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# CANADIAN CENSUS OF 1871. 

## Remarks on Mr. Harvey's Paper published in the February Number of "The Canadian Monthly."

An able statist, Mr. Block, has said, "a "statistic established with no other pre
"occupation than truth is not the statis"tic having the best chance to escape "attacks." The officials engaged in the statistical work of the Canadian Census of 1871 have now had abundant opportunities of experiencing the exactuess of ML . Block's honest, but rather humiliating reflexion.

Mr. Harvey, whom 1 am now answering, cannot take amiss that his strictures are examined and that, in doing so, a few ot the many misappreaensions and errors which compose the elements of all the at.acks made on th ; Census are exposed. Long before the Census was taken and even before the system was adopted, some newspapers had predicted that all would be wrong and the result inco"rect. This arose from the inner conviction that imaginary anticipated figures, which had found credit in the public mind and which had been made the basis of many arguments and expectations, would vanish before the evidence of the real facts. These wild expectations had been raised to such an extent that the probable population of the Dominion for 1870 was set down, by some, at the presise number of 4,707,751, which estimatis, nevertheless, was declared by others to be "rather below than above the actual figures." Mr. Harvey's own figures of the expected population amounted to about four million and a quarter, for the four provinces.

It was painful for the prophets and their believers to ba struck by the fact that the brilliant anticipations of an extraor.
dinary increase of populaticn, which have erowded newspapers, reviews and almanars for several years, were not realized; in tine some way that it is painful for an over sanguine business man to berome acquainted with the fact that his speculations have not turned sc protitable as he expected. Navertheless, it is of paramount importance for the country, as it is for the merchant, to hnow the truth as it is, and it would be dangervus for both to allow themselves to be deluded on points of such vital importance.

The eame deception had partly overtaken the people of the United States who were prouised, by charming calculations. a population of $45,000,000$ and even $50,000,000$, and great also was the disappointment at the announcement given by the last United States Census that the pepulation was not quita $39,0,0,000$. Fortunately for our aeightors, they have had the good dispo. sition to accept with dignity the unwelcome truth. In answering the ably written and no doubt popular article of Mr. Har. vey, I have, therefore, the unpcpular side of the question; but, as I am certain that 1 am , at the same time, on the side of verity, I will, come what may, uphold it in as few words as I am able, the length of which, however, will have to bear the increase of necessary quotations from the paper of my learned adversary.
Mr. Harvey begins his criticism of the Census of 1871 by the following words :-
"The Census of 1861 gave to Upper and lower "Canala, New Brunswick, and Nova Scotia, "aboun three million souls, and if these drovinces
"had contiour" to therefse until i871, as hast as "they were suid to have done for the ten "preceding yents, they would now have num"bered four millions and a ghater, instead of "pnder three millons and ahalf. The diflicrenee "botween the antlelpated figures and the atetual "between the antielphted figures and lize atetual "statement is grave and the phble areas steanily
"denying the accuracy of the reectit, census, as tho "denying the accuracy of the recent, rensus, as tho
"olfeiats are upholding il. It doess not follow from "olfeiats are upholdiug il. It does not follow from
"the fact that the general expeetation has been "disappolnted, that the oflletas are mistaken."

I answer, that the ascertaining of the population of a country is not a question of anticipation, expectation, induction. comparison or of geometrical progression, but one of evidence, to be obtained de visu and in situ by sworn witnesses, from house to house, every individual being recorded one by one, by name, and in no othe: wily. It is not a mattor of argument, but essentially of fact.

The rate of increase of one period, in a young country yet undergoing the procez? of colonization and traversed by migratory currents, is no criterion whatever of the rate of increase of the next period. "he population of Upper Canada was $465,357 \mathrm{ilı}$ 184I, (and of thet year) as ascertained by the census of that year ; it wes $95^{\circ}, 004$ in 1851, (end of the year) ; and $1,396,091$ in 1861, (end of 18C0) showing a toial in. crease of 104 per cent for one decenniad, and 46.00 for the period next following; But as the second period was made, in reality, only of nine years, the correct statement is to say that the annual insrease was at the rate of 7.42 during the tirst, and 4.34 during the second period.
'this example shows the fallacy of calculations based on a mere regular yeometrival progression, made to anticipate the knowledge of a fact which still lies under the veil of futuritv, and of which the multifarious influencing causes, such as the action of density, of migrations, \&.c., \&c., are quite in rebellion to the laws of ma. thematics.
'Therefore, 'between the anticipated figures and the actual statement," there is simply the difference that exists between falla. cious calculations and an ascertained nu. merical fact.

Mr. Harvey a little further on says:
"The Census of 1861 was taken in one day; and "the de facto popalarion, that, is, the popnlation "actually uthere, was assigned to -ach honse, vil"lage, county, city."

This is what is asserted and copied and made an argument of, sufficient (however irrelevant to any reasoning) to delude the prejudicet portion of the public; but what ure the facts? 'Tue Cansus of 1861 was not taken in: one day, nor in two weeks, but although much less extensive, took as many weeks to complete as the Census of 1871. It was not taken under either of the two systems (the de jura or the de facto) ;
but without system, and made to include beth the presentand absent ol'every family ; thereby making a double entry of all the Huctuating population, travollers, schonlars, inmates of public institutions, lumber. men in the forest, \&c., \&c., who were all counted twice, first where found and second with their families at home, all that in addition to foreigners huppening to be, for the time bing, present at some place in the country.

That the Census of 186 l gives a somewhat exaggerited figure is a fact that never was cloubted by those who have had opportunities of studying the proceedings of that Census, for the simple reason that the proot of the double entries exists on the very firce of the schedules and in no concealed form. The same proportionate exaggeration, by making use of precisely the same proceeding, was made in this Census of 1851. It follows that the enormous iucrease, heretofore signalized for the period 1841.51 (although widely ditfering from the next following) contains an important erros, and that the falling ofl in the ratio of increase for the decenniad 1861.71 (although in reality very large) is not, by a notable figure, so large as is made apparent loy comparing the reurus of the two last censuses.

Mr. Harvey enters into a rather over. philosophical examination cf the systems of Census taking, in which the system de jure is lepresented as a sequence of the "Roman jurisprudence. ... which mysti"fies the unwary litigant," and the rystem defacto as following the "Common Law "ideas and whatever is most practical :" of all of which $\mathrm{Mr}^{1}$. Harvey concludes that the system de jure is "cognate" to the latin peoples and "foreign" to the Teuton. I shal" not mater into any discussion of such transcendeutal natuie, being rather inclined to restrict myself to facts and to arguments derived therefrom. The facts are, that there is no discriminativn as to the races which have adopted one of the two above mentioned systems. There are Iatin peoples who have preserved the traditional system de jure, and there are latin peoples who have adopted the comparativoly recent system of de facto, and so it is with the Teutonic races. Two examples will sutfice to show the error into which Mr. Harvey has fallen, just in consf. quence of relying entirely on the use and the abuse of the method of induction in relation to pure matters of fact. The largest latin agglomeration, France has, for some time, adopted the system de facto for the quinquennial enumeration of her people. The largest English spesaking agglomeration, both in goint of population
include family; all the school:lumber. vere all second that in be, for place in
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and territory, the United States are ma.'. ing se of the syatem dejure; in this respect their manual of instructions for their Census of 1870 is similar to our own manual of 1871 .

I hope this, henceforwhid, Mr. Harvey will become convinced that tho aloption of the de jure system, in Connali, is not due to the fact that Mr. Dunsin is it "Quebec lawyer learned in the roman jurispru. dence' and M.r'tache "a Fiench Canadion pmisang."

Mr. Ilarvey el-ewhere says :
"Most or the checks, however, whicin hove " been applied, have shewn the Census tivures to "be an under statement, as Indeed from the "nuture of the de jure promelplo anplled by " wntrabued men, they are pretty sme iv be."

Without attaching more importance to these so called checks, which are very mach inferior, in sharacter and relishility, to a regular census, such as they are, they have been the reverse of what Mr. Harvey asserts them to have been. The munici. pal enumerations of Ontario (there are none in the ocher Provinces) taken fow week; before the cersus day. show less numbers of population, and in most cases considerably so. Amongst the many of which I have myself compared the figures, there is only one exception, and only amounting to a trifling difference of tess than one per cent in a small locality.

I have so far heard of only two enume. rations taken, since the putlication of the census figures; and this under precon. ceived ideas and with the nvowed pur pose of showing the Census at fault. In Ontario the town of St. Mary's has had one taken, which is a confirmation of the Census, inasmuch is the Census gave to that locality $31: 20$ souls, and the special enumeraion 3178 , nine months after date. In Quebec, the frontier town of 'St. Johns has had an enumeration, taken without names or any othermentus of control which has given a pooniation severil hundreds in excess of the Census, out of 302 D inha. bitants, a clear indicati-. 1 that the check was rather overdone. This case falls under the applicatius ut the marim of universsl wisdom, which slys: "Who pruves too much proves nothing."

I repeat thit there is no guarantees whatever in such check enumerations, taken hy agents not legally responsible, under sectionnal influences, at work, amongst a population, at the time actuated by an intense spirit of locality and nlmost pledged to procure a higher figure than the Census. It is plain that to obtain a correct enumeration in such circumstances is a chanse not to be expected once in many times: cheoks of that sor't are to be received not with $a$ grain but
with a bushal of silt. It would be indeed a remarkable staff of municipal officers, ind a remarkable comnunity that would, in Americil specially, keep is equanimity of mind and delicacy of conscience under such a pressure, in the absence of the necesrary precautions appertaining to this kind of work. Apart fromall that, an enu. meration made without writung in the name of every persor is admitted to be, by all authoritien, under all circumstances, it questionable piece of staistics, as it allows of little or no control and opens the door to all sorts of errors.

Mr. Harvey, elsewhere, seys:
"Novar Regtla has hod a reglstratlon system in "operation for sume yetrs, more or less efficlent, " aind the gentleman who has had charge of it "has been attached to the Census Statt: Hence, "that Province has, In nil ilkellioml, the mont "complele enumeration, ithd cons quently gatins. "The other l'ro imes hatve nol hiad tilsig great " ndvrnhase."

Tins is certainly an ingenious theoretical explanation of the higher ratio of increase repiorted for Nova Scotia: but the facts, the unvielding facts, unfortunately again set their stubborn argument against the conclasions arrived at. The registration system in Nova Scotia, with the exception of what concerns the city of Halifax, is still in its infancy, and kas not yet, and could not nave, despite the efforts of the zealous ofticial who is at the head of the statistical Uffice there, reached a point even approaching approximation; while the Province of Quebec, where the ratio of increase has been the smallest of the four, has, for the eleven-twelfths of its population, as perfect a syistem of regis. tration as the very best in Europe, and that from the very beginning of its colonization; so much so that the ancestry of the poorest Catholic laborer in Quebec, can be traced to the first of his name who immigrated to Canada.

Besides, the registration of births. marriages and do.ths is a thing cuite separate and distinct, in every particular, from the process of taking a census.

The registration office, when organized, is it is in kngland, for instance, may renter the preliminary labor of preparing, and the ultimate labor of compiling the returis more easy to the head office, by making use of an already trained numerous personnel of registrars, deputy registrars, and registration clerks, which, how. ever, has not bcen the case in Nova Scotia.

The fact of the matter is that the census of Ncva Scotia is neither better nor worse than the census of the other Provinces; the same system was applied to all, the same precautions token: the
personnel chosen in the same manner. the preliminary instruction, both by books and oral teaching, imparted in the samo way, and the same processes of verification resorted to. For those who we acquaint ed with the proceedings of the last census, the supposition I am refuting and the conclusion derived therefrom are simply lu. dicrous.

Mr. Harvey a little further, when attacking the de jure system, says.
"In this eomention we shoulid consider" that :" "thid de jure system works infistice nuywhero is "is in the towns and cilles. The naveliers stay-
 "o boarding houses, thes servants in fitmilliss-att "there are referreri to tharir homus, whice 1 ars "chletly in the comntry, while forelgners pussinf: "ibrongh the Dominion who are not enumerated "at ail, are almost nltogether in elties and "towns."

Speaking of injustice. because the travellers and foreigners are not adderl in. as part of any population, to which they are of course perftet stringers. is rather a serious misapprehension of the idea o" right.

What is the obiect of an enumeration of the population of a country? Is it the meie childish vain desine of crow:ling the largest possible figures on paper,? Is it not, on the contray, for the honest and reasonable purpose of knowing the real strength, or the weakness of the agglomeration and of every portion thereof; of knowing the relative proportion of sexes, ages, \&c., \&c. ; is it not to ascerbain whet are the elements of vigor or of feable ness, and where, and how they are in ex, istance, in order to divulge the causes and suggest future invigorating or curative action? If, to the real poprlation of $d$ frontier town were adderl (as : local open ration has done) the few hundreds, travellers, strangers and foreigners, who gather there, will it bo a greater producor or consumer, or a grester bulwark agninst invasion? Might it not, on the contrary, mislead 'the administration and induce the country to calculate upon a fictitious sirengili, and to count as contributors to she resonrces of the country or as defenders of the soil, a number of men acturlly arrayed ngainst its interests or peace; men, whose first movement, on an emergency, would be to return to their legitimate quartors?

When the de fucto system is bona fule put into practice, the difference as a whole, in the result is quite insigniticant one way or the other. Where adopted it is not because it is apt to show a iarger ligure (an argument which no statist would venture oftering) but because it is argued that it simplifies the proceedings nnd that the omission of the number of the temporary aksent is made up by the temporary present be.
ing counted, or in the words of the Regis. tray Genoral of England: "Foreigners arc a set off against the number of Singlishmen abroad." Therefore, such statists as are longing for a system to increase the figures and make them look more respectable must lay aside the de facto as well us the dejure, to take up the superb system of 1851 and 1861 of counting hoth hands and both ways, which system, however well imagin. ed for the purpose, is yet quite inade. quate to reach the "anticipated figures."

The mere fact that a Census has been taken under one or other of the two sys. tems cannot be argued against the correctness of the result. The two systems have their advocates, and are both practiced; teitler of them is r dogma of salvation; neither of them the abomination of sin. Une may be better adapted than the other to given circumstances. The de jure sys. tem has been resorted to, both by the United States and the Canadian authorities, is being the better in view of the circumstances of special difficulties of organization, of the immense extent of ter. ritories and of federal politic ! institutions. It has the immense adivantage that it does not necessitate the very great haste which is a $n$-tural sequence of the adoption of the dc facto system.

In connection with this, it is well, however, to remark that an idea, which has been previlent and urged as a kind of byword of criticism, is that the census of a large community, as of $t$ vast extent of country, can be done in one day, and its results published within a week. It is, however, quite erroneons. But even if sach expedition were possible, it would be of no decided advantage, in ordinary circumstances, and certainly no panacea against errors- Mr. Harvey limself gives a very good reason why, we in Canada, should not sacritice to the impatient desire of being very fast, when he says, speaking of the diticulties existing in statistical enquiries and census takiner in America: "Duiies ohich of all others require mosi training and most speciul study, are thus of necessity placed in the hands of unskilled, untrained ond hastilij appointed persons." Is it not then plain that to adopt a system which necessitates ten times as many officers and enumerators, and which requires the most haste, would be adding to the difficulties and chinces of errors to a very great extent, if not in a proportionate ratio?

There has been a falling off in the ratio of increase of our population during the last decenniad, and although the extent of it could not have been surmised before the actual taking of the census, still, men who had spent some time in analyaing the
f the Regis. signers are a Énglishmen tists as are the figures ettable must the dejure, of 1851 and $s$ and both vell imagin. quite inade. d figures." 8 has been the two systhe correctstems have practiced; salvation; ation of $\sin$. in the other de jure sys. roth by the an authoriview of the ulties of ortent of ter. institutions. that it does haste which adoption of
well, howwhich has kind of by. sus of a large ; of country, $\lambda$ its results s , however, sach exld be of no try circum. cea against ives a very , should not e of being king of the 1 enquiries a: " Dutizes training and of necessity untrained Is it not tem which officers and es the most difficulties - great ex. ratio? 1 th ratio during the the extent ised before , still, men alyzing the
movements of our population wore prepared for a result which has taken by entire surprise a large portion of our publio, laboring under the delusions of the":anticipated figures.
The statement of the facts revealed by the census is ensily sustained ly the argument derived from notorious concomitant events. With the exception of the three last seasons (only two appertuining to the last decenniad) the immigration permanently settling in the country has been, for many years past, compara tively a mere nothing, at tise same time that a considerable emigration was going out from all parts of our four Provinces, but more especially from the Province of Quebec. That emigrat on towards the United States, already begu:n during the previcus decades, has wen intensified during the last one. An indense vacuum in the $l$,bor market had been created, during that period, in the midst of tiec able bodied male population of the neighbnuring Republic, by several years of a fierce civil war, and the concident fact of tiog nbolition of compulsory slave labour. The call to fill up came under the double form of plenty to do and high wages. Our comparatively small population furnished, sk could not be otherwise expected, a lirge part of the filling. thereby causing an absolute diminution of the population, and a proportionate diminution in the ratio of increase of our people. To remain blisd to the light of such a plain explanation of the results ascertrined, supported by such a broad notorious tact, wound cortainly indicate a very unhealthy state of the public mind.
The reflecting mind of Mr. Harvey, not withstanding that he impugns the accur. acy of the census on mere suppositions, is in spite of himself drawh to deal with the fact of a diminution in the rate of increase of our population:-for those who are accustomed to analyse the human mind and the association of ideas, it is a decisive proof that Mr. Harvey is, in re viity, and at the bottom of his coul, more convinced of the atcuracy of the census than he has made himselt aware of. He says:
"there seems to be a point at whileh popalation "In the old countles $=$ tops, and it 15 probabty "reached when there are as inany people firming "the land as can profitubl\% do so by their own "Iabour, and whthont cmply yin" enpital in muder"dralitug, sub-soll pl nghing, or artheclay man"ures. In the present state of the continent, " with new iands withln easy reach, it possibly "pays the farmer better to send hits sons nwa. "to seek them tha," to strive to increase his "crops by applying :celence and capltill to the old " farm. That it does so hay evidentily become "the prevailtng belle?,"

There is no doubt a great weight, a very great weight, in the ably stated remarks above quoted; but:-the conclusion which logically follows these premises, is that a diminution in the ratio of increase o! onr population becomes a matter of oourse, to an extent commensurate with this cause added so the other forces at work in creating and maintaining the existing current of emigration.

Further, Mr. Harvey mays:--
"Have the furming inuds been too much subdi" vided ?-and is a cleuring out process commenc" iner naturnly, like that which was carried out "forelbly in the Scottish Higlands, where in order "fo get the best returns, the fandiords made the "cotteris lenve their smaly farms and scek new "cotteris lenve their small farms and scek new "onas in another country? If it has-and if the " 1 lmit of population has been renched, that can " by the system of furming in vogue in Quebeo "and intailo be welis sipported, it is quite clear "wilther tite surplus nopulation of hoth Provin"ces inust fiow. It will go northward only by de"grees, though when it does pass the Laurentian "ridges, and get estabilshed on the clay solls "north of them, it mny filt up another tier of "eountles yet. It will keep if not out the same "parallel of lntitude as near to it as passl"paralle of intinde as near to it as possi"It whll icep on the zone of similiar "vequtation. It may, for anght we know, "have ulveady hargely swented the population of " Mive niready hargely swelled the popiniation of "Minnesota, Wlseonsin and part of Michlgan. "Sume of it may have been seduced to Iliinols "nnd Iow", but the Canadlan seldom stays there "long. It wll", if facintles nre provided, rather "remilin under the old institutions, and we shall "find that when a rallway is constructed it will "seek the North Western Terrltorles-and pro-- hably get as far westward as it can on the As"slmibolne and the south Saskatchewan to escape " The extreme cold of the Red. River Country:"

Again these reflections and devices, to counteract or make up for a deficiency (which was not made an element of the anticipated figures, but which the actual enumeration was sure to meet), go to the whole length of supporting the accuracy of the Census.
Without dwelling on the aphorisms of Emigration propounded in the above quoted paragraph whico assumes that Emigre. tion " will not go southward, that it will " keep if not on the same parallel of lati" tude, as near to it as possible, that it " will rather remain under the old institu"tions." I cannot avoid expressing my firm belief in the facts that migratory currents will often times go southward, that they will go to some distance and even far a;way from any given parallel of latitude and to very difterent institutions.
Mr. Harvey concludes one part of his remarks by the folloring reflection:
"Without a steady influx from Europe or Asia, "are we like the old temple and mound builders "our predecessors on this continent, doomed to ' ultimate extinction?"
Evidently this is taking a more gloomy aspect of things than necessary. Even at the rate of an annual increase of one per cent, there is no threatening of annihila tion: it is about the rate of increme of

England and Wales, where the Immigration from lreland has been, far many years past, greater than the Emigration from England; so much so that there are now more Irishmen in London than in Dublin. There are other circumstances s alun of a consoling nature: the Emigration to the United States seems to have passed its elimax and a leaction is now taking place and will probably continue as long as the rate of wages finds its ordinary level and the emigrating mania is curing itself. The fecundity of our families, on the whole, is not impaired and the European Emigration, for the last three years, seems to take a more favorable view of the advantages offered by our country, in all its parts, for immigrants. Therefore, let us not be despendent, but let us at the same time avoid being deluded. We cannot be in a moment as big as some of oul over sanguine fellow subjects were expecting, but let us try to be naturally as big as we can safely be.

M1. Harvey, after having opposed suppositions to the Ceusus, says:
" If twe per cont. of the population of Qureber *has been omitied, and elght it hat of Now "Brunswtek and Ontario, the additional three "hundred thonsand, which it is thoughta eorreet "handred thonsand, wheht ithon "ould ntiot to ns, would make "oummeration "ould nthott "."

Let it not ne lost sight of that no earth. ly being cin have any knowledge of those supposed errors of the Census, which are purely drawn from imagination, for the simple reason that no philosopher can have any intuitive ider of such a thing, that no statist has any means of discovering it by induction, that no mathematician can put it to any possible test of calculation. The facts are, lst, that the Census is the legal, legitimate enquiry, performed under an approved and tried system by the constituted authority, with the help of 12 supervising officers, 206 directing and revising commissioners, and ne rily 3,000 enumerators, all educated beforehand for that purpose, all sworn at the beginning and the end of tieir work, and each one acting for the section of country best known to him, in which he is interested and for which bis affection is most intense ; 2nd, that the returns, in the whole, show an increase of about 1.00 annually: 3rd, that the Province of Quebec is the only one of the four enumerated whose increase is reported to have fallen below the average of 1.00 ; 4th, that the bulle of the po. pulation of that Province of Quebec is renowned for its extraordinary fecundity, which Mr. Harvey himself picturosquely acknowledges in the following words:"almost cvery house looks like a rabbit warren "for young.'

The logical, the matural conclusions would therefore be that the Census is as correct as any operation of the kind, under the circumstances of the country, can reasonally be expected to be, and that, if there had been errors of omission, the Province of Quebec is that in which they would most hikely have taken place.

The contrary conclusions, upon such record, seem to me very much like the senteace of a certain magistrate, who is said to have decided a case as follows:-" The "evidence is to me very unsatisfactory " indeed: as it is its weight would seem " to go in favor of Flanagan, but as the - said Flanagan has red hair, I feel that " the ends of justice will be better attained " in giving judgement in favor ot Jones "for half the sum, Flanagin paying the " costs."

I am glad before closing this paper to be able to agree in the views and opinions of Mr. Harvey on one point, at all events, namely the important subject of vital sta. tistics. Nothing ean be more correct than the statement that recording marriages, births and deaths cannot be done, even with approximate accuracy, in the taking of a Census. Jhis is essentially a matter of day to day registration. The Catholic population of the Province of Quebec is possessed of such registration, from the earliest time of the colonj, and a more complete, useful and interesting secord can hardly be imagined. Apart from its social utility, 1 would be inclined to say necessity, it constitutes an important and especially attractive statistical page, not only as regards Canada, but also as concerning the science itself, as being the only record in existence which goes back w:thout interruption and in all its details for two centuries and a half, giving the entire family history of a whole population from its very first origin.

The inmense statistical labor, as com. pared with the small force employed ai it, which has been quietly but incessantly carried on in the Department of Agriculture since 1864 , is now nearly completed. From the long list of the yearly registration of the movements of the Catholic population of the Province of Quebec, (to which are added the abstracts of all the Censuses evertaken in the four Provinces) we gather that the total number of Catholis marriages since the time of Champlain (1603) 1, the year 1870 inclusive, has been 373,146, that the total number of births has been $2,244,317$ and that the total number of deaths has been $1,060,760$. This shows a grand total of excess of births over the number of deaths amounting to 1,183,557, including both the French Can-
adian, the English speaking and other Catholics of the Province of Quebec.
If there had been no Emigmation from Quebee at any time, the Catholic population of that Province would have been at the end of 1870 (the Census year) 1,183 , . 557 , plus a number equal to the grand totel figure of the Catholic immigration from the beginning.

But thers was a comparatively considerable Catholic emigration fiom Quebec to Louisiana, Michigen, other parts in the west and elsewhere, during the time of the French domination and since the cession of Canada to England. 'lhat Catholic Emigration from Quebec went on, at an increasing rate, from year to year, since the years 1837 and 1838, till the very end of the decenniad 1860-70, at which time it seems to have entered in a period of some decrease.
By making use from the beginning of the births and deaths tables already mentioned, and of the figures representing, from time to time, the number of Catholic immigrants arrived in suebec. the de. fictindicated, from year to year, from the grand sasult of the excess of births over deaths, plus the immigration, would represent the actual number of emigrants who have left the country; to which the natural increase of the said Emigration abroad must be found and added to muke up the grand total lost from both sources. The numbers to be got by comparative calcula. tion, the errors incident io the rocording of all statistics and the small amount of increase or deficit arising from other causes would not materially alter the result, the possible maximum of error being insigniticant as compared with the large and exactly ascertained figures. I have just written so much to show what
an inside view of the movements of our people may be obtaned by these records, the study of which explains the large deficit which of late years has taken place in the increase of our Quebee population. This argues the accuracy of the Census, inas. much as the result of deficit, adu do the Census figures, reaches as sear as can be the former normal rate of increase. [ am not of course now at liberty to anti. pate the publication of the details.
If the results of the most carefully taken Census everattempted in Cunada, Irgically supported by the notorious facts of coin. eident events concerning the movements of our population, and sustained by the records of the past, cannot obtain credence at this moment, they will $\ln$ time to come.

The triumph of truth over delusion, popular infatuation and local preiudices, if retarded, cannot be for ever prevented.

As a last word, may ( be allowed to remark that it matters very litile whether returns of a Census are published a few months sooner or later, but the essential point is, on the contrary, that time should bertaken to have them carefifliy prepared and made as accurate as possible. Statis. tics are to last for ever, and, therefore, ought to be a work of patience and care not to be compromised by undue haste. Very fow men appreciate the amount of labor necessary to complete work of this kind; Mr. Harvey does ap. preciate it, in a friendly and gentlemanly manner and I thank him for that. It is a common complaint in Europe that the harrassment, to which othicial statists are subjected from the craving for news, is one of the most fatal causes that retards the progress of the science and endangers the results of statistical labours.
J. C. TACHE.


