

Vaccination return on the Districts of Bihar and Orissa.

Contributors

Bihar and Orissa (India)

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VACCINATION RETURN

ON THE

DISTRICTS OF BIHAR AND ORISSA

FOR THE YEAR

1912-13.

BY

Lieutenant-Colonel E. C. HARE, I.M.S.,
Sanitary Commissioner, Bihar & Orissa.



RANCHI :

PRINTED AT THE BIHAR AND ORISSA GOVERNMENT BRANCH PRESS.

1913.



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VACCINATION RECORD

DISTRICT OF COLUMBIA

NAME

AGE

SEX

DATE

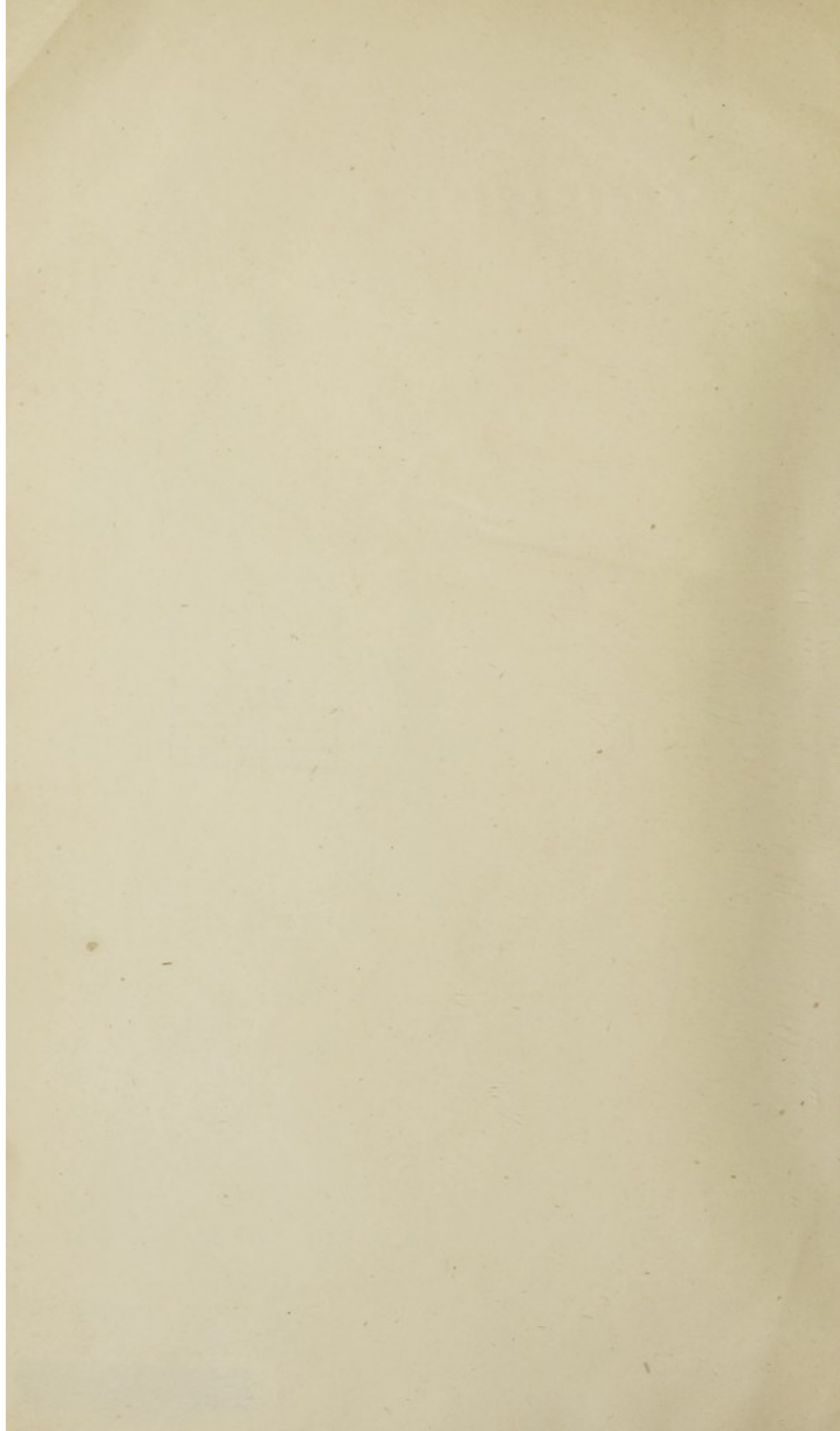
TIME

PLACE

BY

DATE

TIME



VACCINATION RETURN

ON THE

DISTRICTS OF BIHAR AND ORISSA

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VACCINATION RETURN

ON THE

DISTRICTS OF BILAH AND ORISSA

FOR THE YEAR

1912-13.

BY

Lieutenant Colonel F. C. WARE, I.C.S.,
District Commissioner, Bilah & Orissa.



PRINTED :

PRINTED AT THE BILAH AND ORISSA GOVERNMENT PRESS, BILAH.

1913.

No. 3641.

FROM

LIEUTENANT-COLONEL E. C. HARE, I.M.S.,
SANITARY COMMISSIONER, BIHAR AND ORISSA,

TO

THE SECRETARY TO THE GOVERNMENT OF
BIHAR AND ORISSA, MUNICIPAL DEPARTMENT.

Dated Ranchi, the 10th June 1913.

SIR,

I HAVE the honour to submit the Annual Vaccination Return of this Province for the year 1912-13.

I have the honour to be,

SIR,

Your most obedient Servant,

E. C. HARE, *LIEUT.-COLONEL, I.M.S.,*
Sanitary Commissioner, Bihar and Orissa.

No. 2041.

From

LIEUTENANT-COLONEL R. C. HARR, I.M.S.,
SANITARY COMMISSIONER, BIKANER AND ODISHA,

To

THE SECRETARY TO THE GOVERNMENT OF
BIKANER AND ODISHA, MUNICIPAL DEPARTMENT.

Dated Bikaner, the 10th June 1918.

For

I have the honor to acknowledge the receipt of the Annual Vaccination Report of this
Province for the year 1917-18.

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NOTE ON VACCINATION FOR THE YEAR 1912-13.

1. Vaccination is carried on under the local authorities by licensed and paid vaccinators and their work is supervised by the Government staff of Inspectors.

12,93,474 persons were vaccinated, which gives an average of 1,140 to each vaccinator. Of these 25,405 were revaccinated. The percentage of successful primary operations is reported to be 99.59 and of revaccinations 69.33.

The number of operations fell by 19,776 in comparison with the record of 1911-12. The fall was most noticeable in Cuttack (18,212), Champran (4,944) and Monghyr (4,191). In the two latter places it is attributed to cholera and plague.

2. Statement VI shows the ratio of mortality from small-pox side by side with the number of successful vaccinations during the last decade. It will be noticed that between the year 1904-05 and 1908-09 the death rate steadily rose from .19 to .83 per mille and that during the first three years of this period the number of successful vaccinations was remarkably low. It will also be noticed that since 1908-09, when the ratio of mortality reached its height, it has steadily fallen year by year, in proportion as the number of successful operations has increased. At the present time the ratio of mortality (.06) is lower and the number of successful vaccinations is higher than it has been at any time during last decade. This relationship between the figures seems to be too regular to be merely a coincidence, and I think that very probably the successful result is due to the efforts which the Deputy Sanitary Commissioners and vaccination staff in Bengal have been making of recent years to improve vaccination in rural areas. The number of successful operations has, however, fallen during the year under report by over 18,000; which shows that further efforts must be made if the high standard of efficiency of rural vaccination is to be maintained.

Apart from the Native Tributary States, from which no vital occurrences are reported, the mortality from small-pox in most of the districts of the province is negligible and the only extensive area which reports a high death rate includes parts of the districts of Purnea, Bhagalpur, Monghyr and the Sonthal Parganas in the North-East part of the Province.

3. The attention which has been paid to vaccination in rural areas does not seem to have been extended to Municipal areas. A reference to Statement VII shows that the proportion of children successfully vaccinated was in many cases very low compared with the number who were available for vaccination. In the towns of Gaya, Bihar, Dinapur, Chapra, Darbhanga, Monghyr, Jamalpur, Bhagalpur, Cuttack and Hazaribagh the records show that of a total of 11,814 available children only 6,316 or a little over a half were vaccinated. This condition is not at all satisfactory and unless special efforts are made to get the children vaccinated serious outbreaks of small-pox will occur in these towns sooner or later. If the provisions of the Bengal Vaccination Act are properly carried out practically every child born within Municipal limits if it lives, should have been vaccinated by the time it reaches one year of age.

Lanolinated vaccine was supplied to all districts from the Calcutta Depot by an arrangement with the Sanitary Commissioner of Bengal. It was of good quality and the work done with it is reported to have been very satisfactory. The plans and estimates of a Vaccine Depot for the Province of Bihar and Orissa costing Rs. 1,44,000 have been sanctioned and the building is to be put in hand immediately.

E. C. HARE, *LIEUT.-COLONEL, I.M.S.,*

Sanitary Commissioner, Bihar and Orissa.

NOTE ON VACCINATION FOR THE YEAR 1910

1. Vaccination is a subject of great importance to the health of the community and this work is reported by the Government of the State.

2. The number of persons vaccinated in 1910 was 1,145, as compared with 1,000 in 1909. The percentage of vaccination is 100.00 in 1910 and 99.99 in 1909.

3. The number of persons vaccinated in 1910 was 1,145, as compared with 1,000 in 1909. The percentage of vaccination is 100.00 in 1910 and 99.99 in 1909.

4. The number of persons vaccinated in 1910 was 1,145, as compared with 1,000 in 1909. The percentage of vaccination is 100.00 in 1910 and 99.99 in 1909.

5. The number of persons vaccinated in 1910 was 1,145, as compared with 1,000 in 1909. The percentage of vaccination is 100.00 in 1910 and 99.99 in 1909.

6. The number of persons vaccinated in 1910 was 1,145, as compared with 1,000 in 1909. The percentage of vaccination is 100.00 in 1910 and 99.99 in 1909.

7. The number of persons vaccinated in 1910 was 1,145, as compared with 1,000 in 1909. The percentage of vaccination is 100.00 in 1910 and 99.99 in 1909.

8. The number of persons vaccinated in 1910 was 1,145, as compared with 1,000 in 1909. The percentage of vaccination is 100.00 in 1910 and 99.99 in 1909.

Year	Age	1900		1910		Ratio	Remarks
		Male	Female	Male	Female		
1900	20	1,000	1,000	1,000	1,000	1.00	
1900	30	1,000	1,000	1,000	1,000	1.00	
1900	40	1,000	1,000	1,000	1,000	1.00	
1900	50	1,000	1,000	1,000	1,000	1.00	
1900	60	1,000	1,000	1,000	1,000	1.00	
1900	70	1,000	1,000	1,000	1,000	1.00	
1900	80	1,000	1,000	1,000	1,000	1.00	
1900	90	1,000	1,000	1,000	1,000	1.00	

STATEMENTS.

Year	Age	1900		1910		Ratio	Remarks
		Male	Female	Male	Female		
1900	20	1,000	1,000	1,000	1,000	1.00	
1900	30	1,000	1,000	1,000	1,000	1.00	
1900	40	1,000	1,000	1,000	1,000	1.00	
1900	50	1,000	1,000	1,000	1,000	1.00	
1900	60	1,000	1,000	1,000	1,000	1.00	
1900	70	1,000	1,000	1,000	1,000	1.00	
1900	80	1,000	1,000	1,000	1,000	1.00	
1900	90	1,000	1,000	1,000	1,000	1.00	

Statement No. 1.—Showing particulars of Vaccination in the

No.	District.	Population of district according to the census of 1911.	Average population per square mile.	Average number of vaccinators employed throughout the season.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Total.
1	2	3	4	5	6			7	8
<i>Patna Division.</i>					Male.	Female.	Total.		
1	Patna ... { By paid Vaccinators ... By licensed Vaccinators ... }	1,609,631	7	{ 11 70	3,332 22,012	3,144 20,491	6,496 42,503	582 608	6,353 42,475
2	Gaya ... { By paid Vaccinators ... By licensed Vaccinators ... }	2,159,469	458	{ 12 76	4,309 29,448	4,091 29,365	8,400 58,713	700 772	8,326 58,706
3	Shahabad ... { By paid Vaccinators ... By licensed Vaccinators ... }	1,865,600	426	{ 10 109	2,464 22,954	1,808 20,343	4,272 43,297	427 433	3,625 43,297
Total of Patna Division { By paid Vaccinators... By licensed Vaccinators ... }		5,634,700	505	{ 33 245	10,005 74,414	9,043 70,099	19,078 144,513	578 587	18,304 144,478
<i>Tirhut Division.</i>									
4	Saran ... { By paid Vaccinators ... By licensed Vaccinators ... }	2,289,778	853	{ 5 68	1,584 46,061	1,117 37,842	2,701 83,903	540 1,233	2,278 83,903
5	Oghelatan ... { By paid Vaccinators ... By licensed Vaccinators ... }	1,908,315	540	{ 3 47	610 27,532	612 26,414	1,222 53,946	407 1,147	1,222 53,796
6	Munaffarpur ... { By paid Vaccinators ... By licensed Vaccinators ... }	2,945,514	697	{ 7 60	1,954 49,776	1,676 47,537	3,630 97,313	518 1,622	3,525 97,313
7	Darbhanga ... { By paid Vaccinators... By licensed Vaccinators ... }	2,929,682	675	{ 8 60	1,301 46,441	1,398 44,256	2,599 90,697	325 1,511	2,605 90,851
Total of Tirhut Division. { By paid Vaccinators... By licensed Vaccinators ... }		9,973,359	791	{ 23 235	5,449 169,815	4,763 156,049	10,212 325,864	441 1,386	9,530 325,863
<i>Bhagalpur Division.</i>									
8	Monghyr ... { By paid Vaccinators ... By licensed Vaccinators ... }	2,132,893	543	{ 4 41	1,902 40,219	1,779 40,821	3,681 81,040	920 1,976	3,681 81,040
9	Bhagalpur ... { By paid Vaccinators ... By licensed Vaccinators ... }	2,130,318	576	{ 4 52	1,518 37,363	1,099 36,761	2,617 74,024	654 1,423	2,300 73,903
10	Purnea ... { By paid Vaccinators... By licensed Vaccinators ... }	1,969,637	398	{ 3 49	861 29,047	654 27,015	1,455 56,062	485 1,144	1,298 55,876
11	Sonthal Pargana ... { By paid Vaccinators... By licensed Vaccinators ... }	1,862,973	344	{ 8 73	1,197 32,651	683 29,068	1,880 61,119	235 637	1,249 56,985
Total of Bhagalpur Division. { By paid Vaccinators ... By licensed Vaccinators ... }		8,144,821	457	{ 19 215	5,418 138,589	4,215 133,665	9,633 272,245	507 1,296	8,537 267,894

districts of Bihar and Orissa during the year 1912-13.

Primary Vaccination.				Re-vaccination.			Percentage of successful cases in which the results were known.		Persons successfully vaccinated per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.					
Successful.				Total.	Successful.	Unknown.	Primary.	Re-vaccination.		Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.				
Under one year.	Over one and under six years.	Total of all ages.	Unknown.						9							10	11	12	13
2,510	3,415	5,954	259	53	51	...	97.70	96.22	29.86	{	4.07	...	{	50,354	31.28	2,039	1.26		
12,915	28,214	42,051	135	28	8	...	99.31	28.57			.31	...		50,354	31.28	2,039	1.26		
3,791	4,329	8,221	74	74	47	17	99.62	82.45	30.89	{	.88	22.97	{	71,345	32.03	2,342	1.03		
18,921	38,618	58,437	70	7	5	...	99.67	71.42			.13	...		71,345	32.03	2,342	1.03		
1,531	1,019	3,615	4	617	348	185	92.83	75.32	25.12	{	.11	28.59	{	45,542	24.41	1,316	.70		
28,258	13,773	42,008	49	...	...	...	99.21	...			.11	...		45,542	24.41	1,316	.70		
8,838	8,763	17,700	337	774	446	202	99.01	77.97	28.68	{	1.84	26.09	{	167,241	29.68	5,597	.99		
60,094	80,905	143,396	203	35	13	...	99.43	13.20			.18	...		167,241	29.68	5,597	.99		
1,296	885	2,173	66	423	254	104	96.23	79.62	37.20	{	2.89	24.58	{	77,342	33.79	1,068	.46		
28,144	43,410	82,912	554	...	...	...	99.47	...			.68	...		77,342	33.79	1,068	.46		
922	278	1,221	1	...	...	...	100	...	28.79	{	.08	...	{	58,237	30.32	781	.40		
22,108	31,026	53,637	88	155	87	10	99.56	.60			.16	6.06		58,237	30.32	781	.40		
2,559	612	3,500	10	105	77	16	99.57	86.51	35.33	{	.28	15.23	{	101,128	35.53	362	.12		
47,649	49,730	96,975	10	...	...	...	99.66	...			.01	...		101,128	35.53	362	.12		
1,648	921	2,570	3	10	1	...	98.77	10	31.79	{	.11	...	{	83,218	28.40	391	.13		
56,190	34,444	90,590	25	...	...	...	99.74	...			.02	...		83,218	28.40	391	.13		
6,385	2,996	9,464	80	538	232	120	99.09	79.42	33.48	{	.83	22.30	{	319,945	32.07	2,602	.20		
163,401	128,610	324,114	677	115	87	10	99.67	60			.20	6.45		319,945	32.07	2,602	.20		
1,189	2,473	3,662	...	...	...	...	99.48	...	39.63	{	...	...	{	82,698	38.77	884	.41		
29,979	50,590	80,575	...	...	...	...	99.41	...			...	...		82,698	38.77	884	.41		
908	1,316	2,259	37	308	193	8	99.38	64.33	35.71	{	1.60	2.59	{	76,021	35.53	995	.40		
44,654	29,232	73,628	16	31	17	3	99.93	69.71			.02	9.67		76,021	35.53	995	.40		
842	412	1,293	4	157	65	10	99.92	44.22	28.61	{	.45	7.40	{	47,453	28.57	535	.20		
35,864	19,624	55,449	26	391	135	...	99.28	44.78			.04	...		47,453	28.57	535	.20		
709	437	1,207	29	631	185	311	98.09	59.67	31.88	{	1.60	50.87	{	61,066	34.01	698	.30		
36,898	19,424	56,449	416	4,134	2,192	944	99.78	68.71			.73	22.83		61,066	34.01	698	.30		
3,697	4,628	8,420	61	1,096	443	339	99.33	58.52	34.98	{	.71	30.93	{	280,218	34.40	3,110	.28		
147,595	118,876	266,501	453	4,666	2,344	947	99.61	60.60			.17	21.29		280,218	34.40	3,110	.28		

No.	District.	Population of districts according to the census of 1911.	Average population per square mile.	Average number of Vaccinators employed throughout the season.	Total number of persons vaccinated.			Average number of persons vaccinated by each vaccinator.	Total.
1	2	3	4	5	6			7	8
	<i>Orissa Division.</i>				Male.	Female.	Total.		
12	Cuttack ... { By paid Vaccinators ... } 								

Primary Vaccination.				Re-vaccination.			Percentage of successful cases in which the results were known.		Persons successfully vaccinated, per 1,000 of population.	Percentage of unknown cases to total cases.		Average annual number of persons successfully vaccinated during previous five years.		Average annual number of deaths from small-pox during previous five years.	
Successful.				Total.	Successful.	Unknown.	Primary.	Re-vaccination.		Primary.	Re-vaccination.	Number.	Ratio per 1,000.	Number.	Ratio per 1,000.
Under one year.	Over one and under six years.	Total of all ages.	Unknown.												
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
3,115	4,949	8,787	47	1,544	628	312	99.26	50.97	64.90	{	{	120,065	59.77	299	.14
54,327	57,174	127,446	474	80	23	16	99.60	35.93		{	{				
205	540	762	—	71	57	4	100	85.07	64.46	{	{	45,859	43.44	601	.62
31,352	33,199	66,630	14	798	602	43	99.94	79.73		{	{				
17,696	28,275	53,175	50	117	79	22	99.48	83.15	52.03	.09	18.90	53,839	52.00	667	.65
2,671	2,585	5,471	302	764	435	100	92.32	65.51	29.61	4.84	13.08	8,405	49.59	Not under registration.	
17,866	5,746	23,640	132	2,643	2,102	144	99.45	84.11	34.29	.55	5.44	29,885	43.15	57	.07
38,882	39,519	86,264	229	4,375	2,566	482	99.46	73.61	56.47	{	{	264,143	51.47	1,684	.32
88,350	92,949	199,547	899	1,642	1,000	159	99.49	71.47		{	{				
461	789	1,279	3	52	25	—	99.37	48.07	35.73	{	{	46,094	35.77	462	.35
25,780	18,402	44,594	1	160	147	—	99.97	91.87		{	{				
1,505	804	2,335	4	198	107	—	99.53	54.04	36.36	{	{	50,402	36.32	632	.45
38,505	9,109	47,756	4	281	255	1	99.92	91.07		{	{				
162	39	232	8	23	13	—	99.66	56.52	33.96	{	{	24,230	35.25	359	.52
18,060	4,510	22,824	145	280	280	—	99.52	108.		{	{				
379	383	791	1	50	42	7	99.87	97.67	38.96	{	{	61,022	39.43	284	.18
32,968	24,867	58,756	64	862	729	18	99.63	89.37		{	{				
108	54	251	26	12	3	6	97.28	50.	28.99	{	{	20,518	29.55	106	.15
13,357	6,988	19,626	23	406	257	24	99.70	58.14		{	{				
1,883	2,592	4,494	1	145	87	—	98.97	60.	31.00	.02	—	4,738	32.69	Not under registration.	
2,723	2,000	4,888	42	235	190	13	99.28	59.00	35.63	{	{	207,004	35.99	1,943	.32
190,683	65,568	198,650	138	2,204	1,765	43	99.87	81.67		{	{				
60,525	57,976	126,926	749	7,118	4,277	1,156	99.35	71.73	36.60	{	{	—	—	—	—
589,903	516,608	1,131,508	2,526	8,562	5,269	1,159	99.63	71.75		{	{				
650,428	574,584	1,258,434	3,275	15,629	9,546	2,315	99.60	71.74	39.60	.25	14.82	1,228,551	35.76	14,836	.42
114	69	185	2	76	23	26	99.46	46.	—	1.63	34.21	—	—	—	—
430	95	530	—	123	86	5	99.18	72.88	—	—	4.06	—	—	—	—
—	—	—	414	1,283	—	1,283	—	—	—	100.	100.	—	—	—	—
291	697	1,350	89	9,711	5,962	754	99.55	65.89	—	5.89	7.76	—	—	—	—
651,263	575,645	1,260,489	3,780	20,913	15,557	4,483	99.59	69.35	36.84	.29	16.65	—	—	—	—

Summary.

	Total number of persons vaccinated.		Total number of operations performed.		Percentage of successful cases in which the results were known.		Average number of persons vaccinated by each vaccinator.		Number of children successfully vaccinated.		Ratio of successful vaccinations per 1,000 of population.	Total cost of Department.	Average cost of each successful case.
	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Primary.	Re-vaccination.	Vaccinators employed.	Persons vaccinated by each vaccinator.	Under 1 year.	One and under 6 years.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
BY SPECIAL STAFF.												Rs. a p.	Rs. a. p.
Licensed ...	1,137,661	8,500	1,138,218	8,502	99.63	71.75	990	1,158	580,903	516,608			
BY DISPENSARY STAFF.													
Municipalities, Jails, Cantonments, Dispensaries and Railways.	44,532	27,971	44,548	14,471	98.91	65.9	93	634	2 1,820	20,279	36.64	82,304 15 8	0 1 0
BY OTHER AGENCIES.													
District Board ...	88,551	3,940	86,634	3,940	99.46	75.71	81	1,775	39,540	38,758			
Total ...	1,269,034	26,411	1,269,400	26,913	99.59	69.35	1,134	1,142	651,263	575,645			

STATEMENT No. II.

Statement No. II.—Showing the cost of Vaccination in the

Number.	Circle and district.	European supervising officers.	Pay.	Native supervising officers.	Expendi								
					Pay.	Paid vaccinators.	P y.	Licensed vaccinators.	Pay.	Clerks.	Pay.	Proms, etc.	Pay.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
PATNA DIVISION.													
			Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.		Rs. a. p.
1	Patna		...	5	1,801 8 3	11	1,024 13 3	70	...	...	...	...	...
2	Gaya		...	5	1,931 3 6	12	906 0 0	76	...	...	...	1	72 0 0
3	Shahabad		...	5	1,916 7 3	10	636 13 10	100	...	...	...	...	...
	Total of Patna Division		...	15	5,649 3 0	33	2,597 11 1	246	...	...	...	1	72 0 0
TIRHUT DIVISION.													
4	Saran		...	4	1,500 0 0	5	...	68	40 0 0	...	...	...	...
5	Champaran		...	3	1,145 0 0	3	228 0 0	47	68 4 0	...	...	...	...
6	Munaffpur		...	4	1,563 14 1	7	783 0 0	60	...	...	...	...	...
7	Darbhanga		...	4	1,588 8 9	8	638 0 0	60	...	...	...	...	...
	Total of Tirhut Division		...	15	5,797 6 10	23	1,649 0 0	235	108 4 0	...	...	...	...
BHAGALPUR DIVISION.													
8	Monghyr		...	4	1,500 0 0	4	374 0 0	41	22 8 0	...	...	1	36 0 0
9	Bhagalpur		...	5	2,392 14 8	4	368 8 0	52	33 8 0	...	...	...	...
10	Purnea		...	4	1,500 0 0	3	354 0 0	49	95 8 0	...	...	...	...
11	Sonhat Parganas		...	7	3,112 0 10	8	401 10 7	73	...	...	...	...	...
	Total of Bhagalpur Division		...	20	8,414 15 6	19	1,408 2 7	215	151 8 0	...	...	1	36 0 0
ORISSA DIVISION.													
12	Cuttack		...	4	1,479 0 0	12	1,071 5 3	63	...	...	...	...	...
13	Balasore		...	3	1,232 8 4	1	129 0 0	45	...	...	...	...	...
14	Puri		...	3	1,146 11 1	39	3,755 1 1	...	...	...	...	...	...
15	Angul		...	3	2,283 5 4	...	...	13	...	...	...	...	...
16	Sambalpur		...	2	900 0 0	12	1,323 7 0	...	...	...	...	2	59 0 0
	Total of Orissa Division		...	15	7,032 8 0	55	6,269 13 4	121	...	...	...	2	59 0 0
CHOTA NAGPUR DIVISION.													
17	Hazaribagh		...	4	1,479 3 1	5	40 0 0	40	...	...	...	...	...
18	Ranchi		...	4	1,432 0 0	3	342 0 0	44	...	...	...	...	...
19	Palaman		...	3	1,076 7 3	1	...	26	...	...	...	...	...
20	Manbhum		...	3	1,253 0 0	3	...	41	40 0 0	...	...	...	...
21	Singbhum (Political State of Singbhum).		...	3	1,200 0 0	2	96 0 0	22	...	...	...	...	...
	Total of Chota Nagpur Division		...	17	50,440 10 4	14	478 0 0	173	49 0 0	...	...	...	...
	Total of the Vaccine Circle		...	82	33,234 12 5	144	12,492 11 0	990	299 12 0	...	...	4	158 0 0
ESTABLISHMENT OF THE DEPUTY SANITARY COMMISSIONER.													
	Deputy Sanitary Commissioner, Bihar and Orissa.	1	9,150	...	...	...	...	...	...	2	903 8 0	3	18 0 0
	Total of the Province	1	9,150	82	33,334 12 5	144	12,492 11 0	990	299 12 0	2	903 8 0	7	342 0 0

*Not furnished.

Districts of Bihar and Orissa during the year 1912-1913.

ture.					Paid from—						Number of successful vaccinations and revaccinations.	Average cost of each successful case.
Total pay of Establishment.	Travelling allowance.	Contingencies.		Total cost.	Imperial Fund.	Provincial Fund.	Local Fund.	Municipalities.	Native States.	Total.		
15	16	Cost of lymph.	Other contingencies.	19	20	21	22	23	24	25	26	27
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.		Rs. a. p.
2,520 5 6	998 14 6	...	75 0 0	3,900 4 0	...	2,875 6 9	...	1,024 13 3	...	3,900 4 0	48,004	0 1 3
2,930 3 6	1,251 0 5	...	123 7 0	4,313 10 11	...	3,305 10 11	412 0 0	306 0 0	...	4,313 10 11	66,710	0 1 0
2,553 5 1	1,027 3 7	...	251 15 0	3,832 7 8	...	3,073 10 10	94 0 0	664 12 10	...	3,832 7 8	40,871	0 1 3
8,318 14 1	3,377 2 6	...	450 6 0	12,046 6 7	...	9,254 12 6	700 0 0	2,085 10 1	...	12,046 6 7	1,61,645	0 1 0
1,540 0 0	1,254 3 6	...	75 0 0	2,869 3 6	...	2,569 3 6	...	...	...	2,869 3 6	85,339	0 0 6
1,441 4 0	682 10 0	...	90 6 0	2,214 4 0	...	1,985 10 6	...	228 9 6	...	2,214 4 0	54,945	0 0 7
2,346 14 1	1,075 6 6	...	06 5 6	3,518 10 1	...	2,735 10 1	...	783 0 0	...	3,518 10 1	100,532	0 0 6
2,226 8 9	997 3 0	...	93 2 8	3,313 14 5	...	2,675 14 5	...	638 0 0	...	3,313 14 5	93,161	0 0 6
7,554 10 10	4,009 7 0	...	351 14 2	11,916 0 0	...	10,200 6 6	...	1,949 9 6	...	11,916 0 0	333,997	0 0 6
1,932 8 0	1,033 0 0	...	155 1 0	3,120 9 9	...	2,617 9 3	...	503 0 6	...	3,120 9 9	84,237	0 0 8
2,704 14 8	903 13 6	...	130 0 0	3,638 12 2	...	3,270 4 2	...	368 8 0	...	3,638 12 0	76,396	0 0 9
1,949 8 0	959 0 0	...	120 1 0	3,038 9 0	...	2,624 8 0	...	414 1 0	...	3,038 9 0	56,942	0 0 9
3,513 11 5	889 6 6	25 9 0	133 9 3	4,562 4 2	...	4,196 13 10	...	366 6 4	...	4,562 4 2	60,033	0 1 2
10,100 10 1	3,695 4 9	25 9 0	538 11 3	14,300 3 1	...	12,708 3 3	...	1,651 11 3	...	14,360 3 1	2,77,608	0 0 0
2,541 5 3	1,220 12 0	...	115 0 0	3,886 1 3	...	2,804 12 0	596 0 0	485 5 3	...	3,886 1 3	1,36,834	0 0 5
1,352 8 4	478 7 0	...	115 0 0	1,945 15 4	...	1,825 15 4	...	120 0 0	...	1,945 15 4	68,651	0 0 5
4,901 12 2	903 11 0	...	114 15 6	5,920 6 8	...	2,165 5 7	3,590 1 1	156 0 0	...	5,920 6 8	53,154	0 1 9
2,583 5 4	1,045 6 0	...	28 4 3	3,356 15 7	...	3,356 15 7	...	...	...	3,356 15 7	5,806	0 9 1
2,373 7 0	462 8 0	...	64 8 0	2,790 7 0	...	1,367 0 0	1,373 7 0	...	...	2,740 7 0	25,742	0 1 8
13,352 6 1	4,009 12 0	...	437 11 9	17,849 13 10	...	11,539 0 6	5,558 8 1	771 5 3	...	17,849 13 10	2,89,837	0 0 10
1,519 3 1	949 11 0	...	79 11 6	2,548 9 7	...	2,548 9 7	...	...	...	2,548 9 7	46,945	0 0 10
1,774 0 0	727 12 0	...	54 3 0	2,555 15 0	...	2,213 15 0	...	342 0 0	...	2,555 15 0	50,653	0 0 9
1,076 7 3	664 3 0	...	45 0 0	1,785 10 3	...	1,785 10 3	...	...	...	1,785 10 3	23,309	0 1 2
1,293 0 0	938 15 6	...	45 0 0	2,276 15 6	...	2,276 15 6	...	...	...	2,276 15 6	60,316	0 0 7
1,296 0 0	723 6 6	...	71 15 3	2,091 5 9	...	1,798 8 9	...	100 10 0	192 3 0	2,091 5 9	24,818	0 1 4
6,958 10 4	4,004 0 0	...	295 13 9	11,258 8 1	...	10,623 11 1	...	442 10 0	192 3 0	11,258 8 1	204,803	0 0 10
46,255 3 5	19,045 10 3	25 9 0	2,074 8 11	67,430 15 7	...	54,373 1 10	6,264 8 1	6,601 2 8	192 3 0	67,430 15 7	1,267,980	0 0 10
10,327 8 1	3,936 14 0	...	609 10 0	14,874 0 1	...	14,874 0 1	...	...	...	14,874 0 1	...	...
56,612 11 6	22,983 8 3	25 9 0	8,084 2 11	82,304 15 8	...	69,247 1 11	6,354 8 1	6,601 2 8	192 3 0	82,304 15 8	1,267,980	0 1 0

B.—DISPENSARY VACCINATION.

Statement No. III.—Showing Dispensary Vaccination in the districts of Bihar and Orissa during the year 1912-13.

District.	Number of dispensaries in each district to which a vaccinator is attached.	Average number of vaccinators attached to dispensaries during the year.	Total number of persons vaccinated.	Average number of persons vaccinated by each vaccinator.	Primary vaccination.					Re-vaccination.			Percentage of successful cases in which the results were known.		Percentage of unknown cases to total cases.	
					Total.	Successful.			Unknown.	Total.	Successful.	Unknown.	Primary.	Re-vaccination.	Primary.	Re-vaccination.
						Under one year.	Over one and under six years.	Total of all ages.								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Patna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gaya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shahabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Saran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Champaran	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manikpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Darbhanga	...	...	...	170	170	106	64	170	...	...	...	...	100.00	...	100.00	...
Monghyr	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bhagalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Parma	...	...	...	20	15	5	5	12	2	5	2	2	92.30	66.66	13.33	40.00
South Parganas	...	...	...	74	3	3	...	3	...	71	21	24	100.00	44.68	100.00	33.80
Cuttack	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Balasore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angul	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sambalpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hazaribagh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ranchi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Palamanu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manbhum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Singhbhum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	...	264	...	188	114	69	185	2	76	23	26	99.46	46.00	1.63	34.21

Comparative Statement No. VI.—Showing the number of persons primarily vaccinated, and the number

Establishment.	Persons primarily							
	1903-04.		1904-05.		1905-06.		1906-07.	
	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.	Total number.	Number successfully vaccinated.
1	2	3	4	5	6	7	8	9
Government	...	...	...	...	...	...	...	...
Dispensaries	2,109	2,018	2,135	2,007	1,735	1,565	1,107	1,088
Municipal	43,270	41,754	40,851	37,280	45,590	41,683	42,540	38,555
Local Funds	87,179	85,050	78,047	76,298	75,156	73,423	76,148	74,194
Licensed Vaccinators	886,838	886,071	980,109	1,018,930	1,009,638	1,012,355	974,710	983,054
Apprentices	...	...	...	...	...	...	...	...
Native States	3,624	3,601	5,363	5,332	5,676	5,633	4,920	4,903
Total ...	1,023,020	1,018,494	1,106,505	1,139,847	1,137,795	1,134,659	1,099,425	1,101,794

Statement No. V.—Showing particulars of vaccination verified by

District.	Total number of persons vaccinated.		Total number inspected.							
			By Deputy Sanitary Commissioner or Civil Surgeons.				By Native Superintendents or other Inspecting Officers.			
			Deputy Sanitary Commissioners.		Civil Surgeons.		District Inspectors.		Sub-Inspectors.	
	Primary.	Revaccination.	Primary.	Revaccination.	Primary.	Revaccination.	Primary.	Revaccination.	Primary.	Revaccination.
1	2	3	4	5	6	7	8	9	10	11
Patna ...	49,145	792	389	...	2,665	574	9,114	...	21,623	...
Gaya ...	67,632	442	6,792	...	5,672	250	21,163	33	35,034	35
Shahabad ...	46,902	1,099	1,774	...	3,509	...	12,601	...	29,716	...
Saran ...	86,181	423	11,667	...	4,811	319	3,796	...	64,367	...
Champaran ...	55,159	852	...	...	4,555	563	27,755	45	23,623	...
Munaffarpur ...	100,846	1,211	...	...	11,551	1,667	19,941	...	52,048	...
Darbhanga ...	93,456	309	...	...	5,401	305	23,421	...	44,506	...
Monghyr ...	84,721	313	...	...	2,537	238	21,020	...	49,919	...
Bhagalpur ...	76,320	2,244	...	...	3,798	...	19,246	...	3,900	22
Parera ...	57,974	463	...	...	2,889	...	19,544	133	18,522	206
Sonthal Parganas ...	58,240	5,197	...	...	5,763	561	17,659	734	25,593	876
Cuttack ...	137,577	1,915	...	...	5,763	251	42,858	413	69,903	296
Balasore ...	67,556	996	...	...	3,597	198	27,921	91	46,723	282
Angul ...	6,228	764	...	...	1,403	116	2,216	248	4,167	284
Puri ...	53,616	508	...	...	1,465	563	21,534	...	33,834	95
Sambalpur ...	23,904	3,037	...	...	3,776	763	11,426	958	7,259	912
Hazaribagh ...	45,898	517	...	...	3,171	175	12,919	41	19,205	66
Ranchi ...	50,443	947	...	...	2,693	239	9,870	142	26,067	417
Palaman ...	23,306	667	...	...	3,666	340	4,415	...	7,804	...
Manbhuma ...	59,960	1,891	...	...	1,388	906	21,611	467	32,782	583
Singhbhum ...	19,998	643	...	...	3,679	162	8,076	25	10,437	186
Political States of Singhbhum	4,496	145	...	...	1,434	...	1,432	67	3,252	145
Total for the Province ...	1,268,669	25,405	20,523	...	84,407	7,550	386,758	3,327	625,615	4,407

Inspecting Officers during the year 1912-13.

Percentage of inspection to total number vaccinated.								Percentage of cases found successful to total number inspected.								Percentage of success reported by vaccinators.	
By Deputy Sanitary Commissioners or Civil Surgeons.				By Native Superintendents or other Inspecting Officers.				By Deputy Sanitary Commissioners or Civil Surgeons.				By Native Superintendents or other Inspecting Officers.					
Deputy Sanitary Commissioners.		Civil Surgeons.		District Inspectors.		Sub-Inspectors.		Deputy Sanitary Commissioners.		Civil Surgeons.		District Inspectors.		Sub-Inspectors.			
Primary.	Revaccination.	Primary.	Revaccination.	Primary.	Revaccination.	Primary.	Revaccination.	Primary.	Revaccination.	Primary.	Revaccination.	Primary.	Revaccination.	Primary.	Revaccination.	Primary.	Revaccination.
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
77	...	4.20	72.47	18.54	...	43.99	...	99.47	...	99.03	75.95	98.66	...	98.90	...	99.11	73.77
9.99	...	8.46	56.56	31.48	7.46	52.29	7.91	88.40	...	99.08	101.00	98.37	90.90	99.13	9.14	99.44	71.74
3.77	...	8.30	...	26.83	...	50.50	...	97.74	...	97.43	...	97.90	...	97.68	...	99.56	48.90
13.53	...	4.88	75.41	44.06	...	74.57	...	95.60	...	99.85	79.62	99.35	...	99.60	...	98.72	60.04
...	...	8.25	66.07	50.32	5.28	42.83	...	...	...	99.80	70.33	99.62	33.33	99.63	...	...	...
...	...	11.45	87.28	19.77	...	51.61	...	...	...	100.00	78.71	98.19	...	98.86	...	99.62	24.93
...	...	5.77	89.97	25.06	...	47.94	...	...	...	99.57	60.82	99.50	...	99.25	...	99.68	63.13
...	...	2.99	78.03	24.81	...	58.92	...	...	...	100.00	100.00	99.19	...	99.78	...	99.93	76.03
...	...	4.97	...	25.21	...	51.11	98	...	...	99.41	...	99.35	...	99.31	30.28	99.84	61.94
...	...	5.06	...	34.24	28.72	32.45	44.40	...	...	97.57	...	99.71	27.72	99.29	46.57	99.73	44.88
...	...	9.80	11.17	30.32	14.12	43.94	16.85	...	...	99.40	60.80	99.50	50.50	97.40	58.30	99.10	49.83
...	...	4.18	13.00	31.15	21.56	50.81	15.45	...	...	4.13	5.16	30.62	3.47	49.98	2.81	98.81	25.16
...	...	5.32	19.87	41.33	9.13	72.12	28.31	...	...	99.24	80.36	99.63	87.91	99.38	80.20	99.91	77.61
...	...	22.52	15.18	51.63	32.46	66.90	37.17	...	...	95.29	52.58	91.64	56.45	91.62	67.86	88.13	63.53
...	...	2.73	99.01	49.16	...	63.10	18.70	...	...	93.51	73.75	98.55	...	98.38	71.57	99.45	62.20
...	...	15.79	25.12	47.79	31.54	39.32	39.02	...	...	94.88	54.65	90.92	80.37	99.71	82.20	98.90	76.16
...	...	6.90	33.84	26.18	7.93	42.47	12.76	...	...	99.77	34.85	97.58	65.85	98.77	75.75	99.90	77.01
...	...	5.33	25.23	19.56	14.99	51.71	44.03	...	...	99.63	38.78	99.42	33.09	90.77	67.86	99.89	74.86
...	...	15.68	50.07	18.89	...	33.39	...	...	...	88.29	83.23	99.54	...	99.47	...	98.89	87.85
...	...	2.32	49.55	41.11	21.52	54.76	39.83	...	...	97.63	72.80	98.84	52.58	98.88	52.31	99.77	77.57
...	...	18.39	25.19	49.38	3.88	52.19	29.23	...	...	99.66	67.90	99.70	48.00	99.53	54.78	99.58	55.15
...	...	31.89	...	31.85	46.20	72.33	100	...	...	99.90	...	99.90	37.31	99.93	60.00	99.95	60.00
1.61	...	6.65	30.11	30.49	13.13	49.33	17.31	95.39	...	93.77	60.48	95.53	51.80	90.55	5.12	98.94	62.46

Statement No. VI.—Showing side by side the ratios, per 1,000 of population, of Deaths from small-pox and the

District.				1903-04.		1904-05.		1905-06.		1906-07.	
				Ratio of deaths from small-pox.	Number of successful vaccinations.	Ratio of deaths from small-pox.	Number of successful vaccinations.	Ratio of deaths from small-pox.	Number of successful vaccinations.	Ratio of deaths from small-pox.	Number of successful vaccinations.
1				2	3	4	5	6	7	8	9
Patna	...	...	...	·94	37,552	·25	37,699	·32	46,470	·58	50,407
Gaya	...	...	...	·70	62,569	·24	61,724	·07	66,671	·28	72,720
Shahabad	...	...	...	·33	51,275	·10	41,734	·06	52,679	·11	52,483
Saran	...	...	...	·47	57,673	·20	53,626	·06	78,502	·11	74,338
Champanan	...	...	...	·45	51,945	·29	51,071	·13	52,610	·10	49,019
Muraffarpur	...	...	...	·64	90,272	·27	91,137	·13	95,914	·05	99,054
Darbhanga	...	...	...	·20	94,103	·26	91,019	·10	87,559	·09	80,126
Monghyr	...	...	...	·50	80,825	·20	78,834	·15	86,390	·46	83,081
Bhagalpur	...	...	...	·16	75,477	·16	76,681	·35	78,539	·93	79,717
Purnea	...	...	...	·10	62,264	·35	63,913	·18	60,070	·55	59,430
Santal Parganas	...	...	...	1·29	77,250	·11	77,781	·19	68,024	·51	63,028
Cuttack	...	...	...	·27	68,510	·07	93,806	·04	93,420	·14	77,025
Balasore	...	...	...	·25	25,824	·09	45,018	·36	31,835	·80	37,841
Angul	...	...	...	...	6,968	...	5,275	...	10,041	...	8,886
Puri	...	...	...	·64	49,129	1·19	39,884	2·84	43,080	4·72	40,682
Sambalpur	...	...	...	·05	37,637	·11	35,750	·06	26,000	·004	25,024
Hazaribagh	...	...	...	·12	43,319	·01	48,291	·01	48,825	·04	43,816
Ranchi	...	...	...	·16	44,726	·03	46,203	·0038	46,265	·02	46,315
Palamau	...	...	...	·67	18,366	·08	16,976	·009	16,713	·02	17,615
Munbhum	...	...	...	·22	40,119	·009	46,896	·007	51,297	·08	54,690
Singhbhum	...	...	...	·56	19,900	·01	18,734	·02	21,041	·009	19,007
Political States of Singhbhum	...	...	...	...	3,601	...	5,332	...	5,633	...	4,903
Total	...	...	...	·38	1,099,304	·19	127,439	·24	167,608	·39	139,207

number of successful vaccinations during the 10 years ending 1912-13.

1907-08.		1908-09.		1909-10.		1910-11.		1911-12.		1912-13.	
Ratio of deaths from small-pox.	Number of successful vaccinations.	Ratio of deaths from small-pox.	Number of successful vaccinations.	Ratio of deaths from small-pox.	Number of successful vaccinations.	Ratio of deaths from small-pox.	Number of successful vaccinations.	Ratio of deaths from small-pox.	Number of successful vaccinations.	Ratio of deaths from small-pox.	Number of successful vaccinations.
10	11	12	13	14	15	16	17	18	19	20	21
1.69	52,260	2.94	5,3570	1.23	51,589	.30	45,665	.03	48,687	.08	48,768
1.93	73,980	2.68	72,395	.62	74,725	.07	68,104	.07	69,923	.008	66,965
.71	50,939	1.76	53,759	.67	46,311	.04	39,890	.02	36,809	.006	47,086
.29	65,785	.96	74,035	.84	76,930	.07	86,741	.03	83,221	.006	85,339
.38	57,722	.80	56,148	.44	63,172	.02	59,887	.03	60,354	.07	55,486
.09	101,292	.23	101,612	.22	98,808	.06	101,395	.05	102,535	.04	101,405
.11	89,884	.13	75,833	.29	83,005	.07	84,025	.06	83,343	.01	93,546
1.00	80,845	.61	78,958	.30	79,069	.11	85,497	.09	89,123	.08	84,475
1.25	76,312	.15	71,382	.24	77,682	.26	74,438	.43	80,294	.41	77,274
.41	52,054	.08	50,937	.36	61,698	.39	63,167	.24	59,409	.14	56,956
.66	58,350	.71	65,509	.36	67,015	.07	67,446	.03	61,909	.19	60,236
.29	95,087	.28	107,484	.12	134,160	.007	139,487	.002	153,747	.01	137,175
1.25	29,806	.64	35,811	.56	44,340	.41	56,052	.19	63,287	.006	68,271
...	8,283	...	9,022	...	7,602	...	9,353	...	8,207	...	5,906
2.24	55,482	.83	53,920	.16	52,438	.007	53,738	.006	53,619	.02	53,642
.14	27,441	.17	28,265	.04	27,124	.08	33,399	...	33,153	.04	25,955
.23	48,899	1.27	42,294	.42	42,659	.01	50,075	.006	46,544	.02	46,150
.23	53,933	1.48	44,656	.81	46,968	.07	57,541	.02	48,913	.004	51,096
.15	16,241	1.19	27,936	1.43	31,133	.11	21,059	.008	24,782	...	23,683
.31	63,508	.46	62,937	.21	58,160	.01	60,086	.0006	60,420	.005	61,191
.12	18,527	.22	22,721	.42	17,409	.08	26,593	.004	22,341	.05	20,254
...	3,987	...	5,377	...	4,393	...	4,956	...	4,967	...	4,581
.67	1,174,618	.83	1,194,561	.45	1,246,390	.10	1,288,594	.08	1,293,587	.06	1,275,440

Statement No. VII.—Showing the protection afforded to infants in each Town in the Province of Bihar and Orissa during the year 1912-13.

District.	Towns.	Number of births during the year.	Number of deaths amongst children under one year during the year.	Number of successful vaccinations on children under one year during the year ending 31st March 1913.	Date of extension of Vaccination Act to town.
1	2	3	4	5	6
Patna ...	Patna ...	2,912	667	1,200	1st October 1884.
	Bihar ...	1,557	245	829	1st April 1887.
	Dinapore ...	846	106	184	28th January 1891.
	Barh ...	299	54	256	1st April 1887.
	Khagole ...	201	46	47	12th July 1910.
	Total ...	5,815	1,118	2,516	
Gaya ...	Gaya ...	2,332	732	662	1st January 1883.
	Tikari ...	274	33	230	3rd " 1891.
	Daudnagar ...	349	61	239	3rd " "
	Total ...	2,955	826	1,131	
Shahabad ...	Arrah ...	981	96	781	20th July 1885.
	Buxar ...	440	58	322	1st April 1887.
	Dumraon ...	499	31	198	1st " "
	Jagadeshpur ...	360	83	283	20th December 1890.
	Sasaram ...	796	97	849	1st April 1887.
	Bhabua ...	194	21	98	1st " "
	Total ...	3,270	386	2,531	
	Total of the Patna Division ...	12,040	2,330	6,178	
Saran ...	Chapra ...	1,675	343	634	1st April 1887.
	Revelganj ...	472	81	284	12th December 1890.
	Siwan ...	525	47	338	1st April 1887.
	Total ...	2,672	471	1,256	
Champaran ...	Motihari ...	446	97	210	1st April 1887.
	Bettiah ...	774	160	712	1st " "
	Total ...	1,220	257	922	
Muzaffarpur ...	Muzaffarpur ...	1,301	226	1,449	1st January 1886.
	Sitamarhi ...	334	82	312	1st April 1887.
	Hajipur ...	820	176	543	1st May 1890.
	Lalganj ...	336	87	255	1st April 1887.
	Total ...	2,791	571	2,558	

Statement No. VII.—Showing the protection afforded to infants in each Town in the Province of Bihar and Orissa during the year 1912-13—continued

District.	Towns.	Number of births during the year.	Number of deaths amongst children under one year during the year.	Number of successful vaccinations on children under one year during the year ending 31st March 1913.	Date of extension of Vaccination Act to town.
1	2	3	4	5	6
Darbhanga	Darbhanga ...	2,394	483	1,022	24th May 1884.
	Roserah ...	377	99	192	3rd January 1891.
	Samastipur ...	216	43	161	25th July 1910.
	Madhubani ...	628	117	273	1st April 1887.
	Total ...	3,615	742	1,648	
Total of the Tirhut Division ...		10,298	2,041	6,385	
Monghyr	Monghyr ...	1,489	266	585	15th November 1882.
	Jamalpur ...	1,033	158	604	15th " "
	Total ...	2,522	424	1,189	
Bhagalpur	Bhagalpur ...	1,394	255	833	15th February 1884. Withdrawn on the 16th October 1895 and re-extended on the 18th August 1898.
	Colgong ...	169	33	73	15th February 1884. Withdrawn on the 16th October 1895 and re-extended on the 19th December 1901.
	Total ...	1,563	288	906	
Purnea	Purnea ...	466	140	312	1st July 1887.
	Kissenganj ...	143	48	157	12th November 1892.
	Katihar ...	284	46	373	8th August 1910.
	Forbesganj ...	89	40	...	19th " 1912.
	Total ...	982	274	842	
Santal Parganas		557	116	315	1st May 1884.
	Sahibganj ...	256	56	151	1st " "
	Deoghar ...	277	49	144	22nd August 1910.
	Madhupur ...	263	56	150	Notifications dated 9th April 1884 and 23rd August 1910.
	Dumka ...				
	Total ...	1,353	227	760	
Total of the Bhagalpur Division		6,420	1,263	3,697	

Statement No. VII.—Showing the protection afforded to infants in each Town in the Province of Bihar and Orissa during the year 1913—concluded.

District.	Towns.	Number of births during the year.	Number of deaths amongst children under one year during the year.	Number of successful vaccinations on children under one year during the year ending 31st March 1913.	Date of extension of Vaccination Act to town.
1	2	3	4	5	6
Cuttack ...	Cuttack ...	1,408	318	777	1st September 1884.
	Kendrapara ...	487	128	403	7th February "
	Jajpur ...	396	77	215	7th " "
	Total ...	2,291	523	1,526	
Balasore ...	Balasore ...	356	86	205	7th February 1888.
Puri ...	Puri ...	583	204	201	7th " "
Sambalpur ...	Sambalpur ...	395	101	201	7th March 1895.
	Total of the Orissa Division...	3,625	914	2,002	
Hazaribagh ...	Hazaribagh ...	720	128	186	1st January 1885,
	Chatra ...	392	77	125	1st August "
	Giridih ...	138	25	170	8th September 1910.
	Total ...	1,250	230	481	
Ranchi ...	Ranchi ...	1,004	86	1,457	1st April 1887.
	Lohardaga ...	238	33	163	25th June 1892.
	Total ...	1,242	119	1,620	
Palamau...	Daltonganj ...	135	39	162	9th October 1890.
Manbhum ...	Purulia ...	242	21	245	1st January 1887.
	Raghunathpur ...	103	17	77	19th October 1894.
	Jhaldia ...	88	4	57	9th July 1892.
	Total ...	433	42	379	
Singbhum ...	Chaibassa ...	249	42	196	20th June 1892.
	Total of the Chota Nagpur Division.	3,309	472	2,838	
	Total for the Province ...	35,692	7,020	21,100	

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ANNEXURE II.

1974

Provincial Statement.—Showing the different kinds of lymph

District.	Primary									
	Direct from the calf.					With lanoline or glycerine lymph.				
	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of successful cases.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of successful cases.
1	2	3	4	5	6	7	8	9	10	11
Patna ...	...	...	...	...	...	11,100	10,862	168	130	97.25
Gaya ...	...	...	...	...	...	67,032	66,658	221	153	99.44
Shahabad ...	...	...	...	...	...	16,667	16,564	99	24	99.26
Saran ...	...	...	...	...	...	26,748	26,111	350	287	97.61
Champaran ...	...	...	...	...	...	55,150	54,947	89	114	99.83
Munaffarjor ...	...	...	...	...	...	10,675	10,587	73	5	99.27
Darbhanga ...	...	...	...	...	...	95,626	93,350	268	28	99.68
Monghyr ...	...	...	...	...	...	2,065	2,064	1	...	99.95
Bhagalpur ...	...	...	...	...	...	31,213	31,147	24	42	99.79
Furnea ...	...	...	...	...	...	6,300	6,253	69	8	98.78
Santal Parganas ...	...	...	...	...	...	58,237	57,659	142	436	99.10
Cuttack ...	...	...	...	...	...	137,591	136,350	555	1,056	98.61
Balasore ...	...	...	...	...	...	67,556	67,499	43	14	99.91
Angul ...	...	...	...	...	...	6,228	5,471	455	302	87.94
Puri ...	...	...	...	...	...	53,699	53,326	258	85	99.45
Sambalpur ...	23,065	22,874	90	101	99.12	839	708	40	31	91.53
Haridibagh ...	...	...	...	...	...	42,115	42,077	35	3	99.90
Ranchi ...	...	...	...	...	...	50,443	50,388	39	16	99.68
Palamu ...	...	...	...	...	...	23,366	23,107	111	148	98.03
Manbhum ...	...	...	...	...	...	59,900	59,724	71	65	99.77
Singbhum ...	...	...	...	...	...	19,998	19,884	66	48	99.42
Political States of Singbhum	...	...	...	...	...	4,496	4,494	1	1	99.95
Total ..	23,065	22,874	90	101	99.12	845,514	839,280	3,238	2,096	99.26

URE II.

used and their rates of success during the year 1912-13.

vaccination.					Re-vaccination.															
Arm-to-arm vaccination.					Direct from the calf.					With lanoline or glycerine lymph.					Arm-to-arm vaccination.					
Total.	Successful.	Unsuccessful.	Unknown.	Percentage of successful cases.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of successful cases.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of successful cases.	Total.	Successful.	Unsuccessful.	Unknown.	Percentage of successful cases.	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
37,985	37,450	265	264	98.00	...	...	...	...	...	765	446	157	162	50.81	7	4	3	...	57.14	
...	...	...	...	...	...	...	...	...	...	442	307	42	93	69.45	...	...	...	...	...	
30,273	29,994	252	27	99.07	...	...	...	...	...	1,101	532	365	204	48.40	...	...	...	...	...	
59,433	58,974	126	333	99.22	...	...	...	...	...	423	254	65	104	60.04	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	852	539	201	112	63.26	...	...	...	...	...	
90,171	89,878	278	15	99.87	...	...	...	...	...	1,211	922	240	49	79.14	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	339	214	95	50	63.12	...	...	...	...	...	
82,658	82,600	56	...	99.93	...	...	...	...	...	313	238	60	15	79.03	...	...	...	...	...	
45,107	45,052	39	16	99.57	...	...	...	...	...	2,344	1,069	922	253	47.63	...	...	...	...	...	
50,944	50,767	55	22	99.84	...	...	...	...	...	453	195	248	10	43.04	5	5	...	...	100.00	
...	...	...	...	...	...	...	...	...	...	5,126	2,553	1,280	1,293	49.89	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	3,298	829	722	1,747	25.13	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	906	773	174	49	77.61	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	764	435	229	100	56.94	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	508	316	119	83	62.20	...	...	...	...	...	
...	...	...	...	...	2,165	1,934	162	69	89.33	872	379	285	108	43.46	...	...	...	...	...	
4,324	4,316	7	1	99.81	...	...	...	...	...	640	363	272	5	56.72	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	947	709	237	1	74.86	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	667	586	67	14	87.85	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	1,391	1,467	402	22	77.57	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	643	370	240	33	57.54	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	145	87	58	...	60.00	...	...	...	...	...	
400,793	399,037	1,078	678	99.56	2,165	1,934	162	69	89.33	24,600	13,583	6,569	4,508	55.06	12	9	3	...	73.33	

