

## REPORT OF THE CITY LIBRARIAN FOR 1917.

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*To the Board of Trustees of the Concord Public Library:*

GENTLEMEN: This year has led everybody to use a new measuring stick. We have lived in an atmosphere of such momentous events that the doings of a small institution have, rightfully, come to look—small. Yet though the facts about the library may not be impressive, this is the time to state them.

The war has had the effect of lessening desk circulation; ours has fallen off 2,300 and reached only 85,830 during 1917. This decrease was to be expected, for those who used to read voraciously are busy, women are working for the Red Cross, girls are knitting and men have been called to the colors. The reference room also has had less custom, 5,164 inquiries being made there as against 6,752 in the previous twelve months; 660 new borrowers have applied; the usual number is a hundred more than that.

The activities of the library have, however, not been fewer than heretofore; they have merely been different. Like all librarians throughout the country, we have packed for soldiers' camps many boxes filled with books readily contributed by citizens. We have displayed posters and distributed pamphlets of those government departments which are trying so hard to develop in our nation traits required by present exigencies. We have taken part in the campaign, which resulted most creditably in Concord, for raising money to enable the American Library Association to build and maintain libraries in all the cantonments. We have felt as if we could well abandon many of our old ways and most of our dead books, and rest the library's right to exist upon its ability to make people see straighter.

Our purchases have been pertinent to the times, especially in the live and rapidly growing collection of war books which we have placed where the public enjoys free and frequent access to them; even the books in French on the war have been snapped up at once. The accession record for the year runs:

86 duplicate volumes;  
65 bindery volumes;  
128 replacements;  
671 new publications;  
making a total of 950 volumes.

There is a memorandum of 298 volumes removed from the shelves in 1917, but in the "drives" when I have thrown away outgrown non-fiction and the ephemeral fiction of yester-year, made consignments to the basement and other rearrangements, I may have lost exact count of dis-cards, and a new inventory will be needed to determine whether my figure of 30,832 volumes on our shelves is correct. At the Millville Orphans' Home we had a deposit of fifty books when the fire occurred there last October, but the books were not destroyed.

To our Concord collection Mr. Montgomery Rollins has contributed his story, "The Village Pest." We are now on volume four of the scrap-books we are filling with the letters of Mr. Will Cressy. The reference room has been given by Mrs. William G. Robertson, in memory of her husband, a set of "The International Library of Famous Literature."

We have always bought a good supply of fiction, providing it more amply than many a larger library; and this custom comes in well now, when bright and cheery reading is the due of the men and women who are under an anxious strain. We can offer to our customers the soldier-poets and the statesmen, but on principle we buy also books of kindly humor and diverting plot. With the interest on the Cogswell fund, given for the purchase of works of biogra-

phy, geography, history and science, and on the Hazeltine-Ela fund, given for "high-class literature," we have had the means to make some excellent additions. The latest edition of The New International Encyclopedia, Miss Brown, the reference librarian, reports has already proved a blessing. The set of Luther Burbank's "Methods and Discoveries" has such a wealth of colored illustrations that when an important grange meeting was held in town, we took the twelve volumes to show the members present. The season has been rich in notable biographies, and we have bought those of Keats, Audubon, John Fiske, Edward Everett Hale, Richard Harding Davis, "The Little Grandmother of the Russian Revolution," &c., &c.

I had a thrill of literary delight when I took up our local paper and read that the *Atlantic Monthly* was soon to be printed in Concord. Inquiry at the Rumford Printing Company brought out the fact that that firm is already issuing the *Yale Review*, *Smith College*, *Wellesley* and *Mt. Holyoke Quarterlies*, *The House Beautiful*, *The American Journal of Archaeology*, *The Annals of the American Academy of Political and Social Science*, &c. It is not an affectation but a genuine feeling with me that the public library in the city which contains such a publishing house ought to see to it that its own library rank does not become low.

There has been vouchsafed in 1917 the privilege dear to librarians of seeing authors. Baroness Huard, Countess Turczynowicz, Major Ian Hay Beith and Capt. Louis Keene have spoken to Concord audiences which had been eagerly reading their books of war experiences. Janet McKenzie Hill has come and demonstrated that she can cook as well as compile cook-books. Mr. A. T. Dudley, a favorite writer for boys, spoke at a neighborhood library meeting we held in October. The mention of Mr. Dudley, who is secretary of the new New Hampshire Library Commission, leads me to say it is already evident that through this board the libraries in the state will be helped and will in turn become more helpful.

In August, upon the death of Mr. Samuel C. Eastman, this library was, by his will, given some of his books and some shares of stock and was made residuary legatee to one-fourth of his estate. Later on we shall know to what sum of money this entitles us, but we need not wait till then to acknowledge his kind and generous thought for this institution. I can testify, though, that any bequest of appreciable amount could not be spent suitably upon the library as now housed, but should be directed toward the providing of ampler quarters. There does not remain now much "weeding" to do and we buy about 1,000 volumes annually, therefore it can be seen that the shelving problem is becoming serious; it seems to me inevitable that we shall have to floor over the space above the catalogue table and thus gain room for stacking, even though the interior appearance of the building and its ventilation suffer thereby.

The presence of a policeman on duty recent Sundays has remedied the disorder which is always sure to arise through the winter months on Sunday afternoons when gangs of boys resort to the library, not to read, but to make trouble for the attendant in charge. When fifty-two persons are in, and only thirty-five can be seated, the disturbance of adults by uneasy youngsters can be prevented only by the arm of the law.

The librarian has talked to some schoolrooms and clubs about new books, feeling this a legitimate part of her duty, in that it makes her hearers realize that a public library has wonderfully interesting additions which are not novels and that it keeps abreast of masculine needs, buying works on radio-telegraphy or on Christian socialism, for instance, as soon as they are off the press. In the hope of brightening the winter and of furthering the usefulness of the library, I had thought to have a morning story-hour again for children, and to petition that the Shakespeare room be used occasionally for civic work in urgent causes; but the fuel situation has obliged us to heat less space and for

fewer hours than ordinarily, and some projects must be postponed. But the library shall not stand still (even though in this changing world it might be a relief to feel that some institutions remain the same), for while an ark is a good place for safety, to be down in the turbulent waters chasing something which needs to be chased is what we prefer.

Respectfully submitted,

GRACE BLANCHARD,  
*City Librarian.*

## REPORT OF THE CITY ENGINEER.

CITY ENGINEER'S OFFICE, CITY HALL,  
CONCORD, N. H., December 31, 1917.

*To the Board of Mayor and Aldermen:*

The twenty-fifth annual report to your board is herewith submitted.

The expenses of this department for the year 1917 were as follows:

Paid engineer and assistants,	\$3,876.90
for supplies,	146.73
telephone,	22.10
express,	1.74
transportation,	60.00
real estate transfers,	14.31
repairs,	5.61
	<hr/>
Total expenditures,	\$4,127.39
	<hr/>
Appropriation,	\$4,508.90
Expended,	4,127.39
	<hr/>
Unexpended balance,	\$381.51

### SEWERS.

The work done under this appropriation is detailed in the report of this department to the Board of Public Works.

## WATER-WORKS.

Some surveys were made for the superintendent of the works, near the head of Penacook Lake, plans made and turned over to him.

A complete set of plans showing the pipe-lines and appurtenances are nearly completed and ready for delivery.

## FIRE DEPARTMENT.

Plans and specifications were made for changes in the Ward One station to provide quarters for the new apparatus to be placed therein. The floor under the old apparatus room in this station righted and made secure for any machine likely to be located there.

The floor of the Alert Hose house was put in shape for new apparatus of greater weight than the old hose wagon stationed there in years past.

The plans showing the location of all the fire-alarm boxes and public hydrants have been corrected to date and copies of them delivered to the chief of the department.

## BUILDING PETITIONS.

In company with the chief of the fire department twenty-two hearings have been attended on petitions for new buildings or additions to old ones within the fire precinct.

All petitions have been granted and returns made as required by ordinance.

## CEMETERIES.

We have re-laid out portions of Woodlawn Cemetery, Pine Grove Cemetery and Maple Grove Cemetery during the past season. Have made plans for proposed changes in the tomb at Woodlawn Cemetery and turned them over to the committee having this cemetery in charge.

We have been trying for several years to get a topographical survey of the "Bradley" addition to Blossom Hill

Cemetery. The past season we were able to do the necessary field work, have plotted this section and have two plans for future development well under way. It is not expected that this portion of the cemetery can be developed, as a whole, at one time, but any work done in this section of the enclosure will have to be started with some definite plan in view as to permanent improvement, owing to the contour of the land and the large gravel pit, at its southeasterly corner, excavated by the city some years ago while the land was in the hands of private parties.

This pit and the ravine can be filled, to a certain height, with ashes or any clean non-decaying waste material, at a nominal cost to the city, much cheaper than by any other method, leaving the earth to be moved from many places therein to some point on the lot where it can be profitably used to bring the land into the market for burial purposes. There is not sufficient material on the lot to properly grade it without filling material from other sources, and the scarcity of good dumping places for ashes and other suitable waste materials makes this available spot of value to the city for this purpose.

A practical working layout can be made and a beautiful addition to this cemetery secured at a reasonable expense, and if conservatively handled provide funds for the future care of the cemetery when it becomes filled.

Two new blocks have been graded and will be ready for lotting next spring.

The building of the culvert in the northwesterly section of the enclosure has progressed so far as to bring two more desirable blocks into condition for final grading.

Plans for a proposed layout of the entire northwesterly portion of Blossom Hill Cemetery have been made and turned over to the superintendent.

Surveys were made for the proposed fence and retaining wall on the Bradley Street side of the Old North Cemetery.

The deed book of Blossom Hill Cemetery has been brought up to date.

## ASSESSORS' MAPS.

Practically no field work was done for these maps during the past season, but the property transfers have been kept up to date from the monthly statements furnished us by the register of deeds.

The annual lists of real estate owners were prepared and turned over to the board of assessors.

## MISCELLANEOUS.

The heating plants at the Ward One police station and at the city station on Warren Street were too small for the duty required of them. The heating surfaces were computed and new boilers of sufficient capacity to care for the radiating surfaces attached were installed by the committee on lands and buildings.

Information to private individuals regarding street lines, grades, etc., and the ownership of property within the city limits has been given so far as our records covered their requirements.

The employees of this department during the year were as follows:

Fred W. Lang, principal assistant, Orion H. Hardy, transitman, and Carroll D. Hardy, rodman, whose services have been of value to the city in their respective positions.

For the interest taken in and the many courtesies shown this department, by your board, I wish to express my appreciation.

Respectfully submitted,

WILL B. HOWE,  
*City Engineer.*

## REPORT OF BOARD OF HYDRANT COMMISSIONERS.

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CONCORD, N. H., December 31, 1917.

*To the Board of Mayor and Aldermen:*

The twelfth annual report of this board, for the year 1917, is herewith submitted.

At a meeting April 2d it was voted to recommend the placing of a hydrant on Glen Street midway between Alison Street and West Street.

At a later meeting it was voted to recommend the installation of one hydrant at the junction of Dartmouth and Noyes Streets.

Respectfully submitted,

WILL B. HOWE,

W. C. GREEN,

PERCY R. SANDERS,

*Board of Hydrant Commissioners.*

## REPORT OF BOARD OF EXAMINERS OF PLUMBERS.

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CONCORD, N. H., December 31, 1917.

*To the Board of Mayor and Aldermen:*

The eighteenth annual report of this board is herewith submitted.

The membership of the board at the beginning of the year was: Frederick F. Converse, journeyman plumber, Charles H. Cook, M. D., and Will B. Howe, city engineer. Mr. Converse left town and on September 10 Mr. Arthur W. Robinson was appointed to fill the vacancy.

The board as now constituted is as follows: Mr. Arthur W. Robinson, chairman, Charles H. Cook, M. D., and Will B. Howe, city engineer, clerk.

No new applications for licenses were received during the year.

The making out of licenses and certificates, signing and delivering the same, constituted the work of the board.

The attached table gives the names of all plumbers registered by this board, their grades and the amounts paid, with dates of payments and the date of expiration of licenses and certificates.

The total receipts of the board were \$26. There was expended the sum of \$1.08 for postage.

## PLUMBERS' LICENSES AND CERTIFICATES ISSUED AND RENEWED DURING 1917.

NAME.	License Number.	Certificate Number.	Class of Plumber.	Date of Renewal.	Date of Expiration.	Fee.	Examination.
Brennan, Wilfred W.	71	.....	Journeyman	April 1, 1917	March 31, 1918	\$0.50	
Brown, Arthur W.	70	.....	Master	March 30, 1917	" "	.50	
Bishop, William J.	27	.....	Master	April 12, 1917	" "	.50	
Bateman, Charles W.	3	.....	Journeyman	May 1, 1917	" "	.50	
Buntin, Arthur	30	.....	Master	March 15, 1917	" "	.50	
Bean, Arthur W.	13	1	"	20, 1917	" "	.50	
Babb, Elmer E.	23	.....	"	31, 1917	" "	.50	
Cherrier, Louis J.	23	.....	"	29, 1917	" "	.50	
Clifford, Mary E.	.....	14	"	30, 1917	" "	.50	
Clifford, Patrick A.	.....	14	Journeyman	20, 1917	" "	.50	
Cooper, Alfred	51	.....	"	7, 1917	" "	.50	
Converse, Frederick F.	4	.....	"	26, 1917	" "	.50	
Carlton, Walter A.	32	.....	Master	April 1, 1917	" "	.50	
Donovan, Edward F.	18	.....	"	19, 1917	" "	.50	
Edgeworth, Edward F.	30	.....	"	24, 1917	" "	.50	
Fahy, John L.	28	.....	Journeyman	29, 1917	" "	.50	
Farrar, Merton D.	63	.....	"	31, 1917	" "	.50	
Griffin, C. Nelson	62	.....	"	26, 1917	" "	.50	
Holland, Thomas H.	76	.....	"	8, 1917	" "	.50	
Hood, Seth R.	74	2	Master	April 11, 1917	" "	.50	
Johns, William	26	.....	Journeyman	28, 1917	" "	.50	
Johnson, Thomas	15	.....	Master	31, 1917	" "	.50	
Keenan, John C.	15	.....	Journeyman	27, 1917	" "	.50	
Kennedy, Harry H.	.....	11	"	17, 1917	" "	.50	
King, Philip	.....	8	"	22, 1917	" "	.50	
Leary, Victor T.	78	.....	"	15, 1917	" "	.50	
Leary, Peleg Harrison D.	.....	12	Master	23, 1917	" "	.50	
Lee, William A.	.....	10	"	1, 1917	" "	.50	
Lee, William A.	64	4	Journeyman	April 28, 1917	" "	.50	
Lemire, Adolard J.	72	.....	"	March 1, 1917	" "	.50	
Mahoney, Everett S.	47	.....	"	April 17, 1917	" "	.50	
Morin, John, Jr.	16	.....	Master	March 28, 1917	" "	.50	
Morgan, Manley W.	60	.....	Journeyman	" 29, 1917	" "	.50	
McDonald, Frank E.	.....	.....	"	"	"		



## REPORT OF THE BOARD OF PUBLIC WORKS.

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### REPORT OF THE HIGHWAY DEPARTMENT.

*To the Board of Public Works:*

GENTLEMEN: In submitting the annual report of the highway department for 1917, I must say that most of the work this year was along the line of general repairing. Early in the spring the work of plowing gardens was placed under this department and it was necessary to give so much time to that work that the usual spring repairs on the highways were delayed and neglected. It is easy to see why the work was delayed when you consider that the work of plowing gardens covered a period from April 24th to June 9th and that during that time from eleven to fifteen teams were employed in plowing and harrowing the 1,070 gardens it cost the city \$2,457.63 to do. While there may be no question as to the advisability of the city doing the work there should be some changes made in the system and free plowing given only to those who cannot afford to hire the work done and those able to pay should be charged a reasonable amount for the same. Furthermore, there should be a limit to the time for making application for plowing. Last year the plowing in one section of the city would be completed only to be followed in a day or two by more orders, which made it necessary to go all over the same section again, causing delay and expense and hindering any plans that the department might make for carrying on the work. A time limit for making application for plowing should be insisted on if plowing is done by the city another season.

By the time that the plowing and the usual spring work on the highways was completed the shortage of labor was

apparent and it was impossible to find suitable labor to do any great amount of permanent work, and transportation difficulties further hindered construction work. It was impossible to get trap rock and there was delay in obtaining other road materials. It is more important to keep in good repair those streets where permanent improvements have been made than to build new ones, and I would again recommend, as I did in my report for 1916, that more be appropriated for general maintenance.

The permanent improvements for which appropriations were made and on which work was not undertaken were Washington Street in Penacook, South Street, South Main Street, Auburn Street and Central state highway, and I think we should do the work on those streets the coming summer.

Macadam was put in on East Penacook Street, South State from Monroe to Perley, North State on the east side from Blossom Hill Cemetery to Penacook Street, and the east side of North Main Street from Park to Center was concreted. As usual, nearly all the macadam was resurfaced and the state paid one-half of the expense on the trunk lines.

No great amount of work was done on bridges excepting that the Loudon bridge was re-planked. Several of the bridges need painting badly.

This year the department continued putting up new street signs and have succeeded in getting a good part of the streets properly marked.

About the same amount of work was done on concrete walks and catch basins as in other years.

In the fall of 1916 some fifty trees were set out and nearly all of them came out well in the spring. This year we tried planting larger trees in the spring, about one hundred being set out. Another season will show which is the better time for planting and then more can be put out where they are needed. The ordinance passed during the year in regard to shade trees was a step in the right direction, especially in regard to the planting

of poplar trees. While such trees grow very fast they do not live long and are the cause of much trouble with sewer and water pipes. The brown-tail moths were not as numerous last summer, but the number of gypsy moth nests is increasing rapidly each year and they are very destructive. It is hard to find suitable climbers and it may be necessary to do a great deal of the work against this pest by spraying in the spring.

Oil was used for dust laying last summer, although but one application was made on account of the heavy rains. I would recommend that if it is possible to obtain the oil that more of it be used next summer as it gives more lasting and satisfactory results than water.

The precinct for the collection of garbage was again extended last year and the amount to be collected has also increased. It would be impossible to collect it satisfactorily, since the territory has been enlarged so much, without the garbage truck.

The same recommendations that I made in my last report still hold good in regard to equipment for the highway department, and I would also recommend two trucks for use in the department, one for hauling gravel and another for collecting street sweepings. The Velie truck which was transferred from the police to the highway department, and for which a new body was built, proved that a truck of that type would be very useful for highway work. However, the motive power was no more satisfactory to this department than it had been to the police department and it was constantly in need of repair and proved very expensive to keep in running order.

I appreciate the interest which the board has taken in all the work of the highway department and wish to thank them for many courtesies received.

Respectfully submitted,

ALFRED CLARK,  
*Superintendent of Streets.*

**FINANCIAL REPORT OF THE HIGHWAY  
DEPARTMENT.**

GENERAL MAINTENANCE.

Appropriation,	\$45,000.00
Transferred from catch basins,	121.58
trees,	1,276.18
sidewalks and cross-	
ings, new,	85.79
sidewalks and cross-	
ings, repair,	160.77
permanent work, No.	
Main Street,	144.08
permanent work, No.	
State Street,	181.98
permanent work, Au-	
burn Street,	993.21
By Joint Resolution No. 311,	1,683.01
	\$49,646.60

EXPENDITURES.

CENTRAL DISTRICT.

Labor pay-rolls, general maintenance	
and repair,	\$15,504.40
Supplies, general maintenance and re-	
pair,	10,911.49
Labor pay-rolls, culverts,	410.45
Supplies, culverts,	67.68
Labor pay-rolls, sidewalks,	286.72
signs,	.90
Supplies, signs,	295.04
Labor pay-rolls, watering troughs and	
drinking fountains,	13.34

Supplies, watering troughs and drinking fountains,	\$99.12
Labor pay-rolls, cleaning gutters,	3,514.72
repairing and paving gutters,	92.52
bridges,	843.11
Supplies, bridges,	1,671.97
Labor pay-rolls, fences,	24.49
Supplies, fences,	24.69
Labor pay-rolls, repairing macadam,	144.00
resurfacing macadam,	1,251.86
Supplies, repairing macadam,	47.50
resurfacing macadam,	1,617.14
Labor pay-rolls, winter expense,	4,380.84
Supplies, winter expense,	52.00
	—————\$41,253.98

## PENACOOK DISTRICT.

Labor pay-rolls, general maintenance and repair,	\$1,807.54
Supplies, general maintenance and repair,	50.54
Labor pay-rolls, culverts,	45.19
sidewalks,	113.71
watering troughs and drinking fountains,	1.40
Supplies, watering troughs and drinking fountains,	6.56
Labor pay-rolls, cleaning gutters,	519.22
bridges,	121.80
Supplies, bridges,	178.59
Labor pay-rolls, fences,	93.93
Supplies, fences,	10.65
Labor pay-rolls, repairing macadam,	98.86
winter expense,	808.65
	————— 3,856.64



## CITY OF CONCORD.

## VIRGIN DISTRICT.

Labor pay-rolls, general maintenance and repair,	\$171.74	
Supplies, general maintenance and re- pair,	3.00	
Labor pay-rolls, winter expense,	60.43	
	<u>          </u>	\$235.17

## SANBORN DISTRICT.

Labor pay-rolls, general maintenance and repair,	\$144.88	
Labor pay-rolls, winter expense,	13.38	
	<u>          </u>	158.26

## NUMBER FOUR DISTRICT.

Labor pay-rolls, general maintenance and repair,	\$316.96	
Supplies, general maintenance and re- pair,	16.60	
Labor pay-rolls, winter expense,	282.73	
	<u>          </u>	616.29

Total expenditures,		<u>          </u>	\$49,646.60
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## CATCH BASINS.

Appropriation,	\$1,300.00
Expenditures—	

## CENTRAL DISTRICT.

Labor pay-rolls, cleaning,	\$763.64	
repairing,	85.45	
building,	38.27	
Supplies,	131.22	
	<u>          </u>	\$1,018.58

## BOARD OF PUBLIC WORKS.

271

## PENACOOK DISTRICT.

Labor pay-rolls, cleaning,	\$117.82	
repairing,	7.86	
	<u>          </u>	\$125.68

## WEST CONCORD DISTRICT.

Labor pay-rolls, cleaning,		34.16
		<u>          </u>
Total expenditures,	\$1,178.42	
Transferred to general maintenance,	121.58	
	<u>          </u>	\$1,300.00

## TREES.

Appropriation,	\$2,500.00	
Expenditures—		

## CENTRAL DISTRICT.

Labor pay-rolls, trimming and remov-		
ing trees,	\$209.44	
Labor pay-rolls, setting out trees,	84.00	
care of moth pests,	245.34	
Supplies,	461.70	
	<u>          </u>	\$1,000.48

## PENACOOK DISTRICT.

Labor pay-rolls, trimming and remov-		
ing trees,	\$80.81	
Labor pay-rolls, care of moth pests,	71.40	
Supplies,	10.40	
	<u>          </u>	162.61

## WEST CONCORD DISTRICT.

Labor pay-rolls, trimming trees,	\$1.90
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## EAST CONCORD DISTRICT.

Labor pay-rolls, care of moth pests,	58.83
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Total expenditures,	\$1,223.82
Transferred to general maintenance,	1,276.18
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	\$2,500.00

## SIDEWALKS AND CROSSINGS, NEW.

Appropriation,	\$750.00
Expenditures—	

## CENTRAL DISTRICT.

Labor pay-rolls, setting edgestone, etc.,	\$143.18
Edgestone,	276.50
Concrete,	189.86
	<hr/>
	\$609.54

## PENACOOK DISTRICT.

Labor pay-rolls, setting edgestone, etc.,	\$6.03
Concrete,	48.64
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	54.67
	<hr/>
Total expenditures,	\$664.21
Transferred to general maintenance,	85.79
	<hr/>
	\$750.00

## SIDEWALKS AND CROSSINGS, REPAIR.

Appropriation,	\$2,500.00
Expenditures—	

## CENTRAL DISTRICT.

Labor pay-rolls, setting edgestone,	\$80.90	
Concrete,	2,243.33	
Edgestone,	15.00	
		<hr/>
Total expenditures,	\$2,339.23	
Transferred to general maintenance,	160.77	
		<hr/>
	\$2,500.00	

## PERMANENT WORK.

## WASHINGTON STREET—PENACOOK.

Appropriation,	\$500.00
Unexpended balance,	\$500.00

## EAST PENACOOK STREET.

Appropriation,	\$500.00	
Transferred from permanent work,		
North Main Street,	18.01	
		<hr/>
Expenditures—		\$518.01
Labor pay-rolls,	\$282.04	
Supplies,	235.97	
		<hr/>
		\$518.01

## SOUTH STREET.

Appropriation,	\$1,500.00
Unexpended balance,	\$1,500.00

## SOUTH MAIN STREET TO WEST STREET.

Appropriation,	\$350.00
Unexpended balance,	\$350.00

## SOUTH STATE STREET—MONROE TO PERLEY.

Appropriation,	\$2,650.00
Transferred from permanent work, North Main Street,	546.02
	————— \$3,196.02
Expenditures—	
Labor pay-rolls,	\$2,505.84
Supplies,	690.18
	————— \$3,196.02

## NORTH STATE STREET—BLOSSOM HILL CEMETERY TO PENACOOK STREET, EAST SIDE.

Appropriation,	\$1,600.00
Expenditures—	
Labor pay-rolls,	\$543.17
Supplies,	874.85
	—————
Total expenditures,	\$1,418.02
Transferred to general maintenance,	181.98
	————— \$1,600.00

## NORTH MAIN STREET—EAST SIDE FROM PARK TO CENTER.

Appropriation,	\$2,250.00
Expenditures—	
Labor pay-rolls,	\$719.59
Concrete and supplies,	822.30
	—————
Total expenditures,	\$1,541.89
Transferred to permanent work, East Penacook Street,	18.01

## BOARD OF PUBLIC WORKS.

275

Transferred to permanent work, South State Street,	\$546.02
Transferred to general maintenance,	144.08
	<hr/>
	\$2,250.00

## AUBURN STREET.

Appropriation,	\$1,000.00
Expenditures—	
Transferred to general maintenance,	\$993.21
Unexpended balance,	6.79
	<hr/>
	\$1,000.00

## CENTRAL STATE HIGHWAY.

Appropriation,	\$2,500.00
Unexpended balance,	\$2,500.00

## SALARY SUPERINTENDENT.

Appropriation,	\$1,958.90
Expenditures—	
Salary,	\$1,958.90

## GARBAGE.

Balance from 1916,	\$870.18
Appropriation,	9,000.00
By Joint Resolution No. 311,	136.03
Deficiency to 1918,	20.09
	<hr/>
	\$10,026.30
Expenditures—	
Labor pay-rolls, collecting garbage,	\$4,870.70
collecting paper,	879.27
burning paper,	18.08
leveling ashes,	785.14
patrol carts,	2,362.65
Supplies,	1,110.46
	<hr/>
	\$10,026.30

## SPRINKLING.

Balance from 1916,	\$1,239.22	
Appropriation,	8,500.00	
	<hr/>	\$9,739.22
Expenditures—		
Labor pay-rolls, repairing carts,	\$169.68	
repairing standpipes,	25.15	
sprinkling with water,	4,738.15	
sprinkling with oil,	44.57	
Oil,	2,406.81	
Supplies,	276.86	
	<hr/>	\$7,661.22
Balance to 1918,		2,078.00
		<hr/>
		\$9,739.22

## PENACOOK SPRINKLING PRECINCT.

Balance from 1916,	\$131.09	
Appropriation,	400.00	
	<hr/>	\$531.09
Expenditures—		
Labor pay-rolls, repairing standpipes,	\$7.02	
sprinkling streets,	320.78	
Supplies,	21.78	
	<hr/>	\$349.58
Balance to 1918,		181.51
		<hr/>
		\$531.09

Deposited with the City Treasurer as follows:

State aid, highways,	\$926.61	
Garbage,	136.03	
Concrete,	305.86	
Trees,	171.70	
Labor, etc.,	278.84	
	<hr/>	\$1,819.04

**REPORT OF THE CITY ENGINEER.**

*To the Board of Public Works:*

The seventh annual report to your board, showing work done under the supervision of the engineering department, for your board, is herewith submitted:

## SEWERS.

The complaint of the previous year, shortage of labor, was a great handicap during the season just passed. The price set for labor by this board would not permit the employment of any number of efficient laborers for the work on hand, with higher prices being paid in nearby localities. If work is to be continued on the Beacon Street sewer during the coming season prices for labor will have to be materially increased to meet those paid in other places.

The purchase or lease of machinery would enable us to complete this much-needed line of sewer with wages advanced to meet present conditions.

Realizing conditions in the labor market, bids were asked for constructing the Beacon Street sewer, which bids covered the laying of 1,554 feet of 33-inch segmental block, the building of eight manholes and the re-connecting of all houses and catch-basins now in the old sewer, also the care of the sewage flowing at any and all times in the present sewer during the replacement of the 12-inch pipe with the 33-inch one.

Bids were received as follows:

	Price per lineal foot for sewer laid.	Price for each manhole complete.	Price per cubic yard rock excavated.	Price for each house connection.	Date of completion.
Susi & Williams...	\$10.00	\$125.00	\$13.00	\$5.00	Sept. 15, 1917
Thomas Bruno.....	9.65	60.00	6.00	3.00	Sept. 1, 1917
Daddario & Booth...	7.00	115.00	8.00	2.00	Aug. 15, 1917
Susi & Petricia ....	7.00	100.00	10.00	2.00	Sept. 1, 1917

City to furnish the segmental block only. The contractor to furnish all other materials, labor and machinery necessary to complete the work at the time set in their respective bids. Work to commence on or before May 15, 1917.

These bids gave prices from \$12,000 to \$17,000 for the work, an amount from fifty to one hundred per cent. above what the work should cost, and were rejected by your board on the recommendation of your engineer.

We laid on this sewer, with a very small force of men, 211 feet of the segmental block, made connections with the Washington Street sewers, built three manholes and got into Beacon Street ready for the straightaway work. The most difficult and trying portion of this line is now in, and barring unforeseen obstructions the work should proceed more rapidly with an adequate working force. The ledge encountered near Beacon Street added about \$300 to the cost of the section laid. It is hardly probable that we shall encounter more ledge on this line.

The conditions existing in the section of the city served by this line of sewer are too well known to your board to need any further comment from me.

Three breaks in the old cement pipe laid in Concord Street in 1873, between South State Street and South Main Street, revealed the fact that the old pipe was so nearly worn out at the invert that renewal was necessary at once. We accordingly replaced with 10-inch Akron pipe this line, remade all house connections and cared for the flow of sewage in the old line during the relaying.

A new sewer was laid in Stevens Avenue and Kent Street, to take the house sewage only, as the Pleasant Street main has not sufficient capacity to carry surface drainage. The surface water in this section can be easily carried into the brook lying westerly from Stevens Avenue, thus saving enlarged mains to the Merrimack River.

But seven permits for sewer connections were issued during the year, but the report of the inspector gives nineteen new entries. The use of the Y's provided for house con-

nections, where they are installed, should be required and the practice of making square entries to the small sewers should be stopped.

## STEVENS AVENUE AND KENT STREET.

457 feet of 6-inch Akron pipe laid, Stevens Avenue.

163 feet of 6-inch Akron pipe laid, Kent Street.

Paid for labor,	\$672.34
pipe,	123.04
cement,	25.05
brick,	66.30
trucking,	22.00
castings,	49.00
wrought-iron,	2.89
oil,	1.95
sand,	6.00
blacksmith,	6.85
	<hr/>
	\$975.42

Material excavated, gravel and hardpan.

Average cost per lineal foot, \$1.573+.

## CONCORD STREET, RELAY.

354 feet of 10-inch Akron pipe laid.

Paid for labor,	\$318.54
castings,	22.00
pipe,	159.04
trucking,	26.60
cement,	16.50
wrought-iron,	1.26
sand,	.50
brick,	29.16
coal-tar concrete,	2.21
oil,	.65
	<hr/>
	\$576.40

Material excavated, sand, gravel and clay.

Average cost per lineal foot, \$1.628+.

## BEACON STREET.

211 feet of 33-inch segmental block laid.  
3 manholes built.

Paid for labor,	\$1,300.50
brick,	100.30
cement,	66.00
sand,	4.00
oil,	3.25
lumber,	20.48
hardware,	3.84
blacksmith,	22.85
trucking,	93.25
castings,	32.50
dynamite,	18.48
freight,	3.63
steel,	2.43
crushed stone,	2.50
coal-tar concrete,	9.01
typing contract and specifications,	10.00
	<hr/>
	\$1,693.02
Material excavated, sand, gravel and ledge.	
Average cost per lineal foot, \$8.023+.	

## REPAIRS.

Sargent sewer,	\$5.30
Ferry Street, sand from catch-basins,	13.16
Dakin Street, brick (1916 bill),	10.00
Walker Street, brick (1916 bill),	10.00
Park Street, brick (1916 bill),	12.40
Concord Street,	41.14
East of Main Street, lamphole,	7.06
Noyes Street,	20.96
McKinley Street (1916 bill),	12.50
Albin Street, sand from catch-basins,	31.41

## BOARD OF PUBLIC WORKS.

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Hill's Avenue, manhole,	\$16.55
Durgin Street, account of concreting roadway,	8.28
Prospect Street, sand from catch-basins,	2.78
South State Street, account of macadam,	18.25
Rumford Street, sand, wood and gravel from catch-basins,	82.59
Downing Street, sticks from catch-basin,	7.94
Bradley Street, sand from catch-basins,	56.78
Tremont Street, stoppage,	4.33
Princeton Street,	6.11

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 \$377.54

Paid for flushing,	\$374.03
tools,	46.65

Paid Manchester Safe Deposit and Trust Company, expense incurred in bond issue,	105.00
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 \$525.68

New sewers laid, 1917,	831 feet
Sewer pipe renewals,	354 "

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 Total pipe laid, 1,185 feet

## Sewers built in city precinct to December 31, 1917:

6-inch Akron pipe,	2,974	feet.
8-inch Akron pipe,	25,657	"
10-inch Akron pipe,	55,307	"
12-inch Akron pipe,	39,663	"
12-inch cement pipe,	415	"
15-inch Akron pipe,	11,646	"
18-inch Akron pipe,	7,134	"
20-inch Akron pipe,	5,029	"
24-inch Akron pipe,	4,064	"
30-inch Akron pipe,	1,780.5	"
Brick, 12-inch x 14-inch,	2,758	"
14-inch x 22-inch,	350	"

Brick, 16-inch x 24-inch,	1,848	feet.
20-inch x 32-inch,	2,527	“
24-inch x 36-inch,	17,937	“
28-inch x 48-inch,	883	“
24-inch circular,	1,515.5	“
30-inch circular,	402	“
38-inch circular,	4,080	“
24-inch cast-iron,	1,576	“
30-inch cast-iron,	1,054.5	“
33-inch segmental block,	211	“
42-inch segmental block,	1,055	“
42-inch brick and concrete,	246	“
60-inch brick and concrete,	1,450	“

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191,562.5 feet.

Total miles in city precinct, 36.281+.

Funds available for construction and repairs,	\$6,524.73
Expended,	4,148.06
	<hr/>
Unexpended balance December 31, 1917,	\$2,376.67

#### WEST CONCORD SEWER PRECINCT.

The entire sewer system in this precinct was cleaned and flushed in the spring and fall and minor repairs were made on all the outlets.

Expenditures were as follows:

Paid for flushing,	\$23.96
repairs,	92.24
	<hr/>
	\$116.20
Funds available,	\$121.91
Expended,	116.20
	<hr/>
Unexpended balance,	\$5.71

## EAST CONCORD SEWER PRECINCT.

No expenditures were made in this precinct during the season and the balance remains as on December 31, 1916, viz. : \$127.53.

## SAINT PAUL'S SCHOOL PRECINCT.

No expense was incurred for maintenance or repairs during the year; the balance available for these purposes remains as one year ago, viz. : \$94.55.

Monthly statements of coal-tar concrete laid in the streets and on the sidewalks have been made, showing the number of square yards in place, the cost and location of same shown and these statements turned over to the departments or committees ordering the work to be done.

Lines and grades have been given the street department for their work when requested.

In company with one or both of the other members of the committee for location of poles, I have attended to that duty when possible, any hearings or meetings of your board when requested, and furnished such information as called for from this department.

For the courtesies extended this department by your board, I wish to express my appreciation.

Respectfully submitted,

WILL B. HOWE,  
*City Engineer.*

## HEALTH DEPARTMENT.

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### REPORT OF THE BOARD OF HEALTH.

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*To the Board of Mayor and Aldermen:*

We beg to submit the following report of the Board of Health for the year ending December 31, 1917.

The board was organized as follows:

Mayor Hobbs, *ex-officio*, chairman;  
Dr. Charles H. Cook, secretary;  
Dr. Sibley Morrill, member.

Dr. Charles Duncan has again served as milk inspector and Mr. Charles E. Palmer was sanitary officer.

Regular meetings were held at 4 p. m. on the first Monday of each month.

#### DIPHTHERIA.

You will note that there has been an unusually large number of cases of diphtheria during the past year. Many of these cases occurred in the families of people lacking the means for the proper care of such cases at home.

This has necessitated the removal of many cases to the Foster ward of the Margaret Pillsbury Hospital. This was frequently done as much in the interest of the community at large as in the interest of the patient. Many progressive communities require that all cases of diphtheria, scarlet fever, smallpox, and some other diseases shall be treated in a hospital. It is thought that in this manner the community is best protected from the spread of the disease. This is so *without doubt* where a case occurs in a family of small means with many children.

Thus fairness to all concerned compels us to send many cases to the hospital in spite of the fact that by so doing we are compelled to over-expend our appropriation.

During the height of the epidemic the city physician examined many children (1,279) and took 897 cultures in searching for mild and carrier cases of the malady.

Most of this work was done in the schools. In the fall, however, the whole Fosterville district was combed over, a house to house canvass being made and cultures taken from the nose and throats of *all* the children. This field work disclosed many mild cases of diphtheria. Others were thus shown to be "carriers" of the disease. These cases were either quarantined or sent to hospital and as a result the epidemic rapidly declined.

Many of the mild cases appeared to have the infection in the nose only and were thought to have simple "colds" by the parents. No physician was called and the children were allowed to go about and to school and church, thus spreading the disease to others.

Had the type of disease been more severe an early diagnosis would have resulted in early isolation and served to check the spread of the disease.

Antitoxin has been freely used both as a cure for those already sick and as a preventative for those who have been exposed. We believe it has saved many lives in Concord during the past year.

We wish to express our approval of the state law providing for the free distribution of this marvelous product of modern medical research.

#### SMALLPOX.

One case of smallpox was reported during the year.

This case was removed to the detention hospital on the plains. Recovery was complete in four weeks and the patient was released from quarantine at the end of that period.

The detention hospital or "pest house," as it was for-

merly called, has without doubt served a very useful purpose in the past. However, it is inaccessible. It is used so infrequently and is closed for such long periods of time that it becomes damp and musty and is hardly suitable for use in cold weather. It is so lonely as to be hardly safe for occupancy by women. It has no modern conveniences and is at best a makeshift.

We believe it should be disposed of and some other arrangement made for caring for the very infrequent cases of smallpox.

#### WATER SUPPLY.

Concord is very fortunate in having a plentiful supply of pure water delivered to consumers largely by gravitation. Penacook Lake, or Long Pond, is a perfect gem of a body of water, fed largely by springs.

The catchment area is remarkably free from possible sources of pollution.

The gradual acquisition of the land around the shore and the reforestation of the same will serve to insure posterity a copious and clean supply of water.

It may become advisable some time in the near future to install a chlorination plant for the purpose of taking care of any *chance pollution*.

#### MILK SUPPLY.

The report of the milk inspector is transmitted herewith and made a part of this report. It is very important that we have a plentiful supply of good clean milk. It is of vital importance in the dietary of children. It has been shown that milk contains certain principles very necessary to the growth of the young.

It is therefore hoped that the high price of feeds and scarcity of agricultural labor will not result in a material lessening of the supply of this very important food.

## APPROPRIATION.

The appropriation for the Board of Health for the year 1917 was \$3,472.23 or 15.78 cents *per capita*.

There was expended \$3,944.29 or 17.9 cents *per capita*.

Fumigation supplies have cost more; in fact all supplies have cost more, but the main factor in accounting for the excess amount expended is the increased cost of hospital care for contagious diseases. Even so, we do not think that the total amount expended will be thought excessive.

Surgeon Paul Preble, of the U. S. Public Health Service, has lately summarized the expenditures of 330 cities in the central and eastern United States for public health work. It appears from his statistics that the annual average *per capita* expenditures for the 330 cities was 27.2 cents.

Thus our 17.9 cents will be seen to be within the average.

The report of the sanitary officer is appended and you are referred to the tables in same for details of the department activities.

In closing this report the Board of Health wishes to record its appreciation of the long and faithful services of Miss Helen O. Monier, who has for some years past served as clerk in the office of the board but who is at present on leave of absence due to illness. And we wish to express, both as a board and as individuals, our sincere hope that her quest of health may speedily prove successful and that we shall shortly welcome back our courteous, capable, and faithful fellow-worker.

Respectfully submitted,

NATHANIEL W. HOBBS,  
CHARLES H. COOK,  
S. G. MORRILL,

*Board of Health.*

## REPORT OF THE MILK INSPECTOR.

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The examinations made by the milk inspector appear in another part of the health department report.

The milk industry, as all others during these times, has had its share of troubles. The great changes in the price of grain and other supplies, such as bottles, caps, etc., have resulted in the higher price of milk to the consumer, a price of twelve (12) cents being now generally charged, although milk may be obtained at from ten to eleven cents.

As happened last year, again this year many of the routes have been sold and resold many times. These constant changes increase the difficulties in keeping up equipment to the required standards; also, the Concord Milkmen's Association, because of these changes, has lost some of its past ardor for organization and discussion of the best interests of the business; this does not mean, however, that there are not among them men of good ability who could handle any situation in an emergency.

The supply of milk for the city, though below normal, seems at the present time adequate. The scarcity of sugar and the twelve (12) cent price has made a greater market for the condensed and evaporated milk.

If under war conditions the price of milk increases some new delivery plan might become an economic necessity to keep the price within reach of the poor.

The present plan where each route crosses and interlaces every other route must mean a great loss of time and money.

At this time the importance of milk to the children of the poor should not be lost sight of. Milk is the last

food; under any condition, especially where there are children in the family, that the poor should be forced to curtail on, and if the city takes any action on food conservation and distribution, milk should be the very first to receive attention.

Respectfully submitted,

CHARLES DUNCAN,  
*Milk Inspector.*

## REPORT OF THE SANITARY OFFICER.

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*To the Board of Health:*

GENTLEMEN: I herewith submit the report of the sanitary officer for the year ending December 31, 1917, calling your attention to the tables which show the work done by this department.

Returns were made of 509 deaths for the year 1917, 42 more than in 1916. One hundred fifty-seven non-residents and 19 still-births were excluded from this number in reckoning the death rate, which, based on the population of 22,000, was 14.40 compared with 12.81 in 1916. There were 231 deaths at the six public institutions and 278 in the nine wards of the city. The bodies of 124 persons dying in other places were brought here to be interred, and 191 bodies were removed from Concord to other places for burial.

Samples of water were analyzed by the state chemist at different times during the year and found to be satisfactory. In company with the superintendent of the water-works, I have made several inspections of the lake shore and found conditions good.

Water tests were made of new plumbing and 138 permits were issued during the year. Peppermint tests were made of the old work whenever requests were received.

The inspection of dwelling houses and blocks has been made thoroughly. This work has been made where the inspections were most needed, and also of all premises complained of.

Inspections were made of nearly all the barber shops in the city, which were found to be in good sanitary condition.

In company with Dr. Duncan, I have made such in-

spectations of milk farms as time would permit, but with the inspection of sewers, plumbing, nuisances and complaints, the care of contagious diseases and the increasing demand for fumigation, we have not been able to accomplish as much as should be done along this line, but during the year we were able to inspect 82 farms and found them to be in good condition.

The total number of cases of contagious diseases reported was 610, with three deaths. This number was larger than in previous years and necessitated a large amount of extra work. There were 1,323 visits made to contagious disease cases.

There were 138 cases of diphtheria reported, with three deaths, the largest number ever reported in one year. Medical inspections were made and cultures taken from the throats of all the pupils in the schoolrooms where pupils reported as having the disease had attended, and a number of mild and unrecognized cases of the disease were discovered. One case of smallpox occurred in May, the patient contracting the disease in an adjoining state. As soon as the same was discovered the patient was removed to the detention hospital on the Plains, there remaining until complete recovery; and in this connection I would say that while our building there is made comfortable for the summer use it is unfit for winter occupancy. I therefore recommend that the city dispose of this hospital and either arrange with the Margaret Pillsbury Hospital or the purchase of some other suitable building easy of access in the city proper.

In closing my report I wish to thank the members of the Board of Health and the members of the city government for their assistance during the year.

Respectfully submitted,

CHARLES E. PALMER,  
*Sanitary Officer.*

FINANCIAL STATEMENT OF THE BOARD OF HEALTH FOR THE  
YEAR ENDING DECEMBER 31, 1917.

## APPROPRIATION.

Salary, sanitary officer,	\$1,572.23
Salary, milk inspector,	300.00
Fumigation supplies,	100.00
Incidental expenses,	1,000.00
Contagious diseases,	500.00
Resolution No. 311,	472.06
	<hr/>
Total,	\$3,944.29

## EXPENDITURES.

Salary, sanitary officer,	\$1,572.23
Salary, milk inspector,	300.00
Fumigation supplies,	140.90
Incidental expenses,	957.82
Contagious diseases,	973.34
	<hr/>
Total,	\$3,944.29

## RECEIPTS FOR THE YEAR 1917.

Milk license fees,	\$201.50
Sale of fumigation supplies,	3.85
	<hr/>
Total,	\$205.35

## CONTAGIOUS DISEASES.

The following table shows the number of contagious diseases reported during the year, and the deaths resulting therefrom:

MONTHS.	Diphtheria.		Scarlet fever.		Smallpox.		Typhoid fever.		Measles.		Whooping cough.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
January . .	12	.....	.....	.....	.....	.....	1	.....	7	.....	.....	.....
February ...	11	.....	2	.....	.....	.....	.....	.....	5	.....	.....	.....
March .....	13*	.....	11	.....	.....	.....	.....	.....	8	.....	.....	.....
April .....	24*	.....	6	.....	.....	.....	.....	.....	76	.....	.....	.....
May .....	6	.....	4	.....	1	.....	.....	.....	118	.....	.....	.....
June .....	4	.....	.....	.....	.....	.....	.....	.....	128	.....	.....	.....
July .....	4	.....	1	.....	.....	.....	.....	.....	55	.....	.....	.....
August .....	2	.....	9	.....	.....	.....	1	.....	9	.....	.....	.....
September ..	27	1	1	.....	.....	.....	2	.....	.....	.....	5	.....
October .....	18	1	7	.....	.....	.....	1	.....	4	.....	.....	.....
November ..	9	1	6	.....	.....	.....	.....	.....	3	.....	.....	.....
December ...	8*	.....	3	.....	.....	.....	.....	.....	1	.....	.....	.....
Total ....	138*	3	47	.....	1	.....	5	.....	414	.....	5	.....

\*Including 24 carriers.

## CONTAGIOUS DISEASES BY WARDS.

WARDS.	Diphtheria.	Scarlet fever.	Typhoid fever.	Smallpox.	Measles.	Whooping-cough.	Total.
Ward 1 .....	2	3	.....	.....	30	.....	35
Ward 2 .....	1	1	.....	.....	4	.....	6
Ward 3 .....	7	4	.....	.....	2	1	14
Ward 4 .....	22	11	2	1	62	.....	98
Ward 5 .....	8	4	.....	.....	70	.....	82
Ward 6 .....	24	7	.....	.....	96	4	131
Ward 7 .....	24	8	3	.....	112*	.....	147
Ward 8 .....	3	2	.....	.....	25	.....	30
Ward 9 .....	47	7	.....	.....	13	.....	67
Total .....	138	47	5	1	414	5	610

\*Nineteen cases at St. Paul's School.

## COMPARATIVE TABLE.

The following table contains the number of cases of contagious diseases and the deaths resulting therefrom for the years since and including 1890:

YEARS.	Ophthalmia neonatorum.		Whooping-cough.		Infantile paralysis.		Diphtheria.		Scarlet fever.		Typhoid fever.		Measles.		Small-pox.		Totals.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
1890.....							6	2	9	...	17	5	6	..	..	..	38	7
1891.....							12	3	7	...	14	6	2	..	..	..	35	9
1892.....							13	3	37	3	7	1	2	..	..	..	59	7
1893.....							48	7	41	..	13	2	300	..	..	..	402	9
1894.....							17	3	113	6	13	3	21	..	..	..	164	12
1895.....							35	8	44	8	21	3	158	..	..	..	258	19
1896.....							55	8	4	..	15	5	452	..	..	..	526	13
1897.....							13	1	22	1	17	2	138	..	..	..	190	4
1898.....							4	..	8	...	8	4	126	..	..	..	146	4
1899.....							9	5	99	1	14	1	299	..	..	..	421	7
1900.....							29	5	39	...	18	1	476	1	..	..	562	7
1901.....							65	5	11	...	13	3	40	..	1	1	130	9
1902.....							29	2	6	...	23	3	27	...	2	..	87	5
1903.....							42	4	39	...	17	3	582	4	2	..	652	11
1904.....							55	3	18	...	12	1	31	..	..	..	116	4
1905.....							15	1	80	...	23	3	181	1	..	..	239	5
1906.....							14	2	27	...	32	3	101	1	1	..	175	6
1907.....							63	2	26	1	11	...	118	..	..	..	218	3
1908.....							44	4	7	...	6	1	100	..	..	..	157	5
1909.....							131	6	23	...	28	4	1168	1	..	..	1350	11
1910.....							30	1	10	1	16	...	143	..	..	..	199	2
1911.....							51	2	8	1	10	3	26	...	..	..	95	6
1912.....						2	1	17	1	7	...	15	4	321	2	..	362	8
1913.....						5	1	33	3	28	...	10	1	687	..	..	763	5
1914.....						3	..	30	...	28	...	7	2	6	..	..	74	2
1915.....	1	..	25	1	..	..	21	..	26	..	8	1	9	..	4	..	94	7
1916.....			5	1	1	1	54	3	18	...	8	1	382	..	..	..	468	7
1917.....			5	..	..	..	138	3	47	..	5	...	414	..	..	..	610	3

## DEATHS REPORTED BY WARDS AND PUBLIC INSTITUTIONS.

Ward 1,	27
Ward 2,	14
Ward 3,	10
Ward 4,	56
Ward 5,	45
Ward 6,	39
Ward 7,	45
Ward 8,	20
Ward 9,	22
New Hampshire State Hospital,	144
Margaret Pillsbury Hospital,	56
New Hampshire Memorial,	20
New Hampshire Odd Fellows' Home,	4
New Hampshire State Prison,	0
New Hampshire Centennial Home for the Aged,	7

## DEATHS BY AGE, 1917.

*Under 1 year,	57
From 1 year to 5 years,	13
From 5 to 10 years,	1
From 10 to 15 years,	2
From 15 to 20 years,	2
From 20 to 30 years,	24
From 30 to 40 years,	34
From 40 to 50 years,	39
From 50 to 60 years,	69
From 60 to 70 years,	90
From 70 to 80 years,	114
From 80 to 90 years,	54
From 90 to 100 years,	9
Not stated,	1
<hr/> Total number of deaths,	<hr/> 509

\* Including 19 still-borns.

## DEATHS DURING 1917 BY SEX, CONDITION AND NATIVITY.

## Sex :

Males,	270
Females,	239

## Condition :

Married,	197
Single,	157
Widowed,	131
Divorced,	14
Not stated,	10

## Nativity :

Concord,	126
New Hampshire,	180
Other states,	96
Foreign,	96
Not stated,	11

CAUSES OF DEATH FOR THE YEAR ENDING DECEMBER 31,  
1917.

Accident, drowning,	3
asphyxiation,	3
automobile,	2
hit by locomotive,	1
railroad,	2
electrocution,	2
kicked by horse,	1
fire,	1
Anemia, pernicious,	5
and old age,	1
Angina pectoris,	7
Apoplexy,	14
Arthritis, Deformans,	1
Autointoxication,	1
Brain tumor,	1
Bright's disease,	4

Bronchitis,	5
Cancer of bowels,	3
breast,	2
colon,	1
ear,	1
face,	3
intestines,	5
lip,	1
liver,	4
ovary,	3
rectum,	1
stomach,	4
uterus,	5
gall bladder,	2
thyroid,	1
Child birth,	1
Cholera infantum,	1
Coletes,	2
Congenital debility,	4
Congestion of brain,	1
Convulsions( uremic),	2
Cystitis,	1
Debility (general exhaustion),	1
Dementia,	3
Diabetes,	4
Diarrhœa and enteritis,	1
Diphtheria,	3
Dysentery,	8
Eclampsic (pregnancy),	1
Edema of lungs,	4
Embolism, cerebral,	5
pulmonary,	2
Endocarditis,	14
Endarteritis, cerebral,	1
Enteritis,	6
gastro,	4
Epilepsy,	4
Erysipelas,	1

Gangrene, from embolism,	1
of right foot and leg,	1
Gastric ulcer, perforation,	1
Heart diseases,	69
Hemiplegia,	1
Hemorrhage, cerebral,	32
pulmonary,	1
post partum,	1
Influenza,	1
Injury from delivery,	1
Infection, left leg by bacillus ærgenous capsilatus,	1
Intestinal obstruction,	6
La grippe,	2
Liver, acute yellow atrophy of,	1
cirrhosis of,	4
sclerosis of,	1
Meningitis, encephalo,	1
infected,	1
probably pneumococcus,	1
Mitral regurgitation,	1
insufficiency,	3
Myocarditis,	17
Nephritis,	9
diffuse,	2
interstitial,	13
parenchymatous,	1
Paralysis and spasm,	1
(not insane),	4
of insane,	1
agitans,	1
Paresis,	17
Pellagra,	2
Perityphlitis,	1
Peritonitis (acute speetic gall bladder),	1
puerperal,	1
appendicitis,	1
(perforating ulcer of rectum),	1
Pleurisy,	1

Pneumonia,	15
broncho-,	9
lobar,	10
hypostatic,	2
Premature birth,	13
Prostate enlarged,	1
Pyelonephritis,	1
Pyloric ulcer,	1
Pyelitis,	1
Salpingoophoritis,	1
Sarcoma, spine,	1
Sclerosis, arterio-,	19
Senile debility,	7
Senility,	1
Septicemia,	2
Status lymphaticus,	1
Still-born,	18
Suicide,	4
Surgical shock,	1
Tabes dorsalis,	1
Thrombosis, cerebral,	3
pulmonary,	1
Tuberculosis, meningitis,	4
pulmonary,	19
Vovulus,	1
Uterus, fibroids of,	1
Ulcer of stomach,	1
	<hr/>
	509

Total number of deaths for the year 1917, 509, compared with 467 in 1916.

Average death-rate for the year 1917, 14.40, compared with 12.81 in 1916.

Total number of births for the year 1917, 407, compared with 377 in 1916.

Total number of marriages for the year 1917, 200, compared with 187 in 1916.

REPORT OF MILK EXAMINATION AND INSPECTION OF MILK  
FARMS.

Number of milk examinations made,	122
Number of milk examinations above standard,	122
Number of examinations below standard,	0
Number of milk farms and milk rooms inspected,	82
Conditions good,	64
Conditions fair,	12
Conditions poor,	4
Improvements suggested,	4

SUMMARY.

Visits made to contagious diseases,	1,323
Burial permits issued,	509
Burial permits issued for interment of bodies brought here,	124
Transit permits issued,	191
Number of persons to whom milk licenses were issued,	230
Number of persons to whom garbage licenses were issued,	50
Number of reports of contagious diseases sent to the State Board of Health,	52
Number of reports sent to the surgeon-general, public health and marine hospital services,	52
Number of samples of water and ice collected for analysis,	12
Number of nuisances, complaints and inspections,	136
Number of rooms, etc., fumigated,	700
Number of plumbing permits granted,	69
Number of inspections of plumbing,	138
Number of sewers connected,	19
Number of public halls inspected,	10
Number of stone sheds inspected,	2
Number of barber shops inspected,	24

CHARLES E. PALMER,  
*Sanitary Officer.*