

**GOVERNMENT OF INDIA  
FINANCE DEPARTMENT.**

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**Review of the Civil Expenditure of  
the Government of India in the six  
years ending with 1929-30.**

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**PART I.**

**GENERAL REVIEW.**

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The task entrusted to me was that of reviewing the expenditure, incurred by the Government of India from revenue, in civil departments other than the Railway and Posts and Telegraph Departments, during the six years ending with 1929-30. I submitted in July last a preliminary report based upon figures which were largely provisional. My special duty has since been interrupted by my appointment to officiate in certain responsible posts in the Finance Department, but I have at last been able to complete my task and now submit my final report. I desire to make it quite plain at the outset that the report is a review only, designed to bring out the main factors which have influenced the course of expenditure during the selected period of six years. It makes no suggestion for economy or for retrenchment, though it should provide ample material for an investigation directed towards these ends.

2. In explaining the general plan of this report, I must begin by stating that the figures on which I have worked are the actual figures booked in the accounts of the five years 1924-25 to 1928-29 and the budget figures of 1929-30. It is only within the last few days that the actuals of the year which ended on the 31st March 1930 have become available, and it was therefore impossible to take them into consideration. Part II of this volume contains the detailed figures of expenditure under each principal head of account. The unit adopted is ordinarily the major head; but the head General Administration has, in view of its importance, been split up into less cumbrous units. The expenditure under each selected unit in each of the six years has been set forth in detail against the more important sub-heads of account; the receipts credited to the cor-

responding revenue head have, wherever this is possible, been exhibited for purposes of comparison; and the progress of expenditure has been examined and analysed in a separate memorandum for each unit. Part III of the volume sets forth and analyses the revenue and expenditure of the six minor administrations which function upon lines approximately similar to those followed by a local Government proper; Bangalore being included in this category in view of the fact that it is required to present a balanced budget. The expenditure in Rajputana, Central India, Hyderabad and the Western India States Agency, although provision is made for it in separate demands for grants, stands on another footing. It differs very little from the outlay of other large political agencies containing small enclaves of British Indian territory, and has accordingly been included with the general expenditure of the central Government. In the present Part of this review, I propose to bring together the general results of the investigation whose details are set out in Parts II and III; and to draw from them such inferences and conclusions as appear to be justifiable. In doing so, I shall compare the actuals of 1924-25 with the budget estimates of 1929-30. For figures of intervening years, reference should be made to Part II of this volume.

3. As a preliminary to the examination of the figures of expenditure, I have prepared the following table, which sets forth the complete outlay of the first and last years of the period under each of the heads analysed in Part II, distributed over the more important sub-heads of account. The figures in this table, and throughout this Part of the review, represent thousands of rupees.

TABLE A.

	Customs.			Taxes on Income.			Salt.			Opium.		
	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).
Pay of Officers . . . . .	6,49	7,71	+1,22	18,52	28,87	+10,35	5,71	6,08	+32	5,56	2,77	-2,79
Sterling Leave Salary, Overseas Pay, Deputation Pay, etc.	1,92	1,74	-18	1,06	1,36	...	74	1,01	+27	53	51	-2
Pay of Establishment . . . . .	42,37	49,34	+6,97	18,90	29,04	+10,14	32,02	35,73	+3,71	5,67	3,21	-2,46
Establishment and other Charges paid to other Governments, etc.	3,44	1,68	-1,76	11,15	34	-10,81	4,58	4,13	-45	6	17	+11
<i>Deduct</i> —Establishment and other Charges recovered from other Governments, etc.	-67	-54	+13	...	-18	-18	-4,39	-4,08	+31	...	...	...
Allowances, Honoraria, etc. . . . .	12,37	13,74	+97	4,85	6,30	+1,54	4,51	4,16	-35	1,18	66	-52
Pensions, etc. . . . .	...	...	...	...	...	...	...	78	+78	...	...	...
<i>Deduct</i> —Recoveries from other Governments, etc. . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Grants-in-Aid, Subsidies, etc. . . . .	77	3,40	+2,72	...	...	...	...	...	...	...	...	...
Refugees and State Prisoners . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Entertainment Charges . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Assignments and Compensations . . . . .	5,04	17,68	+11,59	...	...	...	36,37	40,80	+4,02	54	55	+1
Works [ . . . . .	...	...	...	...	3	+3	8,46	7,01	-1,45	1,20	36	-84
Purchase of Stores . . . . .	1	11	+10	...	...	...	14	2	-12	4	2	-2
Purchase of Stock . . . . .	...	...	...	...	...	...	25,97	23,06	-2,91	2,14,82	58,97	-1,55,85
Other Supplies and Services and Contingencies.	4,38	6,30	+1,92	5,89	8,06	+2,17	7,69	11,30	+3,61	5,97	3,79	-2,18
Loss on Coinage . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Remittance of Treasure . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Service of Debt . . . . .	...	...	...	...	...	...	3,01	4,74	+1,73	...	...	...
Contributions to Depreciation, etc., Funds.	...	...	...	...	...	...	2,60	2,99	+39	...	...	...
Miscellaneous . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
<i>Deduct</i> —Probable Savings . . . . .	...	-98	-98	...	-1,23	-1,23	...	-3,39	-3,29	...	...	...
<b>Total</b> . . . . .	<b>77,12</b>	<b>99,82</b>	<b>+22,70</b>	<b>60,37</b>	<b>72,88</b>	<b>+12,01</b>	<b>1,27,41</b>	<b>1,33,98</b>	<b>+6,57</b>	<b>2,85,57</b>	<b>71,01</b>	<b>-1,64,56</b>



	Land Revenue.			Excise.			Stamps.			Fore-tn.		
	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).
Pay of Officers . . . . .	30	41	+11	49	48	-0	..	..	..	5,73	5,63	-10
Sterling Leave Salary, Overseas Pay, Deputation Pay, etc.	5	9	+4	2	5	+3	..	..	..	2,85	1,71	-1,14
Pay of Establishment . . . . .	7,18	7,52	+39	84	1,63	+79	64	25	-39	3,15	4,27	+1,12
Establishment and other Charges paid to other Governments, etc.	1,40	..	-140	8	8	..	..	..	..	..	..	..
<i>Deduct</i> —Establishment and other Charges recovered from other Governments, etc.	..	-11	-11	..	-8	-8	-8,60	..	+8,60	..	..	..
Allowances, Honoraria, etc. . . . .	1,14	1,47	+33	31	61	+30	1	..	-1	1,41	1,65	+14
Pensions, etc. . . . .	..	..	..	..	..	..	..	..	..	..	..	..
<i>Deduct</i> —Recoveries from other Governments, etc.	..	..	..	..	..	..	..	..	..	..	..	..
Grants-in-Aid, Subsidies, etc. . . . .	..	..	..	..	..	..	..	..	..	..	..	..
Refugees and State Prisoners . . . . .	..	..	..	..	..	..	..	..	..	..	..	..
Entertainment Charges . . . . .	..	..	..	..	..	..	..	..	..	..	..	..
Assignments and Compensations . . . . .	64	1,27	+63	32	7,97	+7,65	..	..	..	..	..	..
Works . . . . .	..	15	+15	..	1	+1	..	..	..	17,31	25,58	+8,27
Purchase of Stores . . . . .	..	..	..	..	..	..	..	..	..	14	77	+63
Purchase of Stock . . . . .	..	..	..	..	..	..	6,02	..	-6,02	..	..	..
Other Supplies and Services and Contingencies.	55	75	+20	22	5,78	+5,56	74	62	-12	67	1,21	+54
Loss on Coinage . . . . .	..	..	..	..	..	..	..	..	..	..	..	..
Remittance of Treasure . . . . .	..	..	..	..	..	..	..	..	..	..	..	..
Service of Debt . . . . .	..	..	..	..	..	..	..	..	..	..	19	+19
Contributions to Depreciation, etc., Funds.	..	..	..	..	..	..	..	..	..	..	..	..
Miscellaneous . . . . .	..	..	..	..	..	..	..	..	..	..	..	..
<i>Deduct</i> —Probable Savings	..	..	..	..	..	..	..	..	..	..	..	..
<b>Total</b>	<b>11,21</b>	<b>11,57</b>	<b>+34</b>	<b>2,28</b>	<b>16,48</b>	<b>+14,20</b>	<b>-1,19</b>	<b>87</b>	<b>+2,06</b>	<b>31,16</b>	<b>40,91</b>	<b>+9,75</b>

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Registration.			Irrigation.			Debt Services.			General Administration.			General Administration.		
1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	The Governor General and Executive Council.			Legislative Bodies.		
									1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).
..	..	..	1,15	2,94	+1,79	..	..	..	8,62	8,68	+6	9	1,86	+88
..	..	..	74	69	-5	..	..	..	..	..	..	..	..	..
16	18	+2	2,80	3,88	+1,08	..	..	..	1,40	1,49	+9	3	2,14	+2,11
..	..	..	51	29	-22	..	..	..	..	..	..	..	..	..
..	..	..	-66	-1,36	-70	..	..	..	..	..	..	..	..	..
12	11	-1	87	1,96	+1,09	..	..	..	7,14	8,04	+90	6,98	5,17	-81
..	..	..	1,18	1,09	-4	..	..	..	..	..	..	..	..	..
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..	..	..	9,77	11,88	+1,61	..	..	..	..	..	..	..	..	..
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1	1	..	1,23	1,08	-15	..	..	..	1,98	1,98	-5	24	68	+44
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	11,98	12,28	+30	18,08,23	16,59,88	-3,08,35	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	-2,28	-2,28	..	..	..	..	..	..	..	..	..
29	80	+1	29,52	31,90	+2,38	18,68,23	15,59,88	-3,08,35	19,14	20,14	+1,00	7,23	9,85	+2,62

	General Administration, Public Service Commission and Staff Selection Board.			General Administration, Charges in Minor Administrations.			General Administration, Government of India Secretariat.			General Administration, Payments to Provincial Governments.		
	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).
	Pay of Officers . . . . .	...	2,57	+ 2,57	6,97	7,93	+ 96	28,91	25,99	+ 2,08	...	...
Sterling Leave Salary, Overseas Pay, Deputation Pay, etc.	...	...	...	...	...	...	...	...	...	...	...	...
Pay of Establishment . . . . .	...	53	+ 53	-8,78	10,15	+ 1,37	28,28	28,64	+ 5,86	...	...	...
Establishment and other Charges paid to other Governments, etc.	...	...	...	90	...	-90	...	...	...	1,48	2,09	+ 6
<i>Deduct</i> —Establishment and other Charges recovered from other Governments, etc.	...	...	...	...	...	...	...	-14	-14	...	...	...
Allowances, Honoraria, etc. . . . .	...	41	+ 41	2,54	3,51	+ 97	6,06	7,12	+ 1,06	...	...	...
Pensions, etc. . . . .	...	...	...	...	...	...	...	...	...	...	...	...
<i>Deduct</i> —Recoveries from other Governments, etc.	...	...	...	...	...	...	...	...	...	...	...	...
Grants-in-Aid, Subsidies, etc. . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Refugees and State Prisoners . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Entertainment Charges . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Assignments and Compensations . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Works . . . . .	...	...	...	70	65	-5	...	...	...	...	...	...
Purchase of Stores . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Purchase of Stock . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Other Supplies and Services and Contingencies	*11	20	+ 9	3,92	3,86	-6	8,55	9,18	+ 63	...	...	...
Loss on Coinage . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Remittance of Treasure . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Services of Debt . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Contributions to Depreciation, etc., Funds.	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
<i>Deduct</i> —Probable Savings . . . . .	...	...	...	...	...	...	...	-20	-20	...	...	...
Total . . . . .	11	3,71	+ 3,60	28,81	26,10	+ 2,29	61,80	70,59	+ 8,79	1,48	2,09	+ 6

\* Includes pay of establishment and allowances.

General Administration.			General Administration.			Accounts and Audit.			Administration of Justice.			Jails and Convict Settlements.		
Establishment of the Secretary of State and High Commissioner.			Other Expenditure in England.											
1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).
51,55*	60,94*	+ 9,39	...	...	...	20,54	27,04	+ 6,50	4,28	5,00	+ 77	2,16	2,47	+ 31
...	...	...	8,35	6,56	- 1,79	1,95	2,17	+ 22	49	74	+ 25	45	39	- 6
...	...	...	...	...	...	55,13	83,56	+ 28,37	3,49	4,61	+ 1,12	6,25	7,78	+ 1,53
...	...	...	...	...	...	89	3	- 86	65	95	+ 40	74	36	- 38
- 27,68	- 28,37	- 69	...	...	...	- 10,08	- 12,26	- 2,18	...	...	...	...	- 14	- 14
...	...	...	...	...	...	6,49	8,78	+ 2,24	1,44	1,29	- 15	44	1,08	+ 59
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...	29,38	+ 29,38	...	...	...	...	9	+ 9	...	...	28	4,30	...	+ 4,02
...	...	...	2	3	+ 1	...	...	...	...	...	...	...	...	...
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5,99	6,25	+ 26	...	...	...	4,55	6,15	+ 1,90	1,36	2,31	- 95	26,10	28,41	+ 2,31
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...	...	...	32	80	+ 48	...	...	...	...	...	...	8	1	- 2
...	...	...	...	...	...	...	- 1,94	- 1,94	...	...	...	...	- 3,00	- 3,00
29,86	68,15	+ 38,29	8,69	7,5	- 1,80	79,47	1,13,81	+ 34,34	11,56	14,90	+ 3,34	36,45	41,61	+ 5,16

\* Includes pay of establishment and allowances.

	Police.			Ports and Pilotage.			Ecclesiastical.			Political and Frontier Watch and Ward (excluding Works).		
	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)
Pay of Officers . . . . .	5,29	5,30	+ 1	12,45	15,31	+ 2,86	18,21	12,10	-6,11	52,51	50,04	-2,47
Starling Leave Salary, Overseas Pay, Deputation Pay, etc.	1,74	1,89	+ 15	1,13	2,53	+ 1,40	6,17	8,73	+ 2,56	8,35	10,54	+ 2,19
Pay of Establishment . . . . .	47,05	49,43	+ 2,38	2,59	4,25	+ 1,66	2,18	1,56	-62	90, 9	97,70	+ 7,51
Establishment and other Charges paid to other Governments, etc.	4,11	3,20	-91	...	1,08	+ 1,08	...	...	...	66,89	64,85	-2,24
Deduct—Establishment and other Charges recovered from other Governments, etc.	-4,53	-89	+ 3,64	-76	-58	+ 18	...	...	...	-14,77	-8,65	+ 11,12
Allowances, Honoraria, etc.	8,74	10,23	+ 1,49	1,28	3,12	+ 1,84	2,98	3,85	+ 87	28,88	28,25	+ 1,48
Pensions, etc. . . . .	...	...	...	...	27	+ 27	...	...	...	...	...	...
Deduct—Recoveries from other Governments, etc.	...	...	...	...	...	...	...	...	...	...	...	...
Grants-in-Aid, Subsidies, etc.	...	...	...	28	12	-11	...	3,68	+ 3,68	22,68	22,65	+ 21
Refugees and State Prisoners . . . . .	...	...	...	...	...	...	...	...	...	4,16	3,80	-84
Entertainment Charges . . . . .	...	...	...	...	...	...	...	...	...	4,84	4,69	-11
Assignments and Compensations . . . . .	...	...	...	...	...	...	...	...	...	62	12	-54
Works . . . . .	10	18	+ 8	...	...	...	...	73	+ 73	1,25	4,80	+ 3,01
Purchase of Stores . . . . .	...	...	...	43	2	-41	...	...	...	39	13	-24
Purchase of Stock . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Other Supplies and Services and Contingencies.	8,10	8,27	+ 17	7,46	7,80	+ 34	1,76	1,91	+ 15	47,45	52,80	+ 5,3
Loss on Coinage . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Remittance of Treasure . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Service of Debt . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Contributions to Depreciation, etc., Funds.	...	...	...	...	3,84	+ 3,84	...	...	...	...	...	...
Miscellaneous . . . . .	...	3	+ 3	...	...	...	...	...	...	24,88	23,94	-8
Deduct—Probable Savings . . . . .	...	-1,05	-1,05	...	-57	-57	...	...	...	...	-80	-8
Total . . . . .	70,60	76,59	+ 5,99	24,81	26,99	+ 12,18	31,30	32,56	+ 1,26	3,86,31	3,53,36	+ 22,6

A—contd.

Scientific Departments, Survey of India.			Scientific Departments, Zoological Survey.			Scientific Departments, Botanical Survey.			Scientific Departments, Geological Survey.			Scientific Departments, Archaeological Department.		
1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).
14,97	14,13	-84	43	72	+29	30	33	+3	3,08	3,66	+58	2,23	2,94	+71
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21,94	25,42	+3,48	39	61	+22	28	37	+9	53	85	+32	1,64	2,43	+79
...	...	...	...	...	...	74	87	+13	...	...	...	...	...	...
-23,27	-22,22	+5	...	..	...	...	...	...	...	-55	-55	..	...	...
5,98	7,39	+1,41	9	25	+16	11	17	+6	54	1,33	+79	80	1,19	+39
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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47	18	-29	...	...	...	...	...	...	...	...	...	6,79	7,13	+34
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	1,42	...	-1,42	...	...	...	...	...	...
10,74	12,25	+1,51	55	53	-2	98	1,34	+36	43	1,03	+60	2,27	3,53	+1,26
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	-3,72	-3,72	...	...	...	...	...	...	...	-3	-3	...	...	...
31,53	33,43	+1,90	1,46	2,11	+65	3,85	3,10	-75	4,58	6,29	+1,71	13,73	17,22	+3,49

	Scientific Departments, Meteorological Department.			Scientific Departments, Mines Department.			Scientific Departments, Other Charges in India.			Scientific Departments, Charges in England.		
	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)
Pay of Officers . . . . .	1,02	2,07	+1,05	1,22	1,38	+11	...	...	...	...	...	...
Sterling Leave Salary, Overseas Pay, Deputation Pay, etc.	...	...	...	...	...	...	...	...	...	5,78	6,91	+1,18
Pay of Establishment . . . . .	2,42	8,56	+1,14	46	55	+9	11	16	+5	...	...	...
Establishment and other Charges paid to other Governments, etc.	...	...	...	...	...	...	...	...	...	...	...	...
<i>Deduct</i> —Establishment and other Charges recovered from other Governments, etc.	...	-8	-8	...	...	...	...	...	...	...	...	...
Allowances, Honoraria, etc . . . . .	78	1,35	+57	36	40	+4	...	...	...	...	...	...
Pensions, etc. . . . .	...	...	...	...	...	...	...	...	...	...	...	...
<i>Deduct</i> —Recoveries from other Governments, etc.	...	...	...	...	...	...	...	...	...	...	...	...
Grants-in-Aid, Subsidies, etc. . . . .	...	...	...	...	...	...	3,42	5,01	+1,59	...	...	...
Refugees and State Prisoners . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Entertainment Charges . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Assignments and Compensations . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Works . . . . .	...	48	+48	...	...	...	...	...	...	...	...	...
Purchase of Stores . . . . .	...	...	...	...	...	...	...	...	...	2,35	6,32	+3,97
Purchase of Stock . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Other Supplies and Services and Contingencies.	2,46	4,48	+2,02	18	15	+2	18	19	+1	...	...	...
Loss on Coinage . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Remittance of Treasure . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Service of Debt . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Contributions to Depreciation, etc., Funds.	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
<i>Deduct</i> —Probable Savings . . . . .	...	-50	-50	...	...	...	...	...	...	...	...	...
Total . . . . .	6,68	11,36	+4,68	2,17	2,43	+26	8,71	5,36	+1,65	8,09	18,23	+5,14

A—contd.

Education.			Medical.			Public Health.			Agriculture (including Co-operative Credit).			Civil Veterinary Services.		
1924-25, Actuals.	1929-30, Budget.	Increase (+) / Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) / Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) / Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) / Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) / Decrease (-)
1,74	2,47	+73	7,46	6,56	-90	1,72	2,97	+65	3,25	4,44	+1,19	1,17	1,25	+8
74	72	-2	70	1,47	+77	63	73	+10	1,34	1,05	-29	...	...	...
4,94	7,40	+2,46	4,23	5,50	+1,27	68	1,54	+91	3,32	5,06	+1,74	1,52	2,08	+56
...	6	+6	95	1,28	+33	2,32	2,15	-17	6,56	...	-6,56	28	1	-27
-10	...	+10	-1,10	-92	+18	...	-43	-43	-33	-72	-40	...	...	...
58	1,28	+68	1,12	2,38	+1,26	19	60	+41	85	1,12	+27	27	42	+15
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22,30	39,49	+17,19	7,23	9,32	+2,09	10,45	12,34	+1,89	41	17,40	+16,99	...	5	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
80	8	-22	16	73	+57	23	10	-13	...	...	...	...	...	...
...	...	...	77	59	-18	...	1	+1	...	4	+4	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1,11	1,87	+76	4,36	4,44	+8	1,17	2,21	+1,04	6,55	11,76	+5,21	5,21	5,50	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	-40	-40	...	...	...	...	...	...	...	-80	-80	...	...	...
31,70	53,04	+21,34	25,88	31,44	+5,56	17,34	21,96	+4,28	21,29	39,35	+17,39	8,43	9,31	+88



	Industries.			Aviation.			Indian Stores Department.			Miscellaneous Departments, Emigration-Internal.		
	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-).
Pay of Officers . . . . .	...	77	+ 77	...	51	+ 51	4,42	8,41	+ 3,99	51	1,25	+ 74
Sterling Leave Salary, Overseas Pay, Deputation Pay, etc.	38	45	+ 7	4	59	+ 55	25	68	+ 38	...	...	...
Pay of Establishment . . . . .	...	60	+ 60	4	47	+ 43	3,04	7,72	+ 4,68	24	48	+ 24
Establishment and other Charges paid to other Governments, etc.	...	...	...	...	...	...	...	...	...	...	...	...
<i>Deduct</i> —Establishment and other Charges recovered from other Governments, etc.	...	...	...	...	...	...	...	...	...	...	- 3	- 1
Allowances, Honoraria, etc. . . . .	...	32	+ 32	6	25	+ 19	1,11	2,40	+ 1,29	24	52	+ 28
Pensions, etc. . . . .	...	...	...	...	...	...	...	...	...	...	...	...
<i>Deduct</i> —Recoveries from other Governments, etc.	...	...	...	...	...	...	...	...	...	...	...	...
Grants-in-Aid, Subsidies, etc. . . . .	60,91	4	- 60,87	...	5,08	+ 5,08	...	...	...	...	...	...
Refugees and Straits Prisoners . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Entertainment Charges . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Assignments and Compensations . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Works . . . . .	...	...	...	3	17,04	+ 17,01	16	65	+ 49	...	...	...
Purchase of Stores . . . . .	...	...	...	...	2	+ 2	...	...	...	...	...	...
Purchase of Stock . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Other Supplies and Services and Contingencies . . . . .	...	76	+ 76	5	37	+ 32	1,66	2,72	+ 1,06	19	41	+ 22
Loss on Coinage . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Remittance of Treasure . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Service of Debt . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Contributions to Depreciation, etc., Funds . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Miscellaneous . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
<i>Deduct</i> —Probable Savings . . . . .	...	...	...	...	...	...	...	- 85	- 95	...	...	...
<b>Total . . . . .</b>	<b>1,20</b>	<b>2,94</b>	<b>- 58,85</b>	<b>22</b>	<b>24,33</b>	<b>+ 24</b>	<b>10,64</b>	<b>21,58</b>	<b>+ 10,94</b>	<b>1,18</b>	<b>2,63</b>	<b>+ 1,45</b>

A—contd.

Miscellaneous Departments, Emigration-Internal.			Miscellaneous Departments, Joint Stock Companies.			Miscellaneous Departments, Commercial Intelligence.			Miscellaneous Departments, Other Miscellaneous Departments.			Miscellaneous Departments, Expenditure in England.		
1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)
7	18	+6	40	48	+8	57	69	+12	1,12	1,27	+15	82	...	-82
...	...	...	...	...	...	...	...	...	...	...	...	71	58	-15
32	19	-18	38	42	+4	1,20	1,70	+50	78	1,18	+42	...	...	...
...	7	+7	41	31	-10	99	40	-59	...	4	+4	...	...	...
-6	...	+5	...	...	...	...	...	...	...	-23	-23	...	...	...
9	3	-6	4	5	+1	7	15	+8	50	74	+24	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	15	2	-13
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	7	-2	13	17	+4	21	74	+53	38	63	+25	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	3,27	61	-2,66
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
52	49	-3	1,86	1,98	+12	8,04	8,68	+64	2,76	3,63	+87	4,45	1,19	-3,26

	Currency.			Mint.			Civil Works, etc.			Territorial and Political Pensions.		
	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)	1924-25, Actuals.	1929-30, Budget.	Increase (+) Decrease (-)
Pay of Officers . . . . .	3,07	2,71	- 36	1,15	1,37	+ 22	2,95	2,44	- 51	..	..	..
Sterling Leave Salary, Overseas Pay, Deputation Pay, etc.	47	57	+ 10	17	42	+ 25	96	68	- 28	..	..	..
Pay of Establishment . . . . .	18,34	17,27	+ 8,98	5,78	6,86	+ 1,08	3,47	4,76	+ 1,29	..	..	..
Establishment and other Charges paid to other Governments, etc.	..	..	..	..	..	..	17,58	21,08	+ 3,50	..	..	..
<i>Deduct</i> —Establishment and other Charges recovered from other Governments, etc.	..	..	..	..	..	..	..	..	..	..	..	..
Allowances, Honoraria, etc. . . . .	1,06	1,33	+ 27	38	59	+ 21	1,28	1,46	+ 18	..	..	..
Pensions, etc. . . . .	..	..	..	..	..	..	..	..	..	81,89	82,88	+ 9
<i>Deduct</i> —Recoveries from other Governments, etc.	..	..	..	..	..	..	..	..	..	..	..	..
Grants-in-Aid, Subsidies, etc . . . . .	..	..	..	..	..	..	76	86,41	+ 85,65	..	..	..
Refugees and State Prisoners . . . . .	..	..	..	..	..	..	..	..	..	..	..	..
Entertainment Charges . . . . .	..	..	..	..	..	..	..	..	..	..	..	..
Assignments and Compensations . . . . .	..	..	..	..	..	..	..	..	..	..	..	..
Works . . . . .	3	1,15	+ 1,12	..	..	..	1,45,76	2,25,43	+ 79,67	..	..	..
Purchase of Stores . . . . .	..	9,17	+ 9,17	1,77	3,38	+ 1,56	..	..	..	..	..	..
Purchase of Stock . . . . .	29,76	..	- 29,76	..	..	..	..	..	..	..	..	..
Other Supplies and Services and Contingencies.	1,72	5,20	+ 3,48	85	1,81	+ 96	55	78	+ 18	..	..	..
Loss on Coinage . . . . .	..	..	..	3,82	8,09	+ 4,27	..	..	..	..	..	..
Remittance of Treasure . . . . .	8,08	9,44	+ 1,41	..	..	..	..	..	..	..	..	..
Service of Debt . . . . .	..	1,39	+ 1,39	..	..	..	..	..	..	..	..	..
Contributions to Depreciation, etc., Funds.	..	32	+ 32	..	..	..	..	..	..	..	..	..
Miscellaneous . . . . .	..	..	..	..	..	..	4,43	5,87	+ 1,44	..	..	..
<i>Deduct</i> —Probable Savings . . . . .	..	..	..	..	..	..	..	- 10,00	- 10,00	..	..	..
<b>Total</b> . . . . .	<b>57,48</b>	<b>48,55</b>	<b>- 8,93</b>	<b>13,92</b>	<b>22,47</b>	<b>+ 8,55</b>	<b>1,77,73</b>	<b>3,38,81</b>	<b>1,61,08</b>	<b>31,39</b>	<b>32,33</b>	<b>-</b>

A—concl.

Superannuation Allowances and Pensions.			Stationery and Printing.			Miscellaneous.			Extraordinary Payments.			Grand Total.		
1924-25, Actuals.	1924-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1924-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1924-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1924-30, Budget.	Increase (+) Decrease (-).	1924-25, Actuals.	1924-30, Budget.	Increase (+) Decrease (-).
...	...	...	1,68	1,69	+ 1	2,94	4,68	+ 1,69	...	...	...	3,09,16	3,43,59	+ 39,43
..	...	...	1,01	1,91	+ 90	50	49	- 1	...	...	...	50,17	57,54	+ 7,37
...	...	...	15,51	21,64	+ 6,13	4,12	2,07	- 2,05	...	...	...	4,44,66	5,47,85	+ 1,03,19
...	...	...	4,30	1,78	- 2,52	...	...	...	...	...	...	1,80,89	1,67,10	- 23,79
...	...	...	-48,29	-56,69	- 8,40	...	...	...	...	...	...	-1,44,27	- 1,34,20	+ 10,07
...	...	...	1,10	1,28	+ 18	1,08	2,18	+ 1,05	...	...	...	1,15,37	1,40,11	+ 24,74
8,03,09	3,15,57	+ 12,48	...	...	...	80	11	- 69	...	...	...	3,36,41	3,50,15	+ 18,74
-17,05	-64,48	-47,88	...	...	...	...	...	...	...	...	...	-17,05	-64,43	-47,38
...	...	...	...	...	...	14,30	12,53	- 1,77	...	...	...	1,43,51	2,17,83	+ 74,32
...	...	...	...	...	...	...	...	...	...	...	...	4,16	3,30	- 86
...	...	...	...	...	...	...	...	...	...	...	...	4,68	4,69	- 19
...	...	...	...	...	...	28,10	27,91	- 19	...	...	...	72,63	95,84	+ 23,21
...	...	...	...	...	...	...	...	...	...	...	...	1,92,90	3,37,02	+ 1,44,12
...	...	...	11,15	7,81	- 3,34	2,00	2,40	+ 40	...	...	...	19,36	30,31	+ 10,95
...	...	...	34,43	51,13	+ 16,70	...	...	...	...	...	...	3,12,42	1,33,16	- 1,79,26
...	...	...	14,45	18,49	+ 4,04	2,89	5,55	+ 2,66	...	...	...	2,04,23	2,55,83	+ 51,65
...	...	...	...	...	...	...	...	...	...	...	...	3,82	8,09	+ 4,27
...	...	...	...	...	...	...	...	...	...	...	...	8,03	9,44	+ 1,41
...	...	...	...	...	...	...	...	...	...	...	...	18,88,22	15,78,48	- 3,04,74
...	...	...	...	2,44	+ 2,44	...	...	...	...	...	...	2,60	9,39	+ 6,79
...	...	...	...	...	...	26,51	14,75	- 11,06	1,02	2,25	+ 1,23	59,71	48,26	- 11,45
...	...	...	...	- 35	- 35	...	- 10	- 10	...	...	...	...	- 32,19	- 32,19
3,86,04	2,51,14	- 84,90	35,34	50,83	+ 15,29	82,54	72,47	- 10,07	1,02	2,25	+ 1,23	41,36,81	40,52,21	- 84,60

4. The foregoing table includes sterling expenditure, as well as outlay in India, whether incurred in the six minor administrations which form the subject of Part III or by the central Government proper. In order to present a clear picture of the true progress of expenditure, it is essential to separate the outlay of the minor administrations from that of the Government of India. This has accordingly been done, so far as the totals under sub-heads are concerned, in the following table. It must be explained, firstly, that, as the sterling charges of the minor administrations are not separable from those of the central Government, the entire expenditure in England has been debited to the latter; and, secondly, that the outlay assigned

to the administrations includes those charges only which, if incurred in a Governor's province, would be classified as provincial expenditure. Charges which would be "central" in a Governor's province are assigned in the table to the Government of India. There is, however, one exception to the latter principle. It is not possible to separate from the ordinary expenditure on civil works, incurred in the North West Frontier Province and Baluchistan in 1924-25, outlay similar to that which is now recorded as central under the head Frontier Watch and Ward. All the works expenditure of the two administrations has therefore been assigned to the administrations, and not to the Government of India, in both years.

TABLE B.

	Central Government proper.			Minor Administrations.		
	1924-25, Actuals.	1929-30, Budget.	Increase (+). Decrease (-).	1924-25, Actuals.	1929-30, Budget.	Increase (+). Decrease (-).
Pay of Officers . . . . .	2,84,08	3,17,58	+33,50	25,08	31,01	+5,93
Sterling Leave Salary, Overseas Pay and Deputation Pay.	50,17	57,54	+7,37	..	..	..
Pay of Establishment . . . . .	3,69,71	4,57,96	+88,25	74,95	89,89	+14,94
Establishment and other Charges paid to other Governments, etc.	1,13,10	87,17	-25,93	17,79	19,93	+2,14
<i>Deduct.</i> —Establishment and other Charges recovered from other Governments, etc.	-1,42,34	-1,32,44	+9,90	-1,93	-1,76	+17
Allowances, Honoraria, etc. . . . .	1,00,45	1,19,19	+18,74	14,92	20,92	+6,00
Pensions, etc. . . . .	3,27,09	3,37,41	+10,32	9,32	12,74	+3,42
<i>Deduct.</i> —Recoveries from other Governments, etc.	-17,05	-64,43	-47,38	..	..	..
Grants-in-Aid, Subsidies, etc. . . . .	1,13,80	1,75,65	+61,85	29,71	42,18	+12,47
Refugees and State Prisoners . . . . .	4,16	3,30	-86	..	..	..
Entertainment Charges . . . . .	4,88	4,69	-19	..	..	..
Assignments and Compensations . . . . .	70,43	85,27	+14,84	2,20	10,57	+8,37
Works . . . . .	96,36	1,41,17	+44,81	96,54	1,95,85	+99,31
Purchase of Stores . . . . .	19,36	29,86	+10,50	..	45	+45
Purchase of Stock . . . . .	3,12,42	1,33,16	-1,79,26	..	..	..
Other Supplies and Services and Contingencies.	1,57,49	2,02,46	+44,97	46,74	53,42	+6,68
Loss on Coinage . . . . .	3,82	8,09	+4,27	..	..	..
Remittance of Treasure . . . . .	8,03	9,44	+1,41	..	..	..
Service of Debt . . . . .	18,71,24	15,66,01	-3,05,23	11,98	12,47	+49
Contributions to Depreciation, etc., Funds.	2,60	9,35	+6,75	..	4	+4
Miscellaneous . . . . .	54,49	46,44	-8,05	5,22	1,82	-3,40
<i>Deduct.</i> —Probable Savings . . . . .	..	-23,16	-23,16	..	-9,03	-9,03
<b>Total</b> . . . . .	<b>38,04,29</b>	<b>35,71,71</b>	<b>-2,32,58</b>	<b>3,32,52</b>	<b>4,80,50</b>	<b>+1,47,98</b>

5. In examining the progress of expenditure under the various sub-heads, I shall deal separately with the outlay of

the Government of India proper and that of the six minor administrations taken together.

**EXPENDITURE OF THE GOVERNMENT OF INDIA PROPER.**

6. As a preliminary to an analysis of the growth of the expenditure of the central Government, I propose to divide the account heads concerned into the following five groups :—

- A. Direct Demands on the Revenue.
- B. Debt Services.
- C. Currency and Mint.
- D. Pensions of Government servants and their dependants.
- E. Civil Administration and Miscellaneous.

The first four of these groups present special features, and their expenditure is governed by considerations differing materially from those regulating that of the fifth group, which contains what may be called the ordinary run of Government expenditure. The outlay connected with the collection of revenue must vary, to a great extent, with the size of the revenue to be received and the circumstances of

collection. The amount of interest payable by the State depends upon the nature and magnitude of the outstanding loans, while the amortisation of debt is regulated with a view to the requirements of India's credit in the money markets of the world. Expenditure upon Currency and Mint is largely governed by the demand for various types of currency. Finally, the expansion of outlay upon non-effective charges is almost entirely automatic and is not susceptible of control from year to year. It is, of course, not entirely impossible to regulate the expenditure under each of the first three groups with a view to economy of administration; but the fifth group is that to which attention must be primarily directed when the possibilities of retrenchment are under consideration.

The following table shows the figures of the first three money columns of Table B distributed over the five groups :—

TABLE C.

	A Direct Demands on the Revenue.			B Debt Services.			C Currency and Mint.			D Pensions of Government Servants.			E Civil Administration and Miscellaneous.		
	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Difference.
Pay of Officers . . . .	41,30	49,99	+8,69	..	..	..	4,22	4,08	-14	..	..	..	2,38,56	2,03,51	+24,95
Sterling Leave Salary, etc. . .	7,17	6,17	-1,00	..	..	..	64	99	+35	..	..	..	42,36	50,38	+8,02
Pay of Establishment . . . .	1,01,56	1,20,31	+18,75	..	..	..	19,12	24,13	+5,01	..	..	..	2,49,03	3,13,52	+64,49
Establishment and other charges payable to other Governments, etc.	19,23	6,32	-12,91	..	..	..	..	..	..	..	..	..	93,87	80,85	-13,02
Deduct.—Establishment and other charges recoverable.	-13,66	-4,80	+8,86	..	..	..	..	..	..	..	..	..	-1,28,68	-1,27,64	+1,04
Allowances, etc. . . . .	23,92	25,80	+1,88	..	..	..	1,44	1,92	+48	..	..	..	75,09	91,47	+16,38
Pensions, etc. . . . .	..	78	+78	..	..	..	..	..	..	2,94,90	3,03,92	+9,02	32,19	32,71	+52
Deduct.—Recoveries from other Governments, etc.	..	..	..	..	..	..	..	..	..	-17,05	-84,43	-47,38	..	..	..
Grants-in-Aid, etc. . . . .	77	3,49	+2,72	..	..	..	..	..	..	..	..	..	1,13,03	1,72,16	+61,85
Refugees and State Prisoners . .	..	..	..	..	..	..	..	..	..	..	..	..	4,16	3,30	-86
Entertainment Charges . . . .	..	..	..	..	..	..	..	..	..	..	..	..	4,88	4,69	-19
Assignments and Compensations	43,54	59,07	+15,53	..	..	..	..	..	..	..	..	..	26,89	26,20	-69
Works . . . . .	11,76	10,28	-1,48	..	..	..	3	1,15	+ 1,12	..	..	..	84,57	1,29,74	+45,17
Purchase of Stores . . . . .	33	47	+14	..	..	..	1,77	12,50	+10,73	..	..	..	17,26	16,89	-37
Purchase of Stock . . . . .	2,46,81	82,03	-1,64,78	..	..	..	29,76	..	-29,76	..	..	..	35,85	61,13	+15,28
Other Supplies and Services and Contingencies.	24,92	34,18	+ 9,26	..	..	..	2,57	7,01	+4,44	..	..	..	1,30,00	*1,61,27	+31,27
Loss on Coinage . . . . .	..	..	..	..	..	..	3,82	8,09	+4,27	..	..	..	..	..	..
Remittance of Treasure . . . .	..	..	..	..	..	..	8,03	9,44	+1,41	..	..	..	..	..	..
Service of Debt . . . . .	3,01	4,74	+1,73	18,68,23	15,59,88	-3,08,35	..	1,39	+1,39	..	..	..	..	..	..
Contributions to Depreciation, etc., Funds.	2,60	2,99	+39	..	..	..	..	32	+32	..	..	..	..	8,04	+8,04
Miscellaneous . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	54,49	46,44	-8,05
Deduct.—Probable Savings . . .	..	-5,50	-5,50	..	..	..	..	..	..	..	..	..	..	-17,66	-17,66
Total . . . . .	5,13,26	3,96,32	-1,16,94	18,68,23	15,59,88	-3,08,35	71,40	71,02	-38	2,77,85	2,39,49	-38,36	10,73,55	13,05,00	+2,27,45

7. In order to effect a proper comparison of the expenditure of the two years, it is necessary to make certain adjustments of the figures recorded in Table C. In the first place, it is desirable to deduct from the outlay of 1924-25 a number of casual or unusual items which have no counterpart in the budget of 1929-30. A typical example of such an item is the

cost of the administration of Aden recorded under the head Political. As the incidence of such charges was still under discussion when the budget for 1929-30 was framed, no provision for them was made in it. The following is a list of the more important items of this nature :—

Group (see paragraph 6 above).	Sub-head.	Item.	Amount (in Rs. 000).
A	Pay of Officers . . . . .	Cotton Excise staff, since abolished . . . . .	10
A	Pay of Establishment . . . . .	Ditto . . . . .	35
A	Allowances, etc. . . . .	Ditto . . . . .	8
E	Pay of Officers . . . . .	Arrear payments relating to the Medal Section of the Army Department of the Secretariat . . . . .	16
		Expenditure in Aden . . . . .	1,20
		Deputation of an officer to Mauritius in connection with Emigration . . . . .	4
E	Pay of Establishment . . . . .	Arrear payments relating to the Medal Section . . . . .	52
		Expenditure in Aden . . . . .	1,12
E	Establishment and other Charges paid to other Governments, etc.	Arrear payments for administration of Agency subjects . . . . .	48
	Ditto. . . . .	Arrear payments in connection with Public Health . . . . .	99
	Ditto . . . . .	Purchase of Farms from the Army Department . . . . .	6,46
	Ditto. . . . .	Arrear payments in connection with Joint Stock Companies . . . . .	14
	Ditto. . . . .	Arrear payments in respect of Commercial Intelligence . . . . .	51
E	Deduct.—Establishment and other Charges recovered from other Governments, etc.	Expenditure in Aden . . . . .	—10
		Arrear recoveries in respect of expenditure in Persia . . . . .	—2,19
	Ditto. . . . .	Accidental double credit of recoveries from the Posts and Telegraph Department under Stationery and Printing . . . . .	—7,14
E	Allowances, etc. . . . .	Cotton Excise Staff . . . . .	8
	Do. . . . .	Arrear payments relating to the Medal Section . . . . .	2
	Do. . . . .	Expenditure in Aden . . . . .	24
	Do. . . . .	Deputation of an officer to Mauritius . . . . .	3
E	Grants-in-Aid, etc. . . . .	Arrear payment to Indian Institute of Science at Bangalore. . . . .	62
	Do. . . . .	Arrear payment to Benares Hindu University . . . . .	1,00
	Do. . . . .	Grant for Guma Water Works . . . . .	5,00
	Do. . . . .	Bounties to the Steel Industry . . . . .	60,79
E	Other Supplies and Services and Contingencies.	Cotton Excise Staff . . . . .	1
	Ditto. . . . .	Arrear payments relating to the Medal Section. . . . .	9
E	Ditto. . . . .	Expenditure in Aden . . . . .	2,14
	Ditto. . . . .	Deputation of an officer to Mauritius . . . . .	13
E	Miscellaneous . . . . .	Special political expenditure in the Punjab . . . . .	5,40
	Do. . . . .	Special political expenditure in Baluchistan . . . . .	54
	Do. . . . .	Special political expenditure in Persia . . . . .	1,02



Group (see paragraph 6 above).	Sub-head.	Item.	Amount (in Rs. 000).
E	Miscellaneous . . . . .	Arrear payments and misappropriation in Kermanshah . . . . .	39
E	Do. . . . .	Cost of the Putao District of Burma, since abolished . . . . .	1,20
E	Do. . . . .	The British Empire Exhibition . . . . .	2,73
E	Do. . . . .	Repatriation of enemy subjects interned in India and post-war repatriation of destitute Indians . . . . .	5,30
E	Do. . . . .	Cost of chartering a vessel to meet the passage requirements of Government servants . . . . .	7,54
E	Do. . . . .	Commission on pensions, etc., paid abroad . . . . .	58
Total . . . . .			97,57

If further details of any of the items in the foregoing table are required, a reference should be made to the relevant memorandum in Part II.

8. In precisely the same way, the budget for 1929-30 included a number of

special non-recurrent items which must be eliminated before a proper comparison of the expenditure of the two years can be made. The more important items of this class are listed below:—

Group (see paragraph 6 above).	Sub-head.	Item.	Amount (in Rs. 000).
C	Purchase of Stores . . . . .	Stores for electrolytic refinery in Bombay . . . . .	45
C	Other Supplies and Services and Contingencies.	Cost of substituting purchased electric current for a departmental power station at the Calcutta Mint . . . . .	37
E	Pay of Officers . . . . .	Expeditions to the Triangle in Burma . . . . .	65
E	Pay of Establishment . . . . .	Ditto . . . . .	78
E	Allowances, etc. . . . .	Ditto . . . . .	24
E	Grants-in-Aid, etc. . . . .	Grant to Bose Research Institute . . . . .	2,00
E	Do. . . . .	Grant to Benares University . . . . .	3,00
E	Do. . . . .	Grant to the Pasteur Institute at Kasauli . . . . .	1,84
E	Do. . . . .	Grant for Agricultural Research . . . . .	10,00
E	Works, etc. . . . .	Outlay on India House in London . . . . .	29,23
E	Other Supplies and Services and Contingencies.	Special purchases for the Viceroy's House at New Delhi . . . . .	27
E	Ditto. . . . .	Expeditions to the Triangle . . . . .	4,68
E	Ditto. . . . .	Outlay on the Forms Press . . . . .	1,12
E	Miscellaneous . . . . .	Compensation to Wazirs . . . . .	50
E	Do. . . . .	Cost of Jaji-Turi Commission . . . . .	20
E	Do. . . . .	Irrecoverable enemy debt due by British nationals in India and paid by Government . . . . .	2,25
Total . . . . .			57,38

9. A second class of item which calls for adjustment is that of expenditure transferred, in the course of the six years under review, between a civil and

a non-civil budget. The following is a list of the more important increases and decreases in the civil budget of 1929-30 due to transfers of this kind :—

Group (see paragraphs 6 above).	Sub-head.	Item.	Amount (in Rs. 000).
E	Pay of Officers . . . . .	Transfer from military to civil budget of cost of Cantonment Magistrates' Courts in Central India . . . . .	5
E	Pay of Establishment . . . . .	Ditto. . . . .	3
E	Do. . . . .	Transfer from military to civil budget of the Finance and Budget Sections of the Royal Air Force . . . . .	57
E	Do. . . . .	Transfer from military to civil budget of the cost of the escort of the Resident in Nepal . . . . .	43
F	Establishment and other Charges paid to other Governments, etc.	Debit to the expenditure head of agency charges payable to provincial Governments, which were previously brought to account by deduction from revenue received . . . . .	81
E	Deduct—Establishment and other Charges recovered from other Governments, etc.	Transfer to the Posts and Telegraphs budget of the cost of policing offices in Calcutta . . . . .	—15
E	Ditto. . . . .	Transfer to the Military and Railway budgets of the cost of Stationery, etc., previously supplied free . . . . .	—16,55
E	Allowances, etc. . . . .	Transfer from military to civil budget of the Finance and Budget Sections of the Royal Air Force . . . . .	24
E	Other Supplies and Services and Contingencies.	Transfer from military to civil budget of the cost of telephones in the North-West Frontier Province . . . . .	32
		Total . . . . .	—14,25

10. Finally, it is necessary to deduct from the budget figures of 1929-30 certain items of increased expenditure which are covered by more or less specific increases of revenue. The majority of these items is the result of changes of

classification, recoveries formerly taken by deduction from expenditure being now credited as revenue. The more important items of this class are brought together in the following list :—

Group (see paragraph 6 above).	Sub-head.	Item.	Amount (in Rs. 000)
A	Allowances, etc. . . . .	Recoveries from merchants of fees to meet over-time and holiday allowances under Customs, now credited as revenue . . . . .	98
A	Do. . . . .	Recoveries from local Governments of allowances to probationers of the Indian Forest Service . . . . .	13
A	Grants-in-Aid, etc. . . . .	Increased grants to charitable institutions from fees paid by merchants for Customs work done on holidays, etc. . . . .	2,73

Group (see para- graph 6 above).	Sub-head.	Item.	Amount (in Rs. 000).
A	Assignments and Compensations	Payments to Travancore and Cochin States in respect of increased Customs revenue collected at their ports	11,56
A	Do.	Increased payments to Jaipur and Jodhpur States on account of increased output of salt in their territories	4,01
A	Other Supplies and Services and Contingencies.	Recoveries of despatch charges under Salt, now credited as revenue	2,75
A	Do.	Recoveries of cost of Opium supplied to the Excise Department, now credited as revenue	3,64
E	Pay of Officers	Cost of Anand Creamery, covered by anticipated revenue	8
E	Pay of Establishment	Cost of Anand Creamery, covered by anticipated revenue	12
E	Do.	Recovery from military budget of cost of escorts of Survey parties	35
E	Deduct—Establishment and other Charges recovered from other Governments, etc.	Recoveries connected with the purchase of Stores in England, now credited as revenue	3,84
E	Do.	Recoveries under Audit now credited as revenue	1,85
E	Do.	Recoveries under Police in Hyderabad, now credited as revenue	2,17
E	Do.	Recoveries under Political and Frontier Watch and Ward, now credited as revenue	1,71
E	Do.	Recoveries in the Western India States Agency, which should have been deducted from estimated expenditure, accidentally omitted from the budget	30
E	Do.	Recoveries from His Majesty's Government in respect of expenditure in Persia, now credited as revenue	1,73
E	Do.	Recoveries under Public Health, now credited as revenue	89
E	Do.	Increase in recoveries under Stationery and Printing, credited as revenue	25,05
E	Allowances, etc.	Cost of Anand Creamery, covered by anticipated revenue	2
E	Grants-in-Aid, etc.	Grant under Civil Works for Road Development, met out of revenue collected for the purpose	83,30
E	Other Supplies and Services and Contingencies.	Recoveries of cost of priced publications of Government, credited as revenue under Stationery and Printing	4,33
E	Do.	Recoveries of Customs duty on imported Stores, credited as revenue	57
E	Do.	Recovery from the military budget of cost of clothing supplied to certain Survey establishments, credited as revenue	42
E	Do.	Cost of Anand Creamery, covered by anticipated revenue	1,68
E	Do.	Increased payments for weather telegrams, covered by increased revenue of the Posts and Telegraphs Department	70
E	Do.	Recoveries of rent by the Public Works Department in Delhi, credited as revenue under Civil Works	1,24
E	Do.	Cost of fumigation of American cotton, financed from fees received	2,57
Total			1,50,47

Here, again, if further information about any item in the list is required, it is suggested that reference should be made to the relevant memorandum in Part II.

11. If the adjustments suggested in the four preceding paragraphs are made, Table C in paragraph 6 will take the following shape:—

	Direct Demands on the Revenue.			Debt Services.			Currency and Mint.			Pensions of Government Servants.			Civil Administration and Miscellaneous.			Total.		
	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Increase (+) Decrease (-).
Pay of Officers . . . . .	41,20	49,99	+8,79	..	..	..	4,22	4,08	-14	..	..	..	2,37,16	2,62,73	+25,57	2,82,58	3,16,80	+34,22
Sterling Leave Salary, etc. . . . .	7,17	6,17	-1,00	..	..	..	64	99	+35	..	..	..	42,36	50,38	+8,02	50,17	57,54	+7,37
Pay of Establishment . . . . .	1,01,21	1,20,31	+19,10	..	..	..	19,12	24,13	+5,01	..	..	..	2,47,39	3,11,24	+63,85	3,07,72	4,55,68	+87,96
Establishment and other Charges payable to other Governments, etc. . . . .	19,23	6,32	-12,91	..	..	..	..	..	..	..	..	..	85,29	80,04	-5,25	1,04,52	86,36	-18,16
<i>Deduct</i> —Establishment and other Charges recovered . . . . .	-13,66	-4,80	+8,86	..	..	..	..	..	..	..	..	..	-1,19,25	-1,48,48	-29,23	-1,32,91	-1,53,28	-20,37
Allowances, etc. . . . .	23,84	24,71	+87	..	..	..	1,44	1,92	+48	..	..	..	74,72	90,99	+16,27	1,00,00	1,17,62	+17,62
Pensions, etc. . . . .	..	78	+78	..	..	..	..	..	..	2,94,99	3,03,92	+9,92	32,19	32,71	+52	3,27,09	3,37,41	+10,32
<i>Deduct</i> —Recoveries from other Governments, etc. . . . .	..	..	..	..	..	..	..	..	..	-17,05	-64,43	-47,38	..	..	..	-17,05	-64,43	-47,38
Grants-in-Aid, etc. . . . .	77	76	-1	..	..	..	..	..	..	..	..	..	45,62	72,22	+26,60	46,39	72,98	+26,59
Refugees and State Prisoners . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	4,16	3,30	-86	4,16	3,30	-86
Entertainment Charges . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	4,88	4,69	-19	4,88	4,69	-19
Assignments and Compensations . . . . .	43,54	43,51	-3	..	..	..	..	..	..	..	..	..	26,89	26,20	-69	70,43	69,71	-72
Works . . . . .	11,76	10,28	-1,48	..	..	..	3	1,15	+1,12	..	..	..	84,57	1,00,51	+15,94	96,36	1,11,94	+15,58
Purchase of Stores . . . . .	33	47	+14	..	..	..	1,77	12,05	+10,28	..	..	..	17,26	16,89	-37	19,36	29,41	+10,05
Purchase of Stock . . . . .	2,46,81	82,93	-1,64,78	..	..	..	29,76	..	-29,76	..	..	..	35,85	51,13	+15,28	3,12,42	1,33,16	-1,79,26
Other Supplies and Services and Contingencies . . . . .	24,92	27,79	+2,87	..	..	..	2,57	6,64	+4,07	..	..	..	1,27,63	1,43,28	+15,65	1,55,12	1,77,71	+22,59
Loss on Coinage . . . . .	..	..	..	..	..	..	3,82	8,09	+4,27	..	..	..	..	..	..	3,82	8,09	+4,27
Remittance of Treasure . . . . .	..	..	..	..	..	..	8,03	9,44	+1,41	..	..	..	..	..	..	8,03	9,44	+1,41
Service of Debt . . . . .	3,01	4,74	+1,73	18,68,23	15,59,88	-3,08,35	..	1,39	+1,39	..	..	..	..	..	..	18,71,24	15,66,91	-3,05,23
Contributions to Depreciation, etc., Funds . . . . .	2,60	2,99	+39	..	..	..	..	32	+32	..	..	..	..	6,04	+6,04	2,60	9,35	+6,75
Miscellaneous . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	29,79	43,49	+13,70	29,79	43,49	+13,70
<i>Deduct</i> —Probable Savings . . . . .	..	-5,50	-5,50	..	..	..	..	..	..	..	..	..	..	-17,66	-17,66	..	-23,16	-23,16
<b>Total . . . . .</b>	<b>6,12,73</b>	<b>3,70,55</b>	<b>-1,42,18</b>	<b>18,68,23</b>	<b>15,59,88</b>	<b>-3,08,35</b>	<b>71,40</b>	<b>70,20</b>	<b>-1 20</b>	<b>2,77,85</b>	<b>2,39,49</b>	<b>-38,36</b>	<b>9,76,51</b>	<b>11,29,60</b>	<b>+1,53,09</b>	<b>37,08,72</b>	<b>34,69,82</b>	<b>-3,34,90</b>

12. In analysing the development of the expenditure of the Government of India proper under each of the principal groups of account heads, I shall work on the figures of Table D. The method adopted will be to discuss in the first instance the more important variations under individual sub-heads, and to conclude with a brief summary of the main factors which have affected the course of expenditure.

*Expenditure of the Government of India proper:—Group A; Direct Demands on the Revenue.*

13. (a) *Pay of Officers.* +8,79

The principal factor in the increase is a growth of 10,35 under Taxes on Income, which is due to the institution of a central staff to perform work which was previously entrusted to provincial officers as agents of the central Government. Against this must be taken a considerable portion of the reduction shown under Establishment and other Charges payable to other Governments, etc. The gross cost of the new central establishments is, however, considerably greater than the payments previously made to the provinces; this being the price paid for a more efficient agency for the collection of revenue.

Under this sub-head, Customs shows an increase of 1,32, due mainly to the greater bulk and complexity of the work to be performed; while there is a decrease of 2,79 under Opium, caused by the restriction of poppy cultivation.

(b) *Sterling Leave Salary, Overseas Pay, Deputation Pay, etc.* —1,00

Payments under leave-salary and deputation pay are naturally subject to fluctuation. The principal decline occurred, however, under the head Forest, and was due to the cessation of allowances previously paid to Forest probationers in the United Kingdom.

(c) *Pay of Establishment* +19,10

There was a growth of 6,97 under Customs, due mainly to the increased bulk and complexity of the work to be performed.

An expansion of 10,35 under Taxes on Income is explained by the change of organisation mentioned in (a) above. It was partially set off by a reduction under Establishment and other Charges paid to other Governments, etc.

Salt shows an increase of 3,71, which is principally due to the centralisation of administration. Here also the agency of local Governments had previously been employed.

There is a fall of 2,46 under Opium, caused by the restriction of poppy cultivation, and minor variations under other heads.

(d) *Establishment and other Charges payable to other Governments, etc.* —12,91

The bulk of the charges recorded under this sub-head consists of true Establishment charges.

The principal factor in the fall of expenditure was a decline of 10,81 under Taxes on Income, which was due to the centralisation of the collection of revenue.

A fall of 1,76 under Customs was the result of a decision that the Salt Department should meet the entire cost of the combined Salt and Customs establishment in the Bombay Presidency.

(e) *Deduct — Establishment and other Charges recovered from other Governments, etc.* +8,86

This sub-head, in the case of this group, includes comparatively few Establishment charges proper.

The fall in recoveries is almost entirely due to a change of accounting methods in connection with the supply of Stamps to local Governments. As explained in the memorandum on Account No. 7 of Part II, the apparent growth of expenditure is purely nominal.

(f) *Allowances, Honoraria, etc.* +87

Expansion of establishments invariably involves an increase of expenditure under Allowances. As was to be expected, there has been a growth of 1,54 under Taxes on Income, partially counter-balanced by a fall under Opium.

(g) *Pensions, etc., of Government servants* +78

This is a transfer, from the head Superannuation Allowances and Pensions, of the pensionary charges of the Salt Department; being a necessary result of the commercialisation of the departmental accounts.

(h) *Works.* —1,48

The decrease is due to the slackening of the programme of construction of Salt works in Northern India.

(i) *Purchase of Stock.* —1,64,78

Under this sub-head are included purchases of Salt, Opium and Stamps for re-sale to local Governments and to members of the public. Of the decline in expenditure, as much as 1,55,85 occurred under Opium and was due to the reduction of requirements owing to the restriction of the export of opium. A fall of 6,02 under Stamps resulted from the cessation of purchases when the Security Printing Press came into full work. Finally, smaller purchases of Salt led to a decline in expenditure of 2,91.

(j) *Other Supplies and Services and Contingencies.* +2,87

There was an increase of 1,92 under Customs and of 2,17 under Taxes on Income, set off by a fall of 2,18 under Opium. The increases are due to the same causes which occasioned the corresponding rises under the establishment sub-heads of account.

(k) *Service of Debt.* +1,73

The Salt Department, as a commercial department, is required to pay interest on the capital invested in its works, and the growth of expenditure under this sub-head is mainly due to the increase of such investments. A sum of 56 represents, however, a new charge on account of interest on the money locked up in Salt stocks. This is a mere transfer from the Interest head of account.

(l) *Deduct—Probable Savings* —5,50

The contemplated savings must be distributed over the other sub-heads in the table, and may therefore operate to lessen increases or to enhance decreases of expenditure shown against individual sub-heads.

14. In summarising the reasons for the decrease of 1,42,87 in the expenditure on this group of services, it may be said that the principal factor was the restriction of Opium cultivation and export which, with the cessation of purchase of Stamps and smaller outlay on the acquisition of Salt, led to a fall of 1,64,78 under the sub-head Purchase of Stock. Omitting this factor, there remains for explanation a growth of 21,91, of which 8,60 is a nominal increase under the head Stamps. The bulk of the balance is due to increased expenditure under the Establishment sub-heads in connection with the collection of revenue from Customs, Taxes on Income and Salt; partially reduced by a decline under the same sub-heads in the case of Opium. The expansion under Customs,

which amounted to about 7½ lakhs, was due to the development of work in bulk and complexity. The growth of approximately 11½ lakhs under Taxes on Income and 4 lakhs under Salt was mainly the result of centralisation of administration; while the restriction of poppy cultivation caused a fall of 5½ lakhs under Opium. The relation of the cost of collection to the revenue collected is discussed in the relevant memoranda in Part II, to which a reference is invited.

*Expenditure of the Government of India proper—Group B; Debt Services.*

15. The figures of this group have been elaborately analysed in the memoranda printed as Accounts Nos. 11 and 12 in Part II of this review, and it appears unnecessary to repeat the analysis here. The outstanding cause of the decrease of expenditure charged to the civil budget is the fact that the commercial departments of Government are debited with interest at full rates on all capital supplied for their use, from whatever source it may be provided. During the period under review, Government was in a position to finance capital outlay to a great extent from funds on which it paid either no interest at all or interest lower in rate than that which it recovered from the commercial departments. As a result, there were large transfers of interest, to the Railway Department in particular, which were not counter-balanced by increased payments of interest to the public. This factor, assisted by some decline in the rates of interest paid by Government, more than outweighed the effect of the new sums actually borrowed during the period.

*Expenditure of the Government of India proper:—Group C; Currency and Mint.*16. (a) *Pay of Establishment.* +5,01

There has been an increase, during the period, of 3,93 under Currency and 1,08 under Mint. The bulk of the latter is due to expansion of staff in the Calcutta Mint owing to the concentration of coinage in that Mint and the larger demand for small coin. Of the growth under Currency, about 1,67 resulted from a revision of pay, introduced in the course of 1924-25, which did not take full effect until later years. The bulk of the balance represents the cost of the establishment of the Currency Note Printing Press at Nasik, which is more than set off by the fall in expenditure on the purchase of notes,

*(b) Allowances, etc.* +48

This is mainly the result of the grant of compensatory allowances to the establishments serving in the expensive cities of Bombay and Calcutta.

*(c) Works.* +1,12

The increase is almost entirely due to provision for the construction of a new Currency Office in Lahore. Had this been undertaken in 1924-25, when the Punjab Government constructed central public works as an agent of the Government of India, it would have been debited to the head Civil Works.

*(d) Purchase of Stores.* +10,28

Of the increase, about 1,15 occurred under Mint, being due to the establishment of the silver refinery in Bombay. The balance of the growth is mainly due to the institution of the Currency Printing Press at Nasik, and is far more than off-set by the fall in expenditure on the purchase of notes which is recorded under the sub-head Purchase of Stock.

*(e) Purchase of Stock.* —29,76

The decrease is due to the absence of provision for the purchase of currency notes, such notes being now manufactured at Nasik.

*(f) Other Supplies and Services and Contingencies.* +4,07

The bulk of this increase is the result of the institution of the Nasik Press, partly set off by reductions elsewhere. There was a small growth under Mint due to the increased activity in Calcutta.

*(g) Loss on Coinage.* +4,27

This was due to the heavy withdrawals from circulation of rupees declared to be uncurrent in order to feed the Bombay refinery. It represents, of course, the difference between the face value and the bullion value of the rupees withdrawn.

*(h) Remittance of Treasure.* +1,41

The increased return of rupees from circulation and the large remittances of uncurrent coin to the Mints were the cause of this growth.

*(i) Service of Debt.* +1,39

This represents the interest on the capital invested in the Currency Note Printing Press at Nasik.

17. In summarising the course of expenditure under Currency and Mint, it may be said that two principal factors

operated upon it during the period under review. There was a large saving under Currency, due to the institution of the Nasik Press to manufacture currency notes, which were previously purchased in England; and increased expenditure under Mint, which resulted from the institution of the silver refinery in Bombay, the withdrawal of old rupees to feed it and greater activity in the minting of small coin in Calcutta. The saving under Currency was to some extent reduced by the revision of pay of establishments, the construction of a new office at Lahore and increased charges for the remittance of treasure; with the result that the *net* saving under that head was almost counter-balanced by the increased outlay under Mint.

*Expenditure of the Government of India proper:—Group D; Pensions, etc., of Government servants.*

18. The expenditure on this group is very fully analysed in Account No. 68 of Part II of this review, and I would invite attention to the summary incorporated in paragraph 18 of the memorandum on that account, which it seems unnecessary to reproduce in this Part. A minor point, to which reference is made in paragraph 14 of the same memorandum, is that the Government of India possess no satisfactory statistics from which to calculate the period for which a pensioner, particularly of the subordinate or clerical staff, may be expected to live to enjoy his pension. With this must be coupled the entire absence of statistics showing the proportion of Government servants, in various grades and types of employment, who actually serve long enough to earn pensions of various classes. Some results of the former deficiency are suggested in paragraph 14 of the memorandum. Both deficiencies must be made good before it will be possible to calculate the present value of the pensionary chances of a new recruit entering a service; to make a correct comparison of the respective values of pensionary and provident fund benefits or to fix with any approach to accuracy the contribution towards pension which should be paid by the employer of a Government servant in foreign service. In neither case would the collection of the requisite statistics present any real difficulty, and it seems most desirable that it should be initiated at once.

*Expenditure of the Government of India proper:—Group (E); Civil Administration and Miscellaneous.*

19. It is to this group that the seeker after economy must primarily direct his attention, and the expenditure covered by it must therefore be analysed in rather greater detail than that of the other groups. I propose, in my analysis, to follow the same procedure as in the case of groups A and C; first examining the more important variations under individual sub-heads and then attempting a summary of the principal causes which have led to increased outlay.

20. (a) *Pay of Officers.* +25,57

The more important variations under particular sub-heads are briefly explained below. If greater detail is desired, reference should be made to the relevant memoranda in Part II.

- (i) The expansion of work in the Government of India Secretariats has led to an increase of 2,08, to which must be added a growth of 83 on account of the institution of the Legislative Assembly Department.
- (ii) The creation of the Public Service Commission is responsible for a rise of 2,57.
- (iii) The expansion of the staff of the High Commissioner to meet the growth of work has caused an increase of 9,39. This includes, besides Pay of Officers, the pay of certain Establishments and some Allowances which are not properly debitable to this sub-head. Separate details are, however, not available.
- (iv) An increase of 6,16 under Accounts and Audit is due partly to the separation of the two functions in respect of military accounts and of those of certain civil offices; partly to the creation of the Commercial Audit Department; and partly to the general development of accounts work. It is analysed very fully in the memorandum on Account No. 34 in Part II of this volume.
- (v) The centralisation of the administration of shipping and navigation and the inauguration of the training ship 'Dufferin' are the main causes of a rise of 2,86 under Ports and Pilotage.

(vi) Under Ecclesiastical, there is a nominal decrease of 6,11, set off by increased expenditure under the sub-heads Sterling Overseas Pay and Grants-in-Aid.

(vii) A rise of 2,34 occurred under the Scientific Departments. Of this, 1,05 under Meteorology is mainly due to the requirements of Aviation; 58 under Geological Survey to the filling of vacant posts and 71 under Archæology to the extension of the activities of the department.

(viii) There is a growth of 3,99 under the Indian Stores Department, due to the development of its operations. Under the accounts system hitherto in force, this expenditure was passed on to the departments for which purchases were made, the recoveries being credited as revenue of the Stores Department.

(ix) An increase of 1,69 was due to the appointment of more expensive commissions and committees of inquiry.

(b) *Sterling Leave Salary, Overseas Pay, Deputation Pay, etc.* +8,02

There has been a largely nominal increase of 2,56 under Ecclesiastical, due to the replacement of rupee pay by sterling overseas pay. A great part of the balance is due to the same cause operating under other heads; but the expenditure on leave-salary and deputation pay inevitably varies from year to year with the number of Government servants on leave and deputation in the United Kingdom. The more important variations were—

General Administration . . .	—1,79
Ports and Pilotage . . .	+2,53
Political and Frontier Watch and Ward . . .	+2,19
Scientific Departments . . .	+1,18
Medical Services . . .	+77
Stationery and Printing . . .	+90

(c) *Pay of Establishment.* +63,85

As will be shown below, a considerable portion of this increase is not a true growth of expenditure, as it is set off by an increase of recoveries under the sub-head *Deduct—Establishment* and



other Charges recovered from other Governments, etc. To the gross figure of 63,85, the following are the principal contributors :—

- (i) There has been an increase of 5,36 under the Government of India Secretariat; due partly to the employment of new staff owing to the expansion of work and partly to the accrual of increments to assistants and clerks who were newly engaged shortly before the commencement of the period under review.
- (ii) The institution of the Legislative Assembly Department has caused a rise of 2,11 and that of the Public Service Commission a growth of 53.
- (iii) There has been a very large increase of 26,52 under Accounts and Audit, partially set off by a growth of 2,18 in recoveries. The causes of the increase are very fully analysed in the memorandum on Account No. 34 of Part II of this volume, and it should suffice to summarise them here. The principal factors operating were the following :—
- (1) The institution of a Commercial Audit Department and of temporary offices to handle the accounts of big construction projects.
  - (2) The beginning made in the separation of Accounts from Audit.
  - (3) The expansion of establishments owing to the growth of accounts work.
  - (4) The accrual of increments to the large additional staff engaged shortly before the commencement of the period under review.
- (iv) The Scientific Departments taken together show an increase of 5,06. Of this, as much as 3,13 occurred under Survey of India, and is largely set off by the deduction of 3,72 made for probable savings in the budget of that Department. The expansion of the Meteorological Department, mainly in the interests of Aviation, caused a growth of 1,14, and that of the Archæological Department an increase of 79.
- (v) Under Political and Frontier Watch and Ward there has been a rise of 6,30. The main causes of the growth have been the assumption by the central Government of direct relations with certain States of Western India, minor increases in establishment elsewhere, the revision of pay and the accrual of increments.
- (vi) An increase of 4,68 under the Indian Stores Department is almost entirely nominal, being counterbalanced by recoveries from other departments supplied with stores, which are credited as revenue of the Stores Department. The true increase has been in the provision made for Supplies and Services and Contingencies in the budgets of the departments supplied.
- (vii) There is a nominal growth of 5,97 under Stationery and Printing, which is entirely covered by an increase of recoveries taken into account under the sub-head *Deduct—Establishment and other Charges recovered from other Governments, etc.*
- (viii) Civil Works show an increase of 1,18, set off by a fall of 1,20 in Establishment Charges paid to other Governments.
- (d) *Establishment and other Charges payable to other Governments, etc.* —5,25
- The bulk of the charges recorded under this sub-head represents the central Government's share of the cost of the military police debited to Frontier Watch and Ward in Burma and Assam. There has been a fall of 2,24 under that head, and of 2,52 under Stationery and Printing; the latter being due to a reduction in payments for printing work done for the Government of India by local Governments. A decline of 1,20 under Civil Works has been mentioned against item (c) above.
- (e) *Deduct—Establishment and other Charges recovered from other Governments, etc.* —29,23
- The reasons for the greater part of the increased recoveries will be apparent from a perusal of the list in paragraph 10 of this report, as modified by the relevant items of the corresponding list in paragraph 7. As will be apparent

from the items recorded in those lists, recoveries of establishment and of other charges are inextricably mingled in the lists; the recoveries concerned constituting reductions under the five sub-heads Pay of Officers, Pay of Establishment, Purchase of Stores, Purchase of Stock and Supplies and Services and Contingencies. It may, however, fairly be said that the bulk of the recoveries constitute true reductions of the expenditure under Pay of Establishment. Apart from the items mentioned in the two lists, the only important variation was a decline of 7,20 in the recoveries under Political, due mainly to a change in the method of accounting for the cost of Diplomatic and Consular Services in Persia.

(f) *Allowances, Honoraria, etc.* +16,27

This increase is spread in very level fashion over a number of the heads included in this group. A special feature was the grant during the period of compensatory allowances to certain officers and establishments stationed in expensive seaport towns, which led to additional expenditure of about 3 lakhs of rupees. Another minor cause of increase was the grant in certain cases of grain compensation allowance; while the extension of Survey operations to difficult country and the development of travelling in connection with local audit were further contributory factors. The bulk of the expansion was, however, due to the growth of staff, with its inevitable accompaniment of larger travelling and other allowances.

(g) *Grants-in-aid, Subsidies, etc.* +26,60

The following are the principal factors in this increase:—

- (i) There is a new recurring grant of 6,68 for Agricultural research and establishment.
- (ii) Under Education, there is an increase of 2,25 in the shape of recurring grants to the Benares and Aligarh Universities, and of 1,93 in pursuance of the five-year programme of development.
- (iii) The annual grant to the Indian Research Fund Association amounts for 7,50.
- (iv) The development of Civil Aviation is responsible for 5,08.
- (v) There is a nominal increase of 3,68 under Ecclesiastical, counterbalanced by a decline under the sub-head Pay of Officers.

(vi) Under the Miscellaneous head there is a decrease of 1,55, due to the reduction of the contribution paid towards the expenses of the League of Nations.

(h) *Works.* +15,94

The rise under this sub-head is entirely due to the expansion of Civil Aviation. The budget of 1929-30 made provision of 17,04 for expenditure on this service, against outlay of 3 in 1924-25.

(i) *Purchase of Stock.* +15,28

This increase is purely nominal. There is a fall of 1,42 under Botanical Survey, due to the cessation of the purchase of cinchona bark, and a growth of 16,70 under Stationery and Printing, due to larger purchases of stationery for distribution, which is counterbalanced by increased recoveries taken to the sub-head *Deduct—Establishment and other Charges* recovered from other Governments, etc.

(j) *Other Supplies and Services and Contingencies.* +15,65

Of the increase of expenditure, 1,06 under the Indian Stores Department is covered by countervailing revenue, and 2,66 under Miscellaneous represents greater outlay upon commissions and committees of inquiry. The balance is distributed over various heads of account, and may be ascribed to the general expansion of establishments and growth of work. Among the principal contributors are the heads Accounts and Audit, Survey of India, Archaeology, Meteorology and Agriculture. A portion of the growth is, however, counterbalanced by an increase in Recoveries [item (e) above].

(k) *Contributions to Depreciation, etc., Funds.* +6,04

A charge of 3,64 represents provision for payments into the newly-instituted Reserve Funds for Lighthouses and Lightships, which are described in paragraph 3 (b) of the memorandum on Account No. 38 of Part II. The balance of 2,40 is due to the institution of Depreciation Funds for the Government Presses under the head Stationery and Printing.

(l) *Miscellaneous.* +13,70

Of this increase, as much as 5 lakhs represents the reserve placed at the disposal of the Finance Department as a provision against urgent and unforeseen expenditure. Of the balance, the two most important items are a provision of 1,20 for the hire of a despatch vessel.

for the Political Agent in the Persian Gulf and a growth of 1,44 in miscellaneous charges, such as Suspense, under the head Civil Works.

(m) Deduct—*Probable Savings*. —17,66

These savings must be distributed over the sub-heads discussed above, and may therefore operate to reduce excesses or to enhance decreases of expenditure shown against individual sub-heads.

21. Of the total increase of 1,51,09 recorded in Group E, as much as 1,08,46 must be ascribed to the five principal establishment heads,—Pay of Officers, Sterling Leave Salary, etc., Pay of Establishment, Establishment and other Charges payable to other Governments, etc., and Allowances. The figure will be reduced to the neighbourhood of 95,00 by taking into account the appropriate share of the increase in recoveries from other Governments and non-civil departments, and to 88,00 if we assign to it 7 lakhs out of the provision for probable savings made in the budget for 1929-30. Even so, it will be seen that about 58 *per cent.* of the *net* increase in expenditure represents enhanced payments to Government servants in the shape of emoluments of various kinds. A further 17 *per cent.* is the result of increased Grants-in-aid, mainly in connection with Agriculture, Education, Public Health and Aviation. Purchase of Stock and Other Supplies and Services taken together are responsible for about 20 *per cent.*; which will be reduced by two-thirds when these sub-heads are credited with their approximate share of Recoveries. Finally, another 10 *per cent.* must be attributed to Works; the new expenditure being entirely due to the development of Civil Aviation.

22. In view of the very important place in the growth of expenditure which is occupied by enhanced emoluments of Government servants, it seems very desirable to examine the principal causes which ordinarily influence such growth. The most prominent of such causes are three in number :—

- (i) The employment of additional staff.
- (ii) The revision of pay and allowances.
- (iii) The effect of time-scale increments accruing to existing staff.

The first and third of these are the responsible factors in the present case. There have been very few important revisions of pay during the period under

review; though the extension of Leave concessions and the grant of compensatory allowances to Government servants stationed in certain important cities have led to some increased expenditure under Allowances.

23. The principal expansions of staff which have taken place during the six years' period occurred under the following heads :—Government of India Secretariats, Public Service Commission, Accounts and Audit, Ports and Pilotage and Lighthouses and Lightships, Survey of India, Meteorology, Agriculture and the Indian Stores Department. The growth under Secretariats, Survey of India and the Indian Stores Department and a portion of the rise under Accounts and Audit may be ascribed to the general increase of current work, which necessitated the employment of additional personnel. In the remaining cases, the growth of staff was due to the assumption by Government of new responsibilities or the adoption of more efficient methods of performing old duties.

24. The effect of time-scale increments upon the pay of existing incumbents is particularly marked in the case of the Accounts and Audit staff, which was very greatly augmented in the years immediately preceding the period under review. A minor instance of the same kind is that of the Government of India Secretariats. The effect of increments in such cases is very considerable, particularly where clerical establishments are concerned. In certain of the ministerial time-scales, the initial pay doubles after no more than five years of service, and examples in which it doubles after eight years are common. The growth of expenditure due to accrual of increments in the single year 1929-30 for all groups of the central Government proper has been roughly calculated to have amounted to 3,92 in the case of Officers and to 7,15 under Establishments. It is clear that this type of increase must, in the case of comparatively recent additions to staff, continue to recur steadily for some years to come; although the lack of adequate service tables, to which I have already alluded in paragraph 18 of this review, makes it impossible to give any reliable estimate of the period for which the steady growth will continue. It is necessary to know, for this purpose, the average term for which a new recruit to a particular establishment or service will continue to serve in it. There is, however, as indicated in paragraph 7 (b) (iv) of the memorandum on

Account No. 34 in Part II of this volume, every reason to suppose that the assumption that every recruit will serve until he reaches the maximum pay of his scale, which underlies the current *formulae* for the calculation of the average pay of a post on a time-scale is, in the case of clerical services at any rate, based upon a very doubtful foundation. However that may be, it is obvious that the increments of the new staff mentioned at the beginning of the foregoing paragraph must operate to increase the expenditure of the central Government for many years to come.

### EXPENDITURE OF THE MINOR ADMINISTRATIONS.

25. The progress of the expenditure of the six minor administrations taken together is not in itself a matter of very great interest. Far more importance attaches to the review of the revenue and expenditure of each of the administrations as a separate unit, which has been attempted in Part III of this volume. I do not therefore propose to enter into very great detail in the general review which I shall undertake in this part.

26. Of the five groups of account heads adopted in the case of the outlay of the Government of India proper, no more than three find a place in a review of the expenditure of the minor administrations. There are no charges under Currency and Mint; while such Interest payments as

are made are debited to the two heads Forest and Irrigation and are therefore included in the groups to which those heads appertain.

27. A table on the lines of Table C has been prepared for the minor administrations and is placed below. It should, however, be emphasised that the table is defective in the following respects:—

- (a) It includes the expenditure on buildings and communications which properly relates to the central head Frontier Watch and Ward. Such expenditure, so far as the year 1924-25 is concerned, is not separable from the outlay on ordinary civil works.
- (b) It includes no sterling expenditure, since the English outlay of the minor administrations is not distinguished in the accounts from that of the Government of India proper.
- (c) The figures under Superannuation Allowances and Pensions are not a true measure of the pensionary charges of the administrations. They represent the cost of those pensions only which are actually disbursed from the treasuries of the administrations. There must be a large number of pensioners of these miniature provinces drawing pensions from treasuries in other parts of India.

TABLE E.

	A			D			E			Total.		
	Direct Demands on the Revenue.			Pensions, etc., of Government servants.			Civil Administration and Miscellaneous.					
	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Difference.
Pay of Officers	1,50	1,86	+36	..	..	..	23,58	29,15	+5,57	25,08	31,01	+5,93
Pay of Establishment	9,32	10,86	+1,54	..	..	..	65,63	79,03	+13,40	74,95	89,89	+14,94
Establishment and other Charges paid to other Governments, etc.	1,48	8	-1,40	..	..	..	16,31	19,85	+3,54	17,79	19,93	+2,14
Deduct—Establishment and other Charges recovered from other Governments, etc.	..	-19	-19	..	..	..	-1,03	-1,57	+36	-1,93	-1,76	+17
Allowances, Honoraria, etc.	1,98	2,49	+51	..	..	..	12,94	18,43	+5,49	14,92	20,92	+6,00
Pensions, etc.	..	..	..	8,19	11,65	+3,46	1,13	1,09	-4	9,32	12,74	+3,42
Grants-in-Aid, Subsidies, etc.	..	..	..	..	..	..	29,71	42,18	+12,47	29,71	42,18	+12,47
Assignments and Compensations	37	8,74	+8,37	..	..	..	1,83	1,83	..	2,20	10,57	+8,37
Works	15,11	22,86	+7,75	..	..	..	81,43	1,72,99	+91,56	96,54	1,95,85	+99,31
Supplies and Services and Contingencies	1,20	4,09	+2,89	..	..	..	45,54	49,78	+4,24	46,74	53,87	+7,13
Service of Debt	..	19	+19	..	..	..	11,98	12,28	+30	11,98	12,47	+49
Contributions to Depreciation, etc., Funds	..	..	..	..	..	..	..	4	+4	..	4	+4
Miscellaneous	..	..	..	..	..	..	5,22	1,82	-3,40	5,22	1,82	-3,40
Deduct—Probable Savings	..	..	..	..	..	..	..	-9,03	-9,03	..	-9,03	-9,03
<b>Total</b>	<b>30,98</b>	<b>50,98</b>	<b>+20,02</b>	<b>8,19</b>	<b>11,65</b>	<b>+3,46</b>	<b>2,93,37</b>	<b>4,17,87</b>	<b>+1,24,50</b>	<b>3,32,52</b>	<b>4,80,50</b>	<b>+1,47,98</b>

28. In this case also adjustments must be made before the expenditure of the two years can properly be compared.

The more important items of unusual expenditure which occurred in 1924-25 were as follows :—

Group (see paragraph 6 above).	Sub-head.	Item.	Amount (in Rs. 000).
E	Establishment and other Charges paid to other Governments, etc.	Arrears of leave-salary paid to provincial Governments	1,86
E	Grants-in-Aid, etc.	Special grants made in Bangalore	2,67
E	Do.	Grants for water supply in the North-West Frontier Province	90
E	Works	Expenditure under Irrigation due to erosion at Dera Ismail Khan	4,26
E	Miscellaneous	Irrecoverable loans written off in Baluchistan	3,63
Total			13,22

29. The noteworthy items of unusual and non-recurrent expenditure for which

provision was made in the budget of 1929-30 are listed below :—

Group (see paragraph 6 above).	Sub-head.	Item.	Amount (in Rs. 000).
E	Pay of Officers	Irrigation Survey in the North-West Frontier Province and Baluchistan	45
E	Pay of Establishment	Ditto	39
E	Allowances, etc.	Ditto	38
E	Grants-in-Aid, etc.	Non-recurrent grants under Education	1,24
E	Do.	Non-recurrent grant to the Lady Hardinge Hospital	21
E	Works	Irrigation expenditure in Baluchistan	3,19
E	Do.	Irrigation expenditure in the North-West Frontier Province	2,00
E	Do.	Irrigation Survey in the North-West Frontier Province and Baluchistan	20
E	Do.	Outlay on the development of the Andaman Islands	4,30
E	Do.	Works under Medical Services in Bangalore	48
E	Supplies and Services and Contingencies.	Irrigation Survey in the North-West Frontier Province and Baluchistan	47
Total			13,31

30. No important charges were transferred between the civil and the military and other budgets. Items in the civil

budget for 1929-30 which were covered by increase of revenue were as follows :—

Group (see paragraph 6 above).	Sub-head.	Item.	Amount (in Rs. 000).
A	Assignments and Compensations	Cash assignments and grain allowances in Baluchistan, formerly taken by deduction from expenditure under Land Revenue, now credited as revenue	58
A	Ditto	Payments to the Governments of the United Provinces and the Punjab in respect of loss of still-head duty on liquor imported from those provinces	7,64
A	Supplies and Services and Contingencies.	Cost of opium supplied to the Excise Department, formerly credited to a remittance head of account, now credited as revenue under Excise	1,29
E	Deduct — Establishment and other Charges recovered from other Governments, etc.	Recoveries in the North-West Frontier Province under Medical Services, formerly deducted from expenditure, now credited as revenue	48

Group (see paragraph & above).	Sub-head.	Item.	Amount (in Rs. 000).
E	Allowances, etc.	Recoveries of copying fees under General Administration in the North-West Frontier Province, previously deducted from expenditure, now credited as revenue	85
E	Supplies and Services and Contingencies.	Cost of priced publications of Government, credited as revenue under Stationery and Printing . . . . .	7
E	Ditto . . . . .	Recoveries in the Andamans under Jails and Convict Settlements, formerly credited as revenue, now deducted from expenditure . . . . .	-3,59
Total . . . . .			7,32

31. The next step is to re-construct Table E, taking into account the adjustments suggested in the three preceding

paragraphs. When this is done, the table will read as follows:—

TABLE F.

	A			D			E			Total.		
	Direct Demands on the Revenue.			Pensions, etc., of Government servants.			Civil Administration and Miscellaneous.					
	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Difference.	1924-25.	1929-30.	Difference.
Pay of Officers . . . . .	1,50	1,86	+36	..	..	..	23,58	28,70	+5,12	25,08	30,56	+5,48
Pay of Establishment . . . . .	9,32	10,86	+1,54	..	..	..	65,63	78,64	+13,01	74,95	89,50	+14,55
Establishment and other Charges paid to other Governments, etc. . . . .	1,48	8	=1,40	..	..	..	14,45	19,85	+5,40	15,93	19,93	+4,00
Deduct — Establishment and other Charges recovered from other Governments, etc. . . . .	..	=19	=19	..	..	..	-1,93	-2,05	-12	-1,93	-2,24	-31
Allowances, Honoraria, etc. . . . .	1,98	2,49	+51	..	..	..	12,94	17,20	+4,26	14,92	19,69	+4,77
Pensions, etc. . . . .	..	..	..	8,19	11,65	+3,46	1,13	1,09	-4	9,32	12,74	+3,42
Grants-in-Aid, Subsidies, etc. . . . .	..	..	..	..	..	..	26,24	40,73	+14,49	26,24	40,73	+14,49
Assignments and Compensations . . . . .	37	52	+15	..	..	..	1,88	1,83	..	2,20	2,35	+15
Works . . . . .	15,11	22,86	+7,75	..	..	..	77,17	1,62,82	+85,65	92,28	1,85,68	+93,40
Supplies and Services and Contingencies . . . . .	1,20	2,80	+1,60	..	..	..	45,54	52,83	+7,29	46,74	55,63	+8,89
Service of Debt . . . . .	..	19	+19	..	..	..	11,98	12,28	+30	11,98	12,47	+49
Contributions to Depreciation, etc., Funds . . . . .	..	..	..	..	..	..	..	4	+4	..	4	+4
Miscellaneous . . . . .	..	..	..	..	..	..	1,59	1,82	+23	1,59	1,82	+23
Deduct—Probable Savings . . . . .	..	..	..	..	..	..	..	-9,03	-9,03	..	-9,03	-9,03
<b>Total . . . . .</b>	<b>30,98</b>	<b>41,47</b>	<b>+10,51</b>	<b>8,19</b>	<b>11,65</b>	<b>+3,46</b>	<b>2,80,15</b>	<b>4,06,75</b>	<b>+1,26,60</b>	<b>8,19,30</b>	<b>4,59,87</b>	<b>+1,40,57</b>

32. As in the case of the expenditure of the central Government proper, I shall discuss the outlay of the minor administrations under the three groups separately, working on the figures of Table F.

*Expenditure of the Minor administrations*  
—Group A; direct demands on the revenue.

33. The more important variations under individual sub-heads are discussed below :—

(a) Pay of Officers . . . +36

This growth is the combined result of minor increases, mainly under Forest in the North-West Frontier Province and the Andamans.

(b) Pay of Establishment . +1,54

The principal factors are the engagement of extra staff under Excise in the North-West Frontier Province to prevent the smuggling of *charas*, which is responsible for 21; additional staff, costing 25, employed as a result of the transfer of *Nazul* lands in Delhi from the control of the Municipality to that of Government; the expansion of Forest establishments in the North-West Frontier Province (46) and minor increases of staff and accrual of increments everywhere (44).

(c) Establishment and other Charges paid to other Governments, etc. . . . —1,40

The decline is due to a temporary lull in settlement operations in the North-West Frontier Province.

(d) Allowances, Honoraria, etc. . . . +51

As much as 33 of the increase occurred under the head Land Revenue, being fairly equally divided between the North-West Frontier Province and Baluchistan. There was a growth of 15 under Excise. No particular cause for the increase is traceable, but it must be due, to some extent, to expansion of staff.

(e) Works . . . +7,75

The bulk of the increase represents Forest development in the Andamans.

(f) Supplies and Services and Contingencies. . . +1,60

About 77 of the increase occurred under Forest, and is due largely to the development of the forests in the Andamans. A great part of the balance occurred under Excise, and is the result of the extension of activities, particularly in the North-West Frontier Province and Baluchistan.

34. Of the net increase of 10,51 under this group, nearly 74 per cent. is due to the development of Forest works, mainly in the Andamans. The five establishment heads taken together account for no more than 8 per cent.; while about 16 per cent. represents increased expenditure under Supplies and Services and Contingencies.

*Expenditure of the minor administrations*  
—Group D; pensions of Government servants.

35. As already explained, the expenditure under this group is not a correct measure of the outlay on the pensions of retired servants of the minor administrations. A great number of such pensions must be disbursed from treasuries in other parts of India, since the majority of the administrations draws largely on other provinces for the personnel of its services. The apparent increase in the figures actually recorded in the table is not a true increase. It is due to a change of procedure under which, while the pensions of *ex-employés* of the Posts and Telegraphs Department are charged in the civil accounts of the provinces in which they draw them, the recoveries from that Department are credited in the accounts of the Government of India proper.

*Expenditure of the minor administrations*  
—Group E; Civil Administration and Miscellaneous.

36. (a) Pay of Officers . . +5,12

The following are the principal items which contributed to this increase :—

- (i) There is a rise of 1,34 under Irrigation, due mainly to the expansion of staff in the North-West Frontier Province and Baluchistan. In the latter province, as much as 50 was provided in 1929-30 for an experimental and temporary staff.
- (ii) In a growth of 96 under General Administration the principal factors were an increase of the pay of the Chief Commissioner of the North-West Frontier Province, minor increases of staff in Delhi and elsewhere, and the accrual of increments.
- (iii) Under Administration of Justice, there was a rise of 72. About half of this was due to

the appointment of an additional Judicial Commissioner in the North-West Frontier Province; and 29 to the transfer from the head Political of the cost of an officer in Baluchistan.

- (iv) An increase of 72 under Education is in the main the result of the five-year programme of development.
- (v) A growth of 59 under Medical Services may be ascribed to the appointment of more highly paid officers in the North-West Frontier Province and to minor changes and the accrual of increments elsewhere.

(b) *Pay of Establishment* . . . +13,01

The following are among the more important factors contributing to the increase :—

- (i) There was a growth of 3,50 under Police. A great part of this was due to the expansion of establishment in the North-West Frontier Province and to revision of pay in that province on Punjab lines. In Delhi also there was considerable expansion of staff, as well as revision of pay; and the Baluchistan budget contributed to the rise by the insertion of an excessive provision for leave-salary. These factors were partially counterbalanced by a nominal reduction of 1,74 in the Western India States Agency, due to an incorrect debit in the accounts of 1924-25.
- (ii) Under Education, the five-year programme of development caused an increase of 2,25.
- (iii) Increases of 1,34 under General Administration, 1,07 under Medical Services, 1,53 under Jails and Convict Settlements and 98 under Administration of Justice were due to general expansion of staff and accrual of increments in all the minor administrations.
- (iv) Irrigation shows a growth of 74, due to the causes recorded against the sub-head Pay of Officers.

(c) *Establishment and other Charges paid to other Governments, etc.* . . . +5,40

Of this increase, as much as 4,70 occurred under the head Civil Works, and represents increased payments to the Military Engineer Services and the New Capital budget in Delhi for work executed for the North-West Frontier Province and Baluchistan in the one case and for the province of Delhi in the other. These were the natural result of the expansion of the works programme in those areas.

(d) *Allowances, Honoraria, etc.* . . . . . +4,26

This is the inevitable result of the expansion of staff in the various departments, which invariably leads to greater outlay on Allowances. Police, with 1,49; Irrigation, with 71; Jails and Convict Settlements, with 59; and Education, with 68, were the principal contributors.

(e) *Grants-in-Aid, etc.* . . . +14,49

A growth of 10,92 represents grants-in-aid payable under the five-year programme of educational development; while 3 lakhs in all were provided in the budget of 1929-30 for the improvement of water mains and the development of slum areas in Delhi city.

(f) *Works* . . . . . +85,65

The reduced figure of increase resulting from the adjustments described in paragraphs 28 to 30 above is almost entirely due to the expansion of expenditure under the head Civil Works. As already explained, the outlay recorded under that head in Table F includes the expenditure on buildings and communications under the head Frontier Watch and Ward in the North-West Frontier Province and Baluchistan, which should properly be a central charge. The amount of the provision made for such works in the budget for 1929-30 was 44,79 for the former and 7,61 for the latter administration; or a total of 52,40. Separate figures for charges of this kind in the accounts of 1924-25 are not available.

The expenditure of each minor administration on Civil Works is analysed in the memoranda printed in Part III and it is unnecessary to go into great detail in this part also. The percentage shares of the four administrations concerned in the total increase under the head are approximately as follows :—

North-West Frontier Province	. . . . .	40
Baluchistan	. . . . .	17
Delhi	. . . . .	39
Ajmer-Merwara	. . . . .	4
Total	. . . . .	<u>100</u>



The bulk of the increase in the North-West Frontier Province and Baluchistan is due to the requirements of frontier protection ; though the completion of the new central jail in Baluchistan necessitated provision of 7½ lakhs. The growth in Delhi is almost entirely due to the development of the New Capital.

(g) *Supplies and Services and Contingencies* . . . +7,29

The greater part of the increase occurred under the head Jails and Convict Settlements. Some part of this was due to the development of the Andaman Islands as a free settlement, and the balance principally to the growth of the gaol population in the North-West Frontier Province, and, to a less extent, in Baluchistan. In addition, there was a rise of 91 under Administration of Justice and of 88 under Education, distributed over the administrations.

(h) *Deduct—Probable Savings* . . . —9,03

This deduction must be borne in mind when considering the increases recorded against the other sub-heads in Table F.

37. Omitting from consideration the provision for probable savings, the gross increase under this group of account

heads amounts to 1,35,63. Of this, Works contribute about 63 *per cent.*, the five sub-heads relating to emoluments of Government servants 20 *per cent.* and Grants-in-Aid, mainly under Education, 11 *per cent.* The growth under the sub-heads dealing with *personnel* was accelerated by very extensive additions to establishment and revisions of pay ; while the accrual of increments played a considerable part in bringing it about. Separate figures for each group of heads under the minor administrations are not available, but in the three groups taken together the effect of the accrual of increments was to increase the budget provision of 1929-30 over the expenditure of 1928-29 by about 62 under Pay of Officers and 69 under Pay of Establishment. If this is a fair measure of the annual growth from this cause, it must have led, during the six years' period, to an increase of nearly 8 lakhs of rupees. It must, however, have been to some extent set off by the effect of the retirement of Government servants who had reached the higher stages of the time-scales and their replacement by new recruits drawing far less pay.

J. E. C. JUKES,

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## **PART II**

**Containing Memoranda on individual major heads of account.**

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## TABLE OF CONTENTS.

	PAGEs.
1. Customs . . . . .	37—38
2. Taxes on Income . . . . .	39—40
3. Salt . . . . .	40—44
4. Opium . . . . .	44—45
5. Land Revenue . . . . .	45—46
6. Excise . . . . .	46—47
7. Stamps . . . . .	47—49
8. Forests . . . . .	49—51
9. Registration . . . . .	51
10. Irrigation . . . . .	51—52
11. Interest and Management of Debt . . . . .	53—58
12. Reduction or Avoidance of Debt . . . . .	58—59
13. Staff, Household and Allowances of the Governor-General . . . . .	59—60
14. Executive Council . . . . .	60
15. Legislative Bodies . . . . .	61—62
16. Public Service Commission and Staff Selection Board . . . . .	62
17. Foreign and Political Department . . . . .	62—63
18. Home Department—Main Office . . . . .	63—64
19. Home Department—Bureau of Public Information . . . . .	64—65
20. Home Department—Intelligence Bureau . . . . .	65—66
21. Legislative Department . . . . .	66—67
22. Department of Education, Health and Lands . . . . .	67—68
23. Finance Department, Ordinary Branch . . . . .	68—69
24. Finance Department (Military Finance) . . . . .	69—70
25. Commerce Department . . . . .	70—71
26. Army Department . . . . .	71—72
27. Industries and Labour Department . . . . .	72
28. Central Board of Revenue . . . . .	72—73
29. Secretariat of the Government of India . . . . .	73—75
30. Expenditure on General Administration incurred in India by the Minor Administrations . . . . .	75—77
31. Payments to Provincial Governments on account of the administration of Agency Subjects . . . . .	77
32. Sterling expenditure on the Establishments, etc., of the Secretary of State and the High Commissioner . . . . .	77—79
33. Expenditure in England on General Administration apart from that connected with the Establishments and offices of the Secretary of State and the High Commissioner . . . . .	79—80
34. Accounts and Audit . . . . .	80—90
35. Administration of Justice . . . . .	90—91
36. Jails and Convict Settlements . . . . .	91—93
37. Police . . . . .	94—95
38. Ports and Pilotage and Lighthouses and Lightships . . . . .	96—98
39. Ecclesiastical . . . . .	98—100
40. Political and Frontier Watch and Ward (Excluding Works) . . . . .	100—104
41. Survey of India . . . . .	104—105
42. Zoological Survey . . . . .	106
43. Botanical Survey . . . . .	106—107
44. Geological Survey . . . . .	107—108
45. Archæology . . . . .	108—109
46. Meteorology . . . . .	109—110
47. Mines . . . . .	110—111

	<b>PAGES</b>
48. Expenditure in India on other Scientific Departments . . . . .	. 111
49. Expenditure in England of the Scientific Departments . . . . .	. 111—112
50. Education . . . . .	. 112—114
51. Medical Services . . . . .	. 114—116
52. Public Health . . . . .	. 116—117
53. Agriculture and Co-operative Credit . . . . .	. 117—119
54. Civil Veterinary Department . . . . .	. 119—120
55. Industries . . . . .	. 121
56. Aviation . . . . .	. 121—122
57. Indian Stores Department . . . . .	. 122—124
58. Emigration—External . . . . .	. 124—125
59. Emigration—Internal . . . . .	. 125
60. Joint Stock Companies . . . . .	. 125—126
61. Commercial Intelligence and Statistics . . . . .	. 126—127
62. Other Miscellaneous Departments . . . . .	. 127—128
63. Sterling expenditure of Miscellaneous Departments . . . . .	. 128—130
64. Currency . . . . .	. 130—131
65. Mint . . . . .	. 131—133
66. Civil Works . . . . .	. 133—138
67. Territorial and Political Pensions . . . . .	. 138—139
68. Superannuation Allowances and Pensions . . . . .	. 139—145
69. Stationery and Printing . . . . .	. 145—148
70. Miscellaneous . . . . .	. 148—161
71. Extraordinary Payments . . . . .	. 161—162

Note.—In this part, unless the context indicates to the contrary, all sums which are not preceded by the sign "Rs." should be taken as representing thousands of rupees.

### Account No. 1.—Customs.

The following table shows the expenditure on the collection of Customs revenue

in each of the six years under review. For convenience of reference, the revenue collected is given at the foot of the table and the *net* revenue deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<b>CHARGES IN INDIA.</b>								
<i>Sea Customs.</i>								
Pay of Officers . . . . .	6,32,163	6,49,034	6,79,885	6,94,199	6,88,978	7,50,095	1,17,933	..
Pay of Establishment.	40,89,189	42,03,592	43,17,140	43,96,592	44,73,146	47,41,901	6,52,802	..
<i>Deduct—Contributions and other recoveries.</i>	—67,449	—73,286	—76,447	—58,606	—45,021	—54,367	13,082	..
Establishment charges paid to other Governments, etc. . . . .	3,43,806	1,24,143	1,46,826	1,55,770	1,49,770	1,68,100	..	1,75,706
Allowances, Honoraria, etc. . . . .	11,93,233	12,06,045	11,75,487	12,42,433	12,37,237	12,95,441	1,02,208	..
Supplies and Services and Contingencies . . . . .	4,22,616	5,80,856	4,18,588	5,20,778	5,24,951	5,53,250	1,30,634	..
Grants-in-Aid, etc. . . . .	73,500	78,260	76,468	1,01,054	2,08,060	3,46,760	2,73,260	..
<i>Deduct—Probable Savings . . . . .</i>	..	..	..	..	..	—98,000	..	98,000
<i>Land Customs . . . . .</i>	1,64,865	2,19,994	2,23,794	2,49,787	3,09,801	3,27,730	1,62,865	..
<i>Compensations . . . . .</i>	6,04,275	9,85,717	9,79,382	9,87,290	16,11,198	17,63,000	11,58,725	..
<i>Cotton Excise Establishments . . . . .</i>	56,979	60,311	31,229	49	..	..	..	56,979
<i>Charges in England . . . . .</i>	1,45,135	1,22,249	1,15,554	1,91,220	2,00,658	1,88,000	42,865	..
<i>Loss by Exchange . . . . .</i>	53,978	40,117	39,318	968	303	..	..	53,978
<b>Total . . . . .</b>	<b>77,12,290</b>	<b>81,77,032</b>	<b>81,27,224</b>	<b>84,81,534</b>	<b>93,59,081</b>	<b>99,82,000</b>	<b>26,54,373</b>	<b>3,84,663</b>
						<i>Net Increase . . . . .</i>	<b>22,69,710</b>	
Customs Revenue . . . . .	45,75,31,516	47,77,95,049	47,38,10,721	48,21,41,872	49,28,00,804	51,21,77,000	5,46,45,484	..
<b>Net Revenue . . . . .</b>	<b>44,98,19,226</b>	<b>46,96,18,017</b>	<b>46,56,83,497</b>	<b>47,36,60,338</b>	<b>48,34,41,723</b>	<b>50,21,95,000</b>	<b>5,23,75,774</b>	<b>..</b>

2. It will be seen that the apparent cost of collection has risen by 22,70, while the revenue collected has increased by 5,46,45. From the actual figures of the statement, it would appear that the percentage of cost of collection to revenue has risen from 1.7 to 1.9, but, as will be shown below, an inference of this kind would not be entirely correct.

3. The more important variations under individual sub-heads are discussed below:—

(a) *Pay of Officers*.—Of the total increase of 1,18, a sum of 42 is ascribed to the expansion of staff and the balance to the effect of increments and the grant of Lee concessions. The new posts created during the period were—

(i) an additional Assistant Collector in Bombay;

(ii) a Chemical Examiner at Bombay; and

(iii) Assistant Chemical Examiners at four ports.

(b) *Pay of Establishment*.—The total increase has been 6,53. Of this, about 3,91 is the result of expansion of establishment, owing to the increased bulk and complexity of the work to be performed; about 1,14 is due to revision of pay; and the balance is ascribed to the accrual of normal increments.

(c) *Deduct—Contributions, etc.*—The decrease of 13 under this head is the *net* result of the cessation of a recovery previously made from the Government of Bengal on account of combined Customs and Excise testing stations in Calcutta and of the inception of recoveries from

certain other Governments for similar work. From 1927-28, the Excise work in Bengal ceased to be performed by the Customs Department. The balance of the recoveries under this head is received from private bodies, mainly in Bombay, on account of Customs establishment employed at private warehouses.

(d) *Establishment charges paid to other Governments, etc.*—There has been a decrease of 2,44 owing to the decision that the Salt Department should, in view of the many services rendered gratuitously to it by the Customs Department, meet the entire cost of the combined Salt and Customs establishment in the Bombay Presidency. On the other hand, the payments made to the Posts and Telegraphs Department for clearing dutiable postal articles have risen by 48; and a new payment, which has since ceased, of 17 was made in 1929-30 to the Madras Government for the services of its Chemical Examiner.

(e) *Allowances, Honoraria, etc.*—Of the increase of 1,02, as much as 96 is purely nominal. It represents a growth of overtime and holiday allowances, which are recovered from merchants and credited as revenue.

(f) *Supplies and Services and Contingencies.*—A sum of 69, out of the growth of 1,31, is a nominal increase. It represents provision for the cost of priced publications of Government, and is covered by corresponding revenue under the head Stationery and Printing. The balance of the increase is due to the general growth of work and establishments.

(g) *Grants-in-Aid, etc.*—The entire increase of 2,73 is nominal only. It represents the disbursement, to charitable and other institutions, of the amount by which overtime fees paid by merchants exceed the overtime allowances disbursed to the staff. It is therefore entirely covered by revenue specifically collected for the purpose.

(h) *Land Customs.*—Of the total increase of 1,63, as much as 1,00 is due to the employment of increased staff on the borders of French India to meet the growth of smuggling; while 16 is the cost of petty construction and repairs in the Madras Presidency. A further charge of 23, on account of the Duzdap and Baluchistan frontiers, has been transferred from the head Political.

(i) *Compensations.*—An increase of 11,55 represents increased payments to the Cochin and Travancore States their share of increased revenue collected at their ports. The true growth of expenditure under this sub-head is therefore 4 only.

(j) *Cotton Excise Establishment.*—The decrease of 54 under this sub-head is due to the abolition of the Cotton Excise Duties.

(k) *Charges in England Loss by Exchange*—These two sub-heads, taken together, show a decrease of 11. This is almost entirely due to the fact that the average exchange rate of the year 1924-25 was in the neighbourhood of 1s. 5½d. There is a fall of less than £500 in the actual sterling charges.

4. In appraising the true growth of expenditure under this head, it is necessary to leave out of account the following items which are covered by increased revenue:—

A. Allowances, Honoraria, etc.	96
B. Contingencies	69
C. Grants-in-Aid, etc.	2,73
D. Compensations	11,55
	15,93

It is unnecessary to take credit for the increased payment of 48 made to the Posts and Telegraphs Department and credited as revenue of that Department, as the latter must be at least partially set off by increased departmental expenditure. Account must, however, be taken of a transfer (E) of 2,44 to the Salt Department budget, and (F) of 23 from the Political budget to this head. The true increase is therefore 22,70 + 2,44—15,93—23, or 8,98. This may be ascribed, in the main, to the development in bulk and complexity of the work of the Customs Department, which has necessitated expansion of appraising and preventive staff and improvement of its conditions of service.

5. In deducing from the figures of the budget for 1929-30 the percentage borne to revenue collected by the cost of collection, it is necessary to subtract from both the revenue collected and the cost of collection items A, C and D in the foregoing paragraph; to add item E to the cost of collection; and to deduct item B from that cost. As the result of this adjustment, the *net* revenue becomes 51,07,53; the *net* cost of collection 86,33; and the percentage rather under 1·7; which is less than the corresponding figure for 1924-25.

### Account No. 2.—Taxes on Income.

The following table sets forth the expenditure under this head in each of

the six years under review. For convenience of reference, the revenue collected is shown at the foot of the table and the *net* revenue deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<b>CHARGES IN INDIA.</b>								
Pay of Officers	18,52,202	21,48,225	23,47,366	24,96,891	25,72,370	23,87,228	10,35,026	..
Deduct—Share transferred to head Opium	..	—18,876	—19,500	—20,861	—17,327	—18,000	..	18,000
Pay of Establishment	18,90,205	20,17,636	22,17,298	24,22,113	25,91,932	29,03,752	10,13,547	..
Establishment charges paid to other Governments	11,15,479	3,62,370	2,49,756	2,58,510	1,90,266	34,180	..	10,81,299
Allowances, Honoraria, etc.	4,84,604	5,54,642	5,55,130	5,85,095	6,37,161	6,37,512	1,52,908	..
Supplies and Services and Contingencies	5,86,220	6,99,448	7,11,123	7,31,572	7,51,021	8,00,590	2,14,370	..
Grants-in-Aid, etc.	..	..	4,307	4,947	5,232	1,800	1,800	..
Works	..	..	1,676	1,667	14,093	2,500	2,500	..
Deduct—Probable Savings	..	..	..	..	..	—1,22,562	..	1,22,562
<b>CHARGES IN ENGLAND</b>	78,793	81,606	80,925	74,890	1,50,326	1,11,000	32,207	..
<b>LOSS BY EXCHANGE</b>	30,028	26,851	27,540	385	241	..	..	30,028
<b>TOTAL COST OF COLLECTION</b>	<b>60,37,531</b>	<b>58,71,902</b>	<b>61,75,621</b>	<b>66,56,109</b>	<b>68,95,915</b>	<b>72,38,000</b>	<b>24,52,358</b>	<b>12,51,889</b>
						<i>Net Increase</i>	12,00,469	
Revenue from Taxes on Income	16,01,48,253	15,85,93,439	15,64,96,338	15,06,38,243	16,70,33,999	16,59,60,000	58,11,547	..
<b>Net Revenue</b>	<b>15,41,10,722</b>	<b>15,27,21,537</b>	<b>15,03,20,717</b>	<b>14,40,83,134</b>	<b>16,01,38,084</b>	<b>15,87,22,000</b>	<b>46,11,279</b>	<b>..</b>

2. It will be seen that, during the six years' period, the gross cost of collecting Taxes on Income has risen by 12,00 and the *net* revenue collections by 46,11. The principal feature of the period has been the institution of a central staff to perform the work of collection, which was, in many areas, previously undertaken by the local Governments as an agency function. The new agency is more expensive, but it is expected to prove more efficient. The actual growth of *net* revenue is misleading. Owing to trade depression, the gross collections of the year 1924-25 fell short by approximately 2 crores of those of each of the two previous years, and by over 6 crores of the collections of 1921-22. There were no important changes in the rates of taxation during the period under review.

3. The more important variations under individual sub-heads are examined below.

(a) *Pay of Officers.*—The increase of 10,35 is one of the results of the institution of a regular central staff, and a part of the reduction of 10,81 under Establishment charges paid to other Governments must be set off against it. A steady growth of expenditure under

this sub-head for some years to come is, however, inevitable. Omitting the Commissioners and Assistant Commissioners of Income-Tax, the majority of the officers of the department are on time-scales of pay which take from 12 to 24 years to rise from their minimum to their maximum; so that the pay-bill is far from having reached stability. There are apparently curious inequalities in the periods covered by the time-scales in different provinces. Thus, an Income-Tax Officer in Madras and Bombay can rise to the maximum of his scale in 13 years; whereas the corresponding officer in Bihar and Orissa must serve for 20 years before reaching the same maximum. Again, a Mofussil Examiner in Bombay rises to his maximum after 5 years; while, if he first serves as an Assistant Examiner, he can reach the top of that scale also in 7 years. In Burma, where there is no grade of Assistant Examiner, the period of rise for an Examiner is 20 years. The task of comparison is, however, complicated by the variations in the nomenclature adopted in various provinces. Bombay, for example, has no less than 9 varieties of officers, while the United Provinces are content with 4 and Assam with 3.

(b) *Deduct—Share transferred to the head Opium.*—This deduction of approximately 18 represents a portion of the pay and passage contribution of the Commissioner of Income-Tax in the United Provinces; who is, in addition to his other duties, Opium Agent at Ghazipur.

(c) *Pay of Establishment.*—Here also, as in the case of Pay of Officers, the growth of 10,16 must be put down to the policy of centralisation of administration, and credit against it must be taken for part of the saving under Charges paid to other Governments. Here also there will be a steady increase of expenditure for years to come. Members of the clerical grades will take, on the average, longer than officers to rise to the maximum of their scales, though greater wastage of staff may be expected. Here also there are apparent anomalies in the rates of pay of the staff of the Income-Tax Officers, which constitutes the bulk of the establishments. In certain provinces, notably the United Provinces, Bihar and Orissa and the Central Provinces, the rate of increment allowed in lower time-scales of pay seems to be unduly high; enabling the clerks who draw it to reach the maximum in a comparatively short period. Again, in the Bihar and Orissa mofussil offices, the number of clerks in the lowest grade is exactly one-third of the total; in the corresponding offices of Bengal, it comprises 88 per cent. of the total clerical establishment. There would, on the whole, appear to be some scope for standardisation; particularly, perhaps, in the matter of rates of increment.

(d) *Establishment charges paid to other Governments.*—As already explained, the decrease of 10,81 is due to the policy of centralising administration, instead of relying upon the agency of local Governments. The decrease is more than set off by the very considerable growth of expenditure under Pay of Officers and Establishments.

(e) *Allowances, Honoraria, etc.*—The growth of 1,53 is more than covered by the increase under travelling allowance due to the expansion of staff. Expenditure on this object has grown from 3,15 in 1924-25 to 4,95 in 1929-30 (budget). There has been a decrease of 65 under commission paid to village

officials in the Central Provinces, and a small increase under other forms of compensatory allowances.

(f) *Supplies and Services and Contingencies.*—The high percentage of expenditure under this sub-head to the total outlay of the department is a noticeable feature of this account. It is in great part due to the large amounts paid as rent for hired office buildings, and to the heavy outlay on postage caused by the issue by registered letter of demands on assesses. The budget of 1929-30 provided 2,71 under the former and 1,96 under the latter head, making a total of 4,67 out of the gross figure of 8,01. The increase of 2,14 may be put down almost entirely to the cost of providing office accommodation for the newly employed staff.

(g) *Grants-in-Aid, etc.*—This new item of 2 represents passage contributions in connection with Lee concessions.

(h) *Works.*—This also is a new item, representing provision for petty construction and repairs in respect of buildings taken over from the Opium Department in the United Provinces.

(i) *Charges in England and Loss by Exchange.*—The figures under these two sub-heads, taken together, are approximately stable, and call for no remarks.

4. The progress of expenditure under this head may be summarised by stating that it has grown by 12 lakhs during the period under review; owing, almost entirely, to the policy of instituting a central staff to perform the duties of collection, a large part of which was previously undertaken by local Governments as agents of the Government of India. It is claimed that the change has led to far greater efficiency in collection, and that the Department is now so organised as to be in a position to handle a much larger bulk of revenue when trade conditions improve. The increase of expenditure has not yet reached its maximum, but must expand for some years to come under the influence of normal time-scale increments. There seems to be some scope for greater standardisation of the pay of officers and establishments.

#### Account No. 3.—Salt.

The following table exhibits the expenditure under this head in each of



the six years under review. For convenience of reference, the figures of gross

Salt revenue are shown at the foot of the table and the *net* revenue deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Ra.	Ra.	Ra.	Ra.	Ra.	Ra.	Ra.	Ra.
<b>CHARGES IN INDIA.</b>								
<i>Working Expenses.</i>								
Direction . . . . .	38,19,543	36,34,720	35,65,023	36,66,759	38,22,503	39,69,890	1,50,347	..
Manufacture . . . . .	16,85,013	12,62,534	11,60,127	14,19,128	14,04,876	15,74,390	2,60,947	..
Weighment . . . . .		1,25,521	69,283	1,38,545	3,58,290	3,71,570		
Stores and Work- shop Establishment . . . . .	6,128	29,292	-50,798	-99,623	-80,147	-77,190	..	83,318
Medical Establish- ment . . . . .	..	29,566	26,037	26,810	26,407	27,560	27,560	..
Contribution to Dep- reciation Fund . . . . .	2,59,690	2,53,815	2,65,628	3,63,665	2,91,526	2,99,000	39,310	..
Cost of Accounts and Audit . . . . .	31,302	48,589	52,967	55,933	63,134	60,200	28,898	..
Pensionary charges Establishment char- ges payable to other Governments	..	80,303	79,674	78,156	78,537	78,000	78,000	..
4,27,414	8,38,850	5,03,022	5,02,499	3,83,024	3,52,613	..	74,801	
<i>Deduct — Amounts recoverable from other Govern- ments, Depart- ments, etc.</i>	-4,37,703	-18,194	-17,547	-15,222	-13,584	-14,263	-4,23,440	..
<i>Total Working Ex- penses</i>	57,91,387	62,84,996	56,53,416	61,36,648	63,34,566	66,41,770	10,08,502	1,58,119
						<i>Net Increase</i>	8,50,383	
<i>Salt Purchase and Freight</i>	14,47,144	10,24,578	12,86,680	10,20,848	7,01,672	10,58,500	..	3,88,944
<i>Preventive Establish- ment</i>	3,88,465	3,74,244	3,68,772	3,94,506	3,92,049	3,98,810	10,345	..
<i>Works</i>	3,78,979	3,86,533	4,22,355	4,36,040	3,60,805	4,20,100	41,121	..
<i>Interest on Capital</i>	3,01,437	3,71,736	3,89,145	4,02,688	4,97,169	4,74,000	1,72,563	..
<i>Compensations</i>	36,37,463	40,27,103	38,17,789	41,02,712	39,49,109	40,38,820	4,01,357	..
<i>Miscellaneous</i>	-12,103	..	-10,099	..	..	..	12,103	..
<i>Deduct—Pr o b a b l e Savings</i>	..	..	..	..	..	-1,14,000	..	1,14,000
<i>Reduction made by the Legisla- tive Assembly</i>	..	..	..	..	..	-100	..	100
<i>Total Revenue Char- ges in India</i>	1,19,33,072	1,24,69,190	1,19,31,058	1,24,93,442	1,22,35,370	1,29,17,900	..	..
						<i>Net Increase</i>	9,84,828	
<i>Capital outlay in the Northern India Salt Revenue De- partment charged against Revenue</i>	7,19,538	7,18,044	4,80,066	49,518	57,776	3,75,000	..	3,44,588
<i>Charges in England</i>	63,132	27,859	48,267	1,56,960	90,177	1,05,000	41,868	..
<i>Loss by Exchange</i>	24,516	9,110	16,418	679	130	..	..	24,516
<i>Grand Total</i>	1,27,40,303	1,32,24,203	1,24,75,809	1,27,00,599	1,23,83,453	1,33,97,900	..	..
						<i>Net Increase</i>	6,57,592	
<i>Revenue from Salt</i>	7,39,04,860	6,32,96,778	6,69,81,053	6,63,17,979	7,59,92,704	6,34,64,000	..	1,04,40,860
<i>Net Revenue</i>	6,11,64,652	5,00,72,575	5,45,05,244	5,36,17,380	6,36,09,251	5,00,66,100	..	..
						<i>Net Decrease</i>		1,10,98,452

2. It will be seen that the gross expenditure has grown by 6,58 during the period, while the *net* revenue has fallen by 1,10,98. There has been no change in the Salt duty during the six years. The principal variations under expenditure sub-heads are examined below.

*Direction* +1,50

This is not a true figure of increase. It must be examined in conjunction with the charges under the two sub-heads "Establishment Charges payable to other Governments" and "Deduct—Amounts recoverable from other Governments, etc.", in order to see in proper perspective the results of the centralisation of Salt administration in the hands of a staff directly subordinate to the Government of India. The principal changes under the sub-head "Direction" itself are as follows:—

+63 in Madras. There has been an actual reduction here. In 1924-25, the Central Government paid a contribution of 90 to the local Government, which performed the work through a combined Salt and Excise establishment. The present contribution is 2 only, while the cost of the centralised staff is 63.

+12 in Bengal. This is the result of minor expansions of staff, etc.

+1,75 in Burma. This also is the result of centralisation. In 1924-25, the work was done through a combined Salt and Excise staff, towards which the Central Government paid a contribution of 64. This sum was admittedly inadequate, and the contribution was actually raised in 1925-26 and fixed at 1,47 for the previous year. The present establishment thus costs 28 more than the contribution of 1925-26.

--1,00 in Bombay. In 1924-25, the Central Government received a contribution of 1,86 from the Bombay Government for Excise work done by a central establishment. With the separation of the Salt staff in the Presidency proper, this contribution ceased; while the Government of India now pays

the local Government 73 for work done by a provincial establishment in Sind. The true increase is thus 1,86+73—1,00 or 1,59, of which about 1,16 represents the cost of the re-imposed Viramgam Customs Line. The equity of charging the cost of this Line to the Salt budget appears to be open to question.

*Manufacture and Weighment* +2,61

This increase is nominal only. Recoveries of despatch charges, which were previously taken in reduction of expenditure, are now brought to account as revenue. They amounted to 2,55 in 1924-25 and to 2,75 in the estimates of 1929-30. The apparent increase of expenditure is thus more than covered by a specific addition to revenue.

*Stores and Workshop Establishment* --83

The decrease is the net result of a fall of 20 in the cost of establishment and an increase of 2,57 in the recoveries from other branches of the department; partially set off by a growth of 1,82 under Supplies and Services. The decrease really represents a decrease in the gross charges under Direction and Manufacture and Weighment.

*Medical Establishment.* +28

This is not a new charge. It was previously debited to the sub-head Manufacture.

*Contribution to Depreciation Fund* +39

This increase is the inevitable result of the heavy capital outlay of the period: the amounts of assets on which depreciation must be provided having increased accordingly.

*Accounts and Audit* +29

This increase is a natural result of the centralisation of the department and of the elaboration of accounts, on quasi-commercial lines, which has taken place during recent years.

*Pensionary Charges* +78

This increase is nominal only, being a transfer from the head Superannuation Allowances and Pensions. In 1924-25 the pensionary charges of the Salt Department actually amounted to 1,01, but

they were not debited to the Salt grant. The decrease is due to a fall in the percentage rate charged on the cost of establishment.

*Establishment charges payable to other Governments* —75

The reasons for the decrease have been explained above under "Direction". The principal changes were decreases of 88 and 64 respectively under Madras and Burma, and a growth of 73 under Bombay.

*Deduct—Amounts recoverable from other Governments, Departments, etc.* +4,23

The principal decreases in recoveries have occurred in Bombay. As already shown under "Direction", the contribution of 1,86 originally paid by the local Government to the cost of the "combined" central establishment has ceased. In addition, a contribution of 2,39, which was made by the Customs Department in 1924-25 to the cost of the combined staff, has now been discontinued; in view of the fact that the Customs Department renders, in other spheres, gratuitous services to the Salt Department which counterbalance the services rendered to the former by the combined staff. This sum of 2,39 is thus a transfer from the Customs to the Salt budget.

*Salt Purchase and Freight* —3,89

The principal factors in the reduction are:—

- 2,01 Smaller payments to Agencies at Kharagoda, due to smaller production and decrease of rate *per* maund.
- 50 Decrease of storage and railway haulage charges on smaller production at Kharagoda.
- 98 Stoppage of purchase of Kuda salt.
- 52 Saving of charges at Maurypur owing to the opening of new private salt works in Sind.

*Works* +41

The increase is due to expenditure in Madras on renewing buildings, etc., damaged by cyclones.

*Interest on Capital.* +1,73

The increase is due to the increased capital invested in "Works" of the Department during the period. The bulk of it may be classed as a true increase, although the Works were actually financed out of revenue; seeing that the money spent, if available for other purposes, would have been expended on capital projects in place of a certain amount of borrowed money. The budget of 1929-30 provided, however, 56 as interest on stocks of salt held, a new charge since 1924-25, and this is a mere transfer from the Interest to the Salt head of account.

*Compensations.* +4,01

The growth is almost entirely due to the increased payments due to the Jodhpur and Jaipur Darbars on account of increased output of salt from the Sambhar works, which lie within the territory of the former State.

*Capital Outlay charged to Revenue* —3,45

The decrease is due to the slackening of the programme of construction in Northern India.

3. It is now possible to summarise the events of the period under review. To the increase of 6,58 shown in the table should be added, in order to deduce the true increase, a figure of 3,45; being the amount by which the capital expenditure of the last year fell short of that recorded in the first year of the series. The gross increase of revenue expenditure proper thus becomes 10,03. Of this, 2,75, the despatch charges under Manufacture and Weighment, are covered by specific increase of revenue; while 2,39, the former recovery from Customs, 78 under Pensionary Charges, and 56 under Interest are transfers from other budgets. This leaves a true increase of 3,55; which again may be reduced by 83, the amount by which the payment made to Burma in 1924-25 was subsequently recognised to have fallen short of equity. There is thus an increase of 2,72 for explanation. Its principal causes may be summarised as follows:—

+36 is the *net* cost of replacing by a central staff the agency of local Governments.

+1,55 is the true additional charge for depreciation and interest on debt.

+1,16 is the approximate cost of the re-imposition of the Viramgam Line.

+41 is the *net* increase in the cost of non-recurring works in Madras.

—83 represents the distribution over other sub-heads of the cost of Stores and Workshop establishment.

It is fair to set off against the increase under Compensations the fall in expen-

diture under Salt Purchase and Freight in Bombay; since the increased production at Sambhar has synchronised with the fall of production on the Kathiawar frontier and in Sind.

#### Account No. 4.—Opium.

The following table sets forth the expenditure under this head in each of the six years under review. For convenience of reference, the gross revenue from Opium is shown at the foot of the table and the *net* revenue deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Expenditure in India.</i>								
Payments for Malwa Opium . . . . .	57,93,344	45,76,049	21,68,957	30,12,669	13,51,021	27,00,000	..	30,98,344
Payments to cultivators in the United Provinces . . . . .	1,56,83,637	1,45,53,985	64,28,653	43,95,745	28,92,644	31,96,900	..	1,24,86,737
Ghazipur Opium Factory Superintendence and other Establishments in the United Provinces . . . . .	6,02,643	7,81,469	4,33,898	4,11,122	4,17,845	4,40,323	..	1,62,220
Works . . . . .	1,19,977	1,27,213	59,861	94,357	59,049	36,000	..	83,977
Miscellaneous charges in Calcutta . . . . .	16,892	17,822	16,370	28,804	10,895	20,714	3,822	..
Other Opium Agencies and Establishments . . . . .	8,157	5,222	4,802	5,053	6,001	6,020	..	2,137
Compensations . . . . .	53,678	54,625	55,508	47,492	48,189	55,000	1,322	..
Stationery and Printing . . . . .	..	..	..	6,025	10,422	9,000	9,000	..
<i>Expenditure in England.</i>								
Stores . . . . .	3,070	3,190	2,278	5,991	18,410	2,000	..	1,070
Establishments . . . . .	38,746	82,460	43,749	64,666	1,10,661	51,000	12,264	..
Loss by Exchange . . . . .	15,392	27,934	15,687	194	228	..	..	15,392
Grand Total . . . . .	2,35,57,127	2,11,47,143	1,00,14,284	87,00,825	54,95,268	71,01,000	26,398	1,64,83,926
								<i>Net Decrease</i>
								1,64,56,127
Revenue from Opium . . . . .	3,79,76,177	4,14,99,662	4,33,13,749	3,94,52,354	3,26,59,423	3,05,57,000	..	74,19,177
Net Revenue . . . . .	1,44,19,050	2,03,52,519	3,32,69,465	3,07,51,529	2,71,64,155	2,34,56,000	90,36,900	..

2. It will be seen that there has been, during the period, a fall in expenditure by 1,64,56 and an increase of *net* revenue by 90,37. Of the fall in expenditure, there are two main causes. The first of these is the policy of steadily reducing, until they are finally extinguished in 1934-35, the exports of opium to foreign countries, which has been adopted as the definite policy of the Government of India. This has led to a considerable reduction of poppy cultivation in the United Provinces and of purchases of crude opium in Malwa. The second cause is the fact that it has

been found possible to reduce the price paid for raw opium in both the United Provinces and Malwa. The reductions under the various sub-heads are mainly due to these two causes, but they are examined in more detail below.

*Payments for Malwa Opium* —30,98  
*Payments to cultivators in the United Provinces* --1,24,87

The decreases in these two cases are directly due to the two causes set out above.

*Ghazipur Opium Factory.* --1,62

Here also the decrease is due to the decline of manufacture for export. The principal fall is under the unit Supplies and Services. The expenditure on establishment remains practically unchanged.

*Establishments in the United Provinces.* —6,33

The fall is directly due to the decrease of poppy cultivation in the provinces.

*Stationery and Printing.* +9

The increase is nominal only. Up to the year 1927-28, the expenditure was charged to the head Stationery and Printing.

3. The decline in *net* revenue which commenced from 1927-28 synchronised with the inception of the programme of reduced export. In view of the accu-

mulated stocks of opium, the reduction of cultivation and of purchase started two years earlier with considerable advantage to the *net* revenue. From 1928-29, a reduction in the price charged to provinces for excise opium is another factor operating to reduce revenue. It may be expected that the *net* revenue from Opium will be reduced to less than half a crore of rupees by the time that export finally ceases in 1935.

#### Account No. 5.—Land Revenue.

The following table exhibits the expenditure under this head in each of the six years under review. For convenience of comparison, the total Land Revenue of the minor administrations under the Central Government is shown at the foot of the table, and the *net* revenue deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Charges in India.</i>								
Charges of Administration	2,38,465	2,60,953	2,75,686	2,76,232	2,97,556	2,98,600	60,135	..
Survey and Settlement	3,14,060	4,06,715	4,07,903	2,90,187	2,56,154	1,72,000	..	1,42,000
Land Records	4,73,783	4,69,951	4,72,886	4,74,584	4,77,610	5,07,700	33,917	..
Commission on Land Revenue Collections, etc.	26,249	25,059	26,574	24,378	28,540	26,900	651	..
Assignments and Compensations	63,611	63,543	62,529	73,653	1,24,013	1,23,300	59,689	..
Works	..	..	..	..	15,621	17,500	17,500	..
<i>Expenditure in England.</i>								
Leave Salary, Deputation Pay, Overseas Pay, etc.	3,364	3,134	3,215	4,900	12,529	9,000	5,636	..
Loss by Exchange	1,363	1,026	1,095	21	31	..	..	1,363
<b>Total</b>	<b>11,20,895</b>	<b>12,30,381</b>	<b>12,49,898</b>	<b>11,43,855</b>	<b>12,02,054</b>	<b>11,55,000</b>	<b>1,77,528</b>	<b>1,43,423</b>
							<i>Net Increase</i>	<i>34,105</i>
Gross Receipts under Land Revenue	37,80,748	38,52,885	41,00,434	40,90,615	38,31,605	39,21,000	1,40,252	..
<b>Net Land Revenue</b>	<b>26,59,853</b>	<b>26,22,504</b>	<b>28,50,536</b>	<b>29,46,760</b>	<b>26,29,551</b>	<b>27,66,000</b>	<b>1,06,147</b>	<b>..</b>

2. It will be seen that the expenditure shows an increase of 34 during the period, while the *net* receipts have grown by 1,06. The principal causes of variation in expenditure are brought out below :—

*Charges of Administration.* +60

The principal factors in the increase are the following :—

+12 represents an increase in the North West Frontier Province, on account of provision for Forest conservancy on the Buner border.

+19 is the increase in Baluchistan; of which 9 is on account of increased provision for leave-salary, and 7 is a growth under allowances due mainly to a change in travelling allowance rates.

+25 occurred in Delhi, mainly on account of the transfer of the control of certain Nazul lands from the Municipality to Government. This is set off by an increase of receipts under the revenue head.

*Survey and Settlement* —1,42

The decrease is due to a temporary lull in settlement operations in the North West Frontier Province, which may be expected to continue for a few years longer.

*Land Records* +34

The chief factors in this increase are a growth of 15 in the North West Frontier Province, due to the employment of additional subordinate staff, and of 17 in Baluchistan due partly to increase of staff, partly to the grant of compensatory allowances and partly to increased provision for leave-salary.

*Assignments and Compensations* +60

This increase is nominal only. It occurred under Baluchistan, and is due to a change of classification; certain payments, which were formerly brought to account by deduction from revenue, be-

ing now correctly recorded as expenditure proper and the revenue credited gross.

*Works.* +17

This also is a nominal increase. The expenditure on petty construction and repairs was previously brought to account under the head General Administration.

3. In order to appraise the true growth of expenditure under this head, it is necessary to omit from consideration the items of 60 in Baluchistan and 25 in Delhi which are covered by a corresponding increase of revenue, and the expenditure of 17 on Works which represents a transfer from another head. The true expenditure is thus reduced by 1,02, and there is a *net* decrease of 67 during the period under review. As already explained, the main cause of this is a temporary decrease of 1,42 under Survey and Settlement in the North West Frontier Province. The minor increases of 75 are more than covered by the growth of gross receipts of Land Revenue.

**Account No. 6.—Excise.**

The following table shows the expenditure under this head in each of the six years under review. For convenience of reference, the figures of Excise revenue have been set out at the foot of the table and the *net* revenue deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Ra.	Ra.	Ra.	Ra.	Ra.	Ra.	Ra.	Ra.
<i>Charges in India.</i>								
District Executive Establishment . . .	1,75,515	1,95,037	2,02,271	2,61,610	2,18,512	2,27,730	52,215	..
Distilleries . . .	18,231	16,293	16,165	23,248	19,100	14,200	..	4,031
Compensations . . .	32,326	7,26,541	7,24,570	8,55,659	7,97,359	7,96,700	7,64,374	..
Excise Bureau . . .	..	..	..	..	58,357	63,300	63,300	..
Cost of Opium, etc. . . . .	..	1,92,062	81,541	91,501	4,07,259	5,40,070	5,40,070	..
Works . . . . .	..	..	..	8,165	2,391	1,000	1,000	..
	<u>2,26,072</u>	<u>11,29,933</u>	<u>10,24,547</u>	<u>12,40,183</u>	<u>15,02,978</u>	<u>16,43,000</u>	<u>14,20,959</u>	<u>4,031</u>
<i>Expenditure in England.</i>								
Leave Salary and Sterling Overseas Pay . . .	1,665	3,600	15,887	4,388	4,800	5,000	3,335	..
Loss by Exchange . . . . .	559	1,179	5,397	18	7	..	..	559
Total . . . . .	<u>2,28,296</u>	<u>11,34,712</u>	<u>10,45,831</u>	<u>12,44,589</u>	<u>15,07,785</u>	<u>16,48,000</u>	<u>14,24,294</u>	<u>4,500</u>
							<u>Net Increase</u>	<u>14,19,704</u>
Excise Revenue . . . . .	<u>41,99,239</u>	<u>42,20,576</u>	<u>41,13,217</u>	<u>52,14,829</u>	<u>52,71,614</u>	<u>49,44,000</u>	<u>7,44,761</u>	<u>..</u>
Net Revenue from Excise . . . . .	<u>39,70,043</u>	<u>30,85,864</u>	<u>30,67,386</u>	<u>39,70,240</u>	<u>37,63,829</u>	<u>32,96,000</u>	<u>..</u>	<u>6,74,943</u>

2. It will be seen that there has been an increase in expenditure of 14,20 and a decrease in *net* revenue of 6,75. The principal factors leading up to these variations are explained below.

*District Executive Establishments.* +52

The main item of increase under this head is expenditure of 21 in the North West Frontier Province on the employment of additional staff to prevent the smuggling of *charas*. There is further new expenditure of 6 in the same province on the maintenance of a bonded warehouse for *charas* in Chitral. The balance is the result of minor increases in the various local administrations, due to expansion of staff, revision of pay and the accrual of increments.

*Compensations.* +7,64

There is a minor increase of 10 in the North West Frontier Province, in the shape of compensation paid to H. H. the Mehtar of Chitral for the establishment of a bonded warehouse in his territory; counter-balanced by a minor decrease of 10 in Central India due to the reduction, under a revised agreement, of the compensation payable to Indore.

The full increase of 7,64 is due to the general adoption of the new rule that duty on the liquor, etc., consumed in a province should accrue to the administration of that province. As this involves a breach of a principle on which the Meston Settlement was based, the Punjab and the United Provinces, which supply liquor to Delhi and the North West Frontier Province, claimed and were granted compensation for the loss of revenue involved. The increased revenue due to the change did not, for certain reasons, accrue in full to the Cen-

tral Government until 1927-28; but from that year the increased expenditure might be expected to be balanced by enhanced revenue. The compensation granted was, however, based on the revenue accruing at the time of the Meston Settlement; and the budget estimates of 1929-30, which foresaw a considerable decline in liquor consumption in the majority of the central areas, contemplated some loss to the Central Government arising out of the change.

*Excise Bureau.* +63

The cost of the Bureau is charged against Rajputana in the accounts. It was established in the year 1928-29 in order to check the smuggling of opium from the States of Rajputana and Central India.

*Cost of Opium, etc.* +5,40

This increase is nominal only, being due to a change in classification by which the cost of opium taken over is debited to the revenue head instead of to a remittance head in the accounts. It is fully covered by a corresponding increase of revenue.

3. It thus appears that, of a total increase of 14,20, no less than 5,40 is, and a further 7,64 should in a normal year be, covered by countervailing revenue. The balance of 1,16 represents the real recurring increase of expenditure; and this is mainly due to the taking of special measures against the smuggling of opium and *charas*.

**Account No. 7.—Stamps.**

The following table sets out in an intelligible form the expenditure under this head in each of the six years under review.

TABLE A.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Cost of Supply and Sale of Stamps—								
Charges in India	2,59,245	5,86,217	7,34,378	6,44,361	1,09,482	87,000	..	1,72,245
Charges in England, including Loss by Exchange	4,43,259	8,16,283	..	..	..	..	..	4,43,259
Deduct—Recoveries credited by deduction from expenditure	—8,22,291	—7,26,354	—6,39,025	—6,74,448	..	..	8,22,291	..
<i>Net Revenue Expenditure proper</i>	—1,19,787	6,76,146	95,353	—30,087	1,09,482	87,000	2,06,787	..
Capital Outlay met from Revenue	10,12,156	..	2,38,319	5,98,655	1,07,952	..	..	10,12,156
<b>Total Expenditure under Stamps</b>	<b>8,92,369</b>	<b>6,76,146</b>	<b>3,33,672</b>	<b>5,68,568</b>	<b>2,17,434</b>	<b>87,000</b>	<b>..</b>	<b>8,05,369</b>

2. The actual accounts of the various years are complicated by several important changes in system and procedure which took place during the period. In 1924-25, the Government of India were still buying stamps in England, though a start had been made with the construction of the Security Printing Press at Nasik, which was intended to print all varieties of stamps required by India. In that year, the cost of postal stamps was debited direct to the Posts and Telegraphs Department, and the cost of other stamps supplied to provincial depôts was charged to the local Governments which managed those depôts. The Calcutta depôt alone was controlled by the central Government, and some of the local Governments drew their supplies from it. The cost price of non-postal stamps purchased from that depôt was debited to this head of account, the recoveries on account of stamps supplied to the provinces being credited by deduction from expenditure. In addition, the Government of India made a few purchases from the provincial depôts, and the price was debited to this head.

3. In 1925-26, the Security Press had begun to produce stamps, but the purchase of stamps in the United Kingdom and the issue of old stocks from the central depôt continued. The working expenses of the Press were debited as expenditure under this head, thus increasing the charges in India, while a portion of the recoveries deducted represented the value of stamps issued from the Press to the central depôt and thence supplied to local Governments.

4. In 1926-27, no purchases were made in the United Kingdom, but the issue of old stocks from the central depôt continued, and the value of the issues to provincial Governments was still deducted from the expenditure under this head. The Security Press began, however, to be treated as a commercial concern under chapter 2 of the Account Code; with the result that no more than the *net* results of its annual working passed through the regular Government accounts. In this particular year, the present head was debited (1) with 84, being the loss sustained by the Press on the twelve months' working, and (2) with 2,93 on account of the cost of stamps supplied by the Press to the central depôt, for which the latter took credit as revenue in its own commercial accounts. The capital outlay

met from revenue in this year represents the initial expenditure on the Central Stamp Store at Nasik.

5. In 1927-28, the general position was unchanged. The loss on the working of the Press fell, however, to 42, while the cost of stamps purchased remained approximately stationary at 2,92. The Central Stamp Store was almost completed at the cost of revenue during the year.

6. The year 1928-29 saw another material change. On the completion of the Central Stamp Store, it took over the work of the central depôt in Calcutta, which was abolished. It was therefore no longer necessary to debit the head Stamps with the cost of supplies made to the depôt. The new Store functioned as a part of the Security Press concern, and all adjustments on account of the cost of stamps supplied were made inside its commercial accounts. The present head was, however, of necessity still charged with the value of stamps issued from the Central Store to the various minor administrations; while some of these administrations continued to purchase stamps from the provincial depôts which were themselves supplied from the Central Store. These two items, together with the cost of vend arrangements in the minor administrations, now constitute practically the whole of the expenditure under this head. The debit on account of loss on working the Press vanished from the accounts of 1928-29, when a profit of 3,86 was made and credited as revenue under Stamps.

7. The budget for 1929-30 contemplated no change in this system. The estimated profit on working fell, however, to 1,55, and the provision for Cost of Supply and Sale was reduced by 22 to 87. The budget for 1930-31 anticipated a profit of 2,40 on the working of the Press.

8. In the last two years of the series, the accounts are complicated, as shown above, by the credit as revenue of the *net* profits of the Security Printing concern. The following table has therefore been prepared, in which both the revenue and expenditure under Stamps are set out, and the net revenue deduced.



TABLE B.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Decrease.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Revenue from sale, etc., of Stamps . . . . .	27,70,593	27,94,728	27,44,445	27,63,871	31,58,388	29,23,000	1,52,407	..
Deduct—Refunds . . . . .	—80,904	—79,971	—75,732	—83,755	—76,597	—73,000	7,904	..
Total Revenue . . . . .	26,89,689	27,14,757	26,68,713	26,80,116	30,81,791	28,50,000	1,60,311	..
Net Revenue Expenditure proper . . . . .	—1,19,787	6,76,146	95,353	—30,087	1,09,472	87,000	2,06,787	..
Capital outlay met from Revenue . . . . .	10,12,156	..	2,38,319	5,98,655	1,07,952	..	..	10,12,156
Total Expenditure . . . . .	8,92,369	6,76,146	3,33,672	5,08,568	2,17,424	87,000	2,06,787	10,12,156
Net Revenue under Stamps . . . . .	17,97,320	20,38,611	23,35,041	21,11,548	28,64,357	27,63,000	9,65,680	..
	Net Decrease						8,05,369	

9. It will be seen that, leaving out of consideration the capital outlay on the Security Press and the Central Stamp Store, the net revenue credited in the general accounts of the Government of India remains practically unaffected by the substitution, for purchase in the United Kingdom, of the manufacture of stamps in India. It should be mentioned, however, that the stock of non-postal stamps sold to local Governments in 1929-30 cost them approximately 4½ lakhs less than it would have cost at the ex-factory rates of the British contract of 1924. The saving would be even greater if freight and other incidental charges were included. Owing to various complicating factors, it is impossible to calculate with exactitude

the saving accruing to the Postal Department from the change of system. It is estimated that the postage stamps supplied by the Press in 1929-30 at a price of just under 18 lakhs would have cost considerably more at the rates in force in 1924; but it is almost certainly true that a contract at far lower rates could be made in England to-day.

Account No. 8.—Forests.

The following table shows the expenditure under this head in each of the six years under review. As Forests is primarily a revenue-producing head, the revenue of the central Government from this source is shown at the foot of the table, and the net expenditure deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<b>CHARGES IN INDIA.</b>								
<i>General Direction</i> . . . . .	1,56,998	1,19,105	1,24,182	61,661	58,444	61,500	..	95,498
<i>Forest Research Institute—</i>								
Establishments, etc. . . . .	6,23,670	5,84,848	6,33,808	6,72,417	6,87,082	7,56,500	1,32,830	..
Other Charges . . . . .	2,02,696	2,02,588	2,63,978	2,19,777	2,11,956	2,30,900	28,204	..
<i>Conservancy and Works—</i>								
Removal, etc., of Forest Produce . . . . .	11,43,845	11,24,649	11,94,164	12,97,034	13,78,226	14,93,960	3,50,115	..
Livestock, Stores and Tools and Plant . . . . .	1,66,966	2,37,619	3,13,572	1,73,781	2,35,206	2,52,500	85,534	..
Communications and Buildings . . . . .	1,22,300	54,871	78,535	39,788	68,312	70,330	..	51,970
Other Items . . . . .	85,472	55,778	42,484	70,387	87,346	1,27,910	42,438	..
<i>Establishment</i> . . . . .	3,15,018	3,16,758	3,53,498	3,78,802	3,95,912	4,12,400	97,382	..
<i>Interest</i> . . . . .	..	..	..	6,931	16,762	19,000	19,000	..
<i>Capital Outlay charged to Revenue</i> . . . . .	..	..	..	6,10,307	1,96,737	4,18,000	4,18,000	..
<b>CHARGES IN ENGLAND.</b>								
<i>Stores</i> . . . . .	13,760	16,430	15,580	27,000	36,630	77,000	63,240	..
<i>Other Expenditure</i> . . . . .	2,05,075	1,87,877	1,54,876	1,65,095	1,32,220	1,71,000	..	34,075
<b>LOSS BY EXCHANGE</b> . . . . .	80,366	66,772	58,132	990	239	..	..	80,366
<b>Total</b> . . . . .	31,16,168	29,85,295	32,32,809	37,23,770	34,85,072	40,91,000	12,36,743	2,64,909
						<i>Net Increase</i> . . . . .	9,74,834	
<b>Revenue from Forests</b> . . . . .	16,14,698	18,74,128	23,57,879	24,58,676	25,97,258	30,00,000	13,85,302	..
<b>Net Expenditure</b> . . . . .	15,01,468	11,11,167	8,74,930	12,65,094	8,87,814	10,91,000	..	4,10,468

2. It will be noticed that the gross expenditure shows an increase of 9,75, and the *net* expenditure a decrease of 4,10. The principal variations under sub-heads are discussed and explained below:—

*General Direction.* —95

A great part of this decrease is nominal only. The expenditure of 1924-25 included an unusual item of 24, on account of leave charges passed on by other Governments. A further saving of 52 was caused by the transfer to the budget of the Secretariat Department of Education, Health and Lands of a portion of the cost of the Inspector General of Forests and his establishment when their headquarters were moved to Dehra Dun. The only true reduction is a saving of about 20 on allowances which was due to the transfer of headquarters.

*Forest Research Institute—  
Establishment and Contingencies* +1,33

*Other Charges* +28

The total increase of 1,61 is due to the reorganisation of the Institute to fit it to train probationers of the Indian Forest Service. Of this amount, 13 represents allowances paid to probationers, which are recovered from local Governments and credited as revenue, while 5 is the provision made for the cost of priced publications, which is set off by increased revenue under the head Stationery and Printing. The true increase is therefore 1,43. There is a minor increase of 9 under supply of telephones to the officers of the Institute.

*Removal, etc., of Forest Produce* +3,50

The principal items in this increase are enhanced expenditure of 1,79 in the Andamans and of 1,78 in the North-West Frontier Province, both of which are said to be covered by increase of revenue. The former was mainly caused by an increase of approximately 1,20 in freight of timber exported and 64 in payments to sale agents; both being due to the greater quantities of timber now exported from the Islands. The increase in the North-West Frontier Province is ascribed to the development of the general activities of the Forest Department of the province and is probably covered by increased revenue.

There was a minor growth of 17 due to the exploitation of forests for charcoal in Ajmer-Merwara, counterbalanced by petty reductions elsewhere.

*Livestock, Stores and Tools and Plant.* +86

The whole of this increase occurred in the Andamans. 49 represents an increase in the cost of feeding elephants and the balance is due to larger purchase of stores in India owing to the expansion of operations.

*Communications and Buildings* —52

The decrease under this sub-head is nominal only. A portion of the expenditure previously charged to it has, owing to a change of classification, been transferred to the new minor head "Capital Outlay charged to Revenue".

*Other Items.* +42

The increase is the *net* result of a number of minor increases in the area budgets, none of which is of sufficient importance to call for special mention.

*Establishment.* +97

Of the increase of 97, a sum of 53 is due to expansion of staff and the grant of increased allowances in the North-West Frontier Province. The balance is the result of normal increments and of minor revisions of establishment in other areas.

*Interest* +19

This is a new charge, due to a change in the system of accounting.

*Capital Outlay charged to Revenue* +4,18

This is a new minor head introduced in 1927-28, in connection with the partial commercialisation of the forest accounts. The principal items in the budget of 1929-30 comprise provision for the purchase of a steam lighter, barge and launch and of certain machinery for the Andamans forests (3,25), and a sum of 56 for stores, tools and plant for the Research Institute. A provision of 37 under the North-West Frontier Province is a mere transfer from the sub-head Communications and Buildings.

*Stores purchased in England* +63

The bulk of this increase is nominal only, being set off by the decrease under

"Loss by Exchange". There has, however, been enhanced expenditure on the purchase of stores for the Andamans owing to the growth of the activities of the Forest Department in the Islands.

3. It will be apparent from the table in paragraph 1 above that the Forests of the minor administrations under the central Government are not at present a particularly profitable concern. Even omitting from consideration the expenditure on the Forest Research Institute, there was still, according to the estimates of 1929-30, *net* expenditure of 1,01. The gap between expenditure and revenue has, however, been reduced by over 4 lakhs during the period under review;

and, if the unusual capital outlay of 1929-30 is left out of account, there remains a small margin of *net* revenue. With the development of the Forest property in the Andamans, it may be hoped that this margin will gradually increase.

#### Account No. 9.—Registration.

The following table exhibits the expenditure under this head in each of the six years under review. For convenience of reference, the gross revenue from Registration is shown at the foot of the table and the *net* revenue deduced.

Circles.	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
1	2	3	4	5	6	7	8	9
North-West Frontier Province . . .	11,084	12,606	12,181	12,552	14,496	15,000	3,916	..
Baluchistan . . .	2,824	2,701	2,786	2,809	3,254	3,000	176	..
Delhi . . .	8,234	7,656	5,729	3,654	3,925	4,200	..	4,034
Ajmer-Merwara . . .	1,903	2,168	2,593	2,631	2,462	2,700	797	..
Central India . . .	1,495	1,696	1,325	1,836	1,708	1,500	5	..
Hyderabad . . .	96	96	94	84	84	100	4	..
Bangalore . . .	3,418	3,507	3,689	3,037	3,269	3,500	82	..
<b>Total</b> . . .	<b>29,054</b>	<b>30,430</b>	<b>28,397</b>	<b>26,603</b>	<b>29,198</b>	<b>30,000</b>	<b>4,980</b>	<b>4,034</b>
					<i>Net Increase</i>		<b>+ 946</b>	
Revenue from Registration . . .	1,64,392	1,68,043	1,57,372	1,56,271	1,61,924	1,59,000	—5,392	..
<i>Net Revenue.</i>	<b>1,35,338</b>	<b>1,37,613</b>	<b>1,28,975</b>	<b>1,29,668</b>	<b>1,32,726</b>	<b>1,29,000</b>	<b>—6,338</b>	<b>..</b>

2. It will be seen that the expenditure has risen by less than 1 and the *net* revenue has fallen by 6. The variations are of insufficient importance to call for detailed examination.

#### Account No. 10.—Irrigation.

The following table shows the expenditure under this head in each of the six years under review. For convenience of reference, Irrigation revenue has been shown at the foot of the table and the *net* expenditure deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
<i>Expenditure in</i>								
Interest . . .	11,98,270	12,06,983	12,00,207	12,02,411	12,21,077	12,28,000	29,730	..
Capital Works charged to Revenue . . .	92,539	1,09,035	31,288	1,63,008	2,51,338	3,08,000	2,15,461	..
Working Expenses—								
(a) Works and Extensions and Improvements	84,669	3,25,990	2,03,306	2,51,593	2,56,038	4,34,800	3,50,131	..
(b) Maintenance and Repairs . . .	7,80,317	3,47,997	3,35,738	3,25,517	3,29,310	3,39,000	..	4,41,217

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928 29.	Budget, 1929-30.	Increase.	Decrease.
Establishment . . . . .	5,90,100	5,65,763	6,80,647	9,11,426	9,71,938	8,90,800	3,00,700	..
Tools and Plant . . . . .	17,027	9,154	13,846	16,966	28,131	38,500	21,473	..
Suspense . . . . .	2,569	10,875	2,88,710	—79,566	—14,883	2,000	..	569
Pensionary Charges . . . . .	1,13,277	87,992	(a)	(a)	(a)	1,08,600	..	4,677
Other Charges . . . . .	73,583	61,015	3,366	8,895	40,164	..	..	73,583
<i>Deduct—English</i> Charges included above . . . . .	..	..	..	..	..	—16,000	..	16,000
Reserve . . . . .	..	..	..	..	..	15,000	15,000	..
<i>Deduct—Probable</i> Savings . . . . .	..	..	..	..	..	—2,27,700	..	2,27,700
<i>Expenditure in</i> <i>England</i> . . . . .	(a)	(a)	(a)	(a)	(a)	69,000	69,000	..
Total . . . . .	29,52,251	27,24,704	27,57,108	28,00,250	30,83,113	31,90,000	10,01,495	7,63,746
						<i>Net Increase .</i>	2,37,749	
Revenue . . . . .	18,07,886	19,12,748	22,32,248	19,66,863	17,98,606	22,69,000	4,61,114	..
<i>Net Expenditure</i> . . . . .	11,44,365	8,11,956	5,24,860	8,33,387	12,84,507	9,21,000	..	2,23,365

(a) Included in above figures.

2. It will be noticed that there has been an increase of 2,38 in gross and a decrease of 2,23 in *net* expenditure. The principal variations under individual sub-heads are examined below:—

*Interest.*—The increase of 30 is a natural result of the growth in capital at charge owing to new construction.

*Capital Works charged to Revenue.*—Of the growth of 2,15, 2,09 represents provision for outlay in Baluchistan, designed rather to conserve the existing water-supply than to produce fresh revenue. There was further provision of 3,86 on the same account in the budget estimates of 1930-31, which should suffice to complete the particular project.

*Revenue Works and Extensions and Improvements.*—The principal factors in the growth are a provision of 2,00 for drainage and construction in the North-West Frontier Province, which is expected to prove remunerative, and of 1,10 for works in Baluchistan, which form part of the programme mentioned under Capital Works above. The North-West Frontier Province project is still in progress, and increased provision was made for it in 1930-31.

*Maintenance and Repairs.*—There was expenditure of 4,26 in 1924-25 on the repair of damage caused by erosion at Dera Ismail Khan in the North-West Frontier Province. The completion of these repairs accounts for the bulk of the decrease under the sub-head.

*Establishment.*—The increase of 3,01 appears at first sight disproportionate to the growth of Works expenditure. It includes, however, a provision of 1,69 for a temporary staff to survey irrigation possibilities in the North-West Frontier Province and Baluchistan. There was further provision of 51 for the restoration of an abolished second division in the North-West Frontier Province, which is expected to prove remunerative, and of 50 for a temporary and experimental expansion of staff in Baluchistan.

*Tools and Plant.*—Of the total growth of 21, as much as 20 is purely temporary, being provision for the irrigation survey mentioned above.

*Pensionary Charges.*—The decrease under this sub-head is nominal only. Pensions costing 48, which were paid from the Delhi Treasury in 1924-25, have been transferred to the head Superannuation Allowances and Pensions. There is thus a real increase of 43.

*Other Charges.*—The bulk of the decrease is nominal only. The charges shown under this head in the Finance and Revenue Accounts consist, apart from a comparatively small outlay on surveys, etc., mainly of sterling charges for leave-salaries and deputation pay. The decrease is therefore largely counterbalanced by the apparent increase under Expenditure in England.

*Expenditure in England.*—The apparent increase has been explained above.

### Account No. 11.—Interest and Management of Debt.

The following table shows, for each of the six years under review, the expenditure on Interest upon debt of all kinds and upon the management of the debt. In view of the increasing ex-

penditure on Interest upon debt of all kinds and upon the management of the debt. In view of the increasing expenditure to which the capital outlay of the central Government has in recent years been financed from the proceeds of unfunded debt, it appears desirable to discuss interest on funded and unfunded debt in a single Memorandum, and to treat the subject as a connected whole.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<b>Permanent Debt.</b>								
Rupee Debt	17,94,36,935	18,49,11,108	17,92,57,321	17,98,21,359	18,27,77,714	..		
Deduct—Interest on Indian Government Securities purchased with unemployed cash balances	—16,54,066	—26,75,134	—15,76,808	—17,47,636	—13,64,747			
	17,77,82,869	18,22,35,974	17,76,80,513	17,80,73,723	18,14,12,967	18,35,24,000	57,41,131	..
Sterling Debt	17,25,82,882	17,36,05,167	17,48,59,230	17,43,10,088	17,69,95,712	18,14,68,000	88,85,118	..
<b>Floating Debt.</b>								
Discount on Treasury Bills	2,52,37,000	2,53,85,000	2,06,00,000	2,07,26,557	2,45,73,782	2,48,50,000	..	3,87,000
Discount on India Bills	..	..	..	14,05,135	17,60,174			
Interest on Temporary Loans	..	..	..	2,38,493	25,81,370			
<b>Unfunded Debt.</b>								
Special Loans and Treasury Notes	8,56,319	8,61,512	8,84,643	8,83,738	8,84,346	8,88,220	31,901	..
Post Office Savings Bank	71,00,687	73,99,017	79,20,535	87,26,611	97,85,725	1,07,63,000	36,42,313	..
Post Office Cash Certificates	16,31,189	15,94,101	16,19,079	22,54,031	60,14,929	1,10,00,000	93,68,811	..
State Provident Funds	1,85,40,994	2,05,01,267	2,27,64,656	2,02,44,431	2,39,97,982	2,70,56,530	85,15,536	..
Service Funds	9,73,888	9,53,005	9,27,557	8,95,921	8,60,528	8,51,900	..	1,21,988
Postal Insurance and Life Annuity Fund	7,99,884	8,78,862	8,67,563	10,73,269	11,96,457	13,20,000	5,20,116	..
Deposits of Local Governments	18,57,028	27,85,601	42,31,578	40,79,660	36,46,731	27,32,600	8,75,572	..
Miscellaneous	81,708	1,71,896	6,46,215	4,29,979	2,33,651	1,26,780	45,072	..
<b>Total</b>	<b>40,74,64,448</b>	<b>41,63,71,422</b>	<b>41,31,01,560</b>	<b>41,53,41,576</b>	<b>43,39,44,352</b>	<b>44,45,81,030</b>	<b>3,76,25,570</b>	<b>5,08,988</b>
							<b>Net Increase. 3,71,16,582</b>	
<b>Deduct—Interest passed on to local Governments</b>								
	—4,21,54,712	—5,20,83,051	—5,34,60,427	—5,46,04,423	—5,87,78,074	—6,20,89,000	—1,99,34,288	..
<b>Net Interest paid by Central Government as a whole</b>								
	36,53,09,736	36,42,88,371	35,96,41,142	36,07,37,153	37,51,66,278	38,24,92,030	1,76,91,282	5,08,988
							<b>Net Increase . 1,71,82,294</b>	
<b>Add—Interest paid to the Railway and Posts and Telegraphs Departments on their Reserve and Depreciation Funds</b>								
	21,28,998	24,50,318	65,69,290	84,45,384	1,10,78,313	1,35,09,000	1,13,80,002	..
<b>Paymen's to the Post Office for Savings Bank and Cash Certificate work.</b>								
	22,03,000	23,34,148	24,53,026	29,00,000	89,94,430	43,47,000	21,44,000	..
<b>Deduct—Interest passed on to the Railway and Posts and Telegraphs Departments.</b>								
	—21,91,58,610	—23,65,38,444	—24,88,20,826	—26,37,34,025	—28,52,20,241	—29,81,43,000	7,89,84,300	..

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<b>B. Net Interest paid by the Civil Departments</b>	15,04,83,124	13,55,34,393	11,98,42,632	10,83,48,512	10,50,18,780	10,22,05,030	-4,77,69,106	5,08,98
<i>Deduct.</i> —Interest passed on to other Commercial Departments . . . . .	-14,99,707	-18,52,450	-21,33,340	-25,77,691	-26,93,330	-30,47,000	-15,47,293	..
Interest brought to account under Superannuation Allowances and Pensions, etc. . . . .	..	..	..	-1,37,049	-3,48,328	-5,11,000	-5,11,000	..
<i>Add.</i> —Interest on Depreciation Fund of the Northern India Salt Revenue Department . . . . .	..	17,397	24,204	35,809	50,397	62,000	62,000	..
<b>C. Net Interest paid by non-commercial Civil Departments . . . . .</b>	14,89,83,417	13,36,99,340	11,77,33,496	10,56,69,581	10,20,27,519	9,87,09,030	-4,97,65,399	5,08,98
							<i>Net Decrease</i>	5,02,74,387

2. Particular attention is invited to the lines of figures in the table which are marked A, B and C. The line at A shows the gross figure of interest paid by the central Government on the debt, of all kinds, which it has raised for its own purposes. The line at B is the result of eliminating the figures pertaining to the Railway and Posts and Telegraphs Departments, with which this report is not immediately concerned. The line at C gives the *net* figures appertaining to the civil departments, after eliminating sums of interest which are brought to account under other heads and thus appear elsewhere in this report, and providing for the Interest payable on the Depreciation Fund of the Northern India Salt Revenue Department, which is debited to revenue and credited to a deposit head outside the revenue accounts. Brief comments will be offered below upon each of the important sub-heads in the account, and, in their due place, upon the totals at A, B and C.

*Rupee Debt* . . . . . + 57,41

Under this head are included, not only the interest on Public Debt proper, but also such items as the cost of the issue of loans and the management of debt, payments of discount into discount sinking funds and the lump provisions for the service of new loans, the bulk of which went to meet interest payable in the year of issue. In the Rupee Debt proper, there was, as between the amounts outstanding on the 1st April

1924 and the 1st April 1929, an increase of 32 crores; but the effect of this was to some extent counteracted by a fall in the rate of interest payable. Loans carrying interest at 6 and at 5½ *per cent.* were reduced by 65 and 29 crores, respectively; while, of the new loans floated, 43 crores carried interest at 5.35 at 4½ and 49 at 4 *per cent.* The flotation of certain of these new loans at a discount involved an increase of 10 in the amount of discount charged against this head.

*Sterling Debt* . . . . . + 88,85

This head includes, in addition to miscellaneous items of the character described under Rupee Dept,

- (i) interest on Sterling Debt proper;
- (ii) the interest portion of annuities payable in purchase of Railways;
- (iii) the interest payable on outstanding liabilities taken over with purchased Railways; and
- (iv) interest on India's outstanding liability in respect of the 5 *per cent.* War Loan of the British Government.

One important reason for the increase of expenditure during the period under review was the assumption, on the purchase of the East Indian and the Great Indian Peninsula Railways, of liability for the service of Railway Debenture Stocks totalling £22 millions and carrying interest at 4½, 3½ and 3 *per cent.* The East Indian Railway debentures,

totalling 18½ millions, were taken over in the course of 1924-25, and less than a quarter of the interest payable in a full year was disbursed in that year. In addition, there was an increase of £17½ millions in 4½ per cent. ordinary debt, partially set off by a reduction of 2½ millions in the outstanding liability for British War Loan and of 6½ millions in the outstanding capital to be redeemed by Railway annuities.

*Discount on Treasury Bills* — 3,87

The amount of Treasury Bills outstanding was reduced from 51,77 lakhs on the 1st April 1924 to 43,15 lakhs on the 1st April 1929. A considerably lower level was reached in the intervening years 1926-27 and 1927-28.

*Special Loans and Treasury Notes* +32

These are funds deposited with Government by way of endowment of objects of a religious or charitable nature. The increase during the period was due to lump payments made in commutation of a number of outstanding liabilities.

*Deposits in Post Office Savings Banks* ... +36,42

The increase under this head is the result of the development of the saving habit among what may be called the "small investor" class. There was no change in the rate of interest paid on deposits, which remained at 3 per cent. throughout the period under review.

*Post Office Cash Certificates* +93,69

This also represents increased savings of the small investor. The amount of Cash Certificates outstanding on the 1st April 1924 was 8,42 lakhs: by the 1st April 1929 it had risen to 32,30 lakhs. The amount debited under this head covers nothing more than the sums actually paid as bonus on Certificates discharged during the year. It does not include the accumulated bonus on Certificates which must be discharged in the future. It is, therefore, so long as the net deposits continue to increase, no true measure of the annual liabilities of Government in connection with the sums borrowed by this means.

*State Provident Funds* ... +85,16

The heavy growth of interest paid on deposits in these Funds, in spite of a reduction in the rate from 5½ to 4¾ per cent., is due to the fact that the majority of the more important Funds has not yet reached a position of comparative

stability, while interest credited itself earns interest in later years. The deposits rose from 33,39 lakhs on the 1st April 1924 to 53,65 on the 1st April 1929.

*Service Funds* ... — 1,22

The decrease is mainly due to a decline in the deposits of the Bengal Uncovenanted Service Family Pension Fund.

*Postal Insurance and Life Annuity Fund.* +5,20

The rate of interest on this Fund has remained at 3½ per cent. throughout the period. The growth of expenditure is an indication of the increasing popularity of life insurance among Government servants of the lower grades.

*Deposits of local Governments* +8,76

The increase under this head is mainly due to the introduction in 1925-26 of an arrangement under which local Governments can place their temporarily surplus balances on fixed deposit with the central Government.

*Deduct—Interest passed on to local Governments.* +1,99,34

This head includes the interest on that portion of the public debt which has, in effect, been borrowed on behalf of the local Governments. The capital on which the interest is calculated is made up of the debt which, under Devolution Rules 23 and 24, was transferred to the provinces on the introduction of the reformed constitution, together with advances subsequently made to them under Devolution Rule 25, which have, since 1925-26, been treated as financed from the Provincial Loans Fund. It is noticeable that more than half of the increase, during the period under review, of interest paid on debt of all kinds to outside creditors of Government has been passed on to the local Governments.

*A.—Net Interest paid by the central Government as a whole* ... +1,71,82

The figures under this head represent the net total amount of interest paid by the central Government as a whole to its outside creditors. Of the total growth, as much as 85,79, or more than one-half, is due to the increased payments caused by the assumption of responsibility for the Debenture Stocks of the East Indian and Great

Indian Peninsula Railways. It thus represents the interest on the capital invested in the purchase of a larger proprietary share in the Railway system. The balance of the increase, as already indicated, is due to the flotation of new Rupee and Sterling loans, partially counterbalanced by a fall in the rate of interest and by the redemption of outstanding liabilities in respect of British War Loan and of the purchase price of Railways.

*Interest paid to the Railway and Posts and Telegraphs Departments on their Depreciation and Reserve Funds.* ... +1,13,80

In order to obtain a true idea of the amount of Interest paid by the "Civil Departments", it is necessary to add the interest credited to the Railway and Posts and Telegraphs Departments on their Depreciation and Reserve Funds. The balances of these Funds have actually been devoted to the financing of capital expenditure; and the commercial departments concerned are debited with interest on the capital so provided. The interest paid to them is, in fact, a partial set-off against the interest on debt proper which is passed on to the Departments. The great growth of the three Funds in question is responsible for the increase of payments under this head.

*Payments to the Post Office for Savings Bank and Cash Certificate work.* + 21,44

In order to distribute the cost of management of debt in due proportion between the civil and commercial departments, it is necessary to take account of these payments; which are actually brought to account by debit to the head Interest on Miscellaneous Obligations and by credit, through deduction from expenditure, in the accounts of the Posts and Telegraphs Department. The adjustment, with its counterbalancing credit and debit, produces, of course, no effect upon the accounts of the Government of India as a whole. The growth of expenditure under this head is due to the increase in the number of Savings Bank accounts and the expansion of the sale of Cash Certificates.

*Deduct—Interest passed on to Railway and Posts and Telegraphs Departments.* +7,89,84

The increase reflects the result of the heavy capital expenditure on Railways undertaken during the period under review.

B.—*Net Interest paid by the Civil Departments.* —4,83,13

This very interesting figure suggests the extent to which Government has been able to finance capital expenditure out of funds on which it pays either no interest at all or interest lower in rate than that which it recovers from the commercial departments to which the capital is made available. Instances of the former class are:—

- (i) Revenue surpluses.
- (ii) Appropriation for Reduction or Avoidance of Debt.
- (iii) Gain on revaluation, sale, etc. of assets of the Paper Currency Reserve.
- (iv) Gain by Exchange on Remittance Account.
- (v) Balances of the Depreciation Funds for Government Presses.

Under the second class come:—

- (vi) Balances of the Railway and Posts and Telegraphs Depreciation and Reserve Funds.
- (vii) Deposits in Post Office Savings Banks.
- (viii) Investments in Post Office Cash Certificates.
- (ix) (For some portion of the period under review) Deposits in Provident and Service Funds.
- (x) Deposits of local Governments.
- (xi) Deposits in the Postal Annuity and Life Insurance Fund.

It should be added that there is an apparently heavy gain on this account under Post Office Cash Certificates, which would be considerably reduced if revenue were debited each year with the amount of the bonuses which have accrued during the year. Even, however, if the necessary appropriations from revenue were made, the amounts appropriated would still be temporarily available for capital purposes.



*Deduct—Interest passed on to other Commercial Departments.* +15,47

This deduct entry is designed to eliminate interest which is debited elsewhere in the accounts with which this report deals.

*Deduct—Interest brought to account under Superannuation Allowances and Pensions, etc.* +5,11

This is another eliminating entry. Lump sum payments in commutation of pensions are treated, in the first instance, as financed from borrowed funds, and are paid back from revenue, over a series of years, in equated instalments of principal and interest. On the assumption that the commutations are originally financed from borrowed funds, a portion of the general charge for interest on debt, equal to the interest portion of each equated instalment, is passed on to the head "Superannuation Allowances and Pensions", and to the heads relating to departments which bear their own pensionary charges. This procedure was introduced for the first time in the course of the period under review.

*Interest on Depreciation Fund of the Northern India Salt Revenue Department.* +62

This interest, which is debited to revenue under the head Interest on Miscellaneous Obligations, is credited to a Deposit head, and thus does not return as revenue of Government. It is therefore necessary to take it into account in setting out the complete revenue expenditure upon Interest incurred by the Civil Departments.

*C.—Net Interest paid by non-commercial Civil Departments.* —5,03,09

This is the *net* amount of expenditure upon Interest and management of Debt brought to account under the two Interest heads after eliminating the figures relating to Departments with which this report is not concerned. The general reasons for the decrease are similar to those set forth above against line B.

3. In appraising the true cost of the management and service of the debt of the central Government, the three items of revenue given (in thousands of rupees) below may fairly be taken into account:—

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
Interest on Cash Balances invested in the United Kingdom (including Exchange).	62,69	61,07	55,55	19,77	20,65	21,98	..	40,71
Interest on Loans and Advances to Local Bodies, Government servants and others.	37,89	52,44	40,80	49,69	60,56	84,01	48,32	..
Interest on Securities of the Companies' Railways' Provident Funds.	36,67	29,34	3,02	..	..	..	..	36,67
<b>Total</b>	<b>1,37,05</b>	<b>1,43,45</b>	<b>99,37</b>	<b>69,46</b>	<b>81,21</b>	<b>1,07,99</b>	<b>48,32</b>	<b>77,38</b>

*Net Decrease* .. .. . —29,06

It seems reasonable to set off against a portion of the interest on temporary debt the proceeds of the temporary investment of cash balances which might, in theory, have been used to finance the expenditure to which the temporary loans were devoted. The interest on loans and advances is obviously a proper set-off against interest on debt, see-

ing that the loans are actually met from borrowed funds. The interest on Securities taken over with the responsibility for the Companies' Railways' Provident Funds operated to reduce the interest payable from general revenues upon deposits in these Funds. The last of these Securities was sold in 1926-27, and the proceeds were utilised to finance

capital expenditure. The growth in revenue from interest on loans and advances was mainly due to the growth of outstanding advances to Indian States.

4. Deducting these figures of revenue from the totals in line B of the main table, the following emerges as the true *net* expenditure of the civil departments on Interest and Management of Debt:—

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Figures in line B of main table	15,05,18	13,55,34	11,98,43	10,83,49	10,50,19	10,22,05	4,83,12
Deduct—Countervailing revenue	—1,37,05	—1,43,45	—99,37	—69,46	—81,21	—1,07,99	—29,06
<i>Net Total</i>	13,68,13	12,11,89	10,99,06	10,14,03	9,68,98	9,14,06	4,54,06

During the period, the cost of management of debt has risen from approximately 41,26 to 78,55; so that the decrease in the charge for Interest proper has amounted to 4,96,41.

#### Account No. 12.—Reduction or Avoidance of Debt.

The following table shows the expenditure on Reduction or Avoidance of Debt in each of the six years under review:—

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Sinking Funds for Rupee Loans	88,31,000	97,21,000	1,36,04,000	1,36,04,000	1,36,04,000	1,36,04,000	47,73,000
Other Appropriations	2,90,04,440	4,00,04,352	3,61,12,016	3,68,39,000	4,06,13,000	4,36,75,000	1,46,66,56
<i>Total</i>	3,78,39,440	4,97,25,352	4,97,16,016	5,04,43,000	5,42,17,000	5,72,79,000	1,94,39,560

2. The increase, which began in 1925-26, is the result of the adoption by Government in that year of a definite scheme of debt redemption from revenue. This scheme contemplates the annual provision of 4 crores of rupees, *plus* such additional sum as represents one eightieth part of the amount by which the *net* total of debt outstanding on the previous 31st March exceeded the amount outstanding on the 31st March 1923. In calculating these *net* totals, account is taken of the complete debt, permanent, floating and unfunded, with the exception of the Treasury Bills issued to the Paper Currency Reserve and the interest-bearing deposits of the local Governments. To the total provision so calculated was added, in 1925-26, a sum of 19 lakhs, being the amount of customs duty on capital stores imported on account of the central Government, and, in the four following years, 13,14,30 and 30 lakhs, being India's share of the reparation receipts under the Dawes Scheme.

3. The obligatory charges against the annual provision are the following:—

- (a) The Depreciation Funds of  $1\frac{1}{2}$  per cent. on the 5 per cent.

Rupee Loans of 1929-47 and 1945-55.

- (b) The Railway Sinking Funds now in operation.  
 (c) The capital portion of the annuities issued in purchase of railways.  
 (d) The capital portion of the annual payment in liquidation of India's outstanding liability for British War Loan.

The balance, if any, may be applied to the avoidance of new borrowing or to the repayment of such debt as the Governor General in Council may see fit to liquidate. Should the total of the obligatory charges exceed, in any year, the amount provided under the formula, the excess sum is to be charged to capital.

4. Of the four obligatory charges, the first is a rupee charge and is shown separately in the table given in paragraph 1 above. In the other three cases, the actual expenditure is sterling expenditure incurred in England. As, however, it is found more convenient to record in the Indian section of the accounts the entire expenditure from revenue upon the redemption of debt,

the full amount, expressed in rupees, is charged to revenue by credit to a deposit head; which is closed to "Government account" at the end of each year, thus merging the provision in general balances. The payments made in England, which are fixed in amount, are met from these balances, and brought

to account in the Debt section of the Government books.

5. The actual expenditure of each year of the series upon each of the objects specified in clauses (b), (c) and (d) of paragraph 3 above was as follows, the figures being expressed in pounds sterling:—

	Actuals, 1924-25. £	Actuals, 1925-26. £	Actuals, 1926-27. £	Actuals, 1927-28. £	Actuals, 1928-29. £	Budget, 1929-30. £	Increase. £	Decrease. £
Railway Sinking Funds	343,219	364,100	200,000	200,000	200,000	200,025	..	143,194
Capital portion of Annuities issued in purchase of Railways	1,258,966	1,302,383	1,347,348	1,393,918	1,442,152	1,492,125	233,159	..
Capital portion of the annual payment in liquidation of India's liability for British War Loan	464,705	487,682	512,009	531,629	555,170	592,050	127,345	..
Total	2,066,890	2,164,365	2,059,357	2,125,547	2,197,322	2,284,200	360,504	143,194
						Net Increase	217,310	
The same, converted into rupees at the average exchange rate of the year	2,83,29,621	2,85,97,687	2,76,08,356	2,84,51,084	2,93,46,554	3,04,56,000	21,26,379	

6. The noticeable features of the above table are the decrease in the payments into Railway Sinking Funds, which commenced in 1926-27, and the steady increase in the second and third items. The decrease in Sinking Fund payments was due to the realisation of the fact that the previous payments had been unnecessarily large in amount. The increase in the capital portion of the fixed instalments to which the second and third items relate is the inevitable result of the steady repayment of principal. As the outstanding capital becomes less, the interest payable upon it correspondingly decreases, with the result that the capital element in the fixed instalments grows greater. It is clear from the figures that the amount of the obligatory payments is not likely in the near future

to exceed that of the conventional provision. The margin has steadily increased during the past three years and stood, at the end of the period, at 1.32.

7. It is worthy of remark that, although over one-half of the obligatory payments represents the liquidation of liabilities incurred on behalf of the Railways, the Railway budget makes no contribution towards the amortisation. Its capital at charge is unaffected by the liquidation, and it continues to pay interest to general revenues on the full amount.

#### Account No. 13.—Staff, Household and Allowances of the Governor General.

The following table exhibits the expenditure under this head in each of the six years under review:—

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
1	2	3	4	5	6	7	8	9
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Salary of the Governor-General	2,50,800	2,56,499	2,50,000	2,50,800	2,50,800	2,50,800	..	..
Sumptuary Allowance of the Governor-General	40,000	40,000	40,000	40,000	40,000	40,000	..	..
Expenditure from the Contract Allowance	1,41,600	1,40,800	1,41,600	1,42,600	1,49,961	1,51,600	10,000	..
State Conveyances and Motors	30,182	48,370	44,620	30,200	42,873	39,300	9,118	..
Private Secretary to H. E. the Viceroy	2,36,459	2,06,708	1,84,258	1,72,272	1,93,327	2,05,300	..	31,159
Military Secretary to H. E. the Viceroy	2,65,632	2,78,422	2,84,535	2,78,175	3,34,171	3,08,500	42,868	..
Tour Expenses	4,11,828	6,48,720	4,83,017	5,21,331	4,20,038	4,67,500	55,672	..
Total	13,76,501	18,19,319	14,28,050	14,35,378	14,31,170	14,63,000	1,17,658	31,159
						Net Increase	86,499	

The table is not quite complete, as it excludes a certain amount of expenditure in England, which cannot be readily separated from outlay debitable to other sub-heads under the main head General Administration.

2. It will be seen that the total increase of expenditure is Rs. 86,499. The general position may be summed up, in terms of thousands of rupees, as follows. Of a total increase of 86 :—

27, representing special purchases for the Viceroy's House in New Delhi, is unusual expenditure of a non-recurring nature;

9, being the cost of maintenance of the Belvedere Gardens in Calcutta, has been transferred from the Civil Works Budget and is not a new charge;

9 is the amount of Customs duty on imported stores, which were exempt from such duty prior to 1925-26, and is covered by a corresponding increase of revenue in the Customs budget;

4 represents expenditure on the hire of motor conveyances,

which will cease with the term of office of the present Governor General.

In addition to the above, there was in 1929-30 an increased provision of 56 for Tour Charges, which are always a fluctuating item. It may be mentioned that the revised estimates of 1929-30 anticipated an under-spending of 14 on this sub-head, and the budget for 1930-31 showed a further reduction of 11.

The remaining features of the head are an increase of 7 on other items of the Military Secretary's budget, and a decrease of 31, mainly under postage and telegraph charges, in that of the Private Secretary.

3. The position may be summed up by stating that the expenditure of the six years does not suggest any permanent expansion of true expenditure under this head.

#### Account No. 14.—Executive Council.

The following table shows the expenditure under this head in each of the six years :—

Sub-Heads.	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay . . . . .	4,75,968	4,98,264	4,80,109	4,79,833	4,71,007	4,80,000	+4,032
Allowances, Honoraria, etc. . . . .	2,051	460	3,115	3,364	6,170	3,800	+1,749
Tour Expenses . . . . .	59,539	81,079	1,04,500	54,160	63,077	66,000	+6,461
Grants-in-Aid, etc. . . . .	..	..	..	1,603	2,891	1,200	+1,200
<b>Total . . . . .</b>	<b>5,37,558</b>	<b>5,79,803</b>	<b>5,87,724</b>	<b>5,38,960</b>	<b>5,43,145</b>	<b>5,51,000</b>	<b>+13,441</b>

The table is not quite complete, as it omits certain items of expenditure in England, which cannot readily be separated from outlay debitable to other sub-headings of the main head General Administration.

2. It will be seen that the total increase of the period amounts, in thou-

sands of rupees, to 13, of which 6 is under Tour Charges and 1 is the result of Lee concessions. The revised estimates for 1929-30 anticipated a saving of 10 under the provision for Tour Charges.

3. The figures do not suggest any appreciable expansion of expenditure of a permanent character.

**Account No. 15.—Legislative Bodies.**  
The following table gives the expen-

diture under this head in each of the six years under review.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Council of State.</i>								
Pay of President	51,593	52,400	51,000	51,000	51,000	51,000	..	593
Allowances, Honoraria, etc., of Members	1,54,703	1,20,165	1,25,600	1,28,531	75,620	1,28,400	..	26,303
Contingencies	..	..	..	..	1,291	6,400	6,400	..
Grants-in-Aid, etc.	..	..	..	1,150	1,814	600	600	..
<i>Legislative Assembly.</i>								
Pay of President and Deputy President	45,782	56,438	33,797	50,886	49,798	52,000	6,218	..
Allowances, Honoraria, etc., of Members	4,43,498	3,75,261	3,37,322	3,52,803	2,68,082	3,48,900	..	94,598
Pay of Officers of Legislative Assembly Department	..	..	..	..	8,933	83,400	83,400	..
Pay of Establishment of Legislative Assembly Department	3,000	3,000	3,000	3,000	25,328	2,13,700	2,10,700	..
Allowances, etc., of Establishment of Legislative Assembly Department	..	..	..	..	..	38,800	38,800	..
Contingencies	24,276	17,363	23,138	25,953	34,508	62,000	37,724	..
<b>Total</b>	<b>7,22,852</b>	<b>6,24,627</b>	<b>3,73,857</b>	<b>6,13,323</b>	<b>5,16,372</b>	<b>9,85,200</b>	<b>3,83,842</b>	<b>1,21,494</b>
							<b>Net Increase</b>	<b>2,62,348</b>

2. It will be seen that the expenditure has risen by 2,63 during the period under review. The principal cause of this is the creation of the Legislative Assembly Department with effect from the 10th January 1929; but the cost of this measure has been partially off-set by a saving in allowances, etc., paid to legislators of both Chambers owing to the shorter duration of sessions and the smaller attendance of members.

3. The actual provision for the Legislative Assembly Department made in the budget of 1929-30 was 3,33, and about 24 of the increase under Contingencies may be ascribed to the creation of this department, making a total of 3,57. The whole of this is not, however, new outlay. When the Department was created, charges amounting to about 1,85 were transferred to it from the Legislative Department of the Secretariat; distributed over the following sub-heads:—

Pay of Officers	45
Pay of Establishment	1,21
Allowances, etc.	14
Contingencies	6
	<hr/>
	1,85
	<hr/>

The true increase due to the creation of the new department is thus in the neighbourhood of 1,54; of which about 4 represents increments granted to the staff transferred. The balance is due to the new officers, assistants and clerks employed; and, as these are all remunerated on time scales of pay, their cost must continue to increase for some years to come. The staff taken over consisted of—

- 1 Joint Secretary.
- 1 Superintendent.
- 8 Reporters.
- 25 Assistants, Clerks and Stenographers.
- 1 Translator.
- 23 Servants.

The present establishment comprises—

- 1 Secretary.
- 1 Deputy Secretary.
- 1 Assistant Secretary.
- 2 Superintendents.
- 9 Reporters.
- 17 Assistants.
- 24 Clerks.
- 2 Stenographers.
- 1 Translator.
- 57 Servants.

It has presumably been proved that there is sufficient work for an establishment of this size even during the months when the Assembly is not sitting.

4. Of the growth of expenditure under Contingencies, 20 represents provision for the cost of priced publications of Government, which is counter-balanced by equivalent revenue under the head Stationery and Printing. The provision for Contingencies of the Council of State is a mere transfer from the corresponding head in the Assembly budget, which previously met the contingent charges of both Chambers.

5. The position under this head may be summarised by stating that, of the apparent increase of 2,62, 1,85 is a transfer from the head Legislative Department and 20 is covered by specific

increase of revenue. The balance of 57 is the true growth of expenditure. This is entirely due to the creation of the Legislative Assembly Department and would have been far greater had it not been partially counter-balanced by a reduction in the allowances paid to the members of the two Chambers.

#### Account No. 16.—Public Service Commission and Staff Selection Board.

The following table exhibits the expenditure under this head in each of the six years under review. It seems desirable to consider the expenditure of the Staff Selection Board together with that of the Commission, as the former was absorbed by the latter when it came into existence in 1926-27.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease..
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Public Service Commission.</i>								
Pay of Officers . . . . .	..	..	1,22,781	2,49,751	2,58,002	2,56,800	2,56,800	..
Pay of Establishment . . . . .	..	..	13,281	37,809	46,684	52,500	52,500	..
Allowances, Honoraria, etc. . . . .	..	..	40,288	64,035	67,250	40,500	40,500	..
Grants-in-Aid, etc. . . . .	..	..	..	1,839	2,030	1,200	1,200	..
Contingencies . . . . .	..	..	24,813	24,770	25,617	20,000	20,000	..
<i>Staff Selection Board . . . . .</i>	11,152	10,208	2,132	..	..	..	..	11,152
<b>Total . . . . .</b>	<b>11,152</b>	<b>10,208</b>	<b>2,03,295</b>	<b>3,78,204</b>	<b>3,99,583</b>	<b>3,71,000</b>	<b>3,71,000</b>	<b>11,152</b>
							<b>Net Increase . . . . .</b>	<b>3,59,848</b>

2. It will be seen that the expenditure has increased by 3,60 during the period. The present cost of the Commission is 3,71, having decreased since 1928-29 owing to the transfer of charges approximating 30, being the cost of holding examinations, to the head Miscellaneous Departments. In addition to the five Members and their Secretary, the Public Service Commission employs a staff of 1 Superintendent, 4 Assistants, 12 permanent and 1

temporary clerks and 5 stenographers; all on attached offices rates of pay. The cost of the clerical staff must, owing to the accrual of increments, be expected to increase for some years to come.

#### Account No. 17.—Foreign and Political Department.

The following table shows the expenditure in India of this Department of the Secretariat in each of the six years under review.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers . . . . .	3,13,413	2,97,016	3,12,744	3,70,720	3,12,830	3,25,600	12,187	..
Pay of Establishment . . . . .	3,42,779	3,49,847	3,72,318	3,83,700	3,99,520	4,33,700	90,921	..
Allowances, Honoraria, etc. . . . .	94,359	1,01,917	1,13,711	1,07,129	1,02,179	1,02,600	18,241	..
Postage, Telegraph and Telephone Charges . . . . .	70,402	1,17,937	1,29,830	1,47,241	1,53,676	1,35,000	64,598	..
Other Contingencies . . . . .	32,773	30,782	29,953	29,826	28,981	42,100	9,327	..
Grants-in Aid, etc. . . . .	..	..	550	600	1,592	..	..	..
<b>Total . . . . .</b>	<b>8,53,726</b>	<b>8,97,559</b>	<b>9,59,156</b>	<b>10,39,216</b>	<b>9,98,778</b>	<b>10,39,000</b>	<b>1,85,274</b>	<b>..</b>
							<b>Net Increase . . . . .</b>	<b>1,85,274</b>

2. It will be seen that the total increase during the period amounts to 1,85. The variations under individual sub-heads are examined below.

(a) *Pay of Officers.*—Comparing the staff of officers at the beginning and end of the period under review, there have been the following changes:—

- (i) A new post of Under Secretary has been created.
- (ii) A post of Registrar has been converted into a post of Assistant Secretary.
- (iii) A new permanent post of Superintendent has been created.

An additional cause of increased expenditure during 1929-30 was the creation of a temporary post of Joint Secretary for six months. On the other hand, provision of 6 for sterling overseas pay has been transferred from the Indian to the English portion of the accounts.

(b) *Pay of Establishment.*—The following table compares the strength of the clerical staff of the office on the 1st April 1924 and the 1st April 1930 respectively:—

	1924.	1930.
<b>Permanent Staff—</b>		
Assistants . . . . .	46	54
Clerks . . . . .	63	67
Inferior Servants . . . . .	91	95
<b>Temporary Staff—</b>		
Assistants . . . . .	..	6
Clerks . . . . .	..	6
Inferior Servants . . . . .	26	36
<b>Total:—Assistants and Clerks</b>	109	133
<b>Inferior Servants</b>	117	131

The principal cause of expansion of establishment has been the creation of the Cypher Bureau, which receives and issues cypher telegrams on behalf of all departments of the Government of India. That Bureau employed, at the end of 1929-30, 5 Assistants, 3 Clerks and 2 Lady Typists. A further increase of permanent strength was due to the addition of 3 Assistants and 1 Clerk in order to make possible the institution of a new branch of the office.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers . . . . .	2,56,982	2,58,410	2,07,891	2,77,779	3,03,509	2,66,800	9,818	..
Pay of Establishment . . . . .	1,90,414	1,99,775	2,11,265	2,17,804	2,26,135	2,52,100	61,686	..
Allowances, Honoraria, etc. . . . .	54,637	56,828	51,054	41,918	53,380	51,700	..	2,937
Contingencies . . . . .	76,828	66,318	56,428	51,432	51,127	48,700	..	28,128
Grants-in-Aid, etc. . . . .	..	..	5,641	3,600	7,766	3,200	3,200	..
<b>Total . . . . .</b>	<b>5,78,861</b>	<b>5,81,337</b>	<b>5,32,279</b>	<b>5,92,533</b>	<b>6,41,917</b>	<b>6,22,500</b>	<b>74,704</b>	<b>31,065</b>
							<b>Net Increase</b>	<b>43,639</b>

The temporary staff is mainly employed in connection with the revision of Aitchison's Treaties. The engagement of this new staff, together with the accrual of normal increments, is the cause of the increase of 91 under this sub-head. The effect of increments is enhanced by the fact that as many as 7 Assistants and 8 Clerks were newly employed to form a Leave Reserve in 1924-25. With over a quarter of the establishment filling posts created during the past seven years, it is clear that some years must elapse before time-scale expenditure can reach equilibrium.

(c) *Allowances, etc.*—The increase of 8 is comparatively small in view of the expansion of establishment.

(d) *Postage, Telegraph and Telephone Charges.*—The bulk of the increase under this sub-head is due to the institution of the Cypher Bureau, which issued in the calendar year 1929 as many as 1,401 telegrams on behalf of other departments of Government, as well as 2,570 which emanated from the Foreign and Political Department itself. The corresponding figures of 1926 were 798 and 1,361.

The telephone charges of this office are relatively heavy, every Superintendent being provided with an instrument at his residence. The cost was between 10 and 12 in each of the later years of the series.

(e) *Other Contingencies.*—The increase under this sub-head is nominal only. The budget of 1929-30 includes provision of 15 to meet the cost of priced publications of Government. There is thus a true decrease of 6 in expenditure.

#### Account No. 18.—Home Department, Main Office.

The following table sets forth the expenditure in India under this head in each of the six years under review.

2: The growth of expenditure during the six years' period has been 44. The principal variations under sub-heads are examined below.

(a) *Pay of Officers.*—In 1924-25, there was an officer on special duty in connection with the report of the Lee Commission, while a temporary additional Deputy Secretary was employed to relieve the Joint Secretary, who was acting as Secretary of the Reforms Enquiry Committee in addition to his own duties. The budget for 1929-30 provided for two officers on special duty in connection with Reforms. The expenditure on special duty officers was thus approximately unchanged. The increase of 10 may be ascribed to the appointment of an additional permanent Superintendent and of a temporary Superintendent for six months to do Reforms work.

(b) *Pay of Establishment.*—The following table compares the clerical strength of the office as it stood on the 1st April 1924 and the 1st April 1930 respectively :—

	1924.	1930.
<b>Permanent Staff—</b>		
Assistants . . . .	24	25
Clerks . . . . .	38	38
Inferior Servants . . . .	60	68
<b>Temporary Staff—</b>		
Assistants . . . . .	1	8
Clerks . . . . .	2	5
Inferior Servants . . . .	4	15
<b>Total :—Assistants and Clerks . . . . .</b>		
	65	76
<b>Inferior Servants . . . . .</b>		
	64	83

The increase in strength is almost entirely due to the formation of a temporary Reforms Branch, which cost 26 out of the total increase of 62 under this sub-head. The bulk of the balance is put down to the accrual of increments. The cost of increments, in this case as in that of other Secretariat departments, was increased by the formation of a Leave Reserve in the first months of the year 1924. This involved, in the case of the Home Department, an addition to the strength of 4 assistants and 6 clerks, whose pay will expand steadily for some years to come.

(c) *Allowances, Honoraria, etc.*—Under this sub-head there is an apparent decrease of 3. The cost of I.C.S. examinations was, however, transferred to the head Miscellaneous Departments during the period under review, involving a reduction of 5. The true variation is, therefore, an increase of 2.

(d) *Contingencies.*—The heavy fall of 28 under this sub-head is ascribed to the exercise of strict economy. A considerable portion of it must, however, be due to the transfer to the Cypher Bureau of the Foreign and Political Department of the cost of foreign telegrams of the Home Department, which numbered 678 in the calendar year 1929 and 408 in the first four months of 1930.

(e) *Grants-in-Aid, etc.*—This new expenditure of 3 represents the cost of passage contributions under the Lee Concessions.

#### Account No. 19.—Home Department: —Bureau of Public Information.

The following table shows the expenditure in India under this head in each of the six years under review.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, <sup>1</sup> 1929-30.	Increase.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers . . . . .	40,500	35,803	41,874	35,100	41,144	45,400	4,900
Pay of Establish- ment . . . . .	30,991	30,200	31,940	32,064	33,895	37,800	6,809
Other Charges . . . . .	61,570	68,667	68,985	73,013	72,591	76,800	15,230
	1,33,061	1,34,670	1,42,799	1,40,771	1,47,630	1,60,000	26,939



2. The table shows an increase of 27 in the course of the six years' period. Of this, 12 under Contingencies represents provision for the cost of priced publications of Government, which is counterbalanced by corresponding revenue under the head Stationery and Printing. Of the balance of 15, about 9 is due to increase of staff and the revision of pay of an officer and a further 4 to the accrual of increments.

3. The following table compares the permanent clerical establishment of the Bureau, as it stood on the 1st April 1924 and the 1st April 1930 respectively.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers	1,48,298	1,63,533	1,45,966	1,67,869	1,87,224	1,76,500	28,202	..
Pay of Establishment	90,490	1,07,001	1,12,415	1,29,286	1,36,552	1,49,000	58,510	..
Allowances, Honora- ria, etc.	42,873	49,046	48,379	48,558	54,917	52,000	9,127	..
Secret Service	2,49,500	2,18,496	1,93,500	1,92,350	2,09,780	2,40,000	..	9,500
Other Contingencies	26,330	30,611	31,066	31,593	37,410	40,000	13,670	..
Grants-in-Aid, etc.	..	..	48	4,612	5,057	..	..	..
Total	5,57,491	5,69,587	5,31,374	5,74,268	6,30,940	6,57,500	1,09,509	9,500
						<i>Net Increase</i>	1,00,009	

2. The increase of expenditure during the six years' period has, therefore, been 1,00. The principal variations under sub-heads are examined below:—

(a) *Pay of Officers.*—Comparing the position at the beginning and the end of the period, the following are the more important changes in the staff of officers of the Bureau:

- (i) A Deputy Director has been substituted for an Assistant Director.
- (ii) A Deputy Superintendent of Police has been promoted to be Superintendent.
- (iii) A purely temporary post of Officer on Special Duty has been created for specific work.

The Officer on Special Duty alone was expected to cost 29 in 1929-30; and the increase due to the other changes is counterbalanced by the absence of provision for leave-salary. It may be mentioned, however, that the revised estimates of 1929-30 anticipated excess expenditure of 36 under this sub-head; while the budget figure for 1930-31 is no more than 1,51.

There was no temporary staff in either year.

	1924.	1930.
Permanent Staff—		
Assistants . . . .	6	7
Clerks . . . . .	3	5
Inferior Servants . . . .	8	12
Total: Assistants and Clerks . . . . .	9	12
Inferior Servants . . . . .	8	12

There has been an increase of 3 assistants and clerks and 4 inferior servants.

#### Account No. 20.—Home Department: —Intelligence Bureau.

The following table exhibits the expenditure in India under this head in each of the six years under review.

(b) *Pay of Establishment.*—The following table compares the clerical staff of the Bureau as it stood on the 1st April 1924 and the 1st April 1930 respectively:—

	1924.	1930.
Permanent Staff—		
Assistants . . . . .	17	22
Clerks . . . . .	5	13
Inferior Servants . . . . .	43	49
Temporary Staff—		
Assistants . . . . .	..	2
Clerks . . . . .	..	1
Inferior Servants . . . . .	..	1
Total: Assistants and Clerks . . . . .	22	38
Inferior Servants . . . . .	43	50

The increase in permanent staff was due to the general growth of work and the creation of an indexing section. The temporary staff was attached to the Officer on Special Duty. The growth of expenditure was caused partly by this expansion of establishment and partly by an extensive revision of pay and the accrual of normal increments.

(c) *Allowances, Honoraria, etc.*—There was a special provision of 2 in the budget of 1929-30 on account of an honorarium paid for the weeding of old records. The balance of the increase is a natural result of the expansion of staff.

(d) *Secret Service.*—The expenditure under this head fluctuates from year to year. Though the budget provision for 1929-30 falls short by 9 of the actual outlay of 1924-25, it exceeds that of each intervening year. The provision for

1930-31 went up by a further 20.

(e) *Other Contingencies.*—The increase of 14 is the natural result of the expansion of staff.

### Account No. 21.—Legislative Department.

The following table shows the expenditure in India under this head in each of the six years under review :—

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers . . . . .	2,53,903	2,70,589	2,76,509	2,96,832	2,94,742	2,52,500	..	1,407
Pay of Establishment . . . . .	2,81,437	2,96,077	3,10,207	3,10,872	2,98,893	1,87,700	..	93,733
Allowances, Honoraria, etc. . . . .	58,443	63,606	57,797	62,272	52,412	44,000	..	14,443
Contingencies . . . . .	43,399	45,285	43,312	44,583	35,338	50,000	6,601	..
Translators Department . . . . .	7,193	6,857	6,276	6,752	7,217	4,700	..	2,493
Grants in-Aid, etc. . . . .	..	..	2,926	3,143	5,407	2,100	2,100	..
<b>Total . . . . .</b>	<b>6,44,375</b>	<b>6,82,414</b>	<b>6,97,027</b>	<b>7,24,454</b>	<b>6,94,009</b>	<b>5,41,000</b>	<b>8,701</b>	<b>1,12,076</b>
						<i>Net Decrease</i>		<b>1,03,375</b>

2. It will be seen that the result of the working of the six years was a reduction of expenditure by Rs. 1,03,375. This reduction was, however, entirely due to the creation of the Legislative Assembly Department from the 1st January 1929. That creation relieved the Legislative Department of expenditure, expressed in thousands of rupees, amounting approximately to 1,85, as follows :—

Pay of Officers . . . . .	45
Pay of Establishment . . . . .	1,18
Allowances . . . . .	14
Contingencies . . . . .	6
Translators' Department . . . . .	2
<b>Total . . . . .</b>	<b>1,85</b>

3. Omitting from consideration this transfer of 1,85, the expenditure of the Department has grown by approximately 82. The sub-heads which principally contributed to this growth were :—

Pay of Officers . . . . .	+ 44
Pay of Establishment . . . . .	+ 24
Contingencies . . . . .	+ 13

Of these, an additional provision of 12 under Contingencies, to meet the cost of priced publications, is purely

nominal, being set off by corresponding revenue under the head Stationery and Printing.

Of the growth under Pay of Officers, 18 is due to the fact that two posts remained vacant during a portion of 1924-25. The balance is due to the appointment of two officers on temporary special duty, to the raising of the pay and status of several officers and to the accrual of increments.

The growth under Establishment is ascribed entirely to the accrual of increments. There is no Leave Reserve in this Department. The following table compares the strength of the clerical staff as it stood on the 1st April 1924 and the 1st April 1930 respectively :—

	1924.	1930.
<b>Permanent Staff—</b>		
Assistants . . . . .	27	18
Clerks . . . . .	35	26
Inferior Servants . . . . .	65	42
<b>Temporary Staff—</b>		
Assistants . . . . .	..	1
Clerks . . . . .	..	3
Inferior Servants . . . . .	38	29
<b>Total: Assistants and Clerks . . . . .</b>	<b>62</b>	<b>48</b>
<b>Inferior Servants . . . . .</b>	<b>103</b>	<b>71</b>

4. The position as a whole may be summarised by stating that, out of a true growth of expenditure by 52, about 40 may be regarded as a permanent increase in the cost of the office.

#### Account No. 22.—Department of Education, Health and Lands.

The following table sets forth the expenditure in India under this head in each of the six years under review.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Secretariat Office.</i>							
Pay of Officers . . . . .	1,86,275	1,81,870	1,89,464	2,18,875	2,53,227	2,27,200	40,925
Pay of Establishments . . . . .	2,04,628	2,22,521	2,32,379	2,68,205	2,86,739	2,87,800	83,172
Allowances, Honoraria, etc. . . . .	64,016	72,441	59,453	68,037	67,250	76,300	12,284
Contingencies . . . . .	51,660	54,339	48,812	51,820	68,652	54,300	2,640
Grants-in-Aid, etc. . . . .	..	..	5,530	3,031	4,303	2,400	2,400
<i>Office of Keeper of the Records . . . . .</i>	98,089	1,00,531	1,21,296	1,35,698	1,20,922	1,25,000	26,911
<b>Total . . . . .</b>	<b>6,04,668</b>	<b>6,31,702</b>	<b>6,56,934</b>	<b>7,45,666</b>	<b>8,01,093</b>	<b>7,73,100</b>	<b>1,68,332</b>

2. It will be seen from the table that there has been an increase of expenditure by 1,68 during the six years' period. The principal variations under individual sub-heads are examined below.

(a) *Pay of Officers.*—Of the total increase of 41, as much as 36 is due to the appointment of a temporary Joint Secretary. The balance was the result of the conversion of a post of Registrar into one of Assistant Secretary, and the transfer of a post of Superintendent from the head Forests when the headquarters of the Inspector General of Forests were moved to Dehra Dun. The resultant growth of expenditure was reduced by the effect of changes of incumbents of the posts of Deputy and Under Secretary.

(b) *Pay of Establishment.*—The following table compares the strength of the clerical staff of the Secretariat office as it stood on the 1st April 1924 and the 1st April 1930 respectively:—

	1924.	1930.
<b>Permanent Staff—</b>		
Assistants . . . . .	29	35
Clerks . . . . .	42	47
Inferior Servants . . . . .	63	71
<b>Temporary Staff—</b>		
Inferior Servants . . . . .	..	4
<b>Total : Assistants and Clerks . . . . .</b>	<b>71</b>	<b>82</b>
<b>Inferior Servants . . . . .</b>	<b>63</b>	<b>75</b>

This increase of staff was due to the transfer of establishment to this office on the occasion of the removal to Dehra Dun of the headquarters of the Inspector General of Forests. In all, 4 assist-

ants, 6 clerks and 12 inferior servants, whose pay, etc., were previously debited to the head Forests, then became a charge against the budget of the Secretariat department. The pay of this staff, at the time of transfer, was approximately 27. The balance of the increase under the sub-head is mainly due to the accrual of increments; the effect of which, in this case also, was enhanced by the creation in 1923-24 of a leave-reserve of 11 assistants and clerks.

(c) *Allowances, Honoraria, etc.*—On the transfer of staff from "Forests," the Secretariat office assumed responsibility for hill journey allowances, etc., of the transferred establishment amounting to approximately 11. The balance of the increase is due to provision in the budget of 1929-30 for the travelling expenses of the Joint Secretary on a projected tour to Ceylon and Malaya.

(d) *Contingencies.*—The increase is nominal, as the budget of 1929-30 contained provision of 9 for the cost of priced publications of Government, which is covered by corresponding revenue under the head Stationery and Printing.

(e) *Grants-in-Aid, etc.*—The new provision of 2 represents contributions for passages under the Lee Concessions.

(f) *Office of the Keeper of the Records.*—Of the total growth of 27, an increase of 5 under Contingencies represents provision for the cost of priced publications, and is counterbalanced by corresponding revenue under Stationery and

Printing. Increases of 4 and 9 under Pay of Officers and Pay of Establishment respectively are the result of normal increments. The bulk of the balance is due to the transfer from Calcutta to New Delhi of a portion of the office, with its natural result of increased expenditure on travelling allowance and contingencies. It is expected that the complete office will be in a position to be moved within the next ten years, and thereafter the contingent expenditure upon carriage of records should show a decline.

3. In summarising the causes of the

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers . . . . .	1,88,637	1,83,743	2,10,661	2,13,557	2,33,719	2,22,900	34,203
Pay of Establishment . . . . .	2,09,264	2,17,796	2,42,538	2,61,024	2,73,836	2,83,900	74,636
Allowances, Honoraria, etc. . . . .	50,932	68,604	60,816	62,602	64,553	66,100	15,168
Contingencies . . . . .	36,648	48,486	44,725	45,537	32,239	52,600	15,952
Grants-in-Aid, etc. . . . .	..	..	4,904	1,273	1,887	600	609
<b>Total</b> . . . . .	<b>4,85,481</b>	<b>5,12,629</b>	<b>5,63,644</b>	<b>5,83,993</b>	<b>6,08,234</b>	<b>6,26,100</b>	<b>1,40,619</b>

2. The total increase of expenditure amounts to 1,41. The important variations under individual sub-heads are examined below.

(a) *Pay of Officers*.—The principal changes which took place during the period under review were:—

- (i) Conversion of the temporary post of Budget Officer from a five-monthly into a twelve-monthly post.
- (ii) Substitution of an Assistant Secretary for a Chief Superintendent.
- (iii) Creation of two additional posts of Superintendent.

These changes account for 23 out of the total increase of 34. The balance of 11 is ascribed to changes in personnel and accrual of increments. It may be mentioned that the budget provision under this head for 1930-31 rose to 3,07, an increase of 84, owing to the creation of temporary posts of Additional Secretary and Expenditure Officer.

(b) *Pay of Establishment*.—The following table compares the clerical and inferior staff of the department, paid

from this sub-head, as it stood on the 1st April 1924 and the 1st April 1930 respectively:—

	1924.	1930.
<b>Permanent Staff—</b>		
Assistants . . . . .	20	36
Clerks . . . . .	33	47
Inferior Servants . . . . .	42	50
<b>Temporary Staff—</b>		
Assistants . . . . .	..	1
Clerks . . . . .	1	6
Inferior Servants . . . . .	..	2
<b>Total: Assistants and Clerks</b> . . . . .	<b>60</b>	<b>90</b>
<b>Inferior Servants</b> . . . . .	<b>42</b>	<b>52</b>

It appears that there has been an increase in seven years of 24 permanent and 6 temporary Assistants and clerks, and of 8 permanent and 2 temporary inferior servants. A great part of this increase took place after the budget for 1929-30 was framed. In September 1929, the Expenditure branches were strengthened by the permanent addition of 4 Assistants and a clerk, while a clerk was added to the General Branch. On

### Account No. 23.—Finance Department, Ordinary Branch.

The following table shows the expenditure in India under this head in each of the six years under review.

the 1st April 1930, 2 permanent Assistants, 4 clerks and 1 inferior servant, as well as 2 temporary clerks, were appointed to constitute the new Schedule Branch, which is expected to facilitate general control over the expenditure of the Government of India. There remains, covered by the budget provision for 1929-30, a permanent increase of 4 Assistants, 8 clerks, and 7 inferior servants and a temporary increase of 1 Assistant, 4 clerks, and 2 inferior servants. Of these, 4 permanent posts of Assistants, 3 of clerks and 2 of inferior servants were created in connection with the sub-division of the over-worked Expenditure Branch and the nucleus of the Schedule Branch, and 5 clerks and 1 inferior servant were added to the General Branch.

The temporary Assistant is employed as Personal Assistant to the Hon'ble Finance Member, and the 4 remaining temporary clerks are working in different sections of the office. The permanent and temporary additions to the inferior staff consist mainly of additional peons in personal attendance on officers.

As a necessary sequel to the increase of staff after August 1929, the budget provision under this sub-head for 1930-31 has risen to 3.25; an increase of 41 over that of the preceding year.

(c) *Allowances, Honoraria, etc.*—The increase of 15 is the inevitable result of the growth of establishment, which must lead to greater expenditure on hill journey allowances and house-rent and Simla allowances.

Here also there is an increase of 23 in the budget provision for 1930-31.

(d) *Contingencies.*—Of the increase of 16, 12 represents provision for the cost of priced publications, which is covered by an increase of revenue under the head Stationery and Printing. The bulk of the remainder is due to an increase in the number of temporary inferior servants who are paid from the contingent grant.

3. It will be seen from the above that the considerable increase of expenditure under this head is due partly to general growth of work but principally to arrangements made in order to secure more efficient control over the expenditure of the Central Government generally.

#### Account No. 24.—Finance Department (Military Finance).

The following table sets forth the expenditure in India under this head in each of the six years under review.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers . . . . .	2,84,164	2,70,912	2,71,824	2,91,115	3,20,135	2,86,700	2,536	..
Pay of Establishment . . . . .	1,88,320	2,24,743	2,70,155	2,78,215	2,92,550	2,90,500	1,02,180	..
Allowances, Honoraria, etc. . . . .	52,020	59,674	68,993	78,810	77,746	75,900	23,880	..
Contingencies . . . . .	28,332	33,368	32,187	26,419	17,657	19,800	..	8,532
Grants-in-Aid, etc. . . . .	..	..	2,410	4,172	3,884	3,000	3,000	..
Total . . . . .	5,52,836	5,88,697	6,45,569	6,78,731	7,11,972	6,75,900	1,31,596	8,532
						Net Increase	1,23,064	

2. It will be seen that the expenditure has risen by 1.23 during the six years' period. The variations under individual sub-heads are examined below.

(a) *Pay of Officers.*—The increase is mainly due to the appointment of an additional Superintendent and the grant of special pay, for performing the duties of Deputy Financial Adviser, to

an officer paid from the military budget. Against this additional cost must be set off a saving in provision for leave-salary.

(b) *Pay of Establishment.*—The bulk of the increase is due to expansion of staff. The following table shows the strength of the clerical and ministerial establishment as it stood on the 1st April

1924 and the 1st April 1930 respectively :—

	1st April 1924.	1st April 1930.
<b>Permanent Staff—</b>		
Assistants . . . . .	30	39
Clerks . . . . .	42	61
Inferior Servants . . . . .	39	51
<b>Temporary Staff—</b>		
Inferior Servants . . . . .	2	..
<b>Total :—Assistants and</b>		
Clerks . . . . .	72	100
Inferior Servants . . . . .	41	51

Of the increase of 28 assistants and clerks, 15 were transferred from the military to the civil budget with the Royal Air Force Finance Section and the Budget Section of the Military Accountant General's office. This involved an increase in expenditure of 57. A

further considerable addition to staff was due to the employment of an establishment to revise and keep up to date the priced lists of certain categories of military stores.

The accrual of increments accounts for the balance of the increase under this sub-head.

(c) *Allowances, Honoraria, etc.*—The growth of 24 is due to the transfers of staff described above.

(d) *Contingencies.*—The decrease of 9 is said to be due to the exercise of economy.

(e) *Grants-in-Aid, etc.*—This new provision is the result of Lee Concessions.

#### Account No. 25.—Commerce Department.

The following table exhibits the expenditure in India under this head in each of the six years under review.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers . . . . .	1,20,041	1,25,416	1,37,123	1,68,931	1,71,039	1,50,300	30,259	..
Pay of Establishment . . . . .	1,20,498	1,34,356	1,41,253	1,46,745	1,42,810	1,87,400	66,902	..
Allowances, Honoraria, etc. . . . .	33,517	43,739	36,249	44,052	42,201	45,500	11,983	..
Contingencies . . . . .	47,995	25,599	25,243	26,239	28,893	30,100	..	17,89c
Grants-in-Aid, etc. . . . .	..	..	4,437	1,722	1,366	1,200	1,200	..
<i>Deduct—Recoveries</i> . . . . .	..	..	..	..	..	—13,500	..	13,500
<b>Total . . . . .</b>	<b>3,22,051</b>	<b>3,29,110</b>	<b>3,44,305</b>	<b>3,87,689</b>	<b>3,86,309</b>	<b>4,01,000</b>	<b>1,10,344</b>	<b>31,395</b>
						<i>Net Increase</i>	<b>78,949</b>	

2. The principal cause of the increase of 79 is expansion of staff owing to;—

- (i) the activities of the Tariff Board;
- (ii) the transfer of Ecclesiastical work from the Department of Education, Health and Lands; and
- (iii) the centralisation of work connected with Navigation and the Mercantile Marine.

The variations under individual sub-heads are examined in the following paragraph.

3. (a) *Pay of Officers.*—The increase of 30 is due to the addition of a permanent post of Deputy Secretary, now temporarily replaced by a Joint Secretary, and of a temporary post of Superintendent. The growth would have been

greater but for the fact that a temporary post of Joint Secretary was in existence for three months of 1924-25.

(b) *Pay of Establishment.*—The following table compares the strength of the office staff on the 1st April 1924 and the 1st April 1930 respectively :—

	1924.	1930.
<b>Permanent—</b>		
Assistants . . . . .	16	18
Clerks . . . . .	24	26
Inferior Servants . . . . .	33	38
<b>Temporary—</b>		
Assistants . . . . .	..	6
Clerks . . . . .	2	8
Inferior Servants . . . . .	..	10
<b>Total . . . . .</b>	<b>75</b>	<b>106</b>
<b>Increase—</b>		
Assistants and Clerks . . . . .		+16
Inferior Servants . . . . .		+15

These additions to staff, which were necessitated by the increase of work described in paragraph 2 above, are the cause of at least half of the increase of 67 under this sub-head. The balance may be ascribed to the accrual of normal increments.

(c) *Allowances, Honoraria, etc.*—The increase of 12 is a natural result of the growth of staff.

(d) *Contingencies.*—The true decrease is 20, as the budget for 1929-30 contained provision of 2 to meet the cost of priced publications of Government, which is counterbalanced by a credit to revenue under the head Stationery and Printing. The decrease is due to the non-recurrence of certain charges which occurred in 1924-25; notably a charge of 14 for the maintenance of the S. S. "Dufferin", which is now included under the head "Ports and Pilotage".

(e) *Grants-in-aid, etc.*—The new charge of 1 is a contribution for passages under the Lee concessions.

(f) *Deduct—Recoveries.*—The new minus entry of 13 represents a recovery from the Lighthouse Fund, whose accounts are kept on a commercial basis, on account of the work connected with the administration of Lighthouses and Lightships which is performed in the Commerce Secretariat. It should be taken in reduction of expenditure under the first three sub-heads of the account.

### Account No. 26.—Army Department.

The following table shows the expenditure in India under this head in each of the six years under review:—

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers . . . . .	2,35,636	2,23,196	2,24,429	2,34,203	2,09,213	2,32,100	..	3,536
Pay of Establishment . . . . .	3,00,592	2,52,926	2,50,943	2,57,613	2,80,030	3,04,400	3,808	..
Allowances, Honoraria, etc. . . . .	53,742	65,432	55,576	61,754	62,872	57,000	3,258	..
Grants-in-Aid, Contributions, etc. . . . .	..	..	2,618	1,200	2,427	1,800	1,800	..
Postage, Telegraph and Telephone Charges . . . . .	23,217	23,996	15,096	28,628	15,690	23,000	..	217
Other Contingencies . . . . .	54,516	42,732	38,785	32,185	22,760	37,700	..	16,816
<i>Deduct</i> —Probable Savings . . . . .	..	..	..	..	..	—20,200	..	20,200
<b>Total . . . . .</b>	<b>6,67,703</b>	<b>6,08,282</b>	<b>5,87,447</b>	<b>6,14,583</b>	<b>5,92,992</b>	<b>6,35,800</b>	<b>3,866</b>	<b>40,769</b>
							<b>Net Decrease</b>	<b>31,903</b>

2. The table shows a decrease of expenditure by Rs. 31,903. This result is, however, definitely misleading. The figures of 1924-25 were swollen by arrear payments of approximately 79 on account of the Medal Section, which themselves were more than set off by recoveries on the same account from His Majesty's Government, credited as revenue. Deducting these, there is an increase requiring explanation which amounts to 47.

3. *Pay of Establishments.*—The following table compares the strength of the clerical staff of the office as it stood on the 1st April 1924 and the 1st April 1930, respectively:—

	1924.	1930.
<b>Permanent Staff—</b>		
Assistants . . . . .	18	32
Clerks . . . . .	29	54
Inferior Servants . . . . .	49	64

#### Temporary Staff—

Assistants . . . . .	19	..
Clerks . . . . .	55	..
Inferior Servants . . . . .	44	15
<b>Total—</b>		
Assistants and Clerks . . . . .	121	86
Inferior Servants . . . . .	93	79

These figures show a reduction of 35 assistants and clerks and 14 menials. There was actually a reduction in the Medal Section of 39 clerks and 14 menials. The majority of the clerks was, however, employed on comparatively low rates of pay, and one fourth only of the cost of this establishment was a charge upon the Government of India, the balance being met by His Majesty's Government. The true increase of expenditure under Pay of Establishment,

in spite of this decrease of staff, is due in the main to the following factors:—

(a) The creation of 4 new posts of clerks in the main office, which were filled by the importation of men from other offices on comparatively high rates of pay.

(b) A concession allowed to a large temporary staff on fixed pay, which was made permanent on the ordinary time-scale in 1928-29, by which the men were allowed to count previous service for increments.

(c) The accrual of ordinary increments.

4. *Other Contingencies.*—The saving of 17 under this head is ascribed to exercise of economy. The reduction of the Medal Section was doubtless partly responsible for it.

#### Account No. 27.—Industries Labour Department.

The following table sets forth expenditure in India under this head in each of the six years under review:

	Actuals, 1924-25. Rs.	Actuals, 1925-26. Rs.	Actuals, 1926-27. Rs.	Actuals, 1927-28. Rs.	Actuals, 1928-29. Rs.	Budget, 1929-30. Rs.	Increase. Rs.	D
Pay of Officers . . . . .	2,31,048	2,18,511	2,05,392	2,01,934	2,30,318	2,30,300	..	
Pay of Establishments . . . . .	2,24,927	2,36,795	2,42,943	2,49,720	2,54,245	2,74,100	49,173	
Allowances, Honoraria, etc.] . . . . .	53,138	68,435	54,043	57,991	54,618	59,200	6,062	
Contingencies . . . . .	34,296	34,257	35,968	32,138	36,419	38,200	3,904	
Grants-in-Aid, etc. . . . .	..	..	1,400	1,723	4,057	1,200	1,200	
<b>Total . . . . .</b>	<b>5,43,409</b>	<b>5,57,999</b>	<b>5,39,746</b>	<b>5,43,506</b>	<b>5,79,657</b>	<b>6,03,000</b>	<b>60,339</b>	
						<b>Net Increase</b>	<b>59,591</b>	

2. The variations under individual sub-heads are examined below:—

(a) *Pay of Officers.*—The decrease of 1 is the net result of the creation of a temporary post of Joint Secretary in the Industries Branch and the abolition of a Deputy Secretary and a temporary post of Superintendent in the Public Works Branch.

(b) *Pay of Establishment.*—The following table shows the strength of the establishment in each branch of the department on the 1st April 1924 and 1930, respectively:—

	1924.	1930.
<i>Industries Branch.</i>		
Permanent Staff—		
Assistants . . . . .	17	19
Clerks . . . . .	27	30
Inferior Servants . . . . .	41	47
Temporary Staff—		
Clerks . . . . .	..	5
Inferior Servants . . . . .	3	2
<i>Public Works Branch.</i>		
Permanent Staff—		
Assistants . . . . .	14	14
Clerk . . . . .	23	23
Inferior Servants . . . . .	32	32
Temporary Staff—		
Clerks . . . . .	..	1
Inferior Servants . . . . .	2	..
<b>Total . . . . .</b>	<b>159</b>	<b>173</b>

*Net Increase—*

Assistants and Clerks . . . . .	11
Inferior Servants . . . . .	3

The increase of staff may be partly responsible for rather less than 2% of the total growth of expenditure. The balance is ascribed to the accrual of increments.

(c) *Allowances, Honoraria, etc.*—The increase of 6 is mainly due to the number of the Public Works Branch to Delhi each cold weather since that of 1926.

(d) *Contingencies.*—About half the increase of 4 is due to the same cause as the growth under Allowances. The residue may be put down to expansion of staff.

(e) *Grants-in-aid, etc.*—The outlay of 1 is a passage contribution under the Lee concessions.

#### Account No. 28.—Central Board Revenue.

The following table shows the expenditure in India under this head in each of the six years under review:

	Actuals, 1924-25.] Rs.	Actuals, 1925-26. Rs.	Actuals, 1926-27. Rs.	Actuals, 1927-28. Rs.	Actuals, 1928-29. Rs.	Budget- 1929-30.] Rs.	Increase. Rs.
Pay of Officers . . . . .	1,16,133	1,34,644	1,38,847	1,46,978	1,44,761	1,61,900	45,767
Pay of Establishment . . . . .	59,384	61,663	80,887	86,828	86,638	90,400	31,016
Allowances, Honoraria, etc. . . . .	35,010	32,346	40,250	31,967	30,080	43,600	8,530
Contingencies . . . . .	20,514	21,238	20,510	20,008	19,676	27,500	6,986
Grants-in-Aid, Contributions, etc. . . . .	..	..	..	1,150	1,999	600	600
<b>Total . . . . .</b>	<b>2,31,041</b>	<b>2,49,891</b>	<b>2,80,494</b>	<b>2,89,929</b>	<b>2,83,154</b>	<b>3,24,000</b>	<b>92,959</b>



2. The total increase amounts, in thousands of rupees, to 93. Of this, about 43 represents the cost of an officer and staff placed temporarily on special duty in connection with the establishment of a Central Intelligence Bureau. A further sum of 4 was provided in 1929-30 to meet the cost of priced publications and was set off by corresponding revenue under the head Stationery and Printing.

3. The balance of 46 is the true recurring increase under the head. Of this, 10 represents an increase in the pay of the Secretary to the Board; about 13 the cost of additional staff for the office; and the rest normal increments. The expansion of staff is due to the centralisation of the administration of the Salt and Opium Departments and the increase of work thereby involved. The following table shows the strength of the clerical staff as it stood on the 1st April 1924 and the 1st April 1930, respectively:—

	1924.	1930.
<b>Permanent Staff—</b>		
Assistants . . . .	8	17
Clerks . . . . .	10	19
Inferior Servants . . . .	17	29

**Temporary Staff—**

Assistants . . . . .	3	1
Clerks . . . . .	2	2
Inferior Servants . . . .	2	..

**Total—**

Assistants and Clerks . . . .	23	39
Inferior Servants . . . . .	19	29

**Account No. 29.—Secretariat of the Government of India.**

It is proposed to bring together in this memorandum the complete expenditure of the Central Government on its Secretariat; omitting, for present purposes, the Legislative Assembly Department, the Public Service Commission and the staff employed in the Finance Department in connection with the separation of audit from accounts.

2. The following two tables have therefore been prepared, setting forth the total expenditure on this account in each of the six years under review and distributing it, firstly, over the departments in which it is incurred and, secondly, over the principal sub-heads of account.

**TABLE A.**

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29	Budget, 1929-30	Increase	Decrease
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Legislative Department . . . .	6,37,182	6,75,556	6,90,751	7,17,703	6,86,792	5,36,300.	..	1,00,882
Translators' Department (Legislative Department) . . . . .	7,193	6,858	6,276	6,753	7,217	4,700	..	2,493
Finance Department, Ordinary Branch . . . . .	4,85,481	5,00,828	5,63,644	5,83,993	6,06,234	6,26,100	1,40,619	..
Central Board of Revenue . . . .	2,31,041	2,49,891	2,80,494	2,89,929	2,83,154	3,24,000	92,959	..
Finance Department, Military Finance . . . . .	5,52,837	5,88,698	6,46,811	6,78,731	7,11,972	6,75,900	1,23,063	..
Home Department . . . . .	5,78,818	5,81,338	5,34,296	5,92,530	6,41,917	6,22,500	43,682	..
Bureau of Public Information . . . .	1,33,061	1,34,669	1,42,799	1,40,180	1,47,630	1,60,000	26,939	..
Intelligence Bureau . . . . .	5,62,976	5,69,587	5,31,375	5,74,271	6,30,940	6,57,500	94,524	..
Foreign and Political Department . . . .	8,53,726	8,97,559	9,59,156	10,39,216	9,93,778	10,39,000	1,85,274	..
Commerce Department . . . . .	3,22,051	3,29,110	3,44,305	3,87,689	3,86,309	4,01,000	73,949	..
Department of Education, Health and Lands . . . . .	5,06,579	5,31,171	5,35,638	6,09,968	6,80,171	6,48,000	1,41,421	..
Keeper of the Records of the Government of India (Department of Education, Health and Lands) . . . . .	98,089	1,00,531	1,21,296	1,35,698	1,20,922	1,25,000	26,911	..
Department of Industries and Labour . . . . .	5,43,409	5,57,998	5,39,746	5,43,506	5,79,657	6,03,000	59,591	..
Army Department . . . . .	6,67,703	6,08,282	5,87,447	6,14,583	5,92,992	6,35,900	..	31,903
<b>Total</b> . . . . .	<b>61,80,146</b>	<b>63,32,076</b>	<b>64,84,034</b>	<b>69,14,749</b>	<b>70,74,685</b>	<b>70,58,800</b>	<b>10,13,932</b>	<b>1,35,278</b>
						<b>Net Increase</b>	<b>8,78,654</b>	

TABLE B.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers . . . . .	23,91,063	23,77,249	23,80,205	26,41,859	27,19,860	25,99,200	2,08,137	..
Pay of Establishment . . . . .	23,27,638	24,08,833	25,79,875	27,06,860	27,98,815	28,63,600	5,35,962	..
Allowances, Honoraria, etc. . . . .	6,05,571	6,90,018	6,70,603	6,84,812	6,78,422	6,95,800	90,229	..
Supplies and Services and Contingen- cies . . . . .	8,55,874	8,55,976	8,25,154	8,55,191	8,37,843	9,17,800	61,926	..
Grants-in-Aid . . . . .	..	..	28,197	26,227	39,745	16,100	16,100	..
<i>Deduct</i> —Recoveries from other Gov- ernments, etc. . . . .	..	..	..	..	..	—13,500	..	13,500
<i>Deduct</i> —Probable Savings . . . . .	..	..	..	..	..	—20,200	..	20,200
<b>Total . . . . .</b>	<b>61,80,146</b>	<b>63,32,076</b>	<b>64,84,034</b>	<b>69,14,749</b>	<b>70,74,685</b>	<b>70,58,800</b>	<b>9,12,354</b>	<b>33,700</b>
						<i>Net Increase</i>	<b>8,78,654</b>	

3. The expenditure of individual departments has been discussed in detail in the separate memoranda compiled for them, and it is unnecessary to repeat the general results in this memorandum. It should be mentioned, however, that the true growth of expenditure must be increased by 1,85, being the cost of establishment, etc., transferred from the Legislative Department to the Legislative Assembly Department, and by 79 representing the arrear payments charged to the Army Department in 1924-25; while it must be reduced by 50, being the provision made in the budget of 1929-30 for the cost of priced publications of Government, which is counterbalanced by increased revenue under the head Stationery and Printing. This leaves the true increase at 1,09,34.

4. In the present memorandum, it is proposed to study the expenditure as a whole under the principal sub-heads over which it is distributed in Table B, and the necessary examination is made below.

(a) *Pay of Officers* . . . . . +2,08

The principal factor in the increase, omitting from account the transfer of officers to the new Legislative Assembly Department, has been the addition of the following posts:—

- 3 temporary posts of Joint Secretary,
- 3 posts of Assistant Secretary,
- 2 temporary posts of Officers on Special Duty, and

5 posts of Superintendent, one of which was transferred, with its work, from the office of the Inspector General of Forests.

In addition, a six months' temporary post of Budget Officer in the Finance Department has been continued for the whole year. On the other side of the account must be set the reduction of one post of Deputy Secretary and two posts of Registrar.

The increase in the number of officers' posts is the result of the growth of work, which itself is largely due to the three following causes:—

- (i) The centralisation of the administration of certain subjects.
- (ii) The development of work connected with the League of Nations and with international obligations generally.
- (iii) The increased activities of the central Legislature.

(b) *Pay of Establishments.* . . . . . +5,36

Allowing for the transfers to the Legislative Assembly Department and for the arrears paid by the Army Department in 1924-25, the true increase of expenditure under this sub-head has been 7,33. The principal factor in the increase has been the expansion of establishments for reasons similar to those described under Pay of Officers. The following table shows the strength of the principal classes of clerical estab-

lishment as it stood on the 1st April 1924 and the 1st April 1930, respectively, being the opening and closing dates of the six years under review :—

	1st April 1924.	1st April 1930.
<b>Permanent—</b>		
Assistants . . . . .	281	353
Clerks . . . . .	379	480
Inferior Servants . . . . .	595	682
<b>Temporary—</b>		
Assistants . . . . .	23	19
Clerks . . . . .	62	37
Inferior Servants . . . . .	131	135

The figures for inferior servants are exclusive of certain *employés* of this class who are paid from the provision for contingencies.

It will be seen that, in the case of assistants, there has been an increase of 72 permanent and a reduction of 4 temporary hands; permanent clerks have expanded by 101 against a reduction of 25 temporary men and inferior servants have grown by 87 in the permanent and 4 in the temporary class. The *net* increase is therefore 144 under assistants and clerks and 91 under inferior servants.

An additional cause of increased expenditure under this head is the accrual of increments to establishment recruited shortly before the opening of the period under review. In the year immediately preceding that period, leave reserves were instituted in the majority of the Secretariat departments which entailed an addition to their strength of 38 assistants and 41 clerks, or 79 in all. It will be many years before these men rise to the maximum or even to the average pay of their time-scales, and in the meantime their accruing increments, as well as those of the 144 hands recruited during the period under review, must cause a steadily increasing addition to the expenditure on Pay of Establishment.

A minor increase of 57 was due to the transfer to the budget of the Financial Adviser, Military Finance, of provision for certain establishment previously paid from military estimates.

(c) *Allowances, Honoraria, etc.* +90

An expansion under this sub-head is the inevitable result of the growth of establishments, all the members of which are entitled to hill journey and other allowances. The increase would have been greater but for the cessation of the grant of conveyance allowance in Delhi and the transfer of 14 to the Legislative Assembly Department.

(d) *Supplies and Services and Contingencies* +62

Of this increase, 50 is nominal only, being the provision for the cost of priced publications, which is covered by additional revenue under the head Stationery and Printing. The balance of 18, making allowance for transfer of charges to the Legislative Assembly Department, is the natural result of the expansion of the offices concerned.

(e) *Grants-in-Aid, etc.* +16

This new charge consists of passage contributions under the Lee concessions.

(f) *Deduct—Recoveries* —13

This new recovery is made from the Lighthouse Fund, in consideration of the work connected with the administration of Lighthouses and Lightships which is performed in the Commerce Department of the Secretariat.

5. It will be apparent from the above that the main reason for the increase of expenditure under this head is the growth of work described in paragraph 4 (a) above. Minor contributory causes were the establishment, shortly before the commencement of the period under review, of a leave reserve in the majority of departments concerned, and the transfer of a charge of 57 from the military to the civil budget.

**Account No. 30.—Expenditure on General Administration incurred in India by the minor Administrations.**

The following table shows the expenditure under this head in each of the six years under review. The charges in England cannot be separated from those

relating to the central Government proper, and have therefore been treated

with the latter in a separate memorandum.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Chief Commissioners . . . . .	2,68,189	2,54,516	2,55,314	2,54,251	2,54,210	2,88,200	20,011	..
Civil Secretariats . . . . .	1,73,548	1,95,265	1,96,585	2,08,374	2,02,142	2,09,400	35,852	..
Commissioners . . . . .	1,36,031	1,50,385	1,58,622	1,58,583	1,56,299	1,66,000	29,969	..
District Administration . . . . .	17,22,856	16,93,004	17,06,954	17,90,772	18,10,603	18,56,200	1,33,344	..
Local Fund Audit . . . . .	11,170	11,051	11,550	14,399	13,940	15,500	4,330	..
Miscellaneous . . . . .	..	6,809	4,659	10,517	8,945	10,000	10,000	..
Works . . . . .	70,089	28,067	9,941	10,260	44,675	64,800	..	5,489
<b>Total</b> . . . . .	<b>23,81,883</b>	<b>23,39,097</b>	<b>23,43,626</b>	<b>24,47,146</b>	<b>24,90,813</b>	<b>26,09,900</b>	<b>2,33,506</b>	<b>5,489</b>
						<i>Net Increase</i>	<b>2,28,017</b>	

2. It will be seen that the expenditure has increased during the period by 2.28. The variations under individual sub-heads are discussed below.

(a) *Chief Commissioners* +20

The entire increase occurred in Delhi, and is due to the appointment of a Registrar and some increase of establishment and revision of pay.

(b) *Civil Secretariats* +36

This sub-head appears in the accounts of the North-West Frontier Province only, and this province is therefore responsible for the additional expenditure. Of the total amount, 7 represents provision for the cost of priced publications, which is covered by additional revenue under the head Stationery and Printing, and the balance is due to the accrual of normal increments, increases of establishment and minor revisions of pay.

(c) *Commissioners* +30

The true increase is 36, as the accounts of 1924-25 included 6 on account of arrears of leave salary paid to local Governments. The increase occurred in the office of the Revenue Commissioner in the North-West Frontier Province, and is due to revision of pay and accrual of increments.

(d) *District Administration.* +1.33

There are two complicating factors in this case. The accounts of 1924-25 included arrear payments to local Governments of 84 on account of leave salaries of provincial officers who had served under the minor administrations. On

the other hand, recoveries in connection with copying fees, which amounted to 85, were credited as revenue in 1929-30, whereas the corresponding receipts of 1924-25 had been taken in reduction of expenditure. Setting these items off against each other, there is an increase of 1.32 requiring explanation. The principal factors were:—

*North-West Frontier Province* +14

The reasons were an increase of about half a lakh on account of revision of pay and accrual of increments, set off by a reduction under Works and Contingencies and a lump cut for probable savings.

*Baluchistan* +23

Due to some minor additions to staff and revisions of pay, together with the effect of normal increments.

*Delhi* +36

Of this, 33 is purely nominal, except that it represents a transfer of expenditure from the Capital to the Revenue budget. It covers the pay of executive subordinates transferred from the New Capital head.

*Ajmer-Merwara* +28

Of this, 15 is due to revision of pay and accrual of increments, 4 to Lee Concessions and the balance to minor causes.

*Bangalore* +26

The increase is the *net* result of transfers from and to other heads of account. Expenditure of 33 has been taken over from the head Administration of Justice, while establishments costing 7 have been transferred to Accounts and

Audit in connection with the separation of account from audit functions.

(e) *Local Fund Audit* + 4

This growth is the effect of minor increases in the North-West Frontier Province and Baluchistan. The whole of the expenditure is recovered from the local bodies whose accounts are audited.

(f) *Miscellaneous* + 10

This represents a discretionary grant newly placed at the disposal of the Chief Commissioner of the North-West Frontier Province.

(g) *Works* — 5

A decrease of 22 in Baluchistan is almost covered by a growth of 17 in Bangalore. In the other minor administrations, expenditure of this kind is

debited to the sub-head District Administration.

3. In summarising the progress of expenditure under this head, it may be stated that, of a true gross increase of 3,18, a sum of 96 is covered by corresponding increases of revenue, 26 represents a transfer from other revenue heads and 33 from a capital head and 5 is non-recurrent expenditure on Works. The balance of 1,51 is mainly due to minor expansions of staff, revisions of pay and the normal accrual of increments.

**Account No. 31.—Payments to Provincial Governments on account of the administration of Agency Subjects.**

The following table sets forth the expenditure under this head in each of the six years under review:—

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Madras	64,125	38,125	38,125	38,125	38,125	38,000	..	26,125	
Bombay	23,707	2,16,112	1,89,846	1,33,923	1,47,732	1,33,000	1,09,293	..	
Bengal	59,861	41,122	40,994	44,525	42,682	38,000	..	21,861	
Total	1,47,693	2,95,359	2,68,965	2,16,573	2,28,539	2,09,000	1,09,293	47,986	
							<i>Net Increase</i>	61,307	..

2. The increase of expenditure shown by the table is largely nominal. The expenditure of 1924-25 in Madras and Bengal was swollen by arrear payments amounting to 48. On the other hand, of the growth of 1,09 shown against Bombay, 81 is due to a transfer from the head "Miscellaneous Adjustments with Provincial Governments", that head having been abolished, while the balance is due to new charges of 38 on account of work done in the General Department of the local Government, partially set off by minor savings on other ac-

counts. The true result may be said to be a *net* increase of 28.

**Account No. 32.—Sterling expenditure on the Establishment, etc., of the Secretary of State and the High Commissioner.**

The following two tables show the expenditure under this head in each of the six years under review. In Table A the actual sterling expenditure is given: in Table B, it is converted into thousands of rupees at the average exchange rate of each year.

TABLE A.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	£	£	£	£	£	£	£	£
<i>India Office.</i>								
Salaries	190,700	190,738	187,918	187,685	186,368	191,100	400	..
Other Expenditure	29,730	24,502	25,660	27,247	24,513	29,025	..	708
Deduct—Contribution by His Majesty's Government	—137,100	—137,203	—112,880	—112,901	—110,901	—108,150	28,950	..
Miscellaneous Receipts	..	—2,251	—2,210	—207	..	..	..	..

	Actuals, 1924-25. £	Actuals, 1925-26. £	Actuals, 1926-27. £	Actuals, 1927-28. £	Actuals, 1928-29. £	Budget, 1929-30. £	Increase. £	Decrease. £
<i>High Commissioner.</i>								
Salaries . . . . .	127,834	140,777	142,043	148,459	154,321	174,600	46,763	..
Stores Department: Wages and Professional Inspection of Stores . . . . .	58,411	82,201	88,856	94,795	92,270	91,350	32,939	..
Other Expenses . . . . .	14,119	14,655	15,913	12,361	13,361	17,850	3,731	..
India House . . . . .	..	..	..	18,506	65,763	219,975	219,975	..
<i>Deduct—</i>								
Share of the cost of the High Commissioner's establishment recovered from Provincial Governments, etc. . . . .	—21,964	—24,458	—24,825	—26,181	—27,216	—26,325	..	4,631
Recoveries in respect of Stores . . . . .	—39,413	—84,566	—96,802	—132,400	—76,958	—78,300	..	38,887
Other Recoveries . . . . .	—4,212	—2,038	—2,185	—2,305	..	..	4,212	..
<b>Total . . . . .</b>	<b>218,375</b>	<b>202,456</b>	<b>221,488</b>	<b>215,675</b>	<b>321,521</b>	<b>511,125</b>	<b>336,973</b>	<b>44,223</b>
						<i>Net Increase</i>	<b>292,750</b>	

TABLE B.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
<i>India Office.</i>								
Salaries . . . . .	26,08	25,28	25,15	25,13	24,89	25,48	..	60
Other Expenses . . . . .	4,06	3,27	3,43	3,65	3,27	3,87	..	19
<i>Deduct—</i>								
Contribution by His Majesty's Government . . . . .	—18,75	—18,21	—15,10	—14,85	—14,81	—14,42	4,33	..
Miscellaneous Receipts . . . . .	..	—30	—29	—30	..	..	..	..
<i>High Commissioner.</i>								
Salaries . . . . .	17,48	18,64	19,03	19,88	20,61	23,28	5,80	..
Stores Department: Wages and Professional Inspection of Stores . . . . .	7,99	10,91	11,91	12,69	12,32	12,18	4,19	..
Other Expenses . . . . .	1,93	1,95	2,13	1,74	1,77	2,38	45	..
India House . . . . .	..	..	..	2,48	8,80	29,33	29,33	..
<i>Deduct—</i>								
Share of the cost of the High Commissioner's establishment recovered from Provincial Governments, etc. . . . .	—2,97	—3,19	—3,33	—3,50	—3,63	—3,51	..	£4
Recoveries in respect of Stores . . . . .	—5,39	—11,23	—12,97	—17,73	—10,28	—10,44	..	5,05
Other Recoveries . . . . .	—57	—27	—28	—31	..	..	57	..
<b>Total . . . . .</b>	<b>29,86</b>	<b>26,85</b>	<b>29,68</b>	<b>28,88</b>	<b>42,94</b>	<b>68,15</b>	<b>44,67</b>	<b>6,38</b>
						<i>Net Increase</i>	<b>38,29</b>	

2. It will be seen from Table B that the total expenditure has risen during the period by as much as 38,29. Of this growth, 29,33 is due to the construction of India House, which has now been completed; while recoveries amounting to 3,84 and mainly connected with the purchase of stores for India, which were

included as revenue in the budget estimates of 1929-30, would have been brought to account by deduction from expenditure in 1924-25. The true increase, which requires explanation, is thus 5,12.

3. The bulk of the true increase is due to the reduction from £137,100 to

£108,150 of the contribution paid by His Majesty's Government towards the cost of the India Office. This reduction was made after a careful examination, by an inter-departmental committee in London, of the figures on which the previous calculation was based; and was due in the main to the rectification of imperfect *data* adopted in the original calculation, though the reduction in the cost of the India Office was also taken into account. A further increase of 53 is due to the transfer from the head Miscellaneous of the cost of examination expenses connected with the Indian Civil Service. The cost of the High Commissioner's Trade Department has risen from 33 to 1,71 during the period, and the full amount of 1,71 constitutes an addition under the present head, since the cost of this department was, in 1924-25, debited to the head Miscellaneous Departments. These three items together represent a total of 6,57, which exceeds the true increase under the head. On the other hand, there has been a decrease in the *net* cost of providing stores for India; a growth under Salaries of the High Commissioner's office and under Wages and Professional Inspection being more

than set off by an increase under Recoveries, including those credited as revenue to which reference has been made in para. 2 above. The gross increase under Stores is largely due to the transfer of the Great Indian Peninsula and Burma Railways to State management; the amount of stores purchased for railways having increased by over £2 millions during the period. The *net* decrease connected with Stores was sufficiently large to counterbalance an appreciable growth in the salaries of other sections of the High Commissioner's office.

**Account No. 33.—Expenditure in England on General Administration apart from that connected with the Establishments and Offices of the Secretary of State and the High Commissioner.**

The following two statements exhibit the expenditure under this head in each of the six years under review. Table A gives the figures in pounds sterling, and Table B converts them into thousands of rupees at the average exchange rate of each year.

TABLE A.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	£	£	£	£	£	£	£	£
Leave Salaries and Deputation Pay.	54,997	39,464	45,540	35,715	31,182	34,950	..	20,047
Overseas Pay . . . . .	5,872	11,745	14,376	14,881	13,723	14,250	8,378	..
Stores for India . . . . .	154	120	40	59	33	225	71	..
Other Charges . . . . .	2,396	8,333	2,347	5,542	6,836	6,000	3,604	..
<b>Total</b>	<b>63,419</b>	<b>59,662</b>	<b>62,303</b>	<b>56,197</b>	<b>51,774</b>	<b>55,425</b>	<b>12,053</b>	<b>20,047</b>
						<i>Net Decrease</i>		<i>7,994</i>

TABLE B.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Leave Salaries and Deputation Pay.	7,55	5,26	6,08	4,78	4,16	4,66	..	2,89
Overseas Pay . . . . .	80	1,56	1,95	1,99	1,83	1,90	1,10	..
Stores for India . . . . .	2	1	1	1	..	3	1	..
Other Charges . . . . .	32	1,10	32	74	91	80	48	..
<b>Total</b>	<b>8,69</b>	<b>7,93</b>	<b>8,36</b>	<b>7,52</b>	<b>6,90</b>	<b>7,39</b>	<b>1,59</b>	<b>2,89</b>
						<i>Net Decrease</i>		<i>1,30</i>

2. It will be seen from Table B that the expenditure has decreased by 1,30 during the period under review. The principal factor in the decrease is a fall of 2,89 in the amount paid as leave-salaries and deputation pay. Such expenditure had attained a high level in 1924-25 and the two preceding years. It fell considerably in 1925-26, and has never worked back to its former height. No definite explanation of this phenomenon is forthcoming, but it is probably due to the exhaustion of the considerable arrears of leave which accumulated during the War. On the other hand, with the extension of Lee concessions, the expenditure on Sterling Overseas Pay has increased by 1,10.

3. The growth under "Other Charges" is due to the transfer from the head Miscellaneous to this head of such part of the cost of examinations, etc., for the Indian Civil Service as has not been passed on to the local Governments. The provision on this account in the budget for 1929-30 was 53.

#### Account No. 34.—Accounts and Audit.

In the field of accounts and audit, the principal feature of the period under review has been the progress made in the separation of the responsibility for audit from that for the compilation of the accounts. The main principle followed has been to entrust the latter to representatives of the Finance Department and to restrict the Auditor General and his staff to audit functions proper. Prior to this development, the Auditor General was responsible for compilation as well as for audit; with the result that, although there was an effective scrutiny by audit of the majority of the financial transactions reflected in the accounts, there was no real audit of the accounts themselves.

2. In pursuance of the new policy, a complete and final separation of the two functions has been effected in the case of the Military and Railway accounts; and a similarly complete, though in this case experimental and temporary, separation in respect of the accounts of transactions, both central and provincial, occurring in the United Provinces. Experiments on the same lines are in progress in respect of the accounts of:—

- (a) The administrations of the North-West Frontier Province, Delhi (Civil) and Bangalore.

- (b) The Secretariat establishments of the Central Government.
- (c) A number of the more important civil departments of the Government of India.
- (d) The bulk of the central expenditure recorded in Calcutta.
- (e) The Customs Department, in Calcutta.
- (f) The New Capital project in Delhi.

It would be a comparatively simple matter to extend the procedure to the balance of the expenditure of the Central Government.

3. A further feature of the period under review has been the initiation of a Commercial Audit branch of the Auditor General's establishment.

4. The present memorandum deals with the entire expenditure of the central Government on accounts and audit with the following exceptions:—

- (i) The outlay of the Railways on both accounts and audit; which, in view of the fact that the Railway Department is a commercial department, is debited to that Department.
- (ii) The outlay on the compilation of military accounts, which is a charge on the military budget. Audit proper, in this case, is debited to the head Audit, and is therefore included in the memorandum.
- (iii) The outlay on the compilation and audit of the accounts of the Posts and Telegraphs Department, both of which functions are still performed by a "combined" staff under the Auditor General. This outlay is debited in the accounts of the commercial department concerned.
- (iv) The cost of the compilation, but not the audit, of the accounts of the New Capital project, which is debited to a capital head outside the revenue accounts.

5. The accounts of the period under review are complicated by the fact that, during the experimental period of separation, it has not been deemed advisable



to evolve a uniform and standard system of accounting for the expenditure of the separated offices. The general principle originally accepted was that the cost of separation is a proper charge against the head General Administration and not against the head Audit. As a result, the method adopted in the initial stages was to leave as a charge against Audit the pay, allowances, etc., of officers and clerks actually transferred to the new account offices, and to debit to General Administration the cost of new *personnel* and other new charges. This plan is still followed in the majority of the experimental offices, but in the case of the United Provinces General Administration is now debited with the full cost of the account offices, while the head Audit bears the cost of the audit staff proper. This difference in accounting procedure, coupled with the fact that the complete expenditure on pay and

allowances of officers debitable to the head Audit is recorded under a single minor head in the books of the Accountant General, Central Revenues, and is not distributed over the various offices in which officers are actually employed, makes it impracticable to follow the theoretically desirable course of exhibiting the total expenditure under the three separate headings (a) Accounts, (b) Audit and (c) Combined Offices.

6. The following table has therefore been prepared, distributing over the ordinary sub-heads the total expenditure of the central Government on accounts and audit, excluding the items enumerated in paragraph 4 above, whether debited to the head Audit or to General Administration. An attempt will be made in a later paragraph to estimate the proportion of the increase of expenditure which is due to the essays in separation so far made.

TABLE A.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Charges in India.</i>								
Pay of Officers .	18,62,895	19,31,872	20,91,766	22,49,182	23,23,160	24,79,300	6,16,40	..
Pay of Establishments .	55,13,047	61,24,068	66,99,747	71,66,744	76,54,241	83,50,344	28,37,297	..
Establishment Charges paid to other Governments, etc.	88,985	65,406	36,139	18,182	2,800	2,800	..	86,185
Allowances, Honoraria, etc. .	6,48,538	6,74,447	7,56,028	7,55,851	8,09,809	8,72,845	2,24,307	..
Supplies and Services and Contingencies .	4,53,347	4,93,220	5,22,333	5,31,446	5,88,900	6,44,915	1,91,568	..
Grants-in-Aid and Contributions	..	..	..	2,100	75	..	..	..
Works . . . . .	..	..	..	..	6,494	8,850	8,850	..
<i>Deduct—Recoveries from other Governments, etc.</i>	—9,03,533	—9,92,870	—11,18,566	—12,86,000	—10,28,222	—11,81,151	..	2,77,621
<i>Deduct—Probable Savings</i>	..	..	..	..	..	—1,93,900	..	1,93,900
<b>Total</b>	<b>76,63,279</b>	<b>82,96,143</b>	<b>89,87,447</b>	<b>94,37,505</b>	<b>1,03,57,257</b>	<b>1,09,84,000</b>	<b>38,78,427</b>	<b>5,57,706</b>
<i>Charges in England.</i>								
Home Auditor & his staff .	1,40,000	1,47,030	1,55,870	2,15,770	2,18,320	2,25,000	84,200	..
<i>Deduct—Recoveries from His Majesty's Treasury—</i> 78,000	—87,190	—35,250	—45,830	—5,830	—45,000	33,000	..	..
Other Charges .	1,46,359	1,81,051	1,56,869	2,91,107	1,87,270	2,17,000	70,641	..
<i>Loss by Exchange</i>	75,327	85,515	94,339	2,180	624	..	..	75,327
<b>Total</b>	<b>79,47,765</b>	<b>86,42,549</b>	<b>93,59,275</b>	<b>99,00,732</b>	<b>1,07,17,641</b>	<b>1,13,81,000</b>	<b>40,66,260</b>	<b>6,32,033</b>
							<i>Net Increase</i>	<b>34,33,235</b>

7. The more important variations under individual sub-heads of account are examined below:—

(a) *Pay of Officers* +6,16

The following table shows the sanctioned strength of various classes of officer on the 1st April 1924 and the 1st April 1930, respectively:—

TABLE B.

	1924.	1930.	Increase (+) Decrease (—)
Auditor General . . . . .	1	1	..
Controller of Civil Accounts . . . . .	..	1	+1
Accountants General, Class I . . . . .	2	1	—1
Accountants General, Class II . . . . .	8	10	+2
Director of Commercial Audit . . . . .	..	1	+1
General List, Class I . . . . .	8	12	+4
General List, Class II.			
Sanctioned charges . . . . .	56	63	+7
Probationers . . . . .	4	14	+10
Assistant Accounts and Audit Officers . . . . .	42	85	+43
Senior Local Fund Auditors . . . . .	..	21	+21
<b>Total</b> . . . . .	<b>121</b>	<b>209</b>	<b>+88</b>

Certain comments on the above table are necessary:—

(i) The posts of Controller of Civil Accounts and Director of Commercial Audit were newly created during the period.

(ii) The decrease of one officer in the grade of Accountant General, Class I, is an accident only; as more officers of this grade were serving on the Railway side in 1930.

(iii) Under Accountants General, Class II, an increase of one officer is counterbalanced by a fall of one under Accountants General, Class I. A temporary post in Class II on the headquarters staff for the separation of accounts from audit has been abolished; there has been an increase of 1 permanent post for the Director of Army Audit; and the temporary post of Audit Officer, Lloyd Barrage and Canals Construction, has been converted from the standing of Class I in the General List to that of Accountant General, Class II.

(iv) The appointment of the Director of Commercial Audit was a necessary feature of the development of this new branch of audit activities.

(v) The following new posts in Class I of the General List have been created during the period under review:—

2 permanent posts of Deputy Director, Army Audit;

1 temporary post in the separated Account Offices of the United Provinces;

1 temporary post of Pay and Accounts Officer, North-West Frontier Province.

The reduction of one temporary post owing to the improvement of the status of the Audit Officer, Lloyd Barrage, is set off by the fact that there was no member of the Indian Civil Service serving as Deputy Accountant General in 1924, while one member was so serving on the 1st April 1930.

(vi) There was during the six years' period an increase of 5 permanent and 2 temporary posts in Class II of the General List. Of the permanent posts, 3 were created in the office of the Director of Commercial Audit and 1 each in those of the Auditor General and the Accountant General, Central Revenues. There are 2 new temporary posts in Commercial Audit and 1 in United Provinces Accounts; and a reduction of

1 such post in the Central Revenues office. The increase of expenditure under this class is, however, considerably greater than the figures of new posts created would suggest. As many as 5 sanctioned posts were vacant at the beginning of 1924-25; while there were no more than 4 probationers on duty, which meant an appreciable shortage in the training reserve. The vacancies have since been filled, and the number of probationers on the 1st April 1930 was 14, which is an approximately normal figure.

The resulting growth of expenditure has been reduced by a fall of nearly Rs. 200 a month in the average pay drawn by members of Class II. This is due partly to the large influx of recruits on the lowest stage of the time scale and partly to the retirement of officers who entered the service before 1921 and drew pay on a higher scale.

(vii) The bulk of the increase of expenditure under the sub-head Pay of Officers is the result of the addition of new posts of Assistant Accounts Officer and Assistant Audit Officer. The total number of officers of this class has risen from 42 to 85 during the period; 22 of the new posts being temporary and the remaining 21 permanent. The following are the new posts which have come into existence:—

Office of the Auditor General . . .	+1
Office of the Examiner, Customs Accounts.	+1
Office of the Audit Officer, Indian Stores Department.	+2
Office of the Accountant General, Central Revenues.	+2
Office of the Accountant General, Madras (including Cauvery Metur Audit Office.)	+3
Office of the Accountant General, Bengal.	+3
Office of the Director of Audit, United Provinces.	-1
United Provinces Account offices . . .	+12

Office of the Accountant General, Punjab (including Hydro-Electric Scheme Audit Office and North-West Frontier Province separated Offices).	+4
Office of the Accountant General, Burma.	+1
Office of the Accountant General, Bihar and Orissa.	+1
Office of the Comptroller, Assam . . .	+1
Office of the Director of Army Audit . . .	+4
Office of the Director of Commercial Audit.	+3
Pay and Account Offices outside the United Provinces and the North West Frontier Province.	+6
	—
	+43
	—

It will be seen that approximately 20 of the new posts are due to the separation of accounts from audit on the Civil and 4 on the Military side; 6 are due to the creation of new offices, whether permanent or temporary; and the balance of 13 is the result of ordinary expansion of work. The latter figure includes, however, several posts created in the interests of Local Fund Audit, the cost of which is largely recovered either from local Governments or from the bodies whose accounts are audited.

(viii) The increase under the heading Senior Local Fund Auditors is purely nominal. These officers were granted gazetted status in 1928-29, and their cost, which was estimated at 92 in the budget of 1929-30 against 65 in 1924-25, was accordingly transferred to this sub-head from the sub-head Pay of Establishments.

(b) *Pay of Establishments* . . . +28,37

(i) The following table sets forth the expenditure under this sub-head, in each of the offices of Accounts and Audit with which this memorandum is concerned, in the first and last years of the period under review. The various Pay and Account Offices which constitute the experimental separated accounting establishments have in each case been grouped with the parent "combined" office out of which they developed, and the increase for the entire group has been shown in the last column of the table.

TABLE C.

	Actuals, 1924-25.	Budget, 1925-26.	Increase.
	Rs.	Rs.	Rs.
Auditor General . . . . .	1,93,469	2,73,600	80,131
Headquarters staff in charge of Separation . . . . .	7,286	15,000	7,714
Director of Army Audit . . . . .	31,328	2,10,200	1,78,872
Director of Commercial Audit . . . . .	..	1,00,000	1,00,000
Examiner, Customs Accounts . . . . .	18,163	43,400	25,237
Examiner, Press Accounts . . . . .	20,824	43,500	22,676
Audit Officer, Indian Stores Department . . . . .	43,719	2,21,630	1,77,911
Accountant General, Central Revenues . . . . .	4,11,604	4,60,200	
Deputy Accountant General, Central Revenues . . . . .			
Pay and Accounts Officer, Survey of India . . . . .	22,931	82,600	2,43,902
Pay and Accounts Officer, Miscellaneous Central Departments . . . . .	19,485	75,100	
Pay and Accounts Officer, Delhi Civil Administration . . . . .	78	20,100	
Pay and Accounts Officer, Secretariat . . . . .	..	60,000	
Accountant General, Madras . . . . .	5,50,340	7,26,400	1,88,489
Pay and Accounts Officer, Bangalore . . . . .	6,271	18,700	
Accountant General, Bombay . . . . .	7,53,695	9,92,951	3,17,031
Audit Officer, Lloyd Barrage and Canal Construction . . . . .	73,794	1,51,569	
Accountant General, Bengal . . . . .	7,33,801	9,90,400	2,56,799
Accountant General, United Provinces . . . . .	5,93,278	..	
United Provinces, Central Accounts Office . . . . .	..	64,000	
United Provinces, Provincial Account Offices . . . . .	18,445	6,07,800	2,85,077
Director of Audit, United Provinces . . . . .	..	2,25,000	
Accountant General, Punjab . . . . .	5,95,468	8,46,876	3,10,208
Pay and Accounts Officer, N.-W. F. P. . . . .	..	58,600	
Accountant General, Burma . . . . .	5,35,297	8,39,500	3,04,203
Accountant General, Bihar and Orissa . . . . .	3,99,474	4,68,934	69,460
Accountant General, Central Provinces . . . . .	2,84,572	3,94,652	1,10,080
Comptroller, Assam . . . . .	1,99,925	2,53,082	53,157
Lump sum Reserve for temporary establishment . . . . .	..	1,00,000	1,00,000
Other general provisions . . . . .	..	5,900	5,900
<b>Total</b> . . . . .	<b>55,13,047</b>	<b>83,50,344</b>	<b>28,37,297</b>

It must be explained that, in all cases in which local fund audit work is still performed by an establishment primarily controlled by a central Accountant General, the complete cost of such establishment is included in the figures given above; although a great part of it is eventually recovered from the local Government concerned. The recoveries so made are brought to account, with certain other recoveries, under the sub-head *Deduct*—Recoveries from other Governments, etc. The deductions made under that sub-head have grown considerably during the period under review, and an appreciable proportion of the growth of expenditure under Pay of Establishment is nominal only.

(ii) Before examining the increase of expenditure in individual offices, it is

desirable to make some preliminary remarks on the main reasons which have caused that increase. They may be summarised under three main heads:—

- (1) Increase of establishment, due to new activities, the separation of accounts from audit and general increase of work.
- (2) The accrual of increments to staff recruited before the beginning of the period under review.
- (3) Revisions of rates of pay.

(iii) In order to illustrate the growth of establishments during the period under review, the following table has

been prepared, showing the approximate sanctioned strength of the permanent and quasi-permanent staff of accountants, clerks of all kinds and inferior servants, in each of the offices concerned, on the 1st April 1924 and

the 1st April 1930 respectively. The figures, which are taken from the Demands for Grants, are probably not entirely accurate, but they are sufficiently correct for the purposes of a general comparison.

TABLE D.

	1st April 1924.		1st April 1930.		Increase.					
	Clerical staff.	Inferior servants.	Clerical staff.	Inferior servants.	Clerical staff.	Inferior servants.				
Auditor General . . . . .	91	29	105	39	14	10				
Headquarter staff in charge of separation . . . . .	2	7	4	6	2	—1				
Director of Army Audit . . . . .	16	6	111	33	95	27				
Director of Commercial Audit . . . . .	..	..	75	30	75	30				
Examiner of Customs Accounts . . . . .	7	2	19	4	12	2				
Examiner of Press Accounts . . . . .	12	4	23	4	11	..				
Audit Officer, Indian Stores Department . . . . .	19	7	107	24	88	17				
Accountant General, Central Revenues . . . . .	232	34	278	70	}					
Deputy Accountant General, Central Revenues . . . . .	76	12	..	..						
Pay and Accounts Office, Survey of India . . . . .	..	..	42	7			120	49		
Pay and Accounts Office, Miscellaneous . . . . .	..	..	48	6			}			
Pay and Accounts Office, Delhi, Civil . . . . .	..	..	15*	3†						
Pay and Accounts Office, Secretariat . . . . .	..	..	45	9						
Accountant General, Madras . . . . .	404	85	425	101			}			
Audit Office, Bangalore . . . . .	..	..	4	1					37	20
Pay and Accounts Office, Bangalore . . . . .	..	..	12‡	3§						
Accountant General, Bombay . . . . .	..	..	521	107			}			
Audit Officer, Lloyd Barrage . . . . .	563	116	101	22	59	13				
Accountant General, Bengal . . . . .	452	107	493	121	}					
Pay and Accounts Office, Customs . . . . .	..	..	3	1			44	15		
Accountant General, United Provinces . . . . .	465	76	..	..	}					
United Provinces, Central Account Office . . . . .	..	..	49	7			181	42		
United Provinces, Provincial Account Offices . . . . .	..	..	458	73						
United Provinces, Director of Audit . . . . .	..	..	139	38						
Accountant General, Punjab . . . . .	358	83	414	103	}					
Pay and Accounts Office, North-West Frontier Province . . . . .	..	..	68	13			124	33		
Accountant General, Burma . . . . .	378	64	446	75	68	11				
Accountant General, Bihar and Orissa . . . . .	241	56	262	62	21	6				
Accountant General, Central Provinces . . . . .	198	51	225	65	27	14				
Comptroller, Assam . . . . .	133	31	139	37	6	6				
.. .. . Total . . . . .	3,647	770	4,631	1,064	984	294				

\* Excludes 7 members of the Treasury establishment taken over with the Treasury.

† Excludes 13 members of the Treasury establishment taken over with the Treasury.

‡ Excludes 1 servant of the Treasury establishment taken over with the Treasury

§ Excludes 3 servants of the Treasury establishment taken over with the Treasury

It will be noticed that the above table contains figures of staff for the offices of the Audit Officer, Bangalore, and the Pay and Accounts Officer, Customs, Calcutta, although no figures of expenditure on these offices are given in Table C. The reason is that the establishment of these offices is paid from the grant for the offices of the Accountants General from which the staff was provided.

In addition to the permanent and quasi-permanent staff enumerated in Table D, there was provision of 4,35 in the budget of 1929-30 for miscellaneous temporary establishment, compared with a provision in 1924-25 of 2,03 on the same account. The increase is partly due to the inclusion in 1929-30 of provision for the temporary audit offices for the Hydro-Electric Scheme in the Punjab and for the Cauvery Metur Project in Madras, which were not in existence in 1924-25; and partly to the fact that the demands of several Accountants General for increased staff were met by sanction to temporary establishment pending the completion of an investigation into the possibility of standardising rates of work in certain sections of the combined offices of accounts and audit.

It will be noticed that, whereas the total outlay on Pay of Establishments, excluding the provision for miscellaneous temporary staff, has grown by 49 per cent. during the period under review the numbers of clerical establishment have expanded by no more than 27 per cent. and those of inferior servants by 38 per cent. Bearing in mind the fact that, in the case of clerical services, most of the new recruits have not yet attained to the average rates of pay on their time-scales, it is clear that less than three-quarters of the total increase of cost can be ascribed to the growth of numbers.

(iv) Another prominent cause of increase is the accrual of increments to additional establishment recruited immediately prior to the period under review. The years preceding 1924-25 saw very large additions to the establishments of the offices concerned. These represented, in some degree, the rectification of long-standing shortage of staff, but to a greater extent provision against the elaboration of accounts which was necessarily involved by the reformed constitution. The process commenced

in 1921, when the strength of the Bombay office was argued. Madras, Bengal, Burma and the Central Provinces received their increases in 1922; the Punjab, Central Revenues, the United Provinces and Assam in 1923 and Bihar and Orissa in 1924. Between the 1st April 1920 and the 1st April 1924, the strength of clerks alone, excluding Accountants, rose by very nearly 30 per cent. in the ten big combined offices. The rates of increment on the clerical time-scale are so fixed that the pay of a clerk, in practically every office, doubles after approximately eight years of service, while in certain offices the period is appreciably smaller. It can be calculated that the cost of increments accruing during the six years under review to the clerks, numbering approximately 750, who were recruited to new posts in the four years immediately preceding it, was in the neighbourhood of 3½ lakhs. Similarly, the increments of the 87 Accountants appointed to new posts during the same period amounted roughly to 1½ lakhs. The total increase of expenditure on this account may therefore be estimated as approximately 5 lakhs.

It is relevant to inquire to what extent this increase through increments is likely to continue in the future. No very definite reply can, however, be given to the question. Satisfactory life and service tables, from which the average official life of a clerk can be deduced, are not available. Statistics of casualties in the principal civil offices of accounts and audit have, however, recently been collected, and suggest that the official life of a clerk in those offices averages from ten to twelve years. If this is correct, the effect of the increments earned by the incumbents of posts newly created between 1920 and 1924 should reach its maximum in the course of the next two or three years; though that of the increments accruing to holders of posts created during the period under review must continue for some years to come.

(v) The single important revision of pay sanctioned during the six years' period was that of the pay of Accountants which was effected in January 1925. The average cost of this revision, in respect of the offices with which this memorandum is concerned, was estimated to be about 1,75; and this figure must by this time have been reached. The

change has, in addition, increased by about Rs. 50 a month the cost of each of the 190 new posts of Accountant created during the period under review.

(vi) The main general causes of the increased expenditure of 28,37 under Pay of Establishment may now be summarised by stating that approximately 2½ lakhs of it is due to the increased provision for temporary establishment; about 5 lakhs to the effect of increments earned by recruits to posts created between 1920 and 1924; about 2½ lakhs to revisions of pay; and the balance of approximately 18½ lakhs to increases of permanent establishment sanctioned during the period under review. Brief comments upon the more important increases of expenditure in individual offices, recorded in Table C, are offered below:—

*Auditor General* ... +80

The growth is mainly due to the increase by 10 of the posts of Accountant on the Auditor General's staff, which carry pay at the revised rate sanctioned in 1925. The expansion is due to the general increase of work.

*Director of Army Audit* ... +1,79

This increase is the direct result of the separation of accounts from audit on the Military side, which entailed the recruitment of a large new establishment.

*Director of Commercial Audit* +1,01

As already explained, the Commercial Section of the Audit Department was newly opened during the period under review to deal with an important, but previously rather neglected, branch of audit work.

*Examiner of Customs Accounts* +25

The principal cause of the increase was the institution of an experiment in continuous audit of Customs accounts in Calcutta, which, it is claimed, has saved more money than it has cost.

*Examiner of Press Accounts* +22

The principal factor in the growth of expenditure was an expansion of establishment in order to secure a check over the allocation to Commercial departments of the cost of Stationery and Printing.

*Audit Officer, Indian Stores Department* ... +1,78

This office has steadily developed, simultaneously with the work of the

Indian Stores Department itself, during the period under review. Practically the whole of its expenditure is, however, recovered from the Stores Department and brought to account under the sub-head *Deduct—Recoveries* from other Governments, etc. The propriety of continuing to make such a recovery is, it is understood, under consideration.

*Accountant General, Central Revenues, and dependent Pay and Account Offices* ... +2,44

A considerable proportion of the increase is due to expansion of establishment in connection with the experiments in separation of accounts from audit. Clerical staff has grown, during the period, by 120, in spite of the surrender of 20 men to the Central Accounts Office, Public Works Department, which is financed from the New Capital budget. The provision made in the budget of 1929-30 for the pay of the men surrendered was 35. A great part of the growth of establishment was, however, due to the needs of the main office itself; which, having absorbed the independent office of the Deputy Accountant General at Delhi on its own transfer to that city, and having made over 20 Accountants and clerks to the P. W. D. Office and about 85 with their work to the Pay and Account Offices, still employs 278 men against 308 in 1924-25. Moreover, the clerical staff of the main office grew by about 110 between the 1st April 1920 and the 1st April 1924, so that the effect of increments in this case is considerable.

*Accountant General, Madras* +1,88

A considerable portion of the increase is the result of the institution of the temporary audit office for the Cauvery Metur project. The provision for temporary establishment in 1929-30 was 46, against a provision of 11 in 1924-25; and the bulk of this growth may be ascribed to the new office. The growth of permanent establishment during the period under review has been comparatively small, but there was a big expansion of over 120 hands between the 1st April 1920 and the 1st April 1924. The institution of the Pay and Accounts Office at Bangalore has added very little to the cost.

*Accountant General, Bombay* +3,17

Making allowance for the fact that the cost of senior Local Fund auditors,

which was 65 in 1924-25, has been transferred to the sub-head Pay of Officers, the true increase has been one of 3,82. Of this, 91 is due to the development of the Audit Office for the Lloyd Barrage in Sind, which was in its infancy in 1924-25. There has been an increase of about 23 in the provision for temporary staff, while the growth of establishment in 1920-24 was as great as that which occurred in Madras.

*Accountant General, Bengal* +2,57

There was an increase of clerical staff by 44 between 1924 and 1930, and by about 65 between 1920 and 1924. The provision of 1929-30 for temporary establishment exceeded that of 1924-25 by approximately 35; this being one of the offices in which large demands for additional permanent staff are being held over.

*United Provinces, Accounts and Audit* +2,85

These are the offices in which complete experimental separation of accounts from audit has been effected. Largely owing to this separation, there was a growth by 181 of clerical staff; while the four years immediately preceding the period under review saw a growth of about 98. It will be seen that the increase of expenditure in these offices exceeds by about 70 the average increase in combined offices of similar size. It must, however, be remembered that the increments accruing to the 181 new recruits must operate steadily to increase the total outlay for some years to come.

*Accountant General, Punjab* +3,10

The cost of this office has been increased by the institution of the temporary audit office for the Hydro-Electric Scheme at Jogindarnagar, and by the separation of accounts from audit in the North-West Frontier Province. The latter has cost approximately 59, while the effect of the temporary office is reflected in the provision for temporary establishment which has risen from 56 in 1924-25 to 95 in 1929-30. The clerical staff grew by about 110 between 1920 and 1924, and, excluding new hands engaged for the Peshawar office, by 95 during the period under review.

*Accountant General, Burma* +3,04

The principal factors in this increase are a growth of clerical staff by about 75 in 1920-24 and by 68 in 1924-30. An additional cause of increase is the fact that compensatory allowances, to the

total of about 92, were merged in pay, and therefore transferred to this sub-head, in the course of the period under review. The true increase is therefore 2,12.

*Accountant General, Bihar and Orissa* +69

*Accountant General, Central Provinces* +1,10

*Comptroller, Assam* +53

The expansion of staff, both before and after the 1st April 1924, is the principal cause of the increase in these cases.

*Lump Sum Reserve for temporary establishment.* +1,00

This provision, which is retained by the Auditor General for distribution among his subordinate offices, is not a new provision. It was made in 1924-25, also but, in the accounts of that year, the expenditure from the provision was debited to the offices which actually utilised it.

(c) *Allowances, Honoraria, etc.* +2,24

Allowing for the merger in pay of compensatory allowances in Burma which were formerly debited to this sub-head, the true increase is one of 3,16. This may be ascribed generally to the creation of new offices; the increase of staff; and the expansion of local audit activities, entailing larger outlay upon travelling.

(d) *Supplies and Services and Contingencies.* +1,92

The budget of the Auditor General's office in 1929-30 contained provision of 75 for the cost of priced publications of Government to be supplied to all the offices under his control. The estimate proved to be unduly high, but in any case the expenditure, if incurred, would have been counterbalanced by corresponding revenue under the head Stationery and Printing, and is therefore nominal only. The balance of the increase under this head is a necessary result of the expansion of the activities of the department.

(e) *Establishment charges paid to other Governments, etc.* — 86

There are two main causes for this decrease. The first of these is the transfer to staff under the control of the Auditor General of local inspection work previously performed by provincial establishments in Madras and



Burma. The second is the discontinuance of audit, on behalf of the Auditor General, of the accounts of the Jorhat Provincial Railway, which has been leased to a Company.

(f) *Deduct—Recoveries from other Governments, etc.* — 2,78

The principal items of increased recoveries are the following:—

+1,54 Increased recoveries from the Indian Stores Department by its Audit Office.

+75 Increased recoveries recorded in the Punjab Books, due partly to the growth of deposit work in connection with the Sutlej Valley Project, and partly to increased local audit performed on behalf, and at the expense, of the local Government.

+56 Due to the increase of local audit work in Bengal.

+35 Due to the increase of local audit work done by the staff of the Accountant General, Central Revenues.

Against the above must be set off the abolition of recoveries, amounting to about 36 in 1924-25, from the Shan States Federation for audit and accounts work performed on its behalf. Such recoveries have been ruled to be improper.

(g) *Charges in England and Loss by Exchange.* +1,13

The following table shows the actual sterling charges of each of the six years:—

TABLE E.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.
Home Auditor and Staff	£ 14,080	£ 14,703	£ 15,587	£ 16,183	£ 16,375	£ 16,875	2,795
<i>Deduct—Recoveries from His Majesty's Treasury</i>	—7,800	—6,719	—3,525	—3,437	—3,437	—3,375	—4,425
Other charges	14,636	18,105	15,687	21,832	14,047	16,275	1,639
<b>Total</b>	<b>20,916</b>	<b>26,089</b>	<b>27,749</b>	<b>34,578</b>	<b>26,985</b>	<b>29,775</b>	<b>8,859</b>

It will be seen that there has been a steady increase in the cost of the India Office Auditor and his establishment, while the recoveries from the British Government have fallen as more and more work has been transferred from the Secretary of State in Council to the High Commissioner. Other charges, consisting mainly of leave salaries, deputation pay and sterling overseas pay, have shown the fluctuations which invariably occur in respect of those items.

8. As a preliminary to summarising the reasons for the growth of expenditure under this head, it seems desirable to investigate the exact effect upon it of the separation of accounts from audit so far as it has gone at present. The

relevant figures must, however, be approximations only. As the pay of officers actually employed in each office is not separately recorded, it is necessary to adopt the average pay of each class of officer concerned. This is, however, possibly an advantage, as it discounts accidental variations due to the employment in particular offices of unusually senior or unusually junior officers. Proceeding on these lines, the increase of expenditure due to the separation of military audit from accounts may be put at 3.25. Of the civil offices, attention may first be devoted to the United Provinces, in which complete separation has been effected. The following figures of expenditure are instructive:—

Office.	1924-25.	1929-30.	Increase.	
			Amount.	Percentage.
Accountant General, Bengal	7.99	10.42	2.43	30
Accountant General, Burma	8.19	10.67	2.48	30
United Provinces (offices)	7.87	12.44	4.57	58

It appears that, in two combined offices of accounts and audit, approximately equal in size to the old combined office in the United Provinces, the normal growth of work, accrual of increments, etc., have caused an increase of expenditure by 30 per cent. in six years, or of 5 per cent. a year. It is therefore permissible to ascribe, in the United Provinces also, 30 per cent. of the increase to similar causes, and to assume

that the remainder, amounting to 2.21, is the real cost of separation. In the case of the remaining separated offices, the extra cost after separation is recorded in the accounts and may be set out as follows:—

Pay and Accounts Officer, Survey of India.	40
Pay and Accounts Officer, Miscellaneous Central Departments.	37

Pay and Accounts Officer, Delhi Civil Administration.	6	+40	Intensification of the audit of Customs receipts.
Pay and Accounts Officer, Secretary.	62	+7,86	Cost of separation of accounts from audit.
Pay and Accounts Officer, Bangalore	18	+2,75	The effect of revision of pay.
Pay and Accounts Officer, Customs, Calcutta.	11		
Pay and Accounts Officer, North- West Frontier Province.	1,09		
		<u>+19,65</u>	
Total .	<u>2,83</u>		

In this case also, it is legitimate to make some deduction on account of the normal growth of the work and establishments transferred from the parent combined offices to the separated account and audit offices. The true increase due to separation may, at an outside estimate, be put down at 2,40. The approximate increase due to separation may therefore be stated as 3,25 on account of military test audit, 2,21 in the United Provinces and 2,40 in the remaining civil offices: the total being 7,86.

9. It is now possible to summarise as follows the principal causes of the total increase of 34,33 under this head as a whole:—

+2,55	Nominal increases, covered by specific increase of revenue.
+3,25	Cost of the Commercial Audit Section of the Audit Department.
+1,44	Temporary Offices for the Cauvery Metur Project and Punjab Hydro-Electric Scheme.
+1,40	Development of quasi-permanent office for the Lloyd Barrage and Canals Construction.

These are, of course, round figures only. The balance of approximately 14,68 may be put down to the ordinary expansion of work and to the accrual of normal increments.

10. In conclusion, it should be stated that the effect of the increments accruing to the numerous additional clerks appointed to posts sanctioned between 1920 and 1924 is probably not yet exhausted, while increments earned in the new posts added during the period under review must cause increased expenditure for some years to come. There is therefore every prospect that outlay under this head will continue to grow steadily in the near future. The budget provision for 1930-31 exceeded by over 5 lakhs that of the preceding year.

#### Account No. 35.—Administration of Justice.

The following table shows the expenditure under this head in each of the six years under review. For convenience of reference, the receipts of the minor administrations under the head are shown at the foot of the table and the net expenditure deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
1	2	3	4	5	6	7	8	9
<i>Charges in India.</i>								
Contributions paid to Punjab Government . . . . .	..	36,000	36,000	36,000	36,000	40,100	40,100	..
Judicial Commissioners . . . . .	81,443	81,814	1,30,777	1,35,722	1,41,239	1,46,500	65,067	..
Law Officers . . . . .	98,948	97,772	1,86,507	1,34,384	1,72,443	1,19,800	20,852	..
Civil and Sessions Courts . . . . .	6,22,300	6,47,457	6,59,338	6,86,604	7,01,393	7,13,000	90,700	..
Criminal Courts . . . . .	2,65,677	2,97,362	3,64,780	3,28,093	3,38,431	3,41,900	76,223	..
Courts of Small Causes . . . . .	37,970	45,627	44,667	51,088	49,479	54,500	16,530	..
Works . . . . .	122	..	1,707	746	3,591	200	78	..
	11,06,450	12,06,032	14,23,776	13,72,637	14,42,576	14,16,000	3,09,550	..
<i>Charges in England.</i>								
Leave Salaries, etc . . . . .	36,598	86,436	30,327	17,502	52,957	74,000	37,402	..
Loss by Exchange . . . . .	12,876	28,395	10,291	72	79	..	..	12,876
GRAND TOTAL . . . . .	11,55,924	13,20,863	14,64,394	13,90,211	14,95,612	14,90,000	3,46,962	12,876
							Net Increase . . . . .	3,34,076
Revenue from Administration of Justice . . . . .	4,16,658	3,68,892	3,61,518	3,90,765	3,55,103	3,61,000	..	55,658
Net Expenditure . . . . .	7,39,266	9,51,871	11,02,876	9,99,446	11,40,509	11,29,000	3,89,734	..

2. The table shows an increase of 3,34 in gross and of 3,90 in *net* expenditure. The principal causes of increase are set out below.

*Contributions paid to the Punjab Government.* +40

These are new charges debited in the accounts of Delhi. They consist of a contribution of 36 on account of the work done for the province by the Punjab High Court, and another of 4 as remuneration for the training of officers in commercial law.

*Judicial Commissioners* +65

The principal items are the institution of an additional Judicial Commissioner and his staff in the North-West Frontier Province, which cost 48, and a new item of 9 in Ajmer-Merwara, which represents the cost of establishment provided for the Judicial Commissioner, Western India States, who serves Ajmer also. The balance is due to minor expansions and the accrual of increments.

*Law Officers* +21

The main causes are a contribution of 15 to the Bombay Government, on account of the services of the local law officers, which was sanctioned with retrospective effect from 1921-22, and an increase of 10 in the allowances paid to the Public Prosecutor in Delhi. There were minor decreases elsewhere.

*Civil and Sessions Courts* +91

There was an increase of 93 in the North-West Frontier Province, which is explained as due to a number of minor revisions of pay and expansions of staff, to normal increments and to over-provision for leave salary in the estimates of 1929-30. An increase of 10 in Central India, due to the assumption from the Army Department of the cost of Cantonment Magistrates' Courts, was counterbalanced by a corresponding decrease in Bangalore, owing to the transfer to the head General Administration of the cost of the District Magistrate and his staff.

*Criminal Courts* +76

The principal factors are:—

- (1) an increase of 51 in the North-West Frontier Province, due to the growth of crime;
- (2) an increase of 34 in Baluchistan, of which 29 is nominal only, being the result of a transfer of charges from the head Political;
- (3) a growth of 24 in Delhi, on account of allowances and diet, etc., to witnesses, which was due mainly to the increase of criminal cases; and
- (4) a nominal fall of 30 in Bangalore, due to the transfer to General Administration of the cost of the District Magistrate and his staff.

*Courts of Small Causes* +17

The growth is the result of minor increases in Delhi and Ajmer-Merwara.

3. It will be noticed that the transfers from and to other grants practically balance out, so that the increase of 3,34 in gross expenditure is a true increase. It may be summed up as due principally to the following causes:—

- 2,02 to the growth of civil and criminal work in the North-West Frontier Province;
- 55 to the payment of new contributions to the Punjab and Bombay Governments, on account of services which had been rendered ever since the institution of the reformed constitution; and
- 24 to the expansion of criminal work in Delhi.

The balance is due to minor increases under various heads in the various areas.

#### Account No. 36.—Jails and Convict Settlements.

The following table exhibits the expenditure under this head in each of the six years under review. For convenience of reference, the revenue from this subject has been inserted at the foot of the table and the *net* expenditure deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
<b>CHARGES IN INDIA.</b>								
<i>Jails in Minor Administrations.</i>								
Jails	7,72,859	8,32,480	8,76,653	9,17,323	9,49,468	10,14,350	2,41,491	
Charges for moving Prisoners	20,850	17,324	28,736	29,171	19,947	22,150	1,300	..
Jail Manufactures	90,835	74,234	81,567	96,686	1,16,038	1,22,900	32,065	..
<b>Total Jails</b>	<b>8,84,544</b>	<b>9,24,038</b>	<b>9,86,956</b>	<b>10,43,180</b>	<b>10,85,453</b>	<b>11,59,400</b>	<b>2,74,856</b>	<b>..</b>

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
<i>Convict Settlement in the Andaman and Nicobar Islands.</i>								
Superintendence . . . . .	2,10,165	2,41,186	2,35,035	3,06,449	2,40,124	2,72,300	62,135	..
Medical . . . . .	1,02,201	97,281	97,569	89,135	1,29,558	1,65,300	63,099	..
Police . . . . .	2,52,719	2,60,615	2,64,097	2,54,843	2,71,362	2,84,500	31,781	..
Marine . . . . .	82,700	1,17,585	1,75,420	1,48,590	2,76,433	2,93,200	2,10,500	..
Education . . . . .	23,555	24,530	27,397	40,161	39,623	47,900	24,345	..
Miscellaneous Jail Charges . . . . .	3,22,521	3,40,848	7,08,288	8,25,999	8,52,998	9,21,600	5,99,079	..
Commissariat . . . . .	6,87,164	5,56,125	3,21,758	2,07,613	1,26,308	2,81,800	..	4,05,364
Minor Departments . . . . .	7,201	7,390	11,039	9,036	11,757	12,900	5,699	..
Charges in connection with the mail steamer "Maharaja" . . . . .	10,24,747	7,66,346	1,61,466	2,03,056	1,79,905	2,61,100	..	7,63,647
Charges in connection with other steam vessels . . . . .	..	..	2,91,378	2,27,800	86,191	1,91,000	2,91,000	..
Works . . . . .	..	1,96,659	3,85,971	54,892	72,564	4,30,000	4,30,000	..
Deduct.—Probable Savings . . . . .	..	..	..	..	..	—3,00,000	..	—3,00,000
<b>TOTAL.—Convict Settlements</b> . . . . .	<b>27,12,973</b>	<b>26,08,565</b>	<b>26,69,415</b>	<b>23,77,574</b>	<b>23,86,823</b>	<b>29,61,600</b>	<b>17,17,638</b>	<b>14,69,011</b>
							<i>Net Increase</i>	<b>2,48,627</b>
<i>Charges in England</i> . . . . .	34,866	41,162	26,499	74,997	41,484	40,000	5,164	..
<i>Loss by Exchange</i> . . . . .	12,940	13,511	9,010	349	43	..	..	12,940
<b>GRAND TOTAL</b> . . . . .	<b>36,45,323</b>	<b>35,87,276</b>	<b>36,91,880</b>	<b>34,96,100</b>	<b>35,13,803</b>	<b>41,61,000</b>	<b>5,15,677</b>	<b>..</b>
Revenue . . . . .	6,93,123	5,56,187	3,46,195	4,11,265	3,48,227	3,51,000	..	3,42,123
<i>Net Expenditure</i> . . . . .	<b>29,52,200</b>	<b>29,91,089</b>	<b>33,45,685</b>	<b>30,84,835</b>	<b>31,65,576</b>	<b>38,10,000</b>	<i>Net Increase</i>	<b>8,57,800</b>

2. It will be seen that the bulk of the expenditure relates to the Convict Settlement in the Andaman Islands, and this will be examined separately from the outlay on Jails in the other minor administrations.

3. The gross increase under Jails proper amounts to 2,75. Of this, 2,41 appears under the sub-head Jails, 32 under Jail Manufactures and the small residue under Charges for moving Prisoners. Of the increase under Jails, 1,82 occurred in the North-West Frontier Province, and was due almost entirely to the increase in Jail population, which necessitated some expansion of establishments and considerable additional outlay on dietary charges and other supplies and services. An increase of 52 in Baluchistan is due to the fact that that administration now pays the cost of maintaining its own long-term convicts, who are distributed over various provincial jails pending the completion of the construction of a new jail at Mach.

4. The increase under Jail Manufactures, which occurred in the North-West

Frontier Province, is purely nominal. There was a new charge of 14 on account of a change in classification, representing the cost of convict labour for which the sub-head Jails now takes credit by deduction from expenditure, and additional revenue of 17.

5. Under Convict Settlements, the table shows a gross increase of 2,49. This does not, however, represent the full growth of expenditure. As will be explained below, it must be increased by 3,59, being the approximate amount of recoveries, credited as revenue in 1924-25, which are now brought to account by deduction from expenditure. The real increase thus becomes 6,08, and is due to the growth in the number of "self-supporter" convicts and the development of the Islands as a free settlement.

6. The principal variations under individual sub-heads of account for the convict settlement are examined below.

*Superintendence* . . . . . + 62

Of this, 14 represents revision of pay, 17 the cost of passages of self-supporters and 28 provision for the running of

motor lorries. The third item is counterbalanced by a decrease in the provision for animal transport under the sub-head Commissariat.

*Medical* ... + 63

As much as 49 of this increase is purely nominal; 6 being a transfer from the head Forests and 43 from the sub-head Commissariat. The balance represents the cost of establishments employed to replace convict labour.

*Police* ... + 32

The true increase, which is due to revision of pay, accrual of increments, etc., is 26, the remaining 6 having been transferred from other sub-heads.

*Marine* ... + 2,10

The introduction of motor-boats and the replacement of convict labour cost 30. The balance is due to increased outlay on marine supplies, of which 1,32, representing the cost of new lighters, a steam launch and mooring gears, is non-recurring.

*Education* ... + 24

This increase is due to the expansion of the free settlement. The five-year programme of educational development accounts for nearly one-third of it.

*Miscellaneous Jail Charges* + 5.99

There are three important items under this sub-head. An increase of 4,82 is due to the increased grant of subsistence money to self-supporters, and is largely counterbalanced by savings under Commissariat Supplies. There is a reduction of 50 in the cost of clothing, due to the fall in the number of convicts. Finally, there is a nominal increase of 1,61 under freight and passage charges, set off by a deduction from expenditure under the sub-heads dealing with the S. S. "Maharaja" and the station ship.

*Commissariat* —4,05

This decrease is due to a fall in the cost of commissariat supplies, owing to the reduction in convict strength, and the replacement of animal by motor transport. As already explained, it is set off by increases under other sub-heads.

S.S. "Maharaja" —7,64  
*Other Steam Vessels* + 2,91 } —4,73

It will be convenient to consider these two sub-heads together. The second sub-head, so far as the budget for 1929-30 is concerned, relates to the cost of the station ship "Ahmadi", and had no counterpart in 1924-25. Of the combined decrease of 4,73, a great part is purely nominal. Recoveries from the Forest Department for freight, which were recorded as revenue under Jails and Convict Settlements in 1924-25, are now brought to account by deduction from expenditure. Exact figures of their amount are not available; but, as the revenue from Jails in the Andamans fell by 3,59 in the period under review, it will be reasonable to adopt this figure as a fair estimate. A further deduction of 1,61 is set off by expenditure recorded under the sub-head Miscellaneous Jail Charges. Finally, there is a fall of 1,19 in the combined cost of chartering the two vessels; the hire of the "Maharaja" having decreased by 4.01. On the other side of the account, there is a growth of 80 in the cost of fuel, due entirely to the needs of the second ship, and a growth of 1,00 in Port Expenses and other charges. The true increase of expenditure may be put at about 47; and may be ascribed to an increase in working expenses, caused by the employment of a second vessel, partially set off by a reduction in the price of charters and a larger transfer from Jails and Convict Settlements to Forests; the latter being justified by the larger amount of timber shipped by the Forest Department.

*Works* ... + 4,30

The expenditure under this head is naturally non-recurring. The provision of 1929-30 included 30 for quarters for self-supporters and 4.00 for dredging operations in the interests of malaria prevention.

7. The general position under Convict Settlements may be summed up by stating that there has been a true increase of expenditure amounting to 2.49 plus 3.59, or 6.08. Of this, 4.30 under Works and 1.32 under Marine represent non-recurring expenditure. The balance of 46 is mainly due to outlay on the development of the Islands as a free settlement.

## Account No. 37.—Police.

The following table shows the expenditure under this head in each of the six

years under review. For convenience of reference, the figures of revenue have been set out at the foot of the table and the *net* expenditure deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
<i>Charges in India.</i>								
Presidency Police . . . . .	1,66,719	2,50,652	1,30,701	1,25,978	1,46,158	1,57,000	..	9,711
Superintendence . . . . .	1,00,205	95,471	1,02,501	1,35,219	1,69,878	1,80,150	79,945	..
District Executive Police . . . . .	60,25,123	58,69,290	58,84,287	58,22,690	61,25,235	65,18,100	4,92,977	..
Police Training Schools . . . . .	..	..	13,000	13,950	17,100	15,400	15,400	..
Railway Police . . . . .	4,64,301	4,83,550	4,88,646	4,95,787	5,35,357	5,09,125	44,824	..
Criminal Investigation Department	1,14,737	1,15,400	88,171	1,10,795	1,51,573	1,57,325	42,588	..
Cattle Pounds . . . . .	3,426	2,987	2,945	3,109	2,965	3,000	..	42
Miscellaneous . . . . .	1,643	1,986	1,603	9,735	1,856	5,900	4,257	..
Works . . . . .	9,856	5,353	10,870	16,173	23,753	6,000	..	3,85
Deduct.—Probable Savings . . . . .	..	..	..	..	..	—85,000	..	85,000
	68,86,010	68,24,689	67,22,724	67,33,436	71,73,925	74,67,000	6,79,991	99,000
<i>Expenditure in England</i> . . . . .	1,26,546	2,22,502	1,45,495	1,65,420	1,88,746	1,92,000	65,454	..
<i>Loss by Exchange</i> . . . . .	47,142	72,746	49,413	798	240	..	..	47,14
<b>Total</b> . . . . .	<b>70,59,698</b>	<b>71,19,937</b>	<b>69,17,632</b>	<b>68,99,654</b>	<b>73,62,911</b>	<b>76,59,000</b>	<b>7,45,445</b>	<b>1,46,14</b>
							<i>Net Increase</i>	<b>+ 5,99,302</b>
Revenue . . . . .	75,826	5,33,581	—2,21,013	1,93,583	5,37,453	4,37,000	3,61,174	..
<b>Net Expenditure</b> . . . . .	<b>69,83,872</b>	<b>65,86,356</b>	<b>71,38,645</b>	<b>67,06,071</b>	<b>68,25,458</b>	<b>72,22,000</b>	<b>2,38,128</b>	<b>..</b>

It will be seen that the gross expenditure has grown by 5,99 and the *net* expenditure by 2,38 during the period. The principal variations under sub-heads are examined below.

(a) *Presidency Police* —10

The fall in expenditure is nominal only. A charge of 15, being the cost of policing departmental offices in Calcutta, has been transferred to the Posts and Telegraphs budget. On the other hand, additional charges of 9 and 7 have been incurred in Bombay in connection with the protection of pilgrims and the guarding of the Mint and Currency Offices respectively; while there have been minor decreases of 5 under passport work in Bombay and 6 under miscellaneous police work in Calcutta.

(b) *Superintendence* +80

The accounts of Rajputana show a new charge of 60 under this sub-head, the bulk of which does not represent a true increase, having been transferred from the sub-head District Executive Police. The balance of the increase occurred in the North West Frontier Province, and is due in equal proportions to

enhanced expenditure under Contingencies and to normal growth under Pay of Officers and Establishments.

(c) *District Executive Police* +4,93

The true increase since 1924-25 is considerably larger than the figures in the table suggest. The expenditure upon Police Training Schools, which was formerly debitable to this sub-head, is now taken to a separate sub-head; a considerable portion of the outlay under this sub-head in Rajputana has been transferred to other sub-heads; and, as shown below, the figures for the Western India States Agency were swollen in 1924-25 by incorrect debits. The true increase under this sub-head is in the neighbourhood of 6 lakhs. The principal variations in the different areas are as follows:—

+2,42 in the N. W. F. P. This is the result of expansion of establishment and of revision of the strength, pay, etc., of the force on the lines followed in the Punjab.

+1.23 in Baluchistan. Of this, 39 is non-recurring expenditure on

the re-armament of the Zhob-Loralai Police, and the balance represents the cost of accrual of increments and excessive provision for leave-salary in an over-estimated budget. The revised estimates anticipated a total saving of 71, including a saving of 35 contemplated by the budget and included in the entry under the sub-head *Deduct—Probable Savings*.

+ 1,69 in Delhi. Of this, 89 is due to expansion of establishments; 39 to revision of pay; and most of the balance to the grant of compensatory allowances.

—87 in Rajputana represents expenditure transferred to the sub-heads Superintendence and Criminal Investigation Department.

+ 2,17, in Hyderabad, is a purely nominal increase, being due to the re-classification as revenue of recoveries formerly brought to account by deduction from expenditure.

—1,53 in the Western India States Agency. The decrease is nominal only. It is not easy to disentangle the accounts figures, but it appears that police charges of the Mahi Kantha and Rewa Kantha Agencies, amounting to 2,54 but reduced by recoveries of 80 to 1,74, were, in 1924-25, wrongly debited to this head, instead of to the head Political. The abolition of the Cutch Agency Police effected a saving of 16, and the true increase of 37 is apparently largely due to the fact that 1924-25 saw arrear recoveries on account of police supplied to railways.

—25 is a reduction in the remuneration paid to the Governments of the United Provinces and the Punjab for police work performed in the mofussil.

(d) *Police Training Schools* + 15

As already explained, this is not a true increase, as the expenditure was previously recorded under the sub-head District Executive Police. There has been a real decrease of expenditure on this account, as the total outlay of 1924-25 was about 48.

(e) *Railway Police* + 43

The chief factor in this growth is an increase of 28 in the charges payable by Delhi to the Punjab Government. Of this, 12 is nominal only, arrear recoveries of this amount having been realised in 1924-25; while an expansion of 7 is due to the cessation of recoveries from the East Indian and Great Indian Peninsula Railways when these lines were taken over by the State. There were minor increases in the N. W. F. P., Rajputana and Bangalore also.

It should be mentioned that recoveries on this account, amounting to 90 in 1929-30, are credited by deduction from expenditure under this sub-head; while a police subsidy of 2,30 paid by the Baroda Darbar is credited as revenue under the head Tributes.

(f) *Criminal Investigation Department* + 43

The chief factor in the increase is a new item of 39 in Rajputana, the bulk of which is a mere transfer from the sub-head District Executive Police.

(g) *Deduct—Probable Savings* —85

This saving must be distributed over the various sub-heads in the account, but the bulk of it may be expected to accrue under District Executive Police. It was actually provided in the estimates of the N. W. F. P. (50) and Baluchistan (35). It was, if the revised estimates were accurate, far more than realised in the latter administration and very nearly secured in full in the N. W. F. P.

3. In appraising the true growth of expenditure under this head, it is necessary to add to the gross figure of 5,99 sums of 15, being the amount transferred to the Posts and Telegraphs Department budget, and 1,74, being the incorrect debits of 1924-25 under Western India States Agency. On the other hand, deductions must be made of 2,17 in Hyderabad, which is due to a re-classification of recoveries and is counter-balanced by increased revenue, and of 12 in Delhi, which represents arrear recoveries credited in 1924-25. The true increase is thus approximately 5,59, and is very largely due to the expansion of the Police force in the N. W. F. P. and Delhi.

### Account No. 38.—Ports and Pilotage and Lighthouses and Lightships.

The following table shows the expenditure on (a) Ports and Pilotage and (b) Lighthouses and Lightships in each of the six years under review. It would have been preferable to follow the present Demands for Grants by treating the

two heads separately, but this course is rendered impracticable by the impossibility of distributing the English charges of the earlier years. It may, however, be assumed that the bulk of the sterling expenditure relates to the head Ports and Pilotage, and the accounts of the two branches will be separately treated on this assumption.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease
<i>Charges in India.</i>								
Bengal Pilot Service . . . . .	14,22,327	17,53,827	16,08,707	14,18,726	12,51,206	13,39,000	..	83,32
Port Establishments—								
Direction . . . . .	..	..	..	..	15,020	55,600	55,600	..
Port Officers and Establishments.	1,24,108	1,40,936	1,73,404	1,39,439	1,72,511	3,05,310	1,81,202	..
Shipping Offices . . . . .	1,50,045	1,63,151	1,44,370	1,93,126	1,87,690	1,99,682	49,637	..
Ship Survey Department . . . . .	1,53,827	1,83,724	1,95,150	1,95,689	2,08,506	2,58,308	1,04,481	..
Training Ship . . . . .	..	1,16,661	67,001	5,27,331	2,05,995	2,39,600	2,39,600	..
Scholarships . . . . .	..	..	..	..	..	4,500	4,500	..
Miscellaneous . . . . .	..	..	5,745	7,294	7,291	8,000	8,000	..
Deduct.—Probable Savings . . . . .	..	..	..	..	..	—57,000	..	57,000
<i>Lighthouses and Lightships.</i>								
Direction . . . . .	..	..	..	..	..	1,08,900	1,08,900	..
Contribution to Depreciation and Reserve Funds . . . . .	..	..	..	..	..	3,63,800	3,63,800	..
Accounts and Audit . . . . .	..	..	..	..	..	14,000	14,000	..
Pensionary Charges and Provident Funds . . . . .	..	..	..	..	..	27,000	27,000	..
Overhead Charges . . . . .	..	..	..	..	..	38,500	38,500	..
Lighthouses . . . . .	1,78,582	1,90,210	1,93,560	1,95,352	1,89,143	2,58,010	79,428	..
Lightships . . . . .	2,99,544	6,57,875	9,08,534	4,85,996	3,36,765	2,80,790	..	18,7
<b>Total</b> . . . . .	<b>23,28,433</b>	<b>31,06,364</b>	<b>32,97,471</b>	<b>31,63,003</b>	<b>25,74,127</b>	<b>34,44,000</b>	<b>12,74,648</b>	<b>1,59,000</b>
							<i>Net Increase</i>	<b>11,15,567</b>
<i>Expenditure in England.</i>								
Pay, Passages, Leave Salaries, etc. . . . .	79,284	84,783	1,16,859	1,02,204	2,82,972	2,23,000	1,43,716	..
Stores . . . . .	32,130	2,41,760	2,17,060	37,107	15,693	2,000	..	30,1
Loss by Exchange . . . . .	41,647	1,06,970	1,13,406	706	549	..	..	41,6
<b>Grand Total</b> . . . . .	<b>24,81,494</b>	<b>35,39,897</b>	<b>37,44,796</b>	<b>33,03,020</b>	<b>28,73,341</b>	<b>36,99,000</b>	<b>14,48,364</b>	<b>2,30,8</b>
							<i>Net Increase</i>	<b>12,17,506</b>

2. *Ports and Pilotage.*—Treating the whole of the English charges as debitable to Ports and Pilotage, the growth of expenditure under that head amounts to 5.75. The main causes of the increase were two. The first of these was the decision to centralise the administration of shipping and navigation, the cost of which had previously been met to a great extent by Port Trusts and Port Funds. The second cause was the institution of the Training Ship “Dufferin” in order to produce Indian officers for the mercantile marine. The principal items

of increase and decrease are analysed below:—

#### (a) *Bengal Pilot Service*

—83

The main factors of the decrease were a fall of 80 in non-recurring expenditure on the repair of vessels, etc., and of 36 on fuel, owing to a reduction in the price of coal; partially set off by an increase of 38 in the cost of allowances payable under the sub-head Pilotage and Pilot Establishments. The bulk of the



latter is due to the grant of compensatory allowances in the expensive sea-port towns.

(b) *Port Establishments: Direction* +56

The increase is due to the establishment of a Nautical Adviser and a Chief Surveyor in pursuance of the policy of centralisation.

(c) *Port Officers and Establishments* +1,81

This also is a result of centralisation. Four new offices were established, and the lion's share of the cost of a fifth, at Rangoon, was taken over from the local Government. The expansion under this sub-head was not completed when the budget for 1929-30 was prepared. The provision for 1930-31 is 3,69, involving a further increase of 64.

(d) *Shipping Offices* +50

The growth of expenditure is mainly due to the appointment of a new Shipping Master and two Assistant Shipping Masters, together with a payment of 13 as the rent of an office hired in Bombay.

(e) *Ship Survey Department* +1,04

Of the increase, 51 is the cost of new Ship Surveyors, appointed in connection with the policy of centralisation, and about 20 is due to the grant of compensatory allowances to officers of the Royal Indian Marine stationed in Bombay and Calcutta.

(f) *Training Ship "Dufferin"* +2,40

The bulk of the non-recurring initial outlay on the training ship has now been completed, and the expenditure may be expected to stabilise in the neighbourhood of the provision for 1929-30; though there will be some expansion on account of normal increments of pay to the establishment.

(g) *English Charges* +72

The growth of expenditure is largely due to the grant of Sterling Overseas Pay to members of the Bengal Pilot Service, which was sanctioned with retrospective effect in 1928-29.

(h) *Probable Savings* —57

This provision must be distributed over the various sub-heads discussed

above. The revised estimates of 1929-30 anticipated that the savings would be more than realised, owing principally to under-spending in Bombay and Rangoon on Port Officers and their establishments.

3. *Lighthouses and Lightships*.—The increase of expenditure on Lighthouses and Lightships is 6,13. This also is mainly due to the inception of a policy of centralisation, though the nominal expenditure is to some extent inflated as a result of the commercialisation of the accounts. It should be stated, however, that the entire expenditure, a considerable portion of which is not final outlay, is covered by the fees which are now recovered from shipping and credited as revenue. The principal increases are explained below:—

(a) *Direction* +1,09

This expenditure is entirely new, and is due to the centralisation of the administration of major Lights.

(b) *Contribution to Depreciation and Reserve Funds* +3,63

Of these new debits, 1,24 and 1,13 respectively represent payments into Reserve Funds for Depreciation and for Additions and Replacements, and are held in deposit until they are required to finance renewals, etc., of the future. The balance of 1,27, which is shown as credited to a General Reserve Fund, represents the anticipated excess of the revenue over the expenditure of the year; and does not amount to expenditure in the true sense of the word. The revised estimates of 1929-30 provided as much as 4,01 under this head, suggesting excess revenue of this amount.

(c) *Accounts and Audit* +14

(d) *Pensionary charges and Provident Funds* +27

(e) *Overhead charges* +38

The increase under these sub-heads is mainly the result of the commercialisation of the accounts. If the latter had been prepared on the ordinary "cash" basis, a great part of the expenditure would have been debited to other heads of account. The bulk of the outlay is, however, new and due to the expansion of staff and the elaboration of administration.

(f) *Lighthouses and Lightships* +61

This also is the result of centralisation. A reduction of 1,07 in Burma is more than set off by new expenditure in Madras, Bombay and Karachi, where the service had previously been financed from Light Funds and Port Funds.

4. It is the policy of Government to incur no expenditure upon Lighthouses and Lightships which is not completely covered by the fees collected from shipping. This ideal is fully attained at present. Leaving out of account the money deposited in the Depreciation and Renewal and Replacement Funds, and the expenditure transferred, as a result of "commercialisation," to this from other heads, the revised estimates anticipate a *net* revenue of 4,01, which is to be placed in the General Reserve

Fund. In 1924-25, when many of the lights were maintained at the expense of local funds, the revenue received by Government was 7,43 and its expenditure on this object was 4,78, leaving a surplus revenue of 2,65. The true increase of the six years under review may therefore be reduced by 1,36 and put, in the light of the revised estimates, at 4,77; while there is an accumulation of 2,37 in the Depreciation and Renewals and Replacement Funds which will be available to reduce revenue expenditure of the future.

**Account No. 39.—Ecclesiastical.**

The following table sets forth the expenditure under this head in each of the six years under review.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
<b>CHARGES IN INDIA.</b>								
<i>Church of England.</i>								
Stipends of Bishops . . . . .	1,00,501	96,642	1,03,184	76,843	96,722	1,16,880	16,379	..
Pay of Chaplains, etc. . . . .	16,25,540	12,54,138	10,37,906	10,77,182	10,29,238	9,96,731	..	..
Pay of Establishment . . . . .	85,970	83,947	86,427	87,257	87,974	89,181	3,211	6,28,809
Allowances, Honoraria, etc. . . . .	2,40,068	3,43,240	3,34,697	2,75,768	2,70,150	2,82,088	42,020	..
Supplies and Services and Contingencies . . . . .	1,36,578	95,420	96,617	1,03,915	1,01,222	1,01,801	..	34,777
Grants-in-Aid . . . . .	..	..	3,15,270	3,34,376	3,51,665	3,61,800	3,61,800	..
<i>Church of Scotland.</i>								
Pay of Chaplains and Establishment	1,08,163	1,05,719	92,593	1,03,605	1,02,334	1,04,359	..	3,804
Allowances, Honoraria, etc. . . . .	23,375	34,094	46,800	35,509	42,746	47,419	24,044	..
Supplies and Services and Contingencies . . . . .	9,882	12,915	10,626	13,201	13,614	14,055	4,173	..
<i>Church of Rome.</i>								
Allowances of Bishops, Priests, etc. . . . .	35,490	35,807	34,715	35,410	36,222	39,175	3,685	..
Cemetery Establishment . . . . .	1,18,950	1,23,250	1,20,151	1,24,518	1,32,083	1,27,443	8,493	..
Miscellaneous . . . . .	28,460	32,049	29,316	30,038	33,882	26,800	..	1,660
Works . . . . .	..	23,375	32,352	39,645	90,778	72,860	72,860	..
<i>Charges in England.</i>								
Leave Salaries and Deputation Pay	2,79,622	3,28,871	3,20,276	4,06,092	3,84,977	4,00,000	1,20,378	..
Sterling Overseas Pay . . . . .	1,65,822	3,70,140	3,52,086	4,77,519	4,49,791	4,73,000	3,00,128	..
Other Items . . . . .	7,050	5,630	5,930	4,600	7,107			
Loss by Exchange . . . . .	1,64,059	2,30,612	2,30,740	3,976	1,411	..	..	1,64,059
<b>Total</b> . . . . .	<b>31,29,530</b>	<b>31,75,849</b>	<b>32,49,736</b>	<b>32,29,460</b>	<b>32,31,916</b>	<b>32,53,592</b>	<b>9,57,171</b>	<b>8,33,179</b>
						<b>Net Increase</b>	<b>1,24,002</b>	

2. The more important variations under individual sub-heads are discussed below :—

(a) *Church of England; Stipends of Bishops* +16

The increase is nominal only. The Bishop of Madras was on leave out of India in 1924-25, and a saving necessarily accrued.

(b) *Church of England; Pay of Chaplains, etc.* —6,29

The four principal factors in this decrease were :—

- (1) A reduction by 33 of the number of Government Chaplains.
- (2) Replacement, under the Lee Concessions, of a certain portion of rupee pay by sterling overseas pay.
- (3) Transfer from this sub-head to the sub-head Grants-in-Aid of allowances granted (elsewhere than in the Bombay Presidency) to Clergymen of the Additional Clergy Society and other Societies. The total provision on this account was 2,00 in the budget of 1929-30. In Bombay, such allowances were formerly debited to the sub-head Allowances, etc.
- (4) Transfer from this sub-head to the sub-head Allowances, etc., of provision for the cost of passages, which amounted to 74 in 1929-30.

All these reductions are set off by increases under other sub-heads. Item (1) resulted in additional Grants-in-Aid to the Metropolitan in lieu of Chaplains reduced. Item (2) is more than counterbalanced by greater expenditure on Sterling Overseas Pay. Items (3) and (4) are little more than transfers to the sub-heads Grants-in-Aid and Allowances. The decrease may, therefore, be said to be nominal.

(c) *Church of England; Allowances, Honoraria, etc.* +42

A nominal increase of 74 is due to the transfer described under (b) (4) above; and a true growth of 36 to the grant of

compensatory allowances to Chaplains posted in certain expensive cities. On the other hand, there is a nominal decrease of about 50 owing to a transfer of charges from this sub-head to the sub-head Grants-in-Aid.

(d) *Church of England; Supplies and Services and Contingencies* —35

The decrease is nominal only.

There was a transfer to the sub-head Grants-in-Aid, etc., of a sum of 32 representing grants on account of Chaplains reduced; and a transfer to the sub-head Works of expenditure of 9 on petty construction and repairs in the United Provinces. There has, therefore, been a slight growth of real expenditure under this sub-head.

(e) *Church of England; Grants-in-Aid* +3,62

There are two principal classes of Grant-in-Aid, the majority of which were, in 1924-25, debited to the sub-head Pay of Chaplains, etc. The first of these comprises the grants made to the Metropolitan on account of Chaplains reduced. Excluding a transfer of 32 from the sub-head Contingencies, the actual expenditure on this account has risen by 88 during the period under review, and is more than counterbalanced by a fall in the pay actually disbursed to clergymen. The second class of grant covers the allowances formerly given to clergymen of the Additional Clergy Society and other recognised Societies appointed to perform the duties of Chaplains. In lieu of these payments, a composition grant of 2 lakhs is now given to the Metropolitan, and this is approximately equal to the allowances previously paid direct. As explained under (b) (3) above, the debit has been transferred to this sub-head from Pay of Chaplains, etc. On the whole, it may be said that the growth of expenditure under this sub-head is fully covered by reductions elsewhere.

(f) *Church of Scotland; Allowances, Honoraria, etc.* +24

The increase is mainly due to the grant of Presidency and other compensatory allowances to Chaplains posted in expensive cities.

## (g) Works +73

This increase is nominal only. It is the result of the transfer to this head of the cost of all except petty construction and repairs of ecclesiastical buildings, etc., in the United Provinces and the Punjab. Such expenditure was, in 1924-25, debited to the head Civil Works; the actuals of that year being 12 in the United Provinces and 38 in

the Punjab. The change of classification was made, in respect of the United Provinces from the 1st April 1925 and, in the case of the Punjab, from the 1st April 1928.

## (h) Expenditure in England and Loss by Exchange. +2,56

The following table shows, in pounds sterling, the home expenditure of each of the six years under review:—

	Leave Salaries and Deputation Pay.	Sterling Overseas Pay.	Other Charges.	Total.
	£	£	£	£
Actuals, 1924-25 . . . . .	27,962	16,582	705	45,249
„ 1925-26 . . . . .	32,887	37,014	563	70,464
„ 1926-27 . . . . .	32,028	35,209	598	67,835
„ 1927-28 . . . . .	30,457	35,814	345	66,616
„ 1928-29 . . . . .	28,873	33,734	593	63,140
Budget, 1929-30 . . . . .	30,000	35,475		65,475
Increase . . . . .	2,038	18,188		20,226

It will be seen that the cost of leave salaries and deputation pay, and the other charges which consist mainly of recruitment expenses, have continued approximately unchanged. The bulk of the increase is under the sub-head Sterling Overseas Pay, and is due to the Lee concession which substituted such pay for a portion of the rupee pay of Chaplains. Some part, but not the whole, of the increase is counterbalanced by a fall in rupee expenditure under the Indian sub-head Pay of Chaplains.

3. In summarising the growth of expenditure under this head, it may be said that, of the total increase of 1,24, 16 under Stipends of Bishops and 50 under Works are purely nominal. The balance of 58 is almost entirely due to the grant of compensatory allowances to Chaplains posted in expensive cities.

#### Account No. 40.—Political and Frontier Watch and Ward (Excluding Works).

The head Frontier Watch and Ward was opened in the year 1927-28 in order

to accommodate all expenditure connected with the defence of the frontiers of India. The expenditure in question was transferred mainly from the heads Political, Police and Civil Works, but there were minor transfers from the heads Medical and General Administration also.

2. In order to present a true picture of the growth of expenditure of this nature, a combined table has been prepared, exhibiting the complete expenditure upon Political and Frontier Watch and Ward (excluding Works) for each of the six years under review. The statement includes, in the first three years of the series, the equivalent of the expenditure recorded under the heads Police, Medical and General Administration which was subsequently transferred to Watch and Ward. The expenditure on the frontiers in connection with Buildings and Communications is not incorporated in the table, but is treated in the separate memorandum dealing with the outlay upon Civil Works: the reason being that it is not easily separable from that incurred upon other Civil Works. The table reads as follows:—

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<b>EXPENDITURE IN INDIA.</b>								
<i>Present Head 'Political'.</i>								
Political Agents . . . . .	70,45,328	68,72,695	72,00,175	} 82,51,410	82,27,845	81,53,330	7,38,909	..
Charges on Tibet Frontier . . . . .	3,69,093	3,81,400	3,43,546					
Allowances to Tribes . . . . .	8,44,863	8,15,131	8,03,179	8,47,347	8,24,843	8,35,000	..	9,863
Diplomatic and Consular Services in Persia . . . . .	14,48,071	16,60,742	9,23,315	9,22,797	10,32,207	8,20,800	..	6,27,071
Political Subsidies . . . . .	4,17,550	4,16,924	4,17,580	4,21,523	4,50,100	4,49,600	32,050	..
Entertainment charges . . . . .	4,87,831	6,17,630	5,29,213	5,67,798	5,38,424	4,68,505	..	19,326
Refugees and State Prisoners . . . . .	4,15,615	4,36,695	3,74,654	3,70,011	3,59,774	3,29,506	..	86,109
Special Political Expenditure . . . . .	10,00,329	10,16,643	10,03,879	10,63,617	10,00,000	10,00,000	..	329
Indian State Forces . . . . .	4,61,233	5,09,967	5,70,758	5,75,613	5,97,239	6,47,300	1,86,067	..
Lighting and Buoying of the Persian Gulf . . . . .	3,13,121	45,907	—15,451	89	..	..	..	3,13,121
South Persia Military Police . . . . .	5,366	23,804	—1,648	1,150	..	..	..	5,366
Miscellaneous . . . . .	15,37,965	16,02,892	12,64,619	15,38,900	11,39,022	12,03,159	..	3,34,806
Works . . . . .	50,442	38,372	2,55,648	1,33,125	2,42,713	4,29,900	3,79,458	..
Deduct—Probable Savings . . . . .	..	..	..	..	..	—80,000	..	[80,000
<i>Present Head "Watch and Ward".</i>								
Frontier Constabulary and Militia . . . . .	1,83,26,586	1,90,11,822	1,89,97,938	1,91,11,220	1,87,38,981	1,93,93,200	10,66,614	..
Other Charges, excluding Works . . . . .	7,04,300	8,93,980	12,09,462	9,64,914	7,51,675	8,02,700	1,98,400	..
<b>EXPENDITURE IN ENGLAND, INCLUDING LOSS BY EXCHANGE.</b>								
Political . . . . .	} 11,14,976	14,36,985	14,42,231	{ 10,81,099	14,15,836	13,19,000	} 3,18,024	..
Frontier Watch and Ward . . . . .								
Deduct—Recoveries from Foreign Office . . . . .	—9,21,882	..	—4,72,362	..	..	..	9,21,882	..
<b>Total . . . . .</b>	<b>3,36,20,787</b>	<b>3,57,80,589</b>	<b>3,48,46,736</b>	<b>3,59,48,836</b>	<b>3,54,35,848</b>	<b>3,58,86,000</b>	<b>37,41,404</b>	<b>14,76,191</b>
							<i>Net Increase</i>	<b>22,65,213</b>

3. It will be seen that the total expenditure has grown, during the six years' period, by 22,65. The principal variations under individual sub-heads are examined in detail in the following paragraphs.

4. *Political Agents and Charges on the Tibet Frontier.*—The table shows an increase of 7,39 under this sub-head, but certain additions and subtractions must be made to and from this figure in

order to arrive at the true growth of expenditure. In the first place, owing to the fact that the method of adjusting Aden charges in future was under discussion with the Home Government, the budget of 1929-30 made no provision for the cost of administering Aden, which may be put at 4,62. On the other side of the account, a reclassification of certain recoveries as revenue caused an apparent addition to expenditure of 1,71

which would, under the system previously in force, have been brought to account by deduction from expenditure; recoveries amounting to 30 under Western India States were accidentally omitted from the budget for 1929-30; and transfers from other heads of account brought about an addition of 2,22 under this sub-head. These transfers were:—

Cost of Nepal Resident's escort, transferred from military budget	+ 43
Cost of stores for Scouts in Gilgit, transferred from military budget	+ 10
Cost of telephone lines in the North-West Frontier Province, transferred from the military budget	+ 32
Certain charges in Central India, transferred from the head Miscellaneous	+ 31
Certain charges in Assam, transferred from Frontier Watch and Ward	+ 1,06
	<hr/>
	2,22

5. The true growth of expenditure under this sub-head is therefore 7,39 + 4,62 — 1,71 — 30 — 2,22, or 7,78. The following were the principal factors in this increase:—

+ 34	Increased expenditure connected with the Kabul Legation.
+ 4,38	Additional liabilities taken over on the assumption by the central Government of direct relations with certain States in Western India. These are mainly police charges and contributions towards the cost of district establishments employed upon Agency work.
— 36	Reduction in the cost of the administration of Aden. This reduction was nominal only, as there were, in 1924-25, heavy non-recurring charges.
— 31	The abolition of the Malwa Political Agency in Central India.
+ 50	Non-recurring compensation paid to Wazirs in the North-West Frontier Province.
+ 45	Increased cost of training Probationers

+ 24	In the Punjab States	} Representing expenditure upon increase of staff and revision of pay.
+ 24	In Kashgar	
+ 45	In Burma	
+ 90	In the North-West Frontier Province	
+ 68	In Baluchistan	
+ 64	In the Western India States	

6. *Diplomatic and Consular Services in Persia.*—The decrease of 6,27 is not a true decrease. Against it must be taken a portion of the reduction by 9,23 of recoveries made from the Foreign Office. The figure of 9,23 in 1924-25 included £16,000, or approximately 2,19, on account of arrears of War charges; while the receipt side of the budget of 1929-30 makes provision of 1,73 for similar recoveries which are now, owing to a change of classification, credited as revenue. The true *net* decrease of Persian expenditure is therefore 6,27 + 2,19 + 1,73 — 9,23, or 96. The complications are due to a change in procedure. It is the ordinary rule that expenditure on these services is divided in moieties between the Government of India and the Home Government. In 1924-25, practically the whole of the establishments were paid, in the first instance, by the Government of India, which recovered its share from His Majesty's Government towards the close of each year. In recent years, the latter Government has assumed the initial responsibility for paying the staff of several consular offices; and the *net* balance due to the Government of India, after taking into account the shares due by and to each of the parties, is now credited as revenue, instead of being brought to account by deduction from expenditure. Of the decrease of 96 in true *net* expenditure, a reduction of 70 is due to a decrease in the amount paid for consular escorts; military escorts having been replaced by pensioners employed on contract.

7. *Political Subsidies.*—The increase is mainly due to a provision of 30, in the budget of 1929-30, to be paid as a subsidy to His Highness the Mehtar of Chitral.

8. *Refugees and State Prisoners.*—The decrease of 86 is the result of the following changes, partially set off by increased outlay in Burma:—

— 45	In Bengal; due to the release of Regulation III prisoners.
------	--

—45 In the United Provinces; due to the death of the ex-Amir of Afghanistan and certain transfers of internees to Burma.

—23 In the Punjab; due to transfers

9. *Indian State Forces*.—The chief causes of the increase of 1,86 were the following:—

+1,52 Increase in officers and staff and revision of pay.

+15 Provision for the cost of priced publications, which is counterbalanced by corresponding revenue under the head Stationery and Printing.

+15 Cost of Lee concession passages to officers.

10. *Lighting and Buoying of the Persian Gulf*.—The decrease of 3.13 under this sub-head represents a true saving. The expenditure on this object, which was previously borne by the central Government, is now met from a fund fed by fees paid by shipping interests.

11. *Miscellaneous*.—The accounts of 1924-25 included unusual non-recurring charges of 5.40 in the North-West Frontier Province and 54 in Baluchistan. Taking these into account, there is a true increase of 2.59 under this sub-head. Of this, 1.20 is the cost of the hire of a despatch vessel for the Political Agent in the Persian Gulf; 20 represents non-recurring expenditure on a Commission appointed in the North-West Frontier Province; 24 and 29 cover increased outlay on the Mewar Bhil Corps and the Mina Corps respectively; 14 is an increase in the grant at the disposal of H. E. the Viceroy for secret service; and the balance is the cumulative result of minor increases elsewhere.

12. *Works*.—Of the increase of 3,79, a sum of 2,00 is the provision made for buildings of the Punjab States Agency, which would, in 1924-25, have been debited to the head Civil Works. The balance is due to a change of classification; provision for petty construction and repairs being now made under this sub-head, instead of being scattered over the various sub-heads of the grants concerned.

13. *Frontier Constabulary and Militia*.—Of the gross increase of 10,67, as much as 6,35 is non-recurrent expenditure on the expeditions from Burma to the Triangle. In the

same province, there has been a permanent saving of 1,20 through the abolition of the Putao District. The *net* increase of 5,52 is due mainly to the expansion of the constabulary in Baluchistan, and to grain compensation allowance, bonus and revision of pay of officers in the North-West Frontier Province. An outlay of 78 on grain compensation allowance in the latter province, and of 91 on a temporary increase to the Chagai Levy Corps in Baluchistan may be classed as non-recurrent.

14. *Other Charges*.—The chief causes of the decrease are a transfer in the Assam budget of 1,06 to the head Political and of 51 to the head Medical; partially set off by a transfer of medical expenditure in the North-West Frontier Province from the sub-head Frontier Constabulary and Militia to this sub-head.

15. *Expenditure in England*.—The actual increase in sterling expenditure has been £26,277, which, at 1s. 6d. to the rupee, represents 3,50. The difference between this figure and the figure 3,18 appearing in the table is due to the fact that, in the year 1924-25, rupees were remitted to England at the average exchange rate of 1s. 5½d., and the sterling expenditure of that year is accordingly converted at that rate. The entire growth under this sub-head represents increased expenditure on Leave Salaries and Deputation Pay and upon Sterling Overseas Pay. The latter item, in particular, has grown by £19,369 or, expressed in thousands of rupees, by 2,58.

16. *Deduct.—Recoveries from the Foreign Office*.—The reason for the cessation of these recoveries has been explained in paragraph 6 above.

17. *Summary*.—The growth of expenditure under these two heads may now be summarised as follows. To the increase of 22,65 shown in the table, the following sums must be added in deducting the true gross increase:—

Cost of administering Aden . . . . .	4,62
Unusual items of 1924-25 in Kermanshah . . . . .	39
Cost in 1924-25 of lighting and buoying the Persian Gulf . . . . .	3,13
Unusual miscellaneous items of 1924-25 in the North-West Frontier Province and Baluchistan . . . . .	5,94
Total . . . . .	14,08

On the other hand, certain legitimate deductions may be made from the budgeted expenditure of 1929-30, as follows:—

Recoveries now credited as revenue . . . . .	3,59
Recoveries accidentally omitted from the budget of 1929-30 . . . . .	30
Transfer from Military budget . . . . .	85
Expeditions to the Triangle . . . . .	6,35
Non-recurring expenditure on Compensations . . . . .	50
Works, transferred from head Civil Works . . . . .	2,00
Total . . . . .	13,59

18. The true increase of expenditure is thus approximately 23,14, and is principally due to the following items:—

New responsibilities in connection with the assumption of direct relations with the States of Western India . . . . .	+4,38
General expansion of Political Agencies (about). . . . .	+4,00
Increased outlay on Indian State Forces . . . . .	+1,71

Net increase of expenditure on Frontier Watch and Ward (about) . . . . .	+6,00
Non-recurring Increase on minor Works. . . . .	+1,79
Miscellaneous expenditure . . . . .	+2,60
Increase in sterling outlay on Leave Salaries, Sterling Overseas Pay, etc. . . . .	+3,50
Decreased expenditure on Refugees and State Prisoners . . . . .	—86

#### Account No. 41.—Survey of India.

The following table exhibits the expenditure incurred in India under this head in each of the six years under review. It is not possible to deduce the exact amount of the charges incurred in England, as these are not brought to account separately for the various scientific departments. The sterling outlay of those departments as a whole is therefore discussed in a separate memorandum. For convenience of reference, the revenue of the department is shown at the foot of the table and the *net* expenditure deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Direction and Control . . . . .	1,57,380	1,57,756	1,60,036	1,63,956	1,65,832	1,61,800	4,420	..
Headquarter Offices . . . . .	10,78,787	10,77,558	10,68,999	10,85,509	11,25,529	12,13,600	1,34,813	..
Mathematical Instrument Office . . . . .	2,89,007	3,15,817	3,45,889	3,83,480	4,00,617	4,29,500	1,40,493	..
Survey Parties . . . . .	38,37,608	38,34,576	40,79,282	38,26,090	41,77,655	41,13,100	2,75,492	..
Works . . . . .	47,175	25,800	7,384	17,495	27,391	18,600	..	28,575
<i>Deduct—Recoveries from other Governments, Departments, etc.</i> . . . . .	—22,27,101	—21,60,924	—23,28,180	—23,24,736	—25,34,105	—22,21,600	5,501	..
<i>Deduct—Probable Savings</i> . . . . .	..	..	..	..	..	—3,72,000	..	3,72,000
Total . . . . .	31,82,856	32,50,583	33,33,410	31,51,794	33,62,919	33,43,000	5,60,719	4,00,575
						<i>Net Increase</i>	1,60,144	
Revenue . . . . .	1,56,928	2,24,827	3,26,619	2,99,199	3,09,452	3,09,000	1,52,072	..
<i>Net Expenditure</i> . . . . .	30,25,928	30,25,756	30,06,791	28,52,595	30,53,467	30,34,000	8,072	..

2. It will be seen that the table shows an increase of 1,60 in gross and of 8 in *net* expenditure. Even this is not a true increase, since, as will be shown later, some portion of the growth is covered by increased revenue under other heads of account. On the other hand, the sterling outlay of the scientific departments has grown by 5,14 during the

period; and the bulk of this expenditure must be laid to the charge of the Survey of India.

3. The more important variations under individual sub-heads of the account are discussed below:—

*Headquarter Offices* . . . . . +1,35



The offices included under this heading are the Correspondence and Drawing Branch, the Lithographic, Photographic and Engraving establishments, the Trigonometrical Office and various Drawing Offices. The true growth of expenditure is 2,19, since a drawing office costing 84 was transferred to the sub-head Survey Parties on the formation of the Frontier Survey Circle in 1926. The principal factors in this increase were the following:—

- +22 Grant of compensatory and house allowances in Calcutta.
- +15 Provision of map racks in the Map Record and Issue Office.
- +1,66 Increase of permanent and temporary staff (about 53); increased travelling and other allowances (29); increased contingencies (17) and normal increments (about 70).

During the period, the total receipts from sale of maps, whether credited as revenue or taken in reduction of expenditure, rose from 3,48 to 4,19, an increase of 71.

#### *Mathematical Instrument Office* +1,40

In order to deduce the true growth of expenditure, it is necessary to deduct a sum of 20, which represents a charge for office rent covered by revenue of another Government department, and a charge of 45 for Customs duty which is similarly covered. The true increase is therefore 75, which is mainly due to the expansion of workshop staff and increased expenditure under Supplies and Services; both being due to the increased demand for instruments. The total recoveries from the sale of instruments rose by 1,17 during the period. On the other hand, a considerable portion of the increased sterling expenditure on stores must be put down to the requirements of this office.

#### *Survey Parties* +2,75

In order to appreciate the true growth of expenditure under this sub-head, it is necessary to deduct the following items:—

- +84 the cost of the Drawing Office transferred from the sub-head Headquarter Offices on the creation of the Frontier Circle;

+35 the cost of escort arrangements, which is covered by specific recoveries from the Army Department; and

+42 half the cost of warm clothing; the corresponding recovery, which was previously brought to account by deduction from expenditure, being now credited as revenue.

These items total 1,61, leaving a *net* increase of 1,14; to which must be added 47, being the saving accruing to the Indian portion of the budget from the substitution of sterling overseas pay for a portion of the rupee pay of officers. About 20 of this increase may be ascribed to the extra cost occasioned by the creation of the Frontier Circle, which is recovered from the Army Department. Nearly a lakh of the balance is due to increased expenditure on travelling and other allowances owing to the difficult nature of the country in which certain of the parties are operating; and most of the rest to accrual of increments.

#### *Works*

—29

The decrease is due to the fact that extensive repairs to the Castle Hill Estate in Mussoorie were being carried out in 1924-25, which have since been completed.

#### *Recoveries*

+6

The principal feature under this sub-head is a decrease of 2,10 in the recoveries from local Governments and private bodies for miscellaneous work; counter-balanced by an increase of fixed contributions from the Army Department; for the Frontier Circle and Cantonment work, from Indian States and from local Governments, which totalled 1,03, and by a growth of 1,02 in recoveries of the price of maps and instruments sold to Government departments.

#### *Probable Savings.*

—3,72

This estimated saving must be distributed over the various sub-heads, including the provision for English expenditure on Stores which was included in the demand for the departmental grant. According to the revised estimates of 1929-30, the expectation was not realised; the total anticipated saving being 1.45, of which as much as 1,02 occurred under the sterling sub-head.

**Account No. 42.—Zoological Survey.**

The following table shows the expen-

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers . . .	43,380	54,775	54,253	64,214	68,099	71,900	28,520	..
Pay of Establishment . . .	38,603	38,932	49,105	50,516	52,418	61,400	22,797	..
Allowances, Honoraria, etc.	8,698	10,056	22,840	23,728	26,336	24,500	15,802	..
Supplies and Services . . .	41,880	37,851	25,071	27,961	42,348	38,200	..	3,680
Contingencies . . .	13,572	13,647	18,892	16,226	16,501	15,000	1,428	..
<b>Total</b> . . .	<b>1,46,133</b>	<b>1,55,261</b>	<b>1,70,161</b>	<b>1,82,645</b>	<b>2,05,702</b>	<b>2,11,000</b>	<b>68,547</b>	<b>3,680</b>
					<i>Net Increase</i>		<i>64,867</i>	

As in the case of the other Scientific Departments, the table is not quite complete, since it omits a small amount of charges in England.

2. The table shows an increase of 65 in the six years' period. Taking into account the facts that the year 1924-25 saw special expenditure of 16 under Supplies and Services which had no counterpart in 1929-30, and that the provision for the latter year included 10 as the cost of priced publications which is set off by corresponding revenue under the head Stationery and Printing, the true increase amounts to 71.

3. The increase is the result of the resumption of the expansion of the Department which was interrupted on the recommendation of the Inchcape Committee. Two sanctioned posts of officers have been filled (12); the staff has been considerably increased (18); and greater provision has been made for travelling

diture under this head in each of the six years under review:—

allowances. Additional expenditure of 10 is due to the admission of the officers of the Department to the benefits of the Calcutta compensatory allowance scheme. Most of the balance represents the accrual of ordinary increments of officers and establishment.

**Account No. 43.—Botanical Survey.**

The following table exhibits the expenditure in India under this head in each of the six years under review. It is impossible to separate the expenditure in England from that of the other Scientific Departments, and the entire English charges are therefore handled in a separate memorandum. For convenience, the receipts from the sale of quinine, which constitute the revenue of the Department, are exhibited at the foot of the table and the *net* expenditure deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Botanical Survey—</i>								
Pay, etc., of officers and establishment . . . . .	46,724	49,175	52,250	52,742	56,917	61,400	14,676	..
<i>Cinchona Plantations—</i>								
Pay, etc., of Officers and Establishment . . . . .	32,543	31,782	34,386	28,262	27,766	35,600	3,057	..
Purchase of Bark . . . . .	1,42,190	3,04,056	1,20,914	1,90,175	1,24,141	..	..	1,42,190
Plantation Charges . . . . .	86,266	1,16,325	1,13,398	1,17,458	1,25,152	1,21,002	34,034	..
Contingencies . . . . .	3,870	4,008	3,858	3,007	3,284	4,500	630	..
Amounts paid to Local Governments for extraction of quinine . . . . .	73,350	36,274	63,798	52,896	67,191	87,300	13,950	..
Works . . . . .	..	..	..	4,000	3,000	..	..	..
<b>Total, Cinchona Plantations</b> . . . . .	<b>3,38,219</b>	<b>4,92,445</b>	<b>3,36,334</b>	<b>3,95,798</b>	<b>3,50,534</b>	<b>2,48,600</b>	<b>52,571</b>	<b>1,42,190</b>
<b>Total Expenditure</b> . . . . .	<b>3,84,943</b>	<b>5,41,620</b>	<b>3,88,584</b>	<b>4,48,540</b>	<b>4,07,451</b>	<b>2,10,000</b>	<b>67,247</b>	<b>1,42,190</b>
							<i>Net Decrease</i>	<b>74,943</b>
Revenue from sale of Quinine . . . . .	2,09,402	3,51,270	2,89,048	3,49,608	3,81,543	3,20,000	1,10,598	..
<b>Net Expenditure</b> . . . . .	<b>1,75,541</b>	<b>1,90,350</b>	<b>99,536</b>	<b>98,932</b>	<b>25,908</b>	<b>—10,000</b>	<b>..</b>	<b>1,85,541</b>

2. It will be seen that the gross expenditure has fallen by Rs. 74,943 and the *net* expenditure by Rs. 1,85,541. The decrease occurs under the sub-head Cinchona Plantations, and is due to the termination of a contract under which Java bark was purchased from Messrs. Howard of London, to be subsequently converted into quinine by the Governments of Bengal and Madras. With the expiry of the contract, the expenditure on purchase of bark has entirely vanished; while the payments to local Governments for extracting quinine will cease on the exhaustion of the accumulated stock of foreign bark. The latter payments are *net* payments, the value of sales of quinine made by the local Governments being deducted from the amount payable to the Department; and low sales were partly responsible

for the increase in *net* payments in the later years of the series. The growth of outlay under Plantation Charges is the result of the steady development of Government's cinchona plantations.

3. The comparatively small increase under Botanical Survey proper is mainly due to the filling up of a post which happened to be vacant in 1924-25.

#### Account No. 44.—Geological Survey.

The following table sets forth the expenditure incurred in India under this head in each of the six years under review. The sterling charges, being inseparable from those of other Scientific Departments, are discussed, for those departments as a whole, in a separate memorandum.

	Accounts, 1924-25.	Accounts, 1925-26.	Accounts, 1926-27.	Accounts, 1927-28.	Accounts, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers . . . . .	3,08,213	3,07,734	3,13,032	3,10,486	3,48,988	3,60,800	52,587	..
Pay of Establishments . . . . .	53,480	57,469	59,412	61,586	60,017	65,900	12,420	..
Allowances, Honoraria, etc. . . . .	53,917	68,605	1,32,089	1,00,181	1,13,515	1,16,800	62,883	..
Supplies and Services and Contingencies . . . . .	42,329	36,326	46,508	40,958	61,043	85,000	42,671	..
Grants-in-Aid, etc. . . . .	500	500	500	500	..	500	..	..
Burma Office . . . . .	35,400	28,750	32,057	39,083	43,128	55,000	19,600	..
<i>Deduct</i> —Recoveries from the Government of Burma . . . . .	—35,400	—28,750	—32,057	—39,083	—43,128	—55,000	..	19,600
<b>Total . . . . .</b>	<b>4,58,439</b>	<b>4,70,624</b>	<b>5,51,541</b>	<b>5,13,711</b>	<b>5,83,563</b>	<b>6,29,000</b>	<b>1,90,161</b>	<b>19,600</b>
					<i>Net Increase</i>		1,70,561	

2. The total expenditure of the department has increased by 1,71 during the six years' period. The more important variations under individual sub-heads are discussed below.

(a) *Pay of Officers*.—The principal cause of the increase of 53 was the filling up of four sanctioned posts of Assistant Superintendent and one of Sub-Assistant, which were vacant in 1924-25. Minor revisions of pay and accrual of increments were responsible for the balance of the increase.

(b) *Pay of Establishment*.—The growth of 12 was the result of the creation of a few minor posts and the accrual of increments.

(c) *Allowances, Honoraria, etc.*—The big increase of 63 under this sub-head was mainly due to the grant to the superior staff and the Sub-Assistants of compensatory allowances on the scales introduced for Calcutta in 1924. These scales

were extended to this department in 1926 and 1928.

A minor increase of 20 represents the cost of passages granted under the Lee concessions.

(d) *Supplies and Services and Contingencies*.—Of the growth of 43 under this sub-head, 32 is purely nominal, being the provision in the budget of 1929-30 for the cost of priced publications, which is set off by corresponding revenue under the head Stationery and Printing. The printing of certain special maps in 1929-30 was expected to cause the balance of the increase. The revised estimates anticipated, however, a saving of 20 under Supplies and Services.

(e) *Burma Office*.

*Deduct*—Recoveries from the Government of Burma.

These two entries counterbalance each other. The current arrangement is

that the pay, allowances, leave-salary, etc., of the Superintendents and Assistant Superintendents attached to the Burma Geological Survey Party are a charge on the Central Government and are debited to the sub-heads Pay of Officers and Pay of Establishment; while the rest of the cost of the party is recovered from the local Government.

3. In summarising the progress of expenditure under this head, it may be said that, of the true increase of 1,39, over a lakh is due to the filling of vacancies in the staff of officers and the grant to the higher ranks of the department

of compensatory allowances on the Calcutta scale and of Lee Concessions. The balance represents mainly minor expansions of staff and accrual of increments.

#### Account No. 45.—Archæology.

The following table shows the expenditure in India under this head in each of the six years under review. As in the case of the other Scientific Departments, the sterling expenditure is inseparable from that of others.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers . . . . .	2,23,257	2,12,216	1,77,951	2,09,316	2,06,547	2,22,100	..	1,1
Pay of Establishment . . . . .	1,64,805	1,67,304	1,84,876	1,86,960	2,02,867	2,21,600	56,795	..
Allowances, Honoraria, etc. . . . .	79,609	1,07,492	93,710	91,234	81,752	97,400	17,791	..
Conservation of Ancient Monuments . . . . .	6,79,206	7,02,491	7,10,564	6,88,546	7,16,113	7,13,000	33,794	..
Library and Publications . . . . .	42,241	24,354	22,391	28,328	19,647	59,600	17,359	..
Archæological Explorations . . . . .	47,736	99,923	2,39,968	2,37,344	2,36,675	2,54,600	2,06,804	..
Museums at Lahore, Taxila, Nalanda and in the United Provinces . . . . .	8,114	62,139	56,593	22,335	14,618	9,000	186	..
Other Supplies and Services . . . . .	23,604	49,652	45,596	40,650	29,583	27,400	3,796	..
Contingencies . . . . .	65,897	72,636	81,030	66,964	70,950	75,200	9,393	..
Collection and arrangement of Central Asian Antiquities Museum . . . . .	38,570	27,073	37,811	33,266	15,040	..	..	38,570
Publication of Archæological Materials . . . . .	..	..	..	..	20,813	42,100	42,100	..
<b>Total</b> . . . . .	<b>13,73,039</b>	<b>15,25,280</b>	<b>16,50,390</b>	<b>16,04,943</b>	<b>16,14,605</b>	<b>17,22,000</b>	<b>3,88,688</b>	<b>39,727</b>
						<i>Net Increase</i>	<b>3,48,961</b>	

2. The table shows an increase of 3,49; from which must be deducted 40, the provision made in 1929-30 for the cost of priced publications, which is offset by corresponding revenue under the head Stationery and Printing. The principal factors which led up to the true increase of 3,09 are discussed below.

*Direction, etc.* . . . . . +76

The increase is mainly due to increase of establishment, which has taken over part of the expense previously borne by the sub-heads Conservation of Ancient Monuments and Central Asian Antiquities Museum. The Department now performs its own Conservation work in the United Provinces and the Punjab, through establishments which cost, at the time of introduction, about 40. This work was previously done by the local Governments, to which a pay-

ment of 19 was made in 1924-25 and charged to Conservation.

*Conservation of Ancient Monuments* . . . . . +34

The actual increase would have been greater, had the cost of the establishments employed in the United Provinces and the Punjab not been transferred to other sub-heads.

Of the total budget provision of 7,13 for 1929-30 under this sub-head, 3,77 was designed to meet ordinary maintenance and upkeep and 3,24 for the execution of special repairs.

*Archæological Explorations* . . . . . +2,07

An annual grant of 2½ lakhs of rupees is now voted by the Legislative Assembly for this purpose. In 1924-25, the outlay was less than half a lakh.

*Publication of Archæological Materials* . . . . . +42

This is due to the deputation of Sir John Marshall on special duty to write up and publish the results of his 26 years of service as Director General. The deputation is expected to last for eight years in all, and it is hoped that its cost will be largely counterbalanced by the receipts accruing from the books which Sir John will publish.

*Collection and Arrangement of Central Asian Antiquities Museum*

—39

The decrease is nominal only. The cost of this work has been distributed over other sub-heads shown in the table.

3. This is another case in which a restriction of activities on the recommendation of the Inchcape Committee has

been removed on the recurrence of more favourable financial conditions. Even now, however, if the increased grant for Excavation is omitted from consideration, the departmental budget is smaller than it was when the Inchcape Committee found it in 1922-23.

**Account No. 46.—Meteorology.**

The following table gives the expenditure in India under this head in each of the six years under review. The receipts from Meteorology, if any, are insignificant, and separate figures of them are not available. The same is true of the sterling expenditure, which is discussed, for the Scientific Departments as a whole, in a separate memorandum.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers . . . . .	1,02,633	1,11,231	1,23,552	1,63,620	1,86,860	2,07,200	1,04,567	..
Pay of Establishment. . . . .	2,41,597	2,46,258	2,51,757	2,86,125	3,32,524	3,55,300	1,13,703	..
Allowances, Honoraria, etc. . . . .	31,776	34,493	40,346	55,484	76,877	77,800	46,024	..
Supplies and Services and Contingencies . . . . .	1,04,172	96,977	1,04,449	1,54,193	2,31,107	2,30,900	1,26,728	..
Minor Observatories . . . . .								
Allowances and Petty Construction and Repairs. } . . . . .	49,497	46,708	46,287	52,658	51,024	56,800	7,303	..
Weather and other Telegram Charges . . . . .	1,37,850	1,37,853	1,43,349	1,81,737	1,74,848	2,16,500	78,650	..
Subsidy paid to the Government of Burma . . . . .	..	3,000	1,500	1,500	1,500	1,500	1,500	..
Works . . . . .	..	..	1,34,378	5,85,647	3,10,900	43,000	43,000	..
<i>Deduct—</i>								
Recoveries . . . . .	..	..	..	..	—1,500	—3,000	..	3,000
Probable Savings . . . . .	..	..	..	..	..	—50,000	..	50,000
<b>Total</b>	<b>6,67,525</b>	<b>6,76,520</b>	<b>8,45,618</b>	<b>14,80,964</b>	<b>13,64,200</b>	<b>11,36,000</b>	<b>5,21,475</b>	<b>53,000</b>
						<i>Net Increase</i>	<b>4,68,475</b>	

2. It will be seen that the expenditure under this head has grown by 4,68 during the period. This increase is the direct result of the development of Aviation in India, which has necessitated the institution of adequate arrangements for the systematic investigation of weather and upper air conditions. The resultant expansion of expenditure was by no means complete at the end of 1929-30. The budget of 1930-31 shows a further growth of estimated expenditure by 6,27; and the Standing Finance Committee has been warned that, with the extension of Aviation, further heavy outlay, both recurring and non-recurring, will be necessary in future years. It should also be noted that even the

existing establishment will be a steady cause of increase for some years to come. The numerous clerks recently added to the establishment are all remunerated by time-scales of pay which rise to their maximum rates after a very considerable period; and it will be some time before the cost of the staff is stabilised at an average figure

3. Brief comments are offered below upon the growth of expenditure under the various sub-heads in the table.

*Pay of Officers* . . . . . +1,05

The causes of the increase may be summarised by stating that approximately 85 is due to the creation of additional posts, and the balance to the

accrual of increments. Sixteen new posts, permanent and temporary, have been created; the justification being the need for adequate supervision of the extended activities of the department.

*Pay of Establishments* ... +1,14

It is explained that approximately 67 of this increase is due to the expansion of staff, and the balance of 47 to the accrual of increments. The latter figure is intelligible when it is stated that, in the case of many lower division clerks, service of five years means an increase of pay by as much as 50 per cent. A minor point calling for notice is the fact that all clerks serving in the station at Delhi are given pay at the rates allowed to the attached offices of the Government of India; with the result that they are far better paid than the second division clerks serving in such expensive cities as Calcutta and Rangoon. They receive an initial pay of Rs. 75, as against Rs. 40, and can rise to Rs. 175, instead of Rs. 120. It would appear more proper to assimilate the pay of lower division clerks in Delhi with that of the establishments under the control of the Chief Commissioner. The actual increase of numbers during the period has been one of 93 in the clerical grades and of 30 servants.

*Allowances, Honoraria, etc.* ... +46

Of the increase of 46, a sum of 5 is due to Lee concessions, and 8 to the grant of compensatory and house allowances to gazetted officers posted in expensive cities. The bulk of the balance is due to increased travelling allowances owing to increased activity and to larger personnel; partially set off by a saving of 9 in Simla allowances through the transfer of the headquarters of the department to Poona.

*Supplies, Services and Contingencies* ... +1,27

The three most important factors in the increase are:—

- +30, the provision for the cost of priced publications, which is covered by corresponding revenue under Stationery and Printing;
- +32 on account of the extension of upper air works, being largely the cost of keeping balloons in commission; and
- +13, being the cost of supervising and maintaining the new headquarters building.

A further item of 3 is a new charge for Customs duty. The balance is made up of a number of minor items arising out of the growth of activities generally.

*Minor Observatories* ... +7

This increase is the result of employment of additional observers in connection with the multiplication of observing stations.

*Weather and other Telegram charges* ... +79

The expansion under this sub-head is at present in its infancy, and further heavy outlay is recognised as inevitable if Aviation is to be made reasonably safe. The expenditure, which will shortly be increased by the withdrawal of certain concessions hitherto granted by the Posts and Telegraphs Department, is, of course, largely counterbalanced by the additional revenue credited to that Department. The budget of 1930-31 provides 4,42 under this head, being a further increase of 2,26.

*Works* ... +43

The provision for 1929-30 was for the final stages of the new offices at Poona. With the growth of the Department, expenditure at other places may be expected to continue for some years.

4. It will be seen that, of the total increase of 4,68, 1,12 is not a true increase; being covered by more or less specific increases of revenue. Expansion, however, still continues. The total provision for Meteorology in the budget of 1930-31 is 18,43, being an increase of 11,75 over the actual figures of 1924-25. It is difficult to foresee the full demands of the future; but it seems improbable that the ultimate recurring expenditure will be eventually stabilised at a figure much below 25 lakhs. A considerable portion of this will, however, return in the shape of increased revenue from Posts and Telegraphs.

#### Account No. 47.—Mines.

The following table shows the expenditure in India under this head in each of the six years under review. The comparatively small sterling expenditure being inseparable from that of other Scientific Departments, is included in the combined sterling expenditure of all such departments, which is discussed in a separate memorandum.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pay of Officers . . . . .	1,22,119	1,14,192	1,26,713	1,19,707	1,27,356	1,33,400	11,281	..
Pay of Establishments . . . . .	45,966	47,431	49,209	51,113	52,856	55,100	9,134	..
Travelling Allowance . . . . .	30,328	32,323	44,031	38,469	34,626	26,400	..	3,928
Dear Allowances, Honoraria, etc . . . . .	336	1,570	10,563	7,337	3,387	5,700	5,364	..
Allowances and other charges in connection with Examinations . . . . .	5,347	9,888	10,415	9,520	6,159	7,800	2,453	..
Supplies and Services and Contingencies . . . . .	12,882	13,235	13,646	13,146	16,079	14,600	1,717	..
<b>Total</b> . . . . .	<b>2,16,978</b>	<b>2,18,639</b>	<b>2,54,577</b>	<b>2,39,292</b>	<b>2,40,463</b>	<b>2,43,000</b>	<b>29,949</b>	<b>3,928</b>
							<i>Net Increase</i>	26,021

2. The table shows an increase of 26. This is mainly due to expansion of staff to meet the elaboration of the law relating to Mines, but there are also minor increases on the following accounts:—

Leave Concessions	+2
Provision for cost of priced publications	+1
Increased cost of conducting examinations	+2

The second and third of these are covered by increased receipts on the

revenue side of the Budget, thus leaving the true increase under this head at a figure of 23.

#### Account No. 48.—Expenditure in India on Other Scientific Departments.

The following table exhibits the expenditure on this head incurred in India in each of the six years under review. The sterling charges of the Scientific Departments as a whole are discussed in a separate memorandum.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Museums . . . . .	55,481	61,399	68,016	67,740	66,945	58,600	3,119	..
Exploration of Petroleum, etc. . . . .	2,568	3,000	3,102	5,098	3,986	4,400	1,832	..
Donations to Scientific Societies . . . . .	3,12,500	2,69,733	2,68,000	2,78,267	2,78,000	4,73,000	1,60,500	..
Hydro-Electric Survey . . . . .	607	..	..	..	..	..	..	607
Works . . . . .	..	..	..	..	3,41,352	..	..	..
<b>Total</b> . . . . .	<b>3,71,156</b>	<b>3,34,132</b>	<b>3,39,118</b>	<b>3,51,105</b>	<b>6,90,283</b>	<b>5,36,000</b>	<b>1,65,451</b>	<b>607</b>
							<i>Net Increase</i>	1,64,844

2. It will be seen that the increase of expenditure during the period is shown as 1,65. The increase of real expenditure is greater than this figure would suggest. The expenditure of 1924-25 under Donations to Scientific Societies included arrears of 62 paid to the Indian Institute of Science in Bangalore on account of the previous year. The true growth under that sub-head is therefore 2,23. It is due to a recurring grant of 3 and a non-recurring grant of 2,00 to the Bose Research Institute in Calcutta, and an annual grant of 20 made, for five years from 1927-28 in the first instance, to the Indian Association

for the Cultivation of Science in the same city.

3. The minor increases under other sub-heads do not call for special comment.

#### Account No. 49.—Expenditure in England of the Scientific Departments.

The following table shows the sterling expenditure of the Scientific Departments as a whole in each of the six years under review. It is not practicable to separate the English charges appertaining to individual departments included in the group.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Dec- rease.
	£	£	£	£	£	£	£	£
Stores for India . . . . .	17,591	18,589	24,279	30,887	33,744	47,400	29,809	..
Leave Salaries and Deputation Pay . . . . .	28,814	25,350	28,616	31,930	23,478	30,975	2,161	..
Sterling Overseas Pay . . . . .	8,304	15,117	14,892	15,013	17,571	16,050	7,746	..
Other Items . . . . .	4,834	4,758	4,443	5,705	7,611	4,800	..	34
<b>Total</b> . . . . .	<b>59,543</b>	<b>63,814</b>	<b>72,230</b>	<b>83,535</b>	<b>87,404</b>	<b>99,225</b>	<b>38,716</b>	<b>34</b>
<b>The same, converted into rupees at official rate of exchange</b> . . . . .	<b>5,95,432</b>	<b>6,38,145</b>	<b>7,22,295</b>	<b>11,13,799</b>	<b>11,65,388</b>	<b>13,23,000</b>	<b>7,27,568</b>	<b>..</b>
Loss by Exchange . . . . .	2,13,177	2,08,331	2,45,554	4,315	1,009	..	..	2,13,177
<b>Total in Rupees</b> . . . . .	<b>8,08,609</b>	<b>8,46,476</b>	<b>9,67,849</b>	<b>11,18,114</b>	<b>11,66,397</b>	<b>13,23,000</b>	<b>7,27,568</b>	<b>2,13,177</b>
							<b>Net Increase</b>	<b>5,14,391</b>

2. The principal variations under individual sub-heads of account are discussed below:—

(a) Stores for India ... +£29,809

The provision for Stores included in the budget for 1929-30 was as follows:—

	£
Survey of India . . . . .	41,325
Meteorology . . . . .	5,250
Geological Survey . . . . .	750
Botanical Survey . . . . .	75

It will be seen that over 85 per cent. of the expenditure was incurred for the Survey of India Department; the Meteorological Department being the only other important contributor. These proportions have been generally maintained throughout the period under review. There has obviously been a considerable increase in the purchase of stores for the Survey of India; the figure for 1925-26, the first year for which separate statistics are available, being £15,612. A great part of the growth is due to the increased demands of the Mathematical Instrument Office, which are set off by increased revenue from the sale of instruments. The purchases for the Meteorological Department have grown from £2,400 in 1925-26 to £5,250 in the

budget of 1929-30. This is largely due to the requirements of Civil Aviation.

(b) Leave Salaries and Deputation Pay +2,161

These charges inevitably fluctuate from year to year, and there are no indications of a permanent increase.

(c) Sterling Overseas Pay +7,746

The growth is apparently due to delay in making payments to certain officers for whom sterling overseas pay was sanctioned with effect from 1924-25. There were no appreciable new admissions to the concession after that year.

3. In summarising the reasons for the growth of expenditure, it may be said that over three-fourths of it is due to the expansion of expenditure upon Stores; some part of which is offset by an increase in the revenue derived from the sale of mathematical instruments in India

#### Account No. 50.—Education.

The following table sets forth the expenditure under this head in each of the six years under review. The comparatively small revenue accruing to the minor administrations under Education is shown at the foot of the table, and the net expenditure deduced.



	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Charges in India—</i>								
Direction and General Charges . . . . .	2,92,481	3,07,785	3,27,653	3,68,921	4,12,036	4,16,188	1,23,707	..
University Education . . . . .	7,75,970	7,09,564	11,80,456	14,40,689	9,69,964	14,83,000	7,07,030	..
Secondary Education . . . . .	10,49,634	11,31,648	11,17,605	14,67,406	14,03,582	15,26,848	4,77,214	..
Primary Education . . . . .	8,50,319	8,75,090	9,91,241	13,92,247	14,95,348	16,25,752	7,75,433	..
Special Education . . . . .	88,678	61,789	72,005	1,00,928	1,27,737	1,68,812	80,134	..
Chiefs' Colleges . . . . .	31,746	35,676	19,194	28,308	40,533	25,000	..	6,746
Works . . . . .	..	..	..	..	..	8,400	8,400	..
Deduct—Probable Savings . . . . .	..	..	..	..	..	—40,000	..	40,000
<i>Charges in England</i>								
Loss by Exchange . . . . .	58,563	59,349	66,014	66,593	87,624	80,000	21,437	..
Total . . . . .	31,69,546	32,00,290	37,96,653	48,65,506	45,36,940	52,94,000	21,93,355	68,901
						Net Increase	21,24,454	
Receipts . . . . .	1,60,826	1,34,660	1,73,703	2,13,769	2,12,010	1,84,000	23,174	..
Net Expenditure . . . . .	30,08,720	30,65,630	36,22,950	46,51,737	43,24,930	51,10,000	21,01,280	..

2. It will be seen that the table shows an increase of 21,24 in gross and of 21,01 in *net* expenditure. The principal variations under individual sub-heads of account are examined below.

*Direction and General Charges.*—This sub-head, which includes expenditure upon scholarships, shows a total growth of 1,24; the principal factor being an increase of 57 in the North-West Frontier Province, which was mainly due to the expansion of directing and inspecting staff and the raising of status of inspecting officers, as part of the five-year programme of educational development. There were minor increases of 21,30 and 21 in Baluchistan, Delhi and Ajmer-Merwara respectively. A nominal decrease of 15 in the central budget is due to the payment to local Governments, in 1924-25, of arrears of leave-salary.

*University Education.*—Of a total growth of 7,07, a sum of 4,25 appeared in the central budget; 1,78 in that of the North-West Frontier Province; 93 in Delhi and 34 in Ajmer-Merwara. The real increase in the central budget was 5,25, as the outlay of 1924-25 included arrear payments of 1,00 to the Benares University. The grants of 1929-30 to that University included an additional recurring grant of 1,75, in addition to 3 lakhs as the first instalment of a special non-recurring grant of 15 lakhs to be spread over three years. The additional recurring grant was increased to 2,00 in 1930-31, and from that year precisely similar grants were sanctioned for

the Aligarh University. As the latter University received an additional recurring grant of 25 in 1929-30, the true recurring increase up to the end of that year is one of 2 lakhs.

The increase in the North-West Frontier Province is due mainly to enhanced grants of 1,22 to the Islamia College, of which 72 will not recur, and to a growth of 36 under grants to other colleges, of which 9 only represents recurring expenditure.

The increase in Delhi includes a grant of 35 to the Delhi University, of which 25 is non-recurring, and grants of 20 non-recurring and 11 recurring connected with the five-year programme.

Of the enhanced expenditure in Ajmer-Merwara, 21 is due to expenditure, under the five-year programme, on the improvement of the Government College.

*Secondary Education.*—The principal factors in the growth of 4,77 were increases of 1,01 in the North-West Frontier Province, 71 in Baluchistan, 1,84 in Delhi and 94 in Ajmer-Merwara. Of the total increase, 2,34 recurring and 55 non-recurring may be put down to the five-year programme.

*Primary Education.*—To the total increase of 7,75, the North-West Frontier Province contributed 4,82. Baluchistan 34, Delhi 1,10, Ajmer-Merwara 71, Central India 16 and Bangalore 62. The great majority of the growth is due to the five-year programme, which provided for 2,76 of non-recurring and 4,06 of recurring expenditure.

*Special Education.*—The increase under this sub-head, which deals mainly with training schools, may be ascribed almost entirely to the five-year programme. The principal contributors were the North-West Frontier Province with 27, Baluchistan with 15 and Delhi with 33.

*Chiefs' Colleges.*—The decrease under this head is nominal only, being due to the payment of arrears in 1924-25.

3. It will be evident from the detailed notes recorded above that a considerable portion of the increase of expenditure under this head is due to the operation of the five-year programme. The total increase on that account may be taken as approximately 4,59 non-recurring and 8,50 recurring, or 13,09 in all. Of the balance of 8,15, or, taking into account unusual items of 1924-25, of 9,30, as much as 5,29 is due to subsidies to University education unconnected with the programme. The balance represents increased outlay on primary and secondary education, the latter predominating.

4. When the Indian Retrenchment Committee examined the expenditure of the Central Government in 1922-23, it commented unfavourably on the fact that the outlay on primary education represented no more than 35.7 per cent. of the total expenditure on the subject.

In the budget estimates of 1929-30, even after denying primary education any share in the probable savings of 40, its share of expenditure in India amounted to 31.2 per cent. The percentage would be even lower if both the non-recurring grants to the Benares University and the non-recurring portion of the five-year programme were left out of account. It is, of course, a relevant comment that the primary education (with which the Government of India is concerned is that of the minor administrations only, whereas that Government retains responsibility for two large Universities serving the populations of Governors' Provinces; but the fact remains that the outlay on secondary education alone falls short by less than a lakh of that on primary education.

#### Account No. 51.—Medical Services.

The following table exhibits the expenditure under this head in each of the six years under review, after deducting from the outlay of 1924-25 the charges which have since been transferred to the head "Frontier Watch and Ward". For convenience of reference, the revenue from Medical Services is shown at the foot of the table, and the net expenditure deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Charges in India—</i>								
Medical Establishments . . . . .	7,71,710	7,50,939	7,08,890	7,48,684	7,48,069	8,23,500	51,790	..
Hospitals and Dispensaries . . . . .	8,11,849	9,63,609	10,40,051	9,96,064	9,81,659	9,91,200	1,79,351	..
Grants-in Aid . . . . .	6,13,120	7,84,345	7,78,379	7,30,665	7,63,620	7,51,800	1,38,680	..
Medical Colleges and Schools . . . . .	90,154	52,383	65,748	67,647	79,745	86,200	..	3,954
Mental Hospitals . . . . .	17,370	14,670	13,453	20,327	17,264	21,100	3,730	..
X-Ray Institute . . . . .	1,19,992	1,19,265	1,27,582	1,24,265	1,25,542	1,45,900	25,908	..
Chemical Examiner . . . . .	..	3,406	3,600	3,600	28,240	26,000	26,000	..
Works . . . . .	15,535	6,553	28,052	50,670	96,647	72,300	56,765	..
<b>Total</b> . . . . .	<b>24,39,730</b>	<b>26,95,170</b>	<b>27,65,755</b>	<b>27,41,922</b>	<b>28,40,786</b>	<b>29,18,000</b>	<b>4,82,224</b>	<b>3,954</b>
<i>English Charges —</i>								
Stores . . . . .	53,510	75,500	61,480	72,960	44,240	59,000	5,490	..
Other Expenditure . . . . .	52,189	97,735	1,21,563	1,80,297	1,89,023	1,67,000	1,14,811	..
Loss by Exchange . . . . .	41,842	56,951	62,270	1,342	418	..	..	41,842
<b>Total</b> . . . . .	<b>25,87,271</b>	<b>29,25,256</b>	<b>30,11,068</b>	<b>29,96,521</b>	<b>30,74,467</b>	<b>31,44,000</b>	<b>6,02,525</b>	<b>45,796</b>
						<i>Net Increase</i>	<b>5,56,729</b>	
Revenue under Medical . . . . .	2,11,351	3,53,810	3,83,973	4,95,794	3,15,138	3,79,000	1,67,649	..
<b>Net Expenditure</b> . . . . .	<b>23,75,920</b>	<b>25,71,446</b>	<b>26,27,095</b>	<b>25,00,727</b>	<b>27,59,329</b>	<b>27,65,000</b>	<b>3,89,080</b>	<b>..</b>
						<i>Net Increase</i>	<b>3,89,080</b>	

2. It will be seen that the gross expenditure has risen during the period by 5,57, and the *net* expenditure by 3,89. The principal variations are examined below.

*Medical Establishments* +52.

The expenditure of 1924-25 was swollen by 39 on account of arrear payments to local Governments in respect of leave-salary. The true increase is thus one of 91, of which the principal factors are the following:—

- +11 to provide for a meeting of the Indian Medical Service Selection Board,
- +12 in respect of the office of the Imperial Serologist, of which 5 is non-recurring. This office is practically self-supporting.
- +11 in the North-West Frontier Province; due to the fact that certain posts remained unfilled in 1924-25,
- +23 in Delhi. This is due partly to general expansion, and partly to the provision made for the medical needs of New Delhi,
- +17 in Ajmer-Merwara; of which 9 is due to the appointment of an additional Civil Surgeon,
- +5 in Rajputana; due to unnecessarily liberal provision for leave-salary in 1929-30.

*Hospitals and Dispensaries* +1,79

The principal items are the following:—

- +47 in the central budget. Of this, 24 is a nominal increase, due to the transfer from the Political budget of the Assam charges on the North-East Frontier; and 19 represents increased grants to hospitals in Simla,
- +37 in the North-West Frontier Province is a purely nominal increase. Recoveries from local bodies, amounting in 1929-30 to 48, which were previously deducted from expenditure, are now brought to account as revenue,

+33 in the Delhi budget is largely due to provision for the medical needs of New Delhi,

+36 in Bangalore. Of this, 12 is a nominal increase, being due to the transfer of charges from the head Public Health, and the balance is the result of the appointment of new officers and establishment for various hospitals.

*Grants-in-Aid* +1,39

The principal factors in the increase are a grant of 5 made to the Portmore Nursing Home in Simla, and a growth of 1,35 in the grants made to the Lady Hardinge Medical College in Delhi. Of the latter, 21 is non-recurring.

*Medical Schools and Colleges* —4

The expenditure of 1924-25 included arrear payments of about 18 on account of leave-salary due to local Governments. There was thus a true increase of 14. The principal factors in this were a growth of 22 in the fees paid by the Delhi administration for students studying at Lahore, partially set off by a reduction of similar payments made by the North-West Frontier Province.

*Mental Hospitals* +4

The increase is the result of payments made by the Ajmer-Merwara administration for patients under treatment at Lahore.

*X-Ray Institute* +26

The growth is entirely under non-recurring Supplies and Services. Provision of 70 on this account in the budget of 1929-30 was reduced to 10 in that of the following year.

*Chemical Examiner* +26

This represents a new payment to the Government of Bombay for services rendered to the Customs Department by the local Chemical Examiner. The charge vanished in 1930-31, when the Customs Department set up its own establishment for the purpose.

*Works* +57

The increase is the result of the provision for non-recurring works in Bangalore.

*English Charges--Other Expenditure* +1,15

Taking Exchange into account, the increase is in the neighbourhood of 90. It is due to the growth of deputation charges and of sterling overseas pay.

3. It is now possible to summarise the results. Taking into account the arrear charges paid in 1924-25, the gross increase in expenditure is 6,14. Of this, 36, representing transfers from other grants, and 48, which is covered by a specific increase in revenue, may be left out of account: leaving the true increase at 5,30. Out of this figure again, 57 under Works, 26 under Chemical

Examiner and at least the same amount under X-Ray Institute and 21 under Grants-in-Aid are essentially non-recurring. The permanent increase of expenditure under this head is probably in the neighbourhood of 3,70; against which there has been a general increase in revenue of 1,26.

#### Account No. 52.—Public Health.

The following table shows the expenditure under this head in each of the six years under review. As usual, the figures of revenue are shown at the foot of the table and the *net* expenditure deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Charges in India—</i>								
Public Health Establishment . . . . .	1,68,713	1,56,697	1,98,120	1,92,940	2,67,094	2,81,100	1,12,387	..
Grants-in-Aid . . . . .	10,29,334	6,02,197	9,97,016	9,82,193	9,32,604	11,83,200	1,53,866	..
Expenses in connection with Epidemic Diseases . . . . .	2,18,011	2,66,868	2,29,325	1,90,355	3,12,775	3,26,000	1,07,989	..
Bacteriological Laboratories . . . . .	2,25,454	2,09,703	2,01,448	2,10,183	2,25,205	2,43,800	18,346	..
Works . . . . .	23,009	..	..	156	9,379	14,900	..	8,109
<hr/>								
<i>Expenditure in England</i> . . . . .	51,811	53,908	93,783	93,586	1,53,269	1,13,000	61,189	..
<i>Loss by Exchange</i> . . . . .	17,953	17,554	31,962	449	192	..	..	17,953
<hr/>								
TOTAL . . . . .	17,34,235	13,06,927	17,51,654	16,69,862	19,00,518	21,62,000	5,00,741	73,026
							<i>Net Increase</i>	4,27,715
<hr/>								
Revenue under Public Health . . . . .	1,52,936	1,86,039	1,97,103	4,79,200	3,56,785	4,69,000	3,16,064	..
<i>Net Expenditure</i> . . . . .	15,81,349	11,20,888	15,54,551	11,90,662	15,43,733	16,93,000	1,11,651	..

2. It will be seen that the gross expenditure has risen by 4,48 and the *net* expenditure by 1,12 during the period. The more important variations under sub-heads are examined below.

#### *Public Health Establishments* +1,12

The principal factors in this increase are a growth of 90 under Delhi, of 8 in the North-West Frontier Province and of 7 in the Western India States. The new charges in Delhi are due to provision for the sanitation of the New Capital, and largely replace expenditure previously met out of capital. The increase in the North-West Frontier Province represents the cost of medical inspection of school children, and that in the West-

ern India States certain charges taken over from the Government of Bombay.

#### *Grants-in-Aid* +1,54

The following are the principal factors:—

+1,74 is a grant to the Pasteur Institute, of which 10 only is recurring,

+7,50 represents a grant to the Indian Research Fund which is likely to recur in future years,

--5,00 is due to the absence of any grant for the Guma Water Works, such as was made in 1924-25,

—74 is the decrease in the North-West Frontier Province due to the absence of provision for the Kalapani Water Supply Scheme,

+70 is the increase in the grants made to local bodies in Delhi,

—2,67 is the *net* decrease of grants in Bangalore. The figures of 1924-25 included large outlay on the housing of the poorer classes.

It may be said that there has been an increase of 8,30 in recurring expenditure under this sub-head, set off by a reduction of 6,77 in non-recurring outlay.

*Expenses in connection with Epidemic Diseases* +1,08

The accounts of 1924-25 included arrear payments of 99 to the Bombay Government for Port Health charges at Bombay, Karachi and Aden; while, on the other hand, recoveries of 82 in Bombay, which would previously have been deducted from expenditure, are now credited as revenue. The true increase is therefore 1,25, and is composed mainly of the following items:—

+93 Due to new distribution of Port Health charges in Bengal ports.

+19 Non-recurring charges in Madras.

+15 Charges connected with pilgrims in Bombay.

—14 The result of the transfer to the local Municipality of plague work in Bangalore.

+5 Additional temporary establishment, in Delhi.

*Bacteriological Laboratories* +18

There has been an increase of 10 in Delhi, of which 7 is due to the classification of recoveries as revenue, and of 8 in the cost of the Imperial Research Institute at Kasauli.

3. Of the complete true increase of 5,27 under this head, about 92 is covered by specific increases of revenue and 2,24 is set off by other receipts. On the other hand, it may be said that, if the grant to the Indian Research Fund is to recur indefinitely, the recurring expenditure of the Department has risen by as much as 10,59 during the period under review.

#### Account No. 53.—Agriculture and Co-operative Credit.

The following table sets forth the expenditure under this head in each of the six years under review. For convenience of reference, the revenue of the department has been shown at the foot of the table and the *net* expenditure deduced. The statement is not entirely accurate, since the figures of Expenditure in England include the charges under the head Civil Veterinary Department, which cannot be separated.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-22.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Expenditure in India—</i>								
Superintendence . . . . .	2,40,883	2,48,176	2,72,147	1,99,465	2,11,911	2,94,300	53,417	..
Expert Staff . . . . .	5,00,006	5,83,835	5,57,292	5,29,229	5,69,091	6,05,000	1,04,934	..
Imperial Cattle Breeding Farm, Karnal . . . . .	3,33,769	1,17,812	1,14,864	1,24,414	1,28,968	1,59,100	..	1,74,669
Imperial Institute of Animal Hus- bandry and Dairying, Bangalore . . . . .	4,53,173	1,73,370	1,34,047	1,56,305	1,53,208	1,50,200	..	3,02,973
Imperial Institute of Animal Hus- bandry and Dairying, Wellington . . . . .	2,26,442	1,06,410	97,497	1,00,234	1,08,310	91,400	..	1,35,042
Grand Creamery . . . . .	..	55,296	1,25,832	1,74,939	1,29,075	1,90,500	1,90,500	..
Other Experimental Farms . . . . .	74,091	98,141	1,15,352	1,08,931	84,645	93,696	19,605	..
Agricultural Experiments . . . . .	8,885	..	..	..	297	..	..	8,885
Sugarcane Breeding Station, Coim- batore . . . . .	45,603	1,29,259	75,822	1,41,923	79,768	92,500	46,897	..
Indian Central Cotton Committee . . . . .	735	2,590	4,433	3,343	2,212	1,200	465	..

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease
Sugar Bureau . . . . .	36,942	34,945	22,114	29,348	30,807	32,100	..	4,8
Sugar Cable Service . . . . .	..	28,448	27,926	25,315	20,325	24,700	24,700	..
Cotton Cess Staff . . . . .	..	..	..	1,129	1,200	3,400	3,400	..
Public Exhibition and Fairs . . . . .	6,491	4,720	5,451	5,220	8,856	9,300	2,809	..
Fumigation of American Cotton . . . . .	..	..	..	81,238	1,45,240	2,56,700	2,56,700	..
Botanical and other Gardens . . . . .	8,879	35,812	46,996	32,079	29,862	33,800	24,921	..
Miscellaneous . . . . .	64,454	59,868	60,065	1,13,636	60,344	62,900	..	1,5
Co-operative Credit . . . . .	30,854	36,886	40,222	61,829	71,384	1,09,704	78,850	..
Works . . . . .	..	..	..	336	1,26,665	800	800	..
Central Council of Agricultural Research . . . . .	..	..	..	..	..	16,40,000	16,40,000	..
Deduct—Probable Savings . . . . .	..	..	..	..	..	—80,000	..	80,0
	<u>20,31,267</u>	<u>16,15,568</u>	<u>16,93,120</u>	<u>18,89,513</u>	<u>19,62,166</u>	<u>37,71,300</u>	<u>24,47,996</u>	<u>7,07,9</u>
<i>Expenditure in England</i> . . . . .	1,20,386	1,06,547	1,19,166	1,50,669	1,16,138	1,64,000	43,814	..
<i>Loss by Exchange</i> . . . . .	44,713	35,054	40,528	670	195	..	..	44,7
Total . . . . .	<u>21,96,366</u>	<u>17,57,169</u>	<u>18,52,814</u>	<u>20,30,772</u>	<u>20,78,499</u>	<u>39,35,300</u>	<u>24,91,612</u>	<u>7,52,6</u>
						<i>Net Increase</i> 17,38,934	..	..
Revenue from Agriculture . . . . .	4,28,357	4,95,854	7,26,413	6,09,827	6,37,792	11,00,000	6,71,643	..
<i>Net Expenditure</i> . . . . .	<u>17,68,009</u>	<u>12,61,315</u>	<u>11,26,401</u>	<u>14,20,945</u>	<u>14,40,707</u>	<u>28,35,300</u>	<u>10,67,291</u>	<u>..</u>

2. The table shows an increase of 17,39 in gross and of 10,67 in *net* expenditure. In order to form a correct idea of the true increase of expenditure, it is, however, necessary to deduct from the figures of 1924-25 a sum of 6,46, being the cost price of three dairy farms purchased from the Military Department in that year. The true gross increase then becomes 23.85.

3. Detailed comments upon the more important variations under sub-heads are made below:—

*Superintendence* +53

The principal factors in this increase are a growth of 15 under Pay and Allowances, due mainly to the institution of the Cattle Bureau and to some expansion of the staff of the Agricultural Adviser, and a *net* increase of 37 in non-recurring expenditure of a capital nature.

*Expert Staff* +1,05

This increase is due to a general expansion of activities. The principal factors are the appointment of three new officers, the creation of 29 new subordinate posts and the ordinary operation of increments.

*Imperial Cattle Breeding Farm,  
Karnal* =1,75

The accounts of 1924-25 included a sum of 2,40 as the purchase price of the farm. The budget for 1929-30 provided 34 for the non-recurring cost of certain items of agricultural machinery. Omitting these two factors, there is a net increase of 31. Of this, about 15 is due to expansion of establishment, and the rest to minor increases in the incidental costs of running the farm. The farm produced a revenue of 72 in 1924-25 and of 97 (estimated) in 1929-30; so that its *net* cost is approximately stationary.

*Imperial Institute of Animal  
Husbandry and Dairying,  
Bangalore.* —3,03

The accounts of 1924-25 included 2,68 as the cost of purchasing the dairy farm, as well as greater outlay of 23 and 21 respectively on the purchase of machinery and of dairy produce. The Institute produced a revenue of 1,76 in 1924-25 and of 1,63 (estimated) in 1929-30. It therefore yields a *net* profit.

*Imperial Institute of Animal  
Husbandry and Dairying,  
Wellington.* —1,35

The decrease is almost entirely due to the inclusion in the accounts of 1924-25 of a sum of 1,38, being the purchase price of the dairy farm. The farm yielded a revenue of 86 in 1924-25 and of 92 (estimated) in 1929-30. It is therefore practically self-supporting.

*Anand Creamery* +1,90

This institution was taken over from the military authorities in the course of 1925-26, and the whole of the outlay upon it is therefore new expenditure. Its receipts, as anticipated in the budget of 1929-30, were as much as 3,00, which is considerably in excess of the revenue of previous years; but the revised estimates expected receipts of no more than 1,70.

*Sugarcane Breeding Station, Coimbatore.* +47

This station, which had previously been run for the central Government by the Government of Madras, was taken under direct central control in 1925-26, when its establishment was made permanent. Simultaneously, there was a considerable expansion in its activities. This expansion is responsible for the increase. It included a considerable programme of capital expenditure, which is not yet completed, 18 being provided for Works in the budget of 1929-30.

*Sugar Cable Service* +25

This increase is nominal only. The expenditure is actually financed from funds provided by firms interested in sugar and is covered by corresponding revenue. Prior to 1925-26, neither receipts nor expenditure passed through the Government accounts.

*Fumigation of American Cotton* +2,57

This increase also is nominal, the cost of fumigation being met from fees paid by importers, which are credited to revenue. The budget for 1929-30 provided revenue of 3,13 on this account. Owing, however, to the limited number of bales imported during the year, the revised estimates reduced both expenditure and revenue to the neighbourhood of 50.

*Botanical and Other Gardens* +25

The chief factor in this increase was an increase by 20 of grants in aid of horticulture given to local bodies in the State.

*Co-operative Credit.* +79

55 of this increase occurred in the North-West Frontier Province, where a Co-operative Staff was employed for the first time during the period under review. There was also a growth of 18 in Ajmer-Merwara, due to expansion of staff and of grants-in-aid.

*Central Council of Agricultural Research* +16,40

The institution of this Council in the year 1929-30 is the principal cause of the growth of expenditure upon Agriculture. Of the provision made in 1929-30, a sum of 1,40 is the recurring cost of establishment, and 15 lakhs is a non-recurring grant for research work. The permanent arrangements contemplated are annual recurring grants of 7,25, including 5 lakhs for research, and a further initial non-recurring grant of 10,00, in addition to a special grant of 10,00 provided for the encouragement of sugar cultivation in the budget of 1930-31.

4. Summing up the position, it may be stated that, out of a true gross increase of 23,85,—

4,97 is purely nominal, being covered by countervailing revenue;

16,40 is the cost of the Council of Agricultural Research and includes 7,25 as the true recurring cost after the initial grants have been made;

1,58 is due to the expansion of directing and expert staff, and includes some 60 of non-recurring expenditure; and

79 represents the growth of Co-operative work in two minor administrations.

The balance of —19 is the net result of several minor differences; the most important of which are an increase of about 29 in the recurring cost of the Sugarcane Breeding Station and a fall of 44 in the cost of running the Bangalore Institute.

5. The more or less permanent growth of real expenditure is therefore in the neighbourhood of 9 lakhs of rupees.

#### Account No. 54.—Civil Veterinary Department.

The following table shows the expenditure under this head in each of the

six years under review. For convenience of reference, the receipts of the Department are shown at the foot of the table and its *net* revenue deduced. The statement is not quite complete, since

it omits the charges in England, which cannot be separated from the corresponding figures under the head Agriculture and Co-operative Credit.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
<i>Bacteriological Laboratory, Muktesar.</i>									
Pay, etc., of Officers and Establishments	2,15,695	2,02,435	2,08,971	2,12,757	2,32,262	2,68,800	53,105	..	
Purchase and upkeep of animals and cultivation expenses	3,47,851	4,50,330	3,01,717	3,13,375	3,31,581	3,15,700	..	32,15	
Other Supplies and Services and Contingencies	1,68,504	1,81,609	1,61,299	1,74,262	1,67,067	1,51,500	..	17,00	
<i>Other Expenditure of the Central Government.</i>									
Grants-in-Aid	..	..	3,000	3,000	3,366	3,000	3,000	..	
<i>Veterinary Charges.</i>									
North-West Frontier Province	50,028	35,713	40,959	52,130	65,730	76,900	26,872	..	
Baluchistan	55,919	64,867	72,480	80,639	77,635	79,800	23,881	..	
Delhi	..	7,530	14,050	9,074	8,877	16,400	16,400	..	
Ajmer Merwara	1,139	551	453	719	708	1,100	..	31	
Bangalore	4,000	4,000	4,000	7,433	12,474	17,500	13,500	..	
Total	8,43,136	9,47,035	8,06,929	8,53,389	8,99,699	9,30,700	1,36,758	49,19	
							<i>Net Increase</i>	87,564	
Revenue of the Civil Veterinary Department	6,69,764	13,02,896	10,82,551	12,49,285	14,91,004	13,95,000	7,25,236	..	
Net Revenue	-1,73,372	3,55,861	2,75,622	3,95,896	5,91,305	4,65,300	6,38,762	..	

2. It will be seen from the table that the gross expenditure has grown by 86, and the *net* revenue by no less than 6,39. The revenue, it may be stated, is almost entirely derived from the sale of serum by the Muktesar Institute. The principal variations are explained below.

*Bacteriological Laboratory at Muktesar.* ... +4

The principal factors in this increase are:—

+6 under Pay of Officers, due to the *net* addition of four new posts;

+45 under Pay of Establishments, of which 33 represents additions to strength owing to the growth of work and the balance is due to increments;

-32 under Purchase and Upkeep of Animals, which is the result of reduction in the number of animals required owing to improved methods of manufacture; and

-17 under Other Supplies and Services and Contingencies, owing mainly to decreased purchase of chemicals and apparatus.

*Other Expenditure of the Central Government.* ... +3

This represents an annual grant made since 1926-27 to the National Horse Breeding and Show Society.

*Expenditure in the minor Administrations* ... +81

This represents a general expansion of veterinary activities in the minor areas. Of the increase in the N. W. F. P., the two principal causes were the institution of a separate Superintendent and staff for the province, which had previously been served by the Punjab Superintendent, and the grant of prizes for local horse-racing. The growth in Baluchistan is due mainly to the creation of new veterinary dispensaries. In Bangalore, the administration of the veterinary hospital has been taken over from the Municipality.



### Account No. 55.—Industries.

The following table exhibits the expenditure under this head in each of the six years under review. For convenience of reference the comparatively small revenue from Industries is shown at the foot of the table and the *net* expenditure deduced. The bulk of this revenue accrues in the form of fees at the School

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Charges in India—</i>								
Bounties to Steel Industry . . . . .	60,79,136	85,10,346	79,05,898	12,43,056	4,12,126	..	..	60,79,136
Indian School of Mines . . . . .	..	30,711	1,89,216	2,16,549	2,45,214	2,17,000	2,17,000	..
Other items . . . . .	12,331	10,074	11,904	13,729	33,090	32,000	19,869	..
<i>Charges in England</i> . . . . .	27,472	22,078	27,334	34,377	22,871	45,000	17,528	..
<i>Loss by Exchange</i> . . . . .	10,220	7,241	9,284	203	23	..	..	10,220
<b>Total</b> . . . . .	<b>61,29,159</b>	<b>85,80,450</b>	<b>82,03,636</b>	<b>15,07,914</b>	<b>7,13,324</b>	<b>2,94,000</b>	<b>2,54,197</b>	<b>60,89,356</b>
							<i>Net Decrease</i>	58,35,159
Revenue from Industries . . . . .	2,604	..	8,205	20,156	36,384	34,000	..	31,396
<b>Net Expenditure</b> . . . . .	<b>61,26,555</b>	<b>85,80,450</b>	<b>81,95,431</b>	<b>14,87,758</b>	<b>6,76,940</b>	<b>2,60,000</b>	<b>..</b>	<b>..</b>
							<i>Net Decrease</i>	58,66,555

2. It will be seen that the *net* expenditure has decreased by 58,67 during the period. The principal factor in the decrease is the expiry of the period for which the Bounties on Steel products were sanctioned; which has led to a reduction of 60,79. Against this must be set increases of 2,17 under Indian School of Mines and of 20 under "Other Items". The School of Mines at Dhanbad was newly established in the course of 1925-26, and the estimate of 1929-30 includes 30 on account of initial non-recurring expenditure. The principal cause of increase under "Other Items" was the provincialisation of the Industrial School of the Delhi Municipality. In the earlier years of the series, Government paid a contribution of 7 to the cost of this school. It was provincial-

of Mines, but there has been a small addition in the shape of a contribution by the Delhi Municipality towards the cost of the Industrial School since the latter was taken over by Government in 1927-28. This contribution was credited by deduction from expenditure in that year, but has since been brought to account as revenue.

used in 1927-28, on condition that the Municipality should contribute 80, 60 and 20 *per cent.* of its cost respectively in the four following years. Thereafter, the municipal contribution will entirely cease, and the complete cost of the school will fall on Government. Another factor in the increase under "Other Items" was the provision, in the budget for 1929-30, of a non-recurring sum of 4 to meet the passages of State scholars to England.

### Account No. 56.—Aviation.

The following table shows the expenditure under this head in each of the six years under review.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Charges in India—</i>								
Pay of Officers . . . . .	1,856	..	..	30,013	40,800	51,200	49,344	..
Pay of Establishment . . . . .	3,600	3,600	5,209	21,619	33,817	46,700	43,100	..
Allowances, Honoraria, etc. . . . .	3,854	1,647	547	9,846	10,928	23,800	19,946	..
Supplies and Services and Contingencies . . . . .	5,855	1,10,671	45,780	75,429	6,162	36,500	30,645	..
Grants-in Aid, etc. . . . .	..	..	3,01,500	8,34,609	2,25,376	5,08,500	5,08,500	..
Works . . . . .	3,333	1,014	9,50,770	39,129	2,03,670	17,05,300	17,01,967	..
<i>Charges in England</i> . . . . .	2,731	3,825	1,863	5,902	16,546	61,000	58,269	..
<i>Loss by Exchange</i> . . . . .	922	1,250	630	19	16	..	..	922
<b>Total</b> . . . . .	<b>22,151</b>	<b>1,22,007</b>	<b>13,06,299</b>	<b>10,16,656</b>	<b>5,37,315</b>	<b>24,33,000</b>	<b>24,11,771</b>	<b>922</b>
							<i>Net Increase</i>	24,10,849

2. As will be obvious from the figures in the table, the service financed from this grant is a new and rapidly growing service. The development of civil aviation in India is still in comparative infancy, and is likely to involve in the near future a steady growth of recurring expenditure under both this head and the head Meteorology. Comments on the expenditure under the principal sub-heads of this account are offered below :—

(a) *Pay of Officers.*—The budget provision of 51 under this sub-head covers the pay of the following officers :—

- (i) A whole-time Director of Civil Aviation, appointed in 1927.
- (ii) An Aircraft and Engine Inspector.
- (iii) A temporary Engineer Officer, appointed for two years and two months from the 1st January 1928.

The budget of 1930-31 contains further provision for special pay to be granted to the Chief Engineer with the Royal Air Force, under whose instructions the temporary Engineer Officer will work.

(b) *Pay of Establishment.*—The expenditure of the first two years of the series represents the payment of fees to the Consulting Aeronautical Engineers to the Government of India, which still continues. On the appointment of a full-time Director, he required a regular staff; and this was created in January 1927, absorbing, in the first instance, a senior assistant and a clerk of the office of the Industries and Labour Department of the Secretariat. Since then, the establishment has expanded with the work up to its present cost of 47.

(c) *Allowances, Honoraria, etc.*—The growth of expenditure under this sub-head is a necessary result of the expansion of staff and increase of travelling.

(d) *Supplies and Services and Contingencies.*—Of the present expenditure of 36 under this sub-head, 26 represents charges payable to the Posts and Telegraph Department for wireless facilities. It is therefore set off by revenue of Government in the Posts and Telegraphs Department.

(e) *Grants-in-Aid, etc.*—The principal factor in the anticipated expenditure of 5,08 under this sub-head was provision for a subsidy of 3,50 to the company operating the Karachi-Delhi service and of 1,39 for grants to be made to Aeroplane Clubs in India. The former item does not recur in the estimates of 1930-31.

(f) *Works.*—The principal items are works connected with the acquisition, preparation and improvement of aerodromes. With the exception of provision of 50 as standing charges for maintenance and repairs, this expenditure is non-recurring. The provision under this sub-head in the budget for 1930-31 fell from 17,51 to 11,81.

(g) *Charges in England.*—The increase of outlay under this sub-head is due to the training of Indian *personnel* in England.

3. Of the total provision of 24,33 under this head in the budget of 1929-30, approximately 6½ lakhs represents recurring expenditure. The grant for 1930-31 was increased to 26,42, and included a far larger recurring element. This was due to the decision to extend the Karachi-Delhi service to Calcutta, and thence on to Rangoon; the completed service to be operated as a Government concern. When the extended service is in full working order, its regularly recurring cost will be in the neighbourhood of 20 lakhs under this head, in addition to a considerably increased outlay under the head Meteorology. As against this, there will be some revenue in the shape of remuneration paid by the Posts and Telegraphs Department for the carriage of mails; but the principle on which this remuneration will be calculated has not yet been settled, and no estimate of its amount can at present be framed.

#### Account No. 57.—Indian Stores Department.

The following table exhibits the expenditure under this head in each of the six years under review. To make the picture complete, the revenue of the Department has been shown at the foot of the table and *net* figures of expenditure deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Charges in India—</i>								
Headquarters Establishment . . . . .	4,79,355	5,25,634	5,88,537	6,31,462	6,80,711	8,23,120	3,43,765	..
Purchase Circles . . . . .	55,251	1,02,827	1,45,668	1,49,158	1,71,752	1,91,800	1,36,549	..
Inspection Circles . . . . .	2,06,861	3,41,643	4,36,163	5,01,437	5,95,606	6,70,230	4,63,369	..
Government Test House . . . . .	1,65,103	1,70,706	1,77,918	1,99,492	2,18,074	2,54,300	89,197	..
Metallurgical Inspectorate . . . . .	1,32,902	3,44,891	2,29,045	1,65,435	1,71,843	1,85,650	52,748	..
Works . . . . .	..	..	..	..	36,097	64,900	64,900	..
English Charges . . . . .	18,036	46,494	51,560	49,248	38,645	63,000	44,964	..
Loss by Exchange . . . . .	6,849	15,224	10,534	86	88	..	..	6,849
Deduct—Probable Savings . . . . .	..	..	..	..	..	—95,000	..	95,000
Total . . . . .	10,64,357	15,47,419	16,39,425	16,96,318	19,12,816	21,58,000	11,95,492	1,01,849
							Net Increase	10,93,643
Deduct—Recoveries of the Department . . . . .	7,63,466	10,70,605	13,58,917	14,07,285	11,81,916	17,07,000	9,43,534	..
Net Expenditure . . . . .	3,00,891	4,76,814	2,80,508	2,89,033	7,30,898	4,51,000	1,50,109	..

2. The figures of English expenditure and of Loss by Exchange recorded in the table against the first year of the series are not quite accurate. The Indian Stores Department was, up to the year 1926-27, treated in the accounts, not as a separate entity, but as one of the "Miscellaneous Departments", and separate figures of its sterling expenditure were therefore not recorded. It has been possible to isolate, for the year 1924-25, that portion of the sterling outlay which represents the expenditure of the Stores Department on leave salaries, deputation pay and sterling overseas pay; but its expenditure on stores cannot be separated from that of other departments included in the group. The latter, with the attendant Loss by Exchange, has therefore been omitted from this table, and included in the separate memorandum dealing with the sterling expenditure of the other Miscellaneous Departments, with the result that the expenditure of the Stores Department has been under-stated by an indeterminate sum which cannot exceed some Rs. 10,000. From 1925-26 onwards it has been possible to deduce separate figures under stores as well as under leave-salaries, etc., and the figures recorded in the table are correct.

3. The bulk of the so-called "revenue" of the Department does not represent true revenue of Government. A certain amount of revenue proper is received from private parties, in the shape of fees for testing and analysing materials, inspection and examination of

stores and advisory work. These receipts amounted to a little under 2 lakhs in 1928-29, the last year for which actuals are available. The balance of the receipts represents recoveries from other Departments for services rendered in the purchase and inspection of stores. Thus, in the case of stores purchased by the Indian Stores Department, there is a definite charge for purchase, at the rate of one *per cent.* of the value of the stores bought, and a further charge of one *per cent.* for inspection of the stores. For tests, analyses and advisory work, and for inspection of stores not purchased by the Indian Stores Department, an elaborate scale of fees has been laid down by Government. It may be mentioned that, under a recently sanctioned revision of accounting procedure, receipts from non-commercial departments of Government will not in future be credited as revenue. The Indian Stores Department will take credit for them in a *pro forma* profit and loss account only.

4. It has been shown that a great part of the "revenue" hitherto earned by the Department consists in an addition to the cost of stores purchased on account of other departments in consideration of the advantage gained by securing expert assistance in purchase and inspection. The value of this advantage is not susceptible of exact computation, and the amount of the charges made is not fixed on any scientific basis. It is, however, claimed that

the charges are reasonable in themselves, and that the percentage fee for purchase is actually more than covered by economies definitely realised. The fees are slightly lower than those charged by the London Stores Department, which has an easier task to perform, and compare favourably with such few instances as are forthcoming of similar charges made by commercial bodies. Even though this claim be accepted, it is obvious that, with the whole basis of "revenue" resting on so indeterminate a factor, no degree of exactitude can be ascribed to the "commercial" results shown by the accounts of the Department.

5. It will be seen from the table that there has been, during the period, an increase of 10.94 in gross and of 1.50 in *net* expenditure. The Department is still far from being self-supporting on the basis of the existing scales of fees. The fall of revenue in 1927-28 reflects the results of the labour strikes of that year in Calcutta.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Establishment in South Africa.	..	..	..	94,953	1,09,057	1,14,000	1,14,000	..
Establishment in Ceylon		32,925	35,982	44,920	32,270	35,900		
Establishment in Malaya	74,756	28,016	28,746	31,010	38,266	42,800		
Consul in Réunion		1,231	996	1,130	276	..	3,944	..
Deputation to Mauritius		..	..	..	..	..		
Establishment in Bengal	24,687	24,594	25,018	25,206	29,994	24,300	..	387
Establishment in Madras	17,785	19,322	21,451	33,658	39,505	42,000	24,215	..
Establishment in Bombay.	543	663	883	2,539	3,141	4,000	3,457	..
<b>Total</b>	<b>1,17,771</b>	<b>1,06,741</b>	<b>1,13,076</b>	<b>2,33,416</b>	<b>2,52,509</b>	<b>2,63,000</b>	<b>1,45,616</b>	<b>387</b>
							<i>Net Increase</i>	1,45,229

2. The table shows an increase of 1.45, but the true growth may be taken as 1.65, since the payments in 1924-25 were augmented by an expenditure of about 20 owing to the deputation of an officer to Mauritius and the transfer of the headquarters of the Malaya Agency.

3. The principal factors which have contributed to the increase have been:—

- (1) The establishment of an Agent in South Africa to insure the protection of the interests of India in that country, ... 1.14

6. The increases of expenditure under the various sub-heads call for little detailed comment. With the exception of the increase under "Works", they represent the expansion of the Department to meet the increase of calls upon its services. They naturally include the creation of a large number of posts on time-scales of pay, which must involve steadily increasing expenditure for some years to come. The increase under Works is apparent only: as, up to the year 1927-28, such charges were not shown under a separate head but were distributed over the other sub-heads of the account.

#### Account No. 58.—Emigration— External.

The following table exhibits the expenditure in India under this head in each of the six years under review. Any small sterling expenditure which the department may have incurred can not be separated from that of the other miscellaneous departments.

- (2) Increased activity in Madras; partly in order to protect emigrants returning from South Africa, and partly to regulate emigration from Negapatam and other ports to Malaya and Ceylon ... 24
- (3) Strengthening of the establishment in the Ceylon and Malaya Agencies and grant to it of certain concessions. ... 23.

4. It is interesting to note that the expenditure under this head has, for

the greater part of the period under review, been more than covered by the receipts from emigration fees. These have been as follows in thousands of rupees:—

Actuals, 1924-25. Actuals, 1925-26. Actuals, 1926-27. Actuals, 1927-28. Actuals, 1928-29. Revised, 1929-30.

2,68	3,18	3,85	3,71	1,82	2,50
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The decline of receipts in 1928-29 is due to a slackening in the flow of emigration to Malaya during that year. The revenue revived somewhat in 1929-30. It should be remarked that, as

the bulk of the fees is levied from emigrants to Malaya and Ceylon, it still more than covers the expenditure on the relevant Agencies.

### Account No. 59.—Emigration— Internal.

The following statement shows the expenditure in India under this head in each of the six years under review. Any sterling expenditure which the department may have incurred cannot be separated from that of the other miscellaneous departments.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
India	19,060	20,065	49,028	25,131	15,853	16,000	..	3,060
Madras	942	892	973	967	977	1,000	58	..
Burma	13,940	11,776	17,338	20,470	12,645	16,000	2,060	..
Other	18,848	21,738	19,249	10,545	12,346	16,000	..	2,84
<b>Total</b>	<b>52,790</b>	<b>54,471</b>	<b>86,588</b>	<b>57,113</b>	<b>41,821</b>	<b>49,000</b>	<b>2,118</b>	<b>5,908</b>
							<b>Net Decrease</b>	<b>3,790</b>

2. Internal Emigration is an agency subject, and the expenditure upon it consists mainly of payments made to local Governments on account of establishment working under their control. It will be seen that the decrease of expenditure during the period under review amounted to 4, to which must be added, in order to deduce the true decrease, a further sum of 3, representing the contribution from the Tea Districts Labour Association which is now credited as revenue.

3. The figures call for no particular comments.

### Account No. 60.—Joint Stock Companies.

The following table exhibits the expenditure in India under this head in each of the six years under review. Any small sterling expenditure which this Department may have incurred cannot be separated from that of other Miscellaneous Departments.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Salaries of Officers	39,652	42,944	37,397	37,113	40,673	42,530	2,878	..
Salaries of Establishment	37,605	38,579	40,421	40,648	42,132	42,424	4,819	..
Gratuities, Honoraria, etc.	4,358	4,780	6,618	5,858	6,859	5,126	768	..
Contingencies	10,470	10,355	19,105	10,940	15,139	17,044	6,574	..
Establishment charges paid to Provincial Governments:—								
Madras	24,000	15,000	15,000	15,000	15,000	15,000	..	9,000
United Provinces	7,076	8,584	8,917	8,742	8,591	9,356	2,280	..
Punjab	10,324	3,731	2,533	3,166	..	..	..	10,324
Burma	..	..	11,935	16,007	4,610	4,520	4,520	..
Charges in minor Administrations	1,953	1,368	1,716	1,694	1,869	2,200	247	..
<b>Total</b>	<b>1,35,338</b>	<b>1,25,361</b>	<b>1,43,647</b>	<b>1,39,168</b>	<b>1,34,673</b>	<b>1,38,200</b>	<b>22,086</b>	<b>19,324</b>
							<b>Net Increase</b>	<b>2,762</b>

2. The table shows an increase, over the period, of Rs. 2,762. The actual increase is, however, greater. In 1924-25, arrear charges of 9 and 5 respectively were paid to the Madras and the Punjab Governments. On the other hand, the provision for 1929-30 includes a sum of 7 as the cost of priced publications, which will be set off by corresponding revenue under the head Stationery and Printing. The real increase is therefore one of 10.

3. About half the increase is due to the payment of establishment charges to the Government of Burma, which was not made in 1924-25 though arrears in respect of that year were actually disbursed in 1926-27. The balance of the increase is ascribed to the accrual of normal increments.

4. This is another case in which the revenue derived from a particular object exceeds the expenditure incurred upon it. The fees received on account of the registration of Joint Stock Companies in each year of the series were as follows, in thousands of rupees:—

	Actuals.				Revised.	
	1924-25.	1925-26.	1926-27.	1927-28.	1928-29.	1929-30.
	1,56	1,66	1,78	1,83	2,15	2,30

#### Account No. 61.—Commercial Intelligence and Statistics.

The following table shows the expenditure in India under this head in each of the six years under review. The comparatively small expenditure in England is not separable from that of the other Miscellaneous Departments.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase. Rs.	Decrease. Rs.
Pay of Officers . . . . .	56,407	62,359	61,214	59,179	45,477	68,500	12,093	..
Pay of Establishment . . . . .	1,17,298	1,24,324	1,34,218	1,42,112	1,52,074	1,64,300	47,002	..
Allowances, Honoraria, etc. . . . .	4,637	12,269	12,100	12,502	10,177	13,400	8,763	..
Contingencies . . . . .	19,488	22,145	22,393	17,346	57,008	72,900	53,412	..
Payments to Railways and Provincial Governments . . . . .	99,149	18,563	8,753	19,497	14,736	15,000	..	84,1
Cotton Industry Statistics . . . . .	..	..	..	6,808	7,247	8,000	8,000	..
Payments to Railways and Steamship Companies in connection with the compilation and publication of Rail and River-borne Statistics relating to raw Cotton. . . . .	..	..	1,868	8,991	8,065	24,800	24,800	..
Grants-in-Aid, Contributions, etc. . . . .	..	..	..	7	25	100	100	..
<i>Provincial Statistics—</i>								
North-West Frontier Province . . . . .	5,697	1,283	986	833	833	1,000	..	4,6
Baluchistan . . . . .	1,376	5,750	1,379	39	..	..	..	1,3
Total . . . . .	3,04,052	2,46,693	2,42,911	2,67,114	2,95,642	3,68,000	1,54,170	90,2
						Net Increase	63,948	

2. It will be seen that there has been an increase of 64 in the period under review. The principal variations under sub-heads are discussed below.

*Pay of Officers.* . . . . . +12

The increase is due to the enhancement of the pay of the Director General.

*Pay of Establishments* . . . . . +47

There has been an increase of 18 in the number of ministerial posts and of 3 in the number of inferior servants, and the pay of both has been revised. These measures, together with normal increments, account for the growth of expenditure.

*Allowances, etc.* . . . . . +9

The increase is due to the grant of Lee Concessions and of compensatory and house rent allowances.

*Contingencies* . . . . . +54

This increase is nominal only, being due to provision for the cost of priced publications, which is covered by corresponding revenue under the head Stationery and Printing.

*Payments to Railways and Provincial Governments for Frontier Trade Registration* . . . . . —84

The payments of 1924-25 included arrear payments of 51 to three local Governments. The true decrease is therefore 33. The saving is due to a revised arrangement, under which the compilation of statistics is entrusted to the Railways.

*Cotton Industry Statistics* ... +8

This is a new service undertaken in pursuance of the provisions of the Cotton Industry (Statistics) Act of 1926.

*Payments to Railways, etc., for compilation, etc., of Statistics of Raw Cotton.* ... +25

This is another new service, designed to improve the accuracy of cotton crop forecasts.

#### *Provincial Statistics—*

North-West Frontier Province —5

Baluchistan ... —1

The trade registration staff in both these areas has been abolished.

3. To the increase of 64 shown in the table must be added 51, being the amount of arrear charges included in the figures of 1924-25. On the other hand, 54 out of the expenditure of 1929-30 is a purely nominal increase, being covered by a corresponding amount of revenue. The true increase is therefore 61. There is an increase of 61 due to expansion of staff and improved conditions of service, together with normal increments, and a growth of 33 under new services; partially set off by economies of 33 in the cost of collection of Frontier Trade Statistics.

#### **Account No. 62.—Other Miscellaneous Departments.**

The following table exhibits the expenditure in India under this head in each of the six years under review. The sterling expenditure of individual miscellaneous departments cannot be separated from that of other members of the group, and such expenditure, as a whole, has therefore been examined in a separate memorandum.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Inspection of Explosives	95,507	95,081	98,636	90,556	85,668	91,700	—	3,807
Inspection of Factories, Boilers, etc.	1,369	6,593	10,374	8,403	23,576	25,200	23,831	—
Examinations	15,985	10,818	9,290	5,068	3,289	35,900	19,915	—
Imperial Library	61,436	75,261	78,050	76,569	72,239	59,200	—	2,236
Controller of Patents and Designs	49,594	58,301	63,744	63,757	79,174	79,600	30,006	—
Secretary to the Government of India	31,803	29,874	28,794	32,925	35,576	34,300	2,497	—
Indian War Memorial	8,105	8,043	9,905	8,090	7,731	7,900	—	205
British Empire Exhibition	8,580	16,105	—	—	—	—	—	8,580
Shire Coal Depot	—	—	—	—	24,834	—1,800	—	1,800
Other Items	3,891	1,310	1,125	978	443	30,000	26,109	—
<b>Total</b>	<b>2,76,270</b>	<b>3,01,386</b>	<b>2,99,918</b>	<b>2,89,346</b>	<b>3,32,526</b>	<b>3,62,000</b>	<b>1,02,368</b>	<b>16,628</b>
						<b>Net Increase</b>	<b>85,730</b>	

2. It will be seen that the table shows a gross increase of 86 during the six years' period. The principal variations under individual sub-heads are discussed below:—

(a) *Inspection of Explosives.*—The principal factor in the decrease of expenditure has been a fall of 13 under Pay of Officers, due to the abolition of the post of Personal Assistant to the Chief Inspector and the reduction of the pay of an Inspector. Against this must be set off an increase of 6 under

Pay of Establishment, owing to expansion of staff, and of 3 under travelling allowances and other expenses; leaving a net decline of 4.

(b) *Inspection of Factories, Boilers, etc.*—The main cause of the increase of 24 was the appointment of a Boiler, Factories and Electricity Inspector in Baluchistan, with his staff, for whom provision of 17 was made in the budget for 1929-30.

(c) *Examinations.*—The increase of 20 under this head is nominal only, as

the expenditure on examinations is more than covered by the fees received from candidates, which were expected to amount to 50 in 1929-30. These fees are separately credited as revenue. The growth of gross expenditure on this subject began on the appointment in 1926 of the Public Services Commission; though the outlay connected with examinations held by the Commission was not debited to this head until 1929-30. The gross expenditure is expected to increase in future years, as the number of candidates is steadily growing. The provision in the budget of 1930-31 is 55; all of which may be expected to return as revenue.

(d) *Imperial Library*.—There has been a gross increase of 18 under this head, more than counterbalanced by a contribution of 20 from the Bengal Government which, though recommended for consideration by the Inchcape Committee, was not actually recovered until 1929-30. It will be made annually in future. Of the gross increase, about 11, under Pay of Officers, is nominal; being due to cheap acting arrangements made in 1924-25 to fill the place of the Librarian, who was on leave. A real increase of 2 is due to the appointment, as a temporary measure for two years, of a Secretary to the Imperial Library Council; and a further growth of 5 to increased purchase of books and publications.

(e) *Controller of Patents and Designs*.—The principal factors in the increase of 30 may be set out as follows:—

(i) Pay of Officers	... +10
(ii) Pay of Establishment	... + 8
(iii) Allowances, etc.	... +1
(iv) Charges for Printing Specifications	... +8
(v) Contingencies	+3

The increase under Officers is due to annual increments and to the revision of the pay of the Assistant Examiner of Patents; that under Establishments to annual increments and to expansion of staff; that under Charges for Printing Specifications to an increase in the number of specifications and to a transfer of such charges to this head from the head Stationery and Printing.

It may be mentioned that the growth of outlay under this head is more than covered by an increase in Patent fees credited as revenue. These rose from 1,30 in 1924-25 to an estimate of 1,66 in

the budget of 1929-30; and are thus sufficient to cover expenditure of more than double the amount at present incurred on the Controller's office.

(f) *Actuary to the Government of India*.—The increase of 2 is due to the grant of gazetted status to the Assistant Actuary.

(g) *British Empire Exhibition*.—The amount appearing in the table is a comparatively small fraction of the total expenditure under this sub-head. The bulk of the outlay was incurred in England, and is therefore treated in the separate memorandum on the sterling expenditure of the miscellaneous departments. The expenditure naturally ceased with the close of the Exhibition.

(h) *Bushire Coal Depot*.—The Depot was taken over by the Foreign and Political Department from the Royal Indian Navy in 1927. It supplies coal for private and official use to various Government officers and others in the Persian Gulf, and its expenditure is completely covered by recoveries, some of which are taken in reduction of expenditure while others are credited as revenue.

(i) *Other Items*.—The majority of the expenditure included under this sub-head represents Census charges; belated debits appearing in the earlier years of the series, and the preliminary cost of the forthcoming census in the budget estimates of 1929-30. The increase therefore calls for no comment.

3. In summarising the progress of expenditure recorded under this head, it may be said that the increases of 20 under Examinations and of 30 under Patents and Designs are purely nominal, being set off by growth of revenue recorded elsewhere. The balance of 36 is due partly to the increased attention paid to factory inspection in Baluchistan and partly to the preliminary arrangements for the coming census; partially counterbalanced by decreases under other sub-heads of account.

#### Account No. 63.—Sterling Expenditure of Miscellaneous Departments.

The following table sets out the expenditure under this head in each of the six years under review. The figures of 1924-25 include the sterling



outlay incurred by the Indian Stores Department on the purchase of stores, which cannot be separated from the figures of other departments, but not its expenditure on leave salaries, deputation pay and sterling overseas pay.

In later years, the table gives the figures of all departments now classed as Miscellaneous Departments. The primary figures are in pounds sterling and are converted into rupees at the foot of the table.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase	Decrease.
	£	£	£	£	£	£	£	£
Indian Trade Commissioner . . .	2,425	2,475	4,190	6,114	9,670	..	..	2,425
British Empire Exhibition . . .	19,003	—16,563	—49	..	..	..	..	19,003
Leave Salaries and Deputation Pay } Sterling Overseas Pay . . . }	5,155	5,621	3,980	{ 2,798 1,517	{ 2,338 1,320	{ 2,550 1,650	..	958
Charges against the Literary grant, Grants-in-Aid and Miscellaneous Expenditure of the Secretary of State . . . . .	4,192	3,092	767	795	555	4,575	383	..
The India Office Library and Record Office . . . . .	..	..	4,515	2,995	2,723			
Miscellaneous Expenditure of the High Commissioner . . . . .	437	410	450	45	..	..	..	437
Stores . . . . .	1,080	17	715	473	34	150	..	930
<b>Total . . . . .</b>	<b>32,295</b>	<b>—4,942</b>	<b>14,568</b>	<b>14,737</b>	<b>16,646</b>	<b>8,925</b>	<b>383</b>	<b>23,753</b>
	Rs.	Rc.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
The same converted into rupees at the official rate of exchange . . .	3,22,950	—49,420	1,45,680	1,96,494	2,21,951	1,19,000	..	2,03,150
Loss by Exchange . . . . .	1,22,997	—15,972	56,558	1,161	224	..	..	1,22,997
<b>Total in Rupees . . . . .</b>	<b>4,45,947</b>	<b>—65,392</b>	<b>2,02,238</b>	<b>1,97,655</b>	<b>2,22,175</b>	<b>1,19,000</b>	<b>..</b>	<b>3,26,947</b>
						<i>Net Decrease</i>		<b>3,26,947</b>

2. It will be seen that the table shows a decrease in sterling expenditure of £23,370. When the figures are converted into thousands of rupees, the decline becomes 3,27. The more important variations under individual sub-heads are explained below :—

(a) *Indian Trade Commissioner.*—The decrease under this sub-head is nominal only. The expenditure still continues, and has, indeed, grown to four times the figure of 1924-25; but it is now recorded under the head General Administration.

(b) *British Empire Exhibition.*—The decrease of £19,003 is a natural result of the closing of the Exhibition. The expenditure incurred in 1924-25 was, in fact, an unusual item.

(c) *Leave salaries, Deputation pay and Sterling overseas pay.*—Expenditure on this account always fluctuates, owing chiefly to variations in leave-salary. The decrease of £958 is probably mainly due to the working off of

arrears of leave accumulated during the War.

(d) *Charges against the Literary Grant, etc.*—The fall under this head is due to a transfer of charges to the sub-head India Office Library and Record Office. The net variation in the two sub-heads combined is too small to require explanation.

(e) *Miscellaneous Expenditure of the High Commissioner.*—This sub-head includes recruitment expenses and miscellaneous allowances and passages. It naturally fluctuates within comparatively narrow limits.

(f) *Stores.*—As already explained, the figures shown against 1924-25 include the purchases of the Indian Stores Department, which are probably responsible for the bulk of the cost. The decrease of £930 may be assumed to be nominal only.

3. In summarising the course of expenditure under this head, it may be said that the decrease of 3,27 recorded in the table is almost entirely due to the

non-recurrence of the unusual expenditure of 1924-25 on the Empire Exhibition and to the transfer to the head General Administration of the cost of the Trade Commissioner and his staff. Other fluctuations are unimportant, though the outlay as a whole has shown a slight tendency to decrease.

### Account No. 64.—Currency.

The following table shows the expenditure under this head in each of the six years under review. For convenience of reference, the figures of Currency revenue have been set out at the foot of the table and the *net* revenue deduced.

	Actuals, 1924-25	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Charges in India—</i>								
Controller and Deputy Controllers and their offices . . . . .	3,77,716	3,80,117	3,88,693	4,19,806	3,98,540	3,96,100	18,384	—
Currency Offices . . . . .	15,41,372	15,80,602	13,38,704	16,26,332	16,51,152	17,52,100	2,10,768	—
Currency Note Printing Press . . . . .	..	..	..	43,186	2,92,019	6,74,000	6,74,000	—
Remittance of Treasure . . . . .	8,00,543	8,99,977	8,95,053	9,10,245	9,55,058	9,43,800	1,43,257	—
Loss on Remittances of Notes and Specie . . . . .	2,239	1,881	10	97,731	61,792	..	..	2,239
Discount on Bills . . . . .	188	..	..	..	..	..	..	188
Works . . . . .	3,193	4,129	7,494	6,11,766	11,973	1,15,000	1,11,807	—
<i>Charges in England—</i>								
Stores . . . . .	21,53,720	18,73,006	22,98,644	33,47,829	8,63,508	9,17,000	..	12,86,720
Other Items . . . . .	35,480	20,790	35,940	40,640	47,560	57,000	21,540	—
Loss by Exchange . . . . .	8,34,315	6,23,805	7,89,582	21,223	1,120	..	..	8,34,315
<b>Total</b> . . . . .	<b>57,48,706</b>	<b>53,84,307</b>	<b>60,54,190</b>	<b>71,18,758</b>	<b>42,82,722</b>	<b>48,55,000</b>	<b>11,79,756</b>	<b>20,73,462</b>
							<i>Net Decrease</i>	<b>8,93,706</b>
<b>Revenue from Currency</b> . . . . .	<b>3,57,55,372</b>	<b>4,29,95,964</b>	<b>4,06,79,504</b>	<b>2,43,71,987</b>	<b>2,44,62,311</b>	<b>2,66,85,000</b>	<b>..</b>	<b>90,70,372</b>
<b>Net Revenue</b> . . . . .	<b>3,00,06,666</b>	<b>3,76,11,657</b>	<b>3,46,25,314</b>	<b>1,72,53,229</b>	<b>2,01,79,589</b>	<b>2,18,30,000</b>	<b>..</b>	<b>81,76,666</b>

2. The table shows a decrease of 8,94 in expenditure and a fall of 90,70 in *net* revenue. The principal variations in expenditure under the different sub-heads are examined below.

(a) *Controller and Deputy Controllers and their offices* . . . . . +18

The abolition of the office of the Deputy Controller, Northern India, caused a *net* all-over saving of 46; a rather greater saving under this sub-head being partially counterbalanced by minor increases under Currency Offices. The principal countervailing increases under the present sub-head were:—

+38 under Pay of Establishments, due to some small increase of staff, together with revision of pay and normal increments.

+11 under Allowances, of which 2 is due to Lee Concessions and the balance to the grant of compensatory allowances.

+30 under Contingencies. Of this, 19 was nominal only; 4 being the provision for the cost of priced publications, which is covered by corresponding revenue under Stationery and Printing; while 15, being occupier's tax and cost of electricity in Calcutta, has been transferred from other heads of account. A further item of 9 is a new charge on account of the rent of an office in Bombay.

(b) *Currency Offices* ... +2,11

The main features are a decrease of 24 under Pay of Officers, due to the reduction of two posts and to changes in personnel, and increases of 2,16 and 18 under Pay of Establishment and Contingencies respectively.

Under Establishments, the principal factor is the revision of pay which was made in the course of 1924-25. Its features were the improvement of the increment and the maximum of the ordinary time-scale and the raising of the pay of the selection grade in each office. Estimated to cost 2,14 on an average, it was expected to involve actual expenditure of 47 in the year of introduction. Its share in the increase may therefore be put at 1,67. A further expenditure of 30 was involved by the grant in 1929-30 of permanent status to certain temporary establishments, which will cost rather more in a full year. The Standing Finance Committee was informed that, on the adoption of this measure, it would probably be possible to reduce the provision for temporary staff; but the expansion of work has, up to now, rendered this impossible. The balance of the increase is due to the employment of additional staff rendered necessary by the abolition of the Northern India Office.

The increase of 18 under Contingencies is due to larger payments under Rents, Rates and Taxes owing to the enhanced valuation of Currency buildings.

(c) *Currency Note Printing Press* ... +6,74

The introduction of this new charge is the real cause of the reduction of expenditure under the head Currency taken as a whole. Prior to its introduction, Currency Notes were purchased ready-made in the United Kingdom. They are now manufactured in the Printing Press at Nasik. The difference between the cost of the working of the Press, which includes interest on the capital invested as well as provision for depreciation, and the great reduction in the English cost of stores (with Exchange) which has taken place during the period is the true measure of the saving secured by the change. On the budget figures of 1929-30, this saving

would appear to be in the neighbourhood of 14 lakhs of rupees; and the budget figures of 1930-31 give approximately the same result.

(d) *Remittance of Treasure* ... +1,43

A portion of this increase is nominal only, being the cost of Police Guards, accompanying remittances, which was formerly adjusted under another head of account. Its exact amount cannot, however, be calculated. The balance is due to the increased return of rupees from circulation and to large remittances of uncurrent coin to the Mints.

(e) *Works* ... +1,12

Of this growth, 1,00 represents provision for the new Currency Office at Lahore. The charge is non-recurring, and is a new debit to this head. Had it occurred in 1924-25, when the Punjab Government still executed central public works in an agency capacity, it would have been charged to the head Civil Works.

(f) *English Expenditure and Exchange* ... -20,49

As already explained, this decrease is due to the change of system by which Currency Notes are now manufactured in India.

3. The complete position may now be summarised by stating that there is a permanent reduction of about 14 lakhs in the cost of Currency Notes, set off by a permanent increase of rather over 2 lakhs in the cost of Currency Offices. There are also non-recurring increases of 1,00 on Works and of an uncertain amount on Remittance of Treasure.

4. Finally, it should be stated that the decrease of revenue which commenced in 1927-28 is mainly the result of the reduction in the invested portion of the Paper Currency Reserve and therefore in the interest received.

**Account No. 65.—Mint.**

The following table sets forth the expenditure under this head in each of the six years under review. For convenience of reference, the revenue from the Mints is shown at the foot of the table and the *net* revenue deduced.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Expenditure in India—</i>								
Establishments, etc., of Calcutta Mint . . . . .	3,36,315	4,24,088	3,04,092	5,15,503	4,86,901	5,13,500	1,77,185	..
Establishments, etc., of Bombay Mint . . . . .	79,944	4,89,197	5,00,646	5,22,762	5,44,136	5,50,000	70,056	..
Loss on Coinage . . . . .	91,749	7,01,825	4,08,260	3,74,387	10,42,164	8,08,500	4,26,751	..
Purchase of local stores . . . . .	1,60,331	1,71,327	2,06,033	1,50,785	2,12,654	2,90,000	1,29,669	..
Works . . . . .	..	71,144	..	21,828	2,79,171	..	..	..
<i>Expenditure in England—</i>								
Stores . . . . .	12,220	15,170	15,590	21,790	2,74,320	43,000	30,780	..
Other charges . . . . .	12,305	37,191	39,530	40,553	39,323	42,000	29,695	..
Loss by Exchange . . . . .	9,509	17,164	18,731	348	431	..	..	9,509
Total . . . . .	13,92,373	16,27,106	15,82,882	16,47,956	28,79,100	22,47,000	8,64,186	9,509
							Net Increase	8,54,627
Revenue from Mints . . . . .	41,77,522	33,93,137	8,71,723	33,74,129	43,70,417	38,82,000	..	2,85,522
Net Revenue . . . . .	27,85,149	17,66,031	-7,11,159	17,26,173	14,91,317	16,45,000	..	11,40,149

2. It will be seen that there has been an increase of 8,55 in gross expenditure and a fall in *net* revenue by 11,40. As a preliminary to an investigation of the causes of these variations, it may be stated that four principal factors have operated during the six years' period. In the first place, the Bombay Mint has been closed to coinage and all coinage work transferred to Calcutta. Secondly, an electrolytic refinery has been erected at Bombay to refine silver. Thirdly, in order to feed the refinery, rupees of the mintage of 1862-74 have been declared uncurrent and are in process of withdrawal from circulation. Finally, there has been an increased demand for small coin of several denominations.

3. Bearing these main factors in mind, the principal variations under individual sub-heads of the account are examined below.

(a) *Establishments, etc., of the Calcutta Mint.*—There has been an increase of 1,77, due partly to a general revision of the pay of establishments but mainly to the following items:—

*Pay of Officers* . . . . . +15

This is the result of the treatment as gazetted of the Artist Engineer's post and of accrual of increments to the Mint Master.

*Operative Establishment* . . . . . +73

An increase of 75 in the cost of temporary staff is reduced by a fall of 2 in that of permanent staff. The growth is due to the expansion of work owing to the concentration of coinage in this Mint and to the larger demand for small coin.

*Supplies and Services and Contingencies* . . . . . +71

Out of this increase, non-recurring expenditure of 37 represents the cost of substituting purchased electric current for current produced in a departmental power station. The change has effected a reduction of 31 in annual recurrent expenditure. The balance of the increase is due to the growth of work under the new conditions.

(b) *Establishments, etc., of the Bombay Mint.*—Of the total increase of 70, about 19 is due to the transfer to this head of a charge for municipal taxes which was previously debited to the head Miscellaneous. A further growth of 13 may be ascribed to increased house rent and overtime allowances and 10 to the accrual of increments to Assay officers. The balance is the result of the revision of the pay of the Mint and Bullion establishments.

(c) *Loss on Coinage.*—To arrive at the true loss, the figure of 4,27 must be reduced by 12; being the amount of recoveries credited as revenue in 1929-30 which, if they had accrued in 1924-25 (when the corresponding figure was 37), would have been brought to account by deduction from expenditure. The balance of the loss was due to the heavy withdrawals from circulation of rupees declared to be uncurrent in order to feed the new refinery.

(d) *Purchase of Local Stores.*—The bulk of the increase of 1,30 was due to the requirements of the electrolytic refinery. Of the expenditure on the latter, 25 was non-recurrent.

(e) *Expenditure in England.*—The increased demand for stores was largely due to the silver refinery. The growth under other charges represents larger provision for leave salaries and deputation pay. This provision, which appears large for so small a department, is justified by the actuals of recent years.

### Account No. 66.—Civil Works.

In order to make an effective examination of the expenditure of the past six years upon Civil Works, it is necessary to take account of the outlay on buildings and communications which has, since the year 1926-27, been brought to account under the head Frontier Watch and Ward. Up to and including that year, no distinction was made between this class of expenditure and that on works unconnected with the defence of the frontiers; both classes alike being included under the head Civil Works. The following two tables have therefore been prepared, showing the combined expenditure on both classes in each of the six years under review. In Table A the outlay is distributed over the principal sub-heads of account; in Table B, it is distributed according to the areas to which the expenditure related. In view of the magnitude of the figures involved, both tables have been prepared in terms of thousands of rupees.

TABLE A.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
<i>Expenditure in India—</i>								
Works . . . . .	76,49	60,42	77,25	83,82	85,37	1,14,54	38,05	..
Repairs . . . . .	69,27	74,06	81,23	89,57	91,89	95,32	26,05	..
Establishment . . . . .	25,83	23,89	28,00	30,65	32,06	39,57	13,74	..
Tools and Plant . . . . .	2,27	2,24	2,85	2,30	3,42	3,90	1,63	..
Grants-in-Aid . . . . .	53	..	55	1,24	10	3,11	2,58	..
Suspense . . . . .	2,38	—1,07	—74	—1,25	15	2,81	43	..
Reserve . . . . .	..	..	..	..	..	7,23	7,23	..
Appropriation to Road Development Fund . . . . .	..	..	..	..	4,50	83,30	83,30	..
<i>Deduct—Cost of English Stores and Establishment . . . . .</i>	—19	—1,05	—96	—81	—99	—20	..	1
<i>Deduct—Probable Savings . . . . .</i>	..	..	..	..	..	—11,60	..	11,60
<b>Total . . . . .</b>	<b>1,76,58</b>	<b>1,58,49</b>	<b>1,88,18</b>	<b>2,05,52</b>	<b>2,16,50</b>	<b>3,37,98</b>	<b>1,73,01</b>	<b>11,61</b>
<i>Expenditure in England . . . . .</i>								
Loss by Exchange . . . . .	31	48	39	..	..	..	..	31
<b>Grand Total . . . . .</b>	<b>1,77,73</b>	<b>1,60,42</b>	<b>1,89,74</b>	<b>2,06,41</b>	<b>2,17,58</b>	<b>3,38,81</b>	<b>1,73,01</b>	<b>11,03</b>
							<i>Net Increase</i>	1,61,08
Receipts . . . . .	13,21	12,85	15,79	16,07	17,05	18,41	5,20	..
<b>Net Expenditure . . . . .</b>	<b>1,64,52</b>	<b>1,47,57</b>	<b>1,73,95</b>	<b>1,90,34</b>	<b>2,00,53</b>	<b>3,20,40</b>	<b>1,55,88</b>	<b>..</b>

TABLE B.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease
<i>Expenditure in India—</i>								
Military Engineer Services . . . . .	29,04	8,35	4,77	3,29	3,58	4,74	..	24,30
Gilgit . . . . .								
Viceregal Estates . . . . .	5,92	4,85	8,21	7,21	5,63	5,76	..	16
Delhi, Dehra Dun, Bareilly and Muktesar . . . . .	23,54	22,50	52,70	55,47	48,10	62,10	38,56	..
Baluchistan . . . . .	9,63	10,83	11,22	14,21	18,14	26,74	17,11	..
North-West Frontier Province . . . . .	50,98	52,91	49,90	56,21	70,98	86,30	35,32	..
Madras . . . . .	1,29	1,38	1,12	89	1,24	1,79	50	..
Bombay . . . . .	6,97	6,08	8,85	9,39	13,56	11,90	4,93	..
Bengal and Sikkim . . . . .	10,08	11,11	11,20	11,58	11,10	10,60	52	..
Andamans (excluding Forest Works) . . . . .	2,63	1,35	1,35	1,57	1,49	2,10	..	53
United Provinces . . . . .	2,33	1,21	23	1	8	..	..	2,33
Ajmer-Merwara . . . . .	3,60	3,79	4,48	5,87	7,29	8,01	4,41	47
Rajputana . . . . .	2,38	1,16	1,90	1,35	1,26	1,01	..	..
Punjab . . . . .	68	..	..	..	43	..	..	66
Kabul Legation . . . . .	3,46	6,40	8,73	9,12	63	..	..	3,46
Simla Imperial Circle . . . . .	10,63	6,52	6,54	5,60	4,88	6,53	..	4,10
Burma . . . . .	1,02	1,70	1,58	9,67	9,11	9,30	8,28	..
Bihar and Orissa . . . . .	3,08	7,76	5,30	2,50	1,91	1,68	..	1,40
Central Provinces . . . . .	19	67	32	22	22	33	14	..
Central India . . . . .	5,51	5,82	5,82	6,29	6,24	6,83	1,32	..
Hyderabad . . . . .	50	79	77	73	69	89	39	..
Assam . . . . .	2,05	2,58	2,53	3,66	4,72	5,30	3,25	..
Coorg . . . . .	1	1	1	1	..	1	..	..
Other Areas . . . . .	1,06	72	65	67	72	63	..	43
Road Development Fund . . . . .	..	..	..	..	4,50	83,30	83,30	..
Reserve . . . . .	..	..	..	..	..	7,23	7,23	..
Deduct—Probable Savings . . . . .	..	..	..	..	..	6,00	..	6,0
<i>Expenditure in England</i> . . . . .	84	1,45	1,17	89	1,08	83	..	1
<i>Loss by Exchange</i> . . . . .	31	48	39	..	..	..	..	31
Total . . . . .	1,77,73	1,60,42	1,89,74	2,06,41	2,17,58	3,38,81	2,05,26	44,16
						Net Increase	1,61,08	

2. It will be noticed from Table B that the budget estimates of 1929-30 made no provision for expenditure in the United Provinces or the Punjab; though outlay in these areas had figured in the accounts of certain earlier years. This is due to an administrative change. In the earlier years of the series, central works in these provinces were executed by the local Governments as agents of the Government of India. These agency functions have now ceased, and the construction and repair of central works in the two provinces is at present entrusted to the heads of the central departments concerned; the necessary provision being made, not in the grant for Civil Works, but in the relevant departmental grants.

Exceptions are, however, made in the case of important works; and it is for this reason that provision for the works at Dehra Dun, Bareilly and Muktesar, which were under the control of the Chief Engineer of Delhi both in 1924-25 and in 1929-30, still appears under the Civil Works head.

3. In order to facilitate an investigation of the true increase of expenditure during the period under review, a third table has been prepared; comparing the outlay of the first and last years of the series after eliminating the ordinary expenditure of 1924-25 in the United Provinces and the Punjab. This table reads as follows:—

TABLE C.

	Accounts, 1924-25.			Budget, 1929-30.			Increase.	Decrease.
	Gross Total.	Deduct—Expenditure in the United Provinces and Punjab.	Net Total.	Under Civil Works.	Under Frontier Watch and Ward.	Total.		
Original Works . . . . .	76,49	—1,54	74,95	75,19	39,35	1,14,54	39,59	..
Repairs . . . . .	69,27	—83	68,44	71,10	24,22	95,32	26,88	..
Establishment . . . . .	25,83	—61	25,22	30,48	9,09	39,57	14,35	..
Tools and Plant . . . . .	2,27	—3	2,24	3,06	84	3,90	1,66	..
Grants-in-aid . . . . .	53	..	53	3,11	..	3,11	2,58	..
Suspense . . . . .	2,38	..	2,38	2,81	..	2,81	43	..
Reserve . . . . .	..	..	..	7,23	..	7,23	7,23	..
Appropriation for Road development . . . . .	..	..	..	83,30	..	83,30	83,30	..
Deduct—English Charges included above . . . . .	—19	..	—19	—20	..	—20	..	1
Charges in England . . . . .	84	..	84	83	..	83	..	1
Loss by Exchange . . . . .	31	..	31	..	..	..	..	31
Deduct—Probable Savings . . . . .	..	..	..	—10,00	£—1,60	—11,60	..	11,60
<b>Total</b> . . . . .	<b>1,77,73</b>	<b>—3,01</b>	<b>1,74,72</b>	<b>2,66,91</b>	<b>71,90</b>	<b>3,38,81</b>	<b>1,76,02</b>	<b>11,93</b>
						<b>Net Increase</b>	<b>1,64,09</b>	

4. Table C shows an increase of expenditure amounting to 1,64,09. Of this, a sum of 83,30, being the amount appropriated to the Road Development Fund, is covered by a specific increase of revenue and must therefore be deducted in order to arrive at the real growth of expenditure. Omitting this figure, the true increase works out to 80,79. The reasons for the more important variations under individual sub-heads are examined in some detail below.

(a) *Original Works* + 39,59

The principal factors in this increase are as follows:—

*Works executed by the Military Engineer Services* —21,90

The decrease is due to the completion of the Waziristan Scheme. The expenditure has been replaced by other outlay on the north-west frontier, recorded under the North-West Frontier Province.

*Delhi, Dehra Dun, Bareilly and Muktesar* + 21,53

There is an increase of over 3 lakhs in the provision for the Forest Research

Institute at Dehra Dun, which amounted to 9,99 in 1929-30. The balance of the increase appertains mainly to the New Capital at Delhi. The provision for 1929-30 included 7,59 for the construction of quarters, etc.; 2,48 for the heating, decoration, etc., of the new Secretariat and 1,30 for road treatment; in addition to 1,88 for a Church in the new cantonment, 2,59 as the first instalment of expenditure on a hospital to serve both the old and the new cities and 1,35 for the construction of new police lines. The eventual cost of the hospital will be in the neighbourhood of 45 lakhs.

*Baluchistan* + 10,05

The bulk of the increase represents outlay upon the central jail at Mach, for which 7,50 was provided in the budget of 1929-30. This work is now practically completed. There is a provision of 2,01 under Frontier Watch and Ward in 1929-30, and the majority of this may be taken as new expenditure.

*North-West Frontier Province* + 21,65

Of the total provision of 43,00 in the budget of 1929-30, 14,16 appears under

Civil Works and 28,84 under Frontier Watch and Ward. It is obvious, therefore, that the increase is mainly due to the needs of frontier defence; and the principal object of expenditure is the construction of roads having military importance. Under Civil Works proper, there is provision of 2,57 for a new central jail, on which 20 lakhs still remain to be spent; of 1,22 for works connected with the five-year programme of educational expansion; and of 6,42 for the construction, improvement and bridging of non-military roads.

*Madras* + 50

The increase is almost entirely due to provision for Ecclesiastical works, 20 representing the cost of construction of a cemetery and 29 that of minor works.

*Bombay and Western India States* + 2,84

The increase is mainly caused by the provision, in the estimates of 1929-30, of 2,55 for the completion of the Customs office in Bombay.

*Bengal and Sikkim* — 67

The accounts of 1924-25 record expenditure of over a lakh on buildings for the Income-tax Department in Bengal. A provision of 34 only on this account appeared in the budget of 1929-30, and even this was not spent.

*Ajmer-Merwara* + 4,41

Of this increase, 57 represents the cost of educational buildings included in the five-year programme, and the balance increased expenditure upon police lines and hospital buildings.

*Kabul Legation* — 3,46

There was no provision in 1929-30 for expenditure upon this Legation. The original building was completed in 1927-28.

*Simla Imperial Circle* — 1,93

The decrease occurs principally in the provision for minor works. No major works figure in the budget for 1929-30,

while there was provision of 50 on this account in the budget of 1924-25.

*Burma* + 6,87

Of the total provision of 7,16 in the budget of 1929-30, 6,65 is made under Frontier Watch and Ward. The increase may therefore be ascribed almost entirely to the requirements of the north-east frontier.

*Bihar and Orissa* — 1,38

The decrease is due to the completion of the buildings of the School of Mines at Dhanbad, which were under construction in 1924-25.

*Assam* + 2,11

Of the total amount of 2,25 provided in the budget for 1924-25, as much as 1,85 appears in the grant for Frontier Watch and Ward. The bulk of the increase is therefore due to the defence of the north-east frontier.

(b) *Repairs* + 26,88

The principal increases under this head are 11,60 in Delhi, Dehra Dun, etc., 10,16 in the North-West Frontier Province and 3,58 in Baluchistan. They are, in all three cases, a natural result of the great expansion of the programme of construction; but in Delhi the growth has been increased by the transfer to the revenue budget of the cost of maintaining a number of works connected with the New Capital which had previously been a charge against the capital budget. A further cause of increased outlay on maintenance has been the growing expenditure on roads to condition them to cope with heavy vehicular traffic. It must be remembered that the sub-head "Repairs" covers extensions and improvements and special repairs in addition to ordinary maintenance.

(c) *Establishment* + 14,35

The following table compares the Establishment charges of each area in the two years 1924-25 and 1929-30, and deduces the percentage borne by them to the expenditure upon original works and repairs:—



TABLE B.

	Accounts, 1924-25.			Budget, 1929-30.		
	Cost of Works and Repairs.	Cost of Establishment.	Percentage.	Cost of Works and Repairs.	Cost of Establishment.	Percentage.
Military Engineer Services and Gilgit . . . . .	25,32	3,88	15.3	3,72	96	25.8
Viceregal Estates . . . . .	5,17	65	12.6	4,39	87	19.8
Delhi, etc. . . . .	19,22	2,24	11.6	52,35	8,58	16.4
Baluchistan . . . . .	7,84	1,69	21.6	21,47	4,95	23.1
North West Frontier Province . . . . .	43,56	6,88	15.8	75,37	9,47	12.6
Madras . . . . .	1,02	27	26.5	1,50	27	18.0
Bombay and Western India States Agency . . . . .	5,59	1,20	21.5	8,91	2,77	31.1
Bengal and Sikkim . . . . .	8,23	1,76	21.4	8,49	1,90	22.4
Andamans . . . . .	87	31	35.6	1,50	56	37.3
United Provinces . . . . .	1,85	47	25.4	..	..	..
Ajmer-Merwara and Rajputana . . . . .	4,47	1,18	26.4	7,50	1,88	24.7
Punjab . . . . .	53	14	26.4	..	..	..
Kabul Legation . . . . .	(a)	(a)	..	..	..	..
Simla Imperial Circle . . . . .	8,82	1,57	17.8	4,25	1,82	42.8
Burma . . . . .	85	22	25.9	8,89	1,98	22.3
Bihar and Orissa . . . . .	2,52	51	20.2	1,37	29	21.2
Central Provinces . . . . .	14	4	28.6	27	6	22.2
Central India . . . . .	4,32	1,10	25.5	4,87	1,45	29.9
Hyderabad . . . . .	37	13	35.1	67	22	32.8
Assam . . . . .	1,00	53	33.1	4,25	79	18.6
Coorg . . . . .	1	3	30.0	1	2	20.0
Consulting Engineer, etc. . . . .	..	1,06	..	..	65	..
Total . . . . .	1,42,30	25,83	18.2	2,09,87	39,57	18.8

(a) Figures not separable.

It will be noticed that the total percentage has risen from 18.2 to 18.8. An interesting, and probably natural, feature is the fact that in the North-West Frontier Province and Delhi, where the expenditure on construction and repairs is heaviest, it is found possible to work to the lowest percentages. The figures for the Andamans, Hyderabad and Central India illustrate the expense which is necessarily involved in the maintenance of special establishments for isolated areas; and the same is true of the Persian Gulf establishments included in the Bombay total. The percentage for the Simla Imperial Circle is conspicuously high; one of the causes doubtless being the amount of estate office work which has to be performed in connection with Government tenants of State house property, and another the fact that the entire pay of the Superintending Engineer, whose time is largely

occupied in Secretariat work, was charged to the Civil Works budget. The figures of the budget of 1930-31 yielded an even larger percentage, but it is understood that the cost of the Simla establishment has since been drastically revised.

(d) *Tools and Plant* +1,66

The percentage of expenditure under this sub-head to the total outlay on original works and repairs has risen from 1.6 to 1.8, and calls for no remarks.

(e) *Grants-in-Aid* +2,58

The principal new items are grants to Delhi City for the improvement of the city mains (2,00) and for slum development.

(f) *Reserve* +7,23

It would appear unnecessary to include this provision in the budget while the latter contains an even larger deduction for anticipated savings: a smaller

deduct entry would apparently meet the requirements of the case. It is understood, however, that the present procedure is administratively more convenient. The revised estimates of 1929-30, after taking both items into account, expected a net saving of over 3 lakhs of rupees.

(g) *Appropriation for Road Development* +83,30

As already explained, this provision is made out of additional revenue raised expressly for the purpose, and it does not constitute a real addition to the true expenditure of the department.

5. The position under the head Civil Works may now be summarised by stating that the expenditure upon original works has expanded greatly, owing partly to the policy of development of communications on the north-west and north-east frontiers of India and partly to the requirements of the new Imperial

City of Delhi. The principal outstanding commitments are the construction of the central jail for the North-West Frontier Province and that of the combined hospital for Delhi. The outlay upon repairs has necessarily grown with the number of works to be maintained, and has been increased by the transfer from the capital to the revenue side of the accounts of the cost of maintenance of a number of works in New Delhi and by the adoption, in the interests of motor transport, of a higher standard of road construction. The expenditure upon establishment has developed little more than proportionately to the outlay upon works, though in certain areas it appears to be conspicuously high.

**Account No. 67.—Territorial and Political Pensions.**

The following table sets forth the expenditure under this head in each of the six years under review.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Charges in India—</i>								
India, General . . . . .	1,34,552	1,42,907	1,60,523	1,53,274	1,71,360	1,69,000	34,448	..
Baluchistan . . . . .	45,764	35,699	36,461	36,175	36,954	37,000	..	8,764
North-West Frontier Province . . . . .	53,126	49,777	51,231	47,636	44,840	48,000	..	5,126
Madras . . . . .	2,81,975	2,66,541	2,73,713	2,53,761	2,39,118	5,32,000	2,50,025	..
Bombay . . . . .	4,65,338	4,29,078	4,48,566	3,25,663	3,16,478	3,58,000	..	1,07,338
Bengal . . . . .	6,33,365	5,80,639	6,83,302	6,32,923	6,24,267	6,31,000	..	2,365
United Provinces . . . . .	6,93,095	6,68,925	7,01,374	6,50,277	6,52,641	7,07,000	13,905	..
Punjab . . . . .	61,430	66,009	60,085	59,016	56,203	59,000	..	2,430
Burma . . . . .	1,74,832	1,77,831	1,27,238	1,46,056	1,41,632	1,50,000	..	24,832
Bihar and Orissa . . . . .	45,421	38,950	42,170	38,932	40,115	39,000	..	6,421
Central Provinces . . . . .	3,73,779	3,72,769	3,70,426	3,61,352	3,61,355	3,74,000	221	..
Assam . . . . .	6,954	6,006	6,379	7,242	8,836	9,000	2,046	..
Coorg . . . . .	1,871	1,723	1,330	1,194	930	1,000	..	671
<i>Charges in England</i> . . . . .	1,22,888	1,05,410	73,070	1,46,754	1,17,925	1,19,000	..	73,888
<i>Loss by Exchange</i> . . . . .	45,335	34,318	24,831	696	202	..	..	45,335
<b>Total</b> . . . . .	<b>31,39,525</b>	<b>29,76,642</b>	<b>30,60,699</b>	<b>28,60,956</b>	<b>28,12,913</b>	<b>32,33,000</b>	<b>3,00,645</b>	<b>2,07,170</b>
							<i>Net Increase</i>	<b>93,475</b>

2. It will be seen that the total outlay has grown by 93 during the six years' period. The principal variations under sub-heads are examined in the following paragraph.

3. (a) *India, General.*—The increase of 34 is nominal only. It is due to the transfer to this head of certain payments formerly brought to account under the head Superannuation Allowances and Pensions.

(b) *Madras.*—The increase is the result of the transfer to the central Government of a liability of 2,83 for Malikana allowances to ex-chiefs in Malabar which were formerly paid by the Government of Madras. The transfer was due to a decision that the allowances were granted for political reasons.

(c) *Bombay.*—The decrease of 1,07 is due to the transfer to His Majesty's Government of the responsibility for political pensions in Aden.

(d) *Burma*.—The fall of 25 is the result of the death of the ex-Queen of Burma; the saving caused thereby being partially set off by increases due to the transfer of certain payments from other circles of account and by minor enhancements of pensions.

(e) *English charges and Loss by Exchange thereon*.—The total decrease of 49 is due partly to the fact that a small advance payment was made in 1924-25, but in the main to the death of a pensioner and the consequent reduction by 33 of the pensions paid to his family.

4. The progress of expenditure may be summarised by stating that there has been a true increase of approximately

65. The outstanding features are the assumption of responsibility for charges of 2,83 formerly borne by the Madras Government; a transfer of 1,07 to His Majesty's Government; and reduction of charges through the deaths of pensioners.

#### Account No. 68.—Superannuation Allowances and Pensions.

The following table shows the expenditure under this head in each of the six years under review. For convenience of reference, the revenue from receipts in aid of superannuation, etc., is inserted at the foot of the table and the *net* expenditure deduced.

TABLE A.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Charges in India—</i>								
Pensions and Gratuities of retired Government servants .	22,89,693	20,48,802	19,01,184	23,58,110	25,44,765	28,32,856	45,43,163	..
Pensions for Distinguished and Meritorious services .	21,355	17,822	22,975	20,716	19,859	23,533	2,178	..
Special pensions connected with the War	1,23,329	1,02,431	94,891	91,479	91,793	92,217	..	31,112
Payments from Revenue on account of Commutations .	13,37,740	16,82,796	8,14,646	7,17,315	8,82,341	14,42,000	1,04,260	..
Family Pensions and Provident and Service Fund payments	1,23,018	1,96,779	2,03,174	2,09,602	2,16,015	2,18,050	95,032	..
<i>Charges in England—</i>								
Pensions, Gratuities and Family Pensions of English establishments .	6,65,900	5,88,440	7,32,730	9,10,053	7,90,000	8,72,000	2,06,100	..
Pensions and Gratuities of Indian establishments .	1,09,94,863	1,07,68,803	1,05,68,960	1,35,00,904	1,36,45,797	1,32,42,400	22,47,537	..
Pensions for Distinguished and Meritorious Services .	22,620	22,180	22,900	26,533	26,613	26,800	3,980	..
Payments from Revenue on account of Commutations .	2,05,480	4,21,220	..	..	..	..	..	2,05,480
Family Pensions, etc., of Indian establishments .	73,58,220	72,78,050	69,99,900	90,42,027	88,27,653	88,07,000	14,48,780	..
<i>Loss by Exchange</i> .	71,66,671	62,50,310	62,37,507	1,02,702	34,513	..	..	71,66,671
<b>Total</b> .	<b>3,03,08,889</b>	<b>3,43,77,633</b>	<b>3,15,98,887</b>	<b>3,09,79,441</b>	<b>3,10,79,349</b>	<b>3,15,56,656</b>	<b>86,51,030</b>	<b>74,03,263</b>
<i>Deduct—Charges transferred to Commercial Departments .</i>								
	—17,05,143	—54,10,858	—54,24,167	—54,41,787	—62,66,956	—64,43,656	..	47,38,513
<b>Net Total</b> .	<b>2,86,03,746</b>	<b>2,89,66,775</b>	<b>2,61,74,720</b>	<b>2,55,37,654</b>	<b>2,48,12,393</b>	<b>2,51,13,000</b>	..	<b>34,90,746</b>
<i>Deduct—Receipts in Aid</i>								
	—22,31,697	—25,41,975	—22,12,083	—19,75,467	—20,35,115	—24,74,000	..	2,42,303
<b>Net Expenditure</b>	<b>2,63,72,049</b>	<b>2,64,24,800</b>	<b>2,39,62,637</b>	<b>2,35,62,187</b>	<b>2,27,77,278</b>	<b>2,26,39,000</b>	..	<b>37,33,049</b>

2. In order to obtain a clear idea of the true progress of expenditure in England, the first necessity is to distribute the Exchange figures of the earlier

years of the series over the various sub-heads of account. This is done in the following table:—

TABLE B.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Decrease
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Pensions, etc., of English establishments	6,65,900	5,88,440	7,32,730	9,10,053	7,90,000	8,72,000	
Exchange	2,47,949	1,92,777	2,49,416	3,981	1,171	..	
Total	9,13,849	7,81,217	9,82,146	9,14,034	7,91,171	8,72,000	41,84
Pensions, etc., of Indian establishments	1,09,94,863	1,07,68,803	1,05,68,960	1,35,00,904	1,36,45,797	1,32,42,400	
Exchange	40,93,948	35,27,932	35,97,587	59,054	20,221	..	
Total	1,50,88,811	1,42,96,735	1,41,66,547	1,35,59,958	1,36,66,018	1,32,42,400	18,33,538
Pensions for Distinguished and Meritorious Services	22,620	22,180	22,900	26,533	26,613	26,600	
Exchange	8,422	7,266	7,795	116	39	..	
Total	31,042	29,446	30,695	26,649	26,652	26,600	4,54
Commutations	2,05,480	4,21,220	..	..	..	..	
Exchange	76,511	1,37,995	..	..	..	..	
Total	2,81,991	5,59,215	..	..	..	..	2,81,991
Family pensions, etc., of Indian Establishments	73,58,220	72,78,050	69,99,900	90,42,027	88,27,653	88,07,000	
Exchange	27,39,841	23,84,340	23,82,709	39,551	13,081	..	
Total	1,00,98,061	96,62,390	93,82,609	90,81,568	88,40,734	88,07,000	12,92,061

3. It is now possible to prepare a consolidated table, showing the combined rupee and sterling expenditure of each

year under the various sub-heads. The figures work out as follows, in thousands of rupees:—

TABLE C.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase	Decrease
Pensions, Gratuities and Family Pensions of English Establishments		9,14	7,81	9,82	9,14	7,91	8,72	.. 42
Pensions and Gratuities of Indian establishments		1,73,79	2,13,46	2,00,67	1,99,18	2,02,11	2,00,75	26,96 ..
Pensions for Distinguished and Meritorious services		52	47	54	47	46	50	.. 2
Special Pensions connected with the War		1,23	1,03	95	92	92	92	.. 31
Payments from Revenue on account of Commutations		16,20	22,42	8,15	7,17	8,82	14,42	.. 1,78
Family Pensions and Provident and Service Fund payments for Indian establishments		1,02,21	98,59	95,86	92,91	90,57	90,25	.. 11,96
Deduct—Charges transferred to Commercial Departments		—17,05	—54,11	—54,24	—54,41	—62,67	—64,43	.. 47,38
Total		2,86,04	2,89,67	2,61,75	2,55,38	2,48,12	2,51,13	26,96 61,87
							Net Decrease	34,91

The more important variations under individual sub-heads will be examined in the following paragraphs.

4. *Pensions, Gratuities and Family Pensions of English establishments.*—The following table shows, in pounds

sterling, the expenditure, during the first five years of the period under review, on the items included under this sub-head. Separate figures for the budget of 1929-30 are not available. The items relate to the staff of the India Office and the High Commissioner.

TABLE D.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.
	£	£	£	£	£	£
Superannuation Pensions . . . . .	41,793	38,192	40,981	43,104	42,751	
Compensation Pensions granted on re- duction of staff . . . . .	3,287	2,402	2,456	2,663	2,177	
Compassionate and Injury Pensions . .	2,022	2,191	2,084	1,822	1,866	
Gratuities on the lines of the Superannu- ation Act, 1909 . . . . .	6,738	3,198	15,116	8,716	1,270	
Pensions to Widows and Families from funds (established by the East India Company) to which the officers subs- cribed . . . . .	4,614	4,856	4,538	4,045	3,611	
Pensions from the India Office Provident Fund . . . . .	8,136	8,005	8,098	7,904	7,575	
<b>Total . . . . .</b>	<b>66,590</b>	<b>58,844</b>	<b>73,273</b>	<b>68,254</b>	<b>59,250</b>	<b>65,400</b>

It will be seen that, apart from a steady and natural decrease in the family pensions payable from the old funds established by the East India Company, the principal fluctuations occur under the gratuities payable on the lines of the Superannuation Act of 1909. These are gratuities payable, in certain circumstances, to the heirs of deceased Government servants, and their amount varies from year to year with reference to the number of deaths that occur.

5. *Pensions and Gratuities of Indian Establishments.*—The principal features under this sub-head are a steady decrease in the sterling payments, counterbalanced by an even greater apparent rise in the rupee outlay, which is itself more than set off by an increase in recoveries from Commercial Departments. A growth in pensionary charges is a natural phenomenon. The expansion of Government departments has been steadily proceeding for a great many years; while changes in rates of pay and pension have tended to raise the average pensions drawn by pensioners of to-day as compared with those of their predecessors of six years ago. The growth has not been so large as might otherwise have been expected, owing to the fact, which will be the subject of comment in a later paragraph, that there has been an appreciable growth in the habit of commutation of pensions. Again, the progress of Indianisation must have tended to displace a number of sterling pensions by pensions paid in India. The general result is, therefore, on the lines which might naturally have been anticipated.

6. The variations in the rupee expenditure call, however, for more detailed examination. There was an apparent rise from 22,90 to 70,49 in 1925-26, followed by a fall to 59,01 in the following year; since when the growth has been comparatively steady. The principal underlying cause of those fluctuations is a change in the method of dealing with pensions of the Posts and Telegraphs and other commercial departments. In 1924-25, the pensions actually paid to ex-employees of those departments were not included in the figures shown in the first line of Table A. Their amount was in the neighbourhood of 34 lakhs, of which approximately 17 lakhs, having been sanctioned prior to the 1st April 1921, were a charge on the local Governments which actually disbursed them. This expenditure was, however, passed on by the local Governments to the central Government, together with a corresponding credit, which appears in the deduct entry shown at the foot of Table C. The central Government, in its turn, passed on to the commercial departments not only the 17 lakhs of pensions which it actually disbursed, but also the 17 lakhs disbursed by the provincial Governments. In effect, therefore, the commercial departments were bearing the cost of all pensions drawn by their pensioners; the benefit of the relief afforded by the payments made by local Governments accruing, not to the departments, but to the Government of India's general revenues.

7. This system was changed with effect from 1925-26. In view of the difficulty of calculating a particular department's exact share of pensions actually

paid, it was decided to charge to the Posts and Telegraphs Department in future a figure, calculated on the strength of its establishments, actuarially estimated to represent the true value of its annual pensionary liability. Pending the completion of the actuarial calculations, which is still awaited, the liability was tentatively fixed at 50 lakhs of rupees, and as establishments increased was raised to 58 lakhs in 1928-29 and to 60 lakhs in 1929-30. At the same time, it was decided that neither the expenditure met by the local Governments nor the relevant credit should be passed on to the central Government; the expenditure being finally debited in the provincial books. Since 1925-26, therefore, the full amount of commercial department pensions actually paid is included in the figures recorded in Tables A and C.; while the recoveries shown by deduction from expenditure include no recoveries from local Governments, but consist of the contribution of the Posts and Telegraphs Department together with smaller sums contributed by other commercial departments.

8. Of the increase of 47,58 between the years 1924-25 and 1925-26, 18 or 19 lakhs are the amount of commercial department pensions, disbursed by the Government of India, which appear for the first time in the accounts. This growth is far more than set off by the increased recovery from the departments. A further growth of 17 lakhs is the result of a refund to the Madras Government of pensions wrongly debited to the province in earlier years. The balance of approximately 11 lakhs is an unusually large figure to result from the normal expansion of pensionary charges but careful research has failed to reveal any special reason for the development.

The position under the sub-head may be summarised by stating that there has been a gross increase of expenditure by 27 lakhs, set off by an increase of 47 lakhs under recoveries. The *net* outlay has thus been reduced by 20 lakhs; the true reason being a transfer of 31 lakhs to the commercial departments.

10. *Special Pensions and Family Pensions connected with the War.*—The principal items recorded under this sub-head are pensions paid, under the War Risks Compensation Scheme, to lascars injured and to the dependants of lascars killed in the great War. Such payments may be expected to diminish steadily as years go on.

11. *Payments from Revenue on account of Commutations.*—The commutations covered by this sub-head are of two kinds. The first and larger class is that of the lump sum payments made direct to pensioners. The second class consists of the lump sum payments made to local Governments, by whom pensions will be disbursed, in commutation of the central Government's share of the pensions of individual Government servants who have served under that Government. The accounts of both classes of payments are complicated by an important change of procedure which has taken place during the period under review. Up to and including the year 1925-26, all payments by way of commutation were taken finally against revenue, while lump sum receipts from local Governments in commutation of their share of pensions disbursed from central treasuries were credited as revenue. The grant to a certain number of classes of pensioner of a definite right to commute, together with the raising of the limit of commutation from one-third to one-half of the pension, made it probable that a continuance of the old procedure would involve heavier demands upon the revenue budget than Government could contemplate with equanimity. It was decided, therefore, that, with effect from the accounts of 1926-27, all lump sum payments in respect of either class of commutation should be debited in the first instance to capital; a new head, outside the revenue accounts, being opened for the purpose. At the close of the year, such portion of the expenditure as Government decide to finance from Revenue is transferred to the revenue head. The balance remains at debit of Capital, and is written off to Revenue, over a series of fifteen years, by payments of equated instalments of principal and interest; the interest portion being debited in the shape of a transfer, from the Interest to the Superannuation head, of a portion of the interest due on the public debt of India. All lump sum payments made by local Governments in commutation of provincial pensions payable from central treasuries are now brought to account by deduction from the gross original debit to Capital. At the same time, commutations made in England ceased to be recorded finally in the English accounts and were passed on for adjustment to India; thus accounting for the cessation of the sterling entry

under this sub-head in Table A. Finally, it is at present the definite policy of the Government of India to transfer to the revenue head the whole of the difference between the sums paid to and the sums received from local Governments; leaving at the debit of Capital, for subsequent amortisation, those amounts only which represent sums paid to pensioners.

12. It is, after this explanation, possible to prepare a true comparative table of the revenue expenditure of civil departments under this sub-head, taking into account the lump sum recoveries from local Governments which were credited as revenue prior to 1926-27. Such a table would read as follows:—

TABLE E.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.
Gross Charge to Capital during the year . . . . .	..	..	24,59	40,79	45,95	41,20
Deduct—Lump sum recoveries from local Governments . . . . .	..	..	..	—5,46	—10,66	—5,00
<i>Net Charge to Capital</i> . . . . .	..	..	24,59	35,33	35,29	36,20
<i>Payments from Revenue.</i>						
Payments to Pensioners . . . . .	10,93	14,86	..	..	..	..
<i>Net Payments to local Governments</i> . . . . .	2,38	1,00	5,46	4,84	3,60	6,30
Payments in amortisation of sums previously charged to Capital:—						
Interest . . . . .	..	..	..	1,17	2,56	3,94
Principal . . . . .	..	..	..	1,26	2,66	4,18
<b>Total</b> . . . . .	<b>13,31</b>	<b>15,86</b>	<b>5,46</b>	<b>7,27</b>	<b>8,82</b>	<b>14,42</b>
<i>Net Debit to Capital during the year</i> . . . . .	..	..	24,59	29,23	29,03	25,72
Balance at debit of Capital at close of the year . . . . .	..	..	24,59	53,82	82,88	1,08,57

13. The extent of the growth of the habit of commutation by pensioners under the revised conditions can be readily deduced from the table given above. In the last four years of the series, the amount spent annually by the central Government on such commutation is the figure of the *net* charge to Capital reduced by the *net* Payments to local Governments. The figures for the complete series of six years are as follows:—

1924-25, Accounts . . . . .	10,93
1925-26, " . . . . .	14,86
1926-27, " . . . . .	19,13
1927-28, " . . . . .	30,49
1928-29, " . . . . .	31,69
1929-30, Budget . . . . .	29,90

This appreciable growth of commutation has produced its inevitable effect upon the expenditure on pensions proper, though that effect has been somewhat obscured by the expansion of establishments, by increases of pay and by certain other complicating factors.

14. A figure of considerable interest is that shown in the last line of Table E. The balance at debit of Capital has risen to over 1,08 lakhs of rupees during the four years for which the revised procedure has been in force. The lump sums

debited to Capital show, at present, no signs of falling off; and, as the repayment is distributed over as many as fifteen years, the balance may be expected to grow, though at a steadily diminishing rate, for at least another ten years. There is every prospect of an increase, by the end of the year 1939-40, of a minimum of 2½ crores in the public debt of India which will be entirely due to the policy of financing commutations out of borrowed funds; and this leaves out of account the money borrowed with the same object by the Military and Railway authorities and by local Governments, which may well amount to at least an equal sum. A minor point, which is elaborated elsewhere, is that the Government of India possess no satisfactory *data* from which to calculate the average period for which a pensioner, particularly of the subordinate or clerical staff, will live to enjoy his pension. There is thus no certainty either that the present rates of commutation, which were liberalised in 1926, are profitable to Government, or that the period fixed for amortisation does not pass on a portion of the liability to a generation of tax-payers which is not in equity concerned with it.

15. *Family Pensions and Provident and Service Fund payments in respect of Indian establishments.*—The following table sets forth the principal items

which contribute to the expenditure under this sub-head. The figures include sterling expenditure and the attendant loss by exchange.

TABLE F.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
Certain old Military and Medical Funds and the Indian Navy Fund . . . . .	55,38	50,90	49,31	46,71	44,38	43,19	..	12,19
The Bengal, Madras and Bombay Civil Funds . . . . .	33,83	32,54	31,70	31,52	30,22	31,09	..	2,74
The I. C. S. Family Pension Fund . . . . .	8,92	11,14	11,27	11,91	12,82	13,35	4,43	..
Lump sum payments in connection with the I. C. S. Provident Fund . . . . .	3,21	2,91	2,41	1,59	1,87	1,33	..	1,88
Bengal Pilot Service Family Pensions . . . . .	62	57	59	57	51	54	..	8
Donations to Service and Provident Funds . . . . .	25	53	58	61	77	75	50	..
<b>Total</b> . . . . .	<b>1,02,21</b>	<b>98,59</b>	<b>95,86</b>	<b>92,91</b>	<b>90,57</b>	<b>90,25</b>	<b>4,93</b>	<b>16,89</b>
							<i>Net Decrease</i>	<b>11,96</b>

The more important variations under individual sub-heads will be examined in the following paragraph.

16. (a) *Old Military and Medical Funds and the Indian Navy Fund.*—Subscriptions to these funds have almost entirely ceased, the total receipts being less than 2 lakhs a year, the major portion of which represents subscriptions to the Military Orphan Fund. The annual payments are necessarily decreasing steadily in amount and will continue to do so in the future.

(b) *The Bengal, Madras and Bombay Civil Funds.*—These were old funds established for the benefit of members of the Indian Civil Service and fed by subscriptions of such members. They have now been replaced by the I. C. S. Family Pension Fund. There are very few subscribers to the Civil Funds still remaining, and the payments will steadily de-

crease with the number of surviving beneficiaries.

(c) *The I. C. S. Family Pension Fund.*—The payments under this head are rapidly expanding, and will continue to expand for some years to come; the Fund being still comparatively young and far from having reached stability. The Fund is not a fund in the true sense of the term. The subscriptions and donations paid by members of the Service are credited to revenue as they accrue and payments of pensions are made out of revenue. In addition, the book balance of the Fund is annually credited by Government with interest on its accumulated total, though this interest is not charged in the revenue accounts of Government. The following table compares the amounts credited and debited to revenue on account of the Fund in each of the six years under review:—

TABLE G.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.
Pensions paid . . . . .	8,92	11,14	11,27	11,91	12,82	13,35	4,43
Deduct—Subscriptions and Donations received . . . . .	—12,27	—11,97	—11,94	—11,57	—11,92	—11,67	60
<b>Net Expenditure</b> . . . . .	<b>—3,35</b>	<b>—83</b>	<b>—67</b>	<b>34</b>	<b>90</b>	<b>1,68</b>	<b>5,03</b>

The fall in receipts is mainly due to reductions in the rates of subscription, while a portion of the increased expenditure is due to an increase in the pensionary benefits paid at the

expense of the Fund. It will be seen that the difference between revenue and expenditure at present entails an annual drain on the Fund of less than two lakhs of rupees. On the



other hand, Government credits the Fund each year with interest, which even now exceeds 23 lakhs and will grow steadily for many years to come. The book balance of the Fund was over 3½ millions of pounds on the 31st March 1929, and constitutes a material addition to the unfunded debt of Government.

(d) *Lump sum payments in connection with the I.C.S. Provident Fund.*—

These are additions to the fund accumulations of retiring members of the Indian Civil Service, granted in compensation for the pension contributions paid by them prior to the 1st April 1919. The steady decrease in their amount from year to year is due to the fact that the amount paid, which was fixed at £500 for officers retiring before the 1st April 1919, decreases by £20 for those retiring in each subsequent year; until it vanishes altogether in 1943.

(e) *Donations to Service and Provident Funds.*—The donations to Service Funds are comparatively small in amount and represent additions made by Government to certain classes of pensions granted from the Bengal and Madras Service Family Pension Fund. The donations to Provident Funds represent payments of bonus into "special" provident funds which take the place of pensions for certain services. Such payments are made annually and are simultaneously adjusted by debit to revenue under this head. They are comparatively small in amount, the subscribers to the funds being few in number.

17. *Deduct—Charges transferred to Commercial Departments.*—The nature of this deduction has been explained in paragraphs 6 and 7 above.

18. *General Summary.*—In summarising the general results of expenditure under this head, three sub-heads in particular call for remark. The expenditure

upon pensions and gratuities of Government servants of the Indian establishments shows, when read together with the recoveries from commercial departments, an appreciable decline. The main causes of this are an increase in the recoveries from the Posts and Telegraphs Department, which are now intended to cover the complete pension liability involved by the maintenance of establishments on their present scale, and the commutation of considerable portions of a large number of pensions; these two causes being more than sufficient to counter-balance the normal growth of pensions through the increase of establishments and revision of pay. In spite of the great growth of commutations, the revenue expenditure on this object shows a small decrease. This is due to the fact that commutations are now financed in the first instance from borrowed funds and written back to revenue over a series of years. In carrying out this process, the expenditure from revenue may be expected to increase steadily for at least the next ten years; by the end of which period the new capital liability may have grown to the neighbourhood of 2½ crores. Finally, owing to the obsolescence of certain old funds, the expenditure on family pensions, etc., of Indian establishments shows an apparent decrease; which is more than set off by the revenue liabilities incurred in connection with the I. C. S. Family Pension Fund, to meet which no provision from revenue has been made. The remaining sub-heads call for no particular remarks.

#### Account No. 69.—Stationery and Printing.

The following table sets forth the expenditure under this head in each of the six years under review:—

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
<i>Expenditure in India—</i>								
Central Offices . . . . .	10,34,235	16,36,662	13,93,077	18,92,050	16,43,618	21,99,900	11,65,665	—
<i>Purchase of Stores:—</i>								
From Provincial Govern- ments . . . . .	23,046	24,480	639	763	3,247	800	—	22,246
From other sources . . . . .	34,19,661	36,61,248	44,60,948	50,66,239	59,96,335	51,12,500	16,92,839	..
Government Presses . . . . .	23,70,788	22,93,202	21,96,717	20,72,420	23,88,784	23,26,300	..	44,488
Printing at Provincial Govern- ments' Presses . . . . .	4,29,621	4,03,895	2,68,579	1,91,194	1,58,197	1,78,200	..	2,51,421
Printing at Private Presses . . . . .	24,716	22,484	36,395	3,271	1,609	54,200	29,484	..
Experimental Security Print- ing Press . . . . .	48,896	..	..	..	..	..	..	48,896
Other Items . . . . .	13,402	15,088	15,623	1,627	712	1,600	..	11,802

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
<i>Expenditure in England—</i>								
Stores . . . . .	6,72,074	10,10,637	3,91,911	3,73,347	4,21,627	6,67,000	..	5,074
Other Charges . . . . .	61,443	1,34,550	99,661	1,40,656	1,38,973	1,91,000	1,29,557	..
Loss by Exchange . . . . .	2,65,698	3,72,888	1,66,816	1,513	841	..	..	2,65,698
<b>Total</b> . . . . .	<b>83,63,580</b>	<b>95,75,134</b>	<b>90,30,366</b>	<b>92,43,050</b>	<b>1,07,53,943</b>	<b>1,07,31,500</b>	<b>30,17,545</b>	<b>6,49,625</b>
<i>Deduct—Recoveries—</i>								
On account of Stationery . . . . .	—32,87,014	—35,01,824	—34,49,167	—36,23,684	—23,27,030	—56,68,500	—8,39,020	...
On account of Printing . . . . .	—15,42,466	—26,41,787	—24,23,041	—29,93,175	—28,08,588			
<b>Total Deductions</b> . . . . .	<b>48,29,480</b>	<b>61,43,611</b>	<b>58,72,208</b>	<b>66,16,859</b>	<b>51,35,618</b>			
<b>Net Expenditure</b> . . . . .	<b>35,34,100</b>	<b>34,31,523</b>	<b>31,58,158</b>	<b>26,26,191</b>	<b>56,18,325</b>	<b>50,63,000</b>	<b>21,78,525</b>	<b>6,49,625</b>
							<b>Net Increase</b>	<b>15,28,900</b>

2. The table shows an increase of expenditure, during the six years' period, by Rs. 15,28,900. This does not, however, represent a real growth of expenditure. There has, it is true, been a great expansion of the work of the department, which now purchases stationery and undertakes printing work for a number of parties which were not among its clients in 1924-25. The additional expense is, however, almost invariably passed on to the parties concerned; though a great part of the receipts is now credited as revenue of the department instead of being taken by deduction from expenditure. An important change of classification in respect of such recoveries was responsible for the

apparently great rise in *net* expenditure which occurred between 1927-28 and 1928-29.

3. In order to make the true position rather more evident, a further table has been prepared, comparing the figures of the two years 1924-25 and 1929-30 only, and taking into account the revenue of the department and the additions to the 'depreciation funds estimated in the latter year. The latter may reasonably be deducted, since they represent the margin between the total provision from revenue for renewals and replacements and the amount which it was actually intended to devote to these purposes during the year. The table reads as follows:—

	Actuals, 1924-25.	Budget, 1929-30.	Increase.	Decrease
<i>Expenditure in India.</i>				
<i>Central Offices—</i>				
Stationery Office . . . . .	4,48	5,73	1,25	..
Central Printing Office . . . . .	57	99	42	..
Central Forms Store . . . . .	3,85	7,86	4,01	..
Central Publication Branch . . . . .	1,44	7,42	5,98	..
<i>Government Presses—</i>				
Calcutta . . . . .	10,65	9,55	..	1,10
Delhi . . . . .	3,88	4,66	78	..
P. S. V.'s . . . . .	50	61	11	..
Aligarh . . . . .	3,65	3,07	..	58
Simla . . . . .	6,81	3,95	14	..
N. W. F. P. . . . .	76	1,15	39	..
Others . . . . .	47	26	..	21
Experimental Security Printing Press . . . . .	49	..	..	49
Purchase of Stores . . . . .	34,20	51,13	16,93	..

	Actuals, 1924-25.	Budget, 1929-30.	Increase.	Decrease.
<b>Payments to Provincial Governments—</b>				
For Stationery supplied . . . . .	23	1	..	22
For printing work done . . . . .	4,29	1,78	..	2,51
Payments to Private Presses . . . . .	25	54	29	..
Other Items . . . . .	13	2	..	11
<i>Expenditure in England.</i>				
Stores . . . . .	6,72	6,67	..	5
Other Charges . . . . .	61	1,91	1,30	..
Loss by Exchange . . . . .	2,66	..	..	2,66
<i>Gross Expenditure</i>	83,64	1,07,31	31,60	7,93
			<i>Net Increase .</i>	23,67
<b>Deduct—</b>				
<b>Receipts—</b>				
Credited by deduction from expenditure . . . . .	48,29	56,68	8,39	..
Credited as Revenue . . . . .	12,00	39,21	27,31	..
Increase in Depreciation Funds during the year . . . . .	..	1,61	1,61	..
<i>Total Deductions</i>	60,29	97,60	37,31	..
<i>Net Expenditure</i>	23,35	9,71	..	13,64

4. This table shows a *net* decrease in real expenditure of 13,64, but even this figure requires some manipulation in order to bring out the true position. On the one hand, the outlay of 1924-25 was incorrectly reduced by an accidental double credit of 7,14 on account of recoveries from the Posts and Telegraphs Department. Against this must be set the fact that the budget estimates of 1929-30 contemplated recoveries of 16,55 from the Military Department, the Railway Department and certain other departments of Government which were on the free list in 1924-25; while the revenue estimates of that year expected to recover from various departments a sum of about 4 lakhs in respect of the cost of priced publications which would, in 1924-25, have been produced by the Stationery and Printing Department at its own expense. Taking all these factors into account, it is fair to state that there has been, during the six years' period, no appreciable change in the true expenditure under this head.

5. Detailed comments upon the more important variations shown in the table under various sub-heads of account are offered below:—

*Central Stationery Office.*—The growth of 1,25 may be put down to increase of staff in order to cope with the expansion of work to which reference has already been made. The principal

new clients of the department are the four State-worked Railways and the Bengal-Nagpur Railway, all of which pay for the printing services rendered to them.

*Central Printing Office.*—The increase of 42 may be ascribed to the reorganisation and increase of staff due to the growth of work.

*Central Forms Store.*—The growth of 4,01 is mainly due to the increased demand for forms. The principal factors are:—

Re-organisation and increase of staff . . . . .	+62
Payments to contractors for printing forms . . . . .	+1,63
Making permanent the Forms Press . . . . .	+1,51

Of the expenditure on the Forms Press, 1,12 was non-recurrent outlay on new machinery, etc.

*Central Publication Branch.*—Here there is an apparent increase of 5,98. Of this, as much as 4,75 is a purely nominal item, being the estimated manufacturing cost of priced publications, which is again credited in the accounts as a recovery of the department as a whole. The balance may be put down to increase of expenditure on staff, contingencies, etc., owing to the growth of work.

*Calcutta Press.*—The net decrease of 1,10 may be ascribed to a reorganisation and rearrangement of the work of the Press. This made possible, in addition to considerable savings due to concentration of work, substantial reductions in establishment; but a part of the saving was swallowed up by the necessity of giving better terms to the remaining staff.

*Delhi Press.*—A great part of the increase under this sub-head is due to the provision, in the budget for 1929-30, of 70 to cover a payment into the Depreciation Fund; whereas in 1924-25 no such payment was made, while the actual expenditure on renewals and replacements was 4 only. The small residue is due to reorganization and the grant of certain concessions to the staff.

*Aligarh Press.*—The decrease may be put down to the non-recurrence of certain heavy expenditure which occurred in the first two years of the series. This was largely outlay upon freightage and upon allowances for overtime work. The saving is partly reduced by the provision of 42 for the Depreciation Fund and 5 for Works in the budget of 1929-30, these items having no counterparts in the expenditure of 1924-25; and by revisions of pay costing 50.

*N.-W. F. Province Press.*—The increase of 39 is due to a revision of the pay of the staff, an increase in the rates paid for convict labour and a provision of 12 in the budget of 1929-30 for the purchase of new type.

*Experimental Security Printing Press.*—The Press has now passed the experimental stage, and the outlay upon it is recorded under another head of account.

*Purchase of Stores.*—The growth of 16,93 is a natural result of the extension of the operations of the department. It is balanced by increased recoveries.

*Payments to local Governments.*—These have decreased by 2,73 with the transfer of the bulk of the printing work to the Central Government's own Presses.

*Payments to Private Presses.*—The increase is nominal only. The budget of 1929-30 provided 44 under this head against the Central Printing Office; the money was, however, not spent, and the provision was not repeated in 1930-31.

*Expenditure in England and Loss by Exchange.*—The net decrease of 1,41 is mainly due to the fact that the figures of 1924-25 included heavy outlay upon the replacement of old printing machinery.

*Receipts credited by deduction from Expenditure.*—Of the net increase of 8,39, 4,75 is purely nominal, being set off by a charge of the same amount under the head Central Publication Branch on account of the manufacturing cost of priced publications. The growth under this head would have been far greater, had it not been for a change of classification which required the recoveries from local Governments to be brought to account as revenue of the Department. The estimate of this revenue for 1929-30 was 27,64.

*Revenue.*—The increase of 27,31 is explained by the change of classification mentioned above.

*Increase in Depreciation Funds.*—This item has been explained in para. 3 above. The Depreciation Funds were not in existence in 1924-25, when expenditure on renewals and replacements was charged direct to revenue.

#### Account No. 70.—Miscellaneous.

The following table exhibits the expenditure under this head in each of the six years under review.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<i>Charges in India.</i>								
Allowances, Rewards, etc.	1,78,359	1,73,211	1,86,996	85,119	51,758	86,200	..	92,
Passages	..	..	1,84,179	32,347	4,023	..	..	..
Books and Periodicals	72,112	81,099	80,620	80,690	77,964	79,530	7,418	..
Charity	34,148	33,448	23,513	28,501	35,373	30,800	..	3,

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
Army Establishments . . . . .	64,836	67,712	68,744	64,527	57,375	66,300	1,464	..
Social Commissions of Enquiry . . . . .	7,71,555	8,33,110	11,76,324	13,09,501	19,15,820	10,02,900	2,31,345	..
Recoverable Loans and Advances written off . . . . .	3,88,073	47,629	49,345	29,530	35,508	23,980	..	3,64,098
Indian Soldiers' Board and Training Institute . . . . .	32,638	34,437	31,676	34,765	35,907	38,090	5,452	..
Grants, Rates and Taxes . . . . .	47,623	3,83,894	1,54,933	1,23,200	1,45,469	1,72,000	1,24,377	..
Contributions . . . . .	4,63,191	4,78,007	4,25,075	4,62,102	4,77,496	4,74,400	11,209	..
Miscellaneous Compensations . . . . .	28,09,963	27,99,310	27,88,103	27,91,629	27,87,065	27,91,100	..	18,863
Local Clearing Office . . . . .	74,197	74,459	73,134	69,395	50,733	15,900	..	58,297
Losses by Exchange on local transac- tions . . . . .	5,505	9,531	2,907	2,211	50,153	23,200	17,695	..
Reserve at the disposal of the Finance Department . . . . .	..	..	..	..	..	5,00,000	5,00,000	..
Payments arising out of the War . . . . .	24,715	37,554	75,819	15,411	2,643	2,500	..	22,215
Other Miscellaneous and Unforeseen Charges . . . . .	91,508	2,54,724	1,40,430	51,314	67,453	1,00,500	8,992	..
Other Items . . . . .	5,956	2,729	1,911	4,155	2,466	4,700	..	1,256
<b>Total, India . . . . .</b>	<b>50,64,379</b>	<b>53,10,854</b>	<b>54,63,709</b>	<b>51,84,397</b>	<b>57,97,206</b>	<b>54,12,100</b>	<b>9,07,952</b>	<b>5,60,231</b>
						<i>Net Increase</i>	<b>3,47,721</b>	

*Charges in England.*

Expenditure connected with appoint- ments to the I. C. S. . . . .	83,530	68,470	94,980	..	..	..	..	83,530
Expenditure connected with the League of Nations . . . . .	7,72,630	6,04,250	5,81,610	7,26,760	7,62,027	8,42,000	69,370	..
International Conferences, etc. . . . .	48,890	23,570	21,150	34,147	22,133	68,000	19,110	..
Indian Commissions and Committees . . . . .	11,840	26,400	1,29,810	2,71,453	1,81,147	3,14,000	3,02,160	..
Relief and Repatriation of Indians and others . . . . .	4,18,800	1,78,070	32,460	30,053	25,053	40,000	..	3,78,800
Grants, Allowances and Leave Salary . . . . .	37,080	61,330	82,290	63,907	1,44,120	49,000	11,920	..
Commission on Pensions, etc., paid abroad . . . . .	50,580	30,650	29,430	12,440	7,413	11,000	..	39,580
Contributions to School of Oriental studies . . . . .	12,500	12,500	12,500	16,667	16,667	17,000	4,500	..
Secret Service . . . . .	50,000	60,000	60,000	66,667	93,333	94,000	44,000	..
Grants on documents connected with transfer of India Stock . . . . .	77,240	..	..	..	..	..	..	77,240
Miscellaneous charges connected with supply of stores to India . . . . .	1,46,710	1,62,870	92,500	26,586	2,11,200	2,40,000	93,290	..
Losses on Transport, etc. . . . .	5,54,330	..	47,790	..	..	..	..	5,54,330
Publications and Periodicals . . . . .	30,830	60,330	21,680	18,986	27,173	56,000	25,170	..
Other items . . . . .	49,457	38,784	32,024	45,162	58,993	1,04,000	54,543	..
<b>Total, England . . . . .</b>	<b>23,44,417</b>	<b>13,27,224</b>	<b>12,38,224</b>	<b>13,12,882</b>	<b>15,49,259</b>	<b>18,35,000</b>	<b>6,24,063</b>	<b>11,33,480</b>
						<i>Net Decrease</i>	<b>5,09,417</b>	
<i>Loss by Exchange</i>	8,45,694	4,34,918	4,23,346	7,601	2,756	..	..	8,45,694
<b>Grand Total</b>	<b>82,54,430</b>	<b>70,72,996</b>	<b>71,25,279</b>	<b>65,04,826</b>	<b>73,49,221</b>	<b>72,47,100</b>	<b>15,32,015</b>	<b>25,39,405</b>
						<i>Net Decrease</i>	<b>10,07,390</b>	

2. It will be seen that there has, during the period, been an increase of 3,48 under expenditure in India and a decrease of 13,55 under expenditure in England and loss by exchange taken together: the *net* decrease being 10,07.

3. In order to form a correct idea of the true variations in expenditure, it is

Sub-head.	Actuals, 1924-25.	Budget, 1929-30.	Increase.	Decrease.
Appointments to the Indian Civil Service . . . . .	1,14	..	..	1,14
League of Nations . . . . .	10,51	8,42	..	2,09
International Conferences, etc. . . . .	67	68	1	..
Indian Commissions and Committees . . . . .	16	3,14	2,98	..
Relief and Repatriation of Indians and others . . . . .	5,70	40	..	5,30
Pay, Allowances and Leave Salary . . . . .	50	49	..	1
Commission on Pensions, etc., paid abroad . . . . .	69	11	..	58
School of Oriental Studies . . . . .	17	17	..	..
Secret Service . . . . .	68	94	26	..
Stamps on Documents . . . . .	1,05	..	..	1,05
Supply of Stores to India . . . . .	2,00	2,40	40	..
Losses on Transport, etc. . . . .	7,54	..	..	7,54
Publications, etc. . . . .	42	56	14	..
Other Items . . . . .	67	1,04	37	..
<b>Total</b>	<b>31,90</b>	<b>18,35</b>	<b>4,16</b>	<b>17,71</b>
		<i>Net Decrease</i>		<b>13,55</b>

4. When this re-adjustment has been made, the more important variations

Increases.	+
A. Indian expenditure on Special Commissions of Inquiry . . . . .	2,31
B. Rents, Rates and Taxes . . . . .	1,24
C. Reserve at the disposal of the Finance Department . . . . .	5,00
D. Sterling expenditure on Indian Commissions and Committees . . . . .	2,98
E. Secret Service . . . . .	26
F. Miscellaneous Charges connected with Supply of Stores to India . . . . .	40
G. Other Items . . . . .	37

Comment on each of these variations will be offered below.

5. *A. and D.—Indian Commissions and Committees.*—These two sub-heads combined show an increase of 5,29, although the Taxation Enquiry Committee and the Civil Justice Committee were at work in 1924-25. The growth of expenditure of this nature is a striking feature of the period under review.

*B.—Rents, Rates and Taxes.*—The growth of 1,24 under this sub-head is due to the fact that payment has now to

necessary to distribute proportionately over the various sub-heads of the sterling account the Loss by Exchange recorded in 1924-25. If this be done, the sterling figures of 1924-25 and 1929-30 will compare as shown below when converted into rupees:—

under the head are seen to be the following:—

Decreases.	—
H. Allowances, Rewards, etc. . . . .	92
I. Irrecoverable loans written off . . . . .	3,64
J. Local Clearing Office . . . . .	58
K. Expenditure connected with appointments to the Indian Civil Service . . . . .	1,14
L. Expenditure connected with the League of Nations . . . . .	2,09
M. Relief and Repatriation . . . . .	5,30
N. Commission on Pensions, etc., paid abroad . . . . .	58
O. Stamps on documents connected with transfer of India Stock . . . . .	1,05
P. Losses on Transport, etc. . . . .	7,54

be made to the Public Works Department for electric energy and water supplied to Government buildings in New Delhi. It is set off by an increase of revenue under the head Civil Works.

*C.—Reserve at the disposal of the Finance Department*—This increase is almost entirely nominal, as little or no expenditure from the Reserve will be finally charged to this head. The Reserve is ordinarily employed to finance in the first instance, expenditure from other grants which will ultimately be covered by re-appropriations or supple

mentary votes affecting those grants. It is not obvious that the Reserve serves any useful purpose.

*E.—Secret Service.*—There has been an increase of £2,000 in the sum placed at the disposal of the Secretary of State for secret service.

*F.—Miscellaneous Charges connected with supply of stores to India.*—This is essentially a fluctuating sub-head, and the charges debited to it vary materially from year to year.

*G.—Other Items.*—The increase is mainly due to the cost of actuarial work connected with the valuation of the Indian Civil Service Family Pension Fund and the establishment of the Superior Civil Services Family Pension Fund.

*H.—Allowances, Rewards, etc.*—The decrease of 92 is due to the cessation of payments on account of Darbar presents and allowances for Vakils at Aden. His Majesty's Government has now taken over the liability for these charges.

*I.—Irrecoverable temporary Loans written off.*—The decrease is due to the fact that there was in 1924-25 a heavy debit in Baluchistan on account of remission of loans; takavi loans to the extent of 2,63 being written off, as well as a loan of 1,00 for the reconstruction of the Fort Sandeman Bazar.

*J.—Local Clearing Office.*—The decrease is due to the decline of work as the operations connected with Enemy Trading Concerns, etc., approach completion.

*K.—Expenditure connected with recruitment for the Indian Civil Service.*—The decrease of 1,14 is to a great extent nominal. Rather less than half of the expenditure has been transferred to the head General Administration, and the balance is now passed on to the local Governments who benefit by the recruitment.

*L.—Expenditure connected with the League of Nations.*—The decrease under this sub-head is mainly due to the reduction from £70,526 to £57,150 of the contribution paid by India to the expenses of the Secretariat of the League.

*M.—Relief and Repatriation of Indians and others.*—The outlay of

1924-25 included the cost of repatriating enemy subjects interned in India, as well as heavy post-war outlay on the repatriation, etc., of destitute Indians.

*N.—Commission on Pensions, etc., paid abroad.*—These payments were increased up to 1926-27 by heavy disbursements of gratuities and allowances to surplus officers of the Indian Army, which are no longer necessary.

*O.—Stamps on documents connected with the transfer of India Stock.*—The decrease under this sub-head is nominal only. The outlay has been transferred to the head Interest.

*P.—Loss on Transport, etc.*—The amount shown under this head in 1924-25 represents the cost of chartering a vessel in 1920 to meet the passage requirements of Government servants. It has no counterpart in 1929-30.

6. In appraising the real progress of expenditure under this head, it is clearly necessary to leave out of account items B, C, K and O. This gives a further decrease of 6,24 partially set off by an increase of 2,19. The net decrease thus rises to 14,12, and its main causes may be tabulated as follows:—

Non-recurrence of items arising in England out of the War . . .	—12,84
Non-recurrence of heavy write-off of irrecoverable advances . . .	—3,64
Decrease of expenditure connected with the League of Nations . . .	—2,09
Transfer of charges to the Home Government . . . . .	—92
Fall of expenditure on the Local Clearing Office . . . . .	—58
	—
	—20,07
	—

Against the above must be set off a growth of 5,29 in the expenditure on special Commissions and Committees dealing with Indian affairs and other minor increases.

#### Account No. 71.—Extraordinary Payments.

The following table sets forth the expenditure recorded under this head in each of the six years under review. The head is intended to provide for special charges of a non-recurring character which it is desirable to distinguish from the ordinary expenditure of Government.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease
Special expenditure arising out of the late war ;—								
Special expenditure in Persia . . .	1,01,635	..	..	8,90,630	..	..	..	1,01,635
Charges in connection with certain vessels under the Indian Cargo Steamer Scheme . . .	..	..	..	6,95,523	..	..	..	..
<i>Ex gratiâ</i> compensations paid to persons who suffered from enemy action during the war . . .	..	25,00,000	23,285	..	..	..	..	..
Irrecoverable enemy debt due by British Nationals in India . . .	..	76,854	3,34,712	2,36,331	1,20,510	2,25,000	2,25,000	..
	1,01,635	25,76,854	3,57,997	18,22,484	1,20,510	2,25,000	2,25,000	1,01,635
							Net Increase . .	1,23,365

2. From the nature of the payments concerned, it is obvious that they must inevitably vary from year to year. Each item included in the statement is briefly explained below :—

(a) *Special Expenditure in Persia.*—The outlay of 1924-25 represents the final debit to revenue of certain loans and advances made to the Persian Government before and during the great war, which had long been held in suspense. It was eventually decided to forgo recovery.

The payment of 1927-28 was made to His Majesty's Government in adjustment of certain expenditure incurred during the war.

(b) *Charges in connection with certain vessels under the Indian Cargo Scheme.*

—The disbursement of 1927-28 was made to the Home Government in adjustment of claims on account of vessels requisitioned during the war for the carriage of commercial cargo.

(c) *Ex gratiâ Compensation paid to persons who suffered from enemy action during the war.*—These payments were far more than covered by the profits accruing from the control of enemy ships seized during the war, from which they were met.

(d) *Irrecoverable enemy debt due by British Nationals in India.*—These payments are made in liquidation of debt due by British nationals in India to enemy nationals, which is irrecoverable from the actual debtors but payable, under the Treaty of Versailles, by the Government of India.



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## **PART III**

**Containing Memoranda dealing with individual Minor Administrations.**

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## TABLE OF CONTENTS.

	Pages.
1. North-West Frontier Province . . . . .	153—158
2. Baluchistan . . . . .	159—163
3. Delhi . . . . .	164—169
4. Ajmer-Merwara . . . . .	170—173
5. Andaman and Nicobar Islands . . . . .	174—175
6. Assigned Tract of Bangalore . . . . .	176—178

NOTE.—The figures in this Part, when not preceded by the sign "Rs.", represent thousands of rupees.

### Account No. 1.—North-West Frontier Province.

The following table shows the rupee expenditure of the North-West Frontier Province under each major head of account in each of the six years under review. It is impossible to separate the sterling expenditure which related to the province from other sterling outlay of the Government of India. To make the picture more instructive, the heads of account which would, in the case of

a Governor's province, involve, as affecting central subjects, a charge upon the central Government have been shown in a separate group at the end of the table, and a separate total has been deduced for them. The single case in which this plan has not been followed is that of the expenditure on buildings and communications which is now debited to the head Frontier Watch and Ward. This expenditure, for the earlier years of the series, cannot be distinguished from that incurred on ordinary Civil Works.

TABLE A.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
and Revenue . . .	6,44,083	7,30,148	7,27,349	6,23,102	5,82,565	5,31,000	..	1,13,083
Excise . . .	33,713	5,62,172	4,85,123	5,98,595	5,68,274	5,81,000	5,47,287	..
Lamps . . .	28,647	38,061	50,565	29,928	26,343	32,000	3,353	..
Post . . .	5,88,713	5,47,321	6,40,719	9,49,058	8,52,532	8,90,000	3,01,287	..
Registration . . .	11,084	12,606	12,181	12,552	14,496	15,000	3,916	..
Migration . . .	24,36,279	22,28,853	23,32,779	23,34,312	26,14,078	24,08,000	..	23,279
General Administration	16,32,700	16,52,900	16,77,950	17,22,863	17,37,259	18,16,000	1,83,000	..
Administration of Justice . . .	5,61,718	6,20,703	7,01,860	7,41,860	7,55,480	7,64,000	2,02,282	..
Prisons and Convict Settlements . . .	5,92,499	6,57,005	6,92,080	7,24,062	7,54,700	8,10,000	2,17,501	..
Police . . .	27,02,224	27,38,233	27,32,395	27,41,605	28,35,506	29,48,000	2,45,776	..
Scientific Departments	3,992	5,546	5,608	5,251	4,879	5,000	1,008	..
Education . . .	11,74,941	12,18,714	13,23,760	17,73,438	18,58,593	20,20,000	8,45,059	..
Medical . . .	3,94,521	4,45,285	4,89,430	4,21,356	4,20,888	4,50,000	55,479	..
Public Health . . .	1,71,800	82,479	1,04,764	84,913	1,01,570	1,09,000	..	62,800
Agriculture . . .	1,28,147	1,46,558	1,50,428	1,56,423	1,52,557	2,13,000	84,853	..
Industries . . .	..	..	..	..	6,874	..	..	..
Miscellaneous Departments . . .	5,797	3,064	3,394	2,379	2,287	3,000	..	2,797
Civil Works (including Frontier Watch and Ward) . . .	50,98,061	52,90,794	49,90,305	56,20,912	70,98,672	80,30,000	35,31,939	..
Termination Allowances and Pensions	3,44,261	5,14,506	5,47,729	4,89,913	4,58,772	5,05,000	1,60,739	..
Lithography and Printing . . .	1,04,659	93,488	1,25,183	1,06,808	1,00,878	1,15,000	10,341	..
Miscellaneous . . .	67,783	1,20,523	75,204	59,481	71,442	69,000	1,217	..
<b>Total, "Provincial" Subjects . . .</b>	<b>1,67,25,622</b>	<b>1,77,08,959</b>	<b>1,78,68,806</b>	<b>1,91,98,811</b>	<b>2,10,18,645</b>	<b>2,29,14,000</b>	<b>63,95,337</b>	<b>2,06,959</b>
							<b>Net Increase</b>	<b>61,88,378</b>

	Actuals, 1924-25. ₹	Actuals, 1925-26. Rs.	Actuals 1926-27. Rs.	Actuals, 1927-28. Rs.	Actuals, 1928-29. Rs.	Budget, 1929-30. Rs.	Increase. Rs.	Decrease Rs.
Territorial and Political Pensions . . .	53,126	49,777	51,231	47,636	44,840	48,000	..	5,126
Customs . . . . .	8,949	12,928	13,014	13,729	14,370	15,000	6,051	..
Taxes on Income . . . . .	53,213	57,327	61,896	70,841	70,167	77,000	23,787	..
Interest on ordinary Debt (excluding Commercial Departments) . . . . .	-8,14,466	-8,36,045	-8,31,694	-8,34,440	-8,48,337	-8,75,000	..	60,53
Ecclesiastical . . . . .	96,446	75,295	88,645	87,625	88,211	82,000	..	14,441
Political . . . . .	22,10,614	21,54,613	22,55,070	22,64,822	23,86,565	24,46,000	2,35,336	..
Frontier Watch and Ward (excluding Works) . . . . .	92,68,922	98,89,648	97,66,877	94,95,768	93,83,596	95,62,000	2,93,078	..
Currency . . . . .	2,449	5,340	3,134	3,138	3,829	5,000	2,551	..
Total, "Central" Subjects . . . . .	1,08,79,253	1,14,08,883	1,14,07,973	1,11,49,119	1,11,43,241	1,13,60,000	5,60,853	80,10
						Net Increase	4,80,747	
Grand Total . . . . .	2,76,04,875	2,91,17,842	2,92,76,779	3,03,47,930	3,21,61,886	3,42,74,000	69,56,190	2,87,06
						Net Increase .	66,69,125	

2. The reasons for the more important variations of expenditure under various heads of account are discussed below :—

(i) *Land Revenue*.—The decrease of 1,13 is due to a lull in settlement operations, which should continue for several years to come.

(ii) *Excise*.—Of the total increase of 5,47, as much as 4,47 represents payments to the Governments of the Punjab and United Provinces on account of still-head duty on liquor, imported from those provinces, which is consumed in the North-West Frontier Province. This is the result of the adoption of the new principle that duty must follow consumption, and the payments should ordinarily be counterbalanced by increased revenue from duty credited under the revenue head. A further increase of 48 is purely nominal; being the result of a charge to this head, instead of to a debt head, of the cost of opium supplied to the Excise Department. This also is covered by increase of revenue under Excise.

The balance of the increase is due to the revision of the pay of the Excise staff and to measures designed to prevent the smuggling of *charas*.

(iii) *Forest*.—The increase of 3,01 may be ascribed generally to an expansion of activity in the development and exploitation of the forests, which was expected to produce in 1929-30 revenue increased by 2,80 compared with that of 1924-25. The new expenditure was mainly incurred in connection with timber extrac-

tion and resin and fuel operations; which, together with the effect of normal increments, involved increased expenditure of 66 on establishments. There was also a small new charge of 19 for interest on capital outlay.

It may be mentioned that the anticipations of increased revenue were not wholly realised. The revised estimates of 1929-30 foresaw a fall in revenue by 1,24 below the budget estimate. The more optimistic forecast was, however, repeated in the budget of 1930-31.

(iv) *Irrigation*.—The decrease of 28 is not a true decrease. The outlay of 1924-25 included unusual expenditure of 4,26 in connection with erosion by the action of the Indus at Dera Ismail Khan. On the other hand, the budget for 1929-30 contained provision of 2,00 for drainage and construction and of 51 for the restoration of an abolished second division, both of which are expected to prove remunerative; as well as for the complete cost of a special temporary staff, costing 1,59, to survey irrigation possibilities in the North-West Frontier Province and Baluchistan. The true recurring expenditure has increased by rather less than a lakh.

(v) *General Administration*.—Of the total increase of 1,83, a sum of 85 is nominal, being due to the classification as revenue of recoveries, in connection with copying fees, which were formerly taken in reduction of expenditure. A further sum of 7 represents provision for the cost of priced publications, and is covered by

increased revenue under the head Stationery and Printing. Of the balance, 29 is the growth of cost of the local Secretariat, 36 relates to the office of the Revenue Commissioner, and about half a lakh is an increase, on account of revision of pay and accrual of increments, in the cost of district establishments; set off by a reduction of 36 under Works and Contingencies.

(vi) *Administration of Justice.*—Of the total growth of 2,02, a sum of 48 is due to the appointment of an additional Judicial Commissioner with his staff; 93 to increments, revisions of pay, increase of staff and over-provision for leave salary under Civil and Sessions Courts; and 51 to the growth of work in Criminal Courts. The balance was the result of various minor changes.

(vii) *Jails and Convict Settlements.*—The increase of 2,18 may be generally ascribed to the growth of the jail population; as much as 1,69 being due to increased outlay on diet and on Supplies and Services, and the bulk of the balance to increase of staff and to increments. There was, however, an increase of 35 under the sub-head Jail Manufactures, due to a larger demand for jail-made articles. Some part, at least, of this came back as revenue.

(viii) *Police.*—The total increase is 2,46. Of this, 31 represents the provision for grain compensation allowance made in the budget of 1929-30. The balance of 2,15 is almost equally divided between (1) the expansion of the Police force and (2) the revision of pay and allowances on the lines followed in the Punjab. There is a minor increase of 13 in expenditure on telephone connections, and falls of 27 and 37 under Training of Probationers and Equipment respectively.

(ix) *Education.*—The principal factors of the growth of 8,45 are the following:—

- |  |      |
|--|------|
| (a) Increased grants to the Islamia (1,23) and other colleges. | 1,63 |
| (b) Expenditure under the "five-year Programme"                | 5,50 |
| (c) Expansion of primary education not included in (b)         | 71   |

97 under (a) and 3,21 under (b) represent non-recurring expenditure.

(x) *Medical.*—The growth of 55 is largely fictitious. Recoveries from local bodies totalling 48, which would have been brought to account in 1924-25 by deduction from expenditure, were credited as revenue in the budget of 1929-30.

(xi) *Public Health.*—In the year 1924-25, a grant of 80 was made for a Water

Supply Scheme in the Hazara District. Leaving this out of account, there is a true increase of 17; of which 8 is due to the institution of a system of medical inspection for school children.

(xii) *Agriculture, etc.*—Of the growth of 85, a sum of 22 is due to the assumption by the province of responsibility for its own Veterinary work, for which it had previously relied upon the Punjab Government, and 55 to the initiation of a Co-operative Credit Department

(xiii) *Civil Works.*—Of the total increase of 35,32, as much as 21,65 is under the sub-head Original Works. The budget for 1929-30 included provision of 43,00 for this object; of which 14,16 appears under Civil Works and the balance under Frontier Watch and Ward. It is obvious, therefore, that the requirements of frontier defence are responsible for most of the growth. Under Civil Works proper, there is provision of 2,57 for a new central jail, of which 20 lakhs still remain to be spent; of 1,22 for works connected with the five-year educational programme; and of 6,42 for the construction, improvement and bridging of roads unconnected with Defence.

There is a growth of 10,16 under Repairs, which is a natural result of the active construction of the past six years; and an increase of 2,59 under Establishment. It may be noted that the establishment charges of 1929-30 bear a percentage of 12·6 to the total outlay on Works and Repairs; whereas the corresponding percentage of 1924-25 was as great as 15·8.

(xiv) *Superannuation Allowances and Pensions.*—There is a growth of 1,61; and it will be noticed that the real increase took place between the years 1924-25 and 1925-26. It was due partly to an increase in the rates of pension of Frontier Militia, and partly to a transfer to this budget of payments made to other Governments in respect of commuted value of pensions.

(xv) *Taxes on Income.*—The increase of 24 is due to the expansion of staff owing to growth of work and to the accrual of normal increments.

(xvi) *Interest.*—The minus figure under this head represents the difference between the amount of interest debitable to the Irrigation and other commercial accounts of the province and the sums actually paid out to inhabitants of the province as interest on public debt held by them. It has inevitably grown with the expansion of capital expenditure,

(xvii) *Ecclesiastical*.—The decrease of 14 is set off by a larger increase in sterling charges, due to the introduction of sterling overseas pay.

(xviii) *Political*.—Of the growth of 2,25 a sum of 30 represents a transfer from the military budget; while the civil budget of 1929-30 included provision for special non-recurring charges of 70. There was an increase of 30 under political subsidies, representing a subsidy payable to His Highness the Mehtar of Chitral. The balance of about a lakh was the result of the expansion of establishments and revision of pay.

(xix) *Frontier Watch and Ward*.—The increase of 2,93 is mainly due to the following items:—

(a) Provision for grain compensation allowance . . . . .	78
(b) Grant of bonus to members of the Waziristan Corps after six years' service . . . . .	37
(c) Revision of pay of officers . . . . .	70

Of these (a) may be regarded as non-recurrent. The balance is the *net* result of a number of small items.

3. To summarise the history of expenditure on what may be called provincial subjects, it may be stated that the gross increase is 61,88. To this should be added 5,06, being unusual non-recurrent items which appeared in the accounts of 1924-25, making a total of 66,94. On the other hand, the budget of 1929-30 made no provision for recoveries amounting to 6,35 which are now credited as revenue, while a further sum of 30 represents a transfer from the

military budget. This leaves a *net* increase of about 60 lakhs. Of this:—

- Expenditure of 5,52 under Forests and Irrigation is expected to prove remunerative.
- 35,52 under Civil Works is largely due to the requirements of the defence of the north-west frontier of India, which is properly classed as a central subject.
- A further sum of about 5,50 is purely non-recurrent expenditure.
- The balance of about 11,50 is due in the main to general growth of work under General Administration, Administration of Justice, Jails and Police; to the requirements of the five-year programme of educational expansion and to the development of Veterinary and Co-operative Services.

4. The growth by 4,81 of outlay on the central subjects proper is almost entirely due to the increase of Political expenditure and expenditure on the defence of the frontier.

5. In order to obtain a clear idea of the financial position of the Province as a whole, it is desirable to compare its revenue with its expenditure. The following table has accordingly been prepared showing the revenue accruing under various heads in each year of the series. In this case also the revenue from those subjects which would, in a Governor's province, be classed as central has been shown in a separate section.

TABLE B.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase. Rs.	Decrease. Rs.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Land Revenue . . . . .	21,95,542	21,87,198	24,16,024	22,94,818	19,84,540	21,88,000	..	7,541
Excise . . . . .	5,38,112	5,64,651	4,88,777	15,41,325	11,65,912	9,95,000	4,56,888	..
Stamps . . . . .	12,13,874	11,89,331	11,29,926	11,28,801	11,51,849	11,62,000	..	51,871
Forest . . . . .	6,69,767	7,44,207	7,91,166	7,56,700	8,29,377	9,50,000	2,80,233	..
Registration . . . . .	83,224	85,401	80,712	77,270	77,620	79,000	..	4,224
Irrigation . . . . .	16,43,491	17,51,446	21,10,696	17,53,504	15,71,375	21,06,000	4,62,509	..
Administration of Justice . . . . .	2,82,586	2,39,022	2,38,345	2,58,637	2,27,146	2,39,000	..	43,586
Jails and Convict Settlements . . . . .	1,10,306	1,12,935	1,12,967	1,22,793	1,19,328	1,24,000	13,604	..
Police . . . . .	23,826	15,163	30,937	46,369	55,047	46,000	22,174	..
Education . . . . .	74,486	36,618	44,152	50,322	55,615	56,000	..	18,486
Medical . . . . .	1,669	1,381	737	1,412	49,948	48,000	46,331	..
Public Health . . . . .	197	927	1,002	2,539	1,843	2,000	1,803	..
Agriculture . . . . .	35,659	85,465	53,288	13,949	30,176	39,000	3,341	..
Industries . . . . .	379	..	..	..	..	..	..	37
Miscellaneous Departments . . . . .	471	1,458	2,064	899	3,313	1,000	529	..
Civil Works . . . . .	74,388	54,379	67,310	74,270	63,071	67,000	..	7,388
Receipts in aid of Superannuation . . . . .	73,589	1,03,663	73,633	46,237	36,185	37,000	..	36,589
Stationery and Printing . . . . .	18,480	33,260	41,740	15,220	26,233	47,000	28,520	..
Miscellaneous . . . . .	4,88,658	3,85,352	4,28,172	3,93,014	4,68,837	5,78,000	89,342	..
<b>Total, " Provincial " Subjects</b> . . . . .	<b>75,28,704</b>	<b>75,31,857</b>	<b>81,11,648</b>	<b>85,77,679</b>	<b>79,17,415</b>	<b>87,64,000</b>	<b>14,05,364</b>	<b>1,70,068</b>
						<b>Net Increase</b>	<b>12,35,296</b>	

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Customs . . . . .	1,378	2,568	2,206	2,358	1,407	2,000	622	..
Taxes on Income . . . . .	6,54,816	7,85,398	10,09,711	9,85,281	9,72,587	8,84,000	2,29,184	..
Opium . . . . .	72,480	68,600	..	..	..	..	..	72,480
Interest . . . . .	49,214	46,080	75,742	1,23,415	92,154	1,09,000	59,786	..
Currency . . . . .	8,853	9,234	6,860	7,028	6,064	7,000	..	1,853
Total, "Central" Subjects . . . . .	7,86,741	8,11,880	10,94,519	11,18,082	10,72,182	10,02,000	2,89,592	74,333
							Net Increase	2,15,259
Grand Total . . . . .	83,15,445	84,43,737	92,06,167	96,95,761	89,89,607	97,66,000	16,94,956	2,44,401
							Net Increase	14,50,555

It may be mentioned that the increase of receipts shown in the above table under Excise and Medical is purely nominal, being due to a reclassification of recoveries; while that under Forests and Irrigation is covered by a specific increase of expenditure which was designed to produce it. This reduces the true increase of revenue from 14,51 to the neighbourhood of 2 lakhs.

6. The net expenditure of the two years 1924-25 and 1929-30 (budget) may suitably be compared as in the following table; in which revenue is shown *net* after deducting the cost of collection, etc., and expenditure after deducting incidental receipts. The figures are in thousands of rupees.

TABLE C.

Head.	Revenue Heads <i>Net</i> .			Head.	Expenditure Heads <i>Net</i> .		
	Actuals, 1924-25.	Budget, 1929-30.	Increase (+) or Decrease (-).		Actuals, 1924-25.	Budget, 1929-30.	Increase (+) or Decrease (-).
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Land Revenue . . . . .	15,52	16,57	+1,05	Irrigation . . . . .	7,93	3,02	-4,91
Excise . . . . .	5,04	4,14	-90	General Administration . . . . .	16,33	18,16	+1,83
Stamps . . . . .	11,85	11,30	-55	Administration of Justice . . . . .	2,79	5,25	+2,46
Forest . . . . .	81	60	-21	Jails . . . . .	4,82	6,86	+2,04
Registration . . . . .	72	64	-8	Police . . . . .	26,78	29,02	+2,24
Miscellaneous . . . . .	4,89	5,78	+89	Scientific Departments . . . . .	4	5	+1
				Education . . . . .	11,01	19,64	+8,63
				Medical . . . . .	3,92	4,02	+10
				Public Health . . . . .	1,72	1,07	-65
				Agriculture, etc . . . . .	92	1,74	+82
				Miscellaneous Departments . . . . .	5	2	-3
				Civil Works . . . . .	50,24	85,63	+35,39
				Pensions . . . . .	2,70	4,68	+1,98
				Stationery and Printing . . . . .	87	68	-19
				Miscellaneous . . . . .	68	69	+1
Total "Provincial" Subjects . . . . .	38,83	39,03	+20		1,30,80	1,80,53	+49,73
				<i>Excess of Expenditure over Revenue</i> . . . . .	91,97	1,41,50	+49,53
Customs . . . . .	-8	-13	-5	Territorial and Political Pensions . . . . .	53	48	-5
Taxes on Income . . . . .	6,02	8,07	+2,05	Interest . . . . .	-8,63	-9,84	-1,21
Opium . . . . .	72	..	-72	Ecclesiastical . . . . .	96	82	-14
Currency . . . . .	6	2	-4	Political . . . . .	22,11	24,46	+2,35
				Frontier Watch and Ward . . . . .	92,69	95,62	+2,93
Total "Central" Subjects . . . . .	6,72	7,96	+1,24		1,07,66	1,11,54	+3,88
				<i>Excess of Expenditure over Revenue</i> . . . . .	1,00,94	1,03,58	+2,64
Gross Total for Province . . . . .	45,55	46,99	+1,44		2,38,46	2,92,07	+53,61
				<i>Excess of Expenditure over Revenue</i> . . . . .	1,92,91	2,45,08	+52,17

7. In scrutinising the totals of expenditure upon "provincial" and "central" subjects, it must be remembered that these are vitiated by the inclusion in the former, under the head Civil Works, of expenditure on frontier works which should properly be charged to the "central" head Frontier Watch and Ward. This amounted to 50,32 in 1929-30. In the accounts of 1924-25, it is impossible to separate it with exactitude from the expenditure on other civil works; but it may be taken to have been in that year in the neighbourhood of 35 lakhs. On this assumption, the growth of "provincial" expenditure should be reduced by 15,32 to 34,41, with a corresponding increase under "central" from 3,88 to 19,20. Similarly, the "provincial" excess of expenditure over revenue is reduced, in 1929-30, to 1,11,18, and

the "central" excess is raised to 1,53,90. The province, as a whole, remains, according to the budget of 1929-30, a deficit province to the extent of nearly 2½ crores of rupees.

8. Looking at the "provincial" figures alone, after making the suggested reduction under Civil Works, it will be seen that the province would require a subvention of 1,11 lakhs to enable it to finance, on its present scale of expenditure, what are classed as provincial subjects in Governors' provinces. Its outlay on these subjects has grown, during the past six years, by 34,41, while its "provincial" revenue has remained, to all intents and purposes, stationary. This anomalous financial position is due to the position of the province as the warden, on behalf of the whole of India, of its north-western frontier.



## Account No. 2.—Baluchistan.

The following table sets forth the rupee expenditure of this administration under each major head of account in each of the six years under review. The sterling expenditure cannot be included, as it is inseparable from that of the Government of India as a whole and the other minor administrations. Here also, the heads of account which would, in the case of a Governor's province, involve, as affecting central subjects, a charge upon the central Government have, with one exception, been shown in a separate group at the end of the table

and a separate total has been deduced for them. The exception is the expenditure on buildings and communications which is now debited to the head Frontier Watch and Ward. Expenditure of this kind, in the earlier years of the series, cannot be distinguished from that incurred upon ordinary Civil Works. Certain services, which were, when the new head Frontier Watch and Ward was created, transferred to it from the heads General Administration, Police and Medical Services have, however, been shown under the new head throughout in order to facilitate comparison.

TABLE A.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Land Revenue . . . . .	2,82,469	2,95,353	3,00,889	3,02,717	3,84,620	3,39,000	1,06,531	..
Excise . . . . .	15,344	30,460	25,165	31,954	39,020	51,000	35,656	..
Stamps . . . . .	2,616	2,465	2,467	5,045	9,151	5,000	2,384	..
Forest . . . . .	30,478	31,358	32,422	34,018	36,878	37,000	6,522	..
Registration . . . . .	2,824	2,701	2,786	2,809	3,254	3,000	176	..
Irrigation . . . . .	1,96,903	2,20,994	2,25,810	2,46,908	2,98,192	4,91,000	2,94,097	..
General Administration . . . . .	1,64,425	1,94,151	1,86,111	1,89,735	1,73,950	1,64,000	..	425
Administration of Justice . . . . .	46,661	50,033	67,355	69,770	78,317	80,000	33,339	..
Jails and Convict Settlements . . . . .	70,071	76,031	95,938	1,18,003	1,25,550	1,30,000	59,929	..
Police . . . . .	11,05,446	11,28,386	11,32,548	11,44,788	11,01,785	11,99,000	93,554	..
Scientific Departments . . . . .	9,823	10,967	11,231	12,384	11,426	11,000	1,177	..
Education . . . . .	2,32,934	2,78,474	2,79,123	3,08,350	3,34,589	3,42,000	1,09,066	..
Medical . . . . .	3,00,653	2,96,925	3,12,803	3,22,820	3,26,441	3,39,000	38,347	..
Public Health . . . . .	14,427	13,418	13,965	18,619	17,432	15,000	573	..
Agriculture, etc. . . . .	71,752	80,579	1,06,032	1,64,487	1,07,484	1,00,200	28,448	..
Miscellaneous Departments . . . . .	3,355	8,347	3,366	1,543	14,344	19,000	15,645	..
Civil Works (including Buildings and Communications under Frontier Watch and Ward) . . . . .	9,62,877	10,83,439	11,22,249	14,21,479	18,13,196	26,74,000	17,11,123	..
Famine Relief . . . . .	..	1,02,611	..	..	..	..	..	..
Superannuation Allowances and Pensions . . . . .	91,400	1,31,915	95,885	89,165	68,339	91,000	..	400
Stationery and Printing . . . . .	1,964	958	1,405	990	1,000	1,000	..	964
Miscellaneous . . . . .	6,01,636	2,73,165	2,73,912	2,59,242	2,33,356	2,64,000	..	3,37,636
<b>Total " Provincial " Subjects . . . . .</b>	<b>42,08,058</b>	<b>43,12,730</b>	<b>42,91,462</b>	<b>47,44,826</b>	<b>51,78,324</b>	<b>64,05,200</b>	<b>25,36,567</b>	<b>3,39,425</b>
						<i>Net Increase .</i>	<b>21,97,142</b>	
Customs . . . . .	..	13,140	14,881	13,554	11,691	13,000	13,000	..
Taxes on Income . . . . .	10,725	12,497	13,558	16,554	16,163	19,000	8,275	..
Opium . . . . .	152	345	..	..	..	..	..	152
Ecclesiastical . . . . .	34,174	31,293	38,172	27,541	30,574	34,000	..	174
Political . . . . .	15,75,111	14,31,829	14,62,305	15,09,409	15,49,998	15,99,000	23,889	..
Frontier Watch and Ward (ex- cluding Works) . . . . .	25,04,493	25,45,738	26,48,880	27,25,200	27,92,324	30,25,000	5,20,507	..
Currency . . . . .	1,011	912	1,240	997	1,528	1,000	..	11
Territorial and Political Pensions . . . . .	45,764	35,899	36,461	36,175	36,954	37,000	..	8,764
<b>Total " Central " Subjects . . . . .</b>	<b>41,71,430</b>	<b>40,71,453</b>	<b>42,15,497</b>	<b>43,29,430</b>	<b>44,39,232</b>	<b>47,28,000</b>	<b>5,65,671</b>	<b>9,101</b>
						<i>Net Increase .</i>	<b>5,65,670</b>	
<b>Grand Total . . . . .</b>	<b>83,79,488</b>	<b>83,84,183</b>	<b>85,06,959</b>	<b>90,74,256</b>	<b>96,17,556</b>	<b>1,11,33,200</b>	<b>31,02,238</b>	<b>3,48,526</b>
						<i>Net Increase .</i>	<b>27,53,712</b>	

2. The more important variations under individual major heads of account are discussed below.

(a) *Land Revenue* ..... +1,07

Of this increase, as much as 70 is purely nominal. The debit as expenditure of certain cash assignments and grain allowances, which were formerly brought to account by deduction from revenue received, caused an apparent growth of 58; while a provision of 12 for Works represents a transfer from the head General Administration. The most important factors in the real increase of 37 are increased provision of 13 under leave-salary and of 13 under Allowances. The latter is due to the revision of travelling allowance rates and to the grant of compensatory allowances to establishment serving in certain remote areas.

(b) *Excise* ..... +36

There is a nominal increase of 19 due to a change of accounting procedure. Under the system previously in force, both the cost price of opium and its sale proceeds were taken to remittance heads; the *net* profit alone being subsequently credited as revenue under Opium. At present, the gross cost price (19) is debited to this head and the gross sale proceeds are credited to the revenue head Excise. The balance of the increase is mainly due to additions to establishment and revisions of pay.

(c) *Irrigation* ..... +2,94

There is a growth of 2,09 under Capital expenditure charged to Revenue, and of 1,10 under revenue expenditure on Works, which represents the cost of measures undertaken to conserve the water-supply of Baluchistan. These measures are not expected to produce additional revenue. Further provision of 50 is made for a temporary and experimental expansion of staff. On the other hand, there is a *minus* provision of 50 for probable savings. The budget of 1930-31 contained a further sum of 3,86 for the completion of the works under the Capital sub-head.

(d) *Administration of Justice* . . +33

A nominal growth of 29 was caused by the transfer from the head Political of the cost of an Extra Assistant Commissioner working as Additional District Magistrate and Additional District Judge.

(e) *Jails and Convict Settlements* . +60

The increase is due to the fact that the administration has begun to meet the cost of its own long-term convicts.

These are now maintained, at the expense of Baluchistan, in various Indian jails, pending the completion of a central jail which is under construction at Mach.

(f) *Police* . . . . . +94

A provision of 39 was made in the budget of 1929-30 for non-recurring expenditure on the re-arming of the Zhob Loralai Police. A further increase of 84 represents the cost of accrual of normal increments and excessive provision for leave-salary in an over-estimated budget. A deduction of 35 was, however, made for probable savings; and the revised estimates anticipated a total saving of 71, thus reducing the growth of expenditure under the head to 58.

(g) *Education* . . . . . +1,09

The following table shows the distribution of the educational expenditure of the administration over the principal branches of education in the first and last years of the period:—

	Actuals, 1924-25.	Budget, 1929-30.
Secondary . . . . .	1,05	1,77
Primary . . . . .	68	1,02
Special . . . . .	16	30
Direction and General Works . . . . .	44	65
Probable Savings . . . . .	..	8
	2,33	3,42

The expenditure on Works is a mere transfer from the head General Administration, to which all such charges were previously debited, and the deduction for probable savings must be distributed over the other sub-heads of account. Leaving the deduction out of consideration, there has been a growth of 72 under Secondary, of 34 under Primary and of 14 under Special Education, and an increase of 21 under Direction and General, of which 11 is due to the grant of additional scholarships.

The greater part of this growth was the result of the five-year programme of educational development, which was responsible for the following provision in the budget of 1929-30:—

	Recurring.	Non-recurring.
Secondary . . . . .	23	22
Primary . . . . .	12	..
Special . . . . .	15	..
Direction and General . . . . .	8	..
	58	22

It will be noticed that primary education received no more than 15 *per cent.* of the programme distribution, and that

the total outlay on this class of education is less than 27 per cent. of the total expenditure under the head. The similar percentages for secondary education are 56 and 46.

(h) *Medical Services* . . . . . +38

Expenditure of 20 incurred in 1924-25 upon services which are now a charge against the head Frontier Watch and Ward has been omitted from the figures of that year. The growth of 38 is mainly due to expansion of establishments, but partly to the accrual of normal increments.

(i) *Agriculture, etc.* . . . . . +28

The increase is due to the extension of the activities of the Civil Veterinary Department.

(j) *Miscellaneous Departments* . . . +16

The appointment of an Inspector of Boilers, Factories and Electricity is the cause of the growth.

(k) *Civil Works* . . . . . +17,11

There has been a growth of 10,05 under Original Works, of 3,58 under Repairs and of 2,26 under Establishment. The provision for works connected with Frontier Watch and Ward in the budget of 1929-30 was 2,01 under Original Works and 5,60 under Repairs; and the bulk of the former and some 3 lakhs of the latter may be taken to constitute new expenditure due to the requirements of the defence of the frontier.

The budget of 1929-30 for ordinary Civil Works provided 7,50 for the completion of the central jail at Mach. The balance of the growth under Repairs is the necessary result of the heavy construction programme of recent years and of the higher standard of road conservation which is now in force. The percentage of cost of Establishment to cost of work done has risen from 21.6 to 23.1 during the period.

(l) *Miscellaneous* . . . . . -3,38

The decrease is mainly due to the fact that the year 1924-25 saw unusual expenditure on the write-off of irrecoverable loans and advances. *Takavi* to the amount of 2,63 was written off, and a lakh of rupees was written off the loan made for the construction of Fort Sandeman bazaar. The net decrease in such remissions is 3,52; so that there has been a true growth of 14 under this head. This was due to increased expenditure on Darbar presents and allowances to Vakils and on grants in aid of libraries, local bodies, etc.

(m) *Customs* . . . . . +13

This increase is nominal only. The expenditure on the Land Customs establishment at Chaman has been transferred to this head from the head Political.

(n) *Political* . . . . . +24

In order to deduce the true increase of expenditure under this head, it is necessary to take into account transfers of 29 and 13 to the heads Administration of Justice and Customs respectively, as well as the fact that the accounts of 1924-25 included unusual outlay of 55 on a railway survey. The real growth of expenditure then becomes 1,21. This is due to the expansion of staff, resulting in enhanced outlay on pay, allowances and contingencies, the revision of pay and the accrual of increments; partly set off by a *minus* provision of 50 for probable savings.

(o) *Frontier Watch and Ward* . . +5,21

This considerable expansion is almost entirely due to increase of establishment in the various constabulary and levy corps employed on the frontier. An increase of 91, on account of temporary additions to the Chagai Levy Corps, will not necessarily recur indefinitely.

3. It is now possible to summarise the principal features of the growth of expenditure. The table shows an increase during the six years of 21,97 in expenditure on "provincial" subjects; of 5,57 in expenditure on "central" subjects; and of 27,54 in both classes of expenditure taken together. In considering the "provincial" totals, it is necessary to leave out of account about 7,60 of the increased outlay on Civil Works, which really appertains to the "central" subject Watch and Ward; increases of 77 under Land Revenue and Excise, which are covered by corresponding additions to revenue; and a sum of 29 under Administration of Justice, which has been transferred from the "central" head Political. The unusual expenditure of 1924-25 under the head Miscellaneous may be set off against non-recurring items of 1929-30 under Irrigation and Police. The true increase of expenditure then becomes 13,31; of which 7,50 represents non-recurring outlay on the construction of a central jail and about 2 lakhs the growth in the ordinarily recurring expenditure under Civil Works. Of the balance of 3,81, a sum of 80 is due to the five-year educational programme; 60 to the arrangements for housing long-term convicts and the residue to minor increases under various heads of account.

4. The true increase under "central" subjects, taking into account 7,60 connected with frontier communications which is included under Civil Works and the transfer of 29 from Political to Administration of Justice, becomes 13,46; and this growth is almost entirely

due to the increased demands of frontier defence.

5. The revenue of the province under various major heads is exhibited in the following table. Here also "provincial" have been entered separately from "central" subjects.

TABLE B.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Land Revenue	9,16,872	9,18,673	9,74,402	9,89,619	10,89,352	10,56,000	1,39,128	..
Excise	6,42,817	6,06,365	5,89,810	6,28,188	6,37,001	5,95,000	..	47,817
Stamps	1,95,240	1,90,064	1,66,109	1,79,659	1,93,307	1,88,000	..	7,240
Forest	20,593	23,622	27,942	29,867	23,425	25,000	4,407	..
Registration	5,239	5,454	6,568	5,738	6,711	7,000	1,761	..
Irrigation	75,317	49,180	35,932	73,897	79,746	55,000	..	20,317
Administration of Justice	32,348	34,902	27,533	31,808	32,324	32,000	..	348
Jails and Convict Settlements	2,486	3,450	3,848	5,319	5,462	5,000	2,514	..
Police	5,680	12,211	8,440	13,872	10,541	10,000	4,329	..
Education	34,264	39,562	41,545	42,590	44,980	46,000	11,736	..
Medical	8,696	7,903	5,621	7,464	6,573	7,000	..	1,096
Agriculture, etc.	13,145	10,740	20,930	17,586	11,988	18,000	4,855	..
Miscellaneous Departments	46	93	58	1,371	—773	..	..	..
Civil Works	50,618	42,866	59,039	44,980	48,281	48,000	..	2,618
Receipts in aid of Superannuation	12,715	11,696	14,171	15,936	16,196	19,000	6,285	..
Stationery and Printing	250	212	180	168	166	4,000	3,750	..
Miscellaneous	21,930	31,129	38,327	93,351	50,552	51,000	29,070	..
<b>Total "Provincial" Subjects</b>	<b>20,38,256</b>	<b>19,88,122</b>	<b>20,20,455</b>	<b>21,81,413</b>	<b>22,55,832</b>	<b>21,66,000</b>	<b>2,07,826</b>	<b>80,082</b>
							<i>Net Increase</i>	
								1,27,744
Customs	..	..	473	1,450	1,729	1,000	1,000	..
Taxes on Income	98,579	1,99,432	1,64,106	1,78,066	1,82,036	1,75,000	76,421	..
Salt	362	213	180	180	200	..	..	362
Opium	14,110	3,304	..	..	..	..	..	14,110
Currency	1,415	1,650	1,311	1,459	1,529	1,000	..	415
<b>Total "Central" Subjects</b>	<b>1,14,466</b>	<b>2,04,599</b>	<b>1,66,070</b>	<b>1,81,155</b>	<b>1,85,494</b>	<b>1,77,000</b>	<b>77,421</b>	<b>14,887</b>
							<i>Net Increase</i>	
								62,534
<b>Grand Total</b>	<b>21,52,722</b>	<b>21,92,721</b>	<b>21,86,525</b>	<b>23,62,568</b>	<b>24,41,326</b>	<b>23,43,000</b>	<b>2,85,247</b>	<b>94,969</b>
							<i>Net Increase</i>	
								1,90,278

6. It will be seen that "provincial" revenue has risen during the period by 1,28; "central" revenue by 62; and the total by 1,90. The most prominent features are growths of 1,39 under Land Revenue and of 76 under Taxes on Income, and a decrease of 48 in Excise revenue. The latter, which has occurred in spite of the additions mentioned in paragraph 2 (b) above, may be ascribed

to an appreciable reduction in the provincial consumption of country liquor.

7. The net expenditure of the province in the first and last years of the series is compared in the following table; in which revenue is shown net after deducting the cost of collection and expenditure after subtracting incidental receipts.

TABLE C.

Head.	Revenue Heads <i>Net</i> .			Increase (+) or Decrease (—).	Head.	Expenditure Heads <i>Net</i> .			Increase (+) or Decrease (—).
	Actuals, 1924-25.	Budget, 1929-30.				Actuals, 1924-25.	Budget, 1929-30.		
Land Revenue	6,35	6,67	+32	Irrigation	1,22	4,36	+3,14		
Excise	6,28	5,44	—84	General Administration	1,64	1,64	..		
Stamps	1,92	1,83	—9	Administration of Justice	15	48	+33		
Forest	—9	—12	—3	Jails	68	1,25	+57		
Registration	2	4	+2	Police	10,98	11,89	+91		
				Scientific Departments	10	11	+		
				Education	1,99	2,96	+97		
				Medical	2,92	3,32	+40		
				Public Health	14	15	+		
				Agriculture	59	82	+23		
				Miscellaneous Departments	3	19	+16		
				Civil Works	9,12	26,26	+17,14		
				Superannuation Allowances and Pensions	78	72	—6		
				Stationery and Printing	2	—3	—5		
				Miscellaneous	5,80	2,13	—3,67		
<b>Total "Provincial" Subjects</b>	<b>14,48</b>	<b>13,86</b>	<b>—62</b>		<b>36,16</b>	<b>56,25</b>	<b>+20,09</b>		
				<i>Excess of Expenditure over Revenue</i>		<b>21,68</b>	<b>42,39</b>	<b>+20,71</b>	

Revenue Heads <i>Net</i> .				Expenditure Heads <i>Net</i> .			
Head.	Actuals, 1924-25.	Budget, 1929-30.	Increase (+) or Decrease (—).	Head.	Actuals, 1924-25.	Budget, 1929-30.	Increase (+) or Decrease (—).
Customs . . . . .		—12	—12	Territorial and Political Pensions	46	37	—9
Taxes on Income . . . . .	88	1,56	+68	Ecclesiastical . . . . .	34	34	..
Opium . . . . .	14	..	—14	Political . . . . .	15,75	15,99	+24
				Frontier Watch and Ward . . . . .	25,04	30,25	+5,21
Total "Central" Subjects	1,02	1,44	+42		41,59	46,95	+5,36
				<i>Excess of Expenditure over Revenue</i>	40,57	45,51	+4,94
Gross Total of Province	15,50	15,30	—20		77,75	1,03,20	+25,45
				<i>Excess of Expenditure over Revenue</i>	62,25	87,90	+25,65

8. The provision shown against Civil Works in 1929-30 includes a sum of 9,48 for buildings and communications required in connection with Frontier Watch and Ward. Omitting this from consideration, the excess of "provincial" expenditure over "provincial" revenue anticipated in the budget for that year was as much as 32,49. If the non-recurring provision for the construction of the central jail and of certain irrigation works be left out of account, the excess still remains very nearly as great as the gross "provincial" revenue. Prac-

tically the entire *net* revenue is spent upon Police and Jails. It is clear that the province has little hope of becoming, in the near future, self-supporting even in respect of what may be called the ordinary provincial subjects. In order to finance these, it requires an annual subsidy from the rest of India amounting to approximately 20 lakhs of rupees; while the requirements of political relations and of the defence of the frontier entail an additional subvention of over half a crore.

## Account No. 3—Delhi.

The following table shows the expenditure of the Delhi Province under each major head of account in each of the six years under review. As in the case of other administrations, the expenditure on subjects which are, in Governors' provinces, central subjects is grouped separately at the end of the table.

Expenditure on Interest has been omitted from the table, as the sums actually disbursed from the Delhi treasury can not be separated from the balance of the outlay recorded under India General. The omission is of no real importance, since disbursements of this kind have no actual reference to the needs of the Delhi Province.

TABLE A.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Land Revenue . . . . .	40,925	45,408	52,726	56,934	58,015	63,400	22,475	..
Excise . . . . .	12,057	3,61,536	3,40,721	3,82,767	3,67,636	3,68,400	3,56,343	..
Stamps . . . . .	7,151	8,314	8,283	7,820	31,885	10,000	2,849	..
Forest . . . . .	..	..	..	6,713	8,896	10,300	10,300	..
Registration . . . . .	8,233	7,656	5,729	3,654	3,925	4,200	..	4,039
Irrigation . . . . .	50,556	30,913	6,273	5,184	1,625	..	..	50,556
General Administration . . . . .	3,28,426	3,15,008	3,08,980	3,25,941	3,68,363	3,84,800	56,374	..
Administration of Justice . . . . .	1,70,837	2,13,449	2,37,231	2,40,820	2,50,429	2,54,700	63,863	..
Jails and Convict Settlements . . . . .	1,47,380	1,24,187	1,28,089	1,26,972	1,40,718	1,39,200	..	8,186
Police . . . . .	7,87,486	7,99,409	8,38,450	8,88,163	9,49,853	9,84,500	1,97,014	..
Scientific Departments . . . . .	607	..	..	..	..	..	..	607
Education . . . . .	5,26,476	5,81,148	6,17,708	8,07,896	9,19,276	9,78,500	4,52,024	..
Medical . . . . .	3,37,363	5,08,098	5,44,820	5,17,695	5,31,664	5,45,500	2,08,137	..
Public Health . . . . .	27,396	65,703	1,43,154	2,21,248	1,96,011	2,02,000	1,74,604	..
Agriculture, etc. . . . .	13,661	30,892	52,323	47,132	52,054	63,200	49,539	..
Industries . . . . .	9,628	10,074	11,833	13,613	25,243	28,000	18,372	..
Miscellaneous Departments . . . . .	169	1,140	2,225	2,990	3,256	3,300	3,131	..
Civil Works . . . . .	12,32,016	8,99,218	37,05,743	33,52,016	38,85,768	48,86,000	36,03,984	..
Superannuation Allowances and Pensions . . . . .	2,06,113	4,09,120	3,00,377	3,59,258	3,12,326	3,23,000	1,16,887	..
Stationery and Printing . . . . .	2,874	3,015	1,127	1,555	1,786	3,100	226	..
Miscellaneous Charges . . . . .	4,20,201	3,98,169	3,68,505	3,74,230	3,64,058	3,87,200	..	33,001
<b>Total " Provincial " Subjects</b> . . . . .	<b>43,79,553</b>	<b>48,12,454</b>	<b>76,74,297</b>	<b>77,42,601</b>	<b>84,72,958</b>	<b>96,39,300</b>	<b>53,56,124</b>	<b>96,371</b>
							<i>Net Increase</i>	<i>52,59,747</i>
Taxes on Income . . . . .	24,639	42,920	47,205	56,462	65,501	68,000	43,361	..
Ecclesiastical . . . . .	30,276	26,404	20,856	25,305	18,204	20,800	..	9,470
Political . . . . .	3,269	163	1,418	7,567	9,281	14,000	10,731	..
Currency . . . . .	7,983	8,919	9,485	29,843	16,479	35,400	27,417	..
Territorial and Political Pensions . . . . .	47,500	46,741	50,817	49,476	49,020	51,000	3,500	..
<b>Total " Central " Subjects</b> . . . . .	<b>1,13,677</b>	<b>1,25,147</b>	<b>1,29,781</b>	<b>1,68,653</b>	<b>1,59,485</b>	<b>1,89,200</b>	<b>85,009</b>	<b>9,470</b>
							<i>Net Increase</i>	<i>75,533</i>
<b>Grand Total</b> . . . . .	<b>44,93,220</b>	<b>49,37,601</b>	<b>78,04,078</b>	<b>79,11,254</b>	<b>86,31,443</b>	<b>98,28,500</b>	<b>54,41,133</b>	<b>1,05,841</b>
							<i>Net Increase</i>	<i>53,35,280</i>

2. The more important variations under individual heads of account are examined below :—

(a) *Land Revenue* . . . . . +22

An increase of 18 is the result of the transfer to Government management of certain *nazul* lands in Delhi city which were formerly controlled by the local Municipality. The additional expenditure, together with a compensatory grant made to the Municipality for loss of revenue, is counterbalanced by a growth of receipts under the revenue head Land Revenue and other heads.

(b) *Excise* . . . . . +3,56

This increase is nominal only, being covered by a corresponding growth of revenue. In pursuance of the accepted policy that the still-head duty on country liquor should accrue to the province in which it is consumed, the province of Delhi now receives as revenue the duty on the liquor which it imports from the United Provinces and the Punjab. In return, it pays to those two provinces compensation calculated upon the revenue from this source which they received in the three years prior to the reforms of 1921. The compensation payable is 2,90 in the case of the Punjab and 22 in that of the United Provinces, or 3,12 in all. Owing to an increase in rates of duty, the amount received by Delhi as revenue exceeds the compensation.

A further sum of 40 under this head represents the cost price of opium purchased from the Ghazipur Factory. This was formerly charged to a remittance head, the *net* profit on sales being alone credited as revenue. As a result of a change of classification, both revenue and expenditure are now charged in gross to the service head Excise. The apparent growth of expenditure is therefore covered by a corresponding increase of revenue.

(c) *Forest* . . . . . +10

This increase is due to two items. Provision of 8 is made for the afforestation of the Southern Ridge, and of 2 for the training of students at Dehra Dun.

(d) *Irrigation* . . . . . —51

Pensions of officers and establishments of the Irrigation Department, which

happened to be disbursed from the Delhi treasury, were formerly debited to this head. They have now been transferred to the head Superannuation Allowances and Pensions. Few, if any, of them were earned by service in the Delhi province.

(e) *General Administration* . . . +56

Of this increase, a sum of 33 represents the pay and allowances of certain executive subordinates, which were formerly met from the New Capital grant outside the revenue accounts. This is a new charge against revenue, due to the development of the new city.

The appointment of an additional Extra Assistant Commissioner and two clerks caused an increase of 9.

The balance of 14 is the *net* result of a number of minor changes ; the principal causes of increase being revisions of pay and allowances and the accrual of increments in the normal course.

(f) *Administration of Justice* . . +84

The following are the principal factors in the growth of expenditure :—

- + 36 A new contribution to the Punjab Government for services rendered by its High Court.
- + 4 A contribution to the same Government on account of the training of Delhi officers in commercial law.
- + 10 Increase in the allowances paid to the Public Prosecutor.
- + 9 The cost of additional subordinate judges and munsiffs.
- + 24 Increase in travelling allowance, diet, etc., of witnesses in criminal courts owing to the growth of criminal work.

(g) *Police* . . . . . +1,97

The following are among the chief items which contributed to the increase :—

- + 85 Additions to the police force.
- + 39 Revision of pay and of clothing and equipment grants.
- + 37 Increase in travelling, house-rent and other allowances.
- + 6 Transfer from the head General Administration of the cost of the pay of the translator and stenographer attached to the Criminal Investigation Department.

+ 28 Increase in Railway Police charges. Of this, 12 is a nominal increase; arrear recoveries of this amount having been deducted from the gross expenditure of 1924-25. A further increase of 7 is due to the cessation of recoveries from the East Indian and Great Indian Peninsula Railways when these lines were taken over by the State.

(h) Education . . . . . +4,52

The following table shows the expenditure of the first and last years of the series under review on the various classes of education :—

	Actuals, 1924-25.	Budget, 1929-30.	Increase.
University Education . . . . .	1,51	2,44	93
Secondary Education . . . . .	2,14	3,99	1,85
Primary Education . . . . .	1,15	2,25	1,10
Special Education . . . . .	8	41	33
Direction and General . . . . .	38	69	31
<b>Total</b> . . . . .	<b>5,26</b>	<b>9,78</b>	<b>4,52</b>

Of the total increase of 4,52, as much as 2,74 represents expenditure incurred under the five-year programme of educational development, for which the following provision was made in the budget of 1929-30 :—

	Recurring.	Non-recurring.	Total.
University . . . . .	11	20	31
Secondary . . . . .	62	15	77
Primary . . . . .	1,10	19	1,29
Special . . . . .	23	—	23
Direction and General . . . . .	14	—	14
<b>Total</b> . . . . .	<b>2,20</b>	<b>54</b>	<b>2,74</b>

The balance of the increase is due to steady development, particularly of University and Secondary education. The expenditure on Special education consists mainly of the cost of training schools. Of the present outlay on Direction and General, 30 represents the cost of inspection; 21 that of scholarships; and a provision of 11 is newly made to provide for medical inspection of school children. This inspection is a feature of the five-year programme.

It is noticeable that the present expenditure on primary education is less than 25 per cent. of the total outlay. The area served is, however, largely of an urban nature, and contains an unusually large percentage of well-to-do people who desire higher education for their children.

(i) Medical Services . . . . . +2,08

Of this increase, a sum of 5 is a nominal increase only. It is due to the credit as revenue of recoveries from the Municipality which were formerly brought to account by deduction from expenditure.

A further sum of 1,35 represents additional grants to the Lady Hardinge Medical College; of which no more than 21 can safely be classed as non-recurring.

The cost of training students in the Medical College at Lahore accounts for 22, and provision for the increased medical needs of the new city for a further 16.

The balance of 30 is the net result of a number of minor increases.

(j) Public Health . . . . . +1,75

The principal factors in the growth of expenditure are listed below :—

+ 90 Expansion of Public Health establishment. Of this, 77 is a transfer from the New Capital budget, and represents an increase of revenue charges owing to the development of the new city.

+ 70 Increase of grants in aid of local bodies. The principal item was a grant of 50 to the New Delhi Municipality to assist it in meeting the sanitary needs of the new capital.

+ 5 Cost of additional temporary establishment to cope with epidemic diseases.

+ 10 Expenditure on the new Bacteriological Laboratory. Of this, a sum of 7 is recovered from the Joint Water Board and credited as revenue.

(k) Agriculture, etc. . . . . +50

There is an increase of 20 under grants to local bodies in aid of arboriculture, and of 14 in the cost of the



Superintendent of Gardens and his staff. The balance is made up of a number of minor items.

(l) *Industries* . . . . . +18

This increase is due to the transfer to Government control of the Industrial School which was previously conducted as a municipal institution.

(m) *Civil Works* . . . . . +36,04

The following table gives the figures under the various sub-heads in the first and last years of the series :—

—	Actuals, 1924-25.	Budget, 1929-30.	Increase.	Decrease.
Original Works	68	20,87	20,19	..
Repairs . . .	8,92	9,40	10,48	..
Establishment .	1,15	6,69	5,54	..
Tools and Plant	21	66	45	..
Grants-in-Aid .	52	3,02	2,50	..
Suspense . . .	1,34	72	..	62
<i>Deduct—Pro- bable Savings</i>	..	—2,50	..	2,50
<b>Total</b> . . .	<b>12,82</b>	<b>48,86</b>	<b>39,16</b>	<b>3,12</b>
<i>Net Increase</i>			<b>36,04</b>	

(i) The growth under Original Works is largely the result of the development of the new Capital. The following were the more important items for which provision was made in the budget of 1929-30 :—

- +7,59 Construction of quarters, etc., for Government servants in the new city
- +2,48 Heating, decoration, etc., of the new Secretariat.
- + 1,30 Road surface treatment.
- +1,88 Construction of a Church in the New Cantonment.
- + 2,59 The first instalment of the cost of a combined hospital for the old and the new cities which is estimated to cost 45 lakhs.
- + 1,35 Construction of Police lines.

(ii) The growth under Repairs is, in some measure, the inevitable result of the heavy construction programme of recent years; but a great part of it is due to the transfer to the revenue budget of the cost of maintenance of a number of works which were previously a charge against Capital.

(iii) Establishment has grown with the bulk of work undertaken. The percentage borne by the cost of Establishment to the cost of work done has risen from 12 to 16½ during the period, but

is still low in comparison with the similar percentage of all central areas except the North-West Frontier Province.

(iv) The increase under Grants-in-Aid is made up principally of grants of 2 lakhs for the improvement of the Delhi city mains and of 1 lakh for slum development.

(n) *Superannuation Allowances and Pensions* . . . . . +1,17

As explained against item (d) above, pensions costing 5l have been transferred from the head Irrigation. The bulk of the balance is due to the debit to this head of pensions paid to pensioners of the Posts and Telegraphs Department, which is fully explained in the memorandum (in Part II) on Superannuation Allowances and Pensions. It is offset by increased credits which are not taken in the accounts of the province of Delhi.

(o) *Miscellaneous* . . . . . —33

The reduction occurred under Grants-in-Aid. Grants of 18 and 10 were transferred to the heads Agriculture and Civil Works, respectively, and the cessation of a non-recurring grant of 50 made to the Municipality in 1924-25 was partially set off by a new recurring grant of 40 in compensation for the revenue of *nazul* lands resumed by Government. The latter grant is covered by an increase of receipts under Land Revenue and elsewhere.

(p) *Taxes on Income* . . . . . +43

The increase is due to the re-organisation of the Income-tax staff. A Salary Circle was established in Delhi from the 1st April 1925. During the period under review, the revenue from Taxes on Income has risen by 1,43.

(q) *Political* . . . . . +11

This expenditure consists mainly of the cost of training probationers and has no real connection with the administration of the province.

(r) *Currency* . . . . . +27

The charges are connected with the cost of remittance of treasure and have little relation to provincial administration.

3. In taking a general view of the financial position of Delhi, it is necessary to bear in mind two important facts.

In the first place, the so-called province consists almost entirely of the old city of Delhi and the growing new city which forms the present winter capital of the Government of India. The circle of agricultural land by which these cities are surrounded is so limited in extent as to become relatively insignificant. As a result, the principal sources of provincial revenue are almost entirely urban in character; the chief contributors being Excise, Stamps, Revenue from Town Lands and Taxes on Income; while there are considerable receipts in the shape of rents and the like to set off against the expenditure on Civil Works. The second factor to be borne in mind is the cost of developing the new capital and equipping it, on an adequate scale, with all the ordinary services rendered by governments in India. Incidentally, its proximity to the historic city of Delhi is apt to entail the raising of the standard of administration of the corresponding services in the latter city also; including the subsidisation of municipal services to enable the Municipality to meet the cost of

improvements which are represented as being beyond its means.

4. In summarising the reasons for the growth of "provincial" expenditure during the period under review, it may be stated that, of the gross increase of 52,60, approximately 3,56 under Excise and 1,17 under Pensions may be taken as purely nominal. The demands of General Administration and of Law and Order account for a further 3,37. The physical needs of the new capital, in the shape of buildings and communications, have absorbed as much as 36,04. The balance of approximately 8½ lakhs has gone, in the main, to the development of what are commonly known as the nation-building services in connection with the equipment of Delhi as the winter capital. The growth of "central" expenditure calls for no remark.

5. The following table shows the revenue of the province under each major head of account in each year of the period under review. Here also "provincial" have been separated from "central" subjects.

TABLE B.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Land Revenue . . . . .	3,41,397	3,94,709	4,15,152	4,33,660	3,49,452	3,08,700	..	32,697
Excise . . . . .	3,87,541	6,12,049	8,59,172	8,97,109	9,46,400	7,60,800	3,73,259	..
Stamps . . . . .	7,17,642	7,72,181	8,23,605	7,25,490	7,18,692	7,59,300	41,658	..
Registration . . . . .	48,232	49,527	43,757	43,901	49,046	44,400	..	3,832
Irrigation . . . . .	3,169	3,740	2,587	2,214	568	2,200	..	969
Administration of Justice . . . . .	28,462	23,864	51,841	45,506	50,713	45,600	17,138	..
Jails and Convict Settlements . . . . .	22,210	27,660	21,727	28,368	16,255	19,000	..	3,210
Police . . . . .	18,896	20,616	5,744	23,245	28,302	22,900	4,004	..
Education . . . . .	13,816	18,903	45,736	48,362	49,550	43,700	29,884	..
Medical . . . . .	10,889	11,005	7,846	6,625	19,360	13,400	2,711	..
Public Health . . . . .	..	500	51	154	11,996	7,500	7,500	..
Agriculture . . . . .	..	45	6	82	5,044	4,800	4,800	..
Industries . . . . .	2,225	..	..	527	8,857	5,100	2,875	..
Miscellaneous Departments . . . . .	5,712	9,749	11,601	9,804	11,935	9,600	3,888	..
Civil Works . . . . .	4,38,155	2,90,474	6,82,954	6,64,732	8,24,862	9,56,000	5,17,845	..
Superannuation Allowances and Pen- sions . . . . .	20,979	39,083	29,695	36,566	39,100	38,000	17,021	..
Stationery and Printing . . . . .	2,621	1,609	1,774	3,493	2,815	2,300	..	321
Miscellaneous . . . . .	2,10,233	3,16,158	1,96,676	1,01,788	2,13,185	2,63,800	53,567	..
<b>Total "Provincial" Subjects</b> . . . . .	<b>22,71,979</b>	<b>25,91,882</b>	<b>31,99,924</b>	<b>30,71,426</b>	<b>33,46,132</b>	<b>33,07,100</b>	<b>10,76,150</b>	<b>41,029</b>
							<i>Net Increase</i>	<b>10,35,121</b>
Currency . . . . .	47	59	54	355	..	..	..	47
Customs . . . . .	1,92,160	1,54,704	—9,276	..	..	..	..	1,92,160
Taxes on Income . . . . .	9,55,720	11,44,437	11,20,091	11,56,866	10,40,268	10,99,000	1,43,280	..
Opium . . . . .	37,170	10,612	..	..	..	..	..	37,170
<b>Total "Central" Subjects</b> . . . . .	<b>11,86,097</b>	<b>13,09,812</b>	<b>11,10,869</b>	<b>11,57,021</b>	<b>10,40,268</b>	<b>10,99,000</b>	<b>1,43,280</b>	<b>2,29,377</b>
							<i>Net Decrease</i>	<b>86,097</b>
<b>Grand Total</b> . . . . .	<b>34,57,076</b>	<b>39,01,694</b>	<b>43,10,793</b>	<b>42,28,447</b>	<b>43,86,400</b>	<b>44,06,100</b>	<b>12,19,430</b>	<b>2,70,406</b>
							<i>Net Increase</i>	<b>9,49,024</b>

6. The gross increase of 10,35 under "provincial" subjects is due to the following principal factors:—

+ 3,73 under Excise.

As explained above, the bulk of this is purely nominal, being due to a change of classification.

+ 42 under Stamps.

This is a natural result of the development of the new city.

+ 5,18 under Civil Works.

This comparatively small offset against the heavy growth of charges under the corresponding expenditure head represents the growth of rents and the like on the transfer, for maintenance from revenue, of works constructed at the cost of capital.

+ 54 under Miscellaneous.

This is due to increased premium on plots of land sold.

Under "Central" subjects, there is a fall of 1,92 under Customs, due to the

abolition of the cotton excise duties, and of 37 under Opium, which is due to a transfer to the head Excise, partially offset by a rise of 1,43 under Taxes on Income. The increase under the latter head synchronised, it will be noticed, with the institution of the Salary Circle.

7. The revenue and expenditure of the province are brought together in Table C, in which the figures of revenue are shown *net*, after deducting cost of collection, and those of expenditure after subtracting incidental receipts. It will be seen that the anticipated expenditure of 1929-30 exceeded the estimated revenue by as much as 54,21 and that the deficit grew by 43,86 during the six years under review. A great part of the deficit is, of course, due to heavy outlay, of a capital nature, upon Civil Works, and a really material reduction under this head cannot be expected until the new combined hospital is completed. For the rest, the heavy demands made by the province of Delhi upon the Indian tax-payer generally are probably the inevitable result of the considerations set out in paragraph 3 above.

TABLE C.

Revenue Heads <i>Net</i>				Expenditure Heads <i>Net</i> .			
Heads.	Actuals 1924-25.	Budget, 1929-30.	Increase (+) or Decrease (—).	Heads.	Actuals 1924-25.	Budget, 1929-30.	Increase (+) or Decrease (—).
Land Revenue	3,00	2,46	—54	Irrigation	48	—2	—50
Excise	3,76	3,93	+17	General Administration	3,28	3,95	+57
Stamps	7,11	7,49	+38	Administration of Justice	1,43	2,09	+66
Forest	..	—10	—10	Jails	1,25	1,20	—5
Registration	40	40	..	Police	7,66	9,62	+1,94
				Scientific Departments	1	..	—1
				Education	5,12	9,35	+4,23
				Medical	3,26	5,33	+2,07
				Public Health	27	1,94	+1,67
				Agriculture	14	58	+44
				Industries	8	23	+15
				Miscellaneous Departments	—6	—7	—1
				Civil Works	8,44	39,30	+30,86
				Superannuation Allowances and Pensions	1,85	2,85	+1,00
				Stationery and Printing	..	1	+1
				Miscellaneous	2,10	1,23	—87
<b>Total "Provincial" Subjects</b>	<b>14,27</b>	<b>14,18</b>	<b>—9</b>		<b>35,33</b>	<b>77,49</b>	<b>+42,16</b>
				<i>Excess of Expenditure over Revenue</i>	<i>21,06</i>	<i>63,31</i>	<i>+42,25</i>
Revenue Heads <i>Net</i> .				Expenditure Heads <i>Net</i> .			
Heads.	Actuals, 1924-25.	Budget, 1929-30.	Increase (+) or Decrease (—)	Heads.	Actuals, 1924-25.	Budget, 1929-30.	Increase (+) or Decrease (—)
Customs	1,92	..	+1,92	Territorial and Political Pensions	48	51	+3
Taxes on Income	9,31	10,31	+1,00	Ecclesiastical	30	21	—9
Opium	37	..	—37	Political	8	14	+11
Currency	—8	—35	—27				
<b>Total "Central" Subjects</b>	<b>11,52</b>	<b>9,96</b>	<b>—1,56</b>		<b>81</b>	<b>86</b>	<b>+5</b>
				<i>Excess of Revenue over Expenditure</i>	<i>10,71</i>	<i>9,10</i>	<i>—1,61</i>
<b>Gross Total of Province</b>	<b>25,79</b>	<b>24,14</b>	<b>—1,65</b>		<b>36,14</b>	<b>78,35</b>	<b>42,16</b>
				<i>Excess of Expenditure over Revenue</i>	<i>10,35</i>	<i>64,21</i>	<i>+43,86</i>

### No. 4.—Ajmer-Merwara

The area covered by this grant is a true minor administration, consisting of two districts divided, for administrative purposes, into three tahsils.

2. The following table shows the rupee expenditure of the administration under each major head of account in each of the six years under review. As in the case of other minor local Governments, it is impossible to separate the sterling expenditure of the administration from other sterling outlay of the Government of India. In this case also, the heads of

account which would, in a Governor's province, constitute a charge upon the Central Government have been shown in a separate group at the end of the table. It should be mentioned that figures under the two Interest heads, which are not readily separable from those of the Central Government as a whole, have been omitted from the table. The administration has no real concern with this class of expenditure. The interest payable on the capital invested in its irrigation projects is, however, included in the table under the head Irrigation.

#### TABLE A.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-31.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Land Revenue . . . . .	1,16,723	1,22,048	1,30,130	1,22,797	1,30,640	1,28,400	11,677	..
Excise . . . . .	29,272	35,202	37,907	36,837	36,831	38,800	9,528	..
Stamps . . . . .	6,006	6,940	7,307	5,962	17,757	8,800	2,794	..
Forests . . . . .	49,124	55,161	79,728	82,855	76,352	78,800	29,676	..
Irrigation . . . . .	1,98,107	1,86,019	1,90,967	1,94,459	1,86,853	2,22,400	24,293	..
Registration . . . . .	1,903	2,168	2,592	2,631	2,462	2,700	797	..
General Administration . . . . .	1,31,863	1,41,529	1,56,684	1,59,576	1,46,053	1,60,200	28,337	..
Administration of Justice . . . . .	99,909	1,02,606	1,10,654	1,12,332	1,14,803	1,21,200	21,291	..
Jails and Convict Settlements . . . . .	55,849	54,649	55,489	59,673	51,926	63,000	7,151	..
Police . . . . .	3,57,400	3,89,728	3,76,388	3,71,145	3,66,975	3,71,200	13,800	..
Scientific Departments . . . . .	2,972	3,779	3,866	3,769	3,939	4,000	1,028	..
Education . . . . .	2,31,820	2,47,792	2,63,797	3,35,523	3,65,892	4,30,800	1,93,980	..
Medical . . . . .	72,099	1,30,872	1,28,807	90,781	94,014	99,700	27,601	..
Public Health . . . . .	2,239	3,715	3,620	3,838	4,013	4,500	2,261	..
Agriculture, etc. . . . .	26,264	27,960	28,977	44,573	43,450	44,300	18,036	..
Miscellaneous Departments . . . . .	805	4,636	5,650	4,809	6,570	4,900	4,095	..
Civil Works . . . . .	3,59,600	3,78,615	4,48,384	5,87,153	7,29,039	8,04,600	4,45,000	..
Famine Relief . . . . .	..	9,452	90,200	..	..	..	..	..
Superannuation Allowances and Pensions . . . . .	1,39,459	1,92,874	1,71,900	1,77,858	1,75,422	1,97,500	58,041	..
Stationery and Printing . . . . .	3,458	2,949	4,748	427	181	2,300	..	1,158
Miscellaneous charges . . . . .	24,866	17,644	16,572	16,619	16,580	16,800	..	8,066
<b>Total "Provincial" Subjects</b> . . . . .	<b>19,09,738</b>	<b>21,16,338</b>	<b>23,14,366</b>	<b>24,13,617</b>	<b>25,69,752</b>	<b>28,04,900</b>	<b>9,04,386</b>	<b>9,224</b>
					<b>Net Increase</b>		<b>8,95,162</b>	
Taxes on Income . . . . .	7,485	8,642	8,846	9,493	9,854	10,500	3,015	..
Ecclesiastical . . . . .	22,506	18,926	21,662	13,464	18,053	18,900	..	3,606
Currency . . . . .	25,896	34,823	59,423	40,529	37,573	35,000	9,104	..
Territorial and Political Pensions . . . . .	438	442	392	300	123	400	..	38
<b>Total "Central" Subjects</b> . . . . .	<b>56,325</b>	<b>62,833</b>	<b>90,323</b>	<b>63,786</b>	<b>65,603</b>	<b>64,800</b>	<b>12,119</b>	<b>3,644</b>
					<b>Net Increase</b>		<b>8,475</b>	
<b>Grand Total</b> . . . . .	<b>19,66,063</b>	<b>21,79,271</b>	<b>24,04,689</b>	<b>24,77,403</b>	<b>26,35,355</b>	<b>28,69,700</b>	<b>9,16,505</b>	<b>12,868</b>
					<b>Net Increase</b>		<b>9,03,637</b>	

3. It will be seen that the expenditure on what may be called "provincial" subjects has grown by 8,95 during the six years' period, while the total expenditure has increased by 9,04. The principal variations under individual major heads of account are examined below.

(a) *Land Revenue* . . . . . +12

There were three main factors in this increase:—

- (i) The revival of a post of extra Naib Tahsildar.
- (ii) An increase in the pay of inferior servants.
- (iii) The accrual of normal increments.

(b) *Excise* . . . . . +10

The growth may be put down to minor increases of establishment, greater outlay on travelling allowances and the accrual of increments.

(c) *Forests* . . . . . +30

A sum of 17 out of the increase is ascribed to the extended exploitation of forests for charcoal, and is responsible for some portion of the increase of receipts under the corresponding revenue head. The balance of the growth of expenditure is due to the causes detailed against the head Excise.

(d) *Irrigation* . . . . . +24

The budget provision of 1929-30 would appear to have been pitched unduly high. The revised estimates anticipated a saving of 31, which is greater than the increase during the period under review.

(e) *General Administration* . . . . . +28

The principal factors in the growth are:—

- (i) The revision of pay of establishments and increments . . . +15
- (ii) The cost of Lee Concessions . . . +4
- (iii) The revision of pay of an Extra Assistant Commissioner . . . +1

(f) *Administration of Justice* . . . . . +21

A provision of 9 in the budget of 1929-30 to cover the cost of certain establishment of the Judicial Commissioner in the Western India States, who serves Ajmer-Merwara also, is counterbalanced by an equivalent saving due to the abolition of a temporary post of Special Magistrate which was in existence in 1924-25. The true increase of 21 is due to minor revisions of establishment and the accrual of increments.

(g) *Jails and Convict Settlements* . . . +7

Of this increase, a sum of 5 is put down to the increased cost of feeding and clothing prisoners.

(h) *Police* . . . . . +14

This growth is the result of a number of minor developments, none of which is of sufficient importance to call for separate mention.

(i) *Education* . . . . . +1,99

An increase of 99 recurring and 41 non-recurring is due to the introduction of the five-year programme of educational development. Of this sum of 1,40, University Education absorbs 21: Secondary Education 55: Primary Education 48: and the balance goes to Special Schools and general charges.

The following table shows the distribution under the principal sub-heads of the total charges of the first and last years of the period under review:—

	1924-25.	1929-30
University . . . . .	52	86
Secondary . . . . .	1,09	1 94
Primary . . . . .	41	90
Special . . . . .	12	22
General charges . . . . .	18	39

The comparatively small amount spent on primary education is a striking feature of the table.

(j) *Medical Services* . . . . . +28

The appointment of an Additional Civil Surgeon cost 9, and there are new payments of 4 to the Punjab Government for the treatment of mental patients at Lahore. The balance is due to minor increases of staff and revisions of pay and to the accrual of increments.

(k) *Agriculture, etc.* . . . . . +18

There has been an increase of 3 in the grant made to a District Board for arboriculture. The balance is due to the expansion of the Co-operative Department.

(l) *Miscellaneous Departments* . . . . . +4

The growth is due to the development of factory inspection.

(m) *Civil Works* . . . . . +4,45

The increase occurred largely under Original Works, while there was a consequent increase of about a lakh under Establishments. The principal works in progress in 1929-30 were lines and hospital buildings for the Police and certain buildings connected with the five-yea

educational programme. The bulk of the growth represents non-recurring expenditure.

(n) *Superannuation Allowances and Pensions.* . . . . . +58

This increase is largely nominal, being due to the debit to this head of Posts and Telegraph pensions which are off-set by a deduction from expenditure in the books of the Central Government proper.

(o) *Miscellaneous Charges.* . . . . . —8

The decrease is the result of a decline of expenditure on departmental maintenance of buildings.

(p) *Currency.* . . . . . +9

The growth is due to enhanced charges for remittance of treasure.

4. Of the total increase of 8,95 of expenditure on "provincial" subjects, as much as 4,45 is spent upon Civil Works and is largely non-recurrent. A further sum of 1,40 is the result of the five-year educational programme, and includes 41 which will not recur; while there is a purely nominal growth of 58 in pensionary outlay. Of the balance of approximately 2½ lakhs, 59 represents the development of education outside the five-year programme, and the residue is the result of minor increases all round, which are largely due to petty expansions of staff and revisions of pay and to the accrual of normal increments.

5. The revenue of the administration under the various major heads is set out in the following table:—

TABLE B. —

	Actuals 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Land Revenue . . . . .	2,77,855	2,66,976	2,31,708	2,99,744	3,14,980	2,89,100	11,245	..
Excise . . . . .	7,09,252	7,14,056	6,83,316	7,07,879	7,44,496	7,33,900	24,648	..
Stamps . . . . .	2,82,674	2,58,016	2,70,638	2,98,114	3,03,808	2,99,600	36,926	..
Forest . . . . .	66,062	72,759	66,935	76,515	87,924	90,700	24,638	..
Registration . . . . .	11,943	11,530	12,340	12,635	13,337	12,700	757	..
Irrigation . . . . .	85,909	1,08,382	83,033	1,37,248	1,46,917	1,06,700	19,791	..
Interest . . . . .	39,816	45,798	35,979	34,405	54,975	46,800	6,984	..
Administration of Justice . . . . .	53,967	30,121	24,188	22,115	22,346	21,800	..	32,167
Jails and Convict Settlements . . . . .	11,698	12,013	10,027	16,315	15,184	18,000	6,302	..
Police . . . . .	4,245	5,207	5,591	8,514	7,721	8,300	..	445
Education . . . . .	35,370	35,657	39,487	34,088	36,969	35,500	130	..
Medical . . . . .	947	956	321	621	1,104	700	..	247
Agriculture . . . . .	..	..	..	..	3	..	..	..
Miscellaneous Departments . . . . .	2,360	285	20	50	2,553	3,000	640	..
Civil Works . . . . .	14,977	7,294	34,904	22,452	20,416	17,000	2,023	..
Receipts in aid of Superannuation . . . . .	2,788	1,724	3,817	33,323	—971	6,000	3,212	..
Stationery and Printing . . . . .	222	237	357	186	334	5,800	5,578	..
Miscellaneous . . . . .	1,554	—3,362	9,575	—29,487	3,039	400	..	1,154
<b>Total "Provincial" Subjects</b> . . . . .	<b>15,81,639</b>	<b>15,67,649</b>	<b>15,07,236</b>	<b>16,74,717</b>	<b>17,75,133</b>	<b>16,90,500</b>	<b>1,42,874</b>	<b>34,013</b>
					<i>Net Increase</i>		<b>1,08,861</b>	
Customs . . . . .	91,849	89,633	33	..	..	..	..	91,849
Taxes on Income . . . . .	2,62,250	2,45,306	2,00,621	2,72,806	3,06,725	2,40,000	..	22,250
Currency . . . . .	157	1,134	1,006	264	199	500	343	..
<b>Total "Central" Subjects</b> . . . . .	<b>3,54,256</b>	<b>3,36,073</b>	<b>2,01,660</b>	<b>2,72,869</b>	<b>3,06,924</b>	<b>2,40,500</b>	<b>343</b>	<b>1,14,099</b>
					<i>Net Decrease</i>			<b>1,13,756</b>
<b>Grand Total</b> . . . . .	<b>19,35,895</b>	<b>19,03,722</b>	<b>17,08,896</b>	<b>19,47,586</b>	<b>20,82,057</b>	<b>19,31,000</b>	<b>1,43,217</b>	<b>1,48,112</b>
					<i>Net Decrease</i>			<b>4,895</b>

6. A few comments only on the revenue table appear to be necessary. The revenue from Interest might reasonably have been omitted from it, as it represents interest on funds provided by the Central Government proper. The cessation of Customs revenue is due to the abolition of the cotton excise duties. The fall under Taxes on Income is, as appears from the revised estimates of 1929-30, the result of an under-estimate.

7. The following table brings together the revenue and expenditure of the administration in the first and last years of the period under review. As usual, the revenue is shown *minus* the cost of collection and the expenditure after the deduction of incidental receipts. For the reason indicated in paragraph 6, the revenue from Interest has been omitted.

TABLE C.

Heads.	Actuals, 1924-25.	Budget, 1929-30.	Increase (+) or Decrease(-)	Heads.	Actuals, 1924-25.	Budget, 1929-30.	Increase (+) or Decrease (-).
Land Revenue . . . . .	1,61	1,61	..	Irrigation . . . . .	1,12	1,17	+5
Excise . . . . .	6,80	6,95	+15	General Administration . . . . .	1,32	1,60	+28
Stamps . . . . .	2,57	2,91	+34	Administration of Justice . . . . .	46	99	+5
Forest . . . . .	17	12	-5	Jails . . . . .	44	45	+1
Registration . . . . .	10	10	..	Police . . . . .	3,53	3,67	+14
				Scientific Departments . . . . .	3	4	+13
				Education . . . . .	1,97	3,95	+1,98
				Medical . . . . .	71	99	+28
				Public Health . . . . .	2	5	+3
				Agriculture . . . . .	26	44	+18
				Miscellaneous Departments . . . . .	-1	2	+3
				Civil Works . . . . .	3,45	7,88	+4,43
				Superannuation Allowances and Pensions . . . . .	1,36	1,92	+56
				Stationery and Printing . . . . .	3	-4	-7
				Miscellaneous . . . . .	23	16	-7
Total "Provincial" Subjects	11,25	11,60	+44		14,92	23,20	+8,37
				<i>Excess of Expenditure over Revenue</i> . . . . .	3,67	11,60	+7,93
Customs . . . . .	92	..	-92				
Taxes on Income . . . . .	2,55	2,29	-26	Ecclesiastical . . . . .	23	19	-4
Currency . . . . .	-26	-34	-8		23	19	-4
Total "Central" Subjects . . . . .	3,21	1,95	-1,26				
				<i>Excess of Revenue over Expenditure</i> . . . . .	2,98	1,76	-1,22
Gross Total of Province . . . . .	14,46	13,64	-82		15,15	23,48	+8,33
				<i>Excess of Expenditure over Revenue</i> . . . . .	69	9,34	+9,15

8. It will be seen that the estimated "provincial" expenditure of 1929-30 exceeded the anticipated revenue by 11,60, and that the deficit grew by 7,93 in the course of the six years' period. Approximately 5 lakhs of the expenditure may be put down as temporary and non-recurrent, and possibly another 50 to pensions with which the administration is not really concerned ; thus leaving

the true deficit in the neighbourhood of 6 lakhs. If "central" subjects are taken into account, the true revenue from Taxes on Income, set off by small outlay on Currency and Ecclesiastical, will operate to reduce the deficit by another 2 lakhs. It follows that the rest of India gives an annual subsidy about 4 lakhs to Ajmer-Merwara

## No. 5.—Andaman and Nicobar Islands.

The following table shows the rupee expenditure of this Administration in each of the six years under review. Its sterling expenditure, as a whole, is

inseparable from that of the Government of India generally and is therefore omitted from the statement. There is no expenditure of a nature which would, in a Governor's province, be financed from central revenues.

TABLE A.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Stamps . . . . .	249	275	263	262	422	400	151	..
Forests . . . . .	11,53,690	11,34,375	12,26,095	14,49,783	13,28,929	17,11,000	5,57,310	..
Convict Settlement Charges . . . . .	27,12,973	26,08,566	26,69,415	23,77,574	23,86,827	29,61,800	2,48,627	..
Civil Works . . . . .	2,62,092	1,34,737	1,35,081	1,56,897	1,48,632	2,10,000	..	52,09
Superannuation Allowances and Pensions . . . . .	5,638	5,744	5,805	6,807	6,744	8,300	2,662	..
Miscellaneous . . . . .	..	4,936	4,750	4,723	9,174	10,000	10,000	..
<b>Total . . . . .</b>	<b>41,34,642</b>	<b>38,91,833</b>	<b>40,31,418</b>	<b>39,95,846</b>	<b>38,80,728</b>	<b>49,01,300</b>	<b>8,18,750</b>	<b>52,09</b>
						<i>Net Increase</i>	<b>7,66,658</b>	

2. The table shows an increase of expenditure, during the six years' period, by 7,67, the whole of the growth having occurred in the last year of the series. The more important variations under individual major heads are discussed below.

(a) *Forests.* . . . . . +5,57

The following table shows, in thousands of rupees, the expenditure under the principal sub-heads in the first and last years of the series:—

	1924-25.	1929-30.
(1) Conservancy and Works . . . . .	10,12	12,37
(2) Establishments . . . . .	1,41	1,53
(3) Capital charges met from revenue . . . . .	..	3,13

The expenditure on sub-head (3) is really no more than a transfer from sub-head (1). The entire increase is due to the increased exploitation of the forests of the islands and is more than counter-balanced by an expansion of revenue. The principal items under sub-head (1) are increases of approximately 1,20 in freight of timber exported and 64 in payments to sale agents; together with a growth of 49 in the cost of feeding elephants. The non-recurring increase under sub-head (3) is due to the purchase of a steam lighter, a barge, a launch and machinery for use in the forests.

(b) *Convict Settlement Charges.* . . . . . +2,49

Total. The expenditure under this head has been analysed in detail in the memorandum on Jails and Convict Settlements set in Part II of this report, and it is unnecessary to repeat the analysis here as there has been a true increase of

6,08. Of this amount, 5,62 represents non-recurring and 46 recurring expenditure; both classes being mainly due to the development of the islands as a free settlement.

(c) *Civil Works.* . . . . . —52

The account of 1924-25 included an adjustment of 1,12 to correct a previous credit on account of the value of surplus stores. There is thus a true increase of 60; of which 11 is due to the employment of an Executive Engineer in addition to an Assistant Engineer; 17 to expansion of staff and revision of pay; and the balance to growth of work generally.

(d) *Miscellaneous.* . . . . . +10

The provision in the budget of 1929-30 is intended to meet the write-off of irrecoverable *takavi* loans.

3. In summarising the progress of expenditure in this administration, it may be said that there has been a true growth of approximately 12,35; of which 8,75 represents non-recurring items. Of the balance of 3,60, as much as 2,37 under Forests is more than covered by growth of forest revenue; and the residue of 1,23 is the result of the policy of developing the islands as a free settlement.

4. In order to compare the expenditure of the administration with its revenue, the following table has been prepared showing the revenue received under the various major heads in each year of the series. The two Interest heads have, as usual, been ignored, and the single "central" source of revenue appearing in the statement is the comparatively small return from Taxes on Income.



TABLE B.

	Actuals, 1924-25.	Actuals, 1925-26.	Actuals, 1926-27.	Actuals, 1927-28.	Actuals, 1928-29.	Budget, 1929-30.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Taxes on Income . . . . .	13,707	13,108	13,378	13,984	14,490	12,600	..	1,107
Land Revenue . . . . .	39,438	47,072	36,348	48,611	65,866	49,700	10,262	..
Excise . . . . .	4,049	7,250	6,547	10,478	16,710	13,000	8,951	..
Stamps . . . . .	4,707	5,498	5,036	5,132	6,246	6,600	1,993	..
Forest . . . . .	7,25,597	8,91,032	11,70,863	14,18,062	15,00,705	17,99,092	10,72,403	..
Jails and Convict Settlements . . . . .	5,33,430	4,30,778	1,88,926	2,27,258	1,85,609	1,77,700	..	3,55,739
Civil Works . . . . .	..	5,048	7,362	10,740	19,386	6,000	6,000	..
<b>Total . . . . .</b>	<b>13,20,929</b>	<b>13,99,786</b>	<b>14,28,460</b>	<b>17,34,265</b>	<b>18,08,903</b>	<b>20,64,600</b>	<b>11,00,509</b>	<b>3,56,867</b>
						<i>Net Increase</i>	<b>7,42,672</b>	

5. It will be seen that the gross increase of revenue during the period has been 7,44, against an increase of expenditure by 7,67. As already shown, however, a great proportion of the latter is due to non-recurring items. Practically the whole of the revenue is derived from the forests, the entry under Jails and Convict Settlements containing little besides the adjustment of recoveries from other departments on account of hire of con-

victs and sale of stores. Prior to 1926-27, the recoveries from the Forest Department on account of the services of the station ships were credited as revenue under this head; but, these are now brought to account by deduction from expenditure.

6. The usual statement comparing the net revenue and net expenditure of the administration is appended:

TABLE C.

Head.	Revenue Heads <i>Net</i> .			Head.	Expenditure Heads <i>Net</i> .			
	Actuals, 1924-25.	Budget, 1929-30.	Increase (+) or Decrease (-).		Actuals, 1924-25.	Budget, 1929-30.	Increase (+) or Decrease (-).	
Taxes on Income . . . . .	14	13	-1	Jails and Convict Settlements . . . . .	21,80	27,84	+ 6,04	
Land Revenue . . . . .	40	50	+ 10	Civil Works . . . . .	2,62	2,04	-58	
Excise . . . . .	4	13	+ 9	Superannuation Allowances and Pensions . . . . .	6	8	+ 2	
Stamps . . . . .	5	6	+ 1	Miscellaneous . . . . .	..	10	+ 10	
Forest . . . . .	-4,28	88	+ 5,16					
<b>Total . . . . .</b>	<b>-3,65</b>	<b>1,70</b>	<b>+ 5,35</b>		<b>24,48</b>	<b>30,06</b>	<b>+ 5,58</b>	
					<i>Excess of Expenditure over Revenue</i>	<b>28,13</b>	<b>28,36</b>	<b>+ 23</b>

7. The striking feature of the table is the very great excess of expenditure over revenue; a budgeted outlay of 49,01 being financed, in 1929-30, to the extent of no more than 20,65 from revenue locally realised. This is, of course, the inevitable result of the past history of the islands, which were, until recently, maintained purely as a penal

settlement. There are, however, better prospects in the future. As already indicated, the budget for 1929-30 contained provision for a number of non-recurrent items; the revenue from forests is steadily expanding; and, as the free settlement develops, there should be hopes of an increase of revenue from other sources.



4. The more important variations under individual major heads are examined below.

(a) *Excise* . . . . . -4

The decrease is due to the replacement of a post of Assistant Commissioner by one of Inspector.

(b) *General Administration* . . . . . +47

Of this increase, a sum of 33 is due to the transfer from the head Administration of Justice of the pay, allowances, etc., of the Collector and his establishment; and the balance represents an increase in non-recurring expenditure on Works.

(c) *Administration of Justice* . . . . . -44

A fall of 33 is due, to the transfer described in sub-paragraph (b) above, and a decrease of 8 to the abolition of the Second Magistrate's Court.

(d) *Police* . . . . . -17

The accounts of 1924-25 included an unusual contingent charge of 20, being the cost of a fire-engine. Leaving this out of account, there has been a small growth of expenditure.

(e) *Political* . . . . . +22

The increase is due to a non-recurring charge connected with the construction of a new court and office buildings for the Resident.

(f) *Medical Services* . . . . . +87

Of this growth, a sum of 48 represents non-recurring provision for Works; about 12 is due to the transfer of certain recurring charges from the head Public Health; and the balance is the result, in the main, of additions to medical establishment.

(g) *Public Health* . . . . . -2,96

The fall is mainly due to a decline in the amount of grants-in-aid; a special grant of 3,18 having been given in 1924-25 to a scheme for housing the poorer classes of the Station. There was also,

as indicated in sub-paragraph (f) above, a transfer of 12 to the head Medical Services.

(h) *Agriculture* . . . . . +13

The increase is due to the assumption from the Municipality of responsibility for the maintenance of a Veterinary Hospital.

(i) *Cost of Reserve of Officers* . . . . . -5

This cost is, in the general accounts of Government, distributed over the major heads concerned.

(j) *Share of cost of Residency Establishments* . . . . . +25

A sum of 4 is the result of an increase in the rate of pensionary contribution in respect of military officers. The balance is due to minor expansions all round.

(k) *Payment to the Mysore Darbar* +2,46

This payment represents three-fourths of the revenue in excess of 13 lakhs, to which reference is made in the opening paragraph of this memorandum. It is necessarily made after the close of the year concerned; and hence, though the new agreement was concluded with effect from 1924-25, no disbursement was actually made in that year. The payments made in 1925-26 included an *ex gratia* payment in respect of other profits which had accrued in earlier years. The increase under this item may fairly be described as nominal only.

5. In summarising the progress of expenditure during the six years' period, it may be said that there has been a true decrease of 1,64. This is mainly due to a decline under grants in aid of schemes of public health, set off by increased expenditure under General Administration, Medical Services and Political, which is largely non-recurrent, and by a growth in the cost of the Residency establishment.

6. The following table shows the revenue of the Assigned Tract in each of the six years under review.

TABLE B.

	Actuals. 1924-25, Rs.	Actuals. 1925-26, Rs.	Actuals. 1926-27, Rs.	Actuals. 1927-28, Rs.	Actuals. 1928-29, Rs.	Budget. 1929-30, Rs.	Increase. Rs.	Decrease. Rs.
Taxes on Income . . . . .	2,25,817	2,01,772	2,92,627	2,76,000	3,18,524	2,63,700	37,823	..
Land Revenue . . . . .	-3,099	1,249	-125	1,839	-677	2,400	5,499	..
Excise . . . . .	14,47,738	12,90,640	10,81,212	10,49,152	11,10,336	11,64,700	..	2,83,038
Stamps . . . . .	1,56,003	1,80,051	1,44,824	1,60,966	1,57,858	1,60,300	4,297	..
Registration . . . . .	12,571	12,374	10,994	13,459	12,138	13,400	829	..
Interest . . . . .	1,460	1,282	..	..	..	..	..	1,460
Administration of Justice . . . . .	7,517	3,646	5,306	8,129	4,529	4,800	..	2,717
Police . . . . .	17,828	3,852	2,023	4,043	2,145	7,200	..	10,623
Education . . . . .	1,813	2,795	2,119	1,990	2,246	2,200	387	..
Medical . . . . .	19,158	20,596	17,210	17,166	11,135	17,700	..	1,45
Public Health . . . . .	218	133	86	..	..	..	..	..
Agriculture . . . . .	..	..	..	4,238	4,586	4,600	4,600	..
Miscellaneous Departments . . . . .	96	217	1,488	883	567	700	604	..
Stationery and Printing . . . . .	914	497	..	..	..	..	..	..
Miscellaneous . . . . .	1,333	2,977	9,342	3,455	4	5,200	3,8	..
<b>Total</b>	<b>18,89,367</b>	<b>17,19,610</b>	<b>15,67,106</b>	<b>15,41,320</b>	<b>16,28,0</b>	<b>16,46,9</b>		

Net Decrease

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178

7. The principal feature of the table is the decline of Excise revenue by 2,83 during the period. This is due to a decline in the consumption of country liquor; which fell from 74 to 64 thousand gallons during the period.

8. The following table brings together the revenue and expenditure of the Assigned Tract in the first and last years of the series. The figures are in thousands of rupees, and are shown *net* as usual.

TABLE C.

Revenue Heads <i>Net</i> .				Expenditure Heads <i>Net</i> .			
Head.	Actuals, 1924-25.	Budget, 1929-30.	Increase (+) or Decrease (-).	Head.	Actuals, 1924-25.	Budget, 1929-30.	Increase (+) or Decrease (-).
Taxes on Income . . .	2,17	2,52	+35	General Administration . . .	30	77	+47
Land Revenue . . .	-3	2	+5	Audit . . . . .	4	4	
Excise . . . . .	14,18	11,40	-2,78	Administration of Justice . .	97	56	-41
Stamps . . . . .	1,54	1,58	+4	Jails and Convict Settlements .	18	14	-4
Registration . . . . .	9	10	+1	Police . . . . .	268	261	-7
				Political . . . . .	2	24	+22
				Education . . . . .	3,18	3,18	
				Medical . . . . .	2,23	3,11	+88
				Public Health . . . . .	4,06	1,11	-2,95
				Agriculture . . . . .	4	13	+9
				Miscellaneous Departments . .	1	1	
				Pension Contribution . . . . .	80	77	-3
				Commuted Value of Pensions . .		1	+1
				Reserve of Officers . . . . .	11	6	-5
				Civil Works . . . . .	3		-3
				Share of cost of Residency estab- lishment . . . . .	74	99	+37
				Payment to Mysore Darbar . . .		2,46	+2,46
<b>Total</b> . . . . .	<b>17,95</b>	<b>15,62</b>	<b>-2,33</b>		<b>15,39</b>	<b>16,19</b>	<b>92</b>
			<i>Excess of Revenue over Expenditure</i> . .		<b>2,56</b>	<b>-57</b>	<b>-3,13</b>

9. No comments appear to be necessary.