ...	...	...	...	...	...	...	...	...
Ahmednagar ...	30	37	...	...	...	159	226	...
East Khandesh ...	...	...	...	...	...	30	30	...
West Khandesh ...	9	...	...	10	...	1	30	...
Nasik ...	...	...	...	1	...	7	8	...
Poona ...	4	...	...	12	...	41	57	...
Satara ...	...	...	...	...	...	...	...	...
Sholapur ...	...	2	...	...	...	...	2	...
Belgaum ...	...	1	...	7	...	...	8	...
Bijapur ...	10	26	...	...	...	96	132	...
Dharwar ...	14	14	...	...	...	...	28	...
Kanara ...	...	...	...	...	...	...	...	...
Kolaba ...	...	...	...	...	...	...	...	...
Rainagiri ...	...	...	...	...	...	...	...	...
Bombay Suburban District ...	...	...	...	...	...	1	1	...
Bombay City ...	...	...	...	...	...	...	...	...
Total ...	67	83	...	30	...	382	562	...	
Total for 1938-40 ...	23	70	8	4	60	349	514	...	
Total for 1938-39 ...	215	81	...	57	...	568	921	...	

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
...
...
...
1	...	1	...	...	...	...	...	...	...
...
4	...	4	...	...	...	...	...	...	...
...
2	...	2	...	...	...	...	...	...	...
5	...	5	...	...	...	...	...	...	...
19	...	19	...	...	...	...	...	...	...
2	...	2	...	...	...	...	...	...	...
2	...	2	...	...	...	...	...	...	...
18	...	18	...	...	...	...	...	...	...
2	...	2	...	...	...	...	...	...	...
5	...	5	...	...	...	...	...	...	...
2	...	2	...	...	...	...	...	...	...
...
...
4	...	4	...	...	...	...	...	...	...
...
66	...	66	...	...	...	...	...	...	...
52	25	77	...	...	...	...	...	...	...
52	23	75	...	...	...	...	1	1	...

TABLE

Name of District	Cats					
	Pasteurellosis in cats	Undiagnosed diseases in cats	Epizootic Enyrtis in cats	Feline typhoid	Total	Other causes
1	53	54	55	56	57	58
Ahmedabad
Broach and Panch Mahals
Kaira
Surat
Thana
Ahmednagar
East Khandesh
West Khandesh
Nasik
Poona
Satara
Sholapur
Belgaum
Bijapur	283	.....	.....	283	.....
Dharwar	93	93	.....
Kanara
Kolaba
Ratnagiri
Bombay Suburban District
Bombay City
Total	283	.....	93	376	.....
Total for 1939-40	325	...	149	60	534	.....
Total for 1938-39

I—concl'd.

Fowls						All Animals.	
Fowl Cholera	Banikhet	Fowl Pox	Other Diseases	Total	Other causes	Total (contagious disease).	Total other causes.
59	60	61	62	65	64	65	66
...	...	18	...	18	...	473	...
...	...	34	...	34	...	540	...
10	93	...	...	33	...	301	...
2	...	...	...	2	...	238	...
...	315	...	...	315	...	658	...
5	59	6	...	70	...	1,102	...
23	...	...	7	30	...	1,796	...
2	5	...	...	7	...	1,113	...
...	...	...	...	...	...	821	...
17	738	80	...	895	...	1,465	...
41	62	9	...	112	...	1,090	...
...	165	29	...	193	...	912	...
...	153	6	...	159	...	1,855	...
105	158	30	...	293	...	1,794	...
...	5	...	...	5	...	2,079	...
...	...	16	...	16	...	297	...
31	...	...	...	31	...	125	...
...	...	...	...	...	...	166	...
...	30	...	...	30	...	101	...
...	...	...	...	...	...	67	...
236	1,713	227	7	2,183	...	16,963	...
303	3,817	311	16	4,447	...	30,420	...
460	5,024	32	128	5,644	...	21,973	...

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
Ahmednagar	Do.	Do.	Do.	1
East Khandesh	Do.	Do.	Do.	1
Poona	Do.	Do.	Do.	3
Dharwar	Do.	Do.	Do.	2
Total				8
<i>Infected Villages.</i>				
Ahmedabad	Rinderpest	Goat Virus Vaccination.	Bombay College. Veterinary	15
Broach and Panch Mahals.	Do.	Do.	Do.	16
Kaira	Do.	Do.	Do.	5
Surat	Do.	Do.	Do.	2
Thana	Do.	Do.	Do.	8
Ahmednagar	Do.	Do.	Do.	5
East Khandesh	Do.	Do.	Do.	127
West Khandesh	Do.	Do.	Do.	71
Nasik	Do.	Do.	Do.	40
Carried over				289

II.

Bombay Province during the year 1940-41.

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	463	5	...	...	41	...	...	3	...	...
1	650	...	...	46	...	...	46	...	...	...
1	400	...	...	4	...	...	42	...	...	...
3	314	15	...	...	181	...	...	4	...	...
2	752	5	...	...	183	...	...	...	...	...
8	2,578	25	...	50	406	...	88	6	...	...
15	6,850	190	...	...	1,618	...	...	9	...	...
16	18,711	299	...	...	1,568	...	...	...	...	...
5	5,214	89	...	...	466	...	...	7	...	...
2	800	50	...	...	178	...	...	8	...	...
8	2,620	128	...	...	687	...	...	2	...	...
5	3,906	38	...	...	789	...	...	1	...	...
127	77,449	1,521	...	...	93,278	...	...	55	...	...
71	42,020	1,534	...	...	11,492	...	...	19	...	...
40	24,474	336	...	...	8,544	...	...	29	...	...
289	182,044	4,185	...	...	47,620	...	...	123	...	...

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 ...				980
<i>Infected Villages—contd.</i>				
Poona	... Rinderpest ...	Goat Virus Vaccination.	Bombay Veterinary College.	8
Satara	... Do. ...	Do. ...	Do. ...	9
Belgaum	... Do. ...	Do. ...	Do. ...	1
Dharwar	... Do. ...	Do. ...	Do. ...	12
Kanara	... Do. ...	Do. ...	Do. ...	9
Total ...				314
<i>Clean Villages.</i>				
Ahmedabad	... Rinderpest ...	Goat Virus Vaccination.	Bombay Veterinary College.	20
Broach and Panch Mahals.	Do. ...	Do. ...	Do. ...	15
Surat	... Do. ...	Do. ...	Do. ...	4
Thana	... Do. ...	Do. ...	Do. ...	12
Ahmednagar	... Do. ...	Do. ...	Do. ...	7
East Khandesh	... Do. ...	Do. ...	Do. ...	57
West Khandesh	... Do. ...	Do. ...	Do. ...	52

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
289	182,044	4,185	...	...	47,620	...	...	123	...	...
8	1,738	19	...	...	663	...	...	...	...	...
2	500	1	...	...	109	...	...	...	...	...
1	1,898	5	...	...	39	...	...	...	...	...
12	11,019	104	...	...	2,694	...	...	5	...	...
2	349	13	...	...	66	...	...	...	...	...
314	1,97,548	4,327	...	...	51,291	...	...	128	...	...
.....	11,239	...	...	...	986	...	...	...	...	...
.....	5,600	...	...	...	1,836	...	...	...	...	...
.....	1,004	...	...	...	238	...	...	...	...	...
.....	3,075	...	...	...	943	...	...	...	...	...
.....	4,932	...	...	...	1,080	...	...	...	...	...
.....	63,087	...	...	...	13,001	...	...	4	...	...
.....	27,380	...	...	...	4,478	...	...	...	...	...

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—contd.</i>				
Nasik	Rinderpest	Goat Virus Vaccinations.	Bombay Veterinary College.	8
Poona	Do.	Do.	Do.	5
Satara	Do.	Do.	Do.	7
Sholapur	Do.	Do.	Do.	9
Belgaum	Do.	Do.	Do.	1
Bijapur	Do.	Do.	Do.	8
Dharwar	Do.	Do.	Do.	30
Kolaba	Do.	Do.	Do.	7
			Total	272
<i>Infected Villages.</i>				
Ahmedabad	Rinderpest	Sero-Vaccination.	Imperial Research Mukteswar Bombay College. Veterinary Institute. and Veterinary	1
Kaira	Do.	Do.	Do.	5
Thana	Do.	Do.	Do.	5
Ahmednagar	Do.	Do.	Do.	1
East Khandesh	Do.	Do.	Do.	10
Poona	Do.	Do.	Do.	4
Satara	Do.	Do.	Do.	1
			Total	37

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
.....	6,547	...	...	...	1,141	...	...	...	...	...
.....	3,000	...	...	...	432	...	...	..	...	...
....	4,750	...	...	...	103	...	...	...	...	...
.....	8,695	...	...	...	1,110	...	...	...	...	...
.....	9	...	...	...	9	...	...	...	...	...
.....	7,156	...	...	...	665	...	...	...	...	...
.....	23,076	...	...	...	2,282	...	...	4	...	...
....	2,300	...	...	...	490	...	...	...	...	...
.....	171,830	...	...	...	28,733	...	...	8	...	...
1	300	5	...	...	10	...	...	...	...	...
5	5,214	15	..	...	169	...	...	...	...	...
5	5,000	14	...	...	600	...	...	1	...	...
1	36	2	...	...	34	...	...	1	...	...
10	4,020	17	...	...	196	...	...	...	...	...
4	206	3	...	...	261	...	...	...	...	...
1	350	3	...	...	25	...	...	...	...	...
27	15,326	59	...	...	1,225	...	...	2	...	...

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	... Rinderpest ...	Sero-Vaccination.	Imperial Research Mukteswar and Bombay Veterinary College.	1
West Khandesh	... Do. ...	Do.	Do.	9
Kanara	... Do. ...	Do.	Do.	1
Total ...				11

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
.....	150	...	...	...	2	...	...	...	...	...
.....	6,730	...	...	...	274	...	...	...	...	...
.....	115	...	...	...	89	...	...	...	...	...
.....	6,995	...	...	...	366	...	...	...	...	...

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	Hæmorrhagic Septicæmia.	Serum alone	Imperial Research Veterinary Institute.	1
Broach and Panch Mahals.	Do.	Do.	Do.	2
Surat	Do.	Do.	Do.	8
Thana	Do.	Do.	Do.	10
Ahmednagar	Do.	Do.	Do.	13
East Khandesh	Do.	Do.	Do.	4
West Khandesh	Do.	Do.	Do.	7
Nasik	Do.	Do.	Do.	7
Poona	Do.	Do.	Do.	2
Satara	Do.	Do.	Do.	14
Solapur	Do.	Do.	Do.	4
Belgaum	Do.	Do.	Do.	40
Bijapur	Do.	Do.	Do.	6
Dharwar	Do.	Do.	Do.	55
Kolaba	Do.	Do.	Do.	2
Ratnagiri	Do.	Do.	Do.	5
Total				180

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	461	11	...	...	461	...	...	4	...	...
2	1,160	21	...	...	375	...	...	4	...	...
8	2,905	61	...	...	564	...	...	...	...	...
10	1,625 195*	96	...	53	381	...	109	2	...	...
13	2,483 3,322*	78	...	25	1,340	...	201	...	...	...
4	7,850	17	...	...	300	...	...	...	...	...
7	1,900	37	...	...	380	...	...	1	...	...
7	5,190	36	...	...	265	...	...	1	...	...
2	320	9	...	...	236	...	...	...	...	...
14	16,500	172	...	...	545	...	...	...	...	...
4	4,784	46	...	...	216	...	...	...	...	...
40	29,783	271	...	...	2,343	...	...	6	...	...
6	6,450	164	...	...	2,783	...	...	1	...	...
55	37,370	478	...	...	4,810	...	...	10	...	...
2	550	8	...	...	76	...	...	...	...	...
6	2,600	41	...	...	299	...	...	1	...	...
180	129,821 3,547*	1,546	...	78	15,374	...	310	30	...	...	*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>				
Poona	... Hemorrhagic Septicæmia.	Serum alone	... Imperial Veterinary Research Institute, Mukteswar.	1
Satara	... Do.	... Do.	... Do.	1
Total ...				2
<i>Infected Villages.</i>				
Ahmedabad	... Hemorrhagic Septicæmia.	Vaccination	... Imperial Veterinary Research Institute, Mukteswar.	1
Broach and Mahala.	Panch Do.	... Do.	... Do.	6
Kaira	... Do.	... Do.	... Do.	3
Surat	... Do.	... Do.	... Do.	15
Thana	... Do.	... Do.	... Do.	6
Ahmednagar	... Do.	... Do.	... Do.	9
East Khandesh	... Do.	... Do.	... Do.	1
West Khandesh	... Do.	... Do.	... Do.	2
Nasik	... Do.	... Do.	... Do.	7
Poona	... Do.	... Do.	... Do.	1
Satera	... Do.	... Do.	... Do.	15
Sholapur	... Do.	... Do.	... Do.	7
Belgaum	... Do.	... Do.	... Do.	48
Bijapur	... Do.	... Do.	... Do.	4
Dharwar	... Do.	... Do.	... Do.	76
Kanara	... Do.	... Do.	... Do.	1
Total ...				202

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
.....	94	...	...	...	69	...	...	...	...	...
.....	800	...	...	...	35	...	...	...	...	...
.....	894	...	...	...	104	...	...	...	...	...
1	200	5	...	...	20	...	...	...	...	...
6	5,600	31	...	...	178	...	...	...	...	...
3	2,160	18	...	...	606	...	...	...	...	...
15	6,450	61	...	...	1,320	...	...	...	...	...
6	1,250	25	...	...	298	...	...	...	...	...
9	3,585 400*	25	...	40	687	...	200	...	...	...	* Sheep and Goats.
1	6,000	14	...	...	131	...	...	...	...	...
2	1,000	11	...	...	90	...	...	...	...	...
7	4,100	49	...	...	716	...	...	...	...	...
1	400	15	...	...	61	...	...	...	...	...
15	11,544	139	...	...	696	...	...	1	...	...
7	4,465	77	...	...	574	...	...	...	...	...
48	37,283	354	...	...	3,535	...	...	5	...	...
4	4,750	42	...	...	625	...	...	...	...	...
76	59,247	805	...	...	8,738	...	...	3	...	...
1	100	3	...	...	41	...	...	...	...	...
202	148,134 400*	1,474	...	40	18,556	...	200	9	...	...

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>				
Satara	Hemorrhagic Septicæmia.	Vaccination	Mysore Serum Institute, Bangalore.	11
Belgaum	Do.	Do.	Do.	27
Dharwar	Do.	Do.	Do.	8
Ratnagiri	Do.	Do.	Do.	2
Total ...				48
Grand Total of Hemorrhagic Septicæmia Vaccination (Infected Villages).				250
<i>Clean Villages.</i>				
Ahmedabad	Hemorrhagic Septicæmia.	Vaccination	Imperial Veterinary Research Institute, Mukteswar.	5
Broach and Mahals.	Do.	Do.	Do.	20
Kaira	Do.	Do.	Do.	17
Surat	Do.	Do.	Do.	14
Thana	Do.	Do.	Do.	14
Ahmednagar	Do.	Do.	Do.	1
East Khandesh	Do.	Do.	Do.	4
Nasik	Do.	Do.	Do.	2
Satara	Do.	Do.	Do.	17
Belgaum	Do.	Do.	Do.	16
Bijapur	Do.	Do.	Do.	7
Dharwar	Do.	Do.	Do.	8
Kanara	Do.	Do.	Do.	2
Total ...				127
<i>Clean Village.</i>				
Satara	Hemorrhagic Septicæmia.	Vaccination	Mysore Serum Institute, Bangalore.	1
Total ...				1
Grand Total of Hemorrhagic Septicæmia Vaccination (Clean Villages).				128

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
11	9,506	59	...	...	421	...	...	...	...	...
27	29,563	182	...	...	1,934	...	...	1	...	...
8	5,618	61	...	...	679	...	...	...	...	...
2	1,300	16	...	...	106	...	...	...	...	...
48	45,887	318	...	...	3,140	...	...	1	...	...
250	1,94,121 400*	1,792	...	40	21,696	...	200	10	...	...
.....	1,140	...	...	...	669	...	...	...	...	...
.....	11,415	...	...	...	609	...	...	...	...	...
.....	18,240	...	...	...	1,158	...	...	...	...	...
.....	5,737	...	...	...	954	...	...	1	...	...
.....	4,236 106*	...	...	...	1,222	...	127	...	...	...
.....	100	...	...	...	40	...	...	...	...	...
.....	602	...	...	...	274	...	...	...	...	...
.....	1,125	...	...	...	87	...	...	...	...	...
.....	8,200	...	...	...	247	...	...	...	...	...
.....	11,564	...	...	...	502	...	...	...	...	...
.....	1,324	...	...	...	206	...	...	...	...	...
.....	4,471	...	...	...	693	...	...	...	...	...
.....	150	...	...	...	71	...	...	...	...	...
.....	68,264 106*	...	...	...	6,822	...	127	1	...	...
.....	1,000	...	...	...	63	...	...	...	...	...
.....	1,000	...	...	...	69	...	...	...	...	...
.....	69,364 106*	...	...	...	6,891	...	127	1	...	...	* Sheep and 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>Infected Villages.</i>				
Bijapur	Hæmorrhagic Septicæmia.	Sero-Vaccination.	Imperial Research Institute, Mukteswar.	1
			Total ...	1
<i>Infected Villages</i>				
Broach and Panch Mahals.	Black Quarter.	Vaccination	Imperial Research Institute, Mukteswar.	1
Ahmednagar	Do.	Do.	Do.	51
Nasik	Do.	Do.	Do.	10
Poona	Do.	Do.	Do.	29
Satara	Do.	Do.	Do.	48
Sholapur	Do.	Do.	Do.	55
Belgaum	Do.	Do.	Do.	41
Bijapur	Do.	Do.	Do.	91
Dharwar	Do.	Do.	Do.	42
Ratnagiri	Do.	Do.	Do.	4
			Total ...	272
<i>Clean Villages.</i>				
Ahmednagar	Black Quarter.	Vaccination	Imperial Research Institute, Mukteswar.	8
Poona	Do.	Do.	Do.	4
Satara	Do.	Do.	Do.	18
Sholapur	Do.	Do.	Do.	7
Belgaum	Do.	Do.	Do.	3
Bijapur	Do.	Do.	Do.	4
Dharwar	Do.	Do.	Do.	3
			Total ...	47

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	500	13	...	...	57	...	...	...	...	...
1	500	13	...	...	57	...	...	...	...	...
1	1,500	1	...	...	52	...	...	...	...	...
51	27,530	315	...	...	6,857	...	...	1	...	...
10	5,964	52	...	...	532	...	...	...	...	...
29	23,514	200	...	...	3,675	...	...	3	...	...
48	32,564	963	...	...	2,801	...	...	5	...	...
56	43,901 1,000*	383	...	35	3,920	...	36	1	...	...
41	28,644	358	...	...	3,041	...	...	5	...	...
91	61,413	685	...	...	8,131	...	...	3	...	...
42	23,287	194	...	...	5,102	...	...	...	...	...
4	1,900	12	...	...	248	...	...	...	...	...
373	250,217 1,000*	2,413	...	35	34,854	...	36	18	...	...	* Sheep and Goats.
.....	4,201	...	...	...	272	...	...	...	...	...
.....	800	...	...	...	11	...	...	...	...	...
.....	14,400	...	...	...	411	...	...	...	...	...
.....	2,398	...	...	...	155	...	...	...	...	...
.....	3,409	...	...	...	69	...	...	...	...	...
.....	1,018	...	...	...	267	...	...	...	...	...
.....	1,003	...	...	...	443	...	...	...	...	...
.....	27,229	...	...	...	1,628	...	...	...	...	...

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	... Anthrax	... Serum alone	... Imperial Research Institute, Mukteswar.	2
West Khandesh	... Do.	... Do.	... Do.	1
Nasik	... Do.	... Do.	... Do.	2
Sholapur	... Do.	... Do.	... Do.	2
Belgaum	... Do.	... Do.	... Do.	1
Dharwar	... Do.	... Do.	... Do.	5
Kanara	... Do.	... Do.	... Do.	2
Total ...				15
<i>Infected Villages.</i>				
Nasik	... Anthrax	... Vaccination	... Imperial Research Institute, Mukteswar.	1
Satara	... Do.	... Do.	... Do.	1
Dharwar	... Do.	... Do.	... Do.	2
Total ...				4
<i>Clean Village.</i>				
Dharwar	... Anthrax	... Spore Vaccination.	... Imperial Research Institute, Mukteswar.	1
Total ...				1
<i>Infected Villages.</i>				
Ahmednagar	... Fowl Pox	... Vaccination	... Imperial Research Institute, Mukteswar.	1
Belgaum	... Do.	... Do.	... Do.	1
Total ...				2

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
2	225	18	...	...	121	...	...	2	...	...
1	658	4	...	...	38	...	...	...	...	...
2	1,000	8	...	...	111	...	...	...	...	...
2	983	10	...	...	145	...	...	...	...	...
1	900	4	...	...	54	...	...	1	...	...
5	3,061	25	...	...	198	...	...	...	...	...
2	89	2	...	...	20	...	...	...	...	...
15	5,866	80	...	...	657	...	...	3	...	...
1	600	...	...	...	400	...	...	...	...	...
1	400	4	...	...	16	...	...	...	...	...
2	1,150	13	...	...	123	...	...	...	...	...
4	2,150	17	...	...	539	...	...	...	...	...
.....	12	...	...	...	11	...	...	...	...	...
.....	12	...	...	...	11	...	...	...	...	...
1	45	...	...	2	...	...	30	...	...	2	
1	5,000	...	...	6	...	...	9	...	...	...
2	5,045*	...	...	8	...	...	39	...	...	2	*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>				
Ahmedabad	Fowl Pox	Vaccination	Imperial Veterinary Research Institute, Mukteswar.	1
Broach and Pauch Mahals.	Do.	Do.	Do.	
Ahmednagar	Do.	Do.	Do.	1
Total ...				3
<i>Infected Villages.</i>				
Kolaba	Fowl Cholera.	Serum	Imperial Veterinary Research Institute, Mukteswar.	1
Total ...				1
<i>Infected Villages.</i>				
Kolaba	Fowl Cholera.	Vaccination	Imperial Veterinary Research Institute, Mukteswar.	1
Total ...				1
<i>Infected Villages.</i>				
Kolaba	Fowl Cholera.	Sero-Vaccination.	Imperial Veterinary Research Institute, Mukteswar.	1
Total ...				1
Grand Total ...				.....

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
.....	26	...	...	...	...	...	26	...	...	...
.....	100	...	...	...	...	...	100	...	...	2	
.....	200	...	...	...	...	...	60	...	...	...
.....	326*	...	...	...	...	...	186	...	...	2	*Fowls.
1	400	...	...	6	...	...	3	...	...	1	
1	400*	...	...	6	...	...	3	...	...	1	*Fowls.
1	400	...	...	20	...	...	4	...	...	3	
1	400*	...	...	20	...	...	4	...	...	2	*Fowls.
1	300	...	...	26	...	...	14	...	...	3	
1	300*	...	...	26	...	...	14	...	...	3	*Fowls.
.....	10,73,401 6,103† 6,471*	10,272	...	203† 60*	163,351	...	761† 246*	206	...	10*	†Sheep and Goats. *Fowls.

Statement showing the number of animals treated and castrated at

District.	Veterinary Number of Institutions.	Number of 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 ...	7	7	291	74	36	401	4,196	1,596
Broach and Panch Mahals.	6	6	215	82	27	324	5,167	1,660
Kaira ...	6	6	351	24	2	377	6,076	712
Surat ...	6	6	238	83	10	331	5,660	1,181
Thana ...	5	5	11	8	6	25	3,109	718
Ahmednagar ...	8	8	110	15	6	131	14,223	1,248
East Khandesh ...	12	12	149	32	8	189	32,559	2,761
West Khandesh ...	8	8	34	16	5	55	12,920	3,474
Nasik ...	7	7	120	36	49	205	13,184	1,450
Poona ...	7	7	568	58	90	716	11,723	847
Satara ...	11	11	147	7	4	158	14,918	657
Sholapur ...	7	7	418	42	11	471	9,073	1,111
Belgaum ...	6	6	317	25	39	381	10,351	589
Bijapur ...	8	8	46	5	4	55	10,646	920
Dharwar ...	9	9	183	12	14	209	10,554	396
Kanara ...	3	3	96	...	2	98	3,940	92
Kolaba ..	3	3	6	3	1	10	2,044	104
Ratnagiri ...	2	2	18	...	...	18	1,776	16
Total ...	121	121	3,318	522	314	4,154	172,119	19,462
Total in 1939-40 ...	120	120	3,159	529	262	3,970	159,229	18,868
Total in 1938-39 ...	120	120	3,219	560	313	4,182	160,046	20,200

III.

the Veterinary Hospitals and Dispensaries during the year 1940-41.

patients treated the year.		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.
3,111	8,903	9,304	1,126	88	23	51	111	14,707	10,675
1,593	8,350	8,674	1,492	349	17	21	387	6,638	7,022
869	7,557	8,034	1,421	...	...	5	5	6,047	6,882
2,041	8,882	9,213	1,801	359	89	267	715	9,637	8,649
2,068	5,915	5,940	1,165	169	4	7	180	9,127	8,952
3,102	18,573	18,704	4,118	6,763	5	29	6,797	9,746	10,468
6,487	41,807	41,996	2,797	2,968	246	24	3,238	17,537	17,537
2,769	19,163	19,218	2,298	849	500	11	1,360	10,976	11,386
2,596	17,330	17,435	1,731	2,271	90	6	2,367	15,822	15,581
3,531	16,101	16,817	2,843	2,694	6	30	2,730	12,616	12,616
2,912	18,487	18,645	4,888	3,067	3	125	3,195	16,944	16,847
3,676	13,860	14,331	1,632	2,241	7	154	2,402	8,265	9,379
3,714	14,654	15,085	3,296	2,414	30	479	2,923	10,584	10,584
3,848	15,414	15,469	2,676	3,716	22	1,126	4,864	9,200	10,269
3,873	14,823	15,032	978	1,893	17	1,170	3,080	22,247	12,903
489	4,451	4,549	3,408	148	...	21	169	4,425	4,181
376	2,524	2,534	1,625	121	3	...	124	3,982	3,982
376	2,168	2,186	2,992	158	1	5	164	2,896	3,118
47,381	238,962	243,116	42,167	30,218	1,062	3,531	34,811	1,90,505	1,80,981
44,714	222,811	226,781	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

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 ...	7	675	95	2	13	110
Broach and Panch Mahals ...	6	717	350	1	...	351
Kaira ...	6	539	4	1	...	5
Surat ...	6	784	765	28	11	804
Thana ...	5	691	370	...	3	373
Ahmednagar ...	8	1,260	4,915	...	18	4,933
East Khandesh ...	13	1,529	2,316	41	90	2,377
West Khandesh ...	8	1,201	1,202	35	54	1,291
Nasik ...	7	1,091	1,250	23	6	1,279
Poona ...	7	890	1,330	4	174	1,508
Satara ...	11	1,237	1,334	...	24	1,358
Sholapur ...	7	646	1,305	...	67	1,372
Belgaum ...	6	1,174	1,188	4	269	1,461
Bijapur ...	8	1,127	2,439	7	1,033	3,479
Dharwar ...	9	1,292	2,655	3	315	2,973
Kanara ...	3	472	222	...	5	237
Kolaba ...	3	431	165	...	...	165
Ratnagiri ...	2	290	433	...	...	433
Total ...	121	16,046	22,338	149	2,012	22,499
Total in 1939-40 ...	120	13,561	18,516	148	1,219	19,883
Total in 1938-39 ...	120	12,942	18,580	73	866	14,519

IV.

Veterinary Assistant Surgeons on tour during the year 1940-41.

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
320	11	76	407	1,304	168	59	1,531	2,048
1,313	...	69	1,382	1,990	248	151	1,699	3,432
640	...	55	695	2,167	33	109	2,309	3,006
1,270	...	285	1,555	3,407	335	56	3,800	5,168
263	77	11	351	920	275	68	1,263	1,987
7,676	...	201	7,877	1,984	151	151	2,286	15,096
4,911	...	54	4,965	5,203	330	210	5,743	13,985
2,651	...	33	2,684	3,472	573	85	4,130	8,105
6,487	...	140	6,627	2,788	254	...	3,125	11,031
4,265	...	64	4,329	1,262	49	59	1,410	7,337
2,498	...	92	2,590	5,846	106	344	6,296	10,244
635	1	71	727	2,001	81	74	2,156	4,255
3,871	...	257	3,128	4,406	126	179	4,711	9,300
2,930	...	249	3,179	2,925	197	214	3,336	9,994
4,243	...	116	4,359	6,137	67	137	6,341	13,673
4,816	3	40	4,859	1,127	3	6	1,136	6,222
1,098	77	...	1,175	1,125	42	89	1,256	2,598
761	...	...	761	247	...	6	253	1,447
49,668	169	1,813	51,650	47,611	3,089	2,130	52,750	128,929
55,801	71	1,601	27,563	37,820	2,443	1,475	41,739	89,185
43,642	253	2,491	46,386	29,824	1,906	1,303	33,033	93,318

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 ...	7,042	1,978	3,455	133	24	54
Broach and Panch Mahals.	9,521	2,143	1,858	699	18	21
Kaira ...	10,526	814	1,124	4	1	6
Surat ...	13,824	1,779	2,573	1,124	117	273
Thana ...	4,741	1,088	1,048	495	.....	6
Ahmednagar ...	32,618	1,562	3,738	11,578	5	47
East Khandesh ...	47,388	3,413	7,077	5,284	287	44
West Khandesh ...	21,911	4,430	3,280	2,051	535	65
Nasik ...	25,334	1,893	2,370	3,521	113	12
Poona ...	21,451	1,004	4,442	4,024	10	204
Satara ...	29,135	820	3,772	4,401	3	149
Sholapur ...	14,673	1,368	4,237	3,546	7	221
Belgaum ...	22,253	784	4,594	3,602	34	748
Bijapur ...	21,128	1,501	5,710	6,155	29	2,159
Dharwar ...	24,635	495	4,493	4,548	20	1,485
Kanara ...	13,571	28	580	370	.....	26
Kolaba ...	5,945	245	561	286	3	.....
Ratnagiri ...	6,175	27	422	591	1	5
Bombay Suburban ...	894	75	1,245	43	4	4
Bombay City ...	.....	.....	.....	.....	.....	.....
Total ...	333,527	25,193	57,189	52,556	1,211	5,743
Total for 1939-40 ...	273,385	23,946	52,394	5,0434	1,251	4,648
Total for 1938-39 ...	371,135	31,088	51,254	47,470	1,083	3,917

Bombay Province during the year 1940-41.

Live Stock population.						Remarks.
Bovines.		Equines.			Others	
Males.	Females.	Males.	Females.	Colts, Fillies, Mules and Donkeys.	Males and Females.	
175,228	208,870	2,425	3,856	12,171	160,815	
265,520	271,540	2,935	2,662	5,986	329,993	
130,687	281,608	599	1,113	6,059	139,138	
177,601	213,188	1,809	596	1,123	437,391	
261,584	242,753	2,325	136	578	535,809	
385,282	345,756	5,245	9,935	10,929	833,259	
285,299	302,884	5,546	1,664	6,663	328,063	
266,532	238,733	10,413	1,849	6,138	353,789	
351,454	350,170	7,127	2,940	6,298	601,885	
317,006	306,405	2,787	3,249	6,249	944,502	
303,907	380,872	2,165	1,733	4,431	1,053,928	
227,496	213,096	1,963	2,640	4,312	694,192	
263,102	315,934	1,434	1,379	3,617	669,618	
245,001	246,785	2,229	2,638	6,665	735,714	
285,773	299,851	1,211	773	4,455	379,323	
133,902	133,257	21	23	144	207,345	
196,236	179,289	477	214	972	517,285	
380,563	301,851	127	66	763	877,190	
10,871	30,977	306	65	588	30,407	
7,971	22,665	4,791	163	166	95,021	
4,757,113	4,976,546	56,095	37,704	88,872	9,925,602	
4,757,113	4,976,546	55,095	37,704	88,872	9,925,602	
4,868,561	5,092,933	61,660	39,706	86,053	3,792,846	

VI-A.

in the Bombay Province during the year 1940-41.

at stud.				Net cost for the year for the issue and maintenance of stud bulls.				Population of cows over 3 years according to Census.	Number of bulls.		Number of cows covered during the year.
Balance in hand on 31st March 1941.									Required to be maintained at one per hundred cows.	Short of requirements.	
Property of Government.	Property of Local Bodies.	Others (Gift Bulls).	Total.	Property of Government.	Property of Local Bodies.	Others (Gift Bulls).	Total.				
				Rs.							
106	...	1	106	...	...	...	...	91,022	910	804	2,653
57	5	33	95	...	...	...	...	1,28,611	1,286	1,191	2,170
2	...	3	5	...	...	...	...	1,88,109	1,881	1,876	50
15	...	...	15	...	...	...	...	1,47,576	1,480	1,465	100
16	..	5	21	...	...	...	...	1,14,034	1,140	1,119	180
6	...	...	6	...	...	...	...	87,308	873	867	45
35	...	19	54	...	...	...	...	1,05,140	1,051	997	1,336
27	...	3	30	...	...	...	...	79,627	796	766	
20	...	...	20	Rs. 19,352-12-0	...	Rs. 4,300-1-5	...	1,32,823	1,323	1,808	3,000
22	...	6	28	...	...	...	...	76,692	767	739	
4	...	8	12	...	...	...	...	21,170	212	200	800
8	...	9	17	...	...	...	...	79,856	799	782	350
3	...	19	15	...	...	...	...	62,702	627	612	382
69	3	12	84	...	...	...	...	92,781	927	843	1,665
6	...	35	41	...	...	...	...	78,394	784	743	
8	...	8	16	...	...	...	...	74,136	741	725	1,339
..	2	...	2	...	...	...	...	58,609	586	584	
...	...	...	...	...	...	...	...	1,33,930	1,339	1,239	134
4	...	1	5	...	...	...	...	3,949	40	35	
407	10	155	572	...	...	...	...	17,96,829	17,967	17,395	12,865
...	...	...	471	...	...	...	...	...	...	...	...
...	...	...	285	...	...	...	...	...	...	...	...

Scheme Bulls.

TABLE

Statement showing the numbers of approved male buffaloes

Name of District.	Number of approved bulls									
	Present on 1st April 1940.			Obtained during the year.						Casual the
	Property of Government.	Property of Local Bodies.	Others. (Gift Bulls.)	Number.			Average price paid per head.			Property of Government.
				Property of Government.	Property of Local Bodies.	Others. (Gift Bulls.)	Property of Government.	Property of Local Bodies.	Others. (Gift Bulls.)	
Sholapur ...	4	...	...	...	...	...	...	...	...	...
East Khandesh ...	1	...	...	...	...	1	...	...	...	...
Ahmedabad ...	3	...	...	...	...	...	...	...	...	3*
Kaira ...	3	...	9	...	...	3	...	...	...	1+1*
Broach and Panch Mahals.	2	...	...	...	...	...	...	...	...	1
Surat ...	1	...	...	1	...	...	Rs. 100.	...	...	...
Dharwar ...	3	...	1	3	...	1	...	...	...	...
Belgaum ...	3	...	...	...	...	2	...	...	...	...
Bijapur ...	...	...	...	...	...	2	...	...	...	...
Karwar ...	...	...	...	...	...	1	...	...	...	...
Total ...	20	...	10	4	...	9	...	...	...	6
Total for 1939-40 ...	...	...	...	...	...	...	...	...	...	...
Total for 1938-39 ...	...	...	...	...	...	...	...	...	...	...

VI-B.

at stud in the Bombay Province during the year 1940-41.

at stud.						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.
ties during year.	Balance in hand on 31st March 1941.									Required to be maintained at one per hundred she-buffaloes.	Short of requirements.	
Property of Local Bodies.	Others. (Gift Bulls.)	Property of Government.	Property of Local Bodies.	Others. (Gift Bulls.)	Total.	Property of Government.	Property of Local Bodies.	Others. (Gift Bulls.)	Total.			
...	...	4	...	...	4	...	...	...	38,637	386	382	200
...	...	1	...	1	2	...	...	...	90,275	903	901	...
...	...	...	...	...	...	...	...	...	113,199	1,132	1,132	100
...	1	1	...	10	11	...	...	...	1,31,823	1,318	1,307	1,040
...	...	1	...	...	1	Rs. 1,873-8-0.	...	...	79,931	799	798	400
...	...	2	...	...	2	...	...	...	67,567	676	674	100
...	1*	6	...	1	7	...	...	...	99,790	998	991	468
...	...	3	...	2	5	...	...	...	1,24,000	1,240	1,235	
...	...	...	...	2	2	...	...	...	70,611	706	704	...
...	...	...	...	1	1	...	...	...	26,714	267	266	...
...	2	18	...	17	35	...	...	...	8,42,547	8,425	8,390	2,266
...	...	...	...	...	30	...	...	...	...	...	...	...
...	...	...	...	...	28	...	...	...	...	...	...	...

TABLE VII.

Abstract of Particulars regarding Cattle Fairs and Shows held during the year 1940-41 in the Bombay Province.

Name of District.	Number of cattle fairs and shows held.	Total number of stock present.						
		Bulls.	Bullocks.	Cows.	Young stock.	Bufaloes.	Camels.	Others.
<i>Ahmedabad District.</i>								
Vantha	1	...	...	...	...	...	44	856
Sanand	1	12	...	450	50	...	...	...
<i>Broach and Panch Mahals District.</i>								
Vagra	1	1	60	4	30	5	...	...
<i>Kaira District.</i>								
Anand	1	9	31	19	34	53	...	65
<i>Surat District.</i>								
Chikhli	1	3	46	8	16	...	...	...
<i>Thana District.</i>								
Mhasa	1	1,000	4,500	150	500	1,000	...	75
<i>East Khandesh District.</i>								
Shengola	1	67	161	47	24	4	...	24
Maheji	1	...	250	...	...	...	...	...
Charwad	1	40	60	40	35	25	...	...
<i>West Khandesh District.</i>								
Dhulia	1	37	16	53	32	13	...	...
Shirpur	1	5	200	20	10	10	...	150
	1	1	4	4	...	...	...	...
Taloda	1	10	20	10	10	10	...	...
Sarangkheda	1	100	400	50	50	100	...	200

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.	
<i>Ahmedabad District.</i>							
Vantha ... ..	.....	.....	.....	.....	84	...	...
Sanand ... ..	.....	.....	.....	.....	...	...	50
<i>Broach and Panch Mahals District.</i>							
Vagra ... ..	.....	.....	.....	.....	...	...	100
<i>Kaira District.</i>							
Anand ... ..	.....	.....	.....	.....	...	...	251
<i>Surat District.</i>							
Chikhli ... ..	.....	.....	.....	.....	...	...	73
<i>Thana District.</i>							
Mhasa	30 to 60	40 to 60	15 to 25	20 to 40	...	...	100
<i>East Khandesh District.</i>							
Shengola ... ..	.....	.....	.....	.....	...	...	320
Maheji ... ..	.....	.....	.....	.....	...	...	50
Charwad ... ..	.....	.....	.....	.....	...	...	100
<i>West Khandesh District.</i>							
Dhulia ... ..	.....	.....	.....	.....	...	...	151
Shirpur	20	50	25	50	100	...	...
Taloda ... ..	.....	.....	.....	.....	...	...	9
Sarangkheda	30 to 100	25 to 175	20 to 80	20 to 100	...	...	20
					Horses,		

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 ... ..	.....	.....	.....	.....	.....	.....
Sasand	100	.....	30	130	100	2
<i>Broach and Panch Mahals District.</i>						
Vagra ... ..	.....	.....	30	30	30	10*
<i>Kaira District.</i>						
Anand	100	.....	200	300	151	2
<i>Surat District.</i>						
Chikhli	100	.....	.....	100	.....	2
<i>Thana District.</i>						
Mhasa ... ..	.....	.....	200	200	100	.....
<i>East Khandesh District.</i>						
Shengola	400	.....	400	800	167	82
Maheji	198	.....	12	210	192	31† 10‡ 10§
Charwad ... ..	.....	.....	75	75	75	30
<i>West Khandesh District.</i>						
Dhulia ... ..	.....	.....	.....	.....	.....	3
Shirpur ... ..	.....	.....	.....	.....	.....	.....
Taloda ... ..	.....	.....	50	50	50	2
Sarangkheda ... ..	.....	.....	.....	.....	.....	.....

* Certificates.

† Medals.

‡ Pagotees.

§ Uparnees

TABLE VII—*contd.*

Name of District.	Number of cattle fairs and shows held.	Total number of stock present.						
		Bulls.	Bullrocks.	Cows.	Young stock.	Buffaloes.	Camels.	Others.
<i>Nasik District.</i>								
Nasik	1	25	75	3	8	10	...	...
<i>Poona District.</i>								
Baramati	1	15	...	16	8	...	...	1
<i>Satara District.</i>								
Patkhal	1	250	70	1	140	...	...	...
Borgaon	1	184	126	1	56	...	...	...
Islampur	1	2,500	1,000	200	150	250	...	...
Brahmapuri	1	2,500	1,500	80	850	75	...	25
Ped	1	1,200	800	150	25	40	...	1,000
Khanapur	1	1,000	1,500	500	400	500	...	1,000
Mhaswad	1	567		61	...	66	...	22
Nagoba	1	2,544		625	...	173	...	43
Shingnapur	1	28	5	15	4	...	...	...
Anewadi	1	2,000	1,500	300	100	80	...	20
<i>Sholapur District.</i>								
"Gadda" fair at Sholapur.	1	1,100	400	300	250	200	...	400
Show of Welfare Society at Sholapur.	1	14	11	9	4	5	...	150
Pandharpur	1	900	300	200	300	100	...	1,500

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>Nasik District.</i>							
Nasik ... ..	.....	.....	.....	.....	...	...	50
<i>Poona District.</i>							
Baramati ... ..	.....	.....	.....	.....	...	...	40
<i>Satara District.</i>							
Patkhal	57	60	.....	.....	...	30	...
Borgaon	60	50	.....	.....	...	50	...
Islampur	60 to 150	40 to 100	20 to 50	40 to 100	...	...	...
Brahmapuri	75	40	40	40	...	...	...
Ped	75	30	8	16	...	...	...
Khanapur	50	75	30	60	...	...	...
Mhaswad ... ..	.....	.....	.....	.....	...	210	...
Nagoba ... ..	.....	.....	.....	.....	...	1,049	...
Shingapur ... ..	.....	.....	.....	.....	...	7	52
Anewadi	45	53	12	9	...	...	63
<i>Sholapur District.</i>							
"Gadda" fair at Sholapur.	.....	.....	.....	.....	...	...	...
Show of Welfare at Sholapur.	.....	.....	.....	.....	...	...	200
Pandharpur ... ..	.....	.....	.....	.....	...	...	...

TABLE VII—*contd.*

Name of District.	Prize money provided.					No. of medals awarded.
	From Provincial funds.	From local funds.	From other sources.	Total.	Amount actually awarded.	
	Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	
<i>Nasik District.</i>						
Nasik	25	.....	.....	25	25	.....
<i>Poona District.</i>						
Baramati	9	.....	9	9	.....
<i>Satara District.</i>						
Patkhal
Borgaon
Islampur
Brahmapuri
Ped
Khanapur
Mhaswad
Nagoba	300	.....	300	276	.....
Shingnapur	80	80	78	.....
Anewadi	7	7	7	2
<i>Sholapur District.</i>						
"Gadda" fair at Sholapur.	24*
Show of Welfare Society at Sholapur.	100	100	100	7
Pandharpur

* Silver cups.

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	1,200	900	50	300	50	...	10
Nandi	1	800	500	25	200	25	...	10
Barwad	1	2,000	2,500	20	450	10	...	20
Kokatnur	1	15	46	30	11	...	...	...
Athni	1	669	1,248	466	261	...	...	26
Mangsnli	1	425	1,000	320	350	...	...	...
Yadvad	1	600	1,200	50	25	50	...	...
Yellamma Fair at Sannhatti.	1	2,000	...	...	...	...	...	...
<i>Bijapur District.</i>								
Bijapur	1	3,500	10,000	400	1,000	100	...	...
Bagalkot	1	200	500	25	75	...	...	...
<i>Dharwar District.</i>								
Hubli	1	500	2,500	...	...	...	...	...
Singalur	1	100	3,000	...	...	...	...	...
Gungol	1	1,200	1,600	800	600	500	...	...
Shirhatti	1	1,300	1,600	400	500	400	...	...
Soodi	1	300	500	50	100	...	...	...
Sasvihalli	1	6	30	11	8	...	...	...
Rattihalli	1	2,000	3,000	100	1,000	...	...	...
Devargudda	1	...	...	3,365	...	...	...	...
<i>Kanara District.</i>								
Gokarn	1	...	...	20	...	95	...	...
Ulvi	1	...	480	...	...	...	...	...
Total ...	49	27,816	45,389	6,044	7,958	3,942	44	5,596
					3,111 3,615			
Total for 1939-40 ...	52	26,362	49,578	8,274	10,028	3,352	74	13,012
		4,146						
Total for 1938-39 ...	40	27,475	56,170	5,520	9,883	2,870	...	10,920

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	...	...	100
Nandi	75	50	25	30	...	...	75
Barwad	75	60	25	45	...	...	150
Kokatnur	100	60	40	.....	...	...	43
Athni	150	100	60	.....	...	...	300
Mangsuli ... ..	.....	.....	.....	.....	...	...	...
Yadyad	100	75	25	50	...	...	100
Yellamma Fair at Saundatti.	.....	.....	.....	.....	...	...	...
<i>Bijapur District.</i>							
Bijapur	100 to 200	50 to 100	25 to 50	20 to 70	...	...	208
Bagalkot	150	100	30	.....	...	...	100
<i>Dharwar District.</i>							
Hubli	50 to 85	40 to 75	.....	.....	...	...	60
Singtalur ... ..	.....	.....	.....	.....	...	...	25
Gungol	50 to 200	40 to 200	20 to 60	40 to 120	...	...	...
Shirhatti	50 to 200	40 to 200	25 to 100	40 to 120	...	...	45
Soodi	60	100	40	.....	...	...	46
Sasvihalli ... ..	.....	.....	.....	.....	...	...	55
Rattihalli	70	60	20	.....	...	...	120
Devargudda ... ..	.....	.....	.....	.....	...	431-0	36
<i>Kanara District.</i>							
Gokarn ... ..	.....	.....	25	60	...	...	...
Ulvi ... ..	.....	.....	.....	.....	...	...	...
Total ... ..	.....	.....	.....	.....	...	1,768-0	3,019
Total for 1939-40 ... ..	.....	.....	.....	.....	...	2,488-14	4,453
Total for 1933-39 ... ..	.....	.....	.....	.....	...	2,116-0	2,148

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 ... ..	.....	.....	150	150 0 0	150 0 0	2
Nandi ... ..	.....	.....	100	100 0 0	100 0 0	2
Barwad	25 0 0	.....	150	175 0 0	175 0 0	2
Kokatnur ... ..	.....	.....	25	25 0 0	25 0 0	.....
Athni	75 0 0	.....	125	200 0 0	.....	.....
Mangoli ... ..	.....	.....	.....	.....	.....	.....
Yadvad ... ..	.....	.....	100	100 0 0	100 0 0	20
Yellamma Fair at Saundatti.	.....	.....	.....	.....	.....	.....
<i>Bijapur District.</i>						
Bijapur	50 0 0	250	.....	300 0 0	180 0 0	61
Bagalkot ... ..	.....	200	150	350 0 0	.....	31
<i>Dharwar District.</i>						
Hubli ... ..	.....	.....	.....	.....	.....	20
Singalur ... ..	.....	40	.....	40 0 0	40 0 0	.....
Gungol ... ..	.....	.....	.....	.....	.....	.....
Shirhatti ... ..	.....	100	.....	100 0 0	85 0 0	3
Soodi ... ..	.....	.....	.....	.....	.....	8
Sasvihalli ... ..	.....	.....	.....	.....	.....	11
Ratihalli ... ..	.....	24	.....	24 0 0	24 0 0	23
Devargudda	50 0 0	50	10	110 0 0	103 0 0	43*
<i>Kanara District.</i>						
Gokarn ... ..	.....	.....	.....	.....	.....	.....
Ulvi ... ..	.....	.....	.....	.....	.....	.....
Total ...	1,123 0 0	973	1,994	4,090 0 0	2,342 0 0	348† 53* 10‡ 10§ 24||
Total for 1939-40 ...	795 5 0	968	1,681	3,444 5 0	2,178 9 0	210† 41* 92‡ 2**
Total for 1938-39 ...	355 0 0	835	1,243	2,434 0 0	1,403 0 0	113† 57** 4*

* Certificates. † Medals. ‡ Pagotees. § Upranees. || Silver cups. ¶ Prizes. ** Shields.

TABLE VIII.

The information showing statistics of live stock slaughtered in recognised slaughter houses will henceforth be included in the annual report of the Live Stock Expert to Government, Bombay Province, Poona.

TABLE IX.

Statement showing the cost of Civil Veterinary Department in the Bombay Province during the financial year 1940-41 including the cost of the Bombay Veterinary College and the Bombay City and Harbour Veterinary Department.

Major Head	Amount			Remarks.
	Provincial	Local	Total	
1. Superintendence	Rs. a. p. 73,004 4 6	.....	Rs. a. p. 73,004 4 6	
2. Veterinary Education and Research.	80,841 13 0	.....	80,841 13 0	
3. Subordinate Veterinary Establishment.	2,24,900 1 0	90,810 0 0	3,14,810 1 0	
4. *Hospitals and Dispensaries ...	(A) 56,765 7 11	90,171 0 0	1,46,936 7 11	
5. Breeding Operation (Horse) ...	.....	.....	.....
6. Other Charges:—				
(i) Goat Virus Producing Station.	6,538 0 1	.....	6,538 0 1	
(ii) Schemes partly or wholly subsidised by the Imperial Council of Agricultural Research—				
(a) Veterinary Investigation Officer.	6,094 8 9	.....	6,094 8 9	
(b) Scheme for control of ticks.	1,510 8 6	.....	1,510 8 6	
(c) Scheme for Investigation into Diseases of Poultry.	642 4 0	.....	642 4 6	
7. Charges in England	4,540 4 4	.....	4,540 4 4	
8. Loss or gain by exchange ...	7 14 8	.....	7 14 8	
Total ...	4,53,045 2 9	1,80,981 0 0	6,34,026 2 9	
<i>Deduct</i> —Government grants to Veterinary Hospitals and Dispensaries.	.....	34,535 11 9	34,535 11 9	
<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	
Net expenditure.	4,38,296 2 9	1,46,445 4 3	5,84,741 7 0	

Rs. a. p.

* (A) Grants to Veterinary Hospitals and Dispensaries 34,535 11 0
 Establishment under the Glanders and Farcy Act 22,229 12 2
 56,765 7 11

TABLE X.

Strength of Staff employed and how they are distributed.

Province.	How employed.	Whether paid from Provincial or Local Fund.	Service			Subordinate Veterinary Service.			
			Indian Veterinary Officers.	Provincial Officers.			Veterinary Inspectors.	Lecturers.	Veterinary Assistant Surgeons.
				Class I.	Class II.	Miscellaneous.			
Bombay.	Administration.	Provincial...	1	...	1	...	...	...
Do. ...	Education and Research.	Do. ...	...	1	4	1	...	3(a)	1(b)
Do. ...	Investigation...	Imperial Council of Agricultural Research.	...	...	...	1	...	...	...
Do. ...	In the Glanders and Farcy Department, Bombay.	Provincial...	...	...	...	1	...	...	7(c)
Do. ...	In District ...	{ Provincial. ... Local ...	...	...	...	...	3	...	135(d)
Do. ...	On the Scheme for the Control of Ticks.	Imperial Council of Agricultural Research.	...	...	...	...	...	...	1
Total ...			1	1	5	3	3	3	144

(a) Includes Hospital Surgeon of the College.

(b) On Goat Virus Producing Station.

(c) Veterinary Inspectors under Glanders and Farcy Act.

(d) 120 In charge of Veterinary Dispensaries.

15 Reserves.

TABLE XI-A.

BOMBAY VETERINARY COLLEGE.

Results of Professional Examinations, 1940-41.

Examinations	Total Candidates			Percentage of Passes
	Examined	Passed in Annual examinations.	Passed in supplementary examinations.	
Third Professional ...	48	23	5	65.11
Second " ...	44	25	5	68.18
First " ...	51	24	10	66.66
Total ...	138	72	20	66.66

TABLE XI-B.

BOMBAY VETERINARY COLLEGE.

Return showing changes in the number of Students in 1940-41.

Class	Number of Students on 1st April 1940	Withdrawn		Entries		Number of Students on 31st March 1941	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"	43	28	...	...	30	45	
Class "B"	44	1	30	...	34	47	
Class "A"	51	4	34	10*	...	21	
Total ...	138	33	64	10	64	118	

* Of these 2 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 1940-41.

Caste	Paying	Indian States and other Governments.	Government Scholars	Total	Remarks
<i>Class "C"</i>					
Brahmins ...	24	2	1	27	
Lingayats ...	2	.....	.....	2	
Rajputs ...	1	3	.....	4	
Other Hindus ...	2	2	1	5	
Muslims ...	3	2	1	6	
Indian Christians ...	1	.....	.....	1	
Total ...	33	9	3	45	
<i>Class "B"</i>					
Brahmins ...	17	1	1	19	
Lingayats ...	3	.....	.....	3	
Marathas ...	2	2	.....	4	
Rajputs ...	.....	1	.....	1	
Jains ...	1	.....	.....	1	
Other Hindus ...	7	4	1	12	
Muslims ...	2	3	1	6	
Indian Christians ...	1	.....	.....	1	
Total ...	33	11	3	47	
<i>Class "A"</i>					
Brahmins ...	10	2	1	13	
Marathas ...	1	.....	.....	1	
Muslims ...	2	3	.....	5	
Other Hindus ...	1	.....	1	2	
Total ...	14	5	2	21	
Grand Total ...	80	25	8	113	

TABLE XI-D.

BOMBAY VETERINARY COLLEGE.

*Financial Statement of the Bombay Veterinary College
for the year 1940-41.*

Budget Sanction			Actual Expenditure		
Heads	1939-40	1940-41	Heads	1939-40	1940-41
	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
Teaching Staff ...	33,947 0 0	41,614 0 0	Teaching Staff ...	33,945 8 0	41,565 8 0
Establishment ...	13,761 0 0	14,180 0 0	Establishment ...	13,759 10 0	14,119 9 0
Travelling and other Allowances.	4,476 0 0	5,825 0 0	Travelling and other Allowances.	4,475 1 0	5,744 5 0
Examination Fees ...	1,424 0 0	971 0 0	Examination Fees.	915 0 0	970 0 0
Scholarships ...	2,792 0 0	2,387 0 0	Scholarships ...	2,780 0 0	2,386 0 0
Contingencies ...	8,833 0 0	16,400 0 0	Contingencies ...	8,575 9 7	16,257 4 0
Total ...	65,233 0 0	81,377 0 0	Total ...	64,450 12 7	81,033 5 0

Statement of College Receipts credited to Government.

Heads	1939-40	1940-41
	Rs. a. p.	Rs. a. p.
Fees from Students ...	15,570 0 0	12,725 0 0
Miscellaneous ...	408 12 0	1,331 14 0
Total ...	15,978 12 0	14,056 14 0

TABLE XI-E.

BOMBAY VETERINARY COLLEGE.

Showing the main results of Veterinary Colleges and Schools during the year ending 31st March 1941.

1	Veterinary Colleges and Schools	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		Passed Final Examination during the year	Failed to pass Final Examination	Remaining under instruction at the end of the year		Matriculation or higher qualifications	Knowing English but not Matriculated	Knowing no English	
			Scholarships-holders	Others			In ordinary course	Instruction prolonged by reason of failure to pass				
2	3	4	5	6	7	8	9	10	11			
Bombay College.	Veterinary	.....	No. 5	No. 5	No. 38	No. 15	No. 72	No. 41	No. 10	No. ...	No. ...

1	Receipts			Expenditure				Employment of students who passed out during the three years preceding					23
	From Fees	From other sources	Total	Salaries of Instructing Staff	Other expenses	Total	Total number passed	In service of Government or Local Bodies		In service of other bodies or Institutions		Number unemployed	
								18	19	20	21		
12	13	14	15	16	17	18	19	20	21	22	23		
Bombay Veterinary College.	Rs. a. p. 12,725 0 0	Rs. a. p. 1,331 14 0	Rs. a. p. 14,056 14 0	Rs. a. p. 41,555 8 0	Rs. a. p. 39,477 13 0	Rs. a. p. 81,033 5 0	No. 84	No. 49	No. 32	...	No. 3	Remarks	

TABLE XII.

*Financial Statement of the Bombay City and Harbour
Veterinary Department for the year 1940-41.*

Budget Head	Allotment		Budget Head	Expenditure	
	1939-40	1940-41		1939-40	1940-41
	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
Establishment ...	17,266 0 0	15,617 0 0	Establishment ...	17,262 6 0	16,298 7 0
Conveyance Allowance to Inspecting Staff and other allowances.	3,218 0 0	3,223 0 0	Conveyance Allowance to Inspecting Staff and other allowances.	3,217 6 0	3,205 3 0
Contingent Expenditure.	2,660 0 0	2,730 0 0	Contingent Expenditure.	2,656 12 11	2,726 2 2
Total ...	23,144 0 0	22,570 0 0	Total ...	23,136 8 11	22,229 12 2

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

Heads	1939-40	1940-41
	Rs. a. p.	Rs. a. p.
Charges for feeding, medicines and attendance of horses at the Lazaretto.	5 4 0	32 14 0
Miscellaneous ...	0 0 0	1 4 0
Total ...	5 4 0	34 2 0

TABLE XIII.

Financial Statement of the office of the Veterinary Investigation Officer, Bombay Province, for the year 1940-41.

Heads				Budget Sanction	Actual expenditure
				Rs. a. p.	Rs. a. p.
<i>Grants made by the Imperial Council of Agricultural Research.</i>					
Pay of officer	...	...	...	2,639 6 0	2,639 6 0
Travelling allowances	...	...	...	2,010 0 0	2,009 2 0*
			Total	4,649 6 0	4,648 8 0
<i>Grants made by the Government of Bombay.</i>					
Pay of establishment	...	...	...	1,087 0 0	1,086 10 0
<i>Contingencies.</i>					
Contract contingencies	...	...	...		169 1 3
<i>Non-contract contingencies.</i>					
Service Postage and Telegrams	...	...	...	488 10 0	77 0 0
Experiments	...	...	...		1 6 0
Chemicals	...	...	...		13 9 9
Other charges	...	...	...		98 5 9
			Total	1,575 10 0	1,446 0 9
			Grand Total	6,225 0 0	6,094 8 9

* Includes Rs. 733-14-0 debit to Bombay Government on account of Travelling Allowances to establishment.



