

being Rs.1-3. In 1891 there were 76, 880 successful cases, while in 1901 the number was only 37, 880. The increase in 1891 was due to the larger number of vaccinators employed by the local boards, while in 1901 a large number of vaccinators were deputed on famine and plague duty. The cost of the department in 1891 and 1901 was Rs. 49, 160 and Rs. 57, 302 respectively; the average per successful case for these years being R. 0-10-3 and Rs. 1-3. Operations are carried out exclusively with calf lymph, which is prepared at the vaccinations depot in the State. Vaccination is performed according to the European method, and inoculation does not seem to be practised.

Surveys

Hyderabad State was included in the Great Trigonometrical Survey. The subsequent topographical surveys were based on, or extended from, the main series of triangulation. The Darbar co-operated in this important work. It appears probable that Todar Mal's revenue system was introduced in most of the Maratha Districts of the State early in the seventeenth century by *Malik Ambar* and *Murshid Kuli Khan* and was based on a rough survey of lands. On the formation of regular

Districts about 1865-66, the *bigha* of 3, 600 square yards was taken as a standard, and lands were roughly measured. About 1876 it was decided to commence accurate survey operations, and the work was first undertaken in Aurangabad District, and subsequently extended to other taluks and Districts. In this systematic survey the areas were reckoned in English acres. The Aurangabad and Gulbarga Divisions were surveyed and settled by the end of 1894. The Bidar and Warangal Divisions were also surveyed and settled by the end of 1904 and 1905, the only portions still remaining unsurveyed and

unsettled being the District of Adilabad (Sirpur Tandur) and certain *taluks* of Karimnagar (Elgandal) District.

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TABLE I. DISTRIBUTION OF POPULATION, HYDERABAD STATE, 1901

District or State	Area in square miles	Num-ber of towns	Num-ber of villages	Total population			Urban population			Persons per square mile in rural areas
				Persons	Males	Females	Persons	Males	Females	
Atraf-i-balda, including Hyderabad city and suburbs	3,399	1	847	869,168	446,258	422,910	448,466	232,295	216,171	125
Medak (Gulshanabad) Division										
Indur (Nizamabad)	4,822	7	1,152	634,588	316,528	318,060	53,806	26,482	27,324	120
Medak (Gulshanabad)	2,005	3	631	366,722	186,272	180,450	20,285	10,460	9,825	173
Mahbubnagar	6,543	2	1,353	705,725	357,098	348,627	19,616	9,942	9,674	105
Nalagonda	4,143	2	972	699,779	374,577	325,202	11,695	5,955	5,740	166
Total	17,513	14	4,108	2,406,814	1,234,475	1,172,339	105,402	52,839	52,563	131
Warangal Division										
Warangal	9,729	3	1,488	952,646	496,041	456,605	28,242	15,517	12,725	95
Elgandal (Karimnagar)	7,203	7	1,516	1,035,582	540,649	494,933	49,372	25,662	23,710	136
Sirpur Tandur (Adilabad)	5,029	1	983	272,815	137,572	135,243	6,303	2,976	3,327	53
Total	21,961	11	3,987	2,261,043	1,174,262	1,086,781	83,917	44,155	39,762	99
Gulbarga Division										
Gulbarga	4,092	7	1,102	742,745	376,876	365,869	69,223	35,557	33,666	165
Osmanabad	4,010	6	860	535,027	270,924	264,103	46,743	23,701	23,042	122
Raichur	3,604	6	893	509,249	256,332	252,917	58,113	27,558	30,555	126
Lingsugur	4,879	7	1,266	675,813	338,415	337,398	46,996	23,212	23,784	129
Bidar	4,168	7	1,457	766,129	385,067	381,062	53,585	26,468	27,117	171
Total	20,753	33	5,578	3,228,963	1,627,614	1,601,349	274,660	136,496	138,164	142
Aurangabad Division										
Aurangabad	6,172	5	1,825	721,407	361,082	360,325	82,355	41,846	40,509	103
Parbhani	5,091	7	1,495	645,765	323,312	322,453	59,648	30,161	29,487	115
Nander	3,349	4	1,170	503,684	251,081	252,603	34,375	17,182	17,193	140
Bhir	4,460	4	1,000	492,258	248,151	244,107	43,286	22,338	20,948	101
Total	19,072	20	5,490	2,363,114	1,183,626	1,179,488	219,664	111,527	108,137	112
Railways				12,040	7,394	4,646				
Grand Total	82,698	79	20,010	11,141,142	5,673,629	5,467,513	1,132,109	577,312	554,797	121

TABLES

TABLE II
STATISTICS OF AGRICULTURE, HYDERABAD STATE
(In Square Miles)

	1881 -90 (average)	1891-1900 (average)	1901	1903
Total area	33, 281	40, 861	47, 096	60, 734
Total uncultivated area	12, 608	13, 375	16, 854	28, 862
Cultivable, but not cultivated	5, 061	5, 270	5, 997	6, 172
Uncultivable	7, 547	8, 105	10, 857	22, 690
Total area cultivated	20, 673	27, 486	30, 242	31, 872
Irrigated from canals	41	57	46	48
Irrigated from wells and tanks	687	1, 156	1, 579	1, 732
Irrigated from other sources	37	29	34	36
Total area irrigated	765	1, 242	1, 659	1, 816
Unirrigated area corpped area.	19, 908	26, 244	28, 583	30, 056
Rice	1, 032	1, 180	1, 358	1, 402
Wheat	761	873	914	941
Jowar	7, 189	10, 784	12, 531	12, 530
Bajra	2, 911	3, 145	2, 487	2, 556
other food-grains	1, 591	2, 041	3, 631	3, 698
Oilseeds	2, 910	3, 009	3, 294	3, 420
Chillies	123	120	149	164
Cotton	1, 543	1, 761	3, 226	3, 517
Other fibres	50	53	85	86
Sugar-cane	18	20	29	29
Tobacco	107	110	125	124
Indigo	93	108	94	99
Miscellaneous	2, 345	4, 282	2, 319	3, 306
Total	20, 673	27, 486	30, 242	31, 872

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TABLE III
AVERAGE PRICES OF FOOD-GRAINS, & C., HYDERABAD STATE

Selected staples	Selected centres	Average for ten years ending		
		1890	1900	1901
Rice	Parbhani	11	10	9
	Osmanabad	8	9	8
	Raichur	10	10	9
	Hyderabad city	10	8	6
	Medak	10	10	10
	Warangal	11	11	11
Jowar	Parbhani	34	32	26
	Osmanabad	22	21	17
	Raichur	24	27	18
	Hyderabad city	24	20	10
	Medak	15	15	15
	Warangal	21	30	20
Bajra	Parbhani	26	16	13
	Raichur	24	26	19
	Hyderabad city	20	18	13
	Warangal	24	29	21
Wheat	Parbhani	20	17	14
	Osmanabad	13	15	11
	Raichur	10	12	8
	Hyderabad city	12	10	6
	Medak	10	10	10
	Warangal	12	12	10
Salt	Hyderabad city	8	8 1/2	10 1/4

NOTE : The prices are in seers (2 lb.) per Hyderabad rupee, which was in 1907 equivalent to about 13 annas 9 pies in British currency.

Acute famine years, such as 1877-88 and 1899-1900, have been omitted from the averages.

TABLES

TABLE IV
TRADE OF HYDERABAD STATE WITH BRITISH PROVINCES
(In thousands of rupees)

	1890-91	1900-01	1902-03
<i>Imports</i>			
Cotton piece - goods	1, 34, 67	59, 52	96, 65
Cotton twist and yarn	34, 49	35, 44	35, 72
Silk	12.50	39.94	11.83
Salt	56.77	50.74	43.46
Sugar	15.45	17.43	25.19
Fruits	22.73	20.36	10.83
Nuts	11.17	7.16	6.77
Cattle and sheep	32.83	34.29	8,23
Silver	14,21	3, 70	11, 78
Brass and copper manufactures	6, 04	2, 89	5, 58
Iron	6, 17	5, 46	5, 71
Wood	7, 76	5, 65	1, 48
All other articles	1, 33,01	1, 57, 08	2, 06, 29
Total	4, 87, 80	4, 39, 66	4, 69, 52
<i>Exports</i>			
Grain and pulse	72, 86	67, 71	25, 56
Cotton (raw)	1, 28, 48	2, 29, 90	2, 01, 17
Linseed	52, 58	24, 78	59, 85
Oilseeds	28, 56	32, 75	12, 07
Ground-nuts	11, 12	48	36
Castor-seed	24, 60	57, 79	52, 82
Indigo	7, 92	2, 92	1, 90
Oils	17, 20	16, 53	42, 36
Wood	3, 61	2, 41	2, 56
Cotton goods	12, 76	7, 01	9, 85
Hides and skins	25, 97	28, 78	23, 07
Cattle and sheep	17, 43	19, 97	15, 19
All other articles	32, 58	38, 30	22, 55
Total	4, 35, 67	5, 29, 33	4, 69, 31

HYDERABAD STATE

TABLE V
 PRINCIPAL SOURCES OF ORDINARY REVENUE, HYDERABAD
 STATE

(In thousands of rupees)

	Average for ten years ending 1890	Average for ten years ending 1900	1901	1904
Land revenue	1, 89, 07	2, 06, 38	2, 24, 90	2, 43, 06
Customs	43, 22	48, 37	54, 67	56, 50
Stamps	4, 65	8, 33	7, 91	8, 57
Excise	37, 62	49, 30	49, 03	58, 32
Forests	1, 86	2, 54	4, 13	5, 20
Registration	8	48	41	41
Railways	11, 94	21, 62	48, 03	36, 43
Berar surplus	18, 05	9, 05	...	29, 87
Other sources	20, 29	36, 72	27, 60	30, 68
Total	3, 26, 78	3, 82, 79	4, 16, 68	4, 69, 04

TABLES

TABLE VI
PRINCIPAL HEADS OF EXPENDITURE, HYDERABAD STATE
(In thousands of rupees)

	Average for ten years ending 1890	Average for ten years ending 1900	1901	1904
Charges in of collections	53.54	66.54	61.15	56.38
Salaries and expenses of civil departments:-				
a) General administration	14, 94	16, 67	16, 77	13, 67
b) Law and justice	10, 58	12, 53	13, 78	11, 65
c) Police	24, 52	26, 12	28, 76	27, 86
d) Education	3, 36	7, 00	7, 49	7, 29
e) Medical	2, 60	5, 00	6, 21	6, 72
f) Minor departments	3, 65	3, 23	4, 34	1, 93
Total	59, 65	70, 55	77, 35	69, 12
Mint	52	53	37	9, 78
Pensions, allowances, and religious grants	42, 24	43, 78	40, 70	39, 44
Contributions to palace expenditure	41, 22	58, 79	50, 28	50, 00
Public works and irrigation	18, 17	23, 16	31, 52	46, 07
Military department	68, 76	69, 44	63, 93	63, 72
Railways	21, 95	31, 18	42, 51	43, 32
Miscellaneous and other charges (including famine)	9, 96	38, 05	43, 22	72, 66
Total expenditure	3, 16, 01	4, 02, 02	4, 11, 03	4, 50, 49

HYDERABAD STATE

TABLE VII
STATISTICS OF JAILS HYDERABAD STATE

	1881	1891	1901	1903
Number of Central jails	1	1	5	5
Number of District jails	16	16	12	12
Number of Subsidiary jails (lock-ups)	100	95	95	95
Average daily jail population				
(a) Male:				
In Central jails	743	2, 187	4, 364	3, 882
In other jails	...	1, 626	2, 230	860
(b) Female:				
In Central jails	33	98	65	67
In other jails	...	83	55	23
Total	776	3,994	6, 714	4, 832
Rate of jail mortality per 1, 000	...	28.9	65.3	26.9
Expenditure on jail maintenanceRs.	...	1, 89, 831	5, 14920	3, 88, 284
Cost per prisoner Rs.	...	47-8-6	76-11-1	80-5-7
Profits on jail manufactures Rs.	...	15,512	48, 172	1, 28, 313
Earnings per prisoner Rs.	...	3-14-0	7-2-1	45-1-3

TABLES

TABLE VIII
COLLEGES, SCHOOLS, AND SCHOLARS, HYDERABAD STATE

Class of institutions	1900-01			1903-04		
	Number of institutions	Scholaras		Number of institutions	Scholaras	
		Males	Females		Males	Females
<i>Public.</i>						
Arts colleges	2	39	...	2	55	...
Oriental colleges	1	132	...	1	129	243
Secondary schools-	16	4,099	169	15	4,107	364
Upper (High)	53	8,550	399	58	9,524	...
Lower (Middle)	133	13,214	1,160	137	13,656	1,138
Primary schools-	620	24,852	2,650	628	25,066	...
Upper	2	246	89	2	367	3,799
Lower	5	428	...	8	612	98
Training schools	14	1,373	...	5	...	...
Other special schools	...	38,181	...	...	36,559	262
schools	1,826			1,801		...
<i>Private.</i>						
Advanced						
Elementary						
Total	2,672	91,114	4,467	2,667	90,075	4,904

Note - Statistics for 1880-81 and 1890-91 are not available.

TABLE IX
EDUCATIONAL FINANCE, HYDERABAD STATE

	Expenditure on institutions maintained or aided by public funds					
	State revenue	District and Municipal funds	Fees	Other Sourcess	Total (1903)	Total (1903)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Arts and professional colleges	57,353	...	456	...	57,809	53,060
Training and special colleges	26,508	6,939	1,963	1,320	36,730	37,211
Secondary schools	2,36,221	979	41,467	48,994	3,27,661	3,20,460
Primary schools	91,010	87,063	7,955	16,977	2,03,005	2,01,134
Girls schools	15,581	5,098	1,497	14,486	36,662	84,112
Total	4,26,673	1,00,079	53,338	81,777	6,61,867	6,95,977

TABLES

TABLE X
STATISTICS OF HOSPITALS AND VACCINATION,
HYDERABAD STATE

	1884-85	1891	1901	1903
<i>Hospitals etc.</i>				
Number of civil hospitals and dispensaries	48	67	84	84
Average daily number of				
a) In - patients	...	...	12	28
b) Out-patients	801	1,054	1,743	1,796
Income from-				
State funds (the only source) Rs.	2,03,263	4,01,244	5,40,005	6,83,495
Expenditure on-				
a) Establishment Rs.	...	3,13,161	4,37,525	4,63,349
b) Medicines, diet, buildings, & c. Rs.	...	88,083	1,02,480	3,46,562
<i>Lunatic Asylums.</i>				
Number of asylums	...	1	1	1
Average daily number of				
a) Criminal lunatics	...	7	21	6
b) Other lunatics	...	29	109	122
Expenditure on-				
a) Establishment. Rs.	...	120	1,140	1,140
b) Diet, buildings, &c. Rs.	...	2,291	8,460	31,765
Vaccination.				
Population among whom vaccination was carried on	9,845,594	11,537,040	11,141,142	11,141,142
Number of successful operations	44,062	76,880	37,880	26,591
Ratio per 1,000 of population	4.47	6.66	3.42	2.38
Total expenditure on vaccination Rs.	...	49,160	57,302	34,878
Cost per successful Rs.	1-3-0	0-10-3	1-3-0	1-5-0