

The Commonwealth of Massachusetts

# REPORT OF THE AUDITOR

FOR THE

FISCAL YEAR ENDING NOVEMBER 30, 1920



BOSTON  
WRIGHT & POTTER PRINTING CO., STATE PRINTERS  
32 DERNE STREET

# The Commonwealth of Massachusetts

AUDITOR'S DEPARTMENT, Jan. 12, 1921.

*To the Honorable Senate and House of Representatives.*

I have the honor to present the seventy-second annual report of this department, it being for the fiscal year ending Nov. 30, 1920.

The principal transactions of the Commonwealth are summarized in the following statements:—

## CONSOLIDATED STATEMENT OF RECEIPTS AND EXPENDITURES.

RECEIPTS.	
Revenue,	\$46,505,062 34
Loans:—	
Par value,	10,568,000 00
Premium,	21,303 00
Total revenue and loans,	\$57,094,365 34
Accrued interest,	49,401 05
Temporary loans (including loans in anticipation of bond issues),	23,500,000 00
Sinking funds,	6,176,221 25
Trust funds,	8,976,988 78
Agency accounts,	30,591,601 08
Transfers and adjustments,	515 57
Refunds,	107,634 79
Metropolitan district funds,	10,091,449 91
	\$136,588,177 77
Cash on hand Dec. 1, 1919,	12,065,772 09
	<u>\$148,653,949 86</u>
PAYMENTS.	
Departmental expenses:—	
On account of 1920 expenses,	\$47,319,989 35
On account of 1919 expenses,	1,802,925 53
	<u>\$49,122,914 88</u>
Interest,	2,967,921 87
Loans,	1,605,672 13
Total revenue and loans,	\$53,696,508 88
Temporary loans (including loans in anticipation of bond issues),	26,675,000 00
Sinking funds,	6,351,000 00
Trust funds,	10,823,618 09
Agency accounts,	24,298,303 79
Accrued interest,	49,401 05
Transfers and adjustments,	655 02
Refunds,	107,634 79
Refunds account of previous years,	13,983 35
Metropolitan district funds,	10,337,832 66
	\$132,353,937 63
Cash on hand Nov. 30, 1920,	16,300,012 23
	<u>\$148,653,949 86</u>

## AUDITOR'S REPORT.

[Jan.

## ESTIMATES FOR 1921.

*Estimated Expenses, etc.*

The estimates of the expenses for the fiscal year ending Nov. 30, 1921, are based upon the reports submitted to the Auditor under the provisions of section 3 of chapter 29 of the General Laws. A statement of appropriations for the previous fiscal year, upon the same basis, is furnished for comparison.

	Estimates Dec. 1, 1920, to Nov. 30, 1921.	Appropriations, 1920.
Legislative,	\$688,060 00	\$680,925 00
Judiciary:—	\$136,500 00	\$140,060 00
Supreme Judicial Court,	296,000 00	284,750 00
Superior Court,	273,261 66	268,238 00
Probate and insolvency courts,	102,950 00	97,032 15
District attorneys and assistants,	14,420 00	14,450 00
Commission on Probation,	79,075 00	68,500 00
Land Court,	8,573 00	7,460 00
Board of bar examiners,		
	\$910,779 66	\$880,490 15
The Governor and Council:—	\$159,460 00	\$156,590 00
Executive Department,	448,120 17	292,210 00
Adjutant-General,	335,432 00	285,440 00
Chief Quartermaster,	19,630 00	17,090 00
Chief Surgeon,	2,900 00	2,495 00
Armory Commission,	34,175 00	32,650 00
Supervisor of Administration,	350 00	100 00
Art Commission,	1,700 00	1,700 00
Ballot Law Commission,	755 00	600 00
Commission on Uniform State Laws,	557,860 91	1,024,520 00
Commissioner on State Aid and Pensions,	45,670 00	40,045 00
State Library,	426,892 00	366,190 00
Superintendent of Buildings,		
	\$2,032,945 08	\$2,219,630 00
Secretary of the Commonwealth:—	\$358,350 00	\$270,788 06
Administration,	66,500 00	54,925 86
Printing,	19,500 00	99,250 00
Elections,	8,300 00	7,400 00
Supervisor of Public Records,	8,880 00	5,700 00
State Census Division,		
	\$461,530 00	\$438,063 92
Treasurer and Receiver-General:—	\$70,055 00	\$70,780 00
Administration,	83,470 00	74,550 00
Board of Retirement,	18,000 00	18,000 00
Commissioners on Firemen's Relief,	2,400,000 00	1,939,000 00
Interest on the public debt,	1,824,378 75	1,558,947 74
Sinking funds and serial bonds,		
	\$4,395,903 75	\$3,661,277 74
Auditor of the Commonwealth:—	\$88,668 00	\$74,075 00
Administration,	716,727 57	749,050 74
Miscellaneous accounts,		
	\$805,395 57	\$823,125 74
Attorney-General,	\$97,000 00	\$84,500 00

1921.]

## PUBLIC DOCUMENT — No. 6.

v

	Estimates Dec. 1, 1920, to Nov. 30, 1921.	Appropriations, 1920.
Department of Agriculture:—		
Administration,	\$34,105 00	\$23,190 00
Division of Dairying and Animal Husbandry,	28,770 00	18,530 00
Division of Ornithology,	5,065 00	4,070 00
Division of Plant Pest Control,	18,575 00	15,000 00
Division of Markets,	25,855 00	12,970 00
Division of Reclamation, Soil Survey and Fairs,	64,390 00	45,190 00
Division of Agricultural Information,	15,590 00	14,450 00
	\$192,350 00	\$133,400 00
Department of Conservation:—		
Administration,	\$250 00	—
Division of Forestry,	633,140 00	\$386,900 00
Division of Fisheries and Game,	305,030 92	192,892 00
Division of Animal Industry,	180,215 00	145,450 00
	\$1,118,635 92	\$725,242 00
Department of Banking and Insurance:—		
Division of Banks and Loan Agencies,	\$343,360 00	\$202,052 29
Division of Insurance,	125,605 00	118,300 00
Division of Savings Bank Life Insurance,	26,450 00	22,500 00
	\$495,415 00	\$342,852 29
Department of Corporations and Taxation:—		
Division of Corporations and Taxation,	\$168,150 00	\$142,880 00
Reimbursement of cities and towns for loss of taxes on land used for public purposes,	72,000 00	57,688 93
Division of Accounts,	116,933 00	81,600 00
Income Tax Division,	443,435 00	408,460 00
	\$800,518 00	\$690,628 93
Department of Education:—		
Administration,	\$116,965 00	\$91,975 00
Division of University Extension,	353,615 00	272,000 00
Division of Vocational Education,	642,125 00	421,516 27
Division of Elementary and Secondary Schools,	606,525 00	501,422 87
Support of normal schools,	1,260,624 30	1,058,785 40
Division of Public Libraries,	31,928 00	22,700 00
Division of Immigration and Americanization,	49,780 00	36,500 00
Division of the Blind,	244,927 00	196,790 00
Massachusetts Nautical School,	98,702 00	87,375 20
Textile schools,	255,579 00	272,694 00
Massachusetts Agricultural College,	998,566 00	806,836 33
Teachers' retirement board,	222,150 37	194,088 61
	\$4,881,486 67	\$3,962,683 68
Department of Civil Service and Registration:—		
Administration,	\$810 00	—
Division of Civil Service,	115,019 80	\$98,200 00
Division of Registration,	55,050 00	46,175 00
	\$170,879 80	\$144,375 00
Department of Industrial Accidents,	\$172,430 00	\$172,743 84
Department of Labor and Industries:—		
Administration,	\$25,000 00	\$22,900 00
Division of Industrial Safety,	137,055 00	127,900 00
Division of Statistics,	118,670 00	104,400 00
Board of Conciliation and Arbitration,	27,430 00	24,500 00
Division of Minimum Wage,	19,300 00	18,600 00
Division of Standards,	71,015 00	56,625 00
Commission on Foreign and Domestic Commerce,	35,000 00	15,000 00
	\$433,470 00	\$369,925 00

	Estimates Dec. 1, 1920, to Nov. 30, 1921.	Appropriations, 1920.
Department of Mental Diseases: —		
Administration, . . . . .	\$145,796 05	\$128,565 00
Institutions: —		
Boston, . . . . .	1,039,753 37	863,800 00
Boston Psychopathic, . . . . .	270,192 80	—
Danvers, . . . . .	764,893 10	630,700 00
Foxborough, . . . . .	352,271 98	270,300 00
Gardner, . . . . .	440,981 53	340,500 00
Grafton, . . . . .	689,402 00	580,100 00
Massachusetts School for the Feeble-minded, . . . . .	777,319 53	591,827 00
Medfield, . . . . .	757,878 10	633,300 00
Monson, . . . . .	485,145 40	422,400 00
Northampton, . . . . .	478,127 57	386,370 04
Taunton, . . . . .	620,213 39	520,800 00
Westborough, . . . . .	661,981 66	587,900 00
Worcester, . . . . .	971,496 99	767,400 00
Wrentham, . . . . .	598,645 05	478,700 00
	\$9,054,098 52	\$7,202,662 04
Department of Correction: —		
Administration, . . . . .	\$102,635 00	\$109,595 00
Institutions: —		
Massachusetts Reformatory, . . . . .	352,237 00	300,145 00
Reformatory for Women, . . . . .	191,106 00	169,215 00
Prison Camp and Hospital, . . . . .	99,611 85	88,600 00
State Farm, . . . . .	504,583 88	431,965 00
State Prison, . . . . .	330,815 00	299,870 00
	\$1,580,988 73	\$1,399,390 00
Department of Public Welfare: —		
Administration, . . . . .	\$40,235 00	\$35,650 00
Division of Aid and Relief, . . . . .	1,549,856 77	1,469,400 00
State Infirmary, . . . . .	1,088,245 00	884,813 00
Division of Child Guardianship, . . . . .	1,159,599 77	1,115,550 00
Massachusetts Hospital School, . . . . .	179,267 00	139,960 00
Division of Juvenile Training, . . . . .	120,713 00	105,332 50
Industrial School for Boys, . . . . .	174,990 00	160,200 00
Industrial School for Girls, . . . . .	189,575 00	154,150 00
Lyman School for Boys, . . . . .	281,689 00	225,400 00
	\$4,784,170 54	\$4,290,455 50
Department of Public Health: —		
Administration, . . . . .	\$31,220 00	\$32,000 00
Division of Hygiene, . . . . .	58,815 00	39,145 00
Division of Communicable Diseases, . . . . .	203,110 00	159,807 50
Division of Food and Drugs, . . . . .	44,030 00	39,750 00
Division of Water Supply and Sewage Disposal, . . . . .	81,155 00	78,200 00
State Examiners of Plumbers, . . . . .	5,070 00	4,620 00
Division of Sanatoria, . . . . .	173,410 00	188,826 12
Lakeville State Sanatorium, . . . . .	262,052 35	201,778 00
North Reading State Sanatorium, . . . . .	197,229 00	163,355 00
Rutland State Sanatorium, . . . . .	430,259 00	304,280 00
Westfield State Sanatorium, . . . . .	225,831 00	196,503 00
Penikese Hospital, . . . . .	41,653 00	34,820 00
	\$1,753,834 35	\$1,443,684 62
Department of Public Safety: —		
Administration, . . . . .	\$83,650 00	\$55,186 00
Division of State Police, . . . . .	109,980 00	99,100 00
Division of Inspection, . . . . .	139,840 00	124,210 00
Board of Elevator Regulations, . . . . .	1,500 00	—
Board of Boiler Rules, . . . . .	1,600 00	1,600 00
Division of Fire Prevention, . . . . .	23,830 00	28,275 00
	\$360,400 00	\$308,371 00

	Estimates Dec. 1, 1920, to Nov. 30, 1921.	Appropriations, 1920.
Department of Public Works: —		
Administration, . . . . .	\$46,910 00	\$40,000 00
Division of Highways, . . . . .	6,461,767 09	4,379,940 22
Registration of motor vehicles, . . . . .	607,500 00	421,985 56
Division of Waterways, . . . . .	570,170 00	502,900 00
	\$7,686,347 09	\$5,344,825 78
Department of Public Utilities: —		
Commissioners' salaries, . . . . .	\$36,000 00	\$36,000 00
Public Service Division, . . . . .	120,410 00	129,236 85
Gas and Electric Light Division, . . . . .	56,745 00	55,130 00
	\$213,155 00	\$220,366 85
Metropolitan District Commission: —		
Bunker Hill Monument, . . . . .	\$12,277 14	\$12,000 00

## Recapitulation.

	Estimates Dec. 1, 1920, to Nov. 30, 1921.	Appropriations, 1920.	Increase.
Legislative, . . . . .	\$688,060 00	\$680,925 00	\$7,135 00
Judiciary, . . . . .	910,779 66	880,490 15	30,289 51
The Governor and Council, . . . . .	2,032,945 08	2,219,630 00	186,684 92*
Secretary of the Commonwealth, . . . . .	461,530 00	438,063 92	23,466 08
Treasurer and Receiver-General, . . . . .	4,395,903 75	3,661,277 74	734,626 01
Auditor of the Commonwealth, . . . . .	805,395 57	823,125 74	17,730 17*
Attorney-General, . . . . .	97,000 00	84,500 00	12,500 00
Department of Agriculture, . . . . .	192,350 00	133,400 00	58,950 00
Department of Conservation, . . . . .	1,118,635 92	725,242 00	393,393 92
Department of Banking and Insurance, . . . . .	495,415 00	342,852 29	152,562 71
Department of Corporations and Taxa- tion, . . . . .	800,518 00	690,628 93	109,889 07
Department of Education, . . . . .	4,881,486 67	3,962,683 68	918,802 99
Department of Civil Service and Regis- tration, . . . . .	170,879 80	144,375 00	26,504 80
Department of Industrial Accidents, . . . . .	172,430 00	172,743 84	313 84*
Department of Labor and Industries, . . . . .	433,470 00	369,925 00	63,545 00
Department of Mental Diseases, . . . . .	9,054,098 52	7,202,662 04	1,851,436 48
Department of Correction, . . . . .	1,580,988 73	1,399,390 00	181,598 73
Department of Public Welfare, . . . . .	4,784,170 54	4,290,455 50	493,715 04
Department of Public Health, . . . . .	1,753,834 35	1,443,684 62	310,149 73
Department of Public Safety, . . . . .	360,400 00	308,371 00	52,029 00
Department of Public Works, . . . . .	7,686,347 09	5,344,825 78	2,341,521 31
Department of Public Utilities, . . . . .	213,155 00	220,366 85	7,211 85*
Metropolitan District Commission, . . . . .	12,277 14	12,000 00	277 14
	\$43,102,070 82	\$35,551,619 08	\$7,762,392 52
	—	—	211,940 78
	\$43,102,070 82	\$35,551,619 08	\$7,550,451 74
* Decrease	\$186,684 92 17,730 17 313 84 7,211 85 \$211,940 78		

## ESTIMATED ORDINARY REVENUE, 1921.

The estimates of revenue are based upon existing laws relative to taxes, licenses, fees, the income of certain institutions, etc.

Corporation taxes, net: —	
Domestic,	\$2,500,000 00
Foreign,	500,000 00
National bank stock taxes, net,	800,000 00
War bonus taxes,	4,750,000 00
Savings bank taxes,	2,200,000 00
Insurance taxes,	2,235,000 00
Stock transfer tax,	250,000 00
Collateral legacy tax (old law),	20,000 00
Inheritance tax (new law),	4,500,000 00
State highway assessments,	600,000 00
Other assessments,	150,000 00
Fines and penalties,	150,000 00
Unclaimed deposits and escheats,	8,500 00
Motor vehicles registration,	4,750,000 00
Insurance licenses,	100,000 00
Other licenses,	175,000 00
Secretary's fees,	1,000,000 00
Other fees,	250,000 00
Institutions, reimbursements,	800,000 00
Educational institutions, reimbursements,	300,000 00
Income tax, reimbursements,	443,435 00
Other reimbursements,	250,000 00
Institutions, sales,	1,100,000 00
Port of Boston, sale of land, etc.,	152,000 00
Other sales,	250,000 00
Port of Boston, rents,	313,000 00
Other rents,	475,000 00
Interest on deposits,	250,000 00
Income from invested funds,	10,000 00
Gifts and grants,	150,000 00
Miscellaneous,	50,000 00
1920 taxes uncollected: —	
State tax,	1,305,500 00
Other taxes,	1,000,000 00
	<u>\$31,787,435 00</u>
Deduct: —	
Amounts not available for appropriation: —	
War bonus taxes,	\$4,750,000 00
Prison industries,	1,000,000 00
	<u>5,750,000 00</u>
	<u>\$26,037,435 00</u>

Cash on hand Dec. 1, 1920,	\$8,243,301 63
Deduct: —	
Warrants for 1920 expenses drawn in December, .	\$2,550,962 87
Warrants for 1920, unpaid November 30,	72,382 45
So much of available balances of previous appropriations as may be needed (estimated),	\$9,000,000 00
Less amounts included in above for which funds have not been provided,	3,704,550 73
	<u>5,295,449 27</u>
Cash balances to be reserved, .	330,763 88
	<u>8,249,558 47</u>
Deficit,	\$6,256 84
	<u>\$26,031,178 16</u>
Estimates calling for appropriations for 1921, as per statement,	\$43,102,070 82
Less estimated revenue, as above,	26,031,178 16
	<u>\$17,070,892 66</u>
Difference unprovided for,	

These estimates cover only such appropriations as existing legislation requires, and to the difference unprovided for should be added the amount of appropriations passed at the special session of the 1920 Legislature and all special appropriations passed by the 1921 Legislature to determine the amount of the State tax.

## ESTIMATED AND ACTUAL REVENUE, 1920.

	Estimated Revenue, 1920.	Actual Revenue, 1920.
Corporation taxes, net: —		
Domestic,	\$2,200,000 00	\$1,840,931 39
Foreign,	400,000 00	226,174 57
Foreign corporations excise tax,	—	7,873 39
National bank stock taxes, net,	650,000 00	758,881 11
Special corporation income tax,	3,000,000 00	3,166,327 27
Corporation income tax, 1918,	—	7,054 70
War bonus tax,	5,572,000 00	4,317,128 14
Additional income tax,	—	106,950 05
Savings bank taxes,	2,200,000 00	2,217,050 65
Insurance taxes,	2,200,000 00	2,216,002 71
Stock transfer tax,	250,000 00	264,312 20
Collateral legacy tax (old law),	35,000 00	24,529 70
Inheritance tax (new law),	5,000,000 00	4,348,921 62
State highway assessments,	600,000 00	553,047 31
Other assessments,	150,000 00	155,087 79
Fines and penalties,	125,000 00	153,988 80
Unclaimed deposits and escheats,	20,000 00	48,844 91
Motor vehicles registration,	4,000,000 00	3,267,131 24
Liquor licenses,	—	7,024 46
Insurance licenses,	125,000 00	117,111 69
Other licenses,	175,000 00	190,154 74
Secretary's fees,	600,000 00	692,827 38
Other fees,	200,000 00	270,662 72
Institutions, reimbursements,	700,000 00	828,315 28
Educational institutions, reimbursements,	150,000 00	307,888 31
Income tax, reimbursements,	408,460 00	401,888 45
Other reimbursements,	200,000 00	300,923 31
Institutions, sales,	1,000,000 00	1,143,000 56
Port of Boston, sale of land, etc.,	4,000,000 00	4,204,146 18
Other sales,	70,000 00	213,868 03
Port of Boston, rents,	400,000 00	305,942 77
Other rents,	75,000 00	256,246 47
Interest on deposits,	250,000 00	293,641 93
Income from invested funds,	30,000 00	9,830 47
Gifts and grants,	150,000 00	172,895 66
Miscellaneous,	417,479 67	413,956 38
	\$35,352,939 67	\$33,810,562 34

## REVENUE AND EXPENSES FOR 1920.

Section 15 of chapter 11 of the General Laws requires that the Auditor's report shall state whether or not the ordinary expenses of the year have exceeded the income, and show the amount of the balance. In compliance with this provision of law I have to say that —

The actual running expenses of the State government for 1920 were	\$54,516,928 67
The income or revenue applicable thereto was	\$33,810,562 34
To which is to be added the cash on hand Dec. 1, 1919, .	8,034,567 97
	41,845,130 31

Showing a deficiency in income or revenue of . . . \$12,671,798 36

The cash on hand at the beginning of the year is included in the amount of revenue, in compliance with the provision of section 16 of chapter 29 of the General Laws.

## STATE AID AND BOUNTIES.

*Total Payments of State Aid.*

The total payments by the Commonwealth for State and military aid and burial of indigent soldiers and sailors, including appropriations made by the General Court toward maintenance and improvements of the Soldiers' Home in Massachusetts from 1861 to the close of 1919, were	\$45,274,130 89
State and military aid and burial of soldiers and sailors on account of 1919, paid in 1920, .	\$965,781 80
Less refund on account of payments of previous years,	1,000 00
	964,781 80
Special laws, 1920, .	540 00
Soldiers' Home, 1920, .	307,000 00
	964,781 80
Total to Nov. 30, 1920, .	\$46,546,452 69

*Bounties and Gratuities.*

Total payments of bounties on account of soldiers in the civil war to Dec. 1, 1919,	\$17,872,859 82
Gratuities (Acts 1912, chapter 702; 1913, chapters 105 and 443), .	571,500 00
Gratuities (General Acts 1919, chapters 283 and 342), .	17,978,042 05
	36,422,401 87
Total Nov. 30, 1920, .	\$82,969,854 56

## FUNDED DEBT.

**Direct Debt.**

Total direct debt Dec. 1, 1919, .	\$60,914,265 88
Increased during the year by the issue of bonds and notes to the amount of .	16,375,000 00
	\$77,289,265 88

## Decreased by the payment of —

Abolition of grade crossings bonds, .	\$34,000 00
Armory bonds, .	127,000 00
Defence of the Commonwealth notes, .	2,000,000 00
Development of the port of Boston bonds, .	504,000 00
Harbor improvement bonds, .	60,000 00
Massachusetts emergency war bonds and notes, .	132,478 38
Massachusetts military service bonds and notes, .	14,800,000 00
Metropolitan parks, series two, bonds, .	27,693 75
Prisons and hospitals bonds, .	12,000 00
Soldiers' gratuity bonds, .	44,000 00
State highway bonds, .	1,741,500 00
State House construction bonds, .	105,000 00
Suffolk County Court House bonds, .	10,000 00
Western Massachusetts highway bonds, .	144,000 00
	19,741,672 13

\$57,547,593 75

Amount of sinking funds Dec. 1, 1919,	\$20,481,061 27
Increase during the year,	3,594,292 86
	<u>\$24,075,354 13</u>
Less bonds paid or cancelled under chapter 225, Acts of 1920,	1,656,000 00
	<u>\$22,419,354 13</u>
Net direct debt Nov. 30, 1920,	<u>\$35,128,239 62</u>

being a decrease for the year of \$5,304,964.99.

#### Contingent Debt.

Total contingent debt Dec. 1, 1919,	\$77,723,124 40
Increase during the year by the issue of bonds and notes to the amount of	8,252,000 00
	<u>\$85,975,124 40</u>
Decreased by the payment of —	
Charles River Basin bonds,	\$10,000 00
Metropolitan parks bonds,	24,750 00
Metropolitan parks, series two, bonds,	45,806 25
Metropolitan sewerage, north system, bonds,	26,500 00
Metropolitan sewerage, south system, bonds,	27,000 00
Metropolitan water bonds,	43,000 00
North Beacon Street bridge note,	175,000 00
Suffolk County Court House bonds,	20,000 00
	<u>372,056 25</u>
	<u>\$85,603,068 25</u>
Amount of sinking funds Dec. 1, 1919,	\$26,597,482 80
Increase during the year,	1,897,632 41
	<u>28,495,115 21</u>
Net contingent debt Nov. 30, 1920,	<u>\$57,107,953 04</u>

being an increase for the year of \$5,982,311.34.

The direct debt is incurred for State purposes, and is payable by the Commonwealth at large. The contingent debt is a loan of the credit of the Commonwealth to certain metropolitan districts for water, sewerage and parks, and the requirements for interest, sinking funds and serial bonds are annually assessed upon said districts. The contingent debt also includes the loans on account of the Hingham highway and the city of Boston's proportion (two-thirds) of the loan on account of the Suffolk County Court House and Cambridge subway.

#### Increase in Direct Debt.

This debt was increased by the issue of serial bonds and notes of the following loans:—

Defence of the Commonwealth,	\$4,700,000 00
Eastern Massachusetts Street Railway,	50,000 00

Massachusetts military service,	\$11,500,000 00
Metropolitan parks, series two,	125,000 00
	<u>\$16,375,000 00</u>

#### Increase in Direct Debt Sinking Funds.

These funds were increased from the following sources:—

##### Income from Investments.

Abolition of grade crossings,	\$343,376 18
Armory,	68,460 29
Harbor improvement,	11,841 98
Massachusetts war,	40,585 83
Medfield Insane Asylum,	40,399 60
Metropolitan parks, series two,	42,789 67
Prisons and hospitals,	179,310 83
State highway,	121,243 07
	<u>\$848,007 45</u>

##### Street Railway Tax.

Metropolitan parks, series two,	1,722 94
---------------------------------	----------

##### Revenue Appropriation.

Metropolitan parks, series two,	13,559 00
---------------------------------	-----------

##### Development Port of Boston Loan.

Sale of Boston Dry Dock,	\$2,078,561 59
Income from investments,	652,441 88
	<u>2,731,003 47</u>
	<u>\$3,594,292 86</u>

#### Increase in Contingent Debt.

This debt was increased by the issue of serial bonds of the following loans:—

Cambridge subway loan,	\$7,868,000 00
Metropolitan parks, series two, loan,	125,000 00
Metropolitan sewerage, south system, loan,	225,000 00
Metropolitan water loan,	34,000 00
	<u>\$8,252,000 00</u>

#### Increase in Contingent Debt Sinking Funds.

These funds were increased from the following sources:—

##### Income from Investments.

Charles River Basin,	\$47,952 70
Metropolitan parks,	168,465 80
Metropolitan parks, series two,	42,789 68
Metropolitan sewerage, north system,	127,573 94
Metropolitan sewerage, south system,	75,852 63
Metropolitan water,	689,479 74
	<u>\$1,152,114 49</u>

*Assessments on Cities and Towns.*

Charles River Basin, . . . . .	\$8,722 10	
Metropolitan parks, . . . . .	66,334 36	
Metropolitan parks, series two, . . . . .	13,559 00	
Metropolitan sewerage, north system, . . . . .	147,135 69	
Metropolitan sewerage, south system, . . . . .	122,172 06	
Metropolitan water, . . . . .	248,053 52	
		\$605,976 73

*Rents, Land Products, etc.*

Metropolitan sewerage, north system, . . . . .	\$216 64	
Metropolitan water, . . . . .	111,086 75	
		111,303 39

*Street Railway Tax.*

Metropolitan parks, series two, . . . . .		1,722 94
---	--	----------

*Boston Embankment.*

Charles River Basin: —		
Assessments, . . . . .	\$923 46	
Interest, . . . . .	25,591 40	
		26,514 86

\$1,897,632 41

## LOANS, SINKING FUNDS AND ANNUAL INTEREST.

*Direct Debt.*

	Latest Maturity.	Amount.	Sinking Fund.	Annual Interest.
Abolition of grade crossings, . . . . .	1939	\$10,300,000 00	\$8,297,409 89	\$372,945 00
Abolition of grade crossing, serial bonds, . . . . .	1941	677,000 00	—	
Armory, . . . . .	1939	2,281,500 00	1,613,004 32	133,162 50
Armory, serial bonds, . . . . .	1944	1,487,500 00	—	
Defence of the Commonwealth, serial bonds, . . . . .	1929	2,700,000 00	—	128,250 00
Development of the port of Boston, serial bonds, . . . . .	1957	7,196,000 00	2,430,003 47	291,565 00
Eastern Massachusetts Street Railway, notes, . . . . .	— <sup>1</sup>	50,000 00	—	—
Harbor improvement, . . . . .	1937	500,000 00	286,151 81	39,525 00
Harbor improvement, serial bonds, . . . . .	1933	565,000 00	—	
Hingham highway, notes, . . . . .	— <sup>1</sup>	27,750 00	—	—
Hingham highway, war, . . . . .	1928	1,240,000 00	980,723 85	37,200 00
Massachusetts Hospital for Consumptives, . . . . .	1939	765,500 00	—	25,930 00
Massachusetts Hospital for Epileptics, . . . . .	1939	666,450 00	4,332,902 17	21,973 50
Prisons and hospitals, . . . . .	1939	5,906,500 00	—	216,717 50
Prisons and hospitals, serial bonds, . . . . .	1940	238,000 00	—	
Massachusetts emergency war, serial bonds, . . . . .	1928	280,000 00	—	11,900 00
Massachusetts military service, serial bonds, . . . . .	1922	600,000 00	—	19,500 00
Massachusetts military service, notes, . . . . .	1921	7,000,000 00	—	204,750 00
Medfield Insane Asylum, . . . . .	1936	1,169,800 00	976,223 62	40,943 00

<sup>1</sup> Demand.*Direct Debt — Concluded.*

	Latest Maturity.	Amount.	Sinking Fund.	Annual Interest.
Metropolitan parks, series two, . . . . .	1949	\$2,567,500 00	\$1,048,931 48	\$114,301 13
Metropolitan parks, series two, serial bonds, . . . . .	1956	672,093 75	—	
Soldiers' gratuity, serial bonds, . . . . .	1922	100,000 00	—	3,840 00
State highway, . . . . .	1933	3,225,000 00	2,452,003 52	255,923 75
State highway, serial bonds, . . . . .	1941	3,959,000 00	—	
State House construction, . . . . .	1915	2,000 00	2,000 00	67,600 00
State House construction, serial bonds, . . . . .	1939	1,695,000 00	—	6,230 00
Suffolk County Court House, serial bonds, . . . . .	1939	180,000 00	—	62,870 00
Western Massachusetts highway, serial bonds, . . . . .	1932	1,496,000 00	—	
Totals, . . . . .		\$57,547,593 75	\$22,419,354 13	\$2,055,126 38
Less sinking funds, . . . . .		22,419,354 13		
Net direct debt, . . . . .		\$35,128,239 62		

*Contingent Debt.*

Cambridge subway, serial bonds, . . . . .	1970	\$7,868,000 00	—	\$358,125 00
Charles River Basin, . . . . .	1950	4,125,000 00	\$1,191,140 02	152,650 00
Charles River Basin, serial bonds, . . . . .	1954	293,000 00	—	
Hingham highway, . . . . .	— <sup>1</sup>	46,250 00	—	—
Metropolitan parks, serial bonds, . . . . .	1956	205,000 00	—	308,765 63
Metropolitan parks, . . . . .	1949	8,785,000 00	4,133,354 53	
Metropolitan parks, Nantasket, . . . . .	1941	700,000 00	—	21,000 00
Metropolitan parks, series two, . . . . .	1949	2,567,500 00	1,048,931 48	121,471 37
Metropolitan parks, series two, serial bonds, . . . . .	1956	860,406 25	—	
Metropolitan sewerage, north system, . . . . .	1949	6,563,000 00	3,221,141 35	232,651 68
Metropolitan sewerage, north system, serial bonds, . . . . .	1956	771,000 00	—	
Metropolitan sewerage, south system, . . . . .	1946	8,877,912 00	1,947,382 68	337,022 36
Metropolitan sewerage, south system, serial bonds, . . . . .	1956	855,000 00	—	
Metropolitan water, . . . . .	1950	41,398,000 00	16,953,165 15	1,444,638 75
Metropolitan water, serial bonds, . . . . .	1956	1,328,000 00	—	
Suffolk County Court House, serial bonds, . . . . .	1939	360,000 00	—	12,460 00
Totals, . . . . .		\$85,603,068 25	\$28,495,115 21	\$2,988,784 79
Less sinking funds, . . . . .		28,495,115 21		
Net contingent debt, . . . . .		\$57,107,953 04		

<sup>1</sup> Demand.*Net Direct Debt for Five Years.*

Nov. 30, 1916, . . . . .	\$30,577,256 76
Nov. 30, 1917, . . . . .	33,658,551 32
Nov. 30, 1918, . . . . .	32,058,102 31
Nov. 30, 1919, . . . . .	40,433,204 61
Nov. 30, 1920, . . . . .	35,128,239 62

## ABOLITION OF GRADE CROSSINGS LOAN.

There were no bonds issued during the year 1920 for the further abolition of grade crossings, the total issue to date being \$11,300,000. Of this amount, \$323,000 have been redeemed, leaving outstanding Nov. 30, 1920, \$10,977,000. Under the general laws there have been authorized \$10,000,000, and under special laws there have been authorized and issued for Tremont Street, Boston, Hyde Park and Dedham, \$3,000,000, and for Congress Street, Boston, \$300,000, making a total of \$13,300,000 authorized.

As provided in section 30 of Part I of chapter 463 of the Acts of 1906, advances have been made for cities and towns, which have not as yet been returned, to the amount of \$43,310.50.

Section 45 of Part I of chapter 463 of the Acts of 1906 provides that "The amount so to be paid by the commonwealth in any one year shall not exceed five hundred thousand dollars, but if in any one year the expenditure by the commonwealth shall not amount to five hundred thousand dollars, the unexpended remainder thereof shall be added to the five hundred thousand dollars allowed to be paid in any subsequent year."

On Dec. 1, 1919, there was a balance in the loan of	\$689,245 21
Expenditures during the year,	\$1,224 95
Less advances for cities and towns,	55 70
Commonwealth's proportion,	1,169 25
Balance Nov. 30, 1920,	\$688,075 96

## ARMORY LOAN.

There were no bonds issued during the year 1920. The total amount of bonds issued to Nov. 30, 1920, for armory purposes is \$5,227,100. Of this amount, \$1,458,100 have been redeemed, leaving outstanding bonds to the amount of \$3,769,000.

## CAMBRIDGE SUBWAY LOAN.

Chapter 369 of the General Acts of 1919 provides for the purchase by the Commonwealth of the Cambridge subway. Section 1 provides that the Department of Public Utilities shall certify the net cost paid properly and in good faith by the Boston Elevated Railway Company on account of the property to be conveyed which has been met by the company out of the proceeds from the issue of stock or bonds or for which stock or bonds may lawfully be issued, including in such net cost interest during construction charged to property account and the amount which was paid by the company toward the cost of the Cambridge bridge under chapter 500 of the Acts of 1897, and for permanent improvements upon its elevated location thereon, but not including interest or any other item of cost which has been met from income. The cost so certified shall be paid by the Commonwealth to the company if not more than \$8,000,000. Section 3 provides that the Department of Public Utilities shall lease the property exclusively to the Boston Elevated Railway Company

at an annual rental equal to the total interest obligations of the Commonwealth in respect of the bonds issued for said purchase for the year on account of which said rental is paid, increased by one-half of 1 per cent of the principal sums on which said interest payments are made and by  $4\frac{1}{2}$  per cent of the principal sums of all bonds issued for said purchase which shall have been paid and retired. The purchase price was fixed at \$7,868,000.

Bonds have been issued this year to the amount of \$7,868,000, bearing interest at  $4\frac{1}{2}$  and 5 per cent, payable for a period of fifty years.

## CHARLES RIVER BASIN LOAN.

The total amount of Charles River Basin loan bonds issued to date is \$4,500,000, of which \$82,000 have been redeemed, leaving bonds to the amount of \$4,418,000 outstanding. No bonds were issued during the year.

## DEFENCE OF THE COMMONWEALTH LOAN.

Chapter 367 of the General Acts of 1919 (special session of 1919) provides that the Governor, with the consent of the Council, be authorized to incur and pay expenses for the defence of the Commonwealth in connection with the emergency which required the use of the State Guard in the city of Boston.

For the purpose of meeting the expenditures incurred under this act the Treasurer and Receiver-General is authorized, with the approval of the Governor and Council, to issue bonds or certificates of indebtedness to an amount not exceeding \$3,000,000 for a period of ten years.

There were issued on Dec. 22, 1919, notes for \$2,000,000, bearing interest at 4.39 per cent and paid March 1, 1920.

Bonds to the amount of \$2,700,000, bearing interest at 5 per cent, have been issued this year.

## DEVELOPMENT OF THE PORT OF BOSTON LOAN.

The total amount of development of the port of Boston loan bonds issued to date under the provisions of chapter 748 of the Acts of 1911 is \$9,000,000, of which \$1,501,000 have been redeemed, and \$301,000 canceled as authorized by section 4 of chapter 225 of the Acts of 1920, leaving bonds to the amount of \$7,198,000 outstanding. No bonds were issued during the year.

## EASTERN MASSACHUSETTS STREET RAILWAY.

Chapter 188 of the Special Acts of 1918 authorizes the Bay State Street Railway Company to organize a new company, the five trustees of which shall be appointed by the Governor, with the advice and consent of the Council. The trustees are required to notify the Treasurer and Receiver-General of the amount of any deficiency in the earnings of the new company applicable to dividends and necessary to provide for maturing serial bonds. The said Treasurer and Receiver-General shall purchase of the trustees an amount of serial bonds equal to said deficiency. The serial bonds so purchased shall be held by the Treasurer and Receiver-General for the benefit of cities and towns con-

tributing to their purchase price, and the interest received thereon shall be distributed to the said cities and towns in proportion to their contributions. The amount contributed by the cities and towns shall be determined by the company in proportion to the number of persons using the service in the said cities and towns in which the company operates. The act further authorizes the Treasurer and Receiver-General to borrow money for the purpose of buying the serial bonds, the same to be repaid from the contributions of the cities and towns. The amount of \$50,000 was borrowed by the Treasurer on a demand note dated Dec. 31, 1919, interest  $4\frac{1}{2}$  per cent, and with said money a serial bond for \$50,000 was purchased to be held in trust as directed. The note was still outstanding Nov. 30, 1920.

#### HARBOR IMPROVEMENT LOAN.

The total amount of harbor improvement loan bonds to date is \$1,325,000, of which \$260,000 have been redeemed, leaving outstanding bonds to the amount of \$1,065,000. No bonds were issued during the year.

#### HINGHAM HIGHWAY LOAN.

There were outstanding on this account Nov. 30, 1920, two demand notes to the amount of \$74,000.

#### MASSACHUSETTS EMERGENCY WAR LOAN.

The total amount of bonds issued for this purpose under authority of chapter 278 of the General Acts of 1918 is \$350,000, of which \$70,000 have been redeemed, leaving bonds to the amount of \$280,000 outstanding. No bonds were issued during the year. There was issued on Dec. 17, 1918, a demand note, bearing interest at  $4\frac{1}{2}$  per cent, for \$97,478.38, under the provisions of chapter 324 of the General Acts of 1917, which authorized the Governor, with the consent of the Council, to incur expenses to meet any emergency which might arise during the recess of the General Court. The note was paid Dec. 19, 1919.

#### MASSACHUSETTS MILITARY SERVICE LOAN.

Chapter 283 of the General Acts of 1919 provides that there shall be paid each commissioned officer, enlisted man, field clerk and army or navy nurse, duly recognized as such by the War or Navy Department, who was mustered into the Federal service and reported for active duty subsequently to Feb. 3, 1917, and prior to Nov. 11, 1918, and to each commissioned officer, warrant officer, nurse and enlisted man who enlisted or was enrolled in or was mustered into the Federal service, and who had been called and reported for active duty in the United States Navy, United States Naval Reserve Forces, United States Marine Corps, United States Coast Guard or the National Navy Volunteers, the sum of \$100.

For the purpose of meeting the expenditures incurred under this act the Treasurer and Receiver-General is authorized, with the approval of the Governor and Council, to issue bonds or notes from time to time, as they are needed, to an amount not exceeding \$20,000,000.

There were issued during the year notes to the amount of \$11,500,000, \$1,500,000 bearing interest at 5.35 per cent, and \$10,000,000 at 5.85 per cent. Of the above amount \$10,000,000 paid the notes issued in 1919 and due March 1, 1920. There were outstanding Nov. 30, 1920, notes to the amount of \$7,000,000.

The total amount of bonds and notes issued to date for State pay on account of military service on the Mexican Border and in the war with Germany, as authorized by chapter 211 of the General Acts of 1917 and chapter 92 of the General Acts of 1918, is \$1,860,000. The amount of \$1,260,000 has been paid, leaving a balance outstanding of \$600,000.

#### METROPOLITAN PARKS LOAN.

The total amount of metropolitan parks loan bonds issued to date is \$9,809,000, of which \$119,000 have been redeemed, leaving bonds outstanding to the amount of \$9,690,000. No bonds were issued during the year.

#### METROPOLITAN PARKS LOAN, SERIES TWO (PARKWAYS AND BOULEVARDS).

There were issued this year bonds to the amount of \$250,000, bearing interest at  $4\frac{1}{2}$  per cent, under authority of chapter 175 of the General Acts of 1919.

The total amount of metropolitan parks loan, series two, bonds issued to date is \$6,973,000, of which \$305,500 have been redeemed, leaving a balance outstanding of \$6,667,500.

#### METROPOLITAN SEWERAGE LOAN.

The Metropolitan District Commission is authorized, by chapter 525 of the Acts of 1920, to complete Wellesley extension of the south metropolitan sewerage system, as authorized by chapter 237 of the General Acts of 1919 and chapter 343 of the Acts of 1914. To provide for the expenses incurred under this act the Treasurer and Receiver-General is authorized to issue from time to time bonds or notes, with the approval of the Governor and Council, to an amount not exceeding \$100,000.

There were issued during the year bonds to the amount of \$225,000, bearing interest at  $4\frac{1}{2}$  per cent, under authority of chapter 237 of the General Acts of 1919.

The total amount of metropolitan sewerage loan bonds issued to date is \$17,311,412, of which \$244,500 have been redeemed, leaving a balance outstanding of \$17,066,912, as follows: —

	Issued.	Paid.	Outstanding.
North system,	\$7,488,500	\$154,500	\$7,334,000
South system,	9,822,912	90,000	9,732,912
	\$17,311,412	\$244,500	\$17,066,912

## METROPOLITAN WATER LOAN.

The Metropolitan District Commission is authorized, by chapter 530 of the Acts of 1920, to purchase and install certain equipment at the northern high service pumping station at Spot Pond in Stoneham; to purchase and install certain equipment for the southern high service pumping stations at Chestnut Hill Reservoir; to replace Arlington standpipe; to increase the capacity and reinforce the pipe line for the northern high service district; to construct direct gravity lines to connect with the proposed western aqueduct and Spot Pond. To meet the expenditures incurred under the provisions of this act the Treasurer and Receiver-General is authorized to issue notes or bonds to an amount not exceeding \$2,705,000.

There were issued during the year bonds to the amount of \$34,000, bearing interest at  $4\frac{1}{4}$  per cent, under authority of chapters 165 and 167 of the General Acts of 1919.

The total amount of metropolitan water loan bonds issued to date is \$42,947,000, of which \$221,000 have been redeemed, leaving a balance outstanding of \$42,726,000.

## NORTH BEACON STREET BRIDGE LOAN.

A 5 per cent note for \$175,000, due on demand, issued Nov. 15, 1917, for the construction of a bridge over the Charles River between the city of Boston and the town of Watertown at North Beacon Street, authorized by chapter 780 of the Acts of 1914, was paid Nov. 30, 1920.

## PRISONS AND HOSPITALS LOAN.

No bonds were issued during the year.

The total issue of bonds for prisons and hospitals to Nov. 30, 1920, is \$9,576,250, as follows:—

Prisons and hospitals loan:—	
Boston State Hospital, . . . . .	\$1,958,000 00
Danvers State Hospital, . . . . .	232,400 00
Foxborough State Hospital, . . . . .	130,000 00
Gardner State Colony, . . . . .	462,550 00
Grafton State Hospital, . . . . .	410,000 00
Industrial School for Boys, . . . . .	126,000 00
Lyman School for Boys, . . . . .	47,000 00
Massachusetts Hospital School, . . . . .	300,000 00
Massachusetts School for the Feeble-minded, . . . . .	405,000 00
Massachusetts Reformatory, . . . . .	22,700 00
Northampton State Hospital, . . . . .	179,000 00
Reformatory for Women, . . . . .	9,000 00
State Farm, . . . . .	478,500 00
State Industrial School for Girls, . . . . .	31,350 00
State Infirmary, . . . . .	341,300 00
Taunton State Hospital, . . . . .	245,600 00
Westborough State Hospital, . . . . .	449,300 00
Worcester State Asylum, . . . . .	443,000 00
Worcester State Hospital, . . . . .	158,000 00
Wrentham State School, . . . . .	245,800 00
	<hr/>
	\$6,674,500 00

Massachusetts Hospitals for Consumptives loan, . . . . .	\$765,500 00
Massachusetts Hospital for Epileptics loan, . . . . .	666,450 00
Medfield Insane Asylum loan, . . . . .	1,469,800 00
	<hr/>
	\$9,576,250 00

Of this amount, \$830,000 have been redeemed, leaving a balance outstanding of \$8,746,250, as follows:—

	Issued.	Paid.	Outstanding.
Prisons and hospitals loan, . . . . .	\$6,674,500	\$530,000	\$6,144,500
Massachusetts Hospitals for Consumptives loan, . . . . .	765,500	—	765,500
Massachusetts Hospital for Epileptics loan, . . . . .	666,450	—	666,450
Medfield Insane Asylum loan, . . . . .	1,469,800	300,000	1,169,800
	<hr/>		
	\$9,576,250	\$830,000	\$8,746,250

## SOLDIERS' GRATUITY LOAN.

Under the provisions of chapter 702 of the Acts of 1912, as amended by chapter 105 of the Acts of 1913, there has been allowed and paid during the year one claim, making the total number of claims paid to date 4,572, amounting to \$571,500. The total amount of bonds issued for this purpose to date is \$505,000, of which \$405,000 have been redeemed, leaving the balance of \$100,000 outstanding.

## STATE HIGHWAY LOAN.

No highway projects requiring bond issues were authorized by the Legislature of 1920.

The total issue of State highway loan bonds to Nov. 30, 1920, is \$11,767,000, of which \$4,582,000 have been redeemed, leaving a balance outstanding of \$7,185,000.

## STATE HOUSE CONSTRUCTION LOAN.

From 1889 to date, \$6,115,000 of State House construction loan bonds have been issued, of which \$4,318,000 have been redeemed, leaving a balance outstanding of \$1,697,000.

## WESTERN MASSACHUSETTS HIGHWAY LOAN.

The total issue of western Massachusetts highway loan bonds to Nov. 30, 1920, is \$2,000,000, of which \$504,000 have been redeemed, leaving a balance outstanding of \$1,496,000.

## TRANSFERS TO COVER CERTAIN DEFICIENCIES, AS AUTHORIZED BY CHAPTER 549 OF THE ACTS OF 1908.

## Legislative Department:—

Committee on rules, salaries, . . . . .	\$1,255 15
Manual for the General Court, . . . . .	107 37
Legislative bulletin, . . . . .	323 70

Legislative investigations: —	
Care of soldiers' graves in France, . . . . .	\$2,500 00
Judiciary: —	
Supreme Judicial Court, court expenses, . . . . .	500 00
Reporter of Decisions, expenses, . . . . .	500 00
Superior Court, justices, additional travel, . . . . .	1,029 23
Land Court, expenses, . . . . .	3,027 16
Executive Department: —	
Personal services, . . . . .	449 33
Contingent, . . . . .	2,000 00
Department of the Chief Surgeon: —	
Personal services, . . . . .	60 55
Superintendent of Buildings: —	
Spanish and world war flag receptacle, . . . . .	300 00
Telephones, . . . . .	3,500 00
Removal of departments, . . . . .	2,000 00
Alterations in State House extension, . . . . .	3,000 00
Commission on Consolidating and Arranging the General Laws: —	
Personal services, . . . . .	1,000 00
Secretary's Department: —	
Purchase of paper, . . . . .	3,118 56
Primary elections, . . . . .	34,000 00
Supervisor of Public Records, standard record ink, . . . . .	450 00
State Census Director, summer census, . . . . .	537 42
Treasurer's Department: —	
Board of Retirement, pensions, . . . . .	659 09
Auditor's Department: —	
Veterans retired from the State service, . . . . .	1,607 63
Retired prison officers, . . . . .	115 73
Retired district police, . . . . .	1,003 22
Construction and improvement of buildings, . . . . .	3,227 09
Department of Banking and Insurance: —	
Division of Banks and Loan Agencies, examiners, clerks, experts, etc., . . . . .	5,400 00
Department of Corporations and Taxation: —	
Division of Corporations and Taxation, travel, . . . . .	1,000 00
Division of Corporations and Taxation, printing report, . . . . .	287 74
Department of Education: —	
Massachusetts Nautical School, personal services, . . . . .	11 75
Department of Civil Service and Registration: —	
Board of Registration of Nurses, clerical services, . . . . .	4 95
Board of Registration in Optometry, expenses, . . . . .	300 00
Board of Registration in Pharmacy, personal services, . . . . .	2 01
Department of Public Welfare: —	
Trustees, Massachusetts Training Schools, travel and other expenses, . . . . .	1,300 00
Department of Public Safety: —	
Administration, personal services, . . . . .	99 86
Boiler Department, personal services, . . . . .	73 13
Boiler Department, traveling expenses, . . . . .	860 48
Board of Boiler Rules, expenses, . . . . .	1,000 00
Department of Public Works: —	
Registration of motor vehicles, personal services, . . . . .	5,409 84
	\$82,020 99

In the following table are shown the gross weekly cost and net weekly cost, with the number of inmates, of charitable and reformatory institutions, and the number of pupils in the normal and textile schools. These per capita costs are figured upon expenditures made from maintenance appropriations, no allowance being made for the cost of the plant.

NAME OF INSTITUTION.	Average Number of Inmates.	Gross Weekly Cost.	Net Weekly Cost.
<i>Insane and Feeble-minded.</i>			
Boston, . . . . .	1,813.69	\$9 0600	\$8 2280
Danvers, . . . . .	1,529.00	7 4035	6 2496
Foxborough, . . . . .	482.62	10 6824	9 9808
Gardner, . . . . .	839.07	7 2243	6 9391
Grafton, . . . . .	1,398.98	7 3961	7 0862
Massachusetts School for the Feeble-minded, . . . . .	1,570.64	6 7646	6 5395
Medfield, . . . . .	1,555.43	7 3376	7 0245
Monson, . . . . .	969.54	7 5168	7 1013
Northampton, . . . . .	1,007.56	6 6900	5 0966
Taunton, . . . . .	1,330.90	6 8134	6 0638
Westborough, . . . . .	1,284.81	8 3344	6 7230
Worcester, . . . . .	2,015.85	6 4612	5 5538
Wrentham State School, . . . . .	1,227.78	6 9663	6 8778
<i>Tuberculosis Sanatoria.</i>			
Lakeville, . . . . .	231.34	16 5200	13 5434
Massachusetts Hospital School, . . . . .	274.44	9 9421	6 8851
North Reading, . . . . .	188.30	16 2926	16 1896
Rutland, . . . . .	345.27	16 7834	14 0003
Westfield, . . . . .	265.25	14 2453	11 0596
<i>Other Charitable.</i>			
Norfolk, . . . . .			
State Infirmary, . . . . .	1,979.23	8 2349	7 7167
Penikese, . . . . .	16.00	42 9000	40 6525
<i>Reformatory and Correctional.</i>			
Industrial School for Boys, . . . . .	221.16	13 4840	13 4072
Industrial School for Girls, . . . . .	334.52	8 9492	8 9275
Lyman School for Boys, . . . . .	438.79	9 8479	9 8240
State Farm, . . . . .	1,345.00	6 1696	5 6610
State Prison, . . . . .	501.06	11 5189	11 3635
Prison Camp and Hospital, . . . . .	71.23	21 1413	21 0738
Massachusetts Reformatory, . . . . .	388.00	14 1565	13 7156
Reformatory for Women, . . . . .	168.13	18 4149	18 1614
<i>Normal Schools.</i>			
Bridgewater, . . . . .	365.59	5 9025	5 8340
Fitchburg, . . . . .	259.10	8 8148	8 7690
Framingham, . . . . .	360.00	6 1907	6 0486
Hyannis, . . . . .	135.00	5 0843	4 9532
Lowell, . . . . .	145.00	6 9139	6 8539
North Adams, . . . . .	95.00	11 3557	11 2650
Salem, . . . . .	230.00	8 9630	8 9386
Westfield, . . . . .	98.80	12 9086	12 8343
Worcester, . . . . .	111.00	9 2352	9 1768
Normal Art, . . . . .			
<i>Textile Schools.</i>			
Fall River, . . . . .	559.73	1 8520	1 7282
Lowell, . . . . .	1,101.00	2 54325	1 5822
New Bedford, . . . . .	379.32	3 2250	2 8215

Chapter 370, Acts of the year 1914, provides that money may be advanced from the treasury of the Commonwealth to officials authorized to expend money,

subject to such rules and regulations as the Auditor of the Commonwealth may determine. One of the purposes enumerated is to secure cash discounts whenever possible.

Below is given a table showing increased savings to the Commonwealth in this way:—

STATEMENTS OF DISCOUNTS.

NAME OF INSTITUTION.	1918.	1919.	1920.
<i>Insane and Feeble-minded.</i>			
Boston,	\$1,584 83	\$1,804 63	\$2,238 23
Danvers,	1,328 85	1,421 70	1,532 43
Foxborough,	583 63	851 65	1,029 38
Gardner,	1,747 34	1,570 82	1,611 22
Grafton,	1,753 03	1,912 66	1,690 05
Massachusetts School for the Feeble-minded,	1,325 74	1,516 40	1,719 83
Medfield,	1,880 95	1,954 54	1,859 23
Monson,	673 40	795 56	1,262 38
Northampton,	510 93	516 36	848 78
Taunton,	1,811 77	1,854 89	1,640 18
Westborough,	— <sup>1</sup>	— <sup>1</sup>	1,527 43
Worcester,	1,365 17	1,267 43	1,927 69
Wrentham School,	1,451 07	1,384 63	1,726 72
<i>Tuberculosis Sanatoria.</i>			
Lakeville,	550 41	549 47	344 90
Massachusetts Hospital School,	254 37	261 82	287 02
North Reading,	163 89	157 82	208 78
Rutland,	566 46	514 64	559 33
Westfield,	374 71	396 82	530 92
<i>Other Charitable.</i>			
Norfolk,	271 31	63	—
State Infirmary,	2,840 55	2,643 25	3,063 91
Penikese,	—	61 51	40 77
<i>Reformatory and Correctional.</i>			
Industrial School for Boys,	152 61	128 03	376 79
Industrial School for Girls,	226 97	261 17	269 66
Lyman School for Boys,	382 90	474 51	693 76
State Farm,	973 64	1,120 52	1,135 74
State Prison,	290 88	368 47	335 56
Prison Camp and Hospital,	247 18	270 07	296 84
Massachusetts Reformatory,	382 09	295 70	302 73
Reformatory for Women,	2,357 29	2,889 83	2,302 22
<i>Normal Schools.</i>			
Bridgewater,	247 94	255 85	358 00
Fitchburg,	67 72	114 65	159 25
Framingham,	380 17	214 22	265 05
Hyannis,	1 13	25 72	110 35
Lowell,	116 21	113 42	32 13
North Adams,	97 90	96 40	99 11
Salem,	25 73	64 31	185 04
Westfield,	47 72	37 95	30 90
Worcester,	38 84	41 65	58 29
Normal Art,	42 50	78 47	46 12
<i>Textile Schools.</i>			
Fall River,	—	27 68	17 41
Lowell,	—	257 69	194 77
New Bedford,	—	86 15	129 61
Massachusetts Agricultural College,	—	521 34	590 52
	\$27,117 83	\$29,181 03	\$33,639 03

<sup>1</sup> Westborough State Hospital failed to make a return.

## RECOMMENDATIONS.

Section 23 of chapter 29 of the General Laws provides that money may be advanced to certain officers in such sums as the State Auditor may determine for the purpose of carrying out the provisions of law requiring weekly payment of wages, to secure cash discounts and to pay traveling expenses. For other purposes there may be advanced a sum not exceeding \$150 at any one time, with certain exceptions. I believe that this latter provision is too narrow. The Secretary of State at election time, the Income Tax Division and other departments find it necessary at times to purchase a large amount of postage stamps to send out various circulars and forms, and an advance of \$150 is wholly inadequate for this purpose. These stamps can only be obtained by the payment of cash, and I would respectfully recommend that said section 23 be amended so that the State Auditor may make advances for such purposes and in such amounts as he may deem advisable.

Section 7 of chapter 11 of the General Laws reads in part: "If the general court, by express statute, authorizes a department or public officer to approve accounts or demands against the commonwealth, and an appropriation therefor has been made, the auditor shall . . . promptly audit and certify such an amount, not exceeding the appropriation therefor, as he may deem correct; and if it appears to him that there are improper charges in said accounts or demands he shall report the same to the governor and council, with a separate certificate therefor." The Auditor formerly had the authority to make final judgment on the question of the propriety of charges, and I would recommend that the statute cited above be amended so as to restore to him that power.

I recommend that section 42 of chapter 30 of the General Laws be amended by designating the Auditor of the Commonwealth as one of the officials to act relative to the disposal by the Commonwealth of duplicate and worthless books and documents.

I recommend that section 35 of chapter 3 of the General Laws be amended so as to give the Auditor of the Commonwealth authority with the chairmen and clerks of committees of the General Court to designate the newspapers in which advertisements of hearings of committees shall be published.

I recommend that chapter 428 of the Acts of 1920 be amended by striking out the words "for a period of one year from the passage of this act."

Respectfully submitted,

ALONZO B. COOK,  
Auditor.

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 206-209.

## DETAIL No. 206.

PAYMENTS TO FAMILIES OR DEPENDENTS OF FIREMEN KILLED OR FATALLY  
INJURED WHILE IN THE DISCHARGE OF THEIR DUTIES.

[Revised Laws, chap. 32, sect. 77; Acts 1920, chaps. 225, 629.]

Henry C. Christensen, Jr. — Henry Christensen, administrator,	\$1,000 00
John Griffin — Ellen T. Griffin, administratrix,	1,000 00
Daniel H. Harrington — Julia F. Harrington, administratrix,	1,000 00
Clarence C. Hemenway — Minnie B. Hemenway, executrix,	1,000 00
George T. Irvine — Anna G. Irvine, executrix,	1,000 00
George H. Layhe — Elizabeth C. Layhe, administratrix,	1,000 00
Michael J. Mahan — Catherine Mahan, administratrix,	1,000 00
Edward A. Prouty — Lizzie G. Prouty, administratrix,	1,000 00
Arthur St. John — Everett St. John, administrator,	1,000 00
George E. Taylor — M. Louise Taylor, administratrix,	1,000 00
Harry D. Towne — Elizabeth V. Towne, administratrix,	1,000 00
Henry A. Trull — A. Harold Trull, administrator,	1,000 00
	\$12,000 00

## DETAIL No. 207.

## GRATUITIES.

[Acts 1920, chap. 629.]

Annie E. Pavey,	\$846 77
-----------------	----------

## DETAIL No. 208.

## REIMBURSEMENT OF STATE EMPLOYEES IN MILITARY SERVICE.

[Acts 1917, chap. 301; 1919, chaps. 153, 242.]

COMPENSATION OF EMPLOYEES OF THE COMMONWEALTH IN THE MILITARY OR NAVAL SERVICE OF THE UNITED STATES DURING THE WORLD WAR.	
Sundry persons,	\$5,165 11

## DETAIL No. 209.

## AID TO TECHNICAL SCHOOLS.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY. [Resolves 1911, chap. 78; Acts 1920, chap. 225.]	
Treasurer of the institute,	\$100,000 00
WORCESTER POLYTECHNIC INSTITUTE. [Resolves 1912, chap. 87; Acts 1920, chap. 225.]	
Treasurer of the institute,	50,000 00
	\$150,000 00

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 210-212.

## DETAIL No. 210.

## MASSACHUSETTS SOLDIERS' HOME — GRATUITY.

[Acts 1920, chap. 225.]

Trustees of the home for maintenance,	\$170,000 00
---------------------------------------	--------------

## DETAIL No. 211.

## MASSACHUSETTS SOLDIERS' HOME — POWER PLANT AND LAUNDRY.

[Acts 1920, chaps. 225, 629.]

Harrison H. Atwood, architect,	\$5,325 28
Ira G. Hersey, supervisor,	600 00
Joseph Slotnik, contract, additions to power plant and new laundry,	78,418 32
Drying machine,	2,105 00
Freight, etc.,	39 57
Plumbing supplies,	27 00
	\$86,515 17

## DETAIL No. 212.

## CONSTRUCTION AND IMPROVEMENT OF BUILDINGS.

[Acts 1918, chap. 290; 1920, chaps. 225, 629.]

BOSTON STATE HOSPITAL.		
Kendall, Taylor & Co., architects: —		
Administration building,	\$1,298 80	
Reception building,	3,520 00	\$4,818 80
FOXBOROUGH STATE HOSPITAL.		
James E. McLaughlin, architect: —		
Administration building,	\$1,400 00	
Barn,	400 00	
Ward building,	1,485 00	3,285 00
LAKEVILLE STATE SANATORIUM.		
Wilson G. Harlow, architect: —		
Additions to barn,	\$55 00	
Storehouse,	20 00	75 00
LYMAN SCHOOL FOR BOYS.		
Densmore & LeClear, architects, storehouse,		1,050 70
MEDFIELD STATE HOSPITAL.		
Kendall, Taylor & Co., architects, reconstruction of central kitchen and dining room,		1,087 50
NEW BEDFORD TEXTILE SCHOOL.		
Leary & Walker, engineers, extension to school,		325 00
REFORMATORY FOR WOMEN.		
Richard D. Kimball Company, engineers, carpenter shop and root cellar,		206 00

	PAGE
Insolvent corporations fund, unclaimed dividends from, . . . . .	53, 501
Inspection, Division of, . . . . .	451
Inspection of State boundary monuments, . . . . .	477
Inspectors:	
Animals, . . . . .	209
Dumping, . . . . .	476
Electric meters, . . . . .	482
Gas meters, . . . . .	483
Institute of Technology, Massachusetts, . . . . .	206, 525, 531
Institution receipts, . . . . .	44
Institutions, State, recess committee on, . . . . .	121
Instruction in public schools of children from the Lyman and Industrial schools, . . . . .	410
Insurance, Commissioner of, . . . . .	35, 244
Insurance, Division of, . . . . .	50, 244
Insurance companies tax, . . . . .	19, 60
Insurance Guaranty Fund, trustees of, . . . . .	245
Insurance licenses, etc., . . . . .	36, 61
Insurance Rates, Fire, Board of Appeal on, . . . . .	245
Intelligence Bureau, Adjutant-General's department, . . . . .	142
Interest, . . . . .	8, 194
Interest on:	
Bank balances, . . . . .	571
Debt, . . . . .	xiv
Deferred payments, . . . . .	8, 53, 60
Deposits, etc., . . . . .	8, 44, 46, 47, 51
Inheritance tax, . . . . .	20, 61
Temporary loans, . . . . .	194
Investigation of mental diseases, . . . . .	318
Investigations, special legislative, . . . . .	64, 115-126
Itinerant vendors' licenses, . . . . .	36

## J.

John Hancock Mutual Life Insurance Company trust deposit, . . . . .	650
Jones, William C., annuity, . . . . .	205
Jordan, William F., pension, . . . . .	205
Judges acting for others, . . . . .	130
Judges of probate and insolvency courts, . . . . .	130
Judicature of the Commonwealth, Commission to Investigate, . . . . .	118
Judiciary, . . . . .	65, 127-135
Justices of:	
Land Court, . . . . .	134
Probate and insolvency courts, . . . . .	130
Superior Court, . . . . .	128
Supreme Judicial Court, . . . . .	127
Juvenile Training, Division of, . . . . .	58, 409

## L.

La Société des Artisans Canadiens Français trust deposit, . . . . .	651
Labor and Industries, Department of, . . . . .	50, 83, 311
Lahee, Patrick, annuity, . . . . .	205
Lakeville State Sanatorium:	
Buildings, . . . . .	434
Discounts taken (text), . . . . .	xxiv

Lakeville State Sanatorium — <i>Concluded.</i>	PAGE
Expenses, . . . . .	431
Per capita cost (text), . . . . .	xxiii
Receipts, . . . . .	44
Refunds, . . . . .	58
Valuation, . . . . .	709
Lamb fund:	
Industrial School, . . . . .	510
Lyman School, . . . . .	512
Land Court, . . . . .	41, 134
Land for reforestation, valuation, . . . . .	716
Land registration assurance fund, . . . . .	511
Land used for public purposes, reimbursement to cities and towns for loss of taxes on, . . . . .	248
Laws:	
Fish and game, enforcement of, . . . . .	232
General, Commission on Consolidation and Arrangement of, . . . . .	174
General, printing of, . . . . .	181
Penalties for violation of, . . . . .	4, 34
Printing, . . . . .	182
Province, publication of, . . . . .	180
Relative to taxation, committee to study existing, . . . . .	116
Leach, Angela M., annuity, . . . . .	205
Legislation, recommendations for (text), . . . . .	xxv
Legislative bulletin:	
Expenses, . . . . .	111
Subscriptions, . . . . .	51
Legislative committees, expenses, . . . . .	107
Legislative department, . . . . .	63, 95-114
Legislative investigations, . . . . .	64, 115-126
Legislative printing, . . . . .	110
Legislature:	
Allowances, . . . . .	206
Chaplains, Senate and House, . . . . .	106
Clerks, Senate and House, . . . . .	104
Committee on rules, . . . . .	107
Contingent expenses, . . . . .	111
Expenses of committees, . . . . .	107
Extra session, . . . . .	112
House:	
Pay roll, . . . . .	97
Printing and binding, . . . . .	110
Stationery, . . . . .	112
Manual for the General Court, . . . . .	111
Senate:	
Pay roll, . . . . .	95
Printing and binding, . . . . .	110
Stationery, . . . . .	112
Sergeant-at-arms, . . . . .	104
Leominster, Prospect Street, improvement of, . . . . .	465
Liberty Mutual Insurance Company trust deposit, . . . . .	651
Library, State, . . . . .	51, 168
Licenses, total receipts, . . . . .	4
Bank Commissioner, . . . . .	38
Cold-storage warehouse, . . . . .	37
Hawkers' and pedlers', . . . . .	36
Hunters' and fishers', . . . . .	37

subject to such rules and regulations as the Auditor of the Commonwealth may determine. One of the purposes enumerated is to secure cash discounts wherever possible.

Below is given a table showing increased savings to the Commonwealth in this way:—

STATEMENTS OF DISCOUNTS.

NAME OF INSTITUTION.	1918.	1919.	1920.
<i>Insane and Feeble-minded.</i>			
Boston, . . . . .	\$1,584 83	\$1,804 63	\$2,238 23
Danvers, . . . . .	1,328 85	1,421 70	1,532 43
Foxborough, . . . . .	583 63	851 65	1,029 38
Gardner, . . . . .	1,747 34	1,570 82	1,611 22
Grafton, . . . . .	1,753 03	1,912 66	1,690 05
Massachusetts School for the Feeble-minded, .	1,325 74	1,516 40	1,719 83
Medfield, . . . . .	1,880 95	1,954 54	1,859 23
Monson, . . . . .	673 40	795 56	1,262 38
Northampton, . . . . .	510 93	516 36	848 78
Taunton, . . . . .	1,811 77	1,854 89	1,640 18
Westborough, . . . . .	— <sup>1</sup>	— <sup>1</sup>	1,527 43
Worcester, . . . . .	1,365 17	1,267 43	1,927 69
Wrentham School, . . . . .	1,451 07	1,384 63	1,726 72
<i>Tuberculosis Sanatoria.</i>			
Lakeville, . . . . .	550 41	549 47	344 90
Massachusetts Hospital School, . . . . .	254 37	261 82	287 02
North Reading, . . . . .	163 89	157 82	208 78
Rutland, . . . . .	566 46	514 64	559 33
Westfield, . . . . .	374 71	396 82	530 92
<i>Other Charitable.</i>			
Norfolk, . . . . .	271 31	63	—
State Infirmary, . . . . .	2,840 55	2,643 25	3,063 91
Penikese, . . . . .	—	61 51	40 77
<i>Reformatory and Correctional.</i>			
Industrial School for Boys, . . . . .	152 61	128 03	376 79
Industrial School for Girls, . . . . .	226 97	261 17	269 66
Lyman School for Boys, . . . . .	382 90	474 51	693 76
State Farm, . . . . .	973 64	1,120 52	1,135 74
State Prison, . . . . .	290 88	368 47	335 56
Prison Camp and Hospital, . . . . .	247 18	270 07	296 84
Massachusetts Reformatory, . . . . .	382 09	295 70	302 73
Reformatory for Women, . . . . .	2,357 29	2,889 83	2,302 22
<i>Normal Schools.</i>			
Bridgewater, . . . . .	247 94	255 85	358 00
Fitchburg, . . . . .	67 72	114 65	159 25
Framingham, . . . . .	380 17	214 22	265 05
Hyannis, . . . . .	1 13	25 72	110 35
Lowell, . . . . .	116 21	113 42	32 13
North Adams, . . . . .	97 90	96 40	99 11
Salem, . . . . .	25 73	64 31	185 04
Westfield, . . . . .	47 72	37 95	30 90
Worcester, . . . . .	38 84	41 65	58 29
Normal Art, . . . . .	42 50	78 47	46 12
<i>Textile Schools.</i>			
Fall River, . . . . .	—	27 68	17 41
Lowell, . . . . .	—	257 69	194 77
New Bedford, . . . . .	—	86 15	129 61
Massachusetts Agricultural College, . . . . .	—	521 34	590 52
	\$27,117 83	\$29,181 03	\$33,639 03

<sup>1</sup> Westborough State Hospital failed to make a return.

## RECOMMENDATIONS.

Section 23 of chapter 29 of the General Laws provides that money may be advanced to certain officers in such sums as the State Auditor may determine for the purpose of carrying out the provisions of law requiring weekly payment of wages, to secure cash discounts and to pay traveling expenses. For other purposes there may be advanced a sum not exceeding \$150 at any one time, with certain exceptions. I believe that this latter provision is too narrow. The Secretary of State at election time, the Income Tax Division and other departments find it necessary at times to purchase a large amount of postage stamps to send out various circulars and forms, and an advance of \$150 is wholly inadequate for this purpose. These stamps can only be obtained by the payment of cash, and I would respectfully recommend that said section 23 be amended so that the State Auditor may make advances for such purposes and in such amounts as he may deem advisable.

Section 7 of chapter 11 of the General Laws reads in part: "If the general court, by express statute, authorizes a department or public officer to approve accounts or demands against the commonwealth, and an appropriation therefor has been made, the auditor shall . . . promptly audit and certify such an amount, not exceeding the appropriation therefor, as he may deem correct; and if it appears to him that there are improper charges in said accounts or demands he shall report the same to the governor and council, with a separate certificate therefor." The Auditor formerly had the authority to make final judgment on the question of the propriety of charges, and I would recommend that the statute cited above be amended so as to restore to him that power.

I recommend that section 42 of chapter 30 of the General Laws be amended by designating the Auditor of the Commonwealth as one of the officials to act relative to the disposal by the Commonwealth of duplicate and worthless books and documents.

I recommend that section 35 of chapter 3 of the General Laws be amended so as to give the Auditor of the Commonwealth authority with the chairmen and clerks of committees of the General Court to designate the newspapers in which advertisements of hearings of committees shall be published.

I recommend that chapter 428 of the Acts of 1920 be amended by striking out the words "for a period of one year from the passage of this act."

Respectfully submitted,

ALONZO B. COOK,  
Auditor.

## STATEMENT II.

## Revenue Receipts in Detail.

DETAILS 68-71.

## DETAIL No. 68.

## DEPARTMENT OF LABOR AND INDUSTRIES.

Reimbursement for services: —	
Commissioner, translation services,	\$1 18

## DETAIL No. 69.

## DEPARTMENT OF AGRICULTURE.

Reimbursement for services: —		
Sundry payments received for use of farm tractors,		\$373 09
Sales: —		
Massachusetts Bird Book,	\$505 50	
Massachusetts Game Bird Book,	1,233 75	
Sundry pamphlets, etc.,	419 65	
Farm machinery (Gen. Acts 1919, chap. 121),	3,424 30	
		5,583 20
Rents: —		
For use of burning and crushing machine by United States government,		120 00
Miscellaneous: —		
Pay station receipts,		37 36
		\$6,113 65

## DETAIL No. 70.

## DIVISION OF ANIMAL INDUSTRY.

Fees, testing nonresidents' cattle (Revised Laws, chap. 90, sect. 31; Acts 1903, chap. 322),		\$16 75
Sales: —		
Carcasses of glandered horses,	\$35 75	
Hides, etc.,	487 30	
Veterinary medical supplies,	165 00	
		688 05
		\$704 80

## DETAIL No. 71.

## OLD FURNITURE, ETC.

Commission on Disposal of Duplicate and Worthless Books,	\$115 00
Department of Labor and Industries,	14 00
Department of Public Health,	25 00
Secretary of the Commonwealth,	250 75
Sergeant-at-arms,	675 23
Superintendent of buildings,	1,935 22
	\$3,015 20

## STATEMENT II.

## Revenue Receipts in Detail.

DETAILS 72-74.

## DETAIL No. 72.

## REGISTRY OF MOTOR VEHICLES.

Sales: —	
Waste paper,	\$194 95
Miscellaneous: —	
Collection on counterfeit bill and amounts received from express companies for lost plates,	41 50
	\$236 45

## DETAIL No. 73.

## SUNDRY SALES.

<i>Sergeant-at-Arms.</i>		
Legislative Bulletin, subscriptions (Resolves 1902, chap. 3),	\$638 00	
Legislative document subscriptions (Gen. Acts 1918, chap. 59),	310 00	\$948 00
<i>Chief Quartermaster.</i>		
Military supplies under authority of Resolves 1918, chap. 65,	\$22,059 42	
Typewriter and miscellaneous articles,	94 56	
Grain, hay and straw,	647 64	22,801 62
<i>Chief Surgeon.</i>		
State Guard, medical and dental supplies,		1,034 33
<i>State Library.</i>		
Constitutional Convention documents,		387 73
<i>Pilgrim Tercentenary Commission.</i>		
Amount received for specifications and plans furnished contractors,		70 00
<i>Commission on Soldiers' Welcome.</i>		
Treasurer of commission and superintendent of buildings, sale of flags and poles,	\$821 05	
Furniture,	102 90	
Coffee,	31 19	955 14
<i>Prevention of Forest Fires.</i>		
Supplies to sundry cities and towns,		1,616 97
<i>Department of Public Welfare.</i>		
Homestead for citizens,		2,724 75

## DETAIL No. 74.

## INTEREST ON DEPOSITS.

Revenue proportion of interest received on bank deposits (see Detail No. 472),	\$275,313 51
Harbor compensation, interest on bank deposit,	272 47
	\$275,585 98

## STATEMENT II.

## Revenue Receipts in Detail.

DETAIL 90.

REFUNDS — *Concluded.*

	Receipts.	Payments.
Refunds on account of previous years: —		
Received from Department of Mental Diseases,	\$0 73	
Refunded to Department of Mental Diseases,		\$0 73
Special income tax on corporations: —		
Received from sundry corporations,	4,781 47	
Refunded to sundry corporations,		4,781 47
Accrued interest, general: —		
Received accrued interest on direct debt bonds sold,	36,401 05	
Paid interest on amounts due,		36,401 05
Accrued interest, military and naval service fund: —		
Received accrued interest on notes sold,	13,000 00	
Paid interest on amounts due,		13,000 00
	\$157,035 84	\$157,035 84

## STATEMENT III. — APPROPRIATIONS AND EXPENSES FOR 1920, ETC.

## STATEMENT III.

STATEMENT OF APPROPRIATIONS AND EXPENSES INCURRED FOR 1920,  
ALSO EXPENSES FOR 1919.

## LEGISLATIVE DEPARTMENT.

	Appropriations, 1920.	Expenses, 1920.	Expenses, 1919.
Detail			
91 Senate compensation, . . . . .	\$61,500 00	\$61,500 00	\$61,500 00
91 Senate travel, . . . . .	4,500 00	4,155 00	4,230 00
92 House compensation, . . . . .	364,500 00	364,500 00	360,774 00
92 House travel, . . . . .	26,700 00	26,670 00	26,605 00
93 Clerks, Senate and House, . . . . .	9,000 00	9,000 00	8,000 00
93 Assistant clerks, Senate and House, . . . . .	6,250 00	6,250 00	5,500 00
93 Clerical assistance, Senate, . . . . .	1,500 00	1,355 00	1,255 02
93 Clerical assistance, House, . . . . .	3,500 00	3,726 72 <sup>1</sup>	3,490 61
Sergeant-at-arms: —			
94 Salary of sergeant-at-arms, . . . . .	3,500 00	3,335 50	3,500 00
94 Clerical assistance, . . . . .	4,170 00	4,110 33	4,000 00
94 Clerks, document room, . . . . .	3,950 00	3,950 00	3,150 00
94 Other services, . . . . .	2,250 00	2,250 00	—
94 Doorkeepers and postmaster, . . . . .	5,900 00	5,894 62	5,500 00
94 Assistant doorkeepers and messengers, . . . . .	37,900 00	37,774 39	36,149 99
94 Pages, Senate and House, . . . . .	7,200 00	7,124 50	6,657 81
94 Doorkeepers, messengers and others, . . . . .			
travel, . . . . .	4,055 00	3,802 50	3,810 00
95 Chaplains, Senate and House, . . . . .	1,700 00	1,700 00	1,200 00
Committee on rules: —			
96 Salaries, . . . . .	20,650 00	23,196 16 <sup>2</sup>	17,508 99
96 Cumulative index of Acts and Resolves, . . . . .	1,000 00	824 05	976 07
Legislative committees: —			
97 Expenses, . . . . .	9,600 00	8,074 47	11,246 80
97 Advertising hearings, . . . . .	5,700 00	5,006 36	7,457 77
97 Witness fees, . . . . .	200 00	1 40	—
98 Printing, . . . . .	55,000 00	52,873 42	61,916 54
98 Manual for the General Court, . . . . .	6,000 00	6,107 37 <sup>3</sup>	5,798 68
98 Legislative bulletin, . . . . .	18,000 00	18,323 70 <sup>4</sup>	23,222 97
99 Legislative contingency, . . . . .	13,500 00	12,230 03	13,486 48
99 Senate stationery, . . . . .	800 00	463 03	559 04
99 House stationery, . . . . .	1,200 00	1,218 83 <sup>4</sup>	1,165 14
99 Biographical sketches, . . . . .	1,200 00	1,200 00	1,000 00
State House guide book, . . . . .	1,250 00	—	—
100 Extra session, . . . . .	102,045 14	101,036 43	—
Constitutional Convention: —			
101 Compensation and expenses, . . . . .	3,440 51	8,386 05 <sup>5</sup>	22,233 95
Telephones, etc., . . . . .	—	—	28 75
Expenses, . . . . .	—	—	8,304 15
102 Aid to dependents of legislative officials, etc., . . . . .	4,600 00	4,570 41	—
Total, Legislative Department, . . . . .	\$792,260 65	\$790,610 27	\$710,227 76

<sup>1</sup> Balance from small items.<sup>2</sup> Balance from previous appropriation and extraordinary expenses.<sup>3</sup> Balance from extraordinary expenses.<sup>4</sup> Balance from previous appropriation.<sup>5</sup> Balance from previous appropriation and a deficiency.

## STATEMENT III. — APPROPRIATIONS AND EXPENSES FOR 1920, ETC.

## SPECIAL LEGISLATIVE INVESTIGATIONS.

		Appropriations, 1920.	Expenses, 1920.	Expenses, 1919.
Detail				
103	Conservation of waterways,	—	\$3,240 17 <sup>1</sup>	\$4,125 21
104	Investigation as to certain rivers,	—	956 40 <sup>1</sup>	815 26
105	Committee on taxation,	—	52 29 <sup>1</sup>	3,709 43
106	Pollution of Mystic Lakes,	—	497 08 <sup>1</sup>	—
107	Commission on Educational Systems,	—	192 85 <sup>1</sup>	3,343 63
108	Memorial to soldiers and sailors,	\$3,000 00	618 36	—
109	Aid and care of mothers and children,	8,000 00	7,865 87	—
110	Care of soldiers' graves in France,	10,000 00	12,288 89 <sup>2</sup>	—
111	Judicature Commission,	—	2,063 37 <sup>1</sup>	—
112	Commission on Taxes paid through Error,	—	328 28 <sup>1</sup>	34 00
113	Commission on Training of Disabled Soldiers and Sailors,	—	61 33 <sup>1</sup>	—
	Financial protection against damages caused by motor-vehicle accidents,	—	—	46 35
114	Commission on Regulation of Bill Boards,	—	79 70 <sup>1</sup>	—
115	Commission on Necessaries of Life,	40,000 00	31,672 10	15,219 38
116	Recess committee on State institutions,	2,600 00	2,810 11 <sup>1</sup>	1,776 59
117	Street Railway Commission,	—	1,695 23 <sup>1</sup>	7,626 96
118	Water supply needs and resources,	75,000 00	31,371 09	4,878 50
119	Traffic facilities, Boston to East Boston,	—	7,576 92 <sup>1</sup>	—
120	Transfer of State Prison,	—	294 66 <sup>1</sup>	8 64
121	Recess committees, expenses,	6,500 00	1,894 62	—
	Recess committee on consolidating and arranging the General Laws: —			
122	Salaries,	61,000 00	61,000 00	—
122	Traveling expenses,	6,000 00	6,000 00	—
122	Printing,	30,000 00	28,301 14	—
	Contingent,	9,000 00	—	—
124	Traffic facilities for Dorchester,	20,000 00	3,697 88	—
	Investigation of fire hazards in Lowell,	300 00	—	—
124	Investigation for the establishment of a State police force,	1,000 00	548 37	—
	Commission on International Exposi- tion,	1,000 00	—	—
	Rail connections with Commonwealth Flats in East Boston,	1,000 00	—	—
125	Vocational training for disabled soldiers and others,	1,000 00	61 36	—
126	Sale of corporate securities, etc.,	3,000 00	439 18	—
	Sundry investigations,	—	—	24,696 21
		\$278,400 00	\$205,607 25	\$66,280 16

<sup>1</sup> Balance from previous appropriation.<sup>2</sup> Balance from extraordinary expenses.

## STATEMENT III. — APPROPRIATIONS AND EXPENSES FOR 1920, ETC.

## THE JUDICIARY.

		Appropriations, 1920.	Expenses, 1920.	Expenses, 1919.
Detail				
	SUPREME JUDICIAL COURT.			
127	Justices, salaries and expenses,	\$81,000 00	\$74,000 00	\$73,766 66
127	Retired justices,	30,000 00	30,000 00	24,062 45
127	Clerk,	3,500 00	3,500 00	3,500 00
127	Clerical assistance to justices,	6,500 00	5,292 18	3,573 78
127	Clerical assistance to clerk,	900 00	900 00	900 00
127	Court expenses,	2,000 00	2,499 52 <sup>1</sup>	1,682 04
127	Justices, travel,	1,000 00	—	—
127	Court officers and messengers,	2,560 00	2,546 69	2,260 67
127	Clerk for Suffolk County,	1,500 00	1,500 00	1,500 00
	Reporter of decisions: —			
127	Salary,	5,000 00	5,000 00	4,000 00
127	Expenses,	6,100 00	6,600 00 <sup>2</sup>	5,201 08
	Gratuities,	450 00	—	—
		\$140,510 00	\$131,838 39	\$120,446 68
	SUPERIOR COURT.			
128	Justices, salaries and expenses,	\$266,500 00	\$253,797 40	\$238,334 72
128	Justices, travel,	4,000 00	9,524 43 <sup>1</sup>	—
128	Retired justices,	12,000 00	12,000 00	12,000 00
128	Assistant clerk for Suffolk County,	750 00	750 00	500 00
128	Expenses,	1,500 00	1,274 00	801 77
		\$284,750 00	\$277,345 83	\$251,636 49
	PROBATE AND INSOLVENCY COURTS.			
129	Judges, salaries,	\$84,800 00	\$84,679 57	\$78,250 00
129	Retired judges,	7,400 00	7,400 00	3,000 00
129	Compensation of judges acting for others,	2,500 00	1,845 00	2,685 00
129	Registers of probate, salaries,	52,200 00	52,200 00	48,324 99
129	Assistant registers of probate, salaries,	48,375 00	47,011 64	41,512 48
129	Clerk to register, Middlesex County,	2,000 00	2,000 00	1,750 00
129	Clerk to register, Suffolk County,	1,500 00	1,450 00	1,426 34
	Clerical assistance to registers: —			
129	Barnstable,	1,000 00	946 64	700 00
129	Berkshire,	1,200 00	1,200 00	1,099 98
129	Bristol,	6,833 00	6,833 33 <sup>3</sup>	5,362 57
129	Dukes,	433 00	402 74	400 00
129	Essex,	10,016 00	8,401 87	7,891 39
129	Franklin,	1,000 00	718 00	552 00
129	Hampden,	5,433 00	5,404 15	4,255 00
129	Hampshire,	1,000 00	1,000 00	850 00
129	Middlesex,	15,466 00	13,830 39	9,939 07
129	Nantucket,	433 00	—	—
129	Norfolk,	6,000 00	5,887 38	4,943 80
129	Plymouth,	2,566 00	1,826 00	1,680 50
129	Suffolk,	8,600 00	8,544 45	7,909 34
129	Worcester,	9,483 00	9,472 26	8,393 10
		\$268,238 00	\$261,053 42	\$230,925 56

<sup>1</sup> Balance from previous appropriation and extraordinary expenses.<sup>2</sup> Balance from extraordinary expenses.<sup>3</sup> Balance from small items.

## STATEMENT III. — APPROPRIATIONS AND EXPENSES FOR 1920, ETC.

## RECAPITULATION.

	Appropriations, 1920.	Expenses, 1920.	Expenses, 1919.
Legislative Department,	\$792,260 65	\$790,610 27	\$710,227 76
Legislative investigations,	278,400 00	205,607 25	66,280 16
Judiciary,	880,940 15	861,062 72	764,765 74
Governor and Council,	4,220,136 20	3,320,574 85	5,396,618 66
Secretary of the Commonwealth,	456,199 52	604,163 71	354,380 92
Treasurer and Receiver-General,	5,939,839 33	10,322,670 72	19,358,090 85
Auditor of the Commonwealth,	963,625 74	885,960 30	808,853 54
Attorney-General,	90,500 00	62,134 83	62,961 74
Department of Agriculture,	135,900 00	140,428 02	211,106 17
Department of Conservation,	796,117 00	760,402 75	645,275 09
Department of Banking and Insurance,	342,852 29	340,610 27	286,617 15
Department of Corporations and Taxation,	830,628 93	790,937 16	600,618 46
Department of Education,	3,992,683 68	4,150,343 65	3,198,754 82
Department of Civil Service and Registration,	144,375 00	130,969 58	118,697 95
Department of Industrial Accidents,	172,743 84	164,464 20	160,856 77
Department of Labor and Industries,	354,925 00	330,475 07	288,378 62
Department of Mental Diseases,	8,094,534 04	7,352,839 14	6,432,350 07
Department of Correction,	1,404,390 00	2,362,921 09	2,196,085 01
Department of Public Welfare,	4,401,995 50	4,234,829 95	3,698,043 89
Department of Public Health,	1,495,779 62	1,511,080 43	1,376,099 35
Department of Public Safety,	308,371 00	302,685 47	283,667 54
Department of Public Works,	6,187,825 78	6,785,353 95	6,537,640 71
Department of Public Utilities,	8,220,366 85	8,066,249 91	206,673 57
Metropolitan District Commission,	37,000 00	30,553 38	5,698 68
Rent of rooms in Houghton & Dutton building,	-	-	883 03
Deficiencies, 1919,	\$50,542,390 12 1,605,834 01 <sup>1</sup>	\$54,516,928 67	\$53,769,626 25
	\$52,148,224 13	\$54,516,928 67	\$53,769,626 25

<sup>1</sup> Of this amount, \$1,605,540.67 was appropriated by the Legislature in special session during December, 1910, for Boston riot expenditures in the preceding fiscal year.

## STATEMENT IV.

## Expenses for 1920 in Detail.

## DETAIL 91.

STATEMENT IV.  
EXPENSES PAID AND UNPAID FOR 1920 IN DETAIL.  
LEGISLATIVE DEPARTMENT.

[Citations for 1915 to 1919 refer to Special Acts except when chapter numbers are printed in italics.]

## DETAIL, No. 91.

## SENATE PAY ROLL.

[Revised Laws, chap. 3; Acts 1919, chaps. 289, 279; Acts 1920, chap. 225.]

NAME.	Residence.	District.	Travel.	Compensation.	Totals.
Frank G. Allen,	Norwood,	Norfolk,	\$45 00	\$1,500 00	\$1,545 00
Alvin E. Bliss,	Malden,	Fourth Middlesex,	15 00	1,500 00	1,515 00
Frederick Butler,	Lawrence,	Fifth Essex,	90 00	1,500 00	1,590 00
George H. Carrick,	Cambridge,	Second Middlesex,	15 00	1,500 00	1,515 00
Andrew A. Casassa, <sup>1</sup>	Revere,	First Suffolk,	30 00	1,500 00	1,530 00
George D. Chamberlain,	Springfield,	First Hampden,	300 00	1,500 00	1,800 00
John W. Churchill,	Plymouth,	Cape and Plymouth,	120 00	1,500 00	1,620 00
Harry A. Cooke, <sup>1</sup>	Worcester,	Second Worcester,	135 00	1,500 00	1,635 00
George E. Curran,	Boston,	Sixth Suffolk,	15 00	1,500 00	1,515 00
John A. Curtin, <sup>1</sup>	Brookline,	Norfolk and Suffolk,	15 00	1,500 00	1,515 00
Edward N. Dahlborg,	Brockton,	Plymouth,	90 00	1,500 00	1,590 00
Thomas F. Donovan,	Boston,	Fourth Suffolk,	15 00	1,500 00	1,515 00
Carl C. Emery,	Newburyport,	Third Essex,	120 00	1,500 00	1,620 00
Samuel B. Finkel,	Boston,	Ninth Suffolk,	15 00	1,500 00	1,515 00
William J. Foley,	Waltham,	Third Suffolk,	15 00	1,500 00	1,515 00
John M. Gibbs, <sup>1</sup>	Greenfield,	Fifth Middlesex,	30 00	1,500 00	1,530 00
Lynman W. Griswold, <sup>1</sup>	New Bedford,	Franklin and Hampshire,	315 00	1,500 00	1,815 00
John Halliwell, <sup>1</sup>		Third Bristol,	180 00	1,500 00	1,680 00

<sup>1</sup> Member of Recess Committee on Consolidating and Arranging the General Laws.

SENATE PAY ROLL — *Concluded.*

NAME.	Residence.	District.	Travel.	Compensation.	Totals.
Leonard F. Hardy, <sup>1</sup>	Huntington,	Berkshire, Hampshire and Hampden.	\$360 00	\$1,500 00	\$1,860 00
Walter A. Hardy, <sup>1</sup>	Fitchburg,	Third Worcester,	150 00	1,500 00	1,650 00
Joseph O. Knox,	Somerville,	Third Middlesex,	15 00	1,500 00	1,515 00
Augustus P. Loring, <sup>1</sup>	Beverly,	Second Essex,	60 00	1,500 00	1,560 00
John J. Mahoney, <sup>2</sup>	Boston,	Second Suffolk,	15 00	1,500 00	1,515 00
Daniel A. Martin, <sup>1</sup>	Holyoke,	Second Hampden,	330 00	1,500 00	1,830 00
David S. McIntosh,	Quincy,	Norfolk and Plymouth,	30 00	1,500 00	1,530 00
Edwin T. McKnight, <sup>1, 3</sup>	Medford,	Sixth Middlesex,	30 00	3,000 00	3,030 00
Walter E. McLane, <sup>1</sup>	Fall River,	Second Bristol,	165 00	1,500 00	1,665 00
William C. Moulton,	Pittsfield,	Berkshire,	450 00	1,500 00	1,950 00
Arthur L. Nason, <sup>1</sup>	Haverhill,	Fourth Essex,	105 00	1,500 00	1,605 00
Christian Nelson,	Worcester,	First Worcester,	135 00	1,500 00	1,635 00
Gardner W. Pearson,	Lowell,	Fourth Worcester,	90 00	1,500 00	1,590 00
Francis Prescott,	Grafton,	Eighth Middlesex,	120 00	1,500 00	1,620 00
Frank H. Putnam, <sup>1</sup>	Lowell,	First Essex,	90 00	1,500 00	1,590 00
Martin Lewis Quinn,	Swampscott,	First Bristol,	45 00	1,500 00	1,545 00
Silas D. Reed,	Taunton,	Worcester and Hampden,	120 00	1,500 00	1,620 00
Warren E. Tarbell, <sup>1</sup>	Brookfield,	Eighth Suffolk,	210 00	1,500 00	1,710 00
John J. Walsh, <sup>1</sup>	Boston,	Fifth Suffolk,	15 00	1,500 00	1,515 00
Wellington Wells,	Boston,	First Middlesex,	15 00	1,500 00	1,515 00
Thomas Weston, Jr., <sup>1</sup>	Newton,	Seventh Suffolk,	30 00	1,500 00	1,530 00
Charles A. Winchester,	Boston,		15 00	1,500 00	1,515 00
			\$4,155 00	\$61,500 00	\$65,655 00

<sup>1</sup> Member of Recess Committee on Consolidating and Arranging the General Laws.<sup>2</sup> Died March 8. Under Resolves, chapter 51, \$1,300 of his compensation was paid to his brother, Dennis C. Mahoney.<sup>3</sup> President.

STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 91.

## DETAIL No. 92.

## HOUSE OF REPRESENTATIVES PAY ROLL.

[Revised Laws, chap. 3; Acts 1619, chaps. 299 and 279; Acts 1920, chaps. 225 and 629.]

NAME.	Residence.	District.	Travel.	Compensation.	Totals.
Essex S. Abbott, <sup>1</sup>	Haverhill,	Third Essex,	\$105 00	\$1,500 00	\$1,605 00
Henry Achin, Jr., <sup>1</sup>	Lowell,	Fifteenth Middlesex,	90 00	1,500 00	1,590 00
Talbot Aldrich,	Canton,	Fourth Norfolk,	45 00	1,500 00	1,545 00
Charles H. Annis,	Lynn,	Fourteenth Essex,	45 00	1,500 00	1,545 00
Seth F. Arnold,	Boston,	Seventh Suffolk,	15 00	1,500 00	1,515 00
Charles M. Austin,	Somerville,	Twenty-third Middlesex,	15 00	1,500 00	1,515 00
James T. Bagshaw,	Fall River,	Eleventh Bristol,	165 00	1,500 00	1,665 00
William B. Baldwin,	Brockton,	Tenth Plymouth,	75 00	1,500 00	1,575 00
Frank E. Barrows,	Carver,	Sixth Plymouth,	135 00	1,500 00	1,635 00
George J. Bates, <sup>1</sup>	Salem,	Eighteenth Essex,	60 00	1,500 00	1,560 00
Russell T. Bates, <sup>1</sup>	Quincy,	Third Norfolk,	30 00	1,500 00	1,530 00
Arthur E. Beane, <sup>1</sup>	Cambridge,	Third Middlesex,	15 00	1,500 00	1,515 00
Addison P. Beardsley,	Boston,	Sixteenth Suffolk,	15 00	1,500 00	1,515 00
Erastus T. Bearse,	Chatham,	Second Barnstable,	300 00	1,500 00	1,800 00
Chauncey A. Bennett,	Springfield,	Fourth Hampden,	300 00	1,500 00	1,800 00
James D. Bentley,	Swampscott,	Fifteenth Essex,	45 00	1,500 00	1,545 00
Adelard Berard,	Lowell,	Fifteenth Middlesex,	90 00	1,500 00	1,590 00
Alfred M. Bessette,	New Bedford,	Seventh Bristol,	180 00	1,500 00	1,680 00
Orlando C. Bidwell, <sup>1</sup>	Great Barrington,	Sixth Berkshire,	540 00	1,500 00	2,040 00
Robert E. Bigney,	Boston,	Tenth Suffolk,	15 00	1,500 00	1,515 00
Edgar A. Bowers,	Framingham,	Seventh Middlesex,	75 00	1,500 00	1,575 00
Eden K. Bowser, <sup>1</sup>	Wakefield,	Nineteenth Middlesex,	30 00	1,500 00	1,530 00
Alfred Bradbury,	Lawrence,	Seventh Essex,	90 00	1,500 00	1,590 00
Charles D. Bradbury,	Winthrop,	Twenty-first Suffolk,	30 00	1,500 00	1,530 00
L. Adelard Breault,	Auburn,	Sixth Worcester,	150 00	1,500 00	1,650 00
Owen E. Brennan,	Lowell,	Fourteenth Middlesex,	90 00	1,500 00	1,590 00
Frank L. Brier, <sup>1</sup>	Boston,	Nineteenth Suffolk,	15 00	1,500 00	1,515 00
George L. Briggs,	Amesbury,	First Essex,	135 00	1,500 00	1,635 00
John C. Brimblecom,	Newton,	Fourth Middlesex,	30 00	1,500 00	1,530 00
Charles H. Brown,	Medford,	Twenty-sixth Middlesex,	30 00	1,500 00	1,530 00

<sup>1</sup> Member of Recess Committee on Consolidating and Arranging the General Laws.

STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 92.

## HOUSE OF REPRESENTATIVES PAY ROLL — Continued.

NAME.	Residence.	District.	Travel.	Compensation.	Totals.
E. Gerry Brown,	Brockton,	Tenth Plymouth,	\$75 00	\$1,500 00	\$1,575 00
Samuel F. Brown,	Springfield,	Seventh Hampden,	300 00	1,500 00	1,800 00
Edgar J. Buck,	Warren,	Fourth Worcester,	225 00	1,500 00	1,725 00
Maurice A. Buck,	Billerica,	Seventeenth Middlesex,	60 00	1,500 00	1,560 00
Albert W. Bullock,	Waltham,	Fifth Middlesex,	30 00	1,500 00	1,530 00
William J. Bullock, <sup>1</sup>	New Bedford,	Eighth Bristol,	180 00	1,500 00	1,680 00
Frank J. Burke,	Boston,	Thirteenth Suffolk,	15 00	1,500 00	1,515 00
Herbert W. Burr,	Boston,	Nineteenth Suffolk,	15 00	1,500 00	1,515 00
William A. Canty,	Boston,	Fifteenth Suffolk,	15 00	1,500 00	1,515 00
John J. Carey,	Boston,	Eighteenth Suffolk,	15 00	1,500 00	1,515 00
Julius F. Carman,	Springfield,	Fourth Hampden,	300 00	1,500 00	1,800 00
John B. Cashman,	Boston,	Second Suffolk,	15 00	1,500 00	1,515 00
Mial W. Chase,	Lynn,	Twelfth Essex,	45 00	1,500 00	1,545 00
Henry S. Clark,	Boston,	Twenty-fourth Suffolk,	15 00	1,500 00	1,515 00
Everett W. Coleman,	Orange,	Fourth Franklin,	270 00	1,500 00	1,770 00
Thomas D. Collins,	Medford,	Twenty-sixth Middlesex,	30 00	1,500 00	1,530 00
William J. Conlon,	Boston,	Seventh Suffolk,	15 00	1,500 00	1,515 00
William S. Conroy,	Fall River,	Tenth Bristol,	165 00	1,500 00	1,665 00
D. Herbert Cook,	New Bedford,	Seventh Bristol,	180 00	1,500 00	1,680 00
Richard B. Coolidge,	Medford,	Twenty-fifth Middlesex,	30 00	1,500 00	1,530 00
Thomas J. Corbett,	Lowell,	Sixteenth Middlesex,	90 00	1,500 00	1,590 00
Frank N. Coulson,	Whitman,	Fifth Plymouth,	75 00	1,500 00	1,575 00
Frank H. Cowin,	Boston,	Seventeenth Suffolk,	15 00	1,500 00	1,515 00
William F. Craig, <sup>2</sup>	Lynn,	Fourteenth Essex,	45 00	1,500 00	1,545 00
Samuel V. Crane,	Blackstone,	Eighth Worcester,	120 00	1,500 00	1,620 00
Walter T. Creese,	Danvers,	Tenth Essex,	75 00	1,500 00	1,575 00
William C. Crossley,	Fall River,	Eleventh Bristol,	165 00	1,500 00	1,665 00
James E. Curry,	Cambridge,	Second Middlesex,	15 00	1,500 00	1,515 00
Warren C. Daggett, <sup>2</sup>	Somerville,	Twenty-fourth Middlesex,	15 00	1,500 00	1,515 00
Elbridge G. Davis,	Malden,	Twenty-first Middlesex,	15 00	1,500 00	1,515 00
Henry E. Dean,	Worcester,	Twenty-first Worcester,	135 00	1,500 00	1,635 00
James P. Donnelly,	Lawrence,	Eighth Essex,	90 00	1,500 00	1,590 00
Robert W. Dow,	Methuen,	Fifth Essex,	105 00	1,500 00	1,605 00
Lawrence F. Dowd, <sup>2</sup>	Holyoke,	Tenth Hampden,	330 00	1,500 00	1,830 00
Andrew P. Doyle, <sup>2</sup>	New Bedford,	Eighth Bristol,	180 00	1,500 00	1,680 00
Cornelius J. Driscoll,	Boston,	Sixth Suffolk,	15 00	1,500 00	1,515 00

STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 92.

Timothy J. Driscoll,	Boston,	Thirteenth Suffolk,	15 00	1,500 00	1,515 00
Henry F. Duggan,	Peabody,	Eleventh Essex,	60 00	1,500 00	1,560 00
Bernard Early,	Newton,	Fourth Middlesex,	45 00	1,500 00	1,545 00
James J. Early,	Worcester,	Sixteenth Worcester,	135 00	1,500 00	1,635 00
George R. Ellis,	Foxborough,	Tenth Norfolk,	90 00	1,500 00	1,590 00
Vernon W. Evans,	Saugus,	Thirteenth Essex,	30 00	1,500 00	1,530 00
Erland F. Fish,	Brookline,	Second Norfolk,	15 00	1,500 00	1,515 00
John I. Fitzgerald, <sup>2</sup>	Boston,	Fifth Suffolk,	15 00	1,500 00	1,515 00
Michael J. Fitzgerald,	Worcester,	Seventeenth Worcester,	135 00	1,500 00	1,635 00
William Fleming,	Somerville,	Twenty-third Middlesex,	15 00	1,500 00	1,515 00
Charles R. Foote,	Pittsfield,	Fourth Berkshire,	465 00	1,500 00	1,965 00
William J. Francis,	Boston,	Fourth Suffolk,	15 00	1,500 00	1,515 00
John F. Freeland,	Sutton,	Seventh Worcester,	165 00	1,500 00	1,665 00
Harvey E. Frost,	Somerville,	Twenty-third Middlesex,	15 00	1,500 00	1,515 00
Tony A. Garofano,	Lynn,	Thirteenth Essex,	45 00	1,500 00	1,545 00
Daniel J. Gillen,	Boston,	Twelfth Suffolk,	15 00	1,500 00	1,515 00
George A. Gilman,	Boston,	Twenty-second Suffolk,	15 00	1,500 00	1,515 00
Frederick P. Glazier,	Hudson,	Tenth Middlesex,	105 00	1,500 00	1,605 00
Albert C. Goff,	Rehoboth,	Fifth Bristol,	150 00	1,500 00	1,650 00
James A. Goode,	Boston,	Fourteenth Suffolk,	15 00	1,500 00	1,515 00
Charles W. Gould, <sup>2</sup>	Milford,	Ninth Worcester,	105 00	1,500 00	1,605 00
William H. Grady,	Springfield,	Third Hampden,	300 00	1,500 00	1,800 00
William Grant,	Northampton,	First Hampshire,	345 00	1,500 00	1,845 00
Louis L. Green,	Cambridge,	Third Middlesex,	15 00	1,500 00	1,515 00
Thomas H. Green,	Boston,	Third Suffolk,	15 00	1,500 00	1,515 00
Herbert S. Grutchfield,	Revere,	Twenty-seventh Suffolk,	15 00	1,500 00	1,515 00
Fred C. Haigis, <sup>2</sup>	Montague,	Third Franklin,	330 00	1,500 00	1,830 00
Walter S. Hale,	Rockport,	Twenty-second Essex,	120 00	1,500 00	1,620 00
Cornelius F. Haley,	Rowley,	Twenty-third Essex,	105 00	1,500 00	1,605 00
Leo S. Hamburger,	Boston,	Twenty-fourth Suffolk,	15 00	1,500 00	1,515 00
William H. Hannagan,	Marlborough,	Ninth Middlesex,	105 00	1,500 00	1,605 00
Edward F. Harrington, <sup>2</sup>	Fall River,	Tenth Bristol,	165 00	1,500 00	1,665 00
Edward J. Harrington,	New Bedford,	Eighth Bristol,	180 00	1,500 00	1,680 00
Charles H. Hartshorn,	Gardner,	Second Worcester,	195 00	1,500 00	1,695 00
Brad D. Harvey,	Haverhill,	Second Essex,	105 00	1,500 00	1,605 00
John F. Harvey,	Boston,	Third Suffolk,	15 00	1,500 00	1,515 00
Daniel J. Hayden,	Lynn,	Thirteenth Essex,	45 00	1,500 00	1,545 00
James W. Hayes, <sup>2</sup>	Boston,	Sixth Suffolk,	15 00	1,500 00	1,515 00

STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 92.

<sup>1</sup> Died January 16. His compensation paid to his widow under Resolves, chapter 10.<sup>2</sup> Member of Recess Committee on Consolidating and Arranging the General Laws.

## HOUSE OF REPRESENTATIVES PAY ROLL — Continued.

NAME.	Residence.	District.	Travel.	Compensation.	Totals.
Walter Haynes, <sup>1</sup>	Scituate,	Second Plymouth,	\$90 00	\$1,500 00	\$1,590 00
Martin Hays, <sup>1</sup>	Boston,	Twenty-fifth Suffolk,	15 00	1,500 00	1,515 00
Joseph E. Herrick,	Beverly,	Twentieth Essex,	60 00	1,500 00	1,560 00
William P. Hickey, <sup>1</sup>	Boston,	Ninth Suffolk,	15 00	1,500 00	1,515 00
Matthew A. Higgins,	Taunton,	Third Bristol,	120 00	1,500 00	1,620 00
Edward C. Hinckley,	Barnstable,	First Barnstable,	255 00	1,500 00	1,755 00
Charles S. Holden,	Worcester,	Twenty-second Worcester,	135 00	1,500 00	1,635 00
Edgar F. Howland,	New Bedford,	Eighth Bristol,	180 00	1,500 00	1,680 00
George C. F. Hudson,	Clinton,	Tenth Worcester,	135 00	1,500 00	1,635 00
John C. Hull, <sup>1</sup>	Leominster,	Eleventh Worcester,	165 00	1,500 00	1,665 00
James M. Hunnewell,	Boston,	Eighth Suffolk,	15 00	1,500 00	1,515 00
Victor Francis Jewett,	Lowell,	Fifteenth Middlesex,	90 00	1,500 00	1,590 00
Arthur W. Jones,	Nantucket,	First Nantucket,	360 00	1,500 00	1,860 00
Michael H. Jordan,	Lawrence,	Sixth Essex,	90 00	1,500 00	1,590 00
Thomas M. Joyce,	Boston,	Twelfth Suffolk,	15 00	1,500 00	1,515 00
Jeremiah P. Keating,	Westborough,	Ninth Worcester,	105 00	1,500 00	1,605 00
Kenneth W. Keith,	Easton,	Second Bristol,	75 00	1,500 00	1,575 00
James H. Kelleher,	Cambridge,	First Middlesex,	15 00	1,500 00	1,515 00
Frank M. Kelley,	Newburyport,	Twenty-fourth Essex,	120 00	1,500 00	1,620 00
James J. Kelley,	Boston,	Fourteenth Suffolk,	15 00	1,500 00	1,515 00
Walter H. Kemp,	Colrain,	First Franklin,	375 00	1,500 00	1,875 00
Davis B. Keniston, <sup>1</sup>	Boston,	Seventh Suffolk,	15 00	1,500 00	1,515 00
Clarence P. Kidder,	Cambridge,	Second Middlesex,	15 00	1,500 00	1,515 00
Joseph E. King,	Springfield,	Fifth Hampden,	300 00	1,500 00	1,800 00
Frederic W. Kingman,	Walpole,	Eighth Norfolk,	60 00	1,500 00	1,560 00
Hugh J. Lacey,	Holyoke,	Ninth Hampden,	330 00	1,500 00	1,830 00
Wilfrid J. Lamoureux,	Southbridge,	Fifth Worcester,	210 00	1,500 00	1,710 00
Benjamin C. Lane,	Boston,	Twenty-second Suffolk,	15 00	1,500 00	1,515 00
Ernest A. Larocque, <sup>1</sup>	Fall River,	Eleventh Bristol,	165 00	1,500 00	1,665 00
Joseph L. Larson,	Everett,	Twentieth Middlesex,	15 00	1,500 00	1,515 00
James F. Leland,	Sherborn,	Eighth Middlesex,	75 00	1,500 00	1,575 00
Wilbur F. Lewis,	Somerville,	Twenty-fourth Middlesex,	15 00	1,500 00	1,515 00
Willard P. Lombard,	Everett,	Twentieth Middlesex,	15 00	1,500 00	1,515 00
William J. Look,	Tisbury,	First Dukes,	300 00	1,500 00	1,800 00
Frank E. Lyman, <sup>1</sup>	Easthampton,	Second Hampshire,	360 00	1,500 00	1,860 00

STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 92.

Lloyd Makepeace, <sup>1</sup>	Malden,	Twenty-first Middlesex,	15 00	1,500 00	1,515 00
Robert L. Manley,	Fall River,	Ninth Bristol,	165 00	1,500 00	1,665 00
Frank A. Manning,	Brockton,	Eleventh Plymouth,	75 00	1,500 00	1,575 00
William J. Manning,	Boston,	Ninth Suffolk,	15 00	1,500 00	1,515 00
Arthur E. Marsh,	Springfield,	Sixth Hampden,	300 00	1,500 00	1,800 00
Daniel J. Marshall,	Worcester,	Fifteenth Worcester,	135 00	1,500 00	1,635 00
John C. Marshall,	Pittsfield,	Fourth Berkshire,	465 00	1,500 00	1,965 00
John H. McAllister,	Lee,	Fifth Berkshire,	495 00	1,500 00	1,995 00
John W. McCormack,	Boston,	Eleventh Suffolk,	15 00	1,500 00	1,515 00
Elmer L. McCulloch,	Adams,	Third Berkshire,	450 00	1,500 00	1,950 00
Allan R. McDonald,	Quincy,	Third Norfolk,	30 00	1,500 00	1,530 00
William H. McDonnell, <sup>1</sup>	Boston,	Tenth Suffolk,	15 00	1,500 00	1,515 00
Francis B. McKinney, <sup>1</sup>	Boston,	Twenty-sixth Suffolk,	15 00	1,500 00	1,515 00
James J. Mellen,	Boston,	Fourth Suffolk,	15 00	1,500 00	1,515 00
Walter L. Mellen,	Worcester,	Twentieth Worcester,	135 00	1,500 00	1,635 00
Patrick J. Melody,	Boston,	Sixth Suffolk,	15 00	1,500 00	1,515 00
Samuel W. Mendum,	Woburn,	Eighteenth Middlesex,	30 00	1,500 00	1,530 00
Julius Meyers,	Cambridge,	Second Middlesex,	15 00	1,500 00	1,515 00
Herbert L. Miller,	Southwick,	Second Hampden,	345 00	1,500 00	1,845 00
John Mitchell, <sup>1</sup>	Springfield,	Third Hampden,	300 00	1,500 00	1,800 00
Wesley E. Monk, <sup>1</sup>	Watertown,	Twenty-ninth Middlesex,	30 00	1,500 00	1,530 00
Patrick F. Moran,	Boston,	Second Suffolk,	15 00	1,500 00	1,515 00
James Morrison, <sup>2</sup>	Medford,	Twenty-sixth Middlesex,	30 00	1,500 00	1,530 00
J. Warren Moulton,	Rutland,	Second Worcester,	165 00	1,500 00	1,665 00
James J. Moynihan, <sup>1</sup>	Boston,	Eighteenth Suffolk,	15 00	1,500 00	1,515 00
George G. Moyse,	Waltham,	Fifth Middlesex,	30 00	1,500 00	1,530 00
James J. Mulvey,	Boston,	Fifteenth Suffolk,	15 00	1,500 00	1,515 00
Albert J. Murphy,	Chelsea,	Twenty-third Suffolk,	15 00	1,500 00	1,515 00
Daniel C. Murphy,	Boston,	Seventeenth Suffolk,	15 00	1,500 00	1,515 00
George F. Murphy,	Boston,	First Suffolk,	15 00	1,500 00	1,515 00
William J. Naphen, <sup>1</sup>	Natick,	Sixth Middlesex,	60 00	1,500 00	1,560 00
John R. Nelson,	Quincy,	Third Norfolk,	30 00	1,500 00	1,530 00
George H. Newhall,	Lynn,	Fourteenth Essex,	45 00	1,500 00	1,545 00
Frederic C. Nichols,	Fitchburg,	Twelfth Worcester,	150 00	1,500 00	1,650 00
Thomas A. Niland,	Boston,	First Suffolk,	15 00	1,500 00	1,515 00
Edwin G. Norman,	Worcester,	Thirteenth Worcester,	135 00	1,500 00	1,635 00
Frank A. Oberti,	Haverhill,	Fourth Essex,	105 00	1,500 00	1,605 00
Daniel W. O'Connor,	Palmer,	First Hampden,	255 00	1,500 00	1,755 00

STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 92.

<sup>1</sup> Member of Recess Committee on Consolidating and Arranging the General Laws.<sup>2</sup> Died January 17; \$1,400 paid to administratrix of estate, under Resolves, chapter 10.

HOUSE OF REPRESENTATIVES PAY ROLL — *Concluded.*

NAME.	Residence.	District.	Travel.	Compensation.	Totals.
William W. Ollendorff,	Medway,	Ninth Norfolk,	\$90 00	\$1,500 00	\$1,590 00
Louis Orenberg,	Boston,	Fifth Suffolk,	15 00	1,500 00	1,515 00
John Glenn Orr,	Pittsfield,	Fourth Berkshire,	465 00	1,500 00	1,965 00
Henry E. Paige,	Amherst,	Third Hampshire,	300 00	1,500 00	1,800 00
Walter S. Parker,	Reading,	Eighteenth Middlesex,	45 00	1,500 00	1,545 00
George Penshorn,	Boston,	Twenty-second Suffolk,	15 00	1,500 00	1,515 00
Chauncey Pepin,	Salem,	Seventeenth Essex,	60 00	1,500 00	1,560 00
Frank B. Phinney,	Boston,	Twenty-fourth Suffolk,	30 00	1,500 00	1,530 00
William Plattner,	North Attleborough,	First Bristol,	120 00	1,500 00	1,620 00
George K. Pond,	Greenfield,	Second Franklin,	315 00	1,500 00	1,815 00
James T. Potter, <sup>1</sup>	North Adams,	First Berkshire,	435 00	1,500 00	1,935 00
Arthur K. Reading,	Cambridge,	Third Middlesex,	15 00	1,500 00	1,515 00
Abbott B. Rice,	Newton,	Fourth Middlesex,	30 00	1,500 00	1,530 00
Alfred P. Richards,	Plymouth,	First Plymouth,	120 00	1,500 00	1,620 00
George Louis Richards,	Malden,	Twenty-first Middlesex,	15 00	1,500 00	1,515 00
James W. Robertson,	North Andover,	Ninth Essex,	90 00	1,500 00	1,590 00
Arthur W. Robinson,	Somerville,	Twenty-fourth Middlesex,	15 00	1,500 00	1,515 00
Carl J. Rolander,	Worcester,	Eighteenth Worcester,	135 00	1,500 00	1,635 00
Morrill S. Ryder,	Middleborough,	Seventh Plymouth,	105 00	1,500 00	1,605 00
Roland D. Sawyer, <sup>1</sup>	Ware,	Fourth Hampshire,	240 00	1,500 00	1,740 00
Edward A. Scigliano,	Boston,	Fifth Suffolk,	15 00	1,500 00	1,515 00
Leo P. Sencal,	Chicopee,	Eighth Hampden,	315 00	1,500 00	1,815 00
Henry L. Shattuck,	Boston,	Eighth Suffolk,	15 00	1,500 00	1,515 00
Walter Shuebruk,	Cohasset,	Third Plymouth,	75 00	1,500 00	1,575 00
Coleman Silbert,	Boston,	Sixteenth Suffolk,	15 00	1,500 00	1,515 00
Charles H. Slowey,	Lowell,	Fourteenth Middlesex,	90 00	1,500 00	1,590 00
Almond Smith,	Athol,	First Worcester,	255 00	1,500 00	1,755 00
Jerome S. Smith,	Provincetown,	Third Barnstable,	375 00	1,500 00	1,875 00
Dexter A. Snow, <sup>1</sup>	Westfield,	Twelfth Hampden,	330 00	1,500 00	1,830 00
William L. Stedman,	Methuen,	Fifth Essex,	105 00	1,500 00	1,605 00
Emil K. Steele,	Brockton,	Ninth Plymouth,	90 00	1,500 00	1,590 00
Walter F. Stephens,	Randolph,	Seventh Norfolk,	45 00	1,500 00	1,545 00
Elihu D. Stone, <sup>1</sup>	Boston,	Nineteenth Suffolk,	15 00	1,500 00	1,515 00
James F. Sweeney,	Holyoke,	Eleventh Hampden,	330 00	1,500 00	1,830 00
Charles Symonds,	Lynn,	Twelfth Essex,	45 00	1,500 00	1,545 00

STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 92.

Edward W. Taylor,	Lexington,	Twenty-eighth Middlesex,	30 00	1,500 00	1,530 00
John Thomas,	Gloucester,	Twenty-first Essex,	105 00	1,500 00	1,605 00
Prince H. Tirrell,	Weymouth,	Fifth Norfolk,	45 00	1,500 00	1,545 00
James A. Torrey,	Beverly,	Nineteenth Essex,	60 00	1,500 00	1,560 00
Raymond H. Trefry,	Marblehead,	Sixteenth Essex,	60 00	1,500 00	1,560 00
James B. Troy,	Boston,	Eleventh Suffolk,	15 00	1,500 00	1,515 00
Arthur H. Turner,	Harvard,	Tenth Worcester,	120 00	1,500 00	1,620 00
Albert T. Wall,	Worcester,	Fourteenth Worcester,	135 00	1,500 00	1,635 00
Joseph E. Warner, <sup>1, 2</sup>	Taunton,	Fourth Bristol,	120 00	3,000 00	3,120 00
Charles C. Warren,	Arlington,	Twenty-seventh Middlesex,	30 00	1,500 00	1,530 00
Frederick A. Warren,	Wilbraham,	Second Hampden,	270 00	1,500 00	1,770 00
George M. Webber,	East Bridgewater,	Eighth Plymouth,	75 00	1,500 00	1,575 00
George P. Webster, <sup>1</sup>	Boxford,	Fourth Essex,	105 00	1,500 00	1,605 00
Henry H. Wheelock,	Fitchburg,	Twelfth Worcester,	150 00	1,500 00	1,650 00
Renton Whidden,	Brookline,	Second Norfolk,	15 00	1,500 00	1,515 00
Howard B. White,	Ayer,	Twelfth Middlesex,	105 00	1,500 00	1,605 00
John A. White,	North Brookfield,	Third Worcester,	210 00	1,500 00	1,710 00
Alfred H. Whitney,	Ashburnham,	Eleventh Worcester,	195 00	1,500 00	1,695 00
James H. Wilkins,	Carlisle,	Eleventh Middlesex,	75 00	1,500 00	1,575 00
Edward E. Willard,	Chelsea,	Twentieth Suffolk,	15 00	1,500 00	1,515 00
Herbert Wing,	Dartmouth,	Sixth Bristol,	195 00	1,500 00	1,695 00
Herbert F. Winn, <sup>1</sup>	Worcester,	Nineteenth Worcester,	135 00	1,500 00	1,635 00
Isaac U. Wood,	Fall River,	Ninth Bristol,	165 00	1,500 00	1,665 00
William H. Woodhead,	North Adams,	Second Berkshire,	435 00	1,500 00	1,935 00
Harry C. Woodill, <sup>1</sup>	Melrose,	Twenty-second Middlesex,	30 00	1,500 00	1,530 00
Benjamin H. Woodsum, <sup>1</sup>	Braintree,	Sixth Norfolk,	45 00	1,500 00	1,545 00
George M. Worrall, <sup>1</sup>	Attleboro,	First Bristol,	105 00	1,500 00	1,605 00
Samuel H. Wragg, <sup>1</sup>	Needham,	First Norfolk,	45 00	1,500 00	1,545 00
Elwin T. Wright,	Rockland,	Fourth Plymouth,	60 00	1,500 00	1,560 00
Benjamin Loring Young, <sup>1</sup>	Weston,	Thirteenth Middlesex,	45 00	1,500 00	1,545 00
			\$26,670 00	\$364,500 00	\$391,170 00

STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 92.

<sup>1</sup> Member of Recess Committee on Consolidating and Arranging the General Laws.<sup>2</sup> Speaker.

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 93, 94.

## DETAIL No. 93.

## CLERKS AND ASSISTANTS — SENATE AND HOUSE.

[Acts 1915, chap. 271; 1920, chaps. 225, 347, 348, 629.]

CLERKS.			
Henry D. Coolidge, Senate,	\$4,500 00	\$9,000 00	
James W. Kimball, House,	4,500 00		
ASSISTANT CLERKS			
William H. Sanger, Senate,	\$3,125 00	6,250 00	
Frank E. Bridgman, House,	3,125 00		
CLERICAL ASSISTANCE.			
Senate,	\$1,355 00	5,081 72	
House,	3,726 72 <sup>1</sup>		
		\$20,331 72	

## DETAIL No. 94.

## SERGEANT-AT-ARMS.

[Revised Laws, chap. 10; Acts 1919, chaps. 235, 254, 273, 350, sects. 22, 23; 1920, chaps. 225, 346, 593, 629.]

SALARY — SERGEANT-AT-ARMS.		
Thomas F. Pedrick, to February 23,	\$804 59	
James Beatty, from March 11,	2,530 91	\$3,335 50
CLERICAL ASSISTANCE.		
Cashier and executive secretary,	\$1,890 00	
Others,	2,220 33	4,110 33
CLERKS — DOCUMENT ROOM.		
Frank W. Cole, clerk,	\$1,800 00	
Frank H. Steele, assistant,	1,300 00	
Edwin W. Fitzpatrick, assistant,	850 00	3,950 00
OTHER SERVICES.		
George F. Beatty, assistant postmaster,	\$1,100 00	
Levi H. Reavis, porter in house corridor,	1,150 00	2,250 00
DOORKEEPERS, MESSENGERS, PAGES AND POSTMASTER.		
SENATE.		
Doorkeepers.		Travel. Compensation.
Charles O. Holt, assistant ser-		
geant-at-arms (Resolves 1920,	\$15 00	\$2,100 00
chap. 41),	150 00	1,700 01
Howard C. Rudderham, assistant,		
	\$165 00	\$3,800 01
	<u>165 00</u>	
		\$3,965 01

<sup>1</sup> Includes \$160.75, extra session.

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 94.

## SERGEANT-AT-ARMS — Continued.

<i>Messengers.</i>		Travel.	Compensation.	
Arthur R. Driscoll,		\$165 00	\$1,500 00	
Willis W. Fairbanks,		30 00	1,500 00	
Wendell Harding, from Febru-				
ary 1,		15 00	1,250 00	
Francis A. Ireland,		465 00	1,500 00	
Benjamin H. Jellison,		105 00	1,500 00	
Enoch Pratt, retired January 15,		—	181 45	
Edwin S. Rollins,		15 00	1,500 00	
Henry F. Welch,		15 00	1,500 00	
George W. Wolcott,		330 00	1,500 00	
		<u>\$1,140 00</u>	<u>\$11,931 45</u>	
			1,140 00	\$13,071 45
<i>Pages.</i>				
Edwin G. Adams,		\$105 00	\$600 00	
David M. Brackman,		15 00	600 00	
Raymond F. Duval,		15 00	600 00	
John J. Saunders,		15 00	600 00	
		<u>\$150 00</u>	<u>\$2,400 00</u>	
			150 00	2,550 00
<i>Total, \$19,586.46.</i>				
<i>HOUSE.</i>				
<i>Doorkeepers.</i>				
James Beatty, to March 11,		\$15 00	\$553 76	
Francis Steele, from March 12,		15 00	1,440 86	
Francis Steele, assistant, to				
March 12,		—	475 28	
James P. Clare, assistant, from				
March 12,		30 00	1,224 73	
		<u>\$60 00</u>	<u>\$3,694 63</u>	
			60 00	3,754 63
<i>Messengers.</i>				
Patrick F. Brennan,		\$45 00	\$1,500 00	
Franklin E. Campbell, from				
September 1,		—	375 00	
James P. Clare, to March 12,		—	419 35	
Nathaniel D. Curry,		75 00	1,500 00	
Austin T. Davis,		60 00	1,500 00	
Wallace C. Day,		300 00	1,500 00	
Norman R. Farnum, to Septem-				
ber 1,		30 00	1,125 00	
Alonzo J. Fernald, from May 5,		—	858 87	
Thomas P. Frost,		90 00	1,500 00	
Henry P. Farnald,		30 00	1,500 00	
Albert T. Galpin,		15 00	1,500 00	
Edmund J. Gill, to April 1,		54 00	500 00	
Wendell N. Harding, December				
19 to February 1,		—	177 39	
Jacob B. Henry,		15 00	1,500 00	
George Liberge,		45 00	1,500 00	
Mark C. London, to December 16,		—	60 45	
Eugene P. Melody, from April 5,		180 00	983 32	
M. William H. O'Neil, from				
March 15,		7 50	1,068 54	

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 95.

SERGEANT-AT-ARMS — *Concluded.*

	Travel.	Compensation.		
Ernest Saunders,	\$105 00	\$1,500 00		
Horace S. Tower, to April 30,	75 00	625 00		
Clarence R. Van Allen,	15 00	1,250 00		
Document clerks and assistant postmaster,	210 00	—		
	<u>\$1,351 50</u>	<u>\$22,442 92</u>		
		1,351 50	\$23,794 42	
<i>Pages.</i>				
Malcolm G. Ayers,	\$120 00	\$600 00		
Thomas A. Chadwick, from April 24,	36 00	170 86		
W. Henry Lahti,	150 00	600 00		
Eugene P. Mellody, to April 5,	—	353 64		
Charles J. Murphy,	120 00	600 00		
Russell T. Shay,	15 00	600 00		
William T. Shea,	315 00	600 00		
James E. Slattery,	105 00	600 00		
Francis Turner,	30 00	600 00		
	<u>\$891 00</u>	<u>\$4,724 50</u>		
		891 00	5,615 50	
<i>Total, \$33,164.55.</i>				
<i>Postmaster.</i>				
Morris C. Jackson,	\$45 00	\$1,800 00		
		45 00	1,845 00	
			\$54,596 01	
			\$68,241 84	
RECAPITULATION—DOORKEEPERS, MESSENGERS, PAGES AND POSTMASTER.				
Doorkeepers and postmaster,	\$5,894 62			
Assistant doorkeepers and messengers,	37,774 39			
Pages,	7,124 50			
Doorkeepers, messengers and others, travel,	3,802 50			
			\$54,596 01	

## DETAIL No. 95.

## CHAPLAINS — SENATE AND HOUSE.

[Resolves 1919, chap. 77; Acts 1920, chaps. 225, 345, 629.]

	Extra Session.	Regular Session.	
Edward A. Horton, Senate,	\$100 00	\$750 00	
William F. Dusseault, House,	100 00	750 00	
	<u>\$200 00</u>	<u>\$1,500 00</u>	
		200 00	\$1,700 00

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 96, 97.

## DETAIL No. 96.

## COMMITTEE ON RULES.

[Revised Laws, chap. 6, sect. 44; Acts 1918, chap. 151; 1920, chaps. 225, 629.]

SALARIES.				
	Extra Session.	Regular Session.		
<i>Senate.</i>				
William E. Dorman, counsel to committee,	\$250 00	\$5,750 00		
John D. Wright, clerk of committee and secretary to president,	150 00	2,700 00		
A. M. Bridgman, special services,	—	500 00		
James F. Delaney, stenographer,	100 00	1,600 00		
Extra stenographic services,	—	4 50		
	<u>\$500 00</u>	<u>\$10,554 50</u>		
		500 00	\$11,054 50	
<i>House.</i>				
Henry C. Merwin, counsel to committee,	\$750 00	\$3,000 00		
Paul D. Howard, assistant counsel,	450 00	3,000 00		
Joseph A. Lincoln, clerk of committee and secretary to speaker,	416 66	2,400 00		
Edna C. Barry, stenographer,	275 00	1,200 00		
Others,	—	650 00		
	<u>\$1,891 66</u>	<u>\$10,250 00</u>		
		1,891 66	12,141 66	
			\$23,196 16	
CUMULATIVE INDEX OF ACTS AND RESOLVES.				
1,500 copies each, Parts I, II and III,			\$737 12	
Postage and services, mailing,			86 93	
			\$24 05	
			\$24,020 21	

## DETAIL No. 97.

## EXPENSES OF LEGISLATIVE COMMITTEES.

[Revised Laws, chap. 6, sects. 43-51; Acts 1903, chap. 283; 1920, chaps. 225, 629.]

## JOINT STANDING COMMITTEES.

COMMITTEE ON —	Advertising.	Automobiles and Carriages.	Cigars.	Hotel, Telephone, etc.	Travel.	Totals.
Agriculture,	\$113 72	\$30 00	\$18 00	\$165 80	\$97 42	\$424 94
Agriculture and public health,	17 68	—	—	—	—	17 68
Banks and banking,	143 27	—	—	—	—	143 27
Cities,	157 45	3 00	11 50	89 05	92 38	353 38
Constitutional amendments,	12 86	—	—	—	—	12 86

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 97.

EXPENSES OF LEGISLATIVE COMMITTEES — *Continued.*

JOINT STANDING COMMITTEES — <i>Concluded.</i>						
COMMITTEE ON —	Adver- tising.	Automo- biles and Car- riages.	Cigars.	Hotel, Tele- phone, etc.	Travel.	Totals.
Counties, . . . . .	\$93 11	\$248 00	\$12 90	\$236 60	\$25 75	\$646 36
Education, . . . . .	182 75	—	6 00	7 30	10 79	206 84
Education and public health, . . . . .	—	—	7 85	102 35	—	110 20
Election laws, . . . . .	13 60	—	—	—	—	13 60
Elections (House), . . . . .	3 30	10 00	—	—	—	13 30
Federal relations, . . . . .	55 99	—	—	—	—	55 99
Fisheries and game, . . . . .	139 89	110 00	8 80	71 25	14 71	344 65
Harbors and waterways, . . . . .	119 84	174 00	17 75	104 50	—	416 09
Insurance, . . . . .	259 92	—	—	—	—	259 92
Judiciary, . . . . .	189 33	—	—	—	—	189 33
Labor, . . . . .	48 65	—	—	—	—	48 65
Legal affairs, . . . . .	270 79	—	5 75	92 90	—	369 44
Mercantile affairs, . . . . .	223 42	—	—	38 80	—	262 22
Metropolitan affairs, . . . . .	287 67	76 00	17 75	104 00	—	485 42
Military affairs, . . . . .	56 99	65 00	12 00	58 50	—	192 49
Municipal finance, . . . . .	300 13	117 00	31 25	291 70	92 40	832 48
Public health, . . . . .	113 09	—	—	—	—	113 09
Public health and social welfare, . . . . .	15 60	—	5 75	44 00	—	65 35
Public institutions, . . . . .	7 40	155 50	117 75	616 37	226 60	1,123 62
Public lighting, . . . . .	108 96	—	—	—	—	108 96
Public service, . . . . .	622 11	—	16 50	111 80	—	750 41
Railroads, . . . . .	28 85	—	—	—	—	28 85
Reconstruction, . . . . .	242 52	—	—	—	—	242 52
Roads and bridges, . . . . .	167 82	312 50	77 05	552 35	108 04	1,217 76
Social welfare, . . . . .	190 57	—	1 40	42 50	—	234 47
State administration, . . . . .	130 63	—	—	—	—	130 63
State House and libraries, . . . . .	146 90	—	—	—	—	146 90
Street railways, . . . . .	207 91	6 00	20 40	457 10	124 55	815 96
Taxation, . . . . .	79 40	—	—	—	—	79 40
Towns, . . . . .	37 38	—	17 25	143 20	—	197 83
Ways and means, . . . . .	—	—	—	5 55	—	5 55
Ways and means (Sen- ate), . . . . .	12 40	—	—	—	—	12 40
Ways and means (House), . . . . .	—	—	3 75	42 10	—	45 85
	\$4,801 90	\$1,307 00	\$439 40	\$3,377 72	\$792 64	\$10,718 66
SENATE STANDING COMMITTEE.						
Rules: —						
Membership fee, Bureau of Department Reports, . . . . .					\$17 50	
Multigraphing, typing, etc., . . . . .					16 80	
Stationery, office supplies, etc., . . . . .					61 47	
						95 77
HOUSE STANDING COMMITTEES.						
Pay roll: —						
Lawrence R. Grove, services, . . . . .					\$100 00	
Rules: —						
Stenographic services, . . . . .			\$75 85			
12 copies "Public Officials of Massachu- setts," . . . . .			45 00			
Stationery, office supplies, etc., . . . . .			153 62			
Typewriters, . . . . .			105 70			
					380 17	
						480 17

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 97.

EXPENSES OF LEGISLATIVE COMMITTEES — *Continued.*

JOINT STANDING COMMITTEE.				
Harbors and waterways: —				
Rent of hall, . . . . .				\$9 00
SPECIAL COMMITTEES.				
Evacuation Day: —				
Automobiles and carriages, . . . . .	\$44 00			
Hotel, etc., . . . . .	29 15		\$73 15	
Pilgrim Tercentenary: —				
Automobiles and carriages, . . . . .	\$40 00			
Hotel, etc., . . . . .	239 45			
Travel, . . . . .	4 00		283 45	
Funeral of Representative William J. Bullock: —				
Automobiles and carriages, . . . . .	\$59 50			
Flowers, . . . . .	29 78			
Hotel, etc., . . . . .	42 00			
Travel, . . . . .	18 72		150 00	
Funeral of Hon. Winthrop Murray Crane: —				
Automobiles and carriages, . . . . .	\$60 00			
Flowers, . . . . .	35 00			
Hotel, etc., . . . . .	41 36			
Travel, . . . . .	103 36		239 72	
Funeral of Senator John J. Mahoney: —				
Automobiles and carriages, . . . . .	\$60 00			
Flowers, . . . . .	30 00			
Hotel, etc., . . . . .	36 95		126 95	
Funeral of Representative James Mor- rison: —				
Automobiles and carriages, . . . . .	\$20 00			
Flowers, . . . . .	20 00			
Hotel, etc., . . . . .	32 50		72 50	
Funeral of Sergeant-at-Arms Thomas F. Pedrick: —				
Automobiles and carriages, . . . . .	\$9 00			
Flowers, . . . . .	25 00			
Travel, etc., . . . . .	18 67		52 67	
GENERAL EXPENSE.				998 44
Postage, . . . . .				260 00
ADVERTISING HEARINGS.				
Binder for book, . . . . .			\$14 75	
Printing, . . . . .			6 50	
				21 25
EXTRA SESSION.				
House Standing Committees.				
Rules: —				
Multigraphing, . . . . .	\$30 93			
Stationery and office supplies, . . . . .	50 85		\$81 78	
Ways and means: —				
Hotel, etc., . . . . .			5 10	

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 98.

EXPENSES OF LEGISLATIVE COMMITTEES — *Concluded.*

<i>Joint Standing Committees.</i>			
Advertising (various committees),	\$183 21		
Hotel, etc. (municipal finance),	127 45		
		\$310 66	
<i>General Expense.</i>			
Postage, .		100 00	
			\$497 54
<i>Witness Fees.</i>			
Serving summons (Committee on Elections),			1 40
			\$13,082 23
RECAPITULATION.			
Legislative committees, expenses: —			
Senate standing committee,	\$95 77		
House standing committees,	480 17		
Joint standing committees,	5,925 76		
Special committees,	098 44		
General,	260 00		
Extra session,	314 33		
		\$8,074 47	
Advertising hearings: —			
Newspapers, regular session,	\$4,801 90		
Newspapers, extra session,	183 21		
Other expenses,	21 25		
		5,006 36	
Witness fees: —			
Travel, etc., .		1 40	
			\$13,082 23

## DETAIL No. 98.

## LEGISLATIVE PRINTING.

[Revised Laws, chaps. 6, 9; Acts 1920, chap. 225.]

<i>SENATE PRINTING.</i>		Extra Session.	Regular Session.	
Calendar,		\$41 40	\$1,017 97	
Committee bills,			59 28	
Journal (daily),		278 61	2,871 73	
Journal (bound), 1,000 copies each,		563 41	2,780 05	
Night work,		377 00	3,542 62	
Reprints,			214 95	
Senate bills and documents,		243 94	4,623 17	
Sundry printing and binding,			411 60	
		\$1,504 36	\$15,521 37	
			1,504 36	
				\$17,025 73
<i>HOUSE PRINTING.</i>				
Calendar,		\$139 00	\$1,198 71	
Committee bills,			66 42	
Daily lists,		55 20	648 30	
House bills and documents,		404 66	15,626 53	
Journal (daily),		418 91	3,740 01	
Journal (bound), 1,000 copies each,		649 36	3,362 62	
List of committees, 2,400 copies,			144 79	
Night work,		553 50	7,083 25	
Postage, .			26 00	

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 99.

LEGISLATIVE PRINTING — *Concluded.*

	Extra Session.	Regular Session.		
Reprints and extra copies,	—	\$502 50		
Sundry printing and binding,	—	1,227 93		
	\$2,220 63	\$33,627 06		
		2,220 63		
			\$35,847 69	
				\$52,873 42
MANUAL FOR THE GENERAL COURT.				
13,500 copies,				6,107 37
LEGISLATIVE BULLETIN.				
Elliot H. Paul, editing Bulletin and daily lists,			\$2,500 00	
Arthur M. Bridgman, editing daily lists (extra session),			50 00	
Printing bulletins: —				
1,000 copies No. 1 (extra session),			37 18	
44,100 copies Nos. 1-30 (regular session),			15,706 92	
Reprints and sundry printing,			29 60	
				18,323 70
				\$77,304 49

## DETAIL No. 99.

## OTHER LEGISLATIVE EXPENSES.

[Revised Laws, chaps. 6, 10; Acts 1920, chaps. 225, 620.]

<i>CONTINGENT.</i>		
Books, newspapers, etc.,		\$369 51 <sup>1</sup>
Boxes and shipping cases,		378 00
Brooms, dusters, cleaning supplies, etc.,		391 98
Burgees,		104 60
Document sticks and tapes,		531 78
Drinking cups, water cooler, etc.,		331 72
Furniture and furnishings: —		
Carpet, rugs, etc.,	\$1,003 69	
Draperies and shades,	281 44	
Furniture,	93 34	
		1,378 47
Gavels,		49 00
Laundry (towels),		637 13 <sup>2</sup>
Meals (on account of evening session),		64 50
Postage (mailing bulletin, etc.),		549 00
Printing,		310 68
Repairs, painting and cleaning: —		
Flags and burgees,	\$144 58	
Furniture (upholstering, refinishing, etc.),	4,647 74	
General,	146 44	
		4,938 76
Soap, disinfectant and lavatory supplies,		265 88
Stationery and office supplies: —		
Adding machine,		343 00
Filing cabinets, cards, etc.,		332 95
Typewriter,		70 00
Stationery and other supplies,		186 87
Telephone and telegrams,		326 42 <sup>3</sup>

<sup>1</sup> Includes extra session expenses, \$42.28.<sup>2</sup> Includes extra session expenses, \$68.18.<sup>3</sup> Includes extra session expenses, \$12.35.

\$122.81.

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 100.

OTHER LEGISLATIVE EXPENSES — *Concluded.*

Telephone booth,	\$95 00	
Towels,	376 34	
Vacuum cleaners,	127 72	
Sundries,	70 72	
		\$12,230 03
SENATE STATIONERY.		
Envelopes, paper, etc.,	\$135 13	
Newspapers and publications,	59 47	
Pens, pencils and other office supplies,	161 03	
Printing and postage,	107 40	
		463 03
HOUSE STATIONERY.		
Blank and record books,	\$209 35	
Envelopes, paper, etc.,	283 80	
Pens, pencils and erasers,	166 85	
Postage,	11 20	
Pressboard,	123 50	
Shears,	149 40	
Typewriter,	87 75	
Wrapping paper, twine, etc.,	34 08	
Other office supplies,	152 90	
		1,218 83
BIOGRAPHICAL SKETCHES.		
[Acts 1920, chaps. 55, 225.]		
320 copies, "Public Officials of Massachusetts,"		1,200 00
		\$15,111 89

## DETAIL No. 100.

## EXTRA SESSION.

[Acts 1920, chap. 253, Resolves, chaps. 71, 72, 75, 77.]

SENATE.		
Compensation: —		
President,	\$600 00	
Senators (39 at \$300 each), <sup>1</sup>	11,400 00	
		\$12,000 00
Travel,		1,023 75
		\$13,023 75
HOUSE.		
Compensation: —		
Speaker,	\$600 00	
Representatives (236 at \$300; 1 at \$225), <sup>2</sup>	71,025 00	
Mrs. John O. Hamilton (Resolves 1919, chap. 74),	300 00	
		\$71,925 00
Travel,		6,517 50
		78,442 50

<sup>1</sup> For names, see Detail No. 91.<sup>2</sup> For names, see Detail No. 92. Representative Leland Powers did not receive pay. Representative Henry E. Paige received \$225 for part time.

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 100.

EXTRA SESSION — *Concluded.*

CLERKS, SERGEANT-AT-ARMS AND CERTAIN EMPLOYEES.		
Senate: —		
Clerk and assistant (\$300 each),	\$600 00	
Messenger (\$100 each),	800 00	
Pages (4 at \$25 per week),	696 43	
Doorkeeper and assistant (\$100 each),	200 00	
		\$2,296 43
House: —		
Clerk and assistant (\$300 each),	\$600 00	
Messengers (\$100 each),	1,500 00	
Pages (5 at \$25 per week),	875 00	
Doorkeeper and assistant (\$100 each),	200 00	
		3,175 00
Sergeant-at-arms' department: —		
Sergeant-at-arms,	\$100 00	
Cashier and executive secretary,	100 00	
Clerk,	100 00	
		300 00
Others (at \$100 each): —		
Postmaster and assistant,	\$200 00	
Document clerk and assistant,	200 00	
Porters,	1,700 00	
Superintendent of elevators and assistant,	200 00	
Elevator men,	1,300 00	
		3,600 00
Travel of pages,		198 75
		\$9,570 18
SPECIAL STATEMENT OF EXTRA SESSION EXPENSES.		
Expenses, as per preceding detail,		\$101,036 43
Expenses, paid from regular annual appropriations: —		
Clerical assistance, House: —	Detail No.	
Expended in 1919,	—	\$101 11
Expended in 1920,	93	160 75
Chaplains, Senate and House,	95	200 00
Committee on Rules, salaries: —		
Senate,	96	500 00
House,	96	1,891 66
Legislative committees, expenses,	97	497 54
Senate printing,	98	1,504 36
House printing,	98	2,220 63
Legislative bulletin,	98	87 18
Legislative contingent,	99	122 81
Superintendent of Buildings: —		
Scrubwomen, additional compensation,	168	5,400 00
Telephones,	169	605 20
Secretary's department: —		
Clerical assistance,	184	80 64
Printing, General Laws,	187	635 49
		14,007 37
Total expenses of extra session,		\$115,043 80

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 101, 102.

## DETAIL No. 101.

## CONSTITUTIONAL CONVENTION.

[Acts 1916, chap. 68; 1920, chap. 629.]

COMPENSATION AND EXPENSES.			
William H. Sanger, editing debates,			\$441 00
Printing and binding:—			
3,000 copies (Journal of Constitutional Convention, 1917),	\$3,495 27		
3,000 copies Debates, Vol. III,	4,343 67		
Sundry,	15 00		
Shipping cases,		7,853 94	
		91 11	
			\$8,386 05

## RECAPITULATION — CONSTITUTIONAL CONVENTION.

EXPENDITURES.	1917.	1918.	1919.	1920.	Total.	Refunds.
Commission to compile information:—						
Services,	\$6,081 43	—	—	—	\$6,081 43	—
Expenses,	3,838 53	\$37 61	—	—	3,876 14	—
Members:—						
Compensation,	239,250 00	157,472 24	\$13,450 00	—	410,172 24	\$42 15
Travel,	22,540 00	27,812 50	1,107 60	—	51,460 10	37 50
Secretary, clerical and other services,	7,997 87	7,247 81	2,224 65	—	17,470 33	—
Sergeant-at-arms' department, services,	22,689 24	11,786 11	1,078 00	—	35,553 35	—
Editing debates,	1,902 00	2,744 00	1,442 00	\$441 00	6,529 00	—
Elections:—						
Printing ballots,	14,886 55	—	—	—	14,886 55	—
Other expenses,	5,922 63	—	—	—	5,922 63	—
Printing:—						
Debates in Constitutional Convention, Vols. I, II, III,	—	3,776 18	4,317 61	4,343 67	12,437 46	—
Other,	10,652 24	6,038 23	5,683 34	3,510 27	25,884 08	—
Publication of information,	—	6,823 67	—	—	6,823 67	—
Stenographic reports,	5,335 51	3,876 90	119 00	—	9,331 41	—
Telephones, etc.,	3,032 33	792 64	28 75	—	3,853 72	—
Other expenses,	1,376 96	648 45	1,115 90	91 11	3,232 42	23 07
	\$345,505 29	\$229,056 34	\$30,566 85	\$8,386 05	\$613,514 53	\$102 72
					102 72	
					\$613,411 81	

## DETAIL No. 102.

## AID TO DEPENDENTS OF LEGISLATIVE OFFICIALS.

[Acts 1920, chap. 629.]

Emile Gill (Resolves 1920, chap. 49),	\$1,000 00
Alice A. Pedrick and Marion Pedrick (Resolves 1920, chap. 76),	2,695 41
Administrator of estate of Helen A. Tower (Resolves 1920, chap. 69),	875 00
	\$4,570 41
Total, Legislative Department,	\$790,610 27

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 103, 104.

## SPECIAL LEGISLATIVE INVESTIGATIONS.

[Citations for 1915 to 1919 refer to Special Acts, except when chapter numbers are printed in italics.]

## DETAIL No. 103.

## INVESTIGATION OF METHODS OF CONSERVING AND EQUALIZING THE FLOW OF WATERS IN THE RIVERS AND STREAMS OF THE COMMONWEALTH (BY THE DEPARTMENT OF PUBLIC WORKS, DIVISION OF WATERWAYS).

[Resolves 1914, chap. 95; 1915, chap. 113; 1917, chap. 84; 1918, chap. 71; Acts 1918, chap. 189.]

Engineers and assistants (as per department pay rolls),		\$246 86
United States Geological Survey, co-operative work:—		
Clerks, etc.,	\$510 50	
Engineers and assistants,	902 00	
Gage readers, computers, etc.,	703 25	
Blue prints, etc.,	14 89	
Engineers' instruments and supplies,	92 94	
Hardware, paint, oil, etc.,	19 35	
Travel:—		
Automobile repairs and supplies,	\$78 66	
Automobile and carriage hire,	47 30	
Hotel and meals,	3 3275	
Railroad and electric fares,	175 35	
Telephone and miscellaneous,	9 35	
	643 41	
Sundries,	16 97	
		2,993 31
		\$3,240 17
Expended:—		
1914,	\$2,513 72	
1915,	1,657 70	
1916,	11,697 44	
1917,	10,453 94	
1918,	4,591 80	
1919,	4,125 21	
1920,	3,240 17	
	\$38,279 98	

## DETAIL No. 104.

## INVESTIGATIONS AS TO CERTAIN RIVERS (BY THE DEPARTMENT OF PUBLIC WORKS, DIVISION OF WATERWAYS).

[Acts 1919, chap. 211, Resolves, chap. 17.]

Engineers and assistants (as per department pay rolls),		\$956 40
Expended:—		
1919,	\$815 26	
1920,	956 40	
	\$1,771 66	

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 105-107.

## DETAIL No. 105.

RECESS COMMITTEE TO STUDY THE EXISTING LAWS RELATIVE TO TAXATION.

[Legislative Order; Acts 1918, chap. 189.]

Printing (1,600 copies bill),		\$52 29
Expended: —		
1918, . . . . .	\$8,229 89	
1919, . . . . .	3,709 43	
1920, . . . . .	52 29	
	<u>\$11,991 61</u>	

## DETAIL No. 106.

INVESTIGATION RELATIVE TO POLLUTION OF MYSTIC LAKES (BY DEPARTMENT OF PUBLIC HEALTH).

[Acts 1918, chap. 149; Resolves, chap. 34; Resolves 1919, chap. 14.]

Engineers and assistants (as per department pay rolls),		\$405 00
Blue prints, plans, etc.,		44 56
Engineers' instruments,		33 00
Traveling expenses,		13 02
Sundries,		1 50
		<u>\$497 08</u>

## DETAIL No. 107.

COMMISSION TO INVESTIGATE THE EDUCATIONAL SYSTEMS OF THE COMMONWEALTH.

[Acts 1918, chap. 189; Resolves, chap. 88.]

Printing (3,500 copies of report),		\$192 85
Expended: —		
1918, . . . . .	\$9,128 73	
1919, . . . . .	3,343 63	
1920, . . . . .	192 85	
	<u>\$12,665 21</u>	

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 108, 109.

## DETAIL No. 108.

COMMISSION TO CONSIDER THE CONSTRUCTION OF A MEMORIAL TO SOLDIERS AND SAILORS.

[Acts 1920, chap. 629; Resolves, chap. 82.]

COMMISSION.												
J. Payson Bradley, chairman (Civil War veteran),										Appointed by Governor, without compensation.		
Willis W. Stover (Spanish War veteran),												
George F. Keenan (World War veteran),												
Charles R. Greco,												
Louis E. Kirstein,												
EXPENSES.												
Grover C. Hoyt, secretary,											\$500 00	
Advertising,											6 93	
Postage,											10 00	
Travel:—												
Hotel and meals,										\$51 95		
Railroad and electric fares,										46 88		
Miscellaneous,										2 60		
												101 43
												\$618 36

## DETAIL No. 109.

COMMISSION TO INVESTIGATE THE QUESTION OF PRENATAL AND POSTNATAL AID AND CARE FOR MOTHERS AND CHILDREN.

[Acts 1920, chap. 629; Resolves, chap. 85.]

Commissioner of Public Health, .	} Appointed by Governor	Without compensation.		
Commissioner of Public Welfare, .				
Dr. Alfred Worcester, chairman, .				
Edward E. Whiting, .				
Helen A. MacDonald, .				
EXPENSES.				
Services: —				
Elliot H. Paul, secretary,				\$1,000 00
Clerks and stenographers,				2,816 86
Multigraphing, copying, etc.,				288 66
Physicians, .				1,800 00
Advertising,				50 60
Books, maps, etc.,				25 00
Filing cabinets, etc.,				154 20
Postage, .				620 00
Printing, .				135 31
Stationery and office supplies,				55 64
Travel: —				
Automobile hire,			\$532 70	
Hotel and meals, .			296 10	
Railroad and electric fares,			69 05	
Telephone and miscellaneous,			21 75	
				919 60
				\$7,865 87

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 110, 111.

## DETAIL No. 110.

COMMISSION TO ASCERTAIN THE MOST APPROPRIATE METHODS OF CARING FOR  
THE GRAVES OF AMERICAN DEAD IN FOREIGN SOIL.

[Acts 1920, chaps. 616, 629.]

COMMISSION.		Appointed by Governor, without compensation.		
Walter A. Robinson, chairman,	.			
Col. Edward L. Logan,	.			
Lieut. Axel E. Zetterman (Navy),	.			
EXPENSES.				
General office:—				
Robert M. Irwin, secretary,	.		\$750 00	
Clerks, stenographers, etc.,	.		622 16	
Stationery and office supplies,	.		81 00	
Typewriters,	.		200 00	
Traveling expenses,	.		20 99	
Sundries,	.		14 74	
				\$1,688 89
Foreign trip:—				
Cameras, photographic supplies, etc.,	.		\$594 67	
Relief maps and guides,	.		45 12	
Travel:—				
Hotel and meals,	.	\$4,001 44		
Railroad and steamship fares,	.	4,768 26		
Passports, etc.,	.	87 27		
Telegrams and cablegrams,	.	18 50		
Miscellaneous (baggage, etc.),	.	46 25		
			\$,921 72	
Sundries,	.		13 71	
				9,575 22
				\$11,264 11
Unexpended balance of amount advanced for expenses of foreign trip (to be refunded in 1921),				1,024 78
				\$12,288 89

## DETAIL No. 111.

## COMMISSION TO INVESTIGATE THE JUDICATURE OF THE COMMONWEALTH.

[Acts 1919, chaps. 223, 242.]

COMMISSION.		Appointed by Governor, without compensation.		
Henry N. Sheldon,	.			
George R. Nutter,	.			
Addison L. Green,	.			
EXPENSES.				
Frank W. Grinnell, secretary,				\$1,250 00
Stenographic and other services,	.			85 86
Advertising,	.			95 08
Conference expenses (luncheon, etc.),	.			264 09
Postage,	.			40 82
Printing, stationery, etc.,	.			24 40
Travel:—				
Hotel and meals,	.		\$134 57	
Railroad and electric fares,	.		161 59	
Telephone and telegrams,	.		6 96	
				303 12
				\$2,063 37

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 112, 113.

## DETAIL No. 112.

## COMMISSION ON TAXES PAID THROUGH ERROR.

[Acts 1919, chap. 242; Resolves, chap. 47.]

COMMISSION.		Without compensation.		
Commissioner of Corporations and Taxation,	.			
Attorney-General,	.			
Treasurer and Receiver-General,	.			
EXPENSES.				
William Harold Hitchcock, secretary,				\$250 00
Advertising,	.			78 28
				\$328 28
Expended:—				
1919,	.		\$34 00	
1920,	.		328 28	
			\$362 28	

## DETAIL No. 113.

COMMISSION TO INVESTIGATE AS TO THE TRAINING OF DISABLED SOLDIERS AND  
SAILORS AND RELATED MATTERS.

[Acts 1919, chap. 242; Resolves, chap. 56.]

COMMISSION.		Appointed by Governor	Without compensation.		
Commissioner of Education, chairman,	.				
Director of Commission for the Blind,	.				
Commissioner of Labor,	.				
Harold Blanchard, secre-	.				
tary,	.				
Llewellyn E. Pulsifer,	.				
Susan C. Lyman,	.				
Clark Powers,	.				
Winfred C. McBrayne,	.				
Joseph C. Nowell,	.				
EXPENSES.					
Stationery, etc.,					\$11 33
Stenographic reports of hearings,	.				50 00
					\$61 33

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 114, 115.

## DETAIL No. 114.

## COMMISSION TO INVESTIGATE THE QUESTION OF THE REGULATION OF BILL-BOARDS AND OTHER ADVERTISING DEVICES.

[Acts 1919, chap. 242; Resolves, chap. 69.]

COMMISSION.			
Attorney-General,	} Without compensation.		
Commissioner of Public Works, Division of Highways,			
Commissioner of Public Safety,			
EXPENSES:			
Advertising,		\$48	45
Stenographic services,		31	25
		\$79	70

## DETAIL No. 115.

## COMMISSION ON THE NECESSARIES OF LIFE.

[Acts 1919, chaps. 242, 253, 341, 365; 1920, chaps. 628, 629.]

COMPENSATION OF MEMBERS.			
John H. Sherburne, chairman to July 31,	Appointed by Governor	\$2,625	00
Eugene C. Hultman, vice chairman, from August 18,		1,730	77
John D. Willard, to February 28,		1,350	00
Adnah Neyhart, vice Willard, from July 14,		1,783	33
Charles H. Adams,		3,000	00
		\$10,489	10
EXPENSES.			
Services:—			
Secretary, investigators, clerks, etc., as per pay roll,		\$14,957	83
Investigators, experts, clerks, etc., not on pay roll,		1,250	34
Blue prints, charts, etc.,		52	85
Books, newspapers, reports, etc.,		280	15
Express and messenger service, ..		60	59
Multigraphing, addressing, etc.,		673	68
Postage,		349	42
Printing,		241	73
150 copies report,		164	85
Rent of typewriters and other machines,		195	50
Stationery and office supplies,		354	46
Stenographic reports of hearings,		747	32
Telephone and telegrams,		379	32
Travel:—			
Automobile and carriage hire,		\$63	70
Hotel and meals,		701	16
Railroad and electric fares,		644	62
Telephone and telegrams,		36	40
		1,445	88
Sundries,		29	08
		21,183	00
Expended:—			
1919,	\$15,219	38	
1920,	31,672	10	
	\$46,891	48	
		\$31,672	10

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 116, 117.

## DETAIL No. 116.

## RECESS COMMITTEE ON STATE INSTITUTIONS.

[Acts 1919, chaps. 242, 253; 1920, chap. 629.]

COMMITTEE.				
Edwin N. Dahlborg,	Senate	Without compensation.		
George E. Curran,				
Alvin E. Bliss,	House			
Charles M. Austin,				
Charles H. Hartshorn,				
Henry E. Dean,				
John I. Fitzgerald,				
EXPENSES.				
Richard T. Howard, secretary,			\$429 03	
Advertising,			29 10	
Multigraphing,			47 10	
Stationery, telephone, etc.,			14 95	
Travel (including trip through Middle West):—				
Automobile and carriage hire,		\$317 47		
Hotel, meals, etc.,		1,085 57		
Railroad and electric fares,		858 74		
Telephone and miscellaneous,		28 15		
			2,289 93	
			\$2,810 11	
Expended:—				
1919,	\$1,776 59			
1920,	2,810 11			
	<u>\$4,586 70</u>			

## DETAIL No. 117.

## STREET RAILWAY COMMISSION.

[Acts 1919, chaps. 242, 359.]

COMMISSION.			
James F. Cavanagh,	Senate	Without compensation.	
Leonard F. Hardy,			
John J. Walsh,	House		
William A. Kneeland,			
Benjamin Loring Young,			
Frank G. Allen,			
David J. Maloney,	Appointed by Governor	Compensation paid in 1919.	
William H. McDonnell,			
Charles G. Washburn, chairman,			
Roland W. Boyden,			
David A. Belden,			
Charles S. Ashley,			
Charles Giddings,			
EXPENSES.			
Advertising,			\$20 25
Legal services (preparing bill, etc.),			300 00
Multigraphing,			21 60
Photographs,			48 00

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 118.

STREET RAILWAY COMMISSION — *Concluded.*

Printing (3,000 copies report),		\$581 26
Stationery, telephone, etc.,		62 84
Stenographic reports of hearings,		29 00
Travel: —		
Automobile and carriage hire,	\$33 05	
Hotel, meals, etc.,	332 55	
Railroad and electric fares,	259 14	
Sundries,		624 74
		7 54
		\$1,695 23
Expended: —		
1919,	\$7,626 96	
1920,	1,695 23	
	\$9,322 19	

## DETAIL No. 118.

## COMMISSION ON WATER SUPPLY NEEDS AND RESOURCES (DEPARTMENT OF PUBLIC HEALTH AND METROPOLITAN DISTRICT COMMISSION).

[Acts 1919, chap. 242; Resolves, chap. 49; Acts 1920, chap. 225.]

Services: —		
X. H. Goodnough, chief engineer and secretary,		\$750 00
J. Waldo Smith, consulting engineer,		2,549 57
Engineers, rodmen, etc., as per pay rolls,		18,564 15
Gage readers, etc.,		181 56
Geologists,		948 00
Advertising,		38 40
Automobile repairs, supplies and storage,		268 42
Engineers' instruments and supplies,		230 75
Express, freight and trucking,		33 21
Field office expenses (rent, fuel, equipment, etc.),		73 85
Gasoline and oil,		193 21
Hardware, tools, engine supplies, etc.,		108 22
Labor,		39 25
Maps, blue prints, etc.,		86 62
Pipe and fittings,		41 95
Postage,		31 95
Printing,		106 88
Stationery and office supplies,		31 23
Travel: —		
Automobile, boat and carriage hire,	\$2,045 96	
Hotel and meals,	4,296 56	
Railroad and electric fares,	687 53	
Telephone and miscellaneous,	52 42	
Sundries,		7,082 47
		11 40
		\$31,371 09
Expended: —		
1919,	\$4,878 50	
1920,	31,371 09	
	\$36,249 59	

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 119, 120.

## DETAIL No. 119.

INVESTIGATION RELATIVE TO TRAFFIC FACILITIES, BOSTON TO EAST BOSTON  
(BY DEPARTMENT OF PUBLIC WORKS, DIVISION OF WATERWAYS AND PUBLIC LANDS AND TRANSIT DEPARTMENT, CITY OF BOSTON).

[Acts 1919, chap. 242; Resolves, chap. 51; Resolves 1920, chap. 73.]

Pay rolls (engineers, draftsmen, inspectors, etc.),		\$7,097 64
Blue prints, maps, etc.,		43 72
Hardware, iron rope, etc.,		24 20
Printing,		21 88
1,500 copies report,		197 84
Travel: —		
Automobile hire,	\$124 48	
Hotel, meals, etc.,	33 80	
Railroad and electric fares,	33 36	
		191 64
		\$7,576 92

## DETAIL No. 120.

## COMMISSION TO INVESTIGATE AS TO THE TRANSFER OF THE STATE PRISON TO THE STATE FARM AT BRIDGEWATER.

[Acts 1919, chap. 242; Resolves, chap. 50.]

COMMISSION.											
Commissioner of Correction,	.	.	.	.	.	.	.	.	.	} Without compensation.	
Warden, State Prison,	.	.	.	.	.	.	.	.	.		
Superintendent, State Farm,	.	.	.	.	.	.	.	.	.		
EXPENSES.											
Consulting engineers, services and expenses,	.	.	.	.	.	.	.	.	.	\$203 36	
Services:—											
Draftsman,	.	.	.	.	.	.	.	.	.	30 00	
Stenographer,	.	.	.	.	.	.	.	.	.	20 00	
Traveling expenses,	.	.	.	.	.	.	.	.	.	41 30	
Expended:—											\$294 66
1919,	.	.	.	.	.	.	.	.	.	\$8 64	
1920,	.	.	.	.	.	.	.	.	.	294 66	
											\$303 30

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 121, 122.

## DETAIL No. 121.

## RECESS COMMITTEES' EXPENSES — JOINT SPECIAL COMMITTEE ON PENSIONS.

[Legislative Order; Acts 1920, chap. 622.]

COMMITTEE.			
Francis Prescott, chairman,	Senate	Without compensation.	
Wellington Wells,			
Charles H. Hartshorn,			
Henry L. Shattuck,	House		
William H. Woodhead,			
Wilfrid J. Lamoureux,			
EXPENSES.			
Wendell D. Howie, secretary,			\$785 00
Clerical services,			294 17
Advertising,			139 97
Multigraphing, mailing, etc.,			28 30
Postage,			40 00
Printing,			83 54
Stationery, telephone, etc.,			10 50
Travel:—			
Automobile and carriage hire,		\$41 36	
Automobile supplies and storage,		31 26	
Hotel, meals, etc.,		420 78	
Railroad and electric fares,		19 74	
			513 14
			\$1,894 62

## DETAIL No. 122.

## RECESS COMMITTEE ON CONSOLIDATING AND ARRANGING THE GENERAL LAWS.

[Legislative Order; Acts 1920, chap. 620.] [See also Detail No. 175.]

SALARIES.			
Members, <sup>1</sup> appointed from Senate (18)	} at \$1,000 each,	\$18,000 00	
Members, <sup>2</sup> appointed from House (43)		43,000 00	
			\$61,000 00
TRAVELING EXPENSES.			
Members of Senate,		\$1,918 52	
Members of House,		4,081 48	
			6,000 00
PRINTING.			
Report of Commission for the Joint Special Committee of the General Court of 1920 (4 volumes, 100 copies each),		\$14,968 83	
Composition,		7,022 00	
Special machinery, equipment and materials,		6,310 31	
			28,301 14
			\$95,301 14

<sup>1</sup> For names, see Detail No. 91.<sup>2</sup> For names, see Detail No. 92.

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAILS 123-125.

## DETAIL No. 123.

## INVESTIGATION RELATIVE TO TRAFFIC FACILITIES FOR THE DORCHESTER DISTRICT OF THE CITY OF BOSTON (BY THE DEPARTMENT OF PUBLIC UTILITIES AND THE TRANSIT DEPARTMENT, CITY OF BOSTON).

[Acts 1920, chap. 620; Resolves, chap. 36.]

Services (Boston Transit Department): —		
Engineers and inspectors,		\$1,900 95
Transitmen, draftsmen, etc.,		1,733 38
Maps, blue prints, etc.,		43 25
Traveling expenses,		20 30
		\$3,697 88

## DETAIL No. 124.

## INVESTIGATION RELATIVE TO ESTABLISHING A STATE POLICE FORCE (BY THE ADJUTANT-GENERAL AND THE COMMISSIONER OF PUBLIC SAFETY).

[Acts 1920, chap. 620; Resolves, chap. 40.]

Travel (to New York and Pennsylvania): —		
Automobile and carriage hire,		\$315 00
Hotel and meals,		225 45
Miscellaneous,		7 92
		\$548 37

## DETAIL No. 125.

## COMMISSION TO CONSIDER METHODS FOR THE REHABILITATION AND VOCATIONAL TRAINING OF DISABLED SOLDIERS AND OTHERS.

[Acts 1920, chap. 620; Resolves, chap. 70.]

COMMISSION.		Without compensation.	
Chairman, Industrial Accident Board,	}		
Commissioner of Labor and Industries,			
Commissioner of Education,			
EXPENSES.			
Travel (to Washington):—			
Hotel, meals, etc.,			\$14 80
Railroad and electric fares,			46 56
			\$61 36

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 126.

## DETAIL No. 126.

COMMISSION TO INVESTIGATE THE NEED OF LEGISLATION RELATIVE TO THE  
SALE OF CORPORATE SECURITIES AND RELATED MATTERS.

[Acts 1920, chap. 629; Resolves, chap. 79.]

COMMISSION.		
Attorney-General, chairman,	} Without compensation.	
Commissioner of Corporations and		
Taxation,		
Samuel Spring (appointed by Governor),		
EXPENSES.		
Henry R. Surles, executive secretary, from October 26,		\$310 00
Stenographic services,		129 18
		\$439 18
Total, Special Legislative Investigations,		\$205,607 25

## STATEMENT IV.

Expenses for 1920 in Detail.

DETAIL 127.

## THE JUDICIARY.

[Citations for 1915 to 1919 refer to Special Acts except when chapter numbers are printed in italics.]

## DETAIL No. 127.

## SUPREME JUDICIAL COURT.

[Revised Laws, chaps. 156, 165; Acts 1920, chaps. 225, 629.]

JUSTICES, SALARIES AND EXPENSES. [Acts 1911, chap. 743.]		
Chief justice: —	Travel.	Services.
Arthur P. Rugg,	\$500 00	\$10,500 00
Associate justices: —		
Henry K. Braley,	500 00	10,000 00
James B. Carroll,	500 00	10,000 00
John C. Crosby,	500 00	10,000 00
Charles A. DeCourcy,	500 00	10,000 00
Charles F. Jenney,	500 00	10,000 00
Edward P. Pierce,	500 00	10,000 00
	\$3,500 00	\$70,500 00
		3,500 00
		\$74,000 00
RETIRED JUSTICES. [Acts 1919, chap. 301, sect. 7.]		
John W. Hammond,		\$7,500 00
William C. Loring,		7,500 00
James M. Morton,		7,500 00
Henry N. Sheldon,		7,500 00
		30,000 00
CLERK. [Acts 1918, chap. 287, sect. 1.]		
Clarence H. Cooper,		3,500 00
CLERICAL ASSISTANCE TO JUSTICES. [Acts 1914, chap. 619; 1919, chap. 243.]		
Clerks and stenographers,		5,292 18
CLERICAL ASSISTANCE TO CLERK.		
Frances W. Pike, to October 1,		\$750 00
Vera A. Cooper, from October 1,		150 00
		900 00
COURT EXPENSES.		
Books, publications, etc.,		\$325 60
Postage,		16 00
Printing and binding: —		
Calendar of assignments, 50 copies,	\$165 00	
Dockets,	510 35	
Other,	385 45	
		1,060 80
Stationery and office supplies,		870 84
Telephone and telegrams,		164 43
Water,		27 00
Sundries,		34 85
		2,499 52