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**REPORT**  
ON THE  
**ADMINISTRATION**  
OF THE  
**Northern India Salt Revenue**  
**Department**  
FOR THE  
**Official Year 1920-21.**

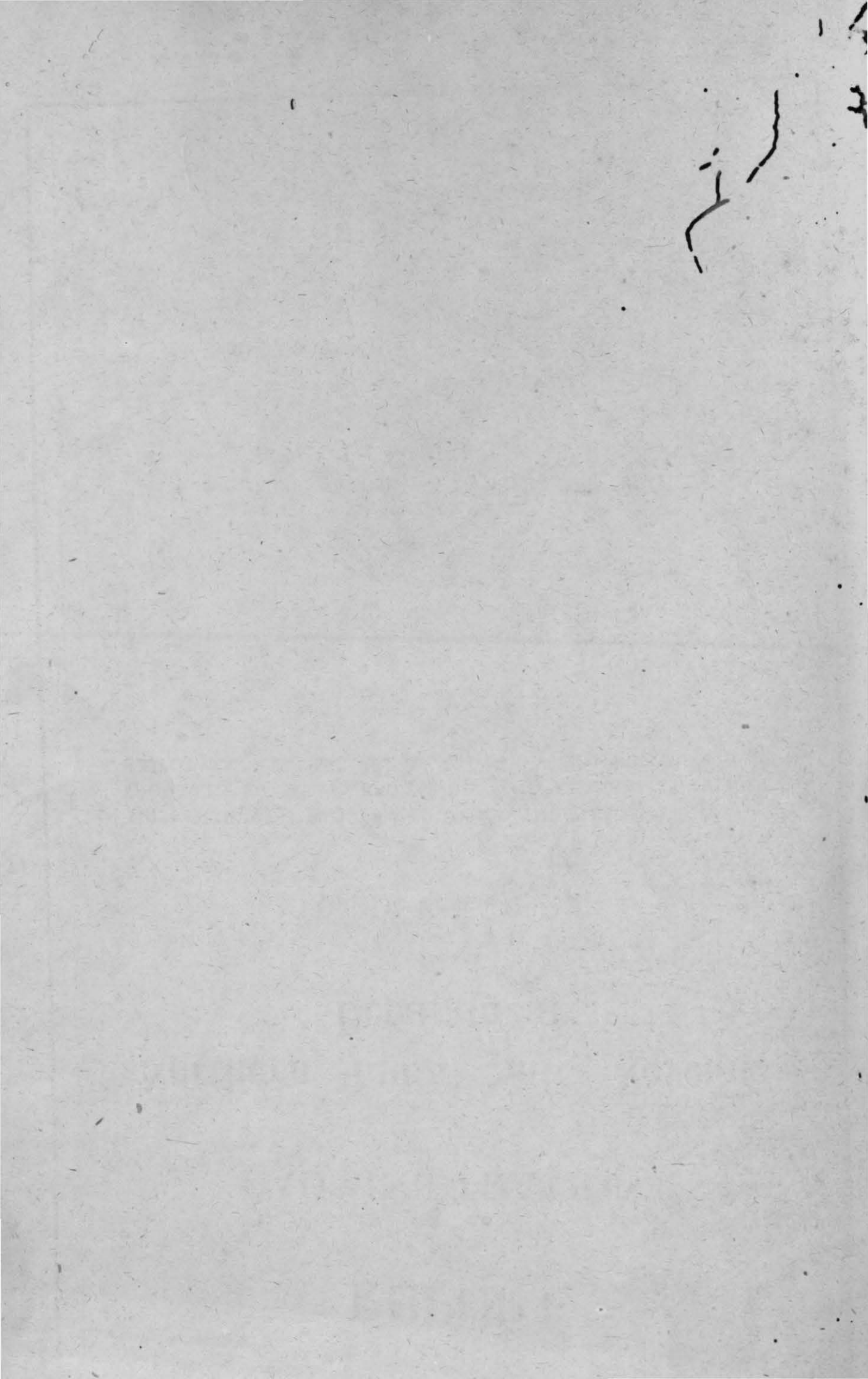
THE NORTH-WEST FRONTIER PROVINCE, THE PUNJAB, THE UNITED  
PROVINCES OF AGRA AND OUDH, THE CENTRAL PROVINCES,  
RAJPUTANA, CENTRAL INDIA AND THE PROVINCE OF BIHAR.

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DELHI  
SUPERINTENDENT GOVERNMENT PRINTING, INDIA  
1922



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PROVINCES OF AGRA AND OUDH, THE CENTRAL PROVINCES,  
RAJPUTANA, CENTRAL INDIA AND THE PROVINCE OF BIHAR.



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## TABLE OF CONTENTS.

*Maximum number of pages fixed—41 pages.*

	PARA.	PAGE.
General remarks . . . . .	1	1
Receipts and charges . . . . .	2-5	1-2
Treaty payments . . . . .	5	2
Sales and issues . . . . .	6	2
Comparison of departmental and treasury accounts . . . . .	7	2
 <i>The Rajputana Salt Sources—</i>		
(1) Sambhar Lake—		
Manufacture of salt during the official year . . . . .	8-9	2-3
Rainfall and character of season . . . . .	10	3
Outturn of salt for the manufacturing season . . . . .	11	3
Cost of manufacture during the year . . . . .	12	3
Stock balance and results of clearance of heaps during the year . . . . .	13	3
Financial result of the lease of the Sambhar Lake . . . . .	14	3-4
Measures for increasing the output of the Sambhar Lake . . . . .	15	4-5
(2) Didwana . . . . .	16	5
(3) Pachbadra -		
Rainfall . . . . .	17	5
Outturn and stock . . . . .	18	5-6
Construction and renovation of pits . . . . .	19	6
Through-traffic clearances . . . . .	20	6
Labour and water problems . . . . .	21	6
Issue of free salt in the Luni tract . . . . .	22	6
Financial result of the lease of the minor salt sources in Jodhpur . . . . .	23	6
Sale prices of salt at the Rajputana salt sources . . . . .	24	6-7
 <i>The Punjab Salt Sources--</i>		
(1) Salt Range Division -		
Excavation of salt . . . . .	25	7
Low level tunnel . . . . .	26	7
Measures for increasing the output of the Khewra mine and of the clearances of salt . . . . .	27	7
Khewra Depot . . . . .	28	7-8
Depressions at the Khewra mine hill . . . . .	29	8
Development of the Warcha mine . . . . .	30	8
The smaller mines . . . . .	31	8
Sale price of salt . . . . .	32	8
Investigation of the potash salt deposits at Nurpur . . . . .	33	8
Water-supply at Khewra and Warcha . . . . .	34	8
Accidents . . . . .	35	8
Plague cases in the division . . . . .	36	8
(2) Mandi Mines . . . . .	37-38	8-9
(3) Sultanpur Salt Works . . . . .	39	9
 <i>North-West Frontier Province—</i>		
Kohat Mines Division . . . . .	40	9-10
Through-traffic trade . . . . .	41	10

	PARA.	PAGE.
<i>Internal Branch—</i>		
Saltpetre production . . . . .	42, 44—46	10—11
Issue of licenses through post offices . . . . .	43	11
Receipts and charges . . . . .	47	11
Refund of duty on salt used for industrial purposes . . . . .	48	11
<i>General—</i>		
Movements and consumption of salt in Northern India . . . . .	49	11—12
Prosecutions and punishments . . . . .	50	12
Cases in the Internal Branch . . . . .	51	12
Revision of pay . . . . .	52	12
Provision for accommodation of labour . . . . .	53	12
Revision of rules . . . . .	54	12
Casualties of the year . . . . .	55	12
Notice of officers . . . . .	56	13
Charge of the Department . . . . .	57	13
Meaning of technical terms used in the report . . . . .	...	14

APPENDICES.

	PAGE.
APPENDIX I.—Statement of receipts and charges of the Northern India Salt Revenue Department . . . . .	16—17
APPENDIX II.—Quantities of salt <sup>manufactured</sup> / <sub>excavated</sub> , indented for, and issued at the Northern India Sources . . . . .	18—19
APPENDIX III.—Statement showing sums due in connection with salt treaties and agreements and amount paid . . . . .	20—21
APPENDIX IV.—Statement showing what the sale price of salt should be at the Rajputana Salt Sources under the orders contained in Resolution No. 326, dated the 17th January 1882, of the Department of Finance and Commerce . . . . .	22
APPENDIX IV-A.—Statement showing the sale price of salt at the Rajputana Salt Sources during the current year . . . . .	23
APPENDIX V.—Statement showing what the sale price of salt should be at the salt sources of the Salt Range Division under the orders contained in Resolution No. 326, dated the 17th January 1882, of the Department of Finance and Commerce . . . . .	24
APPENDIX V-A.—Statement showing the sale price of salt at the salt sources of the Salt Range Division during the current year . . . . .	25
APPENDIX VI.—Statement showing the quantities of salt issued to Indian States under treaty obligations . . . . .	26
APPENDIX VII.—Statistics of through-traffic and ordinary rail-borne trade and proportion borne by through-traffic to the total volume of rail-borne trade at Khewra, Sambhar Lake and Pachbadra . . . . .	27
APPENDIX VIII.—Statement showing the number of traders in each of the provinces supplied by the Department who dealt with the salt depôts and the number of marts they represented . . . . .	27
APPENDIX IX.—Territorial distribution of the salt issued by the Northern India Salt Department according to declared destination at time of despatch from source . . . . .	28—29
APPENDIX X.—Details of issues, imports and exports of salt in the territories grouped as Northern India compiled in the Department of Statistics . . . . .	30—33
APPENDIX X-A.—Total issues, imports and exports in Northern India . . . . .	34
APPENDIX XI.—Comparative statement showing the annual average prices of salt in the principal marts of Northern and Central India . . . . .	35—38
APPENDIX XII.—Statement showing the number of licenses issued for the manufacture of saline substances and the fees realised in the Internal Branch . . . . .	39
APPENDIX XIII.—Statement showing the work done in the saltpetre refineries of the Internal Branch . . . . .	39
APPENDIX XIV.—Statement showing the number of persons arrested and prosecuted or released departmentally for offences against the salt law . . . . .	40
APPENDIX XV.—Statement showing the punishment awarded by the courts for offences against the salt law . . . . .	41

# REPORT

ON THE

## Administration of the Northern India Salt Revenue Department for the official year 1920-21.

1. The year opened with an uncleared balance of salt of more than 52 lakhs of maunds, and all the salt sources remained closed to fresh indents from the public pending clearance of old indents. In July 1920, when the clearance of old indents at Sambhar, Didwana and Pachbadra was nearing completion, it was found necessary to open indenting for salt and in accordance with the powers conferred on me by the rules published with notifications of the Government of India Nos M.-133-20 and M.-133-21, dated the 24th July 1920 and until further orders, I authorised a number of treasuries, post offices, and certain stations on the Great Indian Peninsula and Gwalior Light Railways to accept revenue for the salt sources in Rajputana. On receiving the information traders, speculators and others flooded the treasuries with indents and about a crore of rupees was deposited. I considered it imperative to check these excessive deposits and measures were taken to stop acceptance of revenue. The attempts of traders to force the hand of the department were defeated by analysing the indents received and ordering the refund of excessive deposits of salt revenue received in the treasuries of Sambhar, Agra and Cawnpore.

These measures were adopted in order that the sources might be in a position to clear off the indents within the year. During this period all the indents were cleared except  $6\frac{1}{2}$  lakhs of maunds. Profiteering traders, however, sold at high rates and the public suffered. It was consequently necessary to devise other measures in the public interest, and after discussion it was proposed that a system of agents should be introduced. For this purpose all district officers were asked to nominate respectable and reliable agents for their districts who would be permitted to indent for salt on condition that they would sell wholesale at a fixed rate. This plan has been adopted according to a *quasi* permanent scheme sanctioned by the Government of India.

There was an increase in average provincial retail prices during the year in all areas except North-West Frontier Province, the Punjab and Central Provinces where the drop was from Rs. 3-3-7, Rs. 3-7-4 and Rs. 3-7-0 to Rs. 2-12-1, Rs. 3-4-9 and Rs. 3-5-9 a maund respectively. In the United Provinces the price rose from Rs. 3-0-8 to Rs. 3-4-1, in Bihar from Rs. 3-6-7 to Rs. 3-8-1, in Central India from Rs. 2-13-2 to Rs. 3-2-0 and in Rajputana from Rs. 2-7-1 to Rs. 2-8-4 a maund.

2. The gross revenue of the department was Rs. 1,45,29,346. Out of this sum refunds amounting to Rs. 53,71,214 were paid on account of irregular and excessive payments of revenue or in contravention of the conditions of notification No. Spl.-3, dated the 24th July 1920: the net revenue was Rs. 91,58,132 as compared with Rs. 80,80,511 during 1919-20. Receipts and charges, Appendix I.

3. A total sum of Rs. 53,71,214 was refunded during the year. Refunds on account of irregular deposits, as well as sums deposited in contravention of the conditions of notification No. Spl.-3, dated the 24th July 1920, amounted to Rs. 52,98,160, in addition to this a sum of Rs. 3,975 was included on account of difference in the price of salt of rawannas transferred from Sambhar to Pachbadra and Didwana, Rs. 11,239 on account of rebate of duty on salt used industrially, Rs. 55,434 on account of half duty repaid to the Bikaner State and Rs. 2,406 petty miscellaneous items. Refunds.

4. There was no change during the year in the rate of duty. The price of Salt Range Salt was raised from Re. 0-2-0 to Re. 0-3-0 with effect from the 1st March 1921.

5. Including refunds the total charges amounted to Rs. 83,31,187 and show a percentage on gross receipts of Rs. 5,734 as compared with the revised figure of Rs. 2,997 in the previous year; on the other hand, if the sum of Rs. 53,71,214 on account of refunds be excluded, the total charges amounted to only Rs. 29,59,973 or Rs. 7,05,307 more than in 1919-20. There was a rise of Rs. 1,20,490 under "Fixed charges" due to an increase in the pay of the establishment. An increase of Rs. 6,19,489 in expenditure under "excavation and manufacture" was due mainly to money spent on construction work debited to this head.

The total treaty payments Rs. 29,96,886 shown in appendix III were some 2 $\frac{3}{4}$  lakhs less than the amount due during the year. This Department has to deal with only the payment of the items "Kohat chiefs and villages" and Royalty payable on clearances at Sambhar. The former shows an excess of Rs. 3,220 owing to payment of arrears for the previous year; the latter was paid in full. Net receipts after deduction of treaty payments were Rs. 32,01,273.

6. The uncleared balance of 52,22,883 maunds at the beginning of the year was reduced by refunds to the extent of 35,83,043 maunds. Indents were received for 1,00,50,412 maunds. The total issues during the year were 1,01,60,463 maunds, of which amount a little less than half went out from the Sambhar Lake alone and the uncleared balance at the close of the year was 16,77,892.

7. In the year 1919-20 the Accountant General, Central Revenues, communicated Rs. 80,80,497-15-9 as salt receipts, which included adjustments for the year 1918-19. On comparison of the departmental figures for 1919-20 it was found that there was a difference of Rs. 12-4-11. Excluding the adjustments of the preceding year, *i.e.*, 1918-19, all the differences for the year 1919-20 have been reconciled with the exception of Rs. 679-11-6 on account of collections made at post offices. A difference of Rs. 46,609-9-11, by which the charges debited against this department in the treasury accounts fall below those shown in the departmental accounts, is under correspondence with the Accountant General, Central Revenues.

### Rajputana Salt Sources.

#### SAMBHAR LAKE.

8. The total quantity of salt extracted from the Sambhar Lake during the official year was 64,35,535 maunds or 19,58,336 maunds above the figure of 1919-20. The output was distributed between the various kyars, reservoirs and pan works and was obtained from lake or canal brine as shown in the following statement:—

	Lake brine.	Canal brine.	Mixed lake and canal brine.	Kul brine.	TOTAL.
	Mds.	Mds.	Mds.	Mds.	Mds.
Sambhar <i>Kyar</i> . . . . .	22,57,431	...	14,49,075	...	37,06,506
„ Reservoir . . . . .	...	2,77,219	...	...	2,77,219
Total . . . . .	22,57,431	2,77,219	14,49,075	...	39,83,725
Jhapog <i>Kyar</i> . . . . .	5,25,826	...	...	...	5,25,826
Nawa <i>Kyar</i> . . . . .	3,83,847	...	5,64,446	...	9,48,293
Nawa Reservoir . . . . .	97,788	67,379	...	...	1,65,167
Gudha <i>Kyar</i> . . . . .	4,89,330	...	...	...	4,89,330
Pan Works . . . . .	...	...	...	3,23,194	3,23,194
Total Sambhar Lake 1920-21 . . . . .	37,54,222	3,44,598	20,13,521	3,23,194	64,35,535
Total 1919-20 . . . . .	25,40,140	3,39,995	10,31,855	5,65,209	44,77,199

Treaty payment,  
Appendix III.

Sales and issues,  
Appendix II.

Comparison of  
departmental and  
treasury accounts.

Manufacture of salt  
during the official  
year.  
Appendix II.



Had it not been for the scarcity of labour the increase in output would have been much larger. With the new system of mechanical transport, it is hoped that much less labour will be required and it will be possible to extract and transport to the store all the available salt in the kyars, a great deal of which is now lost for want of sufficient labour. Also, owing to inadequate rainfall and insufficiency of brine in the lake, it was not possible to charge all the kyars with brine.

For the manufacture of pan salt, contracts were given for 354 pans only all of which were at Gudha, as compared with 358 in 1919-20. No pan salt has been manufactured in the Sambhar Circle since 1911-12 or at Nawa since 1st September 1919.

9. In this year the whole output of the lake was for the first time extracted and stored under the new contract system. It has proved successful and is advantageous both to the labourers and to the department as compared with the old method of "plying the rod".

10. The total rainfall during the year amounted to 22.02 inches at Sambhar and 20.79 inches at Nawa as compared with 19.84 inches and 14.26 inches respectively during 1919-20: the average rainfall of Sambhar during the last 49 years since 1871-72 has been 20.36 inches. The heaviest rainfall at both places occurred in July when 12.58 and 13.35 inches were registered at Sambhar and Nawa respectively. April, October, November, December, February and March were rainless and in September and January only light falls were recorded at both places.

Rainfall and character of season.

The depth of brine in the lake as measured at the gauges on the 10th September was 21 inches at Sambhar, 27 inches at Jhapog and 19 inches at Nawa, as compared with 16 inches, 18 inches and 10½ inches respectively on the same date in the preceding year.

The Gudha gauge showed as much as 30 inches, whereas in the previous year there was a depth of only 22 inches of brine. At the close of the year, the lake was dry at all the gauges.

11. The outturn of salt during the manufacturing season, viz., from 1st September 1920 to the 31st August 1921 was 48,63,874 maunds, as compared with 45,92,301 maunds in the previous year. Of this total, 35,76,406 maunds were extracted from kyars and 9,09,300 maunds from reservoirs, while 3,78,168 maunds were supplied by pan contractors.

Outturn of salt for the manufacturing season.

12. The incidence of cost per maund of kyar salt amounted to 1 anna 1.05 pies, as compared with 1 anna 2.33 pies in 1919-20 and 8.90 pies in 1918-19.

Cost of manufacture during the year.

The items included in the cost of manufacture are Rs. 2,46,790 for extraction and storage, Rs. 90,966 expended on repairs to pans and Rs. 77,804 on account of interest on capital account, which amounted at the close of 1920-21 to Rs. 27,99,361.

The actual cost of extraction and storage was 7.75 pies per maund, as compared with 8.21 pies in 1919-20 and 6.89 pies in 1918-19—excluding recoverable advances made to pan contractors, the net cost of manufacturing pan salt during the year amounted to 8.04 pies as compared with 6.27 pies in 1919-20 and 1.93 pies in 1918-19.

13. The balance of salt in store at the close of the year was 46,67,255 maunds as compared with 30,12,843 maunds in 1919-20. During the year 125 heaps estimated to contain 49,54,524 maunds were cleared, with the result that the actual outturn was 59,633 maunds (1.203 per cent.) less than the estimated quantity.

Stock balance and result of clearance of heaps during the year.

14. The usual account of the financial results of the lease of the Sambhar lake is given below:—

Financial result of the lease of the Sambhar Lake.

#### STOCK ACCOUNT.

Salt produced including excesses over estimate found on the clearance of heaps:—

Down to close of 1919-20	20,56,38,629
During 1920-21	65,56,375
Total	<u>21,21,95,004</u>

Debit on account of sales, free salt claimed, wastage and dryage excluding quantity on which refunds were paid :—

Down to close of 1919-20 . . . . .	20,42,84,699
During 1920-21 . . . . .	85,41,377
Total . . . . .	<u>20,78,26,076</u>

#### REVENUE ACCOUNT.

Realisation from the sale of salt including through traffic collections :—

Down to close of 1919-20 . . . . .	5,47,01,944
During 1920-21 after deduction of refunds and price of salt of which the indents were transferred to Didwana and Pachbadra . . . . .	8,63,939
Total . . . . .	<u>5,55,65,883</u>

Expenditure incurred including all treaty and royalty payments and interest on capital expenditure and cost of upkeep, the principal being excluded :—

Down to close of 1919-20 . . . . .	4,71,02,237
During 1920-21 . . . . .	12,19,801
Total . . . . .	<u>4,83,22,038</u>
Net credit balance at the close of 1920-21 . . . . .	<u>72,43,845</u>

The net credit balance was less by 3,55,862 than that of 1919-20.

The quantity of salt stored at the close of the year was 43,68,928 in excess of the liabilities, and if the value of this quantity at annas 4 a maund or Rs. 10,92,232 be added to the net credit balance, a net profit of Rs. 83,36,077 is shown up to date.

15. As stated in last year's report work on the Gudha and Jhapog dam was continued but the construction of the dam, 12,000 feet long, has presented much greater obstacles than were anticipated; the underlying clay proved unexpectedly fluid and the amount of earthwork will be more than doubled. The delay in completion of the work has mainly been due to the late supply of rails. It is, however, hoped to complete and pitch the dam sufficiently to maintain it through this monsoon and hold up 5 feet of water for the next cold and hot weather. Rails have now been laid throughout its length, though only passed for a locomotive for 2,000 feet from the Jhapog and 3,000 feet from the Gudha side.

These locomotive limits are extended day by day and loaded trucks have now reached every part of the dam, despite the tendency of the track to subside under their weight. Serious difficulty has been experienced in obtaining fittings; the welded fish plates with which it has been necessary to make shift continually break as the work progresses. Restrictions of goods booking and shortage of waggons rendered futile all calculations as to the probable arrival of consignments.

The pumping station for west lake reservoir is as far advanced as is possible before the delivery of the pumps ordered from Switzerland. There is some hope of installing them before the monsoon.

The Deodani bitterns pumping station is practically completed, though at present only an oil-engine is available to drive it.

In consequence of delays caused by the English coal strike, there is little prospect of providing electric current before the cold weather.

Similarly, the delay in the supply of 6 miles of track promised by the Disposal's Board, is very seriously prejudicing our chances of developing the new Kyar and Gudha for the next season.

The great bulk of the rails required for Deodani and Jhapog transport and storage schemes have been delivered and it is hoped that with the assistance of the Agent, Bombay, Baroda and Central India Railway the remainder may shortly be available. This is due to the active help of Sir Henry Freeland.

Twenty trucks purchased from the Jodhpur-Bikaner Railway are in regular service and doing valuable work. The labour supply this year was far from adequate and a large quantity of salt was lost on this account. The ultimate remedy for these troubles is the introduction of mechanical contrivances which are being pushed on as rapidly as possible and which when completed will materially reduce the dependence of the local officers on manual labour.

A mechanical sub-division of the Sambhar Lake engineering division was formed from 7th February 1921 under Mr. F. W. Reuss as sub-divisional officer.

On the 18th July 1920, a labourer in the employment of a contractor had his thigh bone fractured. While pushing a loaded truck he lost his footing and was run over by a truck following his, which was being similarly hand pushed. Sambhar Accidents.

He was taken to the hospital immediately but died after a few hours.

### Didwana.

16. The rainfall at Didwana during the year was 14.75 inches, as compared with 19.52 inches in 1919-20 and an average for the 36 years 15.99 inches.

Extraction of salt commenced on the 11th March 1920 and closed on the 14th June 1920. During the official year 2,61,931 maunds (as compared with 5,37,173 in the previous year) were purchased from the manufacturers at a cost of Rs. 12,618.

An excess over the quantity originally estimated and paid for amounting to 41,522 maunds was discovered and added to the stock returns and a deficit of 31,917 maunds was written off.

The uncleared balance at the beginning of the year was 51,338 maunds. Indents were received for 4,26,825 maunds and the stock of salt in hand at the end of the year was 1,46,779 maunds.

Owing to the reduction of the uncleared balance, rawannas covering 24,610 maunds were transferred with the consent of the traders from Sambhar to this source for clearance, an additional quantity of 2,238 maunds of salt being issued on account of the difference in price. The cost of extraction and storage was 9.25 pies per maund as compared with 8.74 pies per maund during 1919-20. The increase is due to enhancement of the rates paid for extraction and storage.

The minimum and maximum charges paid during the year were 5 to 6 pies a maund for extraction and 3.75 to 5.50 a maund for storage.

There was no shortage of labour during the manufacture season.

### Pachbadra Division.

17. The rainfall during the year amounted to 12.30 inches as compared with 9.93 inches during 1919-20. The heaviest fall—2.46 inches—was on the 27th July 1920. All fresh water tanks were filled and the supply for the establishment lasted till the end of February 1921, after which date water had again to be transported from Balotra. Proposals for a pipe line are under consideration. Rainfall.

18. Owing to heavy rainfall during the four consecutive months—May to August—extraction of salt did not begin till the 8th September 1920. Out of the 252 pits selected for extraction in the year under report 165 were emptied, and of the 114 selected in and left over from the previous year only 50 were emptied. Outturn and Stock

The average output per pit amounted to 5,345 maunds and the total year's outturn was 11,49,128 as compared with 7,07,080 maunds in 1919-20, this was a record output for Pachbadra, giving an average of 9,28,526 maunds for the last 10 years. The salt extracted was of good quality. The balance

of salt on the ground at the beginning of the year was 3,72,055 maunds and at the close of the year 11,97,933 maunds. Issues during the year amounted to 4,84,984 maunds. 65,523 maunds were issued to traders whose rawannas were transferred from Sambhar for clearance at Pachbadra. The uncleared balance at the close of the year was 2,27,732 maunds. The rates paid to pit owners were raised by three pies a maund from -/1/3, -/1/6, and -/1/9 to -/1/6 -/1/9, and Re. -/2/0, respectively, from 1st June 1920. The average rate of payment is now Re. -/1/9 a maund.

Construction and renovation of pits.

19. The outstanding balance of Rs. 5,982-5-11 recoverable from the owners of pits on account of cost of construction and renovation was further reduced to Rs. 4,715-11-1. Expenditure on this account during the year was Rs. 1,933-11-0 (including interest) and recoveries amounted to Rs. 3,200-5-10.

Through Traffic clearance.

20. The arrangement for the clearance of both through traffic and Raj salt by a contractor at a uniform rate of Rs. 3-0-0 a hundred maunds was continued throughout the year.

Labour and water problems

21. The labour conditions at Pachbadra owing to scarcity of water are as bad as ever, and will not improve until a satisfactory system of water-supply is introduced. Every effort is being made to remove the difficulty, and it is hoped that in the near future it will be overcome with the aid of Jodhpur State authorities.

Issue of free salt in the Luni tract.

22. In the Luni tract 3,037 maunds of salt were distributed free at the usual rate of six seers per head to 20,246 persons residing in 40 villages. This is about half the quantity issued last year. The inhabitants of three villages did not make an appearance and fewer persons from other villages came in, which accounts for the decrease in the quantity.

Financial results of the lease of the minor salt sources in Jodhpur.

23. The usual account of the financial administration of the minor salt sources in the Jodhpur State is given below with reference to Article XI of the Salt Agreement of the 18th January 1879.

#### Receipts.

	Rs.
Sale price of 3,02,437 maunds at Didwana . . . . .	37,939
Sale price of 5,72,830 maunds at Pachbadra . . . . .	53,703
Total . . . . .	91,642

#### Charges.

	Rs.
Expenditure on establishment, contingencies, excluding treaty payments and the outlay treated as capital expenditure incurred up to the close of 1919-20, but including interest on the latter debitable to price at Didwana . . . . .	16,135
Expenditure on establishment, contingencies, excluding treaty payments and the outlay treated as capital expenditure incurred up to the close of 1919-20, but including interest on the latter debitable to price at Pachbadra . . . . .	1,45,654
Liabilities under article VI of the Agreement . . . . .	3,76,000
Total . . . . .	5,37,789
Net debit balance . . . . .	4,46,147

Sale price of salt at the Rajputana Salt Sources.  
Appendix IV.

24. In accordance with the Government of India Resolution of the 17th January 1882, a sum of Rs. 7,26,585 expended at Sambhar during the year was added to the capital account in calculating the actual cost of the salt produced at the Rajputana Sources.

The total amount treated as capital expenditure against the price of Sambhar salt to the close of the year was Rs. 31,00,244 comprising Rs. 24,40,037 expended on the construction and repairs of kyars and Rs. 3,32,184 on railway sidings, Rs. 62,370 on quarters for the establishment connected with manufacture, Rs. 2,25,435 on the purchase and repairs and setting up of pumps and engines and Rs. 21,948 loss sustained on the sale of a portable railway. The

profit and loss on the transaction at each of the working salt sources have been worked out after inclusion of leave and pension charges and exclusion of through traffic receipts and charges.

The accounts compiled on the above basis for the 39 years ending 1920-21 show a net profit of Rs. 1,40,69,326 and Rs. 59,070, respectively, on the sales of Sambhar and Didwana salt and a loss of Rs. 10,73,963 on Pachbadra salt. There was a gain of Rs. 8,653 on the sales of salt effected at the closed salt sources. The profit on the Rajputana salt sources taken as one group amounts to Rs. 1,30,63,086.

### Salt Range Division.

25. This was a most unfortunate year for the mines division on account of the strike of miners at Khewra and the low output of salt at Warcha and Kalabagh through disorganisation of trade. Excavation of salt.  
Appendix II.

The output from the Khewra Mine was only 36,02,330 maunds as compared with 38,27,658 in 1919-20, the decrease being due entirely to the strike, which began on the 31st January 1921 and had not ended when the year closed. The total quantity calculated by measurement, for the complete year cannot be given as no measurement was effected after July 1920 as the miners refused to have their work measured if the increase in rates they demanded was not granted.

Excavation work was normal up to September 1920, from October 1920 to the end of January 1921, it was exceptionally good, but these results were obtained at the expense of development of the mine, which is now in arrears and will require special attention.

26. The low level tunnel has reached the pillars of blocks 28/29—not much forward progress was made as the work was again confined chiefly to widening and raising the tunnel to its full dimensions. Low level tunnel.

An expenditure of Rs. 907 was incurred on the tunnel during the year which brings the total expenditure on tunnelling in rock up to Rs. 1,24,583-5-5. Widening and raising the sections in salt, payment for which was made at the ordinary rates in force for the excavation of salt, cost Rs. 51,147.

27. The incline in block 17 was worked regularly up to the end of July 1920 and again from the beginning of September 1920 to the end of January 1921, when the miners struck work. The level sections for both haulages were completed during the year and the inclined cuttings for the haulages carried to a depth of 38 feet in block 9 and 40 feet in block 22. These cuttings have to be lowered to a total depth of 50 feet and properly graded before the haulage road can be laid. The work of lowering and grading is in progress. Development work at Khewra has suffered, first, owing to the urgency of increasing production in order to clear off accumulated indents and after January 1921 owing to the strike. Development of the Western Section of the mine has progressed satisfactorily. In block A a new chamber was formed, in block 2 a drift was widened and blocks D. 4, 6, and 8 were widened. In the Eastern Section 5 chambers were connected with the tunnel. Measures for  
increasing output.

A drift for the ventilation of the Eastern Section of the mine which was started last year was driven 52 running feet during the year at a cost of Rs. 104. The two drifts started last year from the north and south sides with a view to proving the hill on the west of the Khewra Gorge were stopped after they had progressed 254 feet and 240 feet respectively. They are said to be too high up the hill.

A fresh drift is to be started much lower down when a suitable point has been selected. An expenditure of Rs. 7,404 was incurred during the year and a total length of 493·8 feet of drift work was done up to the end of July 1920. This high expenditure is due to the necessity of heavy timbering.

28. Mr. Glen George, Consulting Engineer, visited Khewra in December 1920. His report on the mine has been received, the instructions contained therein will be followed and the suggestions for improvement will be taken up with the concurrence of the Government of India. Khewra Depôt.

The employment of jail prisoners in the depôt continues to prove successful. Their introduction in larger numbers is under consideration, since the free labour available for depôt purposes is found to be inefficient as well as expensive.

29. The drainage works completed last year could not be thoroughly tested, as there was very little rain during the year. The earth filled into the large depressions has, however, had time to settle and less water entered the mine. A masonry aqueduct has also been constructed in order to protect the low level tunnel where it passes under the Billianwala Stream.

30. The development of the Warcha mine made very little progress, the mine being blocked with an accumulation of salt. Drifts aggregating 947·5 running feet were driven at a total cost of Rs. 1,375. The tramway and rolling stock were kept in order at a total cost of Rs. 2,577.

The new bungalow for the Superintendent was completed during the year at a total cost of Rs. 16,258 and the hospital and quarters for medical staff were nearing completion, the total expenditure on which up to the close of the year was Rs. 12,129.

31. No expenditure was incurred during the year at the small Nurpur Mine. Of the two drifts being driven at Kalabagh, the one in quarry No. 10 was advanced 100 feet, the two drifts were connected by a cross drift 103 feet long and after the connection had improved ventilation, the drift in No. 10 only was pushed forward while an intermediate drift between Nos. 10 and 12 was started and driven 113·5 feet. In No. 10 drift a good seam of the salt 45 feet thick was proved. The total cost of driving drifts at Kalabagh was Rs. 3,643, the salt amounting to 5,821 maunds excavated in the course of driving these drifts realised Rs. 8,026 in revenue.

32. Statistics similar to those given for the Rajputana salt sources, have been furnished in respect of the Salt Range Division in Appendix V and V-A. The account commences from the 1st April 1894 and in the transactions for the 27 years ending the 31st March 1921 there has been a loss of Rs. 1,51,252 or 0·34 pies a maund on the 8,45,55,122 maunds sold, Rs. 61,47,534 having been realised on account of price and Rs. 62,98,786 expended on excavation and storage. In the year under report there was a net loss of Rs. 44,836 (as compared with a net profit of Rs. 83,804 in 1919-20). The average cost of excavation and transport to the depôt per 100 maunds cannot be given for the complete year owing to the strike and therefore a comparison of cost for last year and this is not possible.

The price of salt was raised from annas 2 to annas 3 a maund with effect from the 1st March 1921.

33. Excavation of potash salt continued at Nurpur—1,350 maunds were sent to Calcutta during the year.

34. The cost of the up-keep of the water-supply at Khewra and Warcha was Rs. 4,544 and Rs. 250 respectively. The expenditure at Khewra includes a sum of Rs. 1,902 which was charged to the North Western Railway as its share of the cost of up-keep. In addition to the above, an expenditure of Rs. 10,962 was incurred on the new reservoir and the laying of certain pipes in connection with it for the improvement of the Khewra water-supply. This work is nearing completion.

35. The average number of persons employed daily above and below ground in the Khewra Mine during the calendar year as shown by the registers fell from 869 to 852 of whom 487 were men, 312 women and 53 children under 12 years of age. A more exact check in 1921 has, however, shown these figures to be incorrect. There were 46 minor and 5 serious accidents in this mine. No accidents occurred at Warcha and Kalabagh.

36. There was no case of plague in the division during the year; measures were taken for its prevention.

#### Mandi Quarries.

37. Mandi sales amounted to 1,45,619 maunds and were 15,947 maunds better than in the previous year; the increase of 12,905 and 3,042 maunds at

Depressions on the  
Khewra Mine hill

Development of the  
Warcha Mine.

The Smaller Mines.

Sale Price of salt.  
Appendix V.

Investigation of the  
potash salt deposits  
at Nurpur.

Water-supply at  
Khewra and  
Warcha.

Accidents.

Plague cases.

Guman and Drang, respectively, is due to the satisfactory working of the Guman quarries and to the dryness of the weather. The year closed with no uncleared balance and with 10,911 maunds of salt in stock.

38. There was no change in the area of consumption, and the price and duty remained as before.

### Sultanpur Salt Works.

39. The demand for Sultanpur Salt was fairly brisk during the year. The outturn from 32 licensed works was 42,129 maunds as compared with 45,819 in 1919-20 and the clearances 55,999 maunds against 23,922 for the last year. There was a decrease of 3,690 maunds in outturn and an increase of 32,077 maunds in clearances, the sale price falling from annas 10 to annas 8 a maund. Rs. 868 were realised on account of hakimi cess at the usual rate and Rs. 146 were paid to the zamindars as pachotra allowance for 1919-20. The year closed with a balance of 10,228 maunds in store and indents for 400 maunds to be cleared.

### Kohat Mines Division.

40. The year opened with a balance of 34,000 maunds of salt in store; 6,86,149 maunds were excavated during the year and 6,64,149 maunds were issued, leaving a balance of 56,000 maunds in store and indents for 16,747 maunds to be cleared. The figures for excavation show an improvement on last year, due to the fact that in the latter half of the year the quarry owners were able to get labour on account of the failure of the monsoon and winter rains. More salt could have been excavated if the demand had been greater. Issues were also 53,998 maunds in excess of the figures for 1919-20. So far as can be ascertained an estimate only is possible—8,077 maunds of the issues went to the Punjab, 12,919 maunds found their way across the border and the balance of 6,43,153 maunds remained in the North-West Frontier Province.

Only one accident occurred in the quarries during the year. In one of the Jatta quarries, a fall of some rocks from the cliff face dislodged a large block of salt, which fell on a miner, killing him instantly. No blame is attached to any person.

No new exposures of salt were found during the year.

No raids on depôts or guard-posts were made, though the depôts at Bahadur Khel and Karak receive very frequent warnings of intended raids. The road between Kohat and Bannu is undoubtedly dangerous and several attacks on travellers have taken place, but these are generally the work of local *badmashes* seeking loot.

Action to facilitate the defence of the depôts has been taken, but the required measures are not completed. The Superintendent's bungalow at Bahadur Khel has been strengthened by a parapet with a ladder and a trap door leading to the roof; it has also been surrounded by a wall and a barbed wire entanglement. At Karak a strong gateway with a trapdoor has been fixed and the parapets have been raised and strengthened.

The disturbed state of the frontier, as well as the increased cost of living, embarrassed the menial establishment on their low pay of Rs. 10 and 11, and it was impossible for the men to keep themselves or their families on this wage. Discontent became so general that numerous peons, dispensing with the formality of resignation, simply left their Government property with the petty officer and disappeared. In July 1920 a crisis was reached: in one depôt 30 men sent in their resignations in one day. On urgent representation, an increase of Rs. 5 in each man's pay was sanctioned from the 17th August 1920. Prices have, however, still further risen and a further increase with effect from 1st March 1921 has been sanctioned by the Government of India.

A jamadar of the Department was murdered by an enemy on account of a private grudge. The murderer escaped over the border, but was shortly afterwards killed by the Battalion Police, while raiding in British territory. The jamadar's rifle was recovered from the murderer.

In another case one peon murdered another in a petty quarrel; the murderer escaped over the border and is still at large; his father succeeded in recovering the Government rifle from him.

The proposal to convert the Kohat quarries into mines has recently been considered on the spot by Mr. Glen George, the Consulting Engineer of this Department, but was dropped on account of the objections raised by the workers, and of the facility with which salt can be extracted by surface operations.

Through traffic trade.

41. The through traffic sales during the year amounted to 46,53,575 maunds against 43,58,552 maunds in 1919-20 and issues amounted to 55,54,588 maunds as compared with 79,74,330 in 1919-20. The percentage of through-traffic sales and issues in the year from the three major sources was 55.32 and 65.53 of the total rail-borne trade as compared with 96.96 and 73.94 of the previous year.

Of the revenue of Rs. 67,80,703 paid on account of through traffic salt during the year Rs. 63,30,614 were paid into treasuries, Rs. 2,88,663 into post offices and Rs. 1,61,426 into stations on the Great Indian Peninsula and Gwalior Light Railways.

The account of through-traffic receipts and charges is as follows :—

Division.	Receipts.	CHARGES.		
		Fixed.	Contingencies.	Total.
	Rs.	Rs.	Rs.	Rs.
Salt Range . . . . .	36,383	13,636	67,008	80,644
Sambhar . . . . .	33,389	4,430	41,822	46,252
Pachbadra . . . . .	19,861	3,440	8,540	11,980
Total . . . . .	89,633	21,506	1,17,370	1,38,876

There was a loss of Rs. 49,243 on the year's transactions. This loss was mainly at Khewra and was due to the expenditure incurred on the clearance of blocked indents on which through-traffic charges had been credited in previous years. 6 pies a maund were realised from traders for the clearance of through-traffic salt at Sambhar and Khewra and 9 pies a maund at Pachbadra throughout the year.

The accounts shown above do not include the interest on capital expenditure incurred in connection with leave and pensionary charges on account of the establishment employed on through-traffic work. An account including these items, and also the cost of service stamps, is shown at the foot of appendices IV, IVA., V and VA. In Rajputana there was a profit of Rs. 66,763 on the transactions for the 39 years ending the 31st March 1921, while in the Salt Range Division the profit during 27 years amounted to Rs. 3,52,551.

Through-traffic salt continued to be cleared departmentally at Khewra but at Sambhar and Pachbadra contractors were employed. The average cost at Khewra was Rs. 19/9/8 per thousand maunds and at Sambhar the rate was raised from Rs. 16 to 17-8-0 from the 1st April 1920 and to Rs. 24 from the 14th March 1921. The rate at Pachbadra was Rs. 30 per thousand maunds, throughout the year.

### Internal Branch.

42. The year opened with no signs of any improvement. The effect of the 1919-20 break-down in crude saltpetre manufacture is now being felt. The saltpetre industry has not recovered from the severe set-back it received in 1918-19. The number of refinery licenses issued fell by 20 and of the 397

Saltpetre production.



refineries licensed only 393 worked as compared with 411 in the previous year, while owing to the depressed market, many refineries remained closed. Licenses issued for the manufacture of crude saltpetre increased by 9,762. This was due to the price of refined saltpetre of low refraction suddenly rising to Rs. 20 a maund. As, however, prices soon fell many of the newly licensed works were not opened. The year's outturn of refined saltpetre fell by 66,219 maunds to 4,46,883 maunds, the decrease being due to a weakening of the demand.

43. During the year under report post offices continued to issue licenses for the convenience of the luniya. No special complaint against them was received during the year, but circle officers still comment on the carelessness with which post offices issue licenses and keep accounts. This Department cannot properly supervise the licensed works and the keeping of accounts by post masters is in despite of repeated instructions, very irregular and incomplete.

Issue of licenses through post office.

44. The quantity of saltpetre imported into Calcutta decreased by 62,553 maunds to 4,08,281 maunds and the quantity exported by sea fell by 4,51,717 maunds to 17,191 maunds. The imports were distributed as follows:—

	Maunds.	Tons.
United Provinces . . . . .	1,23,208	4,709 $\frac{3}{4}$
Bihar and Orissa . . . . .	2,10,526	7,733 $\frac{1}{2}$
Punjab . . . . .	66,246	2,433 $\frac{1}{2}$
Bengal . . . . .	104	4
Rajputana and Central India . . . . .	2,603	95 $\frac{1}{2}$
Sind . . . . .	594	21 $\frac{3}{4}$
Total . . . . .	4,08,281	14,998

Exports from Karachi rose from 1,550 tons in 1919-20 to 3,059 tons during the year under report.

45. There was very little demand for Khari in the upper and lower provinces, due to the falling off in the skin and hide trade with the result that the number of licenses issued for Khari manufacture in the United Provinces was less by 522 and in Bihar by 8,379.

46. The purified salt educed in refineries amounted to 80,533 maunds and sitta or impure salt to 2,19,690 maunds, while 57,979 maunds of salt (as compared with 84,376 maunds in 1919-20) and 8,986 maunds of sitta were excised and 6,575 maunds of salt and 2,20,993 maunds of sitta were destroyed.

47. The revenue realised in the Internal Branch was Rs. 1,12,113 or Rs. 41,289 less than in 1919-20. Fixed and contingent charges together amounted to Rs. 1,78,626 as compared with Rs. 1,51,243 in 1919-20. Fixed and contingent charges increased by Rs. 26,882 and Rs. 501 respectively as compared with 1919-20. Excluding refunds which amounted to Rs. 11,239 the revenue realized fell short of the expenditure by Rs. 66,513.

Receipts and charges.

48. The number of firms enjoying a concession to use salt free of duty for industrial purposes was 14 as compared with 12 in the previous year. Concessions to 2 new firms, the Jain Soap Company, Lahore, and the Lahore Tannery, were granted during the year. The fee of Rs. 100 which is payable annually by each of the firms, to cover the cost of supervision and incidental expenditure was realized. Rebates of duty amounting to Rs. 11,239 were paid to the firms during the year. The decrease of Rs. 13,504 as compared with the figures of last year, was due to a decrease in the quantity of salt used for industrial purposes.

Refund of duty on salt used for industrial purposes.

49. The total imports of salt from outside Northern India of 81.19 lakhs of maunds as compared with 80.92 lakhs in 1919-20 were still some 19 lakhs below the pre-war average, imports from Bengal, though 5 lakhs better than in 1919-20, being some 19 lakhs behind the average of three years 1911-12 to 1913-14. (Sea-borne imports of foreign salt were 44 lakhs of maunds better than in 1919-20 exceeding even the pre-war figures by about 15 lakhs.) Imports from Bombay (Kharagodha salt to the United Provinces and Rajputana and

Movements and consumption of salt in Northern India Appendices X and X-A.

sea salt to the Central Provinces) and Madras (mainly to Bihar and Orissa) were 35.54 and 11.77 lakhs as compared with 39.25 and 11.89 lakhs in 1919-20 respectively. Sind which supplied 1.21 lakhs last year sent only 0.28 lakhs of maunds. The total exports of 10.75 lakhs prove to be about two lakhs below normal. There was a decrease in local issues of  $25\frac{1}{2}$  lakhs of maunds and consumption (*i. e.*, imports *plus* issues *minus* exports) was  $24\frac{1}{2}$  lakhs less than the figure for last year and about  $21\frac{3}{4}$  lakhs less than the pre-war average.

The United Provinces and Rajputana show a further reduction in their figures of consumption for 1920-21, but Bihar and the North-West Frontier Province, show an increase. A comparison of the figures in appendices X and X-A with those of appendix IX will show that the United Provinces took about two-thirds of the total issues of Sambhar and Bihar received less than half of last year's amount, while the imports of Bihar from Bengal and Assam increased by about 3 lakhs of maunds.

50. Offences against the salt Act rose from 474 in the previous year to 691 in the year under report and the number of persons implicated from 509 to 769. In all 434 persons were prosecuted and 335 released departmentally. Of the latter 12 persons were punished by the Commissioner with suspension of licenses for varying periods.

51. In the Internal Branch 99 maunds of salt pure and impure and 76 maunds of other saline substances were seized, 326 persons were detected manufacturing salt illicitly on crude Saltpetre, Khari and Rassi factories, 84 persons were found to have manufactured substances other than those for which their factories were licensed and 99 persons were found to be working unlicensed factories. Of the 99 maunds of salt seized, 7 maunds were smuggled from Saltpetre refineries. In the Rajanpur Circle 270 persons were arrested for manufacturing salt illicitly from saline earth.

Fourteen seizures of rock salt were effected in the Ludhiana district during the year. The Government of India prohibited the importation of salt into the district with effect from the 1st May 1920, but in spite of this prohibition several traders secretly imported 4,928 maunds of Khewra salt, 3,023 maunds were seized and 44 persons were brought to court, of whom 6 were convicted, 4 acquitted and 34 were awaiting their trial when the year closed.

52. Sanction was received during the year to a long desired increase in the pay of clerks but the scale as approved has not given satisfaction to the recipients.

53. A plot of land measuring 60 bighas was taken over from the Raj authorities on 1st April 1920 in the immediate vicinity of the Gudha Railway Station on a rental of Rs. 30 a year, where suitable accommodation has been provided for labourers. The area has been enclosed by a Kacha wall and 4 blocks of 10 quarters each have been constructed. They will provide accommodation for about 150 labourers. The village has been planned to provide every facility for labourers, leaving some room in the southern corner of the enclosure for cultivation.

54. As was mentioned in last year's report Mr. D. M. Smith, Personal Assistant to Commissioner, carried on his work in connection with the scheme provisionally approved by the Government of India, till December 1920, when the rules were submitted to the Government of India for approval.

55. The services of Mr. A. V. Nash, Superintendent, who was seconded for military duty with effect from the 29th July 1915, were transferred, to the Army Department on the 15th December 1920. Mr. D. Durham, the senior Superintendent of the Department, died on the 14th January 1921 after serving Government loyally for nearly 29 years and the Department lost a good officer in him. Diwan Sunder Das Midha, probationary Superintendent, was permitted to resign his appointment on the 6th March 1921 and Saiyed Qasim Husain, Superintendent Provisional, Substantive, retired after good service of 30 years on 6th April 1920.

Prosecutions and  
punishments.  
Appendices XIV  
and XV.

Cases in the Inter-  
nal Branch.

Revision of pay.

Provision of accom-  
modation for labour  
(Fergussonpur vill-  
age).

Revision of rules.

Casualties of the  
year.

56. The burden of work falling on all officers during the year has been heavy, and it is difficult and invidious to single out names for special mention. It would be simpler, though still more invidious, to mention the small proportion of men who failed to keep pace with their colleagues. Messrs. Lyon, Rollo and K. B. Abdur Rahim Khan, in the Salt Range Mines Division; Mr. Wilson and Mr. Scott in Kohat; Messrs. Beatson, and English in the Khewra depot; Mr. Howard, Mr. Goodwin and M. Abdul Aziz Khan at Pachbadra; Messrs. C. Haygarth, McIver, M. Md. Ibrahim, M. Saiyed Mohamed, Lala Shiv Charan Dass and Mr. Aers at Sambhar; Mr. R. N. Haygarth, Mr. Fanthome and Lala Damodar Das in the Upper Division; and Mr. Davey in the Lower Division, all did good work. The work of the clerical staff has continued to increase and is now over-whelming. The senior men in particular are swamped with unavoidable arrears against which they struggle bravely. Notice of officers.

57. Mr. J. C. Fergusson, I.C.S., held charge of the Department throughout the year. Mr. P. C. Scott O'Connor continued to do useful work in the Deputy Commissionership which he held throughout the year. Mr. E. D. Bennett acted as my Personal Assistant till the 6th December 1920, when Mr. D. M. Smith resumed his post, both having shown their capacity for the post. Charge of the Department.

C. F. STRICKLAND,

*Offg. Commissioner,*

*Northern India Salt Revenue, Agra.*

AGRA;

*The 2nd December 1921.*

### Meaning of technical terms used in the report.

*Banjara*.—(Rajputana sources.) A professional hawker of merchandise carried on pack animals.

*Farodi*.—A licensed vendor of salt within a "protected area" as defined by the rules made by the Governor General in Council under the Indian Salt Act of 1882.

*Hakimi cess*.—Royalty levied by Government on all salt sold from the Sultanpur Salt works.

*Khari*.—Crude sulphate of soda.

*Kul*.—A broad shallow well from which subterranean brine is lifted at salt works.

*Kyar*.—A large embanked enclosure constructed at the edge of the Sambhar Lake and divided into pans for the manufacture of salt.

*Luniya*.—Properly a caste of Hindus in Northern India whose hereditary occupation is the manufacture of saltpetre, Khari, etc., but the name is loosely used for manufacturers of saltpetre, etc., in general.

*Pachotra*.—The zamindar's share of the hakimi cess.

*Rassi and Sajji*.—Crude carbonate of soda.

*Rawanna*.—A pass or permit for the clearance or transit of salt on which duty has been paid.

*Sitta*.—Impure salt educed in the manufacture of saltpetre.

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**APPENDICES.**

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Appen  
Statement of Receipts and Charges of the Northern India

Heads.	1	2	3	4
	Central Office.	Sambhar Lake.	Didwana.	Pachbadra.
	Rs.	Rs.	Rs.	Rs.
<i>Receipts.</i>				
Sale-proceeds of salt . . . . .	...	15,06,336	49,997	1,16,884
Excise duty on salt . . . . .	...	75,25,432	4,83,302	14,39,469
Proprietary share of Government (hakimi cess) in the produce of the Sultanpur salt works.	...	...	...	...
Fees for licenses for saline works and for <i>sitta</i> excised, Internal Branch . . . . .	...	...	...	...
Miscellaneous, including fines and forfeitures . . . . .	10	3,504	216	491
Through-traffic collections . . . . .	...	68,554	502	50,293
Total	10	91,03,826	5,34,017	16,07,137
Total of 1919-20	167	32,23,717	33,048	3,87,042
<i>FIXED CHARGES.</i>				
<i>Officers.</i>				
Commissioner . . . . .	32,880	...	...	...
Deputy Commissioner . . . . .	16,816	...	...	...
Personal Assistant to Commissioner . . . . .	13,114	...	...	...
Assistant Commissioners and General Manager of Salt Mines . . . . .	...	14,275	...	8,348
Executive Engineer . . . . .	...	16,020	...	...
Mechanical Engineer . . . . .	...	...	...	...
Assistant General Manager . . . . .	...	...	...	...
Exchange Compensation Allowance . . . . .	61	...	...	...
<i>Office Establishment.</i>				
Clerks . . . . .	24,846	27,805	...	7,532
Servants and Guards . . . . .	3,471	4,565	...	3,066
<i>Preventive Establishment.</i>				
Superintendents and Assistant Superintendents . . . . .	...	48,489	5,188	8,447
Inspectors . . . . .	...	9,906	608	3,858
Clerks . . . . .	...	2,856	470	...
Kotgashts, Jamadars and Havildars . . . . .	...	5,171	312	2,893
Servants and Guards . . . . .	...	20,299	1,740	6,715
Medical Establishment . . . . .	...	5,446	120	1,921
Temporary Establishment . . . . .	...	6,010	383	...
Exchange Compensation Allowance . . . . .	...	...	...	...
Total Fixed Charges	91,188	1,60,842	8,821	42,780
Total of 1919-20	73,494	1,30,513	8,153	35,891
<i>Contingencies.</i>				
Travelling allowance . . . . .	7,660	7,466	415	1,382
Horse allowance . . . . .	...	6	138	512
Compensation for dearness of food-grains . . . . .	...	2	...	...
War allowance . . . . .	546	4,555	309	1,833
Special War zone allowance . . . . .	...	...	...	...
Conveyance of tents and records . . . . .	533	3	...	47
Purchase and repairs of tents . . . . .	147	...	...	8
House rent . . . . .	2,871	...	...	...
Hot-weather charges . . . . .	660	760	69	125
Service postage and telegrams . . . . .	5,533	2,554	116	799
Stationery . . . . .	199	118	...	1
Excavation and manufacture of salt . . . . .	...	10,77,577	13,889	1,34,569
Rewards . . . . .	...	...	...	...
Clearance of through-traffic salt . . . . .	...	...	...	...
Uniforms . . . . .	...	41,822	...	9,566
Water-supply . . . . .	2,159	1,291	...	...
Petty construction and repairs . . . . .	...	...	...	2,493
Miscellaneous . . . . .	...	17,653	551	11,778
Total Contingencies	3,781	9,959	636	1,596
Total of 1919-20	24,251	11,63,766	16,123	1,64,718
Refunds	...	6,18,283	26,978	1,10,648
Total charges	1,15,489	39,62,233	1,85,028	10,59,638
Total of 1919-20	96,193	52,86,841	2,09,972	12,67,181
Net receipts	-1,15,429	7,94,947	40,555	1,80,298
Percentage of charges	...	38,16,985	3,24,045	3,39,966
Treaty payments	...	58-07	39-32	78-85
Net receipts after deduction of treaty payments	...	...	...	...

dix I.  
Salt Revenue Department for the year 1920-21.

5	6	7	8	9	10	Heads.
Salt Range.	Kohat Mines.	Mandi Mines.	Sultanpur Salt Works.	Internal Branch.	TOTAL.	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Receipts.
2,43,819	...	...	...	...	19,17,036	1. Sale-proceeds of salt.
19,05,591	8,19,504	20,508	69,470	72,479	1,23,95,755	2. Excise duty on salt.
...	...	...	722	...	722	3. Proprietary share of Government (hakimi cees) in the produce of the Sultanpur salt works.
...	...	...	...	36,819	36,819	4. Fees for licenses for saline works and for <i>sitta</i> excised, Internal Branch.
10,311	796	...	37	2,815	18,180	5. Miscellaneous including fines and forfeitures.
41,485	...	...	...	...	1,60,834	6. Through-traffic collections.
22,61,206	8,20,300	20,508	70,229	1,12,113	1,45,29,346	Total.
35,04,346	7,29,035	19,474	30,280	1,53,402	80,80,511	Total of 1919-20.
...	...	...	...	...	32,880	FIXED CHARGES.
...	...	...	...	...	16,816	<i>Officers.</i>
...	...	...	...	...	13,114	Commissioner.
23,028	8,800	...	...	18,676	73,127	Deputy Commissioner.
...	...	...	...	...	16,020	Personal Assistant to Commissioner.
93	...	...	...	...	93	Assistant Commissioners and General Manager of Salt Mines.
402	...	...	...	...	402	Executive Engineer.
...	...	...	...	...	61	Mechanical Engineer.
18,660	4,617	...	...	16,516	99,976	Assistant General Manager.
2,867	2,690	...	...	1,796	18,455	Exchange Compensation Allowance.
49,274	18,023	...	7,740	36,937	1,74,098	<i>Office Establishment.</i>
14,804	4,116	3,878	...	26,519	63,689	Clerks.
5,504	1,170	...	815	5,318	16,133	Servants and Guards.
10,317	6,855	288	474	1,716	28,026	<i>Preventive Establishment.</i>
48,469	42,947	1,477	2,844	18,444	1,42,935	Superintendents and Assistant Superintendents
1,934	240	...	...	...	9,661	Inspectors.
5,757	442	...	...	777	13,369	Clerks.
...	...	...	...	...	...	Kotgasits, Jamadars and Havildars.
1,81,109	89,900	5,643	11,873	1,26,699	7,18,855	Servants and Guards.
1,69,833	75,626	4,415	9,623	99,817	5,98,365	Medical Establishment.
7,696	8,086	118	247	28,192	61,262	Temporary Establishment.
875	585	...	...	3,808	5,924	Exchange Compensation Allowance.
12,660	3,776	405	561	1,829	10,395	Total fixed charges.
7,866	2,917	175	317	3,283	21,820	Total of 1919-20.
...	...	...	...	...	...	<i>Contingencies.</i>
3	400	...	...	3,718	4,704	Travelling allowance.
22	819	...	...	716	1,212	Horse allowance.
70	368	88	...	2,093	5,430	Compensation for dearness of food-grains.
641	337	...	30	453	3,075	War allowance.
3,222	1,297	53	70	2,573	16,217	Special War zone allowance.
13	20	...	1	24	376	Conveyance of tents and records.
5,01,765	...	...	...	...	17,27,790	Purchase and repairs of tents.
5	211	...	...	1,066	1,282	House rent.
79,780	...	...	...	...	1,31,168	Hot-weather charges.
974	1,700	...	...	797	6,921	Service postage and telegrams.
14,046	...	...	...	...	16,539	Stationery.
1,41,333	8,427	23	650	760	1,81,205	Excavation and manufacture of salt.
10,021	7,985	146	59	2,615	36,798	Rewards.
7,80,992	36,368	1,008	1,965	51,927	22,41,118	Clearance of through-traffic salt.
7,88,130	37,637	1,000	1,500	51,426	16,56,301	Uniforms.
1,53,031	...	...	...	11,239	53,71,214	Water-supply.
11,15,132	1,26,268	6,651	13,838	1,89,865	83,31,187	Petty construction and repairs.
10,04,247	1,13,263	5,415	11,135	1,75,986	24,22,009	Miscellaneous.
11,46,074	6,94,032	13,857	56,391	-77,752	61,98,159	Total Contingencies.
49 32	15 39	32 43	19 70	169 35	57 34	Total of 1919-20.
...	...	...	...	...	...	Refunds.
...	...	...	...	...	...	Total charges.
...	...	...	...	...	...	Total of 1919-20.
...	...	...	...	...	...	Net receipts.
...	...	...	...	...	...	Percentage of charges.
...	...	...	...	...	...	Treaty payments.
...	...	...	...	...	...	Net receipts after deduction of treaty payments.

Quantities of salt <sup>manufactured</sup>/<sub>excavated</sub>, indented for, and issued at the

(British maunds)

Source.	OUTPUT.			Uncleared balance at beginning of year.	LIABILITIES.			Total quantity of salt to be cleared.
	Opening balance of salt on ground.	Net quantity manufactured or excavated during the year.	Total salt available for issue.		Quantity of salt for which payment was accepted during the year and of free salt claimed by Indian States under treaty.			
					Duty paying.	Free of duty only.	Free of duty and price.	
1	2	3	4	5	6	7	8	9
Sambhar Lake . . . . .	30,12,843	(a)63,64,608	93,77,451	16,58,913	(b)59,32,575	5,000	27,410	76,23,898
Didwana . . . . .	1,24,847	(d)2,71,536	3,96,383	51,338	(e)4,13,490	13,335	...	4,73,183
Pachbadra . . . . .	3,72,055	(g)13,10,862	16,82,917	1,23,885	(h)12,17,098	91,358	11,000	14,43,341
Total Rajputana Sources .	35,09,745	79,47,006	1,14,56,751	18,39,136	75,63,163	1,09,693	38,410	95,50,402
Khewra . . . . .	1,71,738	36,02,330	37,74,068	31,80,928	(j)12,20,871	...	...	44,01,790
Nurpur . . . . .	...	4,525	4,525	602	(l)4,462	...	...	5,064
Warcha . . . . .	90,310	2,72,125	3,62,435	1,19,324	(m)1,89,987	...	...	3,09,311
Kalabagh . . . . .	57,017	1,36,036	1,93,053	56,776	(o)1,57,153	...	...	2,13,929
Total Salt Range Sources .	3,19,065	40,15,016	43,34,081	33,57,630	15,72,473	...	...	49,30,103
Jatta . . . . .	28,000	4,55,013	4,83,013	16,691	4,23,933	...	...	4,40,624
Malgin . . . . .	...	39,174	39,174	2,205	37,564	...	...	39,769
Bahadur Khel . . . . .	6,000	1,42,172	1,48,172	4,197	1,45,502	...	...	1,49,699
Karak . . . . .	...	49,790	49,790	2,201	48,603	...	...	50,804
Total Kohat Sources .	*34,000	6,83,149	7,20,149	25,294	6,55,602	...	...	6,80,896
Sultanpur . . . . .	24,098	(p)42,129	66,227	823	55,576	...	...	56,399
Mandi . . . . .	10,168	1,46,362	1,56,530	...	1,45,619	...	...	1,45,619
Saltpetre salt . . . . .	35,532	(q)80,533	1,16,065	...	57,979	...	...	57,979
GRAND TOTAL	39,32,608	1,29,17,195	1,68,49,803	52,32,883	1,00,50,412	1,09,693	38,410	1,54,21,395
GRAND TOTAL OF 1919-20 .	55,73,376	1,10,81,772	1,66,55,148	1,20,76,738	55,96,330	2,30,000	32,700	1,70,35,768

NOTE:—

\* Estimate.

- (1) Sambhar Lake salt is obtained by evaporation of the lake brine. It is sold at a uniform price of 4 annas a maund. An
- (2) Didwana salt is obtained by evaporation of brine raised from wells. It is sold at a uniform price of 2 annas a
- (3) Pachbadra salt is obtained by evaporation of brine raised from wells. It is sold at a uniform price of 2 annas a
- (4) Salt Range salt is rock salt excavated from mines (and at Kalabagh also from quarries) in the Jhelum, Shubpur and
- An additional charge of 6 pies a maund is made at the Khewra Depôt for clearing salt by departmental
- (5) Kohat salt is rock salt excavated from quarries in the Kohat District of the North-West Frontier Province. The
- (6) Sultanpur salt is obtained by evaporation of brine raised from wells near Sultanpur in the Gurgaon district of the
- (7) Mandi salt is rock salt excavated from quarries in the Mandi State in the Punjab. The realizations on this salt are
- the duty and the whole of the price to the latter. It is sold at a price of 10½ annas a maund. The duty is 3 annas
- (8) Saltpetre salt is salt educed in the process of refinement of saltpetre in the Punjab, United Provinces and Bihar. It is



dix II.

## Northern India sources during the year 1920-21.

of 82½ lbs.)

ISSUES.				BALANCES.		REMARKS.
Duty paying.	Free of duty only.	Free of duty and price.	Total issues.	Balance of salt on ground at close of year.	Balance of salt still to be cleared ("closing uncleared balance.")	
10	11	12	13	14	15	
46,84,886	5,000	20,310	47,10,196	46,67,255	(c) 2,98,327	(a) Includes maunds 1,20,810 excess and excludes maunds 11,294 dryage allowance and maunds 1,80,473 deficit discovered in heaps cleared.
2,26,044	23,560	...	2,49,604	1,46,779	(f) 1,04,171	
3,49,831	1,24,653	11,000	4,84,984	11,97,933	(e) 2,27,732	(b) Excludes maunds 87,770 transferred to Pachbadra and Didwana.
52,60,261	1,53,213	31,310	54,44,784	60,11,967	6,30,230	(c) Excludes maunds 26,15,375 for which revenue was refunded during 1920-21.
33,00,654	...	...	33,00,654	4,73,414	(k) 9,96,565	(d) Includes maunds 41,522 excess and excludes maunds 1,075 dryage allowance and maunds 30,842 deficit discovered in heaps cleared.
4,525	...	...	4,525	...	539	
2,95,573	...	...	2,95,573	66,862	(n) 10,663	(e) Includes maunds 24,610 transferred from Sambhar and maunds 2,238 for the additional quantity on account of difference in the prices of Sambhar and Didwana salt.
1,91,181	...	...	1,91,181	1,872	22,748	
37,91,933	...	...	37,91,933	5,42,148	10,30,515	(f) Excludes maunds 1,24,388 for which revenue was refunded during 1920-21.
4,33,013	...	...	4,33,013	50,000	7,611	(g) Includes 1,61,734 maunds excess.
39,174	...	...	39,174	...	595	
1,42,172	...	...	1,42,172	6,000	7,527	(h) Includes 63,160 maunds transferred from Sambhar and 2,363 maunds for the additional quantity on account of difference in the prices of Sambhar and Pachbadra salt.
49,790	...	...	49,790	...	1,014	(i) Excludes maunds 7,35,625 for which revenue was refunded during 1920-21.
6,64,149	...	...	6,64,149	56,000	16,747	(j) Excludes 1,17,650 maunds transferred to Warcha and Kalabagh.
55,999	...	...	55,999	10,228	400	(k) Excludes 1,04,580 maunds for which revenue was refunded in 1920-21.
1,45,619	...	...	1,45,619	10,911	...	(l) Includes 12 maunds transferred from Warcha.
57,979	...	...	57,979	(r) 51,512	...	(m) Includes maunds 1,16,750 transferred from Khewra and excludes 12 maunds transferred to Nurpur.
99,75,940	1,53,213	31,310	1,01,60,463	66,82,766	16,77,892	(n) Excludes 3,075 maunds for which revenue was refunded in 1920-21.
1,24,28,774	2,35,861	35,760	1,27,00,395	(s) 39,32,608	52,22,883	(o) Includes 900 maunds transferred from Khewra.
						(p) Includes 2,510 maunds excess discovered.
						(q) Includes 9 maunds excess and excludes 731 maunds deficit discovered.
						(r) Excludes 6,574 maunds salt destroyed in refineries.
						(s) Allows 22,145 maunds salt destroyed in refineries.

Additional charge of six pies a maund is made for clearing salt by departmental agency.

6 pies a maund. An additional charge of 9 pies a maund is made on salt cleared by departmental agency.

Muzaffargarh districts of the Punjab. It was sold at a price of 2 annas but from 1st March 1921 the price was raised to 3 annas a maund.

Agency. The average price is about 10½ pies a British maund.

make their own arrangements with the miners of the different quarries for the salt they require. The average price is about 10½ pies a British maund. The property of the refiners and is sold by them at varying rates.

divided between the British Government and the Raja of Mandi in the proportion of two-thirds of the duty on every maund to the former and one-third of the property of the refiners and is sold by them at varying rates.

## Appendix III.

Statement showing the sums due in connection with salt treaties and agreements and the amounts paid during the year 1920-21.

Agency or Province.	State.	Article of treaty or agreement, etc.	Amount payable.			Amount paid.			
			Rs.	A.	P.	Rs.	A.	P.	
Rajputana Agency	Jaipur	XI Old Treaty, Sambhar	2,75,000	0	0	2,75,000	0	0	
		II Agreement	4,00,000	0	0	4,00,000	0	0	
		VII ditto	11,000	0	0	11,000	0	0	
		VIII ditto	2,309	2	7	2,309	2	7	
	Jodhpur	XI Old Treaty, Sambhar	1,25,000	0	0	1,25,000	0	0	
		XI Old Treaty, Nawa Gudha	3,00,000	0	0	3,00,000	0	0	
		VI Agreement	3,91,800	0	0	3,91,800	0	0	
		VII ditto	19,595	5	3	19,595	5	3	
	Jaipur	Jodhpur	X ditto	1,25,000	0	0	1,25,000	0	0
	Royalty payable on sales at Sambhar, Article XII of Old Treaty.		1,62,806	11	10	1,62,806	11	10	
	Udaipur	Jodhpur	Foreign Department No. 1271, dated 14th June 1879.	2,71,344	9	0	2,71,344	9	0
			IV Agreement	12,900	0	0	12,900	0	0
			V ditto	35,000	0	0	35,000	0	0
	Alwar	Jodhpur	VI ditto	1,56,250	0	0	1,56,250	0	0
			VII ditto	1,25,000	0	0	1,25,000	0	0
	Kishangarh	Jodhpur	VII ditto	25,000	0	0	25,000	0	0
	Bikaner		VI ditto	6,000	0	0	6,000	0	0
	Rajputana Agency	Bharatpur	VII ditto	1,50,000	0	0	1,50,000	0	0
			Foreign Department No. 1271, dated 14th June 1879.	500	0	0	500	0	0
		Sirohi	Bharatpur	IV Agreement	1,800	0	0	1,800	0
Financial Department No. 2905, dated 21st August 1884.				9,000	0	0	9,000	0	0
Dholpur		Bharatpur	VII Agreement	60,000	0	0	54,665	13	11
Bundi			IV ditto	8,000	0	0	4,466	10	8
Tonk		Bharatpur	IV ditto	20,000	0	0	20,000	0	0
Kotah			IV and V Agreement	19,175	0	0	19,175	0	0
Karauli		Bharatpur	IV Agreement	5,000	0	0	5,000	0	0
			Foreign Department No. 212-J. P., dated 18th April 1882.	694	15	0	694	15	0
Shahpura	Bharatpur	IV Agreement	5,000	0	0	5,000	0	0	
Jhalawar		IV and V Agreement	2,500	0	0	2,500	0	0	
Istamrardars and Jagirdars of Ajmer.	Bharatpur	Foreign Department No. 1271, dated 14th June 1879.	4,178	0	0	4,178	0	0	
Lawa		V Agreement	700	0	0	700	0	0	
Kabainia	Bharatpur	Foreign Department No. 846, dated 15th May 1884.	105	0	0	105	0	0	
Mir Abdul Aziz and others, Sambhar.		Finance and Commerce Department No. 427-J., dated 14th February 1898.	251	5	6	...			
Total Rajputana Agency			27,30,916	1	2	27,21,691	4	3	
Carried over									

## Appendix III—concl'd.

Statement showing sums due in connection with salt treaties and agreements and amount paid during the year 1920-21.

Agency or Province.	State.	Article of treaty or agreement, etc.	Amount payable.			Amount paid.		
			Rs.	A.	P.	Rs.	A.	P.
		Brought forward	27,80,910	1	2	27,21,991	4	3
	Gwalior . . . .	VII Agreement . . . .	3,12,500	0	0	1,56,250	0	0
	Datia . . . .	VII ditto . . . .	10,000	0	0	5,000	0	0
	Bhopal . . . .	II ditto . . . .	10,000	0	0	10,000	0	0
	Jaora . . . .	II ditto . . . .	2,500	0	0	2,500	0	0
	Sitamau . . . .	II ditto . . . .	2,000	0	0	2,000	0	0
	Rutlam . . . .	II ditto . . . .	1,000	0	0	2,000	0	0
CENTRAL INDIA AGENCY	Indore . . . .	Supplementary Article to clause 2 of Agreement.	61,875	0	0	...		
	Dewas (Senior) . . . .	Ditto . . . .	412	8	0	412	8	0
	Dewas (Junior) . . . .	Ditto . . . .	412	8	0	412	8	0
	Sailana . . . .	Ditto . . . .	412	8	0	412	8	0
	Narsinghgarh . . . .	Ditto . . . .	618	12	0	618	12	0
	Rajgarh . . . .	Ditto . . . .	618	12	0	618	12	0
	Sampthar . . . .	Foreign Department No. 501, dated 4th January 1884.	1,450	0	0	1,450	0	0
		Total Central India Agency	4,03,800	0	0	1,81,675	0	0
PUNJAB PROVINCE	Bahawalpur . . . .	VI Agreement . . . .	80,000	0	0	40,000	0	0
NORTH-WEST FRONTIER PROVINCE	Kohat Chiefs and Villagers	Finance and Commerce Department No. 2546-S. R., dated 12th June 1896.	50,000	0	0	53,220	3	7
		Total Punjab and North-West Frontier Province.	1,30,000	0	0	93,220	3	7
		GRAND TOTAL	32,64,710	1	2	29,96,886	7	10

## Appendix IV.

Statement showing what the sale price of salt should be at Rajputana Salt Sources under the orders contained in Resolution No. 326 of the Department of Finance and Commerce, dated 17th January 1882, calculated for a period of 39 years from 1st April 1882 to 31st March 1921.

Salt source.	Balance of salt in stock at commencement of the period and the quantity of salt produced since, less ascertained wastage and issues free of cost to darbars.	EXPENDITURE INCURRED.							RECEIPTS.				
		Cost of manufacture and storage.	Cost of supervision.	Share of cost of hospital establishments, medicines, etc.	Interest on capital expenditure and outlay on account of upkeep of works at 4 per cent. up to 31st March 1900 and 3½ per cent. afterwards.	Rent of sources including royalty on sales.	Leave and pensionary charges.	Total expenditure.	Average expenditure per maund on salt produced.	Quantity of salt sold during the period.	Realized on account of price.	Average price per maund on salt sold.	Difference between receipts and expenditure.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Mds.	Rs.	Rs.	Rs.	Rs.	Rs. (a)	Rs.	Rs.	Rs. A. P.	Mds. (b)	Rs.	Rs. A. P.	Rs.
Sambhar . . . . .	17,58,67,321	56,76,992	13,28,693	31,983	17,67,894	1,97,03,171	2,39,919	2,87,48,652	0 2 7-39	17,14,98,392	4,28,17,978	0 3 11-94	+1,40,69,326
Didwana . . . . .	1,35,43,892	3,83,700	81,496	6,366	4,061	7,43,921	21,217	12,40,761	0 1 5-59	1,35,01,284	12,99,831	0 1 6-48	+59,070
Pachbadra . . . . .	2,81,75,396	19,91,430	1,39,093	10,233	30,670	15,06,510	43,231	37,21,167	0 2 1-35	2,73,41,354	26,47,204	0 1 6-59	-10,73,963
Closed sources . . . . .	4,03,645	22,497	...	...	...	22,241	...	44,738	0 1 9-28	4,03,645	53,391	0 2 1-39	+8,653
<b>TOTAL</b>	21,79,90,254	80,74,619	15,49,282	48,582	18,02,625	2,19,75,843	3,04,367	3,37,55,318	0 2 5-73	21,27,44,675	4,68,18,404	0 3 6-25	+1,30,63,086

(a) Includes Rs. 1,02,53,601-7-11 on account of actual royalty payments made during the period.

(b) Excludes 7,27,835 maunds on account of rawannas transferred to Didwana and Pachbadra.

(c) Includes 4,24,570 maunds transferred from Sambhar and 38,591 maunds an additional quantity on account of difference in the prices of Sambhar and Didwana salt.

(d) " 3,03,265 " " and 5,573 maunds an additional quantity on account of difference in the prices of Sambhar and Pachbadra salt.

NOTE.—The figures in column 7 indicate—

opposite Sambhar—the actual royalty payments plus the ratable share, calculated on the sales, of the fixed sum of Rs. 3,00,000 a year chargeable against the selling price of salt at the whole of the Rajputana sources under the orders of Government of India conveyed in letter No. 5441, dated 22nd November 1890.

opposite the remaining sources—the ratable share, calculated on the sales, of the fixed sum of Rs. 3,00,000 above referred to.

	Rs.
Total through-traffic receipts during the period	16,48,423
Expenditure . . . . .	15,81,660
<b>Balance</b>	<b>+66,763</b>

Appendix IV-A.

The following statement exhibits the yearly account for 1920-21.

Salt source.	Quantity of salt produced during the year less ascertained wastage and issues free of cost to Darbars.	EXPENDITURE INCURRED.							Average expenditure per maund on salt produced.	RECEIPTS.			Difference between receipts and expenditure.
		Cost of manufacture and storage.	Cost of supervision.	Share of cost of hospital establishment, medicines, etc.	Interest on capital expenditure and outlay on account of upkeep of works at 3½ per cent.	Rent of sources including royalty on sales.	Leave and pensionary charges.	Total expenditure.		Quantity of salt sold.	Realized on account of price.	Average price per maund on salt sold.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Mds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.	Mds.	Rs.	Rs. A. P.	Rs.
Sambhar . . . . .	63,37,198	3,53,289	56,880	1,650	89,012	(a)6,71,594	12,554	11,84,979	0 2 11-90	33,22,200	8,30,550	0 4 0	-3,54,429
Didwana . . . . .	2,71,536	13,889	2,048	30	168	21,616	450	38,201	0 2 3-01	3,02,437	37,939	0 2 0-09	-262
Pachbadra . . . . .	12,99,862	1,34,559	8,911	328	1,856	40,941	1,866	1,88,461	0 2 3-83	5,72,830	53,703	0 1 6-0	-1,34,758
TOTAL . . . . .	79,08,596	5,01,737	67,839	2,008	91,036	7,34,151	14,870	14,11,641	0 2 10-27	(b)41,97,467	9,22,192	0 3 6-21	-4,89,449

(a) Includes Rs. 4,34,151 on account of actual royalty payments made during the year.  
 (b) Excludes 34,75,388 maunds on which the revenue realized was refunded during the year.

Total through-traffic receipts	Rs. 53,250
Expenditure	59,556
Balance	-6,306

## Appendix V.

Statement showing what the sale price of salt should be at the salt sources of the Salt Range Division under the orders contained in Resolution No. 326, of the Department of Finance and Commerce, dated 17th January 1882, calculated for a period of 27 years from 1st April 1894 to 31st March 1921.

Salt source.	COST OF SALT.						SALES.	PRICE.			PROFIT OR LOSS.	
	EXCAVATION AND STORAGE.						Quantity.	Total amount realized.	Average rate per maund.	Total amount of profit or loss	Profit or loss per maund.	
	Quantity.	Interest on capital expenditure.	Other charges.	Leave and pensionary charges.	Total.	Average rate per maund.						
1	2	3	4	5	6	7	8	9	10	11	12	
	Mds.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.	Mds.	Rs.	Rs. A. P.	Rs.	Rs. A. P.	
Khewra . . . . .	(a)7,40,71,099	6,54,623	49,18,177	73,625	56,46,425	0 1 2-64	(a)7,40,71,099	(e)54,33,951	0 1 2-09	-2,12,474	-0 0 0-55	
Nurpur . . . . .	(b)1,21,511	263	5,586	...	5,849	0 0 9-24	(b)1,21,511	(f)7,865	0 1 0-43	+2,016	+0 0 3-19	
Warcha . . . . .	(c)43,53,676	16,360	2,53,902	8,144	2,78,406	0 1 0-28	(c)43,53,676	(g)3,08,283	0 1 1-60	+29,877	+0 0 1-32	
Kalabagh . . . . .	(d)60,08,836	4,032	3,58,467	5,607	3,68,103	0 0 11-76	(d)60,08,836	(h)3,97,435	0 1 0-70	+29,329	+0 0 0-94	
TOTAL	8,45,55,122	6,75,278	55,36,132	87,376	62,98,786	0 1 2-30	8,45,55,122	61,47,534	0 1 1-96	-1,51,252	-0 0 0-34	

(a) Excludes maunds 1,17,650 on account of rawannas transferred to Warcha and Kalabagh.

(b) Includes " 12 " " " from Warcha.

(c) " " 1,16,750 " " " from Khewra and excludes maunds 12 transferred to Nurpur.

(d) " " 900 " " " Khewra.

(e) Excludes Rs. 14,706 on account of price of 1,17,650 maunds transferred to Warcha and Kalabagh.

(f) Includes Rs. 2 " " 12 " " from Warcha.

(g) " Rs. 14,593 " " 1,16,750 " " " Khewra and excludes Rs. 2 on account of price of 12 maunds transferred to Nurpur.

(h) " Rs. 112 " " 900 " " " Khewra.

Total through-traffic receipts . Rs. 17,13,665

Expenditure . " 13,61,114

Balance . " 3,52,551

**Appendix VA.**

The following statement exhibits the yearly account for 1920-21.

Salt sources.	COST OF SALT.						SALES.	PRICE.			PROFIT OR LOSS.	
	EXCAVATION AND STORAGE.							Quantity.	Total amount realized.	Average rate per maund.	Total amount of profit or loss.	Profit or loss per maund.
	Quantity.	Interest on capital expenditure.	Other charges.	Leave and pensionary charges.	Total.	Average rate per maund.	Quantity.					
1	2	3	4	5	6	7	8	9	10	11	12	
	Mds.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.	Mds.	Rs.	Rs. A. P.	Rs.	Rs. A. P.	
Khewra . . . . .	11,16,291	50,840	1,69,958	7,824	2,28,622	0 3 3-32	(a) 11,16,291	1,79,970	0 2 6-95	-48,652	-0 0 8-37	
Nurpur . . . . .	4,462	17	376	...	393	0 1 4-91	4,462	592	0 2 1-47	+199	+0 0 8-56	
Warcha . . . . .	1,86,912	4,171	20,405	431	25,007	0 2 1-69	(a) 1,86,912	27,540	0 2 4-29	+2,533	+0 0 2-60	
Kalabagh . . . . .	1,57,153	623	20,315	447	21,385	0 2 2-13	1,57,153	22,469	0 2 3-45	+1,084	+0 0 1-32	
<b>TOTAL</b>	<b>14,64,818</b>	<b>55,651</b>	<b>2,11,054</b>	<b>8,702</b>	<b>2,75,407</b>	<b>0 3 0-10</b>	<b>14,64,818</b>	<b>2,30,571</b>	<b>0 2 6-22</b>	<b>-44,836</b>	<b>-0 0 5-88</b>	

(a) Excludes 1,04,580 and 3,075 maunds from the sales of Khewra and Warcha, respectively, on which the revenue realized was refunded during the year.  
 (b) Excludes Rs. 1,638 on account of through-traffic charges on 1,17,650 maunds for which rawannas were transferred from Khewra to Warcha and Kalabagh.

Total through-traffic receipts (b)	Rs. 36,383
Expenditure	" 86,292
Balance	" -49,909

## Appendix VI.

Statement showing the quantities of salt issued to Indian States under treaty obligations during the year 1920-21.

SALT FREE OF DUTY.						SALT FREE OF BOTH PRICE AND DUTY.						SALT ON WHICH A REFUND OF HALF THE DUTY IS PAYABLE.					
Source of supply.	States.	Quantity to which the State is annually entitled.	Quantity bought in previous years but not removed by the end of 19 9-20.	Quantity sold during 1920-21.	Quantity issued during 1920-21.	Source of supply.	State.	Quantities to which the State is annually entitled.	Balance due at the end of the past year.	Quantities issued.	Balance due.	Source of supply.	State.	Maximum quantity of half-duty salt allowed annually.	Quantity delivered during the year.	Amount of half duty payable.	
		Mds.	Mds.	Mds.	Mds.			Mds.	Mds.	Mds.	Mds.			Mds.	Mds.	Rs.	
Didwana	Jodhpur	40,000	11,125	13,335	23,560	Sambhar	Alwar	1,000	2,000	...	3,000	Sambhar	Bikaner	...	...	44,366	
Pachbadra		1,85,000	71,641½	91,358	1,24,653		Bharatpur	1,000	1,000	1,000	1,000			1,000	Didwana		76,000
							Dholpur	300	...	300	...			Pachbadra	...		31,297½
							Jaipur	7,000	7,000	7,000	7,000	.....	...	...	...		
	Total	(a) 2,25,000	82,766½	1,04,693	1,48,213		Karauli	50	50	100	...	.....	...	...	...		
							Kishangarh	50	...	50	...	.....	...	...	...		
Sambhar	Rampur	5,000	5,000	5,000	5,000		Kotah	300	300	300	300	.....	...	...	...		
							Lawa	10	...	10	...	.....	...	...	...		
							Jodhpur	14,000	4,100	11,550	6,550	.....	...	...	...		
							Total	23,710	14,450	20,310	17,850	.....	...	...	...		
						Pachbadra	Jodhpur	10,000	10,000	10,000	10,000	.....	...	...	...		
					Udaipur		1,000	2,000	1,000	2,000	.....	...	...	...			
					Total		11,000	12,000	11,000	12,000	.....	...	...	...			
GRAND TOTAL	...	2,30,000	87,766½	1,09,693	1,53,213	GRAND TOTAL	34,710	26,450	31,310	29,850	TOTAL	...	76,000	70,985½	(b) 44,366		
GRAND TOTAL OF 1919-20.	...	2,30,000	93,627½	2,30,000	2,35,861	GRAND TOTAL OF 1919-20.	34,710	27,500	35,760	26,450	TOTAL of 1919-20	...	76,000	60,774	37,985		

(a) Claimable in 2 equal instalments from the 1st April and the 1st October, respectively, each to be removed within one year from the date of its falling due.  
 (b) Half the duty payable on 70,985½ maunds.



## Appendix VII.

Statistics of through traffic and ordinary rail-borne trade and proportion borne by through traffic to the total volume of rail-borne trade at Khewra, Sambhar Lake and Pachbadra during 1920-21.

Source.		Through traffic.	Ordinary rail-borne trade.	Total rail-borne trade.	Percentage of through traffic.	Percentage in previous year.
		Mds.	Mds.	Mds.		
Khewra	Sales	13,27,524	1,78,053	15,05,577	88.17	97.47
	Dispatches	32,89,548	4,20,567	37,10,115	88.66	88.00
Sambhar Lake	Sales	21,69,931	35,81,042	57,50,973	37.73	96.02
	Dispatches	19,69,783	25,01,190	44,70,973	44.06	61.80
Pachbadra	Sales	11,56,120	...	11,56,120	100.00	100.00
	Dispatches	2,95,257	252	2,95,509	99.91	94.46
Total	Sales	46,53,575	37,59,095	84,12,670	55.32	96.96
	Dispatches	55,54,588	29,22,009	84,76,597	65.53	73.94

NOTE.—'Sales' represent the total quantity of salt for which payment was credited into treasuries, etc., for dispatch by rail.

## Appendix VIII.

Statement showing the number of traders in each of the provinces supplied by the Department who dealt with the salt depôts in 1920-21 and the number of marts they represented.

Provinces.	SAMBHAR LAKE.		PACHBADRA.		SALT RANGE DIVISION.		TOTAL.	
	Number of traders.	Number of marts.	Number of traders.	Number of marts.	Number of traders.	Number of marts.	Number of traders.	Number of marts.
United Provinces	250	29	63	86	14	13	327	128
Punjab	7	1	1	1	58	74	66	76
North-West Frontier Province	...	...	...	...	4	3	4	3
Sind	...	...	...	...	...	...	...	...
Baluchistan	...	...	...	...	9	1	9	1
Rajputana	93	5	112	69	...	...	205	74
Central India	10	6	52	24	1	1	63	31
Central Provinces	1	1	50	10	1	1	52	12
Bihar	21	5	1	5	64	237	86	247
Bengal	...	...	...	...	...	...	...	...
Delhi	1	1	...	...	2	1	3	2
Bombay	...	...	...	...	...	...	...	...
Total	383	48	279	195	153	331	815	574
Total of 1919-20	518	89	23	166	951	692	1,492	947

NOTE.—The above figures include local authorities, Darbars and their agents.

## Territorial distribution of the salt issued by the Northern India Salt Department according to

(Thousands)

Source.	North-West Frontier Province.	Kashmir.	Afghanistan, etc.	Punjab, including Feudatory States and Delhi.	United Provinces.	Bihar and Orissa.	Central Provinces and Berar.
1	2	3	4	5	6	7	8
<b>Sambhar.</b>							
Average 1911-12 to 1913-14 . . . . .	...	...	...	2,28	32,62	41	98
" 1914-15 to 1916-17 . . . . .	...	...	...	2,54	36,29	5,06	1,40
" 1917-18 to 1919-20 . . . . .	...	...	...	2,34	33,39	8,94	93
1920-21 . . . . .	...	...	...	1,53	31,37	2,53	1,23
<b>Didwana.</b>							
Average 1911-12 to 1913-14 . . . . .	...	...	...	2,44	(a) 4	...	...
" 1914-15 to 1916-17 . . . . .	...	...	...	3,07	1	...	...
" 1917-18 to 1919-20 . . . . .	...	...	...	2,21	24	...	...
1920-21 . . . . .	...	...	...	1,15	48	...	...
<b>Pachbadra.</b>							
Average 1911-12 to 1913-14 . . . . .	...	...	...	...	1,59	...	1,77
" 1914-15 to 1916-17 . . . . .	...	...	...	...	2,60	26	2,04
" 1917-18 to 1919-20 . . . . .	...	...	...	2	1,11	26	70
1920-21 . . . . .	...	...	...	...	94	1	83
<b>Salt Range—Khewra.</b>							
Average 1911-12 to 1913-14 . . . . .	24	1,00	...	20,97	6,28	1,73	...
" 1914-15 to 1916-17 . . . . .	1,41	1,10	...	19,27	7,54	6,08	2
" 1917-18 to 1919-20 . . . . .	1,54	94	...	18,86	5,54	10,53	2
1920-21 . . . . .	1,89	98	...	15,98	3,08	10,76	1
<b>Salt Range—Other Circles.</b>							
Average 1911-12 to 1913-14 . . . . .	39	...	...	3,59	...	...	...
" 1914-15 to 1916-17 . . . . .	45	...	...	4,79	...	...	...
" 1917-18 to 1919-20 . . . . .	15	1	...	5,25	3	3	...
1920-21 . . . . .	14	3	...	4,65	3	3	...
<b>Kohat.</b>							
Average 1911-12 to 1913-14 . . . . .	5,12	...	17	...	...	...	...
" 1914-15 to 1916-17 . . . . .	5,90	...	8	1	...	...	...
" 1917-18 to 1919-20 . . . . .	5,74	...	16	10	...	...	...
1920-21 . . . . .	6,43	...	13	8	...	...	...
<b>Sultanpur.</b>							
Average 1911-12 to 1913-14 . . . . .	...	...	...	3	25	...	...
" 1914-15 to 1916-17 . . . . .	...	...	...	4	25	2	...
" 1917-18 to 1919-20 . . . . .	...	...	...	17	16	2	...
1920-21 . . . . .	...	...	...	19	37	...	...
<b>Mandi.</b>							
Average 1911-12 to 1913-14 . . . . .	...	...	...	99	...	...	...
" 1914-15 to 1916-17 . . . . .	...	...	...	1,04	...	...	...
" 1917-18 to 1919-20 . . . . .	...	...	...	1,32	...	...	...
1920-21 . . . . .	...	...	...	1,46	...	...	...
<b>Saltpetre salt.</b>							
Average 1911-12 to 1913-14 . . . . .	...	...	...	...	54	18	...
" 1914-15 to 1916-17 . . . . .	...	...	...	...	69	23	...
" 1917-18 to 1919-20 . . . . .	...	...	...	...	64	31	...
1920-21 . . . . .	...	...	...	2	32	23	1
<b>Total.</b>							
Average 1911-12 to 1913-14 . . . . .	5,75	1,00	17	30,25	41,32	2,32	2,75
" 1914-15 to 1916-17 . . . . .	7,76	1,10	8	30,76	47,38	11,65	3,46
" 1917-18 to 1919-20 . . . . .	7,43	95	16	30,27	46,11	20,09	1,65
1920-21 . . . . .	8,46	1,01	13	25,06	36,59	13,56	2,13

IX.  
declared destination at time of dispatch from source.

(of maunds.)

Rajputana.	Central India.	Total Northern India and Frontier.	Bengal.	Bombay.	Sind and British Baluchistan.	Elsewhere outside Northern India.	Grand Total.	REMARKS.
9	10	11	12	13	14	15	16	17
7,82	5,23	49,29	...	...	...	...	49,29	
8,29	5,27	58,85	10	...	...	...	58,95	
8,61	4,29	62,90	51	4	...	...	63,45	
6,93	3,45	47,09	1	...	...	...	47,10	
1,10	...	3,58	...	...	...	...	3,58	(a) 1909-10 . 86,400
1,22	...	4,30	1	...	...	...	4,31	1910-11 . 38,358
72	...	3,17	...	...	...	...	3,17	1911-12 . 9,840
86	...	2,49	...	...	...	...	2,49	1912-13 . 960
								1913-14 . Nil.
2,56	3,02	8,94	...	...	2	...	8,96	
2,87	2,10	9,87	...	...	2	...	9,89	
2,97	1,83	6,89	1	1	...	...	6,91	
2,30	77	4,85	...	...	...	...	4,85	
...	...	30,22	4	4	(b) 27	...	30,57	(b) Separate figures for British
...	1	35,43	44	12	37	...	36,36	Baluchistan are 6-6-7-
...	1	37,44	39	7	42	1	38,33	4-4.
...	1	32,71	2	2	26	...	33,01	
...	...	3,98	...	...	34	...	4,32	
...	...	5,24	...	...	3	...	5,27	
...	...	5,47	...	...	5	...	5,52	
...	...	4,88	...	...	3	...	4,91	
...	...	5,29	...	...	...	...	5,29	
...	...	5,99	...	...	...	...	5,99	
...	...	6,00	...	...	...	...	6,00	
...	...	6,64	...	...	...	...	6,64	
...	...	28	...	...	...	...	28	
...	...	31	...	...	...	...	31	
...	...	35	...	...	...	...	35	
...	...	56	...	...	...	...	56	
...	...	99	...	...	...	...	99	
...	...	1,04	...	...	...	...	1,04	
...	...	1,32	...	...	...	...	1,32	
...	...	1,46	...	...	...	...	1,46	
...	...	72	...	...	...	...	72	
...	...	92	4	...	...	...	96	
...	...	95	10	...	...	...	1,05	
...	...	58	...	...	...	...	58	
11,48	8,25	1,03,29	4	4	63	...	1,04,00	
12,38	7,38	1,21,95	59	12	42	...	1,23,08	
11,70	6,13	1,21,49	1,01	12	47	1	1,26,10	
10,09	4,23	1,01,26	3	2	29	...	1,01,60	

## Details of issues, imports and exports of salt in the territories

(Figures in thousands of

Provinces.	Issues from local sources.	IMPORTS AND EXPORTS WITHIN BRITISH PROVINCES OF NORTHERN INDIA AND RAJPUTANA AND CENTRAL INDIA.						Total Columns 3 to 8.
		North-West Frontier Province.	Punjab, including Feudatory States and Delhi.	United Provinces.	Bihar and Orissa.	Rajputana and Central India.	Central Provinces and Berar.	
1	2	3	4	5	6	7	8	9
<b>North-West Frontier.</b>								
Issues and imports	1911-12 to 1913-14	5,29	...	63	...	...	...	63
	1914-15 to 1916-17	5,99	...	1,86	...	...	...	1,86
	1917-18 to 1919-20	6,00	...	12	...	...	...	12
	1920-21	6,64	...	25	...	...	...	25
Exports	1911-12 to 1913-14	...	...	...	...	...	...	...
	1914-15 to 1916-17	...	...	...	...	...	...	...
	1917-18 to 1919-20	...	...	1,31	...	...	...	1,31
	1920-21	...	...	48	...	...	...	48
<b>Punjab.</b>								
Issues and imports	1911-12 to 1913-14	36,17	...	...	1	...	3,61	3,62
	1914-15 to 1916-17	42,98	...	...	14	1	4,38	4,53
	1917-18 to 1919-20	45,51	1,30	...	33	...	3,36	5,51
	1920-21	39,94	48	...	6	1	2,05	2,01
Exports	1911-12 to 1913-14	...	63	...	6,45	1,60	3	8,72
	1914-15 to 1916-17	...	1,86	...	8,08	6,36	3	16,34
	1917-18 to 1919-20	...	12	...	5,47	11,43	6	17,10
	1920-21	...	25	...	2,54	12,10	3	14,95
<b>United Provinces.</b>								
Issues and imports	1911-12 to 1913-14	(f) 53	...	6,45	...	10	34,81	41,37
	1914-15 to 1916-17	73	...	8,08	...	11	41,22	49,43
	1917-18 to 1919-20	77	...	5,47	...	42	42,41	48,35
	1920-21	35	...	2,54	...	32	34,08	36,96
Exports	1911-12 to 1913-14	...	...	1	...	14	9	29
	1914-15 to 1916-17	...	...	14	...	1,47	28	1,95
	1917-18 to 1919-20	...	...	33	...	1,66	59	2,68
	1920-21	...	...	6	...	38	35	62

dir X.

grouped of Northern India compiled in the Department of Statistics.

(maunds to nearest thousand.)

Frontier trade.	IMPORTS FROM AND EXPORTS TO OTHER PARTS OF INDIA.					Grand Total.	Balance of issues and imports over exports considered as consumption.	Average consumption on per head of population.*	REMARKS.
	Bengal and Assam.	Bombay.	Sind and British Baluchistan.	Madras and Mysore.	Total Columns 11 to 14.				
10	11	12	13	14	15	16	17	18	19
								lbs.	
...	...	...	...	...	...	5,92	2,28	4.91	
...	...	...	...	...	...	7,85	5,04	10.85	
...	...	...	...	...	...	6,12	2,97	6.39	
...	...	...	...	...	...	6,89	4,99	18.27	
(a) 3,64	...	...	...	...	...	3,64	...	...	(a) Afghanistan and tribal territory.
2,81	...	...	...	...	...	2,81	...	...	
1,85	...	...	...	...	...	3,16	...	...	
1,42	...	...	...	...	...	1,90	...	...	
(b) 8	...	...	1	...	1	39,88	27,17	9.24	(b) Tibet (chiefly) and occasionally a little from Kashmir.
10	3	...	4	...	7	47,68	26,85	9.13	
13	...	2	77	...	79	51,94	30,03	10.21	
4	1	...	18	...	19	42,78	22,99	9.15	
(c) 3,56	4	4	(d) 35	...	43	12,71	...	...	(c) Kashmir by rail and road.
3,80	13	13	43	...	69	(e) 20,83	...	...	(d) Sind. Unreliable figures of some 6,000 maunds annually to British Baluchistan omitted.
3,83	24	5	68	1	98	21,91	...	...	(e) 1,000 maunds went to Nizam's territory in 1915-16.
4,17	10	5	52	...	67	19,79	...	...	
(g) 33	5,54	(h) 9,95	...	...	15,49	57,72	56,20	9.63	(f) Saltpetre salt excised.
32	2,21	12,09	1	...	14,31	64,79	61,70	10.57	(g) Tibet.
28	19	11,77	1,22	...	13,18	62,58	58,47	10.02	(h) Baragra salt.
31	2,44	12,80	4	...	15,08	52,70	50,41	9.10	
(i) 1,22	1	...	...	...	1	1,52	...	...	(i) Nepal.
1,07	5	1	...	...	6	(j) 3,09	...	...	(j) 1,000 maunds went to Nizam's territory in each of the years 1915-16 and 1916-17.
1,17	21	3	...	1	25	(k) 4,10	...	...	
1,42	1	3	1	...	5	2,29	...	...	(k) Includes 2,000 maunds to Nizam's territory.

## Details of issues, imports and exports of salt in the territories

(Figures in thousands of

Provinces.	Issues from local sources.	IMPORTS AND EXPORTS WITHIN BRITISH PROVINCES OF NORTHERN INDIA AND RAJPUTANA AND CENTRAL INDIA.						Total Columns 3 to 8.	
		North-West Frontier Province.	Punjab including Feudatory States and Delhi.	United Provinces.	Bihar and Orissa.	Rajputana and Central India.	Central Provinces and Berar.		
1	2	3	4	5	6	7	8	9	
<b>Bihar and Orissa.</b>									
Issues and imports	1911-12 to 1913-14 .	(l) 18	...	1,60	14	...	36	1	2,11
	1914-15 to 1916-17 .	22	...	6,36	1,47	...	4,49	2	12,34
	1917-18 to 1919-20 .	28	...	11,43	1,66	...	9,24	8	22,41
	1920-21 .	23	...	12,10	38	...	2,40	2	14,90
Exports	1911-12 to 1913-14 .	...	...	...	10	...	...	1,11	1,21
	1914-15 to 1916-17 .	...	...	1	11	...	...	75	87
	1917-18 to 1919-20 .	...	...	1	42	...	...	51	94
	1920-21 .	...	...	1	32	...	...	2	35
<b>Rajputana and Central India.</b>									
Issues and imports	1911-12 to 1913-14 .	(g) 62,02	...	3	9	...	...	30	42
	1914-15 to 1916-17 .	73,23	...	3	28	...	...	35	66
	1917-18 to 1919-20 .	73,61	...	6	59	1	...	56	1,22
	1920-21 .	54,49	...	3	35	...	...	34	72
Exports	1911-12 to 1913-14 .	...	...	3,61	34,81	36	...	2,24	41,02
	1914-15 to 1916-17 .	...	...	4,98	41,22	4,49	...	2,23	52,32
	1917-18 to 1919-20 .	...	...	3,86	42,40	9,24	...	2,25	57,75
	1920-21 .	...	...	2,05	34,08	2,40	...	1,88	40,41
<b>Central Provinces and Berar.</b>									
Issues and imports	1911-12 to 1913-14 .	...	...	1	5	1,11	2,24	...	3,41
	1914-15 to 1916-17 .	...	...	1	6	75	2,23	...	3,05
	1917-18 to 1919-20 .	...	...	2	10	51	2,25	...	2,88
	1920-21 .	...	...	3	3	2	1,88	...	1,96
Exports	1911-12 to 1913-14 .	...	...	...	1	1	30	...	32
	1914-15 to 1916-17 .	...	...	...	2	2	35	...	39
	1917-18 to 1919-20 .	...	...	2	5	7	56	...	70
	1920-21 .	...	...	1	2	2	34	...	39

In the case of Bihar and Orissa and Bengal the first average is of two years only, 1912-13 and 1913-14. Figures of

dix X—concl'd.

grouped as Northern India compiled in the Department of Statistics.

(maunds to nearest thousand.)

Frontier trade.	IMPORTS FROM AND EXPORTS TO OTHER PARTS OF INDIA.					Grand Total.	Balance of issues and imports over exports considered as consumption.	Average consumption per head of population.*	REMARKS.
	Bengal and Assam.	Bombay.	Sind and British Baluchistan	Madras and Mysore.	Total Columns 11 to 14.				
10	11	12	13	14	15	16	17	18	19
...	46,52	18	...	9,94	56,64	(m)58,96	53,89	11.54	(l) Saltpetre salt excised.
...	38,00	68	...	9,83	48,51	(n)61,08	57,22	12.25	(m) Includes 3,000 maunds imported coastwise.
...	21,48	79	2	10,74	33,03	55,72	51,27	10.98	(n) 1,000 maunds imported coastwise in 1915-16.
...	30,73	1,06	...	10,60	42,39	57,52	54,20	13.12	
(o) 3,72	12	...	...	2	14	5,07	...	...	(o) Nepal.
2,73	25	...	...	1	26	(p)3,86	...	...	(p) 2,000 maunds imported coastwise in 1916-17.
2,69	81	1	...	...	82	4,45	...	...	
2,71	26	...	...	...	26	3,32	...	...	
...	...	(r) 5,02	...	...	5,02	67,46	26,42	10.93	(y) Includes a few thousands maunds annually manufactured in Indian states.
...	...	3,98	1	...	3,99	77,88	25,43	10.52	
...	...	4,82	50	...	5,32	80,15	22,09	9.14	(r) About a quarter lakh annually sea salt; all the rest Baragra.
...	...	3,61	5	...	3,66	53,87	18,42	9.56	
...	...	2	...	...	2	41,04	...	...	
...	12	1	...	...	13	52,45	...	...	
...	26	5	...	...	31	58,06	...	...	
...	3	1	...	...	4	40,45	...	...	
...	10	(s) 21,53	...	77	22,40	25,81	25,49	13.08	(s) About 6 lakhs annually Baragra salt; all the rest sea-salt.
...	11	21,48	...	65	22,24	25,29	24,89	12.78	
...	7	21,77	...	1,02	22,86	25,74	25,03	12.84	
...	7	18,27	1	1,17	19,52	21,48	21,08	12.47	
...	...	...	...	...	...	32	...	...	
...	...	1	...	...	1	40	...	...	
...	...	1	...	...	1	71	...	...	
...	...	1	...	...	1	40	...	...	

road trade are not available except in the case of trans-frontier trade.

\* Population according to the census of 1921.

## Appendix X A.

### Total issues, imports and exports in Northern India.

(Thousands of maunds.)

Northern India.	Issues from local sources.	IMPORTS.						Total issues and imports.	EXPORTS.						Consumption in Northern India, i.e., balance of issues and imports over exports.	Consumption including salt exported across the Frontier.
		Frontier.	Bengal and Assam.	Bombay.	Sind and British Baluchistan.	Madras and Mysore.	Total imports.		Frontier.	Bengal and Assam.	Madras and Mysore.	Bombay.	Sind and British Baluchistan.	Total exports.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Average of 3 years 1911-12 to 1913-14 . . . . .	1,04,19	41	52,16	36,68	1	10,71	99,97	2,04,19	12,14	17	2	6	35	12,74	1,91,45	2,03,59
Average of 3 years 1914-15 to 1916-17 . . . . .	1,23,15	42	40,35	38,23	6	10,48	89,54	2,12,70	10,41	56	1	16	43	11,58	2,01,12	2,11,53
Average of 3 years 1917-18 to 1919-20 . . . . .	1,26,17	41	21,74	39,17	2,51	11,76	75,59	2,01,76	9,54	1,52	2	15*	68	11,91	1,89,85	1,99,39
1920-21 . . . . .	1,01,65	35	33,25	35,54	28	11,77	81,19	1,82,84	9,72	40	...	10	53	10,75	1,72,09	1,81,81

NOTE.—The totals are those of Appendix X and include small quantities of salt issued from works in native states, as well as small coastwise imports and exports, and exports to Nizam's Territory as there shown.



## Appendix XI.

Comparative statement showing the annual average prices of salt in the principal marts of Northern and Central India for the year 1920-21 with triennial average from 1911-12.

Mart and Province.	RETAIL PRICES PER BRITISH MAUND RECORDED BY THE STATISTICAL BUREAU. (a)			WHOLESALE PRICES PER BRITISH MAUND AS ASCERTAINED BY OFFICERS OF THE DEPARTMENT.							
	Average 1911-12 to 1913-14.	Average 1914-15 to 1916-17.	Average 1917-18 to 1919-20.	1920-21.			Description of salt.	Average 1911-12 to 1913-14.	Average 1914-15 to 1916-17.	1917-18 to 1919-20.	1920-21.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	A.	P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
<b>North-West Frontier Province.</b>											
Peshawar . . .	1 9 3	1 11 10	2 4 2	2	4	10	{ Salt Range . . .	1 8 1	1 12 10	2 5 2	...
							{ Kohat rock . . .	...	...	2 6 11	2 3 9
Dera Ismail Khan . . .	1 7 7	1 11 1	3 5 10	3	3	5	{ Salt Range . . .	...	...	3 13 2	...
							{ Kohat . . .	...	...	2 9 6	...
<b>Punjab.</b>											
Lahore . . .	1 9 11	1 14 10	3 7 2	3	7	4	Salt Range . . .	1 6 5	1 14 0	3 5 4	3 6 7
Rawalpindi . . .	1 8 1	1 13 0	3 4 10	3	0	6	Ditto . . .	...	...	3 6 9	...
Shahpur . . .	1 12 0	1 15 1	3 7 8	3	7	11	Ditto . . .	1 8 0	1 12 7	3 2 6	3 8 10
Multan . . .	1 10 7	2 0 3	3 9 1	3	10	6	Ditto . . .	1 9 3	2 1 5	3 8 6	3 7 5
Amritsar . . .	1 8 2	1 14 1	3 5 6	2	15	10	Ditto . . .	1 7 2	1 13 0	3 3 7	2 13 8
							{ Sambhar . . .	...	...	4 2 1	4 10 5
Jullundur . . .	1 9 4	2 0 3	2 15 5	3	5	1	{ Salt Range . . .	1 7 6	1 13 6	3 0 4	3 4 7
							{ Sambhar . . .	...	...	8 10 8	10 0 0
							{ Salt Range . . .	1 7 3	1 13 5	3 4 5	3 8 5
							{ Sambhar . . .	...	...	7 7 0	...
Ludhiana . . .	1 9 0	1 15 5	3 7 8	2	6	1	{ Middlesborough . . .	...	...	8 8 0	...
							{ Muscat . . .	...	...	9 6 8	...
							{ Bombay . . .	...	...	7 2 0	...
Ferozepore . . .	1 12 5	2 4 11	3 15 2	4	0	0	Salt Range . . .	1 8 0	1 13 6	3 8 7	3 10 2
Ambala . . .	1 8 4	1 15 5	3 6 5	3	5	4	Ditto . . .	...	...	3 8 11	...
<b>Delhi Province.</b>											
Delhi . . .	1 13 3	1 15 8	3 1 0	2	15	8	{ Salt Range . . .	1 11 9	2 2 1	3 7 6	3 6 4
							{ Sambhar . . .	1 11 3	2 0 1	3 0 1	2 9 6
							{ Didwana . . .	1 10 7	...	3 5 0	...
							{ Sultanpuri . . .	1 9 0	2 0 0	2 15 6	...
							{ Saltpetre Salt . . .	...	...	...	1 6 0
<b>United Provinces.</b>											
Meerut . . .	1 12 8	1 15 9	3 0 6	3	6	2	{ Salt Range . . .	1 9 6	2 0 0	2 14 3	3 3 11
							{ Sultanpuri . . .	1 10 11	2 2 10	2 6 0	2 8 0
							{ Baragra . . .	...	...	1 8 0	1 8 0
							{ Didwana . . .	...	2 11 0	2 0 0	2 0 0
							{ Bombay . . .	...	...	2 5 9	2 5 9
							{ Pachbadra . . .	1 12 0	2 4 0	2 8 0	2 8 0
							{ Sambhar . . .	1 11 7	1 15 7	2 14 11	3 11 11
							{ Salt Range . . .	1 15 9	2 8 10	3 11 2	3 12 0
							{ Sambhar . . .	1 11 8	1 15 5	2 15 4	2 11 10
							{ Didwana . . .	...	...	2 10 0	...
Agra . . .	1 12 9	1 15 4	3 2 0	3	2	5	{ Salt Range . . .	1 8 0	...	1 7 6	...
							{ Saltpetre . . .	...	...	2 9 0	...
							{ Baragra . . .	...	...	2 9 0	...
							{ Pachbadra . . .	1 12 11	1 14 2	3 1 1	2 14 0
							{ Salt Range . . .	...	2 10 3	5 3 7	4 14 2
Jhansi . . .	2 1 6	2 4 5	3 3 8	3	2	2	{ Didwana . . .	1 13 3	...	...	...
							{ Sambhar . . .	...	2 4 3	3 4 6	3 1 4
							{ Pachbadra . . .	...	...	2 14 0	...

(a) All retail prices are those of the kind of salt in common use.

## Appendix XI—contd.

Comparative statement showing the annual average prices of salt in the principal marts of Northern and Central India for the year 1920-21 with triennial average from 1911-12.

Mart and Province.	RETAIL PRICES PER BRITISH MAUND RECORDED BY THE STATISTICAL BUREAU. (a)				WHOLESALE PRICES PER BRITISH MAUND AS ASCERTAINED BY OFFICERS OF THE DEPARTMENT.				
	Average 1911-12 to 1913-14.	Average 1914-15 to 1916-17.	Average 1917-18 to 1919-20.	1920-21.	Description of salt.	Average 1911-12 to 1913-14.	Average 1914-15 to 1916-17.	Average 1917-18 to 1919-20.	1920-21.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
<b>United Provinces—contd.</b>									
Cawnpore . . . . .	1 13 1	2 0 10	2 14 11	3 1 3	Salt Range . . . . .	1 13 4	2 2 4	3 12 3	3 6 7
					Sultanpuri . . . . .	1 13 8	1 11 8	...	...
					Liverpool . . . . .	...	...	2 14 4	...
					Sambhar . . . . .	1 12 9	1 15 5	3 1 11	2 11 2
					Pachbadra . . . . .	1 13 8	2 1 11	2 7 2	...
					Saltpetre . . . . .	1 8 0	1 8 10	2 3 4	...
Allahabad . . . . .	2 1 3	2 6 7	3 8 9	3 4 3	Salt Range . . . . .	1 14 5	2 3 0	4 3 5	5 6 2
					Sambhar . . . . .	1 14 9	2 2 3	3 7 3	3 5 7
					Saltpetre . . . . .	...	...	2 10 4	...
					Liverpool . . . . .	...	...	...	6 0 0
Benares . . . . .	2 5 11	2 11 7	3 11 7	2 15 5	Salt Range . . . . .	1 13 0	2 0 10	3 11 2	3 15 0
					Sambhar . . . . .	1 15 11	2 1 10	3 7 8	2 14 10
					Baragra . . . . .	2 3 0	2 3 5	3 10 5	2 14 0
					Pachbadra . . . . .	2 3 0	...	4 0 0	...
Ghazipur . . . . .	2 6 3	2 9 1	3 10 0	3 6 2	Salt Range . . . . .	2 3 2	2 7 2	3 11 1	4 3 7
					Baragra . . . . .	2 3 2	2 6 7	3 8 8	...
					Sambhar . . . . .	...	...	3 3 7	3 9 0
					Saltpetre . . . . .	1 3 0	1 10 6	2 7 5	...
Gorakhpur . . . . .	2 2 6	2 9 7	3 15 0	3 10 2	Salt Range . . . . .	2 3 0	2 2 6	3 11 1	3 9 6
					Sambhar . . . . .	...	...	3 3 0	3 0 0
					Didwana . . . . .	...	...	3 15 0	...
					Saltpetre . . . . .	2 0 0	...	...	...
					Baragra . . . . .	2 2 5	2 5 1	3 10 7	3 5 0
					Liverpool . . . . .	...	...	3 12 7	3 4 4
					Aden . . . . .	2 0 0	2 7 8	...	2 0 0
					Salif . . . . .	2 1 7	2 13 7	4 4 0	...
					Spanish . . . . .	2 0 10	2 11 2	...	...
					Pachbadra . . . . .	...	2 10 0	3 15 0	...
Shahjahanpur . . . . .	2 1 5	2 4 2	3 4 11	3 1 6	Salt Range . . . . .	1 14 3	2 5 3	4 1 6	3 15 7
					Sambhar . . . . .	1 14 3	2 2 3	3 4 3	2 14 10
Barilly . . . . .	1 15 3	2 2 7	2 15 8	2 14 4	Salt Range . . . . .	1 14 0	2 4 3	4 3 11	4 6 0
					Sambhar . . . . .	1 13 7	2 1 0	3 1 7	2 15 5
					Pachbadra . . . . .	1 14 0	3 1 0	3 1 0	...
Lucknow . . . . .	2 2 11	2 5 7	3 4 6	3 3 9	Salt Range . . . . .	1 14 5	2 6 0	4 7 3	3 13 2
					Sambhar . . . . .	1 13 8	2 1 3	3 5 2	3 2 10
Fyzabad . . . . .	2 2 4	2 5 10	3 6 11	3 14 1	Salt Range . . . . .	...	...	3 10 1	...
					Sambhar . . . . .	...	...	3 1 11	...
					Baragra . . . . .	...	...	2 14 0	...

(a) All retail prices are those of the kind of salt in common use.

## Appendix XI—contd.

Comparative statement showing the annual average prices of salt in the principal marts of Northern and Central India for the year 1920-21 with triennial average from 1911-12.

Mart and Province.	RETAIL PRICES PER BRITISH MAUND RECORDED BY THE STATISTICAL BUREAU. (a)			1920-21.	Description of salt.	WHOLESALE PRICES PER BRITISH MAUND AS ASCERTAINED BY OFFICERS OF THE DEPARTMENT.			1920-21.
	Average 1911-12 to 1913-14.	Average 1914-15 to 1916-17.	Average 1917-18 to 1919-20.			Average 1911-12 to 1913-14.	Average 1914-15 to 1916-17.	Average 1917-18 to 1919-20.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Bihar.									
Patna . . . . .	2 0 7	2 15 1	3 10 4	3 14 1	Salt Range . . . . .	2 2 5	2 7 4	3 4 10	3 6 10
					Sambhar . . . . .	...	...	3 0 7	...
					Liverpool . . . . .	2 1 2	3 0 3	4 2 4	...
					Pachbadra . . . . .	...	...	3 0 0	...
					Saltpetre . . . . .	...	2 0 0	2 9 0	2 8 0
					Salif . . . . .	2 0 1	...	4 8 0	...
Saran (Chapra) . . . . .	2 1 10	2 13 9	4 3 1	3 8 7	Salt Range . . . . .	2 5 6	2 9 11	3 7 5	4 0 6
					Saltpetre . . . . .	...	1 12 0	2 9 4	2 8 0
					Liverpool . . . . .	2 1 2	3 6 0	4 3 5	3 8 0
					Sambhar . . . . .	...	...	3 0 4	4 14 0
					Salif . . . . .	...	3 0 0	3 14 0	...
Muzaffarpur . . . . .	2 2 0	2 11 3	3 5 4	3 1 3	Liverpool . . . . .	2 1 10	2 10 7	4 4 0	3 13 9
					French . . . . .	2 0 0	2 8 8	...	...
					Jedda . . . . .	1 15 5	2 5 0	...	...
					Aden . . . . .	...	2 13 6	...	...
					Salif . . . . .	2 0 5	3 0 0	3 3 0	...
					Saltpetre . . . . .	1 10 5	1 12 0	2 4 4	2 1 0
					Sultanpuri . . . . .	...	2 11 7	...	...
					Salt Range . . . . .	2 8 4	2 10 8	3 5 10	3 1 3
					Pachbadra . . . . .	...	2 11 4	2 14 6	...
					Sambhar . . . . .	...	2 7 8	3 4 5	2 14 0
					Didwana . . . . .	...	2 10 9	2 8 0	...
					Hamburg . . . . .	2 0 0	...	...	...
					Calcutta . . . . .	...	...	...	3 0 0
Champan (Motihari) . . . . .	2 3 11	3 2 11	3 15 9	3 10 6	Salt Range . . . . .	...	3 6 9	3 10 4	3 5 11
					Sambhar . . . . .	...	3 2 0	3 8 9	3 1 7
					Liverpool . . . . .	2 2 6	2 14 8	4 2 3	3 9 2
					Salif . . . . .	...	...	3 9 6	...
					Spanish . . . . .	...	3 3 9	...	...
					Aden . . . . .	...	...	3 7 0	...
					Saltpetre . . . . .	...	...	2 10 8	...
Mohghyr . . . . .	2 1 7	2 15 1	4 2 3	3 15 7	Salt Range . . . . .	2 7 7	2 12 10	3 8 8	3 5 0
					Liverpool . . . . .	1 15 1	3 4 5	3 13 1	3 5 7
					Sambhar . . . . .	...	...	3 4 5	...
					Pachbadra . . . . .	...	...	3 1 6	...
					Hamburg . . . . .	1 14 4	2 5 5	...	...

(a) All retail prices are those of the kind of salt in common use.

## Appendix XI—concl'd.

Comparative statement showing the annual average prices of salt in the principal marts of Northern and Central India for the year 1920-21 with triennial average from 1911-12.

Mart and Province.	RETAIL PRICES PER BRITISH MAUND RECORDED BY THE STATISTICAL BUREAU. (a)				WHOLESALE PRICES PER BRITISH MAUND AS ASCERTAINED BY OFFICERS OF THE DEPARTMENT.				
	Average 1911-12 to 1913-14.	Average 1914-15 to 1916-17.	Average 1917-18 to 1919-20.	1920-21.	Description of salt.	Average 1911-12 to 1913-14.	Average 1914-15 to 1916-17.	Average 1917-18 to 1919-20.	1920-21.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
<b>Bihar—cont'd.</b>					Sultanpuri . . .	..	..	..	3 0 0
					Salt Range . . .	2 4 7	2 8 5	3 3 0	2 13 4
					Liverpool . . .	2 2 2	2 14 2	4 6 3	3 5 9
Gya . . . . .	2 4 11	2 13 6	3 4 5	2 14 7	Salif . . . . .	2 1 0	..	4 8 0	..
					Sambhar . . . . .	3 0 0	..	2 14 1	3 3 4
					Saltpetre . . . . .	..	..	2 4 0	..
					Pachbhadra . . . . .	..	..	..	2 12 0
<b>Central Provinces.</b>									
Jubbulpur . . . . .	2 6 9	2 7 10	3 8 0	3 2 11	.....	..	..	..	..
Saugor . . . . .	2 2 4	2 8 1	3 3 4	3 9 6	.....	..	..	..	..
Nagpur . . . . .	2 8 2	2 12 1	4 4 9	3 3 5	.....	..	..	..	..
Nimar . . . . .	2 5 0	2 6 4	3 10 4	2 15 2	.....	..	..	..	..
Hoshangabad . . . . .	2 7 9	2 5 9	2 15 6	3 9 6	.....	..	..	..	..
Raipur . . . . .	2 8 3	2 13 5	4 0 0	3 10 2	.....	..	..	..	..
<b>Rajputana.</b>									
Mewar . . . . .	2 4 6	2 6 8	3 9 0	2 12 4	.....	..	..	..	..
Ajmer . . . . .	1 10 8	2 0 7	2 7 10	2 10 8	Salt Range . . . . .	2 10 10	3 2 11	5 10 0	6 11 9
					Sambhar . . . . .	1 8 1	1 15 1	2 7 2	2 9 0
					Pachbadra . . . . .	1 8 8	2 1 4	2 1 6	..
Jodhpur . . . . .	2 5 7	1 11 5	2 4 5	2 0 4	.....	..	..	..	..
Jaipur . . . . .	2 0 3	1 13 4	2 7 6	2 10 2	.....	..	..	..	..
Bharatpur . . . . .	1 12 11	2 0 0	2 15 9	..	.....	..	..	..	..
<b>Central India.</b>									
Indore . . . . .	2 3 11	2 2 10	2 10 5	2 15 8	.....	..	..	..	..
Neemuch . . . . .	1 12 1	1 15 9	3 1 9	3 1 11	.....	..	..	..	..
Gwalior . . . . .	2 0 6	2 4 6	2 12 9	3 4 6	.....	..	..	..	..
<b>Average Provincial retail price.</b>									
North-West Frontier Province, trans-Indus.	1 8 5	1 11 6	2 13 5	2 12 1	.....	..	..	..	..
Punjab . . . . .	1 9 11	1 15 8	3 6 6	3 4 9	.....	..	..	..	..
Delhi . . . . .	1 13 1	1 15 8	3 1 1	2 15 8	.....	..	..	..	..
United Provinces . . . . .	2 1 3	2 4 11	3 5 3	3 4 1	.....	..	..	..	..
Bihar . . . . .	2 2 7	2 14 7	3 12 1	3 8 1	.....	..	..	..	..
Central Provinces and Berar.	2 6 5	2 8 10	3 9 5	3 5 9	.....	..	..	..	..
Rajputana . . . . .	1 14 2	2 0 0	2 11 6	2 8 4	.....	..	..	..	..
Central India . . . . .	2 0 2	2 1 8	2 13 8	3 2 0	.....	..	..	..	..

(a) All retail prices are those of the kind of salt in common use.

## Appendix XII.

Statement showing the number of licenses issued for the manufacture of saline substances and the fees realized in the Internal Branch of the Northern India Salt Revenue Department, during the year 1920-21.

Province.	SALT PETRE REFINERIES.		CRUDE SALT-PETRE.		KHARI.		SAJJI.		RASSI.		TOTAL.	
	Number.	Fees.	Number.	Fees.	Number.	Fees.	Number.	Fees.	Number.	Fees.	Number.	Fees.
		Rs.		Rs.		Rs.		Rs.		Rs.		Rs.
North-West Frontier Province.	...	...	15	15	...	...	...	...	...	...	15	15
Punjab . . . . .	51	2,550	1,353	1,256	...	...	...	...	...	...	1,404	3,806
United Provinces . . . . .	110	5,500	6,209	5,432	412	361	323	283	14	12	7,068	11,588
Bihar . . . . .	236	11,800	27,138	3,392	5,208	650	2	1	...	...	32,584	15,843
TOTAL . . . . .	397	19,850	34,715	10,095	5,620	1,011	325	284	14	12	41,071	31,252
TOTAL OF 1919-20 . . . . .	417	20,776	24,953	8,270	14,521	2,515	644	550	18	16	40,553	32,127

## Appendix XIII.

Statement showing the work done in the saltpetre refineries of the Internal Branch of the Northern India Salt Revenue Department, during the year 1920-21.

Province.	Number of saltpetre refineries which worked.	REFINEMENT OF SALT-PETRE.			EDUCTION OF SALT.			SALT DISPOSED OF.		SITTA DISPOSED OF.		
		Quantity of saltpetre utilised for refinement.	Quantity of refined saltpetre produced.	Percentage of refined produce on saltpetre utilised for refinement.	Purified salt.	Sitta (impure salt).	TOTAL.	Percentage of salt reduced on saltpetre utilised for refinement.	Salt excised.	Salt destroyed.	Sitta excised.	Sitta destroyed.
		Mds.	Mds.		Mds.	Mds.	Mds.		Mds.	Mds.	Mds.	Mds.
North-West Frontier Province.	...	...	...	...	...	...	...	...	...	...	...	...
Punjab . . . . .	51	5,28,957	1,48,345	28.04	...	1,71,952	1,71,952	32.51	...	...	3,453	1,69,120
United Provinces . . . . .	110	2,74,963	1,33,473	48.54	55,167	5,904	61,071	22.21	35,447	5,176	5,533	8,677
Bihar . . . . .	232	3,27,754	1,65,065	50.36	25,366	41,834	67,200	20.50	22,532	1,399	...	43,196
TOTAL . . . . .	393	11,31,674	4,46,883	39.49	80,533	2,19,690	3,00,223	26.13	57,979	6,575	(a)	2,20,993
TOTAL OF 1919-20 . . . . .	411	12,79,609	5,13,102	40.10	90,730	2,50,180	3,40,910	26.64	84,376	22,145	21,142	2,40,016

(a) Sitta (impure saltpetre salt) is excised at 10 annas a maund. Realisation on this account were Rs. 5,617 in 1920-21 and Rs. 13,214 in 1919-20.

## Appendix XIV.

Statement showing the number of persons arrested and prosecuted or released departmentally for offences against the salt law during the year 1920-21.

Division.	Number of cases.	Total number of persons arrested.	RELEASED BY THE DEPARTMENT.				Total.	Committed for trial.	Acquitted.	Convicted.	Pending trial when report was submitted.	Died or absconded before trial.	Percentage of convictions on number of persons sent up for trial less those whose cases are pending and those who died or absconded before trial.
			Infirm persons, pregnant women and children.	Cases involving less than one seer of illicit salt.	On proof of ignorance or inadvertence or for want of sufficient evidence.	Cases involving more than one seer illicit salt in which departmental punishment was awarded.							
Sambhar Lake . . . . .	3	3	...	...	...	...	3	2	1	...	...	33.33	
Didwana Salt Source . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	
Pachbadra Salt Sources . . . . .	3	6	...	...	...	...	6	...	6	...	...	100.00	
Salt Range . . . . .	1	1	...	1	...	...	1	...	...	...	...	...	
Sultanpur Salt Work . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	
Kohat Mines . . . . .	3	7	...	...	...	...	7	...	7	...	...	100.00	
Mandi Mines . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	
Internal Branch . . . . .	681	752	15	257	22	40	334	418	8	227	183	96.60	
Total . . . . .	691	769	15	258	22	40	335	434	10	241	183	96.02	
TOTAL OF 1919-20 (a) . . . . .	474	509	11	202	45	10	268	241	15	219	4	93.59	

(a) Cases that were pending when report for 1919-20 was submitted have been included.

## Appendix XV.

Statement showing the punishment awarded by the courts for offences against the salt law during the year 1920-21.

	PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.						PERSONS SENTENCED TO FINE ONLY.						
	For one month and under.	For more than one month but less than three months.	For three months and more but less than six months.	For six months and upwards.	Total number imprisoned.	Total number of fines inflicted in addition to imprisonment.	Rs. 10 and lesser sums.	More than Rs. 10 but less than Rs. 50.	Rs. 50 and upwards but less than Rs. 100.	Rs. 100 and upwards.	Total number of fines.	Aggregate of fines.	Average fines.
1920-21 . . . . .	23	2	4	...	29	2	177	34	1	...	212	Rs. 1,662	Rs. 7.84
1919-20 (a) . . . . .	27	2	5	...	34	110	143	29	6	7	185	3,120	16.86

(a) Cases that were pending when the report of 1919-20 was submitted have been included.

