OUR CHANCES OF DEATH.

MATTERS ON WHICH THEY DEPEND REVEALED IN A BLUE BOOK.

Five Leading Causes of Death in England—The Peculiar Advantages and Perils of Different Pursuits—Puzzling Records of Suicides—Alcoholism's Many Victims.

Cleveland Moffett has been studying a British blue book which presents statistics of death in England in the years 1890, 1891 and 1892. In this book he says, the dead are classified according to ages, occupations, disease, districts, etc., until there is not the poorest chimney-sweep or loftiest cabinet minister who may not find, if he looks carefully, some precise statement as to how and why and when he is apt to die. And it is easy to see that these death discoveries made in London and England must apply in the main to other capitals and other countries where similar conditions exist. All conclusions in this blue book are based upon the deaths of men, for it appears that women make trouble even in the mortality statistics.

One of the first tables shows that men who have some regular occupation may face death more serenely than those who have none. This is especially true between the ages of 20 and 35, when the death rate for "unoccupied males" is from three to six times greater than for those with occupations, six times greater at 20, and threee times greater at 35. It must be borne in mind, however, that among the unoccupied are included not only persons retired from business or living on private means, but

LUNATICS AND PRISONERS

The tables show that this excessive death rate among the unoccupied is due mainly to diseases of the nervous system and to phthisis, the death rate from the former being seven times and from the latter nearly three times higher than for men with occupations.

We next see the advantage of living in agricultural districts away from large cities. Comparing the death rate of "occupied males" (whom Mr. Moffett considers exclusively now) we find that the mortality in London, taking the period in life from 25 to 65, is 20 per cent. above the average, while in the agricultural districts it is 28 per cent. below the average. And still less favorable is the lot of those who live in the industrial regions, the great manufacturing centres like Sheffield and Birmingham since for them the death rate rises to 31 per cent. above the average. The chief causes of these higher death rates, both in London and the industrial districts, are phthisis and diseases of the respiratory system.

Statistics are given of twenty-four diseases or causes of death, and five of these, viz: phthisis, diseases of the nervous system, diseases of the circulatory system, bronchitis, and pneumonia, causes more than half of the entire mortality. Cancer kills more than influenza, while suicide is directly responsible for more deaths than alcoholism. It is, however, pointed out expressly that alcoholism contributes to many deaths that are put down to other causes. In certifying the cause of death of inebriates it is the habit of some medical men to state only the pathological condition of the organ or organs chiefly affected. The experience of the General Registry office shows that

CIRRHOSIS OF THE LIVER

for instance, (the liver is the organ which, more than any other is affected by intemperance), is frequently returned as the sole cause of death in such circumstances, the fact that abuse of alcohol had induced the cirrhosis or other morbid condition being omitted from the certificate. There is a special table given for alcoholism showing comparative mortality figures, and social philosophers will shake their heads wisely when they see, at the very head of the list, the keepers of inns and hotels, their servants, and the whole tribe of brewers and distillers. Men of these classes, that is, the dispensers of alcohol, die of its effects and three to ten times faster than the average of "occupied males," three times faster for the brewer, ten times faster for the London hotel servant. On the other hand, the mortality from alcoholism among agricultural laborers, railway men, iron and tin and coal miners, clergymen, fishermen, and others is far below the average, only one-third or one-fourth of it, while in the case of soap manufacturers, lead workers, copper miners, and carpet manufacturers, no deaths whatever are recorded from alcoholism. It would be of interest to know if there is some subtle relation between soapmaking and total abstinence.

Mr. Moffett found the suicide statistics full of similar unexplainable conclusions. Why, for instance, should zinc workers be five times as ready to kill themselves as ordinary "occupied males," whereas watchmakers are only twice as ready, copper workers only one-third as ready, while hotel servants in the industrial districts, copper miners and tin miners apparently never kill themselves at all!

THE NORMAL AVERAGE

requires that there be one suicide in every 100 deaths, but innkeepers, teachers, artists, musicians, hair dressers, and commercial travellers kill themselves much oftener than this, while boilermakers, bricklayers, clergymen, and coal miners, keep their self-destruction well below the average. Farmers, gardeners, etc., in the matter of suicide are above the average, while their servants are below it. Physicians kill themselves three times as often as ordinary men, and in that difficult period of their lives between the ages of 25 and 35 their mortality from suicide is even greater. Publishers are singularly free from a tendency to suicide.

Coming to the table of phthisis, which kills more people every year than any other disease, it is seen that the greatest sufferers here, as was the case with alcoholism, are those who have to do with the running of inns and hotels; indeed, the presentment of dangers connected with these two callings is quite appalling. It is plain that neither hotel keepers nor their servants have anything to hope for from mortality statistics. Not only do they head the death rate lists in phthisis and alcoholism, but they hold the same unenviable position for influenza, gout, rheumatic fever, pneumonia, diseases of the liver, diseases of the digestive organs, and, finally, they show the highest mortality figures for diseases of all sorts. "The mortality among publicans, in London," remarks the statistician, "is nearly double that of all occupied males taken as a standard. They die nearly 10 times as fast from alcoholism. 5 1-2 times as fast from gout, 3 1-2 times as fast from diabetes, 3 3-4 times as fast from diseases of the liver, and twice as fast from phthisis, rheumatic fever and suicide."

Looking over other lists Mr. Moffett finds that chimney sweeps have nearly four times the tendency of ordinary men to contract cancer, that general laborers are the most fortunate in escaping gout, lead workers and file makers die about three times oftener than the ordinary citizen from

BRIGHT'S DISEASE,

which is almost never contracted by tallow soap manufacturers (here we have the mystery of soap-making again); that coal miners and lace makers show only half the general liability to liver diseases; that seven ordinary men die from accidents for every schoolmaster who so dies; that paper manufacturers are practically free from rheumatic fever, although bookbinders suffer from it cruelly; that coal heavers, porters and metal workers seldom die from diabetes, although that disease carries off three times as many glass manufacturers and four times as many lawyers as the average calls for.

The blue book statistician has a poor idea of musicians, whom he finds "sadly addicted to intemperance." They die more than twice as rapidly as ordinary men from alcoholism, nearly twice as rapidly from phthisis, and very much more rapidly from nervous diseases, liver diseases and suicide.

Commercial travellers show a high mortality, considering the large amount of time they spend in the open air. Alcoholism and liver diseases are the chief causes of this heightened death rate, which increases as they pass middle life. Commercial travellers die from diabetes almost as fast again as the average, and from cancer faster than the average by 43 per cent.; they also suffer exceptionally from Bright's disease. Their mortality from phthisis and from diseases of the respiratory system is, however, below the average."

Among many other tables are two important ones, showing the effects in mortality statistics of breathing foul air and breathing dust-laden air. The conclusions are that coal dust and the dust of such woods as are used by carpenters and joiners are much less injurious than the dust of metals and stone, while flour dust and the dust of textile fabrics come between the two in point of harmfulness. As to the breathing of foul air, it is proved that in occupations where it is inevitable, as in printing and shoemaking, the mortality figures from pulmonary diseases are materially increased.

TO CURE A COLD IN ONE DAY.
Take Laxative Bromo Quinine Tablets. All Druggists refund the money if it fails to Cure. 25c.

FROGS IN BELGRADE.

In the chief square of Belgrade, Servia, innumerable little frogs hop about as unconcernedly as if they were far away in the country. How they came there and how they survive, no one seems to know.

TOPICS OF THE DAY.

Every one is surprised at the rapidity and efficacy with which Nerviline—nerve-pain cure—relieves neuralgia and rheumatism. Nerviline is a specific for all nerve pains and should be kept on hand by every family.

I find nothing so singular in life as this, that everything opposing appears to lose its substance the moment one actually grapples with it.—Hawthorne.

Quickcure for Scalds, 15c, 25c, 50c.

Our greatest glory is not in never failing, but in rising every time we fail.—Confucius.

Quickcure for Toothache, 15c, 25c, 50c.

A LUCKY GIRL.

Maud—Clara Highfly is just the luckiest girl.

Edith—She has many lovers?

Maud—Ever so many, and she has only one little brother, and he was brought up in Paris, and doesn't know a word of English.

What You Get

When You Buy Medicine is a Matter of Great Importance.

Do you get that which has the power to eradicate from your blood all poisonous taints and thus remove the cause of disease? Do you buy HOOD'S Sarsaparilla and only Hood's? If you do you may take it with the utmost confidence that it will do you good.

Hood's Sarsaparilla

Is Canada's Greatest Medicine. Sold by all druggists. $1; six for $5. Get only Hood's.

Hood's Pills are the favorite cathartic. 25c.

PEARLS OF TRUTH.

Conduct is three-fourths of life.—Matthew Arnold.

Every noble work is at first impossible.—Carlyle.

What has been done can be done again.—Disraeli.

No one can disgrace us but ourselves.—J. G. Holland.

Our only greatness is that we aspire.—Jean Ingelow.

Self respect is the cornerstone of all virtue.—John Herschel.

Success in most things is in knowing how long it takes to succeed.—Montesquieu.

A QUERY ANSWERED.

Anxious questioners ask, "Is there no sure cure for corns?" We are glad to be able to tell these sufferers that Putnam's Painless Corn Extractor will relieve them in a day, and extract corns without pain. It never fails.

BOTH TRUE.

Fax—The diamond is the hardest known substance.

De Witte—Yes—to get.

Additional Government Deposit by Mutual Reserve Fund Life Association.

The Mutual Reserve Fund Life Association of New York have recently increased their deposit with the Insurance Department at Ottawa by the sum of one hundred and fifty thousand dollars, now making over a quarter of a million dollars deposited with the Dominion Government for the security of its policy-holders in Canada. This will, no doubt, be gratifying to the Canadian policy-holders, as evidencing the good faith on the part of the association and its ability to meet all the requirements of the Insurance Department at Ottawa.—Toronto Globe.

IN LOVE.

They seem to be a very devoted couple.

I should say so. They've been married three years and still ride a tandem.

ASK RIDE **Hartford & Vim Tires**
Head Office— 9 Adelaide St. W., Toronto.

Character is power; it makes friends; creates friends, draws patronage and support; and opens a sure and easy way to wealth, honor and happiness.—J. Hawes.

Quickcure for Bruises 15c, 25c, 50c.

NO CHANCE WHATEVER.

Jimmy, you must not talk when older people are talking.

Well, I's'pose you want me to grow up dumb.

STATE OF OHIO, CITY OF TOLEDO, } ss.
LUCAS COUNTY.

FRANK J. CHENEY makes oath that he is the senior partner of the firm of F. J. CHENEY & Co., doing business in the City of Toledo, County and State aforesaid, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of Catarrh that cannot be cured by the use of HALL'S CATARRH CURE.

FRANK J. CHENEY.

Sworn to before me and subscribed in my presence, this 6th day of December, A. D., 1886.

{SEAL} A. W. GLEASON, Notary Public.

Hall's Catarrh Cure is taken internally and acts directly on the blood and mucous surfaces of the system. Send for testimonials free.

F. J. CHENEY & CO., Toledo, O.

Sold by Druggists, 75c.

Hall's Family Pills are the best.

DIFFERENCE OF OPINION.

'Tis love that makes the world go round.

Oh, no; it's too much liquor.

ALBERTS' THOMAS-PHOSPHATE POWDER

There is a limit to the work that can be got out of a human body, or a human brain, and he is a wise man who wastes no energy on pursuits for which he is not fitted.—Gladstone.

Quickcure for Sprains 15c, 25c, 50c.

W P C 922

Bicycles—New $50 wheel for $25—Ladie's or Gents'. Will be sent for inspection on receipt of $1, which will be allowed if wheel is retained. Single or double tube tires $3.50 pair. Clapp Cycle Co., 463 Yonge St., Toronto.

WIND MILLS—Steel, Galvanized, Roller and Ball Bearings, Iron Pumps, Sprayers, and Grain Grinders. Gould, Shapley & Muir Co., Limited, Brantford, Canada.

Fence, Fence—We can cut your 1898 Fence account in half. We claim we have the best and most practical fence on earth. Four miles of it in use at the Experimental Farm, Guelph, Ont. Send for prices. Address Toronto Picket Wire Fence Co., 321 River St. Toronto, Ont.

THE PURITY OF **LUDELLA Ceylon Tea**

Has made it an easy winner. You have only to ask any of its many drinkers to find this out.

LEAD PACKAGES, 25, 40, 50 and 60c.

WELL, WHY IS IT?

Is this where you answer questions? he inquired.

It is where we answer some questions, was the guarded reply, for a man who undertakes to answer questions soon learns to be cautious.

Well, I have one that really ought to be answered, he asserted.

I shall be glad to have a chance at it, returned the young man in charge.

Well, why is it that the only match you have always goes out?"

Fortunately the young man in charge had expressly stated that it was the place where some questions were answered. Otherwise he would have been in a tight place.

SHIP YOUR PRODUCE, Butter, Eggs, Apples, Fruit, &c., to THE DAWSON COMMISSION CO., Limited, Cor. of West Market and Colborne Sts., TORONTO

MINERALS TESTED for Gold, etc. Write for prices. MILTON L. HERSEY, B. A. Sc., 16 St. Sacrament St., Montreal, Que.

BOATS and CANOES. Write for catalogue. WALTER DEAN, - 1751, Queen St. W., Toronto.

FARMS AND ESTATES bought, sold & exchanged. Terms mailed free. H. M. SIMPSON, Real Estate and Financial Agent, Montreal, Que.

LAW Mills, Mills & Hales, Barristers, etc., removed to Wesley Bldgs., Richmond St. W., Toronto.

BEES Italian and Hybrids—best Queens. All Bee Supplies—best quality. Weed Patent Process Foundation. Wax Wanted Cash or trade. Gould, Shapley & Muir Co. Limited, Brantford, Can.

WOOD'S PHOTO ENGRAVING J. J. JONES ENG. Co. 6, 8-10 ADELAIDE S. W. TORONTO

STAMMERERS. ADDRESS CHURCH'S AUTO-VOCE INSTITUTE, 9 Pembroke St., Toronto, Canada. CURE GUARANTEED.

Love Yourself. Harris Buys Scrap. 25-31 William St., Toronto. Phone 1729.

J. N. ANDERSON, M.D., No. 5 College-st. TORONTO, Ont. EYE, EAR, NOSE & THROAT SPECIALIST

C. P. R. has cut the railroad rates. We have cut the prices of our Wind Mills, Pumps, Sewing Machines, Guns, Bicycles and Hardware. Send for prices before purchasing and save money. The Bailey Donaldson Co., MONTREAL.

Dominion Line Steamships.

Montreal and Quebec to Liverpool in summer. Large and fast twin screw steamships 'Labrador,' 'Vancouver,' 'Dominion,' 'Scotsman,' 'Yorkshire.' Superior accommodation for First Cabin, Second Cabin and Steerage passengers. Rates of passage—First Cabin, $52.50; Second Cabin, $34; Steerage $22.50 and upwards according to steamer and berth. For all information apply to Local Agents, or DAVID TORRANCE & Co., Gen'l Agents, 17 St. Sacrament St., Montreal.

WE estimate that every person we induce to try our Teas brings at least 3 new patrons. . . .

MONSOON INDO-CEYLON TEA

Is put up in lead packets only. Never sold in bulk. Drop a post card for Sample Packet.

THE MONSOON TEA CO., 7 Wellington St. West, - - - - TORONTO.

ROOFING and Sheet Metal Works. ROOFING SLATE, in Black, Red or Green. SLATE BLACKBOARDS (We supply Public and High Schools, Toronto). Roofing Felt, Pitch, Coal Tar, etc. ROOFING TILE (See New City Buildings, Toronto, done by our firm). Metal Ceilings, Cornices, etc. Estimates furnished for work complete or for materials shipped to any part of the country. Phone 1836. D. DUTHIE & SONS, Adelaide & Widmer Sts., Toronto.

CONBOY'S IMPROVED CARRIAGE TOPS

received the highest awards at the World's Fair 1893. CONBOY'S PATENT ROLLER TOPS have met with such universal favor, that other manufacturers are now making inferior imitations. Insist on having the Conboy make as imitations are never as good as the genuine.

CANADA PERMANENT Loan and Savings Company.

INCORPORATED 1855.

Paid-up Capital.....$ 2,600,000
Assets..... 11,400,000

Head Office—Toronto St., Toronto.
Branch Offices—Winnipeg, Man. Vancouver, B.C.

DEPOSITS received at interest payable half yearly.

DEBENTURES issued for money deposited for three or five years.

MONEY ADVANCED on Real Estate at low rates of interest and on favorable conditions.

Land Mortgages and Municipal or School Debentures purchased.

Information may be obtained from, and applications may be made to

G. F. R. HARRIS, General Agent, Winnipeg.
CESARE J. MARANI, General Agent, Vancouver.

or to J. HERBERT MASON, Managing Director, Toronto.

WINTER RESORT.

ST. CHARLES, ATLANTIC CITY, N. J.

OPEN ALL THE YEAR. FINEST HOTEL ON THE COAST.

Sun parlor 300 feet long overlooking ocean and beach esplanade. Vacuum steam heating system. Elevator to street level. Hot and cold, fresh and salt water in all baths. Rooms en suite, baths attached.

JAMES B. REILLY, Owner and Prop.

Established 1854. 33 Steamers aggregating 133,000 Tons.

ALLAN LINE Royal Mail Steamship Co., Montreal to Liverpool.

Steamers sail from Montreal every Saturday morning on arrival of trains from Toronto and the West about 9 o'clock.

RATES OF PASSAGE

Cabin $52.50 and upwards; Second Cabin $34 and $36.25; Steerage to Liverpool, London, Glasgow, Belfast, Londonderry or Queenstown $22.50 and $23.50.

A reduction of five per cent. is allowed on round trip first and second cabin tickets. For sailings of steamers or other information apply to any authorized agent.

H. Bourlier, 1 King St. W. Toronto, or H. & A. Allan, Montreal.

KNITTING MACHINES. OLD AND RELIABLE. Established 1872

THIS IS FOR YOU—Clothe your family from head to foot with our MONEY MAKER

Prices only $15, $20 $30.

CREELMAN BROS., Georgetown, Ont.

FOR TYPEWRITERS WRITE US.

HAIR PRODUCER — CURES DANDRUFF

What? "AMBERINE"

Over 800 are using it in Hamilton. Over 1000 in Toronto and London.

Removes Dandruff in One Week. Cures Itching of the Scalp. Prevents Breaking of Hair. Stops Falling Out.

POSITIVELY GROWS HAIR.

SWORN TESTIMONIALS SENT FREE.

"HAIR PRODUCER" $1.00 per Bottle from Druggists, or on receipt of price to Job Cook Mf'g Co., London, Ont.

ENDORSED BY CLERGY — TESTIMONY UNDER OATH

SURE!