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A PROGRAM FOR RESEARCH ON

SOCIAL AND ECONOMIC DIMENSIONS OF AN AGING POPULATION

**POPULATION AGING IN CANADA: SOFTWARE FOR
EXPLORING THE IMPLICATIONS FOR THE LABOUR
FORCE AND THE PRODUCTIVE CAPACITY OF THE
ECONOMY**

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SEDAP Research Paper No. 146

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Abstract:

This report has two purposes: (1) to introduce a new version of the MEDS (Models of the Economic Demographic System) software; and (2) to apply it in a series of illustrative projections. The software is designed to illustrate the medium- to longer-term responses of the Canadian population and economy to a wide range of factors on either the demographic side, such as changes in rates of fertility, migration, and mortality, or the economic side, such as changes in the rate of technical progress or the educational attainment of young people or of new immigrants. "Standard" projections are provided, together with nineteen alternative projections. (For some illustrative projections, see <http://socserv.mcmaster.ca/qsep>.) The range of projections indicates the breadth of applications for which MEDS has been designed. It serves also to provide some quantitative measures of the likely demographic and economic consequences of population aging, and indicates the scope for evaluating policy initiatives by means of simulation.

Keywords: population, labour force, economy, projection system

JEL: J11, E17, C88

Résumé:

Ce rapport à deux objectifs: (1) présenter une nouvelle version du logiciel MEDS (Models of the Economic Demographic System); et (2) illustrer son utilisation par une série de projections à titre d'exemple. Le logiciel est conçu pour mettre en évidence les réactions à moyen et à long terme de la population et de l'économie canadiennes aux variations d'un large éventail de facteurs démographiques, tel la variation du taux de fertilité, des flux migratoires et de la mortalité ; ou économiques, tel les chocs technologiques ou la variation du rendement scolaire des jeunes et des nouveaux arrivants. Des projections standard sont offertes ainsi que 19 projections alternatives. (Pour des exemples illustratifs de projections, visiter le site <http://socserv.mcmaster.ca/qsep>.) La multiplicité des projections possibles reflète l'étendue des applications pour lesquelles MEDS a été conçu. Ce dernier est également utile pour produire une estimation quantitative des effets démographiques et économiques probables du vieillissement de la population, et examiner la capacité d'évaluer les initiatives de politiques publiques par des méthodes de simulation.

**POPULATION AGING IN CANADA:
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AND THE PRODUCTIVE CAPACITY OF THE ECONOMY¹**

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INTRODUCTION

This report has two purposes: (1) to introduce a new version of the MEDS (Models of the Economic Demographic System) software; and (2) to apply it in a series of illustrative projections. The software is designed to illustrate the medium- to longer-term responses of the Canadian population and economy to a wide range of factors that emanate either from the demographic side, such as changes in rates of fertility, migration, and mortality, or from the economic side, such as changes in the rate of technical progress or the educational attainment of young people or of new immigrants.

A sketch of the new system is provided in the next section, where the demographic and economic subsystems are described briefly and innovations in this new version of MEDS are discussed. Following that is a somewhat more detailed (but still brief) description of the economic subsystem (with equations presented in Appendix A). Illustrative applications of the complete system are then considered. “Standard” projections are discussed first (with full results in Appendix

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B), followed by nineteen alternative projections (with results in Appendix C). The range of projections serves to indicate the breadth of applications for which MEDS has been designed. It serves also to give us some quantitative measure of the likely demographic and economic consequences of population aging, and indicates the scope for exploring, by means of simulation experiments, policy initiatives that might help to offset any concerns that might arise.

OVERVIEW OF MEDS

Versions of MEDS have been available continuously since the early 1980s, when support for the development of a user-friendly system for general use was made available by the federal government's Review of Demography and its Implications for Economic and Social Policy. MEDS adapted theoretical work relating to the modelling of economic-demographic systems (e.g., Denton and Spencer, 1973) to the Canadian context and provided PC-based software that could be used to simulate, project, or forecast the future course of population change and its macroeconomic consequences. The models have been maintained, developed in many ways, updated to reflect current data, and used in a wide variety of applications (e.g., Denton, Feaver, and Spencer, 1986, 1987, 1994, 1998a, 1998b, 1999, 2002; Denton, Li and Spencer, 1987; Denton and Spencer, 1987, 1995, 1997, 1998a, 1998b). All versions have had as their common focus the projection of the medium- to longer-term consequences, both demographic and economic, of population change in Canada. With this version the projection period ends in 2051; the initial conditions reflect Statistics Canada estimates that were available as of June 30, 2005.

Population change that affects the size and age composition of the labour force has an obvious and direct impact on the productive capacity of the economy: other things equal, more can

be produced with a larger labour force or, given its size, more can be produced if the labour force is concentrated in the most productive age groups. That leads to an important observation: all versions of MEDS have in common that they model how population change affects the economy, and ignore possible ways in which economic change may affect the population. Various economy-to-population feedback mechanisms have been explored by us (e.g., Denton and Spencer, 1983, 1984, 1988, 1989) and others (e.g., Easterlin, 1961, 1978; Becker, 1960, 1992), but they are much more speculative in nature and have not been incorporated in standard versions of MEDS. (However, we note that even though they are not modelled as part of the system, the implications of many possible feedback effects of interest could be approximated with MEDS. As one example, the effects of a postulated link between higher rates of fertility and lower rates of female labour force participation could be explored by changing both.)

The population in MEDS is modelled in the demographic subsystem, MEDS-D, by single years of age, separately for males and females. It is moved ahead one year at a time with allowance for flows of immigrants and emigrants and through the application of age-specific rates of fertility and age-sex-specific rates of mortality. The labour force is derived, in five-year age groups, from the population; employment and unemployment, in turn, are derived from the labour force. The employed portion of the labour force, weighted to allow for age-sex and educational differences in productive characteristics, feeds into the economic subsystem, MEDS-E. In MEDS-E the productivity-weighted labour input enters the aggregate production function where, in combination with the available capital stock, the overall productive capacity of the economy is determined. Potential output, in turn, is allocated among the major national accounts expenditure categories (consumption, investment, government expenditure, etc.). Investment is added to the capital stock

(after allowance for depreciation), thereby affecting future productive capacity.

This version of MEDS differs mainly in the greater age detail in the treatment of the labour force, employment, and unemployment and in the much more elaborate treatment that has been given to the educational attainment of the population, and how the employed portion of the labour force enters into the aggregate production process. More specifically, the labour force is now treated in five-year age groups, from 15-19 through to 65-69, with an open-ended age group 70 and older. Seven levels of educational attainment (ranging from elementary or less through to postgraduate university degree) are modelled for the population in age groups 15-19 and older. For the current population in the age groups 35-39 and older educational attainment is assumed to be complete, and is adjusted in MEDS projections such that the educational distribution remains with each cohort as it ages. MEDS users can control the future course of the educational distribution for younger cohorts. The default assumption is that the distribution continues to adjust in accordance with recent trends; users can control how long those trends continue, and also how strong they are in the projection period. Changes in the educational distribution of younger age groups then remain with the cohorts as they age.

The distribution of the educational attainment of new immigrants differs from that of the rest of the population, in that new immigrants have higher levels of education on average. That is recognized in the projections, and can be modified by users of MEDS. Whatever assumptions are made in the projections about the educational distribution of immigrants affects the educational distribution of the population as a whole.

Rates of labour force participation and employment, and the distribution as between full-time and part-time work, hours per week, and weeks per year are all age, sex, and education specific. The

employed labour force enters the aggregate production function, with appropriate productivity weights associated with each age-sex-education group.

The MEDS system is very large, consisting of several thousands of equations in total. A ‘standard’ projection, based on default values for all parameters, is provided. So are two alternative projections, one described as ‘slow growth’ and the other as ‘rapid growth’. Beyond that, users are able to modify parameters of particular interest in order to explore the consequences. A variety of such cases are illustrated below. But first we turn to a more detailed description of the economic subsystem, MEDS-E.

THE ECONOMIC PROJECTION MODEL

What follows is a discussion of the structure of the MEDS-E subsystem. A listing of the equations and of the associated definitions of variables is included in Appendix A. We organize our discussion under the headings of the sections in the equation listing.

Aggregate Production and Factor Products

Total output (income) of the economy is generated by a production function, with inputs of labour and capital, and provision for technical progress (or technological change). A user may choose one of four alternative production functions: Cobb-Douglas, Constant Elasticity of Substitution (CES), Generalized Leontief, or Translog. (The standard assumption is Cobb-Douglas, but parameter values -- which may be altered by a user -- are provided for all four.) The rate of neutral technical progress can be varied over the projection period, or held constant. Constant returns to scale is the standard assumption, but that can be replaced by increasing or decreasing returns. Marginal factor products are calculated separately for each age-sex-education category of

employment.

Capital Stock Excluding Consumer Durables

Three types of producer capital stock are calculated -- residential construction, nonresidential construction, and machinery and equipment. The three are then aggregated to obtain the total producer capital stock, for entry into the chosen production function. The stocks are calculated from real investment by the perpetual inventory method: they are updated each year, as the economy moves through time, by applying depreciation rates and adding in new annual investment. The age distributions (or “vintages,” to use a term familiar in economic growth theory) are determined for each type of stock, that being made possible by the use of the perpetual inventory method. (The depreciation rates vary with the type of stock; they can be modified by a user, if that is desired.)

Fixed Investment

Real (fixed, as opposed to inventory) investment of each type is generated each year by applying share parameters to the aggregate saving generated by the economy. (See below for the calculation of aggregate saving.) Total investment is the sum of the three types.

Labour Supply and the Services of Labour

Labour input is calculated in this section, for incorporation into the production function. Account is taken of the changing educational composition of the population, of the numbers of part-time and full-time workers and their hours of work, and of the accumulated labour force experience of different age-sex cohorts. The numbers employed in each age-sex group are weighted to reflect differences in productivity across the education, part-time/full-time, and experience categories in arriving at total (effective) labour input.

As noted above, major changes have been made in this component of MEDS to incorporate

a much more detailed treatment of the educational composition of the labour force, with allowance for the possibly differing educational composition of new immigrants, and the impact on productive capacity.

Income Associated with Labour

Wages (earnings) are based on marginal products, although they are not necessarily equal to marginal products: parameters are included to allow for differences because of discrimination, or for other reasons. The wage calculations are carried out separately for each age-sex-education category. Aggregate labour income is calculated as the difference between total gross domestic product and the share accruing to capital (before depreciation). An adjustment is then made to assure that the wages for individual groups are consistent with the labour income aggregate. Net wages are calculated by adjusting wages for taxes and transfer payments. (Note: it is convenient to speak of “wages” as the returns to labour; however the calculations include self-employment earnings and supplementary labour income, as well as wages in the narrower sense.)

Ownership of Capital and Income from Capital

Total wealth in the form of capital is defined as the sum of the producer capital stock (as discussed above) and the stock of consumer durables (see below). The total wealth so calculated is then distributed among population age cohorts, based on ownership share parameters derived from simulations using a lifecycle model that we have published elsewhere. Rates of return on producer capital, before and after depreciation, are calculated in this section also, followed by the calculation of the after-tax wealth income accruing to each age cohort.

Total Income

The calculations in the previous two sections allow the calculation in this one of the total

after-tax income of each age cohort.

Consumer Durables: Stock and the Flow of Services

The stock of consumer durables is generated here, using again the perpetual inventory method. As with producer durables, that method allows the age distribution of the stock in each year to be kept track of. Investment in consumer durables is determined by a parameter that allocates a share of aggregate saving to the generation of durable goods. The consumption of the durable goods is calculated as equal to the annual depreciation on the stocks. The conventional national accounts do not take account of the consumption of durable goods, as such, but only expenditures on durable goods, which are essentially investments rather than consumption. We have made it a practice, though, in designing MEDS to include an explicit calculation of durable-goods consumption. Aggregate consumption can thus be calculated either in the conventional way, or in the stricter (and theoretically preferable) way, by including durable consumption rather than durable expenditure.

Aggregate Consumption and Consumer Expenditure

Aggregate consumption is calculated here according to the strict definition given above (i.e., including durable consumption, rather than expenditure). Two options are provided: consumption can be generated by applying a share parameter to the gross domestic product remaining after government (all levels combined) has removed the amount required for its current real expenditures on goods and services, or by applying a different parameter to total net (after-tax) income. (The standard parameter values are based on observed historical averages; those averages tend to be quite stable, in the longer-term, but the parameters -- like the other parameters of the model -- can be modified by a user to reflect anticipated changes, or to see how sensitive the projection results are to alternative values.) Consumer expenditure based on the conventional definition is calculated also

in this section by adjusting aggregate consumption so as to replace the consumption of durables by durable expenditure (i.e., investment in durable goods).

Aggregate Saving

Aggregate saving in the economy is identically equal (by national accounting rules) to the gross domestic product, minus consumption (the strict definition), government current expenditure on goods and services, the trade balance (exports minus imports), and the national accounts statistical discrepancy, plus consumption of durable consumer goods. Saving for purposes of fixed producer investment is equal to aggregate saving, minus inventory change, and minus the portion of government current expenditure financed by borrowing (rather than tax revenues).

Government Expenditure

Government current expenditure on goods and services is modeled (for the long run) as a fraction of the gross domestic product. (The fraction can be altered at a user's discretion.)

Aggregate Tax Rate, Net of Transfers

The overall tax rate, as defined for purposes of MEDS-E, is the ratio of the tax-financed portion of government expenditure on goods and services to the gross domestic product.

Aggregate Inventory Change

A parameter is provided, representing the (long-run) ratio of inventory change to gross domestic product. Historically, the inventory change/GDP ratio has been relatively stable, in the long run, although there have been substantial fluctuations from year to year, the result in large part of fluctuations in farm inventories, and especially grain inventories.

Aggregate Trade Balance

The net trade balance (exports minus imports) varies from year to year. In the long run,

though, it must show some stability. It is modeled as a ratio to gross domestic product.

Statistical Discrepancy

The statistical discrepancy represents the difference between gross domestic product calculated from the income side of the accounts, and GDP calculated from the expenditure side. It is erratic, but small, and is treated as a ratio to GDP.

Human Capital

The human capital embodied in an individual age-sex population cohort in each year of the projection period is calculated as the present value of the future earnings stream of the cohort, under the assumption that the age structure of employment patterns, mortality rates, and marginal product levels in the given year will hold for future years. The present values can be calculated using a fixed annual discount rate (of the user's choosing), or a variable rate equal to the current rate of return on physical capital (the "real interest rate," roughly speaking). Total human capital is then obtained by summing over cohorts.

A STANDARD PROJECTION

In this section we report on what we term a 'standard' projection. It is based on standard or default assumptions for all parameters in the system. The major assumptions are as follows:

- | | |
|------------------|---|
| Fertility: | The total fertility rate remains at 1.501 births per woman. |
| Immigration: | Immigration remains at 230,000 per year, starting in 2005-06. |
| Life Expectancy: | Age-specific mortality rates continue to change in keeping with recent trends, such that the gain in life expectancy between 2001 and 2051 for males is 5.9 years and, for females, is 4.2 years. |

Emigration: Emigration remains at 0.16 percent of last year's population.

Labour Force Participation Rates:

The age-sex-education-specific rates continue to change until 2016 in keeping with recent trends.

Intensity of Work: The age-sex-education-specific rates of full-time/part-time work, hours worked per week, and weeks worked per year remain at recent levels.

Education: The educational composition of the population continues to change so as to reflect the aging of successive cohorts and recent trends in attainment; the educational composition of new immigrants relative to that of the beginning-of-period population is held constant.

Productivity: The annual rate of neutral technical change is 0.50 percent per year, starting in 2005.

Summary results based on this standard set of assumptions are provided in three sets of tables in Appendix B. The first set consists of four tables, labelled MEDS-D Table 1 through MEDS-D Table 4; they summarize demographic aspects of the projection. The next set consists also of four tables, MEDS-E, Tables 1 through 4; they summarize economic aspects. The final table is drawn from MEDS-E. It shows the educational distribution of the population aged 15 and older and also of the population in the age group 20-24. (The projected educational distribution of all other age groups is available as well; what is shown here is illustrative.) All results are displayed here at five-year intervals from 2001 to 2051 although, as noted, they are available for each year. (The first year for which results may be displayed is 1991, the last is 2051.)

Our major purpose here is to present results to illustrate the use of MEDS. A few words of

interpretation are in order. From Table 1 of MEDS-D we can see clearly the projected decline in the rate of growth of the population and, starting in the second half of this decade, also of the labour force. In consequence the population continues to grow and also to age. The results show an increase in the population between 2001 and 2051 of about 26 percent and in the labour force of about 16 percent. There is also a substantial decrease in the young (under 15) proportion of the population (from 18.9 to 13.5 percent) and increase in the old (65 and older, from 12.6 to 26.9 percent). From Table 2 we see also an increase in two measures of overall dependency – the ratio of the total population to the population aged 20-64 and to the labour force. It is noteworthy that the projected increase in the labour-force-based measure over the 35 years from 2001 to 2036 (about 6 percent) is somewhat less in the population-based measure (about 10 percent), but that both measures are projected to be *far lower* once the baby boom is in ‘old age’ than they were in 1966, when the baby boom was still young.

The projected impacts on the macroeconomy are shown in summary form in MEDS-E, Tables 1 through 4 in Appendix B. GDP more than doubles between 2001 and 2051, and similar increases occur in the expenditure components of consumption, fixed investment, and current government expenditure. Since the growth in GDP far exceeds that in the population, there is substantial growth in GDP per capita; it is projected to grow by about 95 percent. The economy is projected to become more capital intensive, with the capital/output ratio increasing about 65 percent.

ALTERNATIVE PROJECTIONS

A wide range of alternative projections, nineteen in total, is provided. Each one differs from the ‘standard’ by a change in one or more of the underlying assumptions. We consider the

projections in three groups. The first involves differences in demographic assumptions, the second differences in economic assumptions, and the third differences in both. In brief, the nineteen projections differ from the standard case in the following ways.

Projections Involving Changes from 'Standard' Demographic Assumptions

1. Higher Fertility Fertility increases gradually to 2.1 births per woman in 2012, up from 1.5 in 2002, and remains at 2.1
2. Lower Fertility Fertility decreases gradually to 1.2 births per woman in 2012, and remains at 1.2
3. Higher Immigration Immigration increases to 280,000 per year in 2005-06, and remains at that level
4. Lower Immigration Immigration decreases to 180,000 per year in 2005-06, and remains at that level
5. Higher Life Expectancy Mortality rates decline relatively rapidly, such that life expectancy at birth increases between 2001 and 2051 by 7.4 for males and 5.9 for females
6. Lower Life Expectancy Mortality rates decline relatively slowly, such that life expectancy at birth increases between 2001 and 2051 by 4.2 for males and 2.4 for females
7. Rapid Population Growth Combines higher fertility, higher immigration, and higher life expectancy
8. Slow Population Growth Combines lower fertility, lower immigration, and lower life expectancy

Projections Involving Changes from 'Standard' Economic Assumptions

9. Higher Participation For males in the age groups 20-24 to 60-64, participation rates rise from current levels to 1976 levels by 2016; for females in those age groups the rates increase from standard assumptions such that the male-female gap is maintained; standard assumptions apply to the rates for younger and older age groups
10. No Mandatory Retirement Male and female labour force participation rates for the age groups 65-69 and 70+ increase by 10 percent
11. Higher Part-time Work The proportion in each age-sex group working part-time increases by 20 percent
12. Lower Part-time Work The proportion in each age-sex group working part-time decreases by 20 percent
13. Education of Immigrants The educational composition of new immigrants is assumed to be the same as that of the population at large (in the standard case immigrants are much more concentrated in the higher educational groups)
14. Higher Education Changes in the composition of educational attainment for the age groups 15-19 through 30-34 gradually increase more rapidly such that, as compared to the standard case, the rate of change is twice as great by 2016
15. Higher Productivity The rate of neutral technical progress increases to 1.00 percent per year in 2005-06, and remains at that level.

16. Rapid Economic Growth Combines higher productivity, higher labour force participation, lower part-time work, and higher education
17. Slow Economic Growth Combines lower productivity (technical progress is at an assumed rate of 0.25 percent per year, starting in 2005-06), standard labour force participation, lower part-time work, and standard education

Projections Involving Changes from 'Standard' Demographic and Economic Assumptions

18. Rapid Growth Combines rapid population growth and rapid economic growth
19. Slow Growth Combines slow population growth and slow economic growth

RESULTS BASED ON THE ALTERNATIVE PROJECTIONS

The results of the nineteen projections are provided in Appendix C. The presentation of results for each of the alternative projections is the same as for the standard case – that is, values are shown at five-year intervals, starting with 2001 and running to 2051; four tables summarize the main demographic features, four summarize the main economic features, and one table that shows the educational composition of the population.

To facilitate comparisons across all projections, Table 1 reports, for selected variables, observed values for 2001 and projected values for 2021. All values are shown in index form, and set to 100.0 in 2001. Table 2 has the same information content as Table 1, but shows for 2021 the percentage differences from the standard projection. Tables 3 and 4 are similar, but show values for 2051 rather than 2021. The variables chosen in these tables are: population size (POP); labour force size (LF); two labour-force-based measures of dependency – the *overall dependency ratio* represented by the population relative to labour force (POP/LF), and *'older' dependency ratio*

represented by the population 65 and older relative to labour force (POP65+/LF); gross domestic product (GDP); GDP per capita (GDP/POP); and GDP per employed person (GDP/ETOT).

Projections to 2021

Consider first the standard projection, based on the 'standard' set of assumptions. By 2021 the population increases by about 17 percent and the labour force by 18 percent, as compared to twenty years earlier. In consequence the overall dependency ratio changes little. At the same time the older dependency ratio increases by half, reflecting the substantial aging of the population that will take place over this period as the baby boom ages. (By 2021 the first half of the baby boom generation will have passed the age 65 marker.) Over the same period GDP is projected to increase by almost 70 percent while GDP per capita and per employed person both increase by more than 40 percent.

What happens if the assumptions underlying the population projection are changed? If the total fertility rate were to increase to 2.1 births per woman, roughly the replacement rate, the population would be 5.3 percent larger. However, there would be very little impact on the labour force, since only a few of the additional births would have reached labour force age by 2021; for the same reason there is little impact on the older dependency ratio, on GDP, or GDP per employed person. However, because of the growth in the younger population the total dependency ratio *rises* by 5 percent and GDP per capita *falls* by 5 percent. With lower fertility there are fewer births: the total fertility rate is assumed to fall from 1.5 births per woman to 1.2. In this case, too, there is very little impact on the size of the labour force by 2021 and, in consequence, on productive capacity, output per employed person, or the older dependency ratio. However, the population is smaller by 2.6 percent and that is reflected in the total dependency ratio, which is 2.5 percent lower, and GDP per capita, which is 2.7 percent higher.

The situation is quite different if the source of population change comes from immigration rather than fertility, since there is an immediate impact on the labour force as well as the population. Increasing immigration by 50,000 per year results in a population that is 2.4 percent larger while reducing it by the same amount results in a population that is 2.4 percent smaller. The impact on the labour force is somewhat greater since immigrants are more concentrated than the population at large in the working ages. Higher immigration tends to reduce output per capita and per employee, and lower immigration to increase them. However, the differences are very small.

Higher rates of decline in mortality, as reflected in increased life expectancy, result in a larger population and also a larger labour force, which reminds us that some of the gains in mortality occur at younger ages. However, the differences are small, with correspondingly small impacts on productive capacity or other measures.

The final two alternative demographic projections vary all demographic assumptions at the same time so as to produce either 'rapid population growth' (a combination of higher fertility, higher immigration, and higher life expectancy) or 'slow population growth' (lower fertility, lower immigration, and lower life expectancy). The combined effects are relatively large, as one would expect. Rapid population growth results in a larger population, a larger labour force, more GDP, and a reduction in the older dependency ratio. But it also results in a higher total dependency ratio and less output per capita. Conversely, with slow population growth the population, labour force, and GDP are smaller and the overall dependency ratio is reduced, while GDP per capita and the older dependency ratio increase.

What happens when the economic assumptions are altered? None has any impact of the size of the population, of course, and only those assumptions that relate to labour force participation rates

(higher participation, no mandatory retirement) affect the size of the labour force. Higher participation has a notable positive impact on the size of the labour force and, in consequence, on GDP and GDP per capita: the labour force increases by 4.3 percent and GDP and GDP per capita by 5.8 percent. Higher participation results also in lower dependency ratios. By comparison, increasing by 10 percent the participation rates of only those 65-69 and 70 and older, an approximation to the effects of eliminating mandatory retirement in all provinces, has a much smaller effect on the size of the labour force, with consequent smaller impacts on measures of output and dependency.

Increasing the portion of labour force participation that occurs on a part-time basis has no impact on the overall size of the labour force or on the measures of dependency, but it does reduce output by 1.7 percent. Lower part-time (and hence more full-time) work has the opposite effect, of increasing output measures.

What about education? The projection labelled ‘immigrant education same as rest’ provides a measure of the potential economic benefit of continuing the practice of having new immigrants with relatively high levels of education. It suggests that, if new immigrants had the same educational distribution as the rest of the population, GDP would be 1.6 percent lower in 2021. Somewhat more rapid improvements in the education of the domestic population yields an increase in projected GDP that is about 2 percent higher than with standard assumptions. That is much smaller than the gain associated with markedly higher participation rates, but it is still notable.

However, the biggest economic gain by far is associated with ‘higher productivity’: with neutral technical progress of 1.0 instead of 0.5 percent per year, GDP in 2021 is 9.9 percent higher than with standard assumptions.

The last two projections in this set relate to ‘rapid economic growth’ (which combines higher participation, lower part-time work, higher education, and higher productivity) and ‘slow economic growth’ (standard participation, higher part-time work, lower productivity). With ‘rapid economic growth’ rather than standard assumptions, GDP is 21 percent higher by 2021; with ‘slow economic growth’ it is 6 percent lower.

The final two projections vary both demographic and economic assumptions. The first, ‘rapid growth’, combines all the assumptions underlying both rapid population growth and rapid economic growth. The second, ‘slow growth’, combines all the assumptions underlying slow population growth and slow economic growth. With rapid growth GDP is 23 percent higher by 2021, and GDP per capita 14 percent higher, than in the standard case. With slow growth they are 8 and 3 percent lower. As is evident from the earlier discussion, the differences in economic assumptions dominate the differences in demographic assumptions, in terms of the magnitude of the impact on both output and output per capita.

Projections to 2051

By 2051, with standard assumptions, growth in the population has effectively ceased; it is then about one-quarter larger than it was in 2001, and only 7 percent larger than in 2021. The labour force, on the other hand, is only about one-sixth larger than it was in 2001 (and smaller than it was in 2021). That implies substantial change in the age distribution of both the population and the labour force. Most notably, the older dependency ratio more than doubles by 2051, reflecting by then mostly the effects of sustained low fertility since relatively few of those born during the baby boom are still alive. (The older dependency ratio is 130 percent higher, with standard assumptions.)

However, there is an offsetting decline in the younger population, such that the total dependency ratio increases by only 8.4 percent from 2001. Even so, as a result mostly of assumed on-going technical progress, both GDP and GDP per capita are higher in 2051 than in 2021 (about 45 and 35 percent, respectively).

The impacts of the alternative projections are in the direction that one would expect, based on the earlier discussion. For example, with higher fertility or higher immigration the population and labour force are both larger, as is GDP. However, while GDP per capita is notably lower with higher fertility than with standard assumptions (8 percent), it is higher with higher immigration (although only 0.1 percent). The older dependency ratio is reduced in both cases, but the effect is much stronger with higher fertility (14 percent) than with higher immigration (4 percent). At the same time, the overall dependency ratio is little affected in either case, by 2051, as compared to the standard projection. That demonstrates that higher fertility or higher immigration, sustained over a period of several decades, as is assumed here, has approximately the same impact on the size of the labour force as on the size of the population. With lower fertility or lower immigration the effects are in the opposite direction. Changes in life expectancy have much smaller impacts on population size or GDP, but the relatively large impact on the size of the older population, and hence on the older dependency ratio, is worth observing.

If the forces leading to faster population growth – higher values of each of fertility, immigration, and life expectancy – are combined, as in the case of ‘rapid population growth’, the population is about 29 percent larger and the labour force 26 percent. While that results in higher GDP, GDP per capita is almost 9 percent lower. Slow population growth produces results in the opposite direction.

Consider now the alternative economic assumptions. Greater output could result from greater

work effort, either through higher rates of labour force participation or less part-time work, higher levels of education, or more rapid technical progress. With higher participation both the size of the labour force and GDP increase, and dependency decreases. The increase in both GDP and GDP per capita is 7.4 percent. Eliminating mandatory retirement also reduces dependency and increases GDP, but the quantitative effects are very small, by comparison. Less part-time (and hence more full-time) work has somewhat larger effects. Education is relatively more important. If new immigrants had only the same education levels as the domestic population, the projection suggests that GDP would be about 3.2 percent lower. By contrast, a transition towards higher education for all would have a notably larger effect: GDP and GDP per capita would increase by 7 percent. However, all those potential gains pale by comparison with the consequences of higher productivity growth: if neutral technical progress were to increase by 1.0 percent per year, double the assumed standard of 0.5 percent, GDP would be one-third higher. Combining all the assumptions leading to faster growth (higher participation, less part-time work, and higher productivity growth) would result in output levels more than 50 percent higher than in the standard case.

Finally, combining the rapid population growth and rapid economic growth assumptions would result in a population and labour force that were both about 30 percent larger than in the standard case, and output that was larger by 83 percent.

CONCLUDING REMARKS

MEDS (Models of the Economic Demographic System) software has been available now for about two decades, and has been used extensively for the projection and analysis of the medium- to longer-term demographic and economic consequences of population change. The new version of

MEDS that has been developed and reported on here extends earlier versions in a number of ways. The major advance relates to the role of education: educational attainment is now reflected in education-specific rates of labour force participation and that in turn affects the productive capacity of the economy. The educational composition of new immigrants receives separate attention. That is important, since new immigrants, on average, have higher levels of educational attainment than the rest of the population. That is now recognized explicitly in MEDS, which can be used to assess the economic effect of such differences as successive cohorts of new immigrants have a continuing impact on the educational composition of the population as a whole, and hence on the labour force and the productive capacity of the economy. The projections presented here serve illustrate how MEDS can be used to analyse the consequences not only of assumed changes in educational composition but also of a wide range of alternative assumptions relating to the future course of fertility, immigration, life expectancy, and intensity of labour force involvement.

Table 1: Projected Values of Key Variables Under Alternative Demographic and Economic Assumptions, Canada, 2021

	POP	LF	<u>POP</u> LF	<u>POP65+</u> LF	GDP	<u>GDP</u> POP	<u>GDP</u> ETOT
-- Index values, 2001 = 100.0 --							
2001 Values	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2021 Values, Projected							
Standard Projection	117.2	118.4	99.0	149.2	169.3	144.4	143.0
<i>Alternative Demographic Assumptions</i>							
Higher Fertility	123.4	118.7	103.9	148.5	169.3	137.2	142.6
Lower Fertility	114.1	118.3	96.5	149.3	169.3	148.4	143.1
Higher Immigration	120.1	121.7	98.6	145.6	173.2	144.3	142.3
Lower Immigration	114.4	115.2	99.3	152.1	165.3	144.5	143.5
Higher Life Expectancy	117.4	118.5	99.1	149.4	169.4	144.3	142.9
Lower Life Expectancy	117.0	118.4	98.9	148.3	169.2	144.6	143.0
Rapid Population Growth	126.5	122.1	103.7	145.6	173.3	137.0	142.0
Slow Population Growth	111.2	115.0	96.7	151.9	165.3	148.7	143.8
<i>Alternative Economic Assumptions</i>							
Higher Participation	117.2	123.6	94.9	143.0	179.2	152.8	145.0
No Mandatory Retirement	117.2	118.6	98.8	149.0	169.7	144.8	142.9
Higher Part-time Work	117.2	118.4	99.0	149.2	166.5	142.0	140.5
Lower Part-time Work	117.2	118.4	99.0	149.2	172.1	146.8	145.3
Immigrant Education Same as Rest	117.2	118.4	99.0	149.2	166.6	142.2	140.7
Higher Education of Population	117.2	118.4	99.0	149.2	172.6	147.2	145.7
Higher Productivity	117.2	118.4	99.0	149.2	186.1	158.8	157.1
Rapid Economic Growth	117.2	123.6	94.9	143.0	204.2	174.2	165.2
Slow Economic Growth	117.2	118.4	99.0	149.2	158.8	135.5	134.1
<i>Alternative Demographic and Economic Assumptions</i>							
Rapid Growth	126.5	127.3	99.4	139.6	209.0	165.2	164.2
Slow Growth	111.2	115.0	96.7	151.9	155.0	139.5	134.9

Table 2: Projected Values of Key Variables Under Alternative Demographic and Economic Assumptions, Canada, 2021: Percent Differences from Standard

	POP	LF	POP LF	POP65+ LF	GDP	GDP POP	GDP ETOT
-- Index values, 2001 = 100.0 --							
2001 Values	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2021 Values, Projected							
Standard Projection	117.2	118.4	99.0	149.2	169.3	144.4	143.0
-- Percent difference from 2021 standard values --							
<i>Alternative Demographic Assumptions</i>							
Higher Fertility	5.3	0.2	5.0	-0.5	0.0	-5.0	-0.2
Lower Fertility	-2.6	-0.1	-2.5	0.0	0.0	2.7	0.1
Higher Immigration	2.4	2.8	-0.3	-2.4	2.3	-0.1	-0.4
Lower Immigration	-2.4	-2.8	0.3	1.9	-2.4	0.1	0.4
Higher Life Expectancy	0.2	0.1	0.1	0.1	0.0	-0.1	0.0
Lower Life Expectancy	-0.2	-0.1	-0.1	-0.6	-0.1	0.1	0.0
Rapid Population Growth	7.9	3.1	4.7	-2.4	2.4	-5.2	-0.7
Slow Population Growth	-5.2	-2.9	-2.3	1.8	-2.4	2.9	0.6
<i>Alternative Economic Assumptions</i>							
Higher Participation	0.0	4.3	-4.1	-4.1	5.8	5.8	1.4
No Mandatory Retirement	0.0	0.1	-0.1	-0.1	0.2	0.2	-0.1
Higher Part-time Work	0.0	0.0	0.0	0.0	-1.7	-1.7	-1.7
Lower Part-time Work	0.0	0.0	0.0	0.0	1.6	1.6	1.6
Immigrant Education Same as Rest	0.0	0.0	0.0	0.0	-1.6	-1.6	-1.6
Higher Education of Population	0.0	0.0	0.0	0.0	1.9	1.9	1.9
Higher Productivity	0.0	0.0	0.0	0.0	9.9	9.9	9.9
Rapid Economic Growth	0.0	4.3	-4.1	-4.1	20.6	20.6	15.6
Slow Economic Growth	0.0	0.0	0.0	0.0	-6.2	-6.2	-6.2
<i>Alternative Demographic and Economic Assumptions</i>							
Rapid Growth	7.9	7.5	0.4	-6.4	23.4	14.3	14.8
Slow Growth	-5.2	-2.9	-2.3	1.8	-8.4	-3.4	-5.7

Table 3: Projected Values of Key Variables Under Alternative Demographic and Economic Assumptions, Canada, 2051

	POP	LF	<u>POP</u> LF	<u>POP65+</u> LF	GDP	<u>GDP</u> POP	<u>GDP</u> ETOT
-- Index values, 2001 = 100.0 --							
2001 Values	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2051 Values, Projected							
Standard Projection	125.8	116.0	108.4	231.5	244.9	194.7	211.1
<i>Alternative Demographic Assumptions</i>							
Higher Fertility	150.4	135.5	111.0	198.3	269.5	179.2	199.0
Lower Fertility	114.7	106.4	107.8	253.2	232.4	202.5	218.3
Higher Immigration	134.7	125.4	107.4	222.5	262.6	195.0	209.4
Lower Immigration	116.9	106.7	109.6	241.8	227.2	194.4	213.0
Higher Life Expectancy	127.7	116.4	109.7	241.9	245.6	192.4	211.0
Lower Life Expectancy	123.7	115.5	107.1	220.2	244.1	197.2	211.3
Rapid Population Growth	162.3	145.9	111.3	200.4	288.6	177.8	197.8
Slow Population Growth	104.4	96.9	107.7	252.9	214.1	205.2	220.9
<i>Alternative Economic Assumptions</i>							
Higher Participation	125.8	121.0	104.0	221.9	263.1	209.1	217.4
No Mandatory Retirement	125.8	116.5	108.0	230.5	246.0	195.5	211.1
Higher Part-time Work	125.8	116.0	108.4	231.5	240.1	190.8	206.9
Lower Part-time Work	125.8	116.0	108.4	231.5	249.6	198.4	215.1
Immigrant Education Same as Rest	125.8	116.0	108.4	231.5	237.0	188.4	204.3
Higher Education of Population	125.8	116.0	108.4	231.5	261.0	207.5	224.9
Higher Productivity	125.8	116.0	108.4	231.5	325.4	258.7	280.5
Rapid Economic Growth	125.8	121.0	104.0	221.9	380.8	302.7	314.7
Slow Economic Growth	125.8	116.0	108.4	231.5	208.4	165.6	179.6
<i>Alternative Demographic and Economic Assumptions</i>							
Rapid Growth	162.3	151.9	106.8	192.5	447.7	275.9	294.7
Slow Growth	104.4	96.9	107.7	252.9	182.2	174.6	188.0

Table 4: Projected Values of Key Variables Under Alternative Demographic and Economic Assumptions, Canada, 2051: Percent Differences from Standard

	POP	LF	POP LF	POP65+ LF	GDP	GDP POP	GDP ETOT
-- Index values, 2001 = 100.0 --							
2001 Values	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2051 Values, Projected							
Standard Projection	125.8	116.0	108.4	231.5	244.9	194.7	211.1
-- Percent difference from 2051 standard values --							
<i>Alternative Demographic Assumptions</i>							
Higher Fertility	19.6	16.7	2.4	-14.3	10.1	-8.0	-5.7
Lower Fertility	-8.8	-8.3	-0.6	9.4	-5.1	4.0	3.4
Higher Immigration	7.1	8.1	-0.9	-3.9	7.2	0.1	-0.8
Lower Immigration	-7.1	-8.1	1.1	4.5	-7.2	-0.2	0.9
Higher Life Expectancy	1.5	0.4	1.1	4.5	0.3	-1.2	-0.1
Lower Life Expectancy	-1.6	-0.4	-1.2	-4.9	-0.4	1.3	0.1
Rapid Population Growth	29.0	25.7	2.6	-13.4	17.8	-8.7	-6.3
Slow Population Growth	-17.0	-16.5	-0.7	9.3	-12.6	5.4	4.6
<i>Alternative Economic Assumptions</i>							
Higher Participation	0.0	4.3	-4.1	-4.1	7.4	7.4	3.0
No Mandatory Retirement	0.0	0.4	-0.4	-0.4	0.4	0.4	0.0
Higher Part-time Work	0.0	0.0	0.0	0.0	-2.0	-2.0	-2.0
Lower Part-time Work	0.0	0.0	0.0	0.0	1.9	1.9	1.9
Immigrant Education Same as Rest	0.0	0.0	0.0	0.0	-3.2	-3.2	-3.2
Higher Education of Population	0.0	0.0	0.0	0.0	6.6	6.6	6.6
Higher Productivity	0.0	0.0	0.0	0.0	32.9	32.9	32.9
Rapid Economic Growth	0.0	4.3	-4.1	-4.1	55.5	55.5	49.1
Slow Economic Growth	0.0	0.0	0.0	0.0	-14.9	-14.9	-14.9
<i>Alternative Demographic and Economic Assumptions</i>							
Rapid Growth	29.0	30.9	-1.5	-16.8	82.8	41.7	39.6
Slow Growth	-17.0	-16.5	-0.7	9.3	-25.6	-10.3	-11.0

APPENDIX A: EQUATIONS OF THE ECONOMIC PROJECTION MODEL

1. AGGREGATE PRODUCTION AND FACTOR PRODUCTS

Cobb-Douglas Production Function --

$$GDP(T) = PCD0(T) * (KTOT(T)**PCD1) * (LINPUT(T)**PCD2)$$

$$PCD0(T) = PCD0(T-1) * (1+PN(T))$$

$$MPKTOT(T) = PCD1 * (GDP(T)/KTOT(T))$$

$$MPETOT(T) = PCD2 * (GDP(T)/LINPUT(T))$$

$$PRTS = PCD1 + PCD2$$

CES Production Function --

$$GDP(T) = PCES0(T) * ((PCES1 * (KTOT(T)**PCES3) + PCES2 * (LINPUT(T)**PCES3)) ** (PCES4/PCES3))$$

$$PCES0(T) = PCES0(T-1) * (1+PN(T))$$

$$MPKTOT(T) = PCES4 * PCES1 * PCES0(T) * (PCES1 * KTOT(T)**PCES3 + PCES2 * LINPUT(T) ** PCES3) ** ((PCES4 - PCES3)/PCES3) * KTOT(T) ** (PCES3-1)$$

$$MPETOT(T) = PCES4 * PCES2 * PCES0(T) * (PCES1 * KTOT(T)**PCES3 + PCES2 * LINPUT(T) ** PCES3) ** ((PCES4 - PCES3)/PCES3) * LINPUT(T) ** (PCES3-1)$$

$$PRTS = PCES4$$

Generalized Leontief Production Function --

$$GDP(T) = PGL0(T) * (PGL1 * KTOT(T)**PGL4 + PGL2 * LINPUT(T)**PGL4 + 2.0 * PGL3 * KTOT(T)**(0.5*PGL4) * LINPUT(T)**(0.5*PGL4))$$

$$PGL0(T) = PGL0(T-1) * (1+PN(T))$$

$$MPKTOT(T) = PGL4 * PGL0(T) * (PGL1 + PGL3 * (LINPUT(T)/KTOT(T))**(0.5*PGL4)) * KTOT(T)**(PGL4-1)$$

$$MPETOT(T) = PGL4 * PGL0(T) * (PGL2 + PGL3 * (KTOT(T)/LINPUT(T))**(0.5*PGL4)) * LINPUT(T)**(PGL4-1)$$

$$PRTS = PGL4$$

Translog Production Function --

$$\begin{aligned} \text{LN}(\text{GDP}(T)) = & \text{PTL0}(T) + \text{PTL1} * \text{LN}(\text{KTOT}(T)) + \text{PTL2} * \\ & \text{LN}(\text{LINPUT}(T)) + 0.5 * \text{PTL3} * (\text{LN}(\text{KTOT}(T)))^{**2} + \\ & \text{PTL4} * \text{LN}(\text{KTOT}(T)) * \text{LN}(\text{LINPUT}(T)) + 0.5 * \text{PTL5} * \\ & (\text{LN}(\text{LINPUT}(T)))^{**2} \end{aligned}$$

$$\text{PTL0}(T) = \text{PTL0}(T-1) + T * (\text{LN}((1+\text{PN}(T))))$$

$$\begin{aligned} \text{MPKTOT}(T) = & (\text{PTL1} + \text{PTL3} * \text{LN}(\text{KTOT}(T)) + \text{PTL4} * \text{LN}(\text{LINPUT}(T))) \\ & * (\text{GDP}(T)/\text{KTOT}(T)) \end{aligned}$$

$$\begin{aligned} \text{MPETOT}(T) = & (\text{PTL2} + \text{PTL4} * \text{LN}(\text{KTOT}(T)) + \text{PTL5} * \\ & \text{LN}(\text{LINPUT}(T))) * (\text{GDP}(T)/\text{LINPUT}(T)) \end{aligned}$$

$$\text{PRTS} = \text{PTL1} + \text{PTL2}$$

Marginal Product Calculations, All Production Functions --

$$\begin{aligned} \text{MPROD}(S,A,T) = & \text{MPETOT}(T) * \text{LWT1}(A,T) * \text{LEX}(S,A,T)^{**\text{ETA}} * \\ & (\text{SUM}(E) (\text{LADJ1}(S,A,E,T) * \text{LWT2}(S,A,E,T) * \\ & \text{ECOMP}(S,A,E,T))) \quad (S = 1,2; A = A1,\dots,A12) \end{aligned}$$

$$\begin{aligned} \text{MPRODE}(S,A,E,T) = & \text{MPETOT}(T) * \text{LWT1}(A,T) * \text{LEX}(S,A,T)^{**\text{ETA}} * \\ & \text{LADJ1}(S,A,T) * \text{LWT2}(S,A,E,T) \\ & (S = 1,2; A = A1,\dots,A12; E = E1,\dots,E7) \end{aligned}$$

2. CAPITAL STOCK EXCLUDING CONSUMER DURABLES

Fixed Capital Stock, by Type --

$$\text{KRES}(T) = (1-\text{DR}) * \text{KRES}(T-1) + \text{IRES}(T-1)$$

$$\text{KNRES}(T) = (1-\text{DNR}) * \text{KNRES}(T-1) + \text{INRES}(T-1)$$

$$\text{KMACH}(T) = (1-\text{DM}) * \text{KMACH}(T-1) + \text{IMACH}(T-1)$$

$$\text{KTOT}(T) = \text{KRES}(T) + \text{KNRES}(T) + \text{KMACH}(T)$$

Fixed Capital Stock, by Type and Vintage --

$$\text{KR}(A,T) = ((1-\text{DR})^{**A}) * \text{IRES}(T-A-1) \quad (A = 0,1,2,\dots)$$

$$\text{KNR}(A,T) = ((1-\text{DNR})^{**A}) * \text{INRES}(T-A-1) \quad (A = 0,1,2,\dots)$$

$$\text{KM}(A,T) = ((1-\text{DM})^{**A}) * \text{IMACH}(T-A-1) \quad (A = 0,1,2,\dots)$$

$$KT(A,T) = KR(A,T) + KNR(A,T) + KM(A,T) \quad (A = 0,1,2,\dots)$$

Depreciation --

$$DEP(T) = DR * KRES(T) + DNR * KNRES(T) + DM * KMACH(T)$$

$$DELTA(T) = DEP(T) / KTOT(T)$$

3. FIXED INVESTMENT

$$IRES(T) = PRES(T) * ISAVING(T)$$

$$INRES(T) = PNRES(T) * ISAVING(T)$$

$$IMACH(T) = PMACH(T) * ISAVING(T)$$

$$ITOT(T) = IRES(T) + INRES(T) + IMACH(T)$$

4. LABOUR SUPPLY AND THE SERVICES OF LABOUR

Educational Composition of the Population --

$$POPED(S,A,E,T) = ECOMP(S,A,E,T) * POP(S,A,T)$$

$$IMED(S,A,E,T) = IMECOMP(S,A,E,T) * IM(S,A,T)$$

$$ECOMP(S,A,E,T) = ECOMP1(S,A,E,T) * (POPED(S,A,E,T-1) - IMED(S,A,E,T)) / (POPED(S,A,E,T-1) + IMECOMP(S,A,E,T) * IMED(S,A,E,T) / POPED(S,A,E,T-1) + ECOMP(S,A,E,T-1) - ECOMP1(S,A,E,T-1))$$

Note: $\sum(E) (ECOMP(S,A,E,T)) = 1.0$ for $A=A1,\dots,A12$

$$ECOMP1(S,A,E,T) = ECOMP1(S,A-1,E,T-5) + ALPHA(T) * 1/2 * ((ECOMP1(S,A,E,2001) - ECOMP1(S,A-1,E,1996) + ECOMP1(S,A,E,1996) - ECOMP1(S,A-1,E,1991)) \quad \text{for } A=A2,\dots,A4$$

$$ECOMP1(S,A1,E,T) = ECOMP1(S,A1,E,T-5) + ALPHA(T) * 1/2 * ((ECOMP1(S,A1,E,2001) - ECOMP1(S,A1,E,1991))$$

$$ECOMP1(S,A,E,T) = ECOMP1(S,A-1,E,T-5) \text{ for } A = A5,\dots,A12$$

$$0 \# ECOMP1(S,A,E,T) \# 1$$

$$\sum(A) (ECOMP1(S,A,E,T)) = 1.0$$

$$\begin{aligned}
\text{IMREL}(S,A,E,2001) &= \text{IMECOMP}(S,A,E,2001) / \text{ECOMP}(S,A,E,2001) \\
\text{IMECOMP}(S,A1,E,T) &= \text{IMREL}(S,A1,E,2001) * \text{ECOMP1}(S,A1,E,T) \\
\text{IMECOMP}(S,A,E,T) &= \text{IMWT}(E,T) * \text{IMREL}(S,A,E,2001) * \text{ECOMP1}(S,A,E,T) \\
&\text{for } A = A2, \dots, A12 \\
\text{SUM}(E) (\text{IMECOMP}(S,A,E,T)) &= 1.0 \text{ for } A=A1, \dots, A12
\end{aligned}$$

Labour in Aggregate Production –

$$\begin{aligned}
\text{LF}(S,A,E,T) &= \text{LFPR}(S,A,E,T) * (1 - \text{XPROP}(S,A,E,T)) * \text{POPED}(S,A,E,T) \\
\text{LFPR}(S,A,E,T) &= f(\text{LF}(S,A,T)) \\
\text{XPROP}(S,A,E,T) &= \text{XPROP}(S,A,T) \\
\text{EMPLOY}(S,A,E,T) &= (1 - \text{URATE}(S,A,E,T)) * \text{LF}(S,A,E,T) \\
\text{URATE}(S,A,E,T) &= f(\text{UFIX}(T)) \\
\text{LINPUT}(T) &= \text{SUM}(S,A) (\text{LWT1}(A,T) * \text{LEXR}(S,A,T) ** \text{ETA} * \text{SUM}(E) \\
&\quad (\text{LWT2}(S,A,E,T) * \text{LADJ1}(S,A,E,T) * \text{EMPLOY}(S,A,E,T))) \\
\text{LWT1}(A,T) &= (\text{SUM}(AA=AL,AH) (1 + \text{PL}(T - \text{TBASE} - AA + 15)) ** (T - \text{TBASE} - \\
&\quad AA + 15)) / (AH - AL + 1) \\
\text{LEX}(S,A,T) &= \text{LEX}(S,A,T-1) * (4/5) + (\text{PRATE}(S,A-1,T-1) / \\
&\quad \text{PRMAX}) * (1/5) \quad (A = A3, \dots, A12) \\
\text{LEX}(S,A,T) &= 1.0 \quad (A = A1, A2) \\
\text{LEXR}(S,A,T) &= \text{LEX}(S,A,T) / \text{LEX}(S,A, \text{TBASE}) \\
\text{LWT2}(2,A,E,T) &= (\text{LWT2}(2,A,E, \text{TBASE}) + \text{DIFF}(T) * \\
&\quad (\text{LWT2}(1,A,E, \text{TBASE}) - \text{LWT2}(2,A,E, \text{TBASE}))) \\
\text{LADJ1}(S,A,E,T) &= \text{PPART}(S,A,E,T) * \text{HRSPW}(S,A,E,T) * \text{WKSPY}(S,A,E,T) + (1 - \\
&\quad \text{PPART}(S,A,E,T)) * \text{HRSFW}(S,A,E,T) * \text{WKSFY}(S,A,E,T) \\
\text{PPART}(S,A,E,T) &= f(\text{PPART}(S,A,T)) \\
\text{HRSPW}(S,A,E,T) &= f(\text{HRSPW}(S,A,T)) \\
\text{HRSFW}(S,A,E,T) &= f(\text{HRSFW}(S,A,T))
\end{aligned}$$

5. INCOME ASSOCIATED WITH LABOUR

$$\text{WAGE}(S,A,E,T) = (\text{RWM}(S,A,E) * \text{MPRODE}(S,A,E,T) / \text{PRTS}) *$$

$$WCFACT(T)$$

$$WCFACT(T) = SHAREA(T) / SHAREB(T)$$

$$SHAREA(T) = GDP(T) - RG(T) * KTOT(T)$$

$$SHAREB(T) = \text{SUM}(S,A,E) ((\text{EMPLOY}(S,A,T) * \text{ECOMP}(S,A,E,T)) \\ * \text{WAGE}(S,A,E,T))$$

$$RWM(S,A,E) = RWM1(S) * RWM2(A) * RWM3(E)$$

$$\text{NETWAGE}(S,A,E,T) = (1 - \text{TRATE}(T)) * \text{WAGE}(S,A,E,T)$$

$$\text{NETYL}(A,T) = \text{SUM}(S,E) (\text{EMPLOY}(S,A,E,T) * \text{NETWAGE}(S,A,E,T))$$

6. OWNERSHIP OF CAPITAL AND INCOME FROM CAPITAL

$$KWEALTH(T) = KTOT(T) + KDUR(T)$$

$$KW(A,T) = PKW(A,T) * KWEALTH(T)$$

$$PKW(A,T) = PKWLC(A,T) * \text{POP}(A,T) / \text{SUM}(A) (PKWLC(A,T) * \\ \text{POP}(A,T))$$

$$RG(T) = \text{MPKTOT}(T) / \text{PRTS}$$

$$\text{RN}(T) = RG(T) - \text{DELTA}(T)$$

$$\text{NETYK}(A,T) = KW(A,T) * \text{RN}(T) * (1 - \text{TRATE}(T))$$

7. TOTAL INCOME

$$\text{NETY}(A,T) = \text{NETYL}(A,T) + \text{NETYK}(A,T)$$

$$\text{GROSSDY}(A,T) = \text{NETY}(A,T) + \text{DELTA}(T) * KW(A,T)$$

8. CONSUMER DURABLES: STOCK AND THE FLOW OF SERVICES

$$KDUR(T) = (1 - DD) * KDUR(T-1) + IDUR(T-1)$$

$$KD(A,T) = ((1 - DD)**A) * IDUR(T-A-1) \quad (A = 0,1,2,...)$$

$$IDUR(T) = PDUR(T) * \text{ISAVING}(T)$$

$$CDUR(T) = DD * KDUR(T)$$

9. AGGREGATE CONSUMPTION AND CONSUMER EXPENDITURE

Standard Specification --

$$\text{CONSUM}(T) = \text{PCON1}(T) * (\text{GDP}(T) - \text{GOVC}(T))$$

Alternative Specification --

$$\text{CONSUM}(T) = \text{PCON2}(T) * \text{NETY}(T)$$

Consumer Expenditure --

$$\text{CONEX}(T) = \text{CONSUM}(T) + \text{IDUR}(T) - \text{CDUR}(T)$$

10. AGGREGATE SAVING

$$\text{SAVING}(T) = \text{GDP}(T) - \text{CONSUM}(T) - \text{GOVC}(T) - \text{TRADEBAL}(T) - \text{STATD}(T) + \text{CDUR}(T)$$

$$\text{ISAVING}(T) = \text{SAVING}(T) - \text{INVENT}(T) - \text{PGB}(T) * \text{GOVC}(T)$$

11. GOVERNMENT EXPENDITURE

$$\text{GOVC}(T) = \text{PGOVC}(T) * \text{GDP}(T)$$

12. AGGREGATE TAX RATE, NET OF TRANSFERS

$$\text{TRATE}(T) = (1 - \text{PGB}(T)) * (\text{GOVC}(T) / \text{GDP}(T))$$

13. AGGREGATE INVENTORY CHANGE

$$\text{INVENT}(T) = \text{PINVY}(T) * \text{GDP}(T)$$

14. AGGREGATE TRADE BALANCE

$$\text{TRADEBAL}(T) = \text{PTRD}(T) * \text{GDP}(T)$$

15. STATISTICAL DISCREPANCY

$$\text{STATD}(T) = \text{PSTATD}(T) * \text{GDP}(T)$$

17. HUMAN CAPITAL

$$\text{RDISC}(T) = \text{PDISC} * \text{RN}(T) \quad \text{or} \quad \text{RDISC}(T) = \text{RDISCF}$$

$$\text{ADISC}(T) = 1 / (1 + \text{RDISC}(T))$$

$$\text{DISC}(AJ,A,T) = F(\text{ADISC}(T))$$

$$\begin{aligned} \text{HCAP}(S,A,T) = & \text{EMPLOY}(S,A,T) * \text{MPROD}(S,A,T) * \text{YRS}(A)/2 \\ & + \text{SUM}(AJ=A+1,AMAX)(\text{DISC}(AJ,A,T) \\ & * (\text{LX}(S,AJ,T)/\text{LX}(S,A,T)) \\ & * (\text{EMPLOY}(S,AJ,T)/\text{POP}(S,AJ,T)) \\ & * (\text{MPROD}(S,AJ,T) * \text{YRS}(AJ))) \\ & * \text{POP}(S,A,T) \end{aligned}$$

$$\text{HCAPTOT}(T) = \text{SUM}(S,A)(\text{HCAP}(S,A,T))$$

LIST OF DEFINITIONS

A	subscript denoting age of population or labour force cohort (A = A1,...,A12) or of vintage of capital stock (A = 0,1,...)
AA	subscript denoting age of labour force or population cohort, used to indicate single years of age
ADISC	annual discount factor for calculation of human capital
AH	subscript denoting highest single year of age
AJ	subscript denoting age group
AL	subscript denoting lowest single year of age
ALPHA*	adjustment factor for rate of change of educational composition
AMAX	maximum age group in calculation of human capital
CDUR	services provided by consumer durable goods
CONEX	consumer expenditures, measured on a national accounts basis
CONSUM	consumption; the flow of services provided by consumer goods, including the service of consumer durables
DD*	annual rate of depreciation associated with consumer durables

DELTA	annual rate of depreciation on the fixed capital stock, excluding consumer durables
DEP	depreciation of the fixed capital stock, excluding consumer durables
DIFF*	parameter relating to the difference between male and female marginal productivity
DISC(AJ,A,T)	factor calculated from ADISC for discounting between midpoint of age group A and midpoint of age group AJ (for AJ greater than or equal to A)
DM*	annual rate of depreciation associated with machinery and equipment
DNR*	annual rate of depreciation associated with non-residential construction
DR*	annual rate of depreciation associated with residential construction
E	subscript indicating education (highest level of schooling) (E = E1,...,E7)
ECOMP	educational composition of the population
ECOMP1	educational composition of the population in the absence of immigration
EMPLOY+	employment
ETA*	elasticity parameter relating to labour experience
ETOT+	total employment
F	general symbol used to denote a function
GDP	gross domestic product
GOV	total government expenditures
GOVC	government current expenditure on goods and services
GROSSDY	gross disposable income
HCAP	human capital of population of given sex and age
HCAPTOT	total human capital

HOUSE+	number of households
HRSFW*	average weekly hours of full-time workers
HRSPW*	average weekly hours of part-time workers
IDUR	annual gross investment expenditure on consumer durables
IM	immigration
IMACH	annual gross investment expenditure on machinery and equipment
IMECOMP	educational composition of immigration
IMED	immigration by educational group
IMREL	fraction of immigration in educational group relative to corresponding fraction in rest of population
IMWT	relative weight associated with educational group in determining educational distribution of immigration
INRES	annual gross investment expenditure on non-residential construction
INVENT	annual gross investment expenditure on inventory change
IRES	annual gross residential construction expenditure
ISAVING	annual gross saving for investment, including consumer durables
ITOT	annual gross investment expenditure, excluding consumer durables
KD	stock of consumer durables, by vintage
KDUR	aggregate stock of consumer durables
KM	stock of machinery and equipment, by vintage
KMACH	aggregate stock of machinery and equipment
KNR	stock of non-residential construction, by vintage
KNRES	aggregate stock of non-residential construction

KR	stock of residential construction, by vintage
KRES	aggregate stock of residential construction
KT	capital stock, excluding consumer durables, by vintage
KTOT	aggregate capital stock, excluding consumer durables
KW	capital stock by age of owner
KWEALTH	physical wealth (total fixed capital stock, including consumer durables)
LADJ1	employment adjustment factor, to make allowance for part-weeks and part-hours of work
LEX	labour force experience variable
LEXR	labour force experience relative to base period
LFTOT+	total labour force
LINPUT	effective labour input in aggregate production process
LF	labour force in age-sex-education group
LFPR	labour force participation rate for age-sex-education group
LWT1	productivity factor associated with cohort
LWT2	age-productivity profile, specified for each education level and each sex
LX	proportion of population surviving to given age (based on current mortality rates)
MPETOT	marginal product of labour (in the aggregate)
MPKTOT	marginal product of capital (in the aggregate)
MPROD	marginal product of labour for age-sex-specific group
MPRODE	marginal product of labour for age-sex-education-specific group
NETWAGE	net wages, after allowance for taxes

NETY	net income, after allowance for taxes and depreciation
NETYK	net income from capital, after allowance for taxes and depreciation
NETYL	net income from labour, after allowance for taxes
PCD0	measure incorporating neutral technological progress, associated with Cobb-Douglas production function
PCD1*	parameter associated with Cobb-Douglas production function
PCD2*	parameter associated with Cobb-Douglas production function
PCES0	measure incorporating neutral technological progress, associated with CES production function
PCES1*	parameter associated with CES production function
PCES2*	parameter associated with CES production function
PCES3*	parameter associated with CES production function
PCES4*	parameter associated with CES production function
PCON1*	parameter in consumption function
PCON2*	parameter in consumption function
PDISC*	parameter representing proportionate adjustment of RN for calculation of human capital
PDUR*	parameter in consumer durable goods investment equation
PGB*	parameter indicating the proportion of government expenditure not financed by taxes
PGL0	measure incorporating neutral technological progress, associated with generalized Leontief production function
PGL1*	parameter associated with generalized Leontief production function
PGL2*	parameter associated with generalized Leontief production function
PGL3*	parameter associated with generalized Leontief production function

PGL4*	parameter associated with generalized Leontief production function
PGOVC*	parameter in government expenditure equation
PINVY*	parameter in inventory change equation
PKW	proportion of aggregate fixed wealth that is held by a particular group, based on life-cycle optimization model
PKWLC*	life-cycle value of parameter that allocates total fixed wealth to an age group
PL*	rate of labour-embodied technological change
PMACH*	parameter in machinery and equipment investment equation
PN*	rate of neutral technological change
PNRES*	parameter in non-residential construction investment equation
POP+	population
POPED	population by educational group
POPTOT+	total population
PPART*	proportion of employed labour force that works part-time
PRATE+	labour force participation rate
PRES*	parameter in residential construction investment equation
PRMAX	maximum labour force participation rate
PRTS	parameter indicating returns to scale
PSTATD*	parameter in statistical discrepancy equation
PTL0	measure incorporating neutral technological progress, associated with translog production function
PTL1*	parameter associated with translog production function
PTL2*	parameter associated with translog production function

PTL3*	parameter associated with translog production function
PTL4*	parameter associated with translog production function
PTRD*	parameter in trade balance equation
RDISC	annual rate of discount for calculation of human capital
RDISCF*	fixed value assigned to RDISC (at the option of a user of the model)
RG	gross rate of return on the aggregate capital stock, excluding consumer durables
RN	net (i.e., after depreciation) rate of return on the capital stock, excluding consumer durables
RWM	ratio of wage to marginal product
RWM1*	ratio of wage to marginal product, component associated with age
RWM2*	ratio of wage to marginal product, component associated with gender
RWM3*	ratio of wage to marginal product, component associated with education
S	subscript indicating sex (S=1 for male, S=2 for female)
SAVING	aggregate saving
SHAREA	labour income, calculated as that portion of GDP not accruing to capital
SHAREB	labour income, calculated as the summation of income accruing to each age-sex-education group
STATD	statistical discrepancy in the national accounts
SUM	operator indicating summation (e.g., SUM(E) indicates summation over E, SUM(S,A) indicates summation over A and S)
T	subscript indicating time
TBASE	base year (1991)
TRADEBAL	aggregate trade balance (exports less imports)

TRATE	aggregate tax rate net of transfers
URATE+	unemployment rate
UFIX*	age-sex standardized unemployment rate (specified in MEDS-D)
WAGE	annual wage rate
WCFACT	adjustment factor, used to ensure that labour income, as allocated, is equal to total labour income available
WKSFY*	average weeks worked per year by part-time workers
WKSPY*	average weeks worked per year by full-time workers
XPROP	proportion of population excluded in calculating labour force source population
YRS	number of years in a given age group (e.g., 5 for 15-19 age group, 10 for 25-34 age group)

*Indicates parameters chosen by the user.

+Indicates values provided by MEDS-D.

APPENDIX B: PROJECTION BASED ON STANDARD ASSUMPTIONS

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: Standard Projection

DATE: 5JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32485.	1464.	4.72	17755.	1587.	9.81	12884.	2.52	17.3	13.2
2011	33850.	1365.	4.20	18635.	881.	4.96	13791.	2.45	15.9	14.4
2016	35157.	1308.	3.86	19124.	489.	2.62	14680.	2.39	15.4	16.6
2021	36361.	1203.	3.42	19150.	26.	.14	15517.	2.34	15.2	19.0
2026	37386.	1025.	2.82	19064.	-85.	-.45	16194.	2.31	14.9	21.7
2031	38155.	769.	2.06	19019.	-45.	-.24	16713.	2.28	14.4	24.0
2036	38657.	502.	1.32	19049.	30.	.16	17069.	2.26	13.9	25.1
2041	38932.	274.	.71	19052.	3.	.02	17291.	2.25	13.5	25.7
2046	39033.	102.	.26	18950.	-102.	-.54	17414.	2.24	13.4	26.3
2051	39022.	-12.	-.03	18759.	-191.	-1.01	17461.	2.23	13.5	26.9

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: Standard Projection

DATE: 5JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	230.0	48.4	.0	181.6	330.2	234.6	95.6	1.59	1.83
2011	230.0	50.8	.0	179.2	342.0	251.3	90.7	1.58	1.82
2016	230.0	53.2	.0	176.8	349.4	271.3	78.1	1.60	1.84
2021	230.0	55.5	.0	174.5	350.2	295.3	54.9	1.65	1.90
2026	230.0	57.5	.0	172.5	340.8	326.9	13.9	1.72	1.96
2031	230.0	59.2	.0	170.8	328.5	367.4	-38.9	1.77	2.01
2036	230.0	60.5	.0	169.5	324.0	412.9	-88.9	1.79	2.03
2041	230.0	61.4	.0	168.6	326.5	455.8	-129.3	1.80	2.04
2046	230.0	62.0	.0	168.0	329.2	487.7	-158.5	1.81	2.06
2051	230.0	62.4	.0	167.6	328.4	504.6	-176.2	1.83	2.08

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA

ID: Standard Projection

DATE: 5JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.50	10.2	7.3	3.0	78.4	82.6	17.5	20.8	67.8	46.7
2011	1.50	10.1	7.5	2.7	79.5	83.2	18.1	21.2	67.3	46.9
2016	1.50	10.0	7.7	2.2	80.4	83.8	18.5	21.5	66.1	46.9
2021	1.50	9.7	8.1	1.5	81.0	84.2	18.9	21.8	64.0	46.7
2026	1.50	9.1	8.8	.4	81.5	84.6	19.1	22.1	61.8	46.6
2031	1.50	8.6	9.6	-1.0	81.8	85.0	19.4	22.4	60.2	46.7
2036	1.50	8.4	10.7	-2.3	82.1	85.3	19.5	22.6	59.2	46.7
2041	1.50	8.4	11.7	-3.3	82.4	85.6	19.7	22.8	58.6	46.6
2046	1.50	8.4	12.5	-4.1	82.6	85.9	19.9	23.0	58.1	46.6
2051	1.50	8.4	12.9	-4.5	82.8	86.1	20.0	23.2	57.6	46.6

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA

ID: Standard Projection

DATE: 5JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE	AGE	TOTAL	MALE	FEMALE	
				20-64	65+				
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	37.9	39.8	42.3	74.4	40.5	40.7	40.2	7.2
2011	40.3	39.4	41.2	43.0	73.9	41.0	41.3	40.7	7.2
2016	41.4	40.6	42.3	43.1	73.2	41.2	41.5	40.9	7.2
2021	42.6	41.8	43.4	43.1	73.3	41.4	41.8	41.0	7.2
2026	43.8	43.1	44.6	43.3	73.6	41.7	42.1	41.2	7.2
2031	45.0	44.2	45.7	43.4	74.3	41.9	42.3	41.4	7.2
2036	46.0	45.2	46.7	43.8	75.4	42.3	42.7	41.8	7.2
2041	46.8	45.9	47.7	44.1	76.3	42.5	42.9	42.0	7.2
2046	47.2	46.2	48.2	44.0	76.4	42.3	42.8	41.8	7.2
2051	47.2	46.2	48.3	43.7	76.1	42.1	42.6	41.6	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Standard Projection

DATE: 6JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ- ment ETOT	Gross Domestic Product GDP	Consump- tion CONSUM	Fixed Invest- ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32485.	17755.	16476.	1209.7	655.6	275.2	232.2	3284.5
2011	33850.	18635.	17294.	1404.0	760.9	324.9	269.5	4002.2
2016	35157.	19124.	17747.	1590.2	861.8	373.3	305.2	4792.4
2021	36361.	19150.	17771.	1754.1	950.6	417.4	336.7	5633.9
2026	37386.	19064.	17692.	1905.0	1032.4	458.4	365.6	6502.1
2031	38155.	19019.	17650.	2040.1	1105.6	495.8	391.6	7381.1
2036	38657.	19049.	17677.	2175.3	1178.9	532.5	417.5	8262.2
2041	38932.	19052.	17680.	2304.8	1249.1	567.6	442.4	9142.8
2046	39034.	18950.	17586.	2425.3	1314.4	600.5	465.5	10017.0
2051	39022.	18759.	17408.	2537.4	1375.1	631.3	487.0	10877.7

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Standard Projection

DATE: 6JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ- ment ETOT	Gross Domestic Product GDP	Consump- tion CONSUM	Fixed Invest- ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.7	9.8	9.8	16.8	19.2	33.4	19.8	19.7
2011	4.2	5.0	5.0	16.1	16.1	18.1	16.1	21.8
2016	3.9	2.6	2.6	13.3	13.3	14.9	13.3	19.7
2021	3.4	.1	.1	10.3	10.3	11.8	10.3	17.6
2026	2.8	-.4	-.4	8.6	8.6	9.8	8.6	15.4
2031	2.1	-.2	-.2	7.1	7.1	8.2	7.1	13.5
2036	1.3	.2	.2	6.6	6.6	7.4	6.6	11.9
2041	.7	.0	.0	6.0	6.0	6.6	6.0	10.7
2046	.3	-.5	-.5	5.2	5.2	5.8	5.2	9.6
2051	.0	-1.0	-1.0	4.6	4.6	5.1	4.6	8.6

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
 ID: Standard Projection

DATE: 6JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	111.5	11.5	54.2	22.7	19.2	.0	7.2	2.7
2011	124.2	11.4	54.2	23.1	19.2	.0	7.2	2.9
2016	135.4	9.1	54.2	23.5	19.2	.0	7.2	3.0
2021	144.5	6.7	54.2	23.8	19.2	.0	7.2	3.2
2026	152.6	5.6	54.2	24.1	19.2	.0	7.2	3.4
2031	160.1	4.9	54.2	24.3	19.2	.0	7.2	3.6
2036	168.5	5.2	54.2	24.5	19.2	.0	7.2	3.8
2041	177.3	5.2	54.2	24.6	19.2	.0	7.2	4.0
2046	186.1	5.0	54.2	24.8	19.2	.0	7.2	4.1
2051	194.7	4.7	54.2	24.9	19.2	.0	7.2	4.3

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
 ID: Standard Projection

DATE: 6JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	106.3	6.3	97.6	-2.4	109.0	9.0
2011	117.6	10.6	92.9	-4.8	126.5	16.1
2016	129.8	10.4	87.9	-5.4	147.6	16.7
2021	143.0	10.2	82.5	-6.2	173.3	17.4
2026	156.0	9.1	77.6	-5.9	200.9	15.9
2031	167.4	7.3	73.2	-5.7	228.6	13.8
2036	178.2	6.5	69.7	-4.7	255.5	11.8
2041	188.8	5.9	66.8	-4.3	282.7	10.6
2046	199.7	5.8	64.1	-4.0	311.4	10.2
2051	211.1	5.7	61.8	-3.7	341.6	9.7

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Standard Projection

BOTH SEXES
 DATE: 6JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.9	9.5	29.3	12.2	6.2	1.6	11.5	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.8	18.2	10.0	30.4	13.7	7.1	1.5	11.5	21.0	29.1	27.6	8.1	1.2
2016	4.4	13.1	17.7	10.4	31.3	15.1	7.9	1.6	11.4	19.9	30.5	27.2	8.1	1.3
2021	3.4	11.8	17.0	10.8	32.1	16.4	8.5	1.7	11.4	18.8	31.9	26.7	8.1	1.4
2026	2.6	11.1	16.4	11.4	32.6	17.1	8.8	1.8	11.3	17.7	33.4	26.2	8.1	1.5
2031	2.3	10.5	15.5	12.0	33.0	17.7	9.1	1.9	11.2	16.7	34.8	25.8	8.1	1.6
2036	2.0	9.6	14.4	12.8	33.3	18.6	9.4	1.9	11.1	15.7	36.2	25.3	8.1	1.7
2041	1.7	8.7	12.9	13.6	33.4	19.8	9.9	2.0	11.0	14.7	37.6	24.8	8.1	1.8
2046	1.6	7.6	11.5	14.3	34.1	20.6	10.3	2.1	10.6	13.8	39.1	24.5	8.1	1.9
2051	1.5	6.9	10.9	15.4	33.8	20.8	10.6	2.2	10.3	12.9	40.5	24.1	8.1	2.0

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

APPENDIX C: PROJECTIONS BASED ON ALTERNATIVE ASSUMPTIONS

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: Higher Fertility

DATE: 6JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32591.	1569.	5.06	17755.	1587.	9.81	12889.	2.53	17.5	13.2
2011	34393.	1802.	5.53	18634.	879.	4.95	13815.	2.49	17.3	14.2
2016	36378.	1986.	5.77	19118.	484.	2.60	14731.	2.47	18.3	16.0
2021	38270.	1891.	5.20	19193.	75.	.39	15593.	2.45	19.2	18.0
2026	39975.	1705.	4.46	19356.	163.	.85	16293.	2.45	19.1	20.2
2031	41451.	1476.	3.69	19775.	419.	2.17	16879.	2.46	18.4	22.1
2036	42786.	1335.	3.22	20361.	585.	2.96	17441.	2.45	17.9	22.7
2041	44098.	1312.	3.07	20940.	579.	2.84	17986.	2.45	18.0	22.7
2046	45398.	1301.	2.95	21426.	487.	2.32	18470.	2.46	18.5	22.6
2051	46655.	1257.	2.77	21900.	474.	2.21	18900.	2.47	19.1	22.5

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: Higher Fertility

DATE: 6JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	230.0	48.5	.0	181.5	376.8	234.7	142.1	1.60	1.84
2011	230.0	51.5	.0	178.5	458.2	251.6	206.5	1.61	1.85
2016	230.0	54.8	.0	175.2	489.0	271.6	217.4	1.66	1.90
2021	230.0	58.2	.0	171.8	490.2	295.6	194.6	1.74	1.99
2026	230.0	61.3	.0	168.7	480.9	327.2	153.7	1.83	2.07
2031	230.0	64.1	.0	165.9	481.4	367.8	113.6	1.88	2.10
2036	230.0	66.7	.0	163.3	512.8	413.5	99.3	1.88	2.10
2041	230.0	69.2	.0	160.8	558.3	456.6	101.8	1.88	2.11
2046	230.0	71.7	.0	158.3	587.9	488.6	99.2	1.89	2.12
2051	230.0	74.3	.0	155.7	597.3	505.7	91.7	1.90	2.13

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA
 ID: Higher Fertility

DATE: 6JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.74	11.6	7.2	4.4	78.4	82.6	17.5	20.8	67.8	46.7
2011	2.04	13.4	7.4	6.0	79.5	83.2	18.1	21.2	67.3	46.9
2016	2.10	13.5	7.5	6.0	80.4	83.8	18.5	21.5	66.1	46.9
2021	2.10	12.9	7.8	5.1	81.0	84.2	18.9	21.8	63.9	46.7
2026	2.10	12.1	8.2	3.9	81.5	84.6	19.1	22.1	61.8	46.7
2031	2.10	11.7	8.9	2.8	81.8	85.0	19.4	22.4	60.4	46.7
2036	2.10	12.0	9.7	2.3	82.1	85.3	19.5	22.6	59.9	46.7
2041	2.10	12.7	10.4	2.3	82.4	85.6	19.7	22.8	59.9	46.7
2046	2.10	13.0	10.8	2.2	82.6	85.9	19.9	23.0	60.0	46.7
2051	2.10	12.8	10.9	2.0	82.8	86.1	20.0	23.2	60.0	46.7

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA
 ID: Higher Fertility

DATE: 6JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.8	37.8	39.7	42.3	74.4	40.5	40.7	40.2	7.2
2011	39.7	38.8	40.6	43.0	73.9	41.0	41.3	40.7	7.2
2016	40.1	39.3	41.0	43.1	73.2	41.2	41.5	40.9	7.2
2021	40.7	39.9	41.5	43.1	73.3	41.3	41.7	40.9	7.2
2026	41.3	40.5	42.1	43.2	73.6	41.3	41.8	40.8	7.2
2031	41.8	40.9	42.6	42.8	74.3	41.1	41.5	40.6	7.2
2036	42.0	41.1	42.9	42.6	75.4	40.8	41.3	40.3	7.2
2041	41.5	40.4	42.6	42.2	76.3	40.2	40.6	39.6	7.2
2046	40.5	39.4	41.6	41.3	76.4	39.5	39.9	39.0	7.2
2051	40.1	39.2	41.1	41.1	76.1	39.5	39.8	39.1	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
ID: Higher Fertility

DATE: 6JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32591.	17755.	16476.	1209.7	655.6	275.2	232.2	3284.5
2011	34393.	18634.	17292.	1403.9	760.8	324.9	269.4	4002.2
2016	36378.	19118.	17742.	1589.9	861.6	373.2	305.1	4792.2
2021	38270.	19193.	17811.	1754.0	950.6	417.3	336.6	5633.3
2026	39975.	19356.	17962.	1909.6	1034.9	459.3	366.5	6502.7
2031	41451.	19775.	18351.	2060.3	1116.5	499.8	395.4	7390.3
2036	42786.	20361.	18895.	2227.6	1207.2	543.1	427.5	8298.2
2041	44098.	20940.	19432.	2408.2	1305.1	589.0	462.2	9237.6
2046	45399.	21426.	19884.	2596.8	1407.3	636.8	498.4	10214.5
2051	46655.	21900.	20324.	2792.5	1513.4	686.3	536.0	11230.3

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
ID: Higher Fertility

DATE: 6JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	5.1	9.8	9.8	16.8	19.2	33.4	19.8	19.7
2011	5.5	5.0	5.0	16.0	16.0	18.1	16.0	21.8
2016	5.8	2.6	2.6	13.2	13.2	14.9	13.2	19.7
2021	5.2	.4	.4	10.3	10.3	11.8	10.3	17.6
2026	4.5	.8	.8	8.9	8.9	10.1	8.9	15.4
2031	3.7	2.2	2.2	7.9	7.9	8.8	7.9	13.7
2036	3.2	3.0	3.0	8.1	8.1	8.7	8.1	12.3
2041	3.1	2.8	2.8	8.1	8.1	8.5	8.1	11.3
2046	3.0	2.3	2.3	7.8	7.8	8.1	7.8	10.6
2051	2.8	2.2	2.2	7.5	7.5	7.8	7.5	9.9

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
 ID: Higher Fertility

DATE: 6JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	111.2	11.2	54.2	22.7	19.2	.0	7.2	2.7
2011	122.2	10.0	54.2	23.1	19.2	.0	7.2	2.9
2016	130.9	7.1	54.2	23.5	19.2	.0	7.2	3.0
2021	137.2	4.9	54.2	23.8	19.2	.0	7.2	3.2
2026	143.0	4.2	54.2	24.1	19.2	.0	7.2	3.4
2031	148.8	4.0	54.2	24.3	19.2	.0	7.2	3.6
2036	155.9	4.7	54.2	24.4	19.2	.0	7.2	3.7
2041	163.5	4.9	54.2	24.5	19.2	.0	7.2	3.8
2046	171.3	4.7	54.2	24.5	19.2	.0	7.2	3.9
2051	179.2	4.6	54.2	24.6	19.2	.0	7.2	4.0

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
 ID: Higher Fertility

DATE: 6JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	106.3	6.3	97.6	-2.4	109.0	9.0
2011	117.6	10.6	92.9	-4.8	126.5	16.1
2016	129.8	10.4	87.9	-5.4	147.7	16.7
2021	142.6	9.9	82.5	-6.1	172.9	17.1
2026	154.0	8.0	77.8	-5.7	197.9	14.5
2031	162.6	5.6	73.9	-5.1	220.2	11.2
2036	170.7	5.0	71.1	-3.7	240.1	9.1
2041	179.5	5.1	69.1	-2.9	259.9	8.2
2046	189.1	5.4	67.3	-2.5	280.9	8.1
2051	199.0	5.2	65.9	-2.2	302.1	7.6

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Higher Fertility

BOTH SEXES
 DATE: 6JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.9	9.5	29.3	12.2	6.2	1.6	11.5	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.8	18.2	10.0	30.4	13.7	7.1	1.5	11.5	21.0	29.1	27.6	8.1	1.2
2016	4.4	13.1	17.7	10.4	31.3	15.1	7.9	1.6	11.4	19.9	30.5	27.2	8.1	1.3
2021	3.4	12.0	17.0	10.8	32.1	16.3	8.5	1.7	11.4	18.8	31.9	26.7	8.1	1.4
2026	2.6	11.7	16.4	11.6	32.2	16.8	8.7	1.8	11.3	17.8	33.3	26.2	8.1	1.5
2031	2.3	11.5	15.4	12.5	32.3	17.2	8.8	1.8	11.2	16.7	34.7	25.8	8.1	1.6
2036	2.0	10.6	14.2	13.5	32.5	18.1	9.1	1.9	11.0	15.8	36.1	25.4	8.1	1.7
2041	1.7	9.6	12.7	14.4	32.6	19.3	9.7	2.0	10.9	14.8	37.4	25.1	8.1	1.8
2046	1.6	8.5	11.2	15.1	33.1	20.2	10.3	2.0	10.5	14.0	38.8	24.8	8.1	1.8
2051	1.5	7.9	10.6	16.2	32.8	20.4	10.6	2.1	10.1	13.1	40.2	24.6	8.1	1.9

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: Lower Fertility

DATE: 6JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32432.	1411.	4.55	17755.	1587.	9.81	12882.	2.52	17.1	13.2
2011	33577.	1145.	3.53	18636.	881.	4.96	13780.	2.44	15.3	14.5
2016	34544.	967.	2.88	19127.	491.	2.63	14655.	2.36	13.9	16.9
2021	35401.	857.	2.48	19128.	2.	.01	15478.	2.29	13.0	19.5
2026	36085.	684.	1.93	18918.	-210.	-1.10	16144.	2.24	12.5	22.4
2031	36511.	426.	1.18	18639.	-279.	-1.47	16631.	2.20	12.2	25.1
2036	36639.	127.	.35	18389.	-250.	-1.34	16884.	2.17	11.7	26.5
2041	36480.	-159.	-.43	18103.	-286.	-1.56	16948.	2.15	11.2	27.4
2046	36100.	-380.	-1.04	17710.	-393.	-2.17	16894.	2.14	10.8	28.5
2051	35589.	-511.	-1.42	17210.	-501.	-2.83	16754.	2.12	10.7	29.6

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: Lower Fertility

DATE: 6JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	230.0	48.3	.0	181.7	306.7	234.5	72.3	1.59	1.83
2011	230.0	50.5	.0	179.5	283.6	251.2	32.4	1.57	1.80
2016	230.0	52.4	.0	177.6	279.2	271.1	8.1	1.57	1.81
2021	230.0	54.1	.0	175.9	279.7	295.1	-15.4	1.61	1.85
2026	230.0	55.6	.0	174.4	270.9	326.7	-55.8	1.66	1.91
2031	230.0	56.7	.0	173.3	255.8	367.2	-111.3	1.72	1.96
2036	230.0	57.4	.0	172.6	241.6	412.6	-171.0	1.74	1.99
2041	230.0	57.7	.0	172.3	231.0	455.4	-224.4	1.76	2.02
2046	230.0	57.5	.0	172.5	225.6	487.3	-261.7	1.77	2.04
2051	230.0	57.1	.0	172.9	222.5	504.1	-281.6	1.80	2.07

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA

ID: Lower Fertility

DATE: 6JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.38	9.5	7.3	2.2	78.4	82.6	17.5	20.8	67.8	46.7
2011	1.23	8.5	7.5	1.0	79.5	83.2	18.1	21.2	67.3	46.9
2016	1.20	8.1	7.9	.2	80.4	83.8	18.5	21.5	66.1	46.9
2021	1.20	7.9	8.4	-.4	81.0	84.2	18.9	21.8	64.0	46.7
2026	1.20	7.5	9.1	-1.5	81.5	84.6	19.1	22.1	61.8	46.6
2031	1.20	7.0	10.1	-3.1	81.8	85.0	19.4	22.4	60.1	46.6
2036	1.20	6.6	11.3	-4.7	82.1	85.3	19.5	22.6	58.9	46.6
2041	1.20	6.3	12.5	-6.1	82.4	85.6	19.7	22.8	57.9	46.6
2046	1.20	6.2	13.5	-7.2	82.6	85.9	19.9	23.0	57.0	46.6
2051	1.20	6.2	14.1	-7.9	82.8	86.1	20.0	23.2	56.1	46.5

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA

ID: Lower Fertility

DATE: 6JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	38.0	39.9	42.3	74.4	40.5	40.7	40.2	7.2
2011	40.6	39.7	41.4	43.0	73.9	41.0	41.3	40.7	7.2
2016	42.1	41.2	42.9	43.1	73.2	41.2	41.5	40.9	7.2
2021	43.6	42.8	44.3	43.1	73.3	41.4	41.8	41.0	7.2
2026	45.1	44.4	45.8	43.3	73.6	41.8	42.3	41.4	7.2
2031	46.6	45.9	47.3	43.6	74.3	42.3	42.8	41.9	7.2
2036	47.9	47.1	48.7	44.4	75.4	43.1	43.5	42.6	7.2
2041	49.1	48.3	49.9	45.1	76.3	43.6	44.1	43.1	7.2
2046	50.2	49.3	51.1	45.4	76.4	43.9	44.3	43.3	7.2
2051	50.9	50.0	51.8	45.4	76.1	43.8	44.4	43.2	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
ID: Lower Fertility

DATE: 6JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32432.	17755.	16476.	1209.7	655.6	275.2	232.2	3284.5
2011	33577.	18636.	17294.	1404.0	760.9	324.9	269.5	4002.2
2016	34544.	19127.	17749.	1590.4	861.9	373.3	305.2	4792.5
2021	35401.	19128.	17751.	1754.2	950.6	417.4	336.7	5634.1
2026	36085.	18918.	17556.	1902.7	1031.1	458.0	365.2	6501.8
2031	36511.	18639.	17297.	2029.8	1100.1	493.8	389.6	7376.5
2036	36639.	18389.	17065.	2148.5	1164.4	527.1	412.4	8243.8
2041	36480.	18103.	16800.	2251.9	1220.4	556.7	432.2	9094.4
2046	36101.	17710.	16435.	2337.5	1266.8	581.9	448.6	9916.0
2051	35589.	17210.	15971.	2407.2	1304.5	603.2	462.0	10697.3

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
ID: Lower Fertility

DATE: 6JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.5	9.8	9.8	16.8	19.2	33.4	19.8	19.7
2011	3.5	5.0	5.0	16.1	16.1	18.1	16.1	21.9
2016	2.9	2.6	2.6	13.3	13.3	14.9	13.3	19.7
2021	2.5	.0	.0	10.3	10.3	11.8	10.3	17.6
2026	1.9	-1.1	-1.1	8.5	8.5	9.7	8.5	15.4
2031	1.2	-1.5	-1.5	6.7	6.7	7.8	6.7	13.5
2036	.3	-1.3	-1.3	5.8	5.8	6.7	5.8	11.8
2041	-.4	-1.6	-1.6	4.8	4.8	5.6	4.8	10.3
2046	-1.0	-2.2	-2.2	3.8	3.8	4.5	3.8	9.0
2051	-1.4	-2.8	-2.8	3.0	3.0	3.6	3.0	7.9

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
ID: Lower Fertility

DATE: 6JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	111.7	11.7	54.2	22.7	19.2	.0	7.2	2.7
2011	125.2	12.1	54.2	23.1	19.2	.0	7.2	2.9
2016	137.9	10.1	54.2	23.5	19.2	.0	7.2	3.0
2021	148.4	7.6	54.2	23.8	19.2	.0	7.2	3.2
2026	157.9	6.4	54.2	24.1	19.2	.0	7.2	3.4
2031	166.5	5.4	54.2	24.3	19.2	.0	7.2	3.6
2036	175.6	5.5	54.2	24.5	19.2	.0	7.2	3.8
2041	184.8	5.3	54.2	24.7	19.2	.0	7.2	4.0
2046	193.9	4.9	54.2	24.9	19.2	.0	7.2	4.2
2051	202.5	4.5	54.2	25.1	19.2	.0	7.2	4.4

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
ID: Lower Fertility

DATE: 6JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	106.3	6.3	97.6	-2.4	109.0	9.0
2011	117.6	10.6	92.9	-4.8	126.5	16.1
2016	129.8	10.4	87.9	-5.4	147.6	16.7
2021	143.1	10.3	82.5	-6.2	173.5	17.6
2026	157.0	9.7	77.5	-6.0	202.5	16.7
2031	170.0	8.3	72.9	-6.0	233.2	15.2
2036	182.3	7.3	69.0	-5.3	264.1	13.3
2041	194.1	6.5	65.6	-5.0	296.0	12.1
2046	206.0	6.1	62.4	-4.8	329.9	11.5
2051	218.3	6.0	59.6	-4.5	366.2	11.0

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Lower Fertility

BOTH SEXES
 DATE: 6JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.9	9.5	29.3	12.2	6.2	1.6	11.5	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.8	18.2	10.0	30.4	13.7	7.1	1.5	11.5	21.0	29.1	27.6	8.1	1.2
2016	4.4	13.1	17.7	10.4	31.3	15.1	7.9	1.6	11.4	19.9	30.5	27.2	8.1	1.3
2021	3.4	11.7	17.0	10.8	32.2	16.4	8.5	1.7	11.4	18.8	31.9	26.7	8.1	1.4
2026	2.6	10.7	16.5	11.3	32.8	17.2	8.9	1.8	11.3	17.7	33.4	26.2	8.1	1.5
2031	2.3	10.0	15.6	11.7	33.3	17.9	9.2	1.9	11.2	16.7	34.8	25.7	8.1	1.6
2036	2.0	9.1	14.4	12.4	33.8	18.9	9.5	2.0	11.1	15.6	36.3	25.2	8.1	1.7
2041	1.7	8.2	13.0	13.2	33.9	20.0	9.9	2.1	11.1	14.6	37.7	24.6	8.1	1.8
2046	1.6	7.2	11.6	13.9	34.6	20.8	10.3	2.1	10.7	13.6	39.3	24.2	8.1	1.9
2051	1.5	6.4	11.1	14.9	34.4	21.0	10.5	2.2	10.4	12.7	40.8	23.7	8.2	2.0

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: Higher Immigration

DATE: 6JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32535.	1514.	4.88	17784.	1616.	10.00	12901.	2.52	17.3	13.2
2011	34162.	1627.	5.00	18821.	1037.	5.83	13897.	2.46	16.0	14.3
2016	35750.	1588.	4.65	19478.	657.	3.49	14885.	2.40	15.5	16.3
2021	37245.	1496.	4.18	19680.	202.	1.04	15830.	2.35	15.4	18.6
2026	38571.	1326.	3.56	19777.	97.	.49	16625.	2.32	15.1	21.1
2031	39649.	1077.	2.79	19914.	137.	.69	17269.	2.30	14.6	23.3
2036	40464.	816.	2.06	20119.	204.	1.03	17758.	2.28	14.1	24.3
2041	41056.	592.	1.46	20282.	163.	.81	18121.	2.27	13.8	24.9
2046	41476.	420.	1.02	20326.	44.	.22	18389.	2.26	13.7	25.5
2051	41778.	302.	.73	20271.	-55.	-.27	18580.	2.25	13.7	26.1

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: Higher Immigration

DATE: 6JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	280.0	48.4	.0	231.6	330.2	234.6	95.6	1.59	1.83
2011	280.0	51.2	.0	228.8	346.9	251.7	95.2	1.58	1.82
2016	280.0	54.0	.0	226.0	358.2	272.2	86.1	1.60	1.84
2021	280.0	56.7	.0	223.3	362.2	296.8	65.4	1.65	1.89
2026	280.0	59.2	.0	220.8	355.7	329.2	26.5	1.71	1.95
2031	280.0	61.4	.0	218.6	346.2	370.8	-24.6	1.76	1.99
2036	280.0	63.2	.0	216.8	344.6	417.6	-73.0	1.78	2.01
2041	280.0	64.6	.0	215.4	350.0	462.4	-112.3	1.78	2.02
2046	280.0	65.8	.0	214.2	355.5	496.7	-141.2	1.79	2.04
2051	280.0	66.8	.0	213.2	356.9	516.7	-159.8	1.81	2.06

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA
ID: Higher Immigration

DATE: 6JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.50	10.2	7.2	3.0	78.4	82.6	17.5	20.8	67.9	46.7
2011	1.50	10.2	7.4	2.8	79.5	83.2	18.1	21.2	67.4	46.9
2016	1.50	10.1	7.6	2.4	80.4	83.8	18.5	21.5	66.3	47.0
2021	1.50	9.8	8.0	1.8	81.0	84.2	18.9	21.8	64.3	46.8
2026	1.50	9.3	8.6	.7	81.5	84.6	19.1	22.1	62.3	46.7
2031	1.50	8.8	9.4	-.6	81.8	85.0	19.4	22.4	60.8	46.7
2036	1.50	8.5	10.3	-1.8	82.1	85.3	19.5	22.6	59.9	46.8
2041	1.50	8.5	11.3	-2.7	82.4	85.6	19.7	22.8	59.3	46.8
2046	1.50	8.6	12.0	-3.4	82.6	85.9	19.9	23.0	58.8	46.7
2051	1.50	8.5	12.4	-3.8	82.8	86.1	20.0	23.2	58.2	46.7

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA
ID: Higher Immigration

DATE: 6JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	37.9	39.8	42.3	74.4	40.5	40.7	40.2	7.2
2011	40.1	39.2	41.0	42.9	73.9	40.9	41.2	40.6	7.2
2016	41.1	40.3	41.9	42.9	73.2	41.1	41.4	40.7	7.2
2021	42.2	41.5	42.9	42.9	73.3	41.2	41.6	40.8	7.2
2026	43.4	42.7	44.1	43.1	73.6	41.5	42.0	41.1	7.2
2031	44.5	43.8	45.2	43.2	74.2	41.8	42.2	41.3	7.2
2036	45.4	44.7	46.2	43.7	75.3	42.2	42.6	41.7	7.2
2041	46.2	45.4	47.0	44.0	76.2	42.3	42.8	41.8	7.2
2046	46.6	45.7	47.5	43.8	76.2	42.2	42.6	41.7	7.2
2051	46.6	45.6	47.6	43.6	75.9	42.0	42.5	41.5	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
ID: Higher Immigration

DATE: 6JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32535.	17784.	16504.	1211.3	656.5	275.4	232.5	3284.5
2011	34162.	18822.	17466.	1415.2	766.9	327.1	271.6	4006.9
2016	35750.	19478.	18076.	1614.4	874.9	378.2	309.9	4810.8
2021	37245.	19680.	18263.	1794.8	972.7	425.9	344.5	5677.0
2026	38571.	19777.	18353.	1965.4	1065.1	471.4	377.2	6582.5
2031	39649.	19914.	18481.	2122.4	1150.2	513.9	407.4	7512.3
2036	40464.	20119.	18670.	2281.1	1236.2	556.2	437.8	8457.5
2041	41056.	20282.	18822.	2435.2	1319.8	597.2	467.4	9415.1
2046	41477.	20326.	18862.	2581.3	1398.9	636.4	495.4	10378.3
2051	41778.	20271.	18812.	2720.5	1474.3	673.9	522.1	11339.3

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
ID: Higher Immigration

DATE: 6JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.9	10.0	10.0	16.9	19.3	33.5	19.9	19.7
2011	5.0	5.8	5.8	16.8	16.8	18.7	16.8	22.0
2016	4.6	3.5	3.5	14.1	14.1	15.6	14.1	20.1
2021	4.2	1.0	1.0	11.2	11.2	12.6	11.2	18.0
2026	3.6	.5	.5	9.5	9.5	10.7	9.5	16.0
2031	2.8	.7	.7	8.0	8.0	9.0	8.0	14.1
2036	2.1	1.0	1.0	7.5	7.5	8.2	7.5	12.6
2041	1.5	.8	.8	6.8	6.8	7.4	6.8	11.3
2046	1.0	.2	.2	6.0	6.0	6.6	6.0	10.2
2051	.7	-.3	-.3	5.4	5.4	5.9	5.4	9.3

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
 ID: Higher Immigration

DATE: 6JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	111.5	11.5	54.2	22.7	19.2	.0	7.2	2.7
2011	124.0	11.3	54.2	23.1	19.2	.0	7.2	2.8
2016	135.2	9.0	54.2	23.4	19.2	.0	7.2	3.0
2021	144.3	6.7	54.2	23.7	19.2	.0	7.2	3.2
2026	152.6	5.7	54.2	24.0	19.2	.0	7.2	3.3
2031	160.3	5.1	54.2	24.2	19.2	.0	7.2	3.5
2036	168.8	5.3	54.2	24.4	19.2	.0	7.2	3.7
2041	177.6	5.2	54.2	24.5	19.2	.0	7.2	3.9
2046	186.4	4.9	54.2	24.7	19.2	.0	7.2	4.0
2051	195.0	4.6	54.2	24.8	19.2	.0	7.2	4.2

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
 ID: Higher Immigration

DATE: 6JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	106.3	6.3	97.7	-2.3	108.8	8.8
2011	117.3	10.4	93.6	-4.2	125.4	15.3
2016	129.4	10.2	88.9	-5.0	145.5	16.0
2021	142.3	10.0	83.8	-5.8	169.9	16.8
2026	155.1	9.0	79.1	-5.6	196.1	15.4
2031	166.3	7.2	74.8	-5.4	222.2	13.3
2036	177.0	6.4	71.5	-4.5	247.7	11.4
2041	187.4	5.9	68.5	-4.1	273.5	10.4
2046	198.2	5.8	65.9	-3.8	300.8	10.0
2051	209.5	5.7	63.6	-3.5	329.6	9.6

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Higher Immigration

BOTH SEXES
 DATE: 6JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.8	9.5	29.3	12.2	6.3	1.6	11.6	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.7	18.2	10.0	30.3	13.8	7.2	1.5	11.6	20.9	29.1	27.5	8.1	1.3
2016	4.4	13.1	17.6	10.4	31.1	15.3	8.1	1.6	11.6	19.8	30.6	27.0	8.1	1.4
2021	3.4	11.8	16.8	10.8	31.8	16.6	8.8	1.7	11.5	18.6	32.1	26.4	8.1	1.5
2026	2.6	11.0	16.2	11.4	32.2	17.3	9.2	1.9	11.5	17.5	33.6	25.9	8.1	1.6
2031	2.3	10.5	15.3	12.0	32.5	18.0	9.4	2.0	11.4	16.5	35.1	25.3	8.1	1.7
2036	2.0	9.6	14.1	12.8	32.8	18.9	9.7	2.0	11.3	15.4	36.5	24.8	8.1	1.8
2041	1.7	8.7	12.6	13.7	32.9	20.1	10.3	2.1	11.2	14.4	38.0	24.2	8.1	1.9
2046	1.6	7.6	11.2	14.4	33.4	21.0	10.8	2.2	10.9	13.4	39.5	23.8	8.2	2.0
2051	1.6	6.9	10.6	15.5	33.1	21.2	11.0	2.3	10.5	12.5	41.0	23.4	8.2	2.1

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA

ID: Lower Immigration

DATE: 6JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32435.	1414.	4.56	17725.	1557.	9.63	12868.	2.52	17.3	13.2
2011	33537.	1102.	3.40	18449.	724.	4.09	13686.	2.45	15.9	14.5
2016	34565.	1027.	3.06	18769.	320.	1.74	14475.	2.39	15.3	16.8
2021	35476.	911.	2.64	18619.	-150.	-.80	15203.	2.33	15.0	19.3
2026	36200.	724.	2.04	18352.	-268.	-1.44	15763.	2.30	14.7	22.2
2031	36662.	462.	1.28	18123.	-228.	-1.24	16157.	2.27	14.2	24.7
2036	36850.	188.	.51	17979.	-145.	-.80	16379.	2.25	13.7	26.0
2041	36807.	-43.	-.12	17822.	-157.	-.87	16461.	2.24	13.3	26.6
2046	36590.	-216.	-.59	17574.	-248.	-1.39	16440.	2.23	13.2	27.3
2051	36265.	-325.	-.89	17247.	-328.	-1.86	16342.	2.22	13.2	27.8

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA

ID: Lower Immigration

DATE: 6JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	180.0	48.4	.0	131.6	330.2	234.6	95.6	1.59	1.83
2011	180.0	50.4	.0	129.6	337.1	250.9	86.2	1.58	1.82
2016	180.0	52.4	.0	127.6	340.5	270.4	70.1	1.60	1.84
2021	180.0	54.2	.0	125.8	338.2	293.8	44.4	1.65	1.91
2026	180.0	55.8	.0	124.2	326.0	324.6	1.4	1.73	1.97
2031	180.0	57.0	.0	123.0	310.8	364.1	-53.2	1.79	2.02
2036	180.0	57.7	.0	122.3	303.4	408.2	-104.8	1.81	2.05
2041	180.0	58.1	.0	121.9	302.9	449.2	-146.4	1.82	2.07
2046	180.0	58.2	.0	121.8	303.0	478.7	-175.8	1.83	2.08
2051	180.0	58.1	.0	121.9	299.9	492.4	-192.6	1.84	2.10

Note: NPR is non-permanent residents; TPOP is total population; P20-64 is population aged 20 to 64; LF is total labour force. All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA

ID: Lower Immigration

DATE: 6JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.50	10.2	7.3	3.0	78.4	82.6	17.5	20.8	67.8	46.7
2011	1.50	10.1	7.5	2.6	79.5	83.2	18.1	21.2	67.2	46.8
2016	1.50	9.9	7.8	2.0	80.4	83.8	18.5	21.5	65.9	46.9
2021	1.50	9.6	8.3	1.3	81.0	84.2	18.9	21.8	63.6	46.7
2026	1.50	9.0	9.0	.0	81.5	84.6	19.1	22.1	61.3	46.6
2031	1.50	8.5	9.9	-1.5	81.8	85.0	19.4	22.4	59.6	46.6
2036	1.50	8.2	11.1	-2.8	82.1	85.3	19.5	22.6	58.5	46.6
2041	1.50	8.2	12.2	-4.0	82.4	85.6	19.7	22.8	57.9	46.5
2046	1.50	8.3	13.1	-4.8	82.6	85.9	19.9	23.0	57.3	46.5
2051	1.50	8.3	13.6	-5.3	82.8	86.1	20.0	23.2	56.8	46.4

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA

ID: Lower Immigration

DATE: 6JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	38.0	39.9	42.3	74.4	40.5	40.7	40.3	7.2
2011	40.4	39.5	41.4	43.2	74.0	41.1	41.4	40.8	7.2
2016	41.7	40.9	42.6	43.3	73.2	41.4	41.7	41.1	7.2
2021	43.0	42.2	43.8	43.3	73.3	41.5	41.9	41.1	7.2
2026	44.3	43.5	45.1	43.4	73.6	41.8	42.2	41.3	7.2
2031	45.5	44.7	46.4	43.5	74.3	42.0	42.5	41.6	7.2
2036	46.5	45.7	47.4	43.9	75.4	42.5	42.9	42.0	7.2
2041	47.5	46.5	48.4	44.3	76.4	42.7	43.1	42.1	7.2
2046	48.0	46.9	49.0	44.2	76.5	42.5	43.0	41.9	7.2
2051	48.0	46.9	49.1	43.9	76.3	42.3	42.8	41.7	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Lower Immigration

DATE: 6JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32435.	17725.	16449.	1208.2	654.8	274.9	231.9	3284.5
2011	33538.	18449.	17121.	1392.7	754.7	322.7	267.3	3997.6
2016	34565.	18769.	17418.	1565.9	848.6	368.3	300.5	4773.9
2021	35476.	18619.	17279.	1713.3	928.5	408.8	328.8	5590.6
2026	36200.	18352.	17030.	1844.3	999.5	445.4	354.0	6421.3
2031	36662.	18124.	16819.	1957.4	1060.8	477.6	375.7	7249.4
2036	36850.	17979.	16684.	2069.0	1121.3	508.7	397.1	8065.9
2041	36807.	17822.	16539.	2173.9	1178.1	537.9	417.2	8869.3
2046	36591.	17574.	16309.	2268.8	1229.5	564.5	435.4	9654.3
2051	36265.	17247.	16005.	2353.9	1275.7	588.6	451.8	10414.3

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Lower Immigration

DATE: 6JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.6	9.6	9.6	16.6	19.0	33.2	19.6	19.7
2011	3.4	4.1	4.1	15.3	15.3	17.4	15.3	21.7
2016	3.1	1.7	1.7	12.4	12.4	14.2	12.4	19.4
2021	2.6	-.8	-.8	9.4	9.4	11.0	9.4	17.1
2026	2.0	-1.4	-1.4	7.7	7.7	8.9	7.7	14.9
2031	1.3	-1.2	-1.2	6.1	6.1	7.2	6.1	12.9
2036	.5	-.8	-.8	5.7	5.7	6.5	5.7	11.3
2041	-.1	-.9	-.9	5.1	5.1	5.7	5.1	10.0
2046	-.6	-1.4	-1.4	4.4	4.4	4.9	4.4	8.9
2051	-.9	-1.9	-1.9	3.8	3.8	4.3	3.8	7.9

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
 ID: Lower Immigration

DATE: 6JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	111.5	11.5	54.2	22.8	19.2	.0	7.2	2.7
2011	124.3	11.5	54.2	23.2	19.2	.0	7.2	2.9
2016	135.7	9.1	54.2	23.5	19.2	.0	7.2	3.0
2021	144.6	6.6	54.2	23.9	19.2	.0	7.2	3.3
2026	152.6	5.5	54.2	24.1	19.2	.0	7.2	3.5
2031	159.9	4.8	54.2	24.4	19.2	.0	7.2	3.7
2036	168.1	5.2	54.2	24.6	19.2	.0	7.2	3.9
2041	176.9	5.2	54.2	24.7	19.2	.0	7.2	4.1
2046	185.7	5.0	54.2	24.9	19.2	.0	7.2	4.3
2051	194.4	4.7	54.2	25.0	19.2	.0	7.2	4.4

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
 ID: Lower Immigration

DATE: 6JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	106.4	6.4	97.4	-2.6	109.2	9.2
2011	117.8	10.7	92.3	-5.3	127.7	16.9
2016	130.2	10.5	86.9	-5.8	149.8	17.4
2021	143.6	10.3	81.2	-6.6	176.9	18.0
2026	156.8	9.2	76.1	-6.3	206.1	16.5
2031	168.6	7.5	71.5	-6.0	235.7	14.3
2036	179.6	6.6	68.0	-5.0	264.3	12.2
2041	190.4	6.0	64.9	-4.4	293.2	10.9
2046	201.5	5.8	62.3	-4.1	323.6	10.4
2051	213.0	5.7	59.9	-3.8	355.7	9.9

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Lower Immigration

BOTH SEXES
 DATE: 6JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.9	9.5	29.4	12.2	6.2	1.6	11.5	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.8	18.3	10.0	30.6	13.6	6.9	1.5	11.4	21.0	29.0	27.7	8.1	1.2
2016	4.4	13.2	17.8	10.4	31.5	14.9	7.7	1.5	11.3	20.0	30.4	27.4	8.1	1.3
2021	3.4	11.9	17.2	10.8	32.5	16.1	8.2	1.6	11.2	19.0	31.7	27.0	8.0	1.4
2026	2.6	11.1	16.7	11.4	33.0	16.8	8.5	1.7	11.1	18.0	33.1	26.6	8.0	1.5
2031	2.2	10.6	15.8	12.0	33.4	17.3	8.7	1.8	11.0	17.0	34.5	26.2	8.0	1.5
2036	2.0	9.6	14.6	12.7	33.8	18.2	9.0	1.8	10.8	16.0	35.9	25.8	8.0	1.6
2041	1.7	8.7	13.2	13.5	34.0	19.4	9.4	1.9	10.7	15.0	37.2	25.5	8.0	1.7
2046	1.5	7.6	11.7	14.3	34.7	20.2	9.9	2.0	10.3	14.1	38.6	25.2	8.1	1.8
2051	1.5	6.9	11.2	15.3	34.6	20.4	10.1	2.0	9.9	13.2	40.0	24.9	8.1	1.9

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: Higher Life Expectancy

DATE: 6JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32486.	1465.	4.72	17755.	1587.	9.82	12885.	2.52	17.3	13.2
2011	33858.	1372.	4.22	18637.	882.	4.97	13796.	2.45	15.9	14.4
2016	35182.	1324.	3.91	19129.	492.	2.64	14695.	2.39	15.4	16.6
2021	36417.	1234.	3.51	19161.	32.	.17	15551.	2.34	15.2	19.0
2026	37492.	1076.	2.95	19083.	-78.	-.41	16260.	2.31	14.9	21.8
2031	38336.	843.	2.25	19047.	-36.	-.19	16825.	2.28	14.4	24.3
2036	38931.	596.	1.55	19087.	40.	.21	17239.	2.26	13.8	25.5
2041	39311.	380.	.98	19101.	14.	.07	17526.	2.24	13.4	26.3
2046	39520.	209.	.53	19009.	-92.	-.48	17716.	2.23	13.3	27.1
2051	39607.	88.	.22	18826.	-183.	-.96	17824.	2.22	13.3	27.8

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: Higher Life Expectancy

DATE: 6JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	230.0	48.4	.0	181.6	330.2	234.0	96.2	1.59	1.83
2011	230.0	50.8	.0	179.2	342.0	249.3	92.7	1.58	1.82
2016	230.0	53.2	.0	176.8	349.4	266.9	82.5	1.60	1.84
2021	230.0	55.5	.0	174.5	350.2	287.6	62.5	1.65	1.90
2026	230.0	57.6	.0	172.4	340.9	314.9	26.0	1.72	1.96
2031	230.0	59.4	.0	170.6	328.6	350.7	-22.1	1.78	2.01
2036	230.0	60.9	.0	169.1	324.1	392.6	-68.5	1.80	2.04
2041	230.0	61.9	.0	168.1	326.6	433.8	-107.3	1.81	2.06
2046	230.0	62.8	.0	167.2	329.4	466.1	-136.7	1.83	2.08
2051	230.0	63.4	.0	166.6	328.6	484.8	-156.2	1.85	2.10

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA
 ID: Higher Life Expectancy

DATE: 6JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.50	10.2	7.2	3.0	78.4	82.7	17.5	20.8	67.8	46.7
2011	1.50	10.1	7.4	2.7	79.7	83.4	18.1	21.3	67.3	46.9
2016	1.50	10.0	7.6	2.4	80.6	84.0	18.7	21.7	66.1	46.9
2021	1.50	9.6	7.9	1.7	81.4	84.7	19.1	22.1	63.9	46.7
2026	1.50	9.1	8.4	.7	82.1	85.3	19.5	22.6	61.7	46.6
2031	1.50	8.6	9.2	-.6	82.6	85.9	19.8	23.0	60.0	46.6
2036	1.50	8.3	10.1	-1.8	83.1	86.4	20.2	23.4	58.9	46.6
2041	1.50	8.3	11.0	-2.7	83.5	86.9	20.5	23.7	58.2	46.6
2046	1.50	8.3	11.8	-3.5	83.9	87.4	20.7	24.1	57.5	46.6
2051	1.50	8.3	12.2	-3.9	84.3	87.8	21.0	24.4	56.9	46.5

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA
 ID: Higher Life Expectancy

DATE: 6JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	37.9	39.8	42.3	74.4	40.5	40.7	40.2	7.2
2011	40.3	39.4	41.2	43.0	73.9	41.0	41.3	40.7	7.2
2016	41.4	40.6	42.3	43.1	73.2	41.2	41.5	40.9	7.2
2021	42.6	41.9	43.4	43.1	73.3	41.4	41.8	41.0	7.2
2026	43.9	43.2	44.7	43.3	73.7	41.7	42.1	41.2	7.2
2031	45.1	44.4	45.9	43.4	74.4	41.9	42.4	41.5	7.2
2036	46.2	45.4	47.0	43.8	75.5	42.3	42.8	41.9	7.2
2041	47.1	46.3	48.0	44.2	76.5	42.5	43.0	42.0	7.2
2046	47.7	46.7	48.7	44.0	76.7	42.4	42.9	41.8	7.2
2051	47.8	46.8	48.9	43.8	76.5	42.2	42.7	41.6	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Higher Life Expectancy

DATE: 6JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32486.	17755.	16477.	1209.8	655.6	275.2	232.2	3284.5
2011	33858.	18637.	17295.	1404.1	760.9	324.9	269.5	4002.3
2016	35182.	19129.	17752.	1590.6	862.0	373.4	305.3	4792.6
2021	36417.	19161.	17782.	1754.9	951.1	417.5	336.8	5634.5
2026	37492.	19083.	17709.	1906.5	1033.2	458.7	365.9	6503.6
2031	38336.	19047.	17676.	2042.5	1106.9	496.3	392.0	7384.1
2036	38931.	19087.	17713.	2178.8	1180.8	533.3	418.2	8267.2
2041	39311.	19101.	17726.	2309.6	1251.7	568.7	443.3	9150.8
2046	39520.	19009.	17641.	2431.4	1317.7	601.9	466.7	10028.7
2051	39607.	18826.	17471.	2544.8	1379.1	633.0	488.4	10893.7

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Higher Life Expectancy

DATE: 6JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.7	9.8	9.8	16.8	19.2	33.4	19.8	19.7
2011	4.2	5.0	5.0	16.1	16.1	18.1	16.1	21.9
2016	3.9	2.6	2.6	13.3	13.3	14.9	13.3	19.7
2021	3.5	.2	.2	10.3	10.3	11.8	10.3	17.6
2026	3.0	-.4	-.4	8.6	8.6	9.9	8.6	15.4
2031	2.2	-.2	-.2	7.1	7.1	8.2	7.1	13.5
2036	1.6	.2	.2	6.7	6.7	7.4	6.7	12.0
2041	1.0	.1	.1	6.0	6.0	6.6	6.0	10.7
2046	.5	-.5	-.5	5.3	5.3	5.8	5.3	9.6
2051	.2	-1.0	-1.0	4.7	4.7	5.2	4.7	8.6

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES

ID: Higher Life Expectancy

DATE: 6JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	111.5	11.5	54.2	22.7	19.2	.0	7.2	2.7
2011	124.2	11.4	54.2	23.1	19.2	.0	7.2	2.9
2016	135.4	9.0	54.2	23.5	19.2	.0	7.2	3.0
2021	144.3	6.6	54.2	23.8	19.2	.0	7.2	3.2
2026	152.3	5.5	54.2	24.1	19.2	.0	7.2	3.4
2031	159.5	4.8	54.2	24.3	19.2	.0	7.2	3.6
2036	167.6	5.0	54.2	24.5	19.2	.0	7.2	3.8
2041	175.9	5.0	54.2	24.6	19.2	.0	7.2	4.0
2046	184.2	4.7	54.2	24.8	19.2	.0	7.2	4.1
2051	192.4	4.4	54.2	24.9	19.2	.0	7.2	4.3

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES

ID: Higher Life Expectancy

DATE: 6JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	106.3	6.3	97.6	-2.4	109.0	9.0
2011	117.6	10.6	92.9	-4.8	126.5	16.1
2016	129.8	10.4	87.9	-5.4	147.6	16.7
2021	142.9	10.2	82.5	-6.2	173.2	17.4
2026	155.9	9.1	77.7	-5.9	200.8	15.9
2031	167.4	7.3	73.3	-5.6	228.4	13.8
2036	178.2	6.4	69.8	-4.7	255.2	11.7
2041	188.7	5.9	66.9	-4.2	282.2	10.6
2046	199.6	5.8	64.2	-3.9	310.8	10.1
2051	211.0	5.7	61.9	-3.6	340.9	9.7

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Higher Life Expectancy

BOTH SEXES
 DATE: 6JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.9	9.5	29.3	12.2	6.2	1.6	11.5	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.8	18.2	10.0	30.4	13.7	7.1	1.5	11.5	21.0	29.1	27.6	8.1	1.2
2016	4.4	13.1	17.7	10.4	31.3	15.1	7.9	1.6	11.4	19.9	30.5	27.2	8.1	1.3
2021	3.4	11.8	17.0	10.8	32.1	16.3	8.5	1.7	11.4	18.8	31.9	26.7	8.1	1.4
2026	2.6	11.1	16.5	11.4	32.6	17.0	8.8	1.8	11.3	17.7	33.4	26.2	8.1	1.5
2031	2.3	10.5	15.6	12.0	33.0	17.6	9.1	1.9	11.2	16.7	34.8	25.8	8.1	1.6
2036	2.0	9.6	14.4	12.7	33.3	18.6	9.3	1.9	11.1	15.7	36.2	25.3	8.1	1.7
2041	1.7	8.7	12.9	13.5	33.5	19.8	9.8	2.0	11.0	14.7	37.6	24.8	8.1	1.8
2046	1.6	7.6	11.5	14.2	34.2	20.6	10.3	2.1	10.6	13.8	39.1	24.5	8.1	1.9
2051	1.5	6.9	11.0	15.3	34.0	20.8	10.6	2.2	10.3	12.9	40.5	24.1	8.1	2.0

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
ID: Lower Life Expectancy

DATE: 6JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32484.	1463.	4.71	17754.	1586.	9.81	12884.	2.52	17.3	13.2
2011	33842.	1358.	4.18	18633.	879.	4.95	13787.	2.45	15.9	14.4
2016	35132.	1290.	3.81	19118.	485.	2.60	14665.	2.40	15.4	16.5
2021	36303.	1171.	3.33	19138.	20.	.10	15481.	2.34	15.2	18.9
2026	37276.	972.	2.68	19044.	-94.	-.49	16125.	2.31	14.9	21.5
2031	37966.	691.	1.85	18988.	-56.	-.29	16596.	2.29	14.5	23.7
2036	38367.	401.	1.06	19006.	17.	.09	16888.	2.27	14.0	24.6
2041	38526.	159.	.41	18995.	-10.	-.05	17039.	2.26	13.7	25.1
2046	38509.	-17.	-.04	18880.	-115.	-.61	17090.	2.25	13.6	25.5
2051	38385.	-125.	-.32	18677.	-203.	-1.08	17067.	2.25	13.7	25.9

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
ID: Lower Life Expectancy

DATE: 6JUL2005

YEAR	IMMI- GRA-TION	EMI- GRA-TION	CHANGE IN NPR	NET IN-FLOW	BIRTHS	DEATHS	NAT-URAL INC-REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	230.0	48.4	.0	181.6	330.2	235.1	95.1	1.59	1.83
2011	230.0	50.8	.0	179.2	342.0	253.4	88.6	1.58	1.82
2016	230.0	53.2	.0	176.8	349.3	275.7	73.6	1.60	1.84
2021	230.0	55.4	.0	174.6	350.1	303.2	46.9	1.65	1.90
2026	230.0	57.3	.0	172.7	340.8	339.6	1.2	1.71	1.96
2031	230.0	58.9	.0	171.1	328.4	385.3	-56.9	1.77	2.00
2036	230.0	60.0	.0	170.0	323.9	434.9	-111.1	1.78	2.02
2041	230.0	60.8	.0	169.2	326.3	479.9	-153.6	1.78	2.03
2046	230.0	61.2	.0	168.8	329.0	511.8	-182.7	1.79	2.04
2051	230.0	61.5	.0	168.5	328.1	527.2	-199.1	1.80	2.06

Note: NPR is non-permanent residents; TPOP is total population;
P20-64 is population aged 20 to 64; LF is total labour force.
All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA

ID: Lower Life Expectancy

DATE: 6JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.50	10.2	7.3	2.9	78.4	82.6	17.4	20.8	67.8	46.7
2011	1.50	10.1	7.5	2.6	79.4	83.1	18.0	21.1	67.3	46.9
2016	1.50	10.0	7.9	2.1	80.1	83.5	18.4	21.4	66.1	46.9
2021	1.50	9.7	8.4	1.3	80.6	83.8	18.6	21.5	64.0	46.7
2026	1.50	9.2	9.1	.0	80.8	84.0	18.8	21.7	62.0	46.7
2031	1.50	8.7	10.2	-1.5	80.9	84.1	18.8	21.7	60.4	46.7
2036	1.50	8.4	11.3	-2.9	81.0	84.2	18.9	21.8	59.6	46.7
2041	1.50	8.5	12.5	-4.0	81.1	84.2	18.9	21.8	59.1	46.7
2046	1.50	8.5	13.3	-4.7	81.1	84.3	18.9	21.9	58.8	46.7
2051	1.50	8.5	13.7	-5.2	81.1	84.3	18.9	21.9	58.4	46.6

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA

ID: Lower Life Expectancy

DATE: 6JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	37.9	39.8	42.3	74.4	40.5	40.7	40.2	7.2
2011	40.3	39.4	41.2	43.0	73.9	41.0	41.3	40.7	7.2
2016	41.4	40.6	42.3	43.1	73.2	41.2	41.5	40.9	7.2
2021	42.5	41.8	43.3	43.1	73.3	41.4	41.8	41.0	7.2
2026	43.7	43.0	44.5	43.3	73.6	41.6	42.1	41.2	7.2
2031	44.8	44.0	45.6	43.3	74.2	41.9	42.3	41.4	7.2
2036	45.7	44.9	46.5	43.8	75.2	42.3	42.7	41.8	7.2
2041	46.4	45.6	47.3	44.1	76.1	42.4	42.9	41.9	7.2
2046	46.7	45.8	47.7	43.9	76.1	42.2	42.7	41.7	7.2
2051	46.6	45.6	47.6	43.7	75.7	42.0	42.5	41.6	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Lower Life Expectancy

DATE: 6JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32484.	17754.	16476.	1209.7	655.6	275.1	232.2	3284.5
2011	33842.	18633.	17292.	1403.8	760.8	324.9	269.4	4002.2
2016	35132.	19118.	17742.	1589.8	861.6	373.2	305.1	4792.2
2021	36303.	19138.	17760.	1753.2	950.2	417.2	336.5	5633.2
2026	37276.	19044.	17673.	1903.4	1031.5	458.1	365.3	6500.5
2031	37966.	18988.	17621.	2037.5	1104.2	495.3	391.1	7378.0
2036	38367.	19006.	17637.	2171.4	1176.8	531.7	416.8	8256.7
2041	38526.	18995.	17628.	2299.3	1246.1	566.4	441.3	9134.0
2046	38510.	18880.	17521.	2418.1	1310.4	598.9	464.1	10003.9
2051	38385.	18677.	17332.	2528.4	1370.2	629.2	485.3	10859.2

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Lower Life Expectancy

DATE: 6JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.7	9.8	9.8	16.8	19.2	33.4	19.8	19.7
2011	4.2	5.0	5.0	16.0	16.0	18.1	16.0	21.8
2016	3.8	2.6	2.6	13.2	13.2	14.9	13.2	19.7
2021	3.3	.1	.1	10.3	10.3	11.8	10.3	17.5
2026	2.7	-.5	-.5	8.6	8.6	9.8	8.6	15.4
2031	1.9	-.3	-.3	7.0	7.0	8.1	7.0	13.5
2036	1.1	.1	.1	6.6	6.6	7.4	6.6	11.9
2041	.4	-.1	-.1	5.9	5.9	6.5	5.9	10.6
2046	.0	-.6	-.6	5.2	5.2	5.7	5.2	9.5
2051	-.3	-1.1	-1.1	4.6	4.6	5.1	4.6	8.5

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
 ID: Lower Life Expectancy

DATE: 6JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	111.5	11.5	54.2	22.7	19.2	.0	7.2	2.7
2011	124.2	11.4	54.2	23.1	19.2	.0	7.2	2.9
2016	135.5	9.1	54.2	23.5	19.2	.0	7.2	3.0
2021	144.6	6.7	54.2	23.8	19.2	.0	7.2	3.2
2026	152.9	5.7	54.2	24.1	19.2	.0	7.2	3.4
2031	160.7	5.1	54.2	24.3	19.2	.0	7.2	3.6
2036	169.5	5.5	54.2	24.5	19.2	.0	7.2	3.8
2041	178.7	5.5	54.2	24.6	19.2	.0	7.2	4.0
2046	188.0	5.2	54.2	24.8	19.2	.0	7.2	4.1
2051	197.2	4.9	54.2	24.9	19.2	.0	7.2	4.3

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
 ID: Lower Life Expectancy

DATE: 6JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	106.3	6.3	97.6	-2.4	109.0	9.0
2011	117.6	10.6	92.9	-4.8	126.5	16.1
2016	129.8	10.4	87.9	-5.4	147.7	16.7
2021	143.0	10.2	82.4	-6.2	173.4	17.4
2026	156.0	9.1	77.6	-5.9	201.1	16.0
2031	167.5	7.4	73.2	-5.7	228.9	13.8
2036	178.3	6.5	69.7	-4.8	255.9	11.8
2041	188.9	5.9	66.7	-4.3	283.3	10.7
2046	199.9	5.8	64.0	-4.0	312.2	10.2
2051	211.3	5.7	61.7	-3.7	342.5	9.7

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Lower Life Expectancy

BOTH SEXES
 DATE: 6JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.9	9.5	29.3	12.2	6.2	1.6	11.5	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.8	18.2	10.0	30.4	13.7	7.1	1.5	11.5	21.0	29.1	27.6	8.1	1.2
2016	4.4	13.1	17.7	10.4	31.3	15.1	7.9	1.6	11.4	19.9	30.5	27.2	8.1	1.3
2021	3.4	11.8	17.0	10.8	32.1	16.4	8.5	1.7	11.4	18.8	31.9	26.7	8.1	1.4
2026	2.6	11.1	16.4	11.4	32.6	17.1	8.9	1.8	11.3	17.7	33.4	26.2	8.1	1.5
2031	2.3	10.5	15.5	12.0	32.9	17.7	9.1	1.9	11.2	16.7	34.8	25.8	8.1	1.6
2036	2.0	9.6	14.3	12.8	33.3	18.6	9.4	1.9	11.1	15.7	36.2	25.3	8.1	1.7
2041	1.7	8.7	12.8	13.7	33.4	19.8	9.9	2.0	11.0	14.7	37.6	24.8	8.1	1.8
2046	1.6	7.7	11.4	14.4	34.0	20.6	10.4	2.1	10.6	13.8	39.1	24.5	8.1	1.9
2051	1.5	7.0	10.8	15.5	33.7	20.8	10.6	2.2	10.3	12.9	40.5	24.1	8.1	2.0

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: Rapid Population Growth

DATE: 7JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32642.	1621.	5.22	17785.	1617.	10.00	12906.	2.53	17.6	13.2
2011	34717.	2076.	6.36	18822.	1037.	5.83	13926.	2.49	17.3	14.1
2016	37014.	2297.	6.62	19479.	656.	3.49	14952.	2.48	18.4	15.8
2021	39250.	2236.	6.04	19735.	256.	1.32	15943.	2.46	19.3	17.7
2026	41335.	2085.	5.31	20090.	355.	1.80	16794.	2.46	19.3	19.9
2031	43226.	1892.	4.58	20710.	620.	3.09	17552.	2.46	18.5	21.7
2036	45012.	1786.	4.13	21496.	786.	3.79	18310.	2.46	18.0	22.4
2041	46802.	1790.	3.98	22267.	771.	3.59	19070.	2.45	18.0	22.5
2046	48597.	1795.	3.84	22936.	669.	3.01	19780.	2.46	18.5	22.6
2051	50349.	1753.	3.61	23588.	652.	2.84	20435.	2.46	19.0	22.7

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: Rapid Population Growth

DATE: 7JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	280.0	48.5	.0	231.5	376.8	234.2	142.6	1.59	1.84
2011	280.0	51.9	.0	228.1	464.7	250.0	214.7	1.61	1.84
2016	280.0	55.7	.0	224.3	501.4	268.1	233.3	1.66	1.90
2021	280.0	59.6	.0	220.4	507.0	289.3	217.7	1.73	1.99
2026	280.0	63.3	.0	216.7	501.8	317.3	184.5	1.82	2.06
2031	280.0	66.7	.0	213.3	506.4	354.1	152.3	1.87	2.09
2036	280.0	70.0	.0	210.0	542.6	397.3	145.2	1.87	2.09
2041	280.0	73.3	.0	206.7	593.5	440.3	153.3	1.87	2.10
2046	280.0	76.7	.0	203.3	628.3	474.7	153.6	1.89	2.12
2051	280.0	80.0	.0	200.0	642.4	496.2	146.2	1.90	2.13

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA

ID: Rapid Population Growth

DATE: 7JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.74	11.6	7.2	4.4	78.4	82.7	17.5	20.8	67.9	46.7
2011	2.04	13.5	7.2	6.2	79.7	83.4	18.1	21.3	67.4	46.9
2016	2.10	13.6	7.3	6.3	80.6	84.0	18.7	21.7	66.3	47.0
2021	2.10	13.0	7.4	5.6	81.4	84.7	19.1	22.1	64.2	46.8
2026	2.10	12.2	7.7	4.5	82.1	85.3	19.5	22.6	62.1	46.7
2031	2.10	11.8	8.2	3.5	82.6	85.9	19.8	23.0	60.7	46.8
2036	2.10	12.1	8.9	3.2	83.1	86.4	20.2	23.4	60.2	46.8
2041	2.10	12.7	9.4	3.3	83.5	86.9	20.5	23.7	60.1	46.8
2046	2.10	13.0	9.8	3.2	83.9	87.4	20.7	24.1	60.0	46.7
2051	2.10	12.8	9.9	2.9	84.3	87.8	21.0	24.4	59.9	46.7

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA

ID: Rapid Population Growth

DATE: 7JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.7	37.8	39.7	42.3	74.4	40.5	40.7	40.2	7.2
2011	39.5	38.6	40.4	42.9	73.9	40.9	41.2	40.6	7.2
2016	39.9	39.1	40.7	42.9	73.2	41.1	41.4	40.7	7.2
2021	40.4	39.7	41.2	43.0	73.3	41.2	41.6	40.8	7.2
2026	41.0	40.3	41.8	43.0	73.7	41.2	41.7	40.7	7.2
2031	41.5	40.7	42.3	42.8	74.3	41.0	41.4	40.5	7.2
2036	41.8	40.9	42.7	42.6	75.4	40.8	41.2	40.3	7.2
2041	41.4	40.4	42.5	42.1	76.4	40.2	40.6	39.6	7.2
2046	40.6	39.5	41.6	41.3	76.5	39.5	39.9	39.0	7.2
2051	40.3	39.3	41.3	41.1	76.3	39.5	39.9	39.1	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Rapid Population Growth

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32642.	17785.	16504.	1211.3	656.5	275.4	232.5	3284.5
2011	34717.	18822.	17467.	1415.2	767.0	327.1	271.6	4006.9
2016	37014.	19479.	18076.	1614.4	874.9	378.2	309.9	4810.8
2021	39250.	19735.	18314.	1795.5	973.0	426.0	344.6	5677.1
2026	41335.	20090.	18644.	1971.5	1068.4	472.6	378.4	6584.6
2031	43226.	20710.	19219.	2145.1	1162.5	518.4	411.7	7524.4
2036	45012.	21496.	19948.	2337.5	1266.8	567.6	448.6	8498.8
2041	46802.	22267.	20664.	2545.1	1379.3	620.0	488.5	9518.9
2046	48597.	22936.	21285.	2762.7	1497.2	674.8	530.2	10590.4
2051	50349.	23588.	21890.	2989.6	1620.2	732.0	573.8	11714.8

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Rapid Population Growth

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	5.2	10.0	10.0	16.9	19.3	33.5	19.9	19.7
2011	6.4	5.8	5.8	16.8	16.8	18.8	16.8	22.0
2016	6.6	3.5	3.5	14.1	14.1	15.6	14.1	20.1
2021	6.0	1.3	1.3	11.2	11.2	12.6	11.2	18.0
2026	5.3	1.8	1.8	9.8	9.8	10.9	9.8	16.0
2031	4.6	3.1	3.1	8.8	8.8	9.7	8.8	14.3
2036	4.1	3.8	3.8	9.0	9.0	9.5	9.0	12.9
2041	4.0	3.6	3.6	8.9	8.9	9.2	8.9	12.0
2046	3.8	3.0	3.0	8.5	8.5	8.8	8.5	11.3
2051	3.6	2.8	2.8	8.2	8.2	8.5	8.2	10.6

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
 ID: Rapid Population Growth

DATE: 7JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	111.1	11.1	54.2	22.7	19.2	.0	7.2	2.7
2011	122.1	9.8	54.2	23.1	19.2	.0	7.2	2.8
2016	130.6	7.0	54.2	23.4	19.2	.0	7.2	3.0
2021	137.0	4.9	54.2	23.7	19.2	.0	7.2	3.2
2026	142.8	4.3	54.2	24.0	19.2	.0	7.2	3.3
2031	148.6	4.0	54.2	24.2	19.2	.0	7.2	3.5
2036	155.5	4.6	54.2	24.3	19.2	.0	7.2	3.6
2041	162.8	4.7	54.2	24.4	19.2	.0	7.2	3.7
2046	170.2	4.5	54.2	24.4	19.2	.0	7.2	3.8
2051	177.8	4.4	54.2	24.5	19.2	.0	7.2	3.9

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
 ID: Rapid Population Growth

DATE: 7JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	106.3	6.3	97.7	-2.3	108.8	8.8
2011	117.3	10.4	93.6	-4.2	125.4	15.3
2016	129.4	10.2	88.9	-5.0	145.5	16.0
2021	142.0	9.8	83.8	-5.8	169.5	16.5
2026	153.2	7.9	79.3	-5.3	193.1	13.9
2031	161.6	5.5	75.5	-4.8	214.0	10.9
2036	169.7	5.0	72.9	-3.5	232.9	8.8
2041	178.4	5.1	70.8	-2.8	251.8	8.1
2046	188.0	5.4	69.1	-2.4	272.0	8.0
2051	197.8	5.2	67.6	-2.2	292.6	7.6

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Rapid Population Growth

BOTH SEXES
 DATE: 7JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.8	9.5	29.3	12.2	6.3	1.6	11.6	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.7	18.2	10.0	30.3	13.8	7.2	1.5	11.6	20.9	29.1	27.5	8.1	1.3
2016	4.4	13.1	17.6	10.4	31.1	15.3	8.1	1.6	11.6	19.8	30.6	27.0	8.1	1.4
2021	3.4	12.0	16.8	10.8	31.7	16.5	8.7	1.7	11.5	18.6	32.1	26.4	8.1	1.5
2026	2.7	11.7	16.2	11.6	31.8	17.1	9.0	1.9	11.5	17.5	33.6	25.9	8.1	1.6
2031	2.3	11.5	15.2	12.5	31.9	17.5	9.1	1.9	11.4	16.5	35.0	25.4	8.1	1.7
2036	2.0	10.5	14.0	13.5	32.1	18.4	9.4	2.0	11.3	15.5	36.4	24.9	8.1	1.8
2041	1.8	9.6	12.5	14.4	32.1	19.7	10.1	2.1	11.1	14.5	37.8	24.5	8.1	1.8
2046	1.6	8.4	11.0	15.1	32.5	20.6	10.7	2.1	10.7	13.6	39.2	24.2	8.1	1.9
2051	1.6	7.8	10.4	16.2	32.2	20.8	11.1	2.2	10.3	12.8	40.6	23.9	8.2	2.0

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: Slow Population Growth

DATE: 7JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32381.	1359.	4.38	17725.	1557.	9.63	12865.	2.52	17.1	13.3
2011	33259.	878.	2.71	18448.	723.	4.08	13669.	2.43	15.2	14.6
2016	33936.	677.	2.04	18766.	318.	1.73	14434.	2.35	13.8	17.0
2021	34480.	544.	1.60	18586.	-180.	-.96	15130.	2.28	12.9	19.8
2026	34824.	344.	1.00	18186.	-399.	-2.15	15646.	2.23	12.4	22.9
2031	34882.	58.	.17	17719.	-468.	-2.57	15960.	2.19	12.0	25.6
2036	34617.	-265.	-.76	17290.	-428.	-2.42	16021.	2.16	11.5	27.0
2041	34053.	-564.	-1.63	16842.	-448.	-2.59	15878.	2.14	11.0	27.8
2046	33271.	-782.	-2.30	16305.	-537.	-3.19	15616.	2.13	10.7	28.7
2051	32376.	-896.	-2.69	15673.	-631.	-3.87	15274.	2.12	10.5	29.6

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: Slow Population Growth

DATE: 7JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	180.0	48.3	.0	131.7	306.7	235.0	71.7	1.59	1.83
2011	180.0	50.1	.0	129.9	279.5	252.8	26.7	1.57	1.80
2016	180.0	51.5	.0	128.5	272.0	274.6	-2.6	1.57	1.81
2021	180.0	52.8	.0	127.2	270.1	301.5	-31.4	1.61	1.86
2026	180.0	53.8	.0	126.2	259.0	336.9	-77.9	1.66	1.91
2031	180.0	54.3	.0	125.7	241.7	381.4	-139.7	1.72	1.97
2036	180.0	54.4	.0	125.6	225.3	429.3	-204.1	1.75	2.00
2041	180.0	54.0	.0	126.0	212.6	472.0	-259.4	1.76	2.02
2046	180.0	53.1	.0	126.9	205.5	501.0	-295.4	1.78	2.04
2051	180.0	52.1	.0	127.9	200.9	512.6	-311.7	1.79	2.07

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA

ID: Slow Population Growth

DATE: 7JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.38	9.5	7.3	2.2	78.4	82.6	17.4	20.8	67.8	46.7
2011	1.23	8.4	7.6	.8	79.4	83.1	18.0	21.1	67.2	46.8
2016	1.20	8.0	8.1	-.1	80.1	83.5	18.4	21.4	65.9	46.9
2021	1.20	7.8	8.8	-.9	80.6	83.8	18.6	21.5	63.7	46.7
2026	1.20	7.4	9.7	-2.2	80.8	84.0	18.8	21.7	61.5	46.6
2031	1.20	6.9	10.9	-4.0	80.9	84.1	18.8	21.7	59.7	46.5
2036	1.20	6.5	12.4	-5.9	81.0	84.2	18.9	21.8	58.5	46.5
2041	1.20	6.2	13.8	-7.6	81.1	84.2	18.9	21.8	57.6	46.5
2046	1.20	6.2	15.0	-8.9	81.1	84.3	18.9	21.9	56.9	46.5
2051	1.20	6.2	15.8	-9.6	81.1	84.3	18.9	21.9	56.1	46.4

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA

ID: Slow Population Growth

DATE: 7JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	39.0	38.0	39.9	42.3	74.4	40.5	40.7	40.3	7.2
2011	40.7	39.8	41.6	43.2	73.9	41.1	41.4	40.8	7.2
2016	42.4	41.5	43.3	43.3	73.2	41.4	41.7	41.1	7.2
2021	43.9	43.1	44.7	43.3	73.3	41.6	41.9	41.2	7.2
2026	45.5	44.7	46.3	43.5	73.6	42.0	42.4	41.5	7.2
2031	47.0	46.2	47.8	43.8	74.2	42.5	42.9	42.0	7.2
2036	48.3	47.4	49.1	44.5	75.3	43.2	43.6	42.7	7.2
2041	49.5	48.7	50.3	45.3	76.2	43.8	44.2	43.3	7.2
2046	50.5	49.6	51.4	45.6	76.2	44.0	44.5	43.5	7.2
2051	51.2	50.2	52.1	45.6	75.9	44.0	44.6	43.4	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Slow Population Growth

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32381.	17725.	16448.	1208.2	654.7	274.9	231.9	3284.5
2011	33259.	18448.	17119.	1392.6	754.7	322.7	267.3	3997.5
2016	33936.	18766.	17415.	1565.7	848.5	368.3	300.5	4773.8
2021	34480.	18586.	17248.	1712.4	928.0	408.6	328.7	5590.2
2026	34824.	18186.	16877.	1840.4	997.4	444.6	353.2	6419.4
2031	34882.	17719.	16443.	1944.6	1053.9	475.1	373.2	7241.6
2036	34617.	17290.	16045.	2038.6	1104.8	502.5	391.3	8042.2
2041	34053.	16842.	15629.	2116.4	1147.0	525.9	406.2	8812.6
2046	33271.	16305.	15131.	2175.7	1179.1	544.7	417.6	9541.7
2051	32376.	15673.	14545.	2218.2	1202.1	559.2	425.7	10219.1

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Slow Population Growth

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.4	9.6	9.6	16.6	19.0	33.2	19.6	19.7
2011	2.7	4.1	4.1	15.3	15.3	17.4	15.3	21.7
2016	2.0	1.7	1.7	12.4	12.4	14.1	12.4	19.4
2021	1.6	-1.0	-1.0	9.4	9.4	10.9	9.4	17.1
2026	1.0	-2.1	-2.1	7.5	7.5	8.8	7.5	14.8
2031	.2	-2.6	-2.6	5.7	5.7	6.9	5.7	12.8
2036	-.8	-2.4	-2.4	4.8	4.8	5.8	4.8	11.1
2041	-1.6	-2.6	-2.6	3.8	3.8	4.6	3.8	9.6
2046	-2.3	-3.2	-3.2	2.8	2.8	3.6	2.8	8.3
2051	-2.7	-3.9	-3.9	2.0	2.0	2.7	2.0	7.1

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
 ID: Slow Population Growth

DATE: 7JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	111.7	11.7	54.2	22.8	19.2	.0	7.2	2.7
2011	125.4	12.2	54.2	23.2	19.2	.0	7.2	2.9
2016	138.2	10.2	54.2	23.5	19.2	.0	7.2	3.0
2021	148.7	7.6	54.2	23.9	19.2	.0	7.2	3.3
2026	158.3	6.4	54.2	24.2	19.2	.0	7.2	3.5
2031	166.9	5.5	54.2	24.4	19.2	.0	7.2	3.7
2036	176.4	5.6	54.2	24.7	19.2	.0	7.2	3.9
2041	186.1	5.5	54.2	24.8	19.2	.0	7.2	4.2
2046	195.8	5.2	54.2	25.0	19.2	.0	7.2	4.4
2051	205.2	4.8	54.2	25.2	19.2	.0	7.2	4.6

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
 ID: Slow Population Growth

DATE: 7JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	106.4	6.4	97.4	-2.6	109.2	9.2
2011	117.8	10.7	92.3	-5.3	127.7	16.9
2016	130.2	10.5	86.9	-5.9	149.9	17.4
2021	143.8	10.4	81.2	-6.6	177.2	18.2
2026	157.9	9.8	75.9	-6.4	208.0	17.4
2031	171.3	8.5	71.1	-6.3	240.8	15.8
2036	184.0	7.4	67.2	-5.6	274.0	13.8
2041	196.1	6.6	63.6	-5.3	308.3	12.5
2046	208.3	6.2	60.4	-5.1	344.8	11.8
2051	220.9	6.1	57.5	-4.8	384.1	11.4

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Slow Population Growth

BOTH SEXES
 DATE: 7JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.9	9.5	29.4	12.2	6.2	1.6	11.5	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.8	18.3	10.0	30.6	13.6	6.9	1.5	11.4	21.0	29.0	27.7	8.1	1.2
2016	4.4	13.2	17.8	10.4	31.5	14.9	7.7	1.5	11.3	20.0	30.4	27.4	8.1	1.3
2021	3.4	11.8	17.2	10.8	32.5	16.2	8.2	1.6	11.2	19.0	31.7	27.0	8.0	1.4
2026	2.6	10.7	16.7	11.3	33.2	16.9	8.6	1.7	11.1	18.0	33.1	26.6	8.0	1.5
2031	2.2	10.0	15.8	11.7	33.8	17.6	8.8	1.8	11.0	17.0	34.5	26.2	8.0	1.5
2036	2.0	9.1	14.7	12.3	34.3	18.5	9.1	1.8	10.9	15.9	35.9	25.7	8.0	1.6
2041	1.7	8.3	13.2	13.2	34.5	19.7	9.5	1.9	10.8	14.9	37.3	25.3	8.0	1.7
2046	1.5	7.2	11.8	13.9	35.2	20.5	9.9	2.0	10.4	14.0	38.8	24.9	8.1	1.8
2051	1.5	6.5	11.3	14.9	35.1	20.6	10.1	2.1	10.1	13.1	40.2	24.5	8.1	1.9

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: Higher LF Participation

DATE: 7JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32485.	1464.	4.72	17820.	1652.	10.22	12884.	2.52	17.3	13.2
2011	33850.	1365.	4.20	19020.	1200.	6.74	13791.	2.45	15.9	14.4
2016	35157.	1308.	3.86	19925.	905.	4.76	14680.	2.39	15.4	16.6
2021	36361.	1203.	3.42	19978.	53.	.26	15517.	2.34	15.2	19.0
2026	37386.	1025.	2.82	19879.	-99.	-.49	16194.	2.31	14.9	21.7
2031	38155.	769.	2.06	19805.	-74.	-.37	16713.	2.28	14.4	24.0
2036	38657.	502.	1.32	19838.	33.	.17	17069.	2.26	13.9	25.1
2041	38932.	274.	.71	19856.	18.	.09	17291.	2.25	13.5	25.7
2046	39033.	102.	.26	19757.	-99.	-.50	17414.	2.24	13.4	26.3
2051	39022.	-12.	-.03	19565.	-193.	-.97	17461.	2.23	13.5	26.9

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: Higher LF Participation

DATE: 7JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	230.0	48.4	.0	181.6	330.2	234.6	95.6	1.59	1.82
2011	230.0	50.8	.0	179.2	342.0	251.3	90.7	1.58	1.78
2016	230.0	53.2	.0	176.8	349.4	271.3	78.1	1.60	1.76
2021	230.0	55.5	.0	174.5	350.2	295.3	54.9	1.65	1.82
2026	230.0	57.5	.0	172.5	340.8	326.9	13.9	1.72	1.88
2031	230.0	59.2	.0	170.8	328.5	367.4	-38.9	1.77	1.93
2036	230.0	60.5	.0	169.5	324.0	412.9	-88.9	1.79	1.95
2041	230.0	61.4	.0	168.6	326.5	455.8	-129.3	1.80	1.96
2046	230.0	62.0	.0	168.0	329.2	487.7	-158.5	1.81	1.98
2051	230.0	62.4	.0	167.6	328.4	504.6	-176.2	1.83	1.99

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA

ID: Higher LF Participation

DATE: 7JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.50	10.2	7.3	3.0	78.4	82.6	17.5	20.8	68.1	46.6
2011	1.50	10.1	7.5	2.7	79.5	83.2	18.1	21.2	68.7	46.9
2016	1.50	10.0	7.7	2.2	80.4	83.8	18.5	21.5	68.9	47.0
2021	1.50	9.7	8.1	1.5	81.0	84.2	18.9	21.8	66.7	46.9
2026	1.50	9.1	8.8	.4	81.5	84.6	19.1	22.1	64.5	46.8
2031	1.50	8.6	9.6	-1.0	81.8	85.0	19.4	22.4	62.7	46.8
2036	1.50	8.4	10.7	-2.3	82.1	85.3	19.5	22.6	61.7	46.8
2041	1.50	8.4	11.7	-3.3	82.4	85.6	19.7	22.8	61.1	46.8
2046	1.50	8.4	12.5	-4.1	82.6	85.9	19.9	23.0	60.6	46.7
2051	1.50	8.4	12.9	-4.5	82.8	86.1	20.0	23.2	60.1	46.7

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA

ID: Higher LF Participation

DATE: 7JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	37.9	39.8	42.3	74.4	40.5	40.7	40.2	7.2
2011	40.3	39.4	41.2	43.0	73.9	41.0	41.3	40.7	7.2
2016	41.4	40.6	42.3	43.1	73.2	41.4	41.7	41.1	7.2
2021	42.6	41.8	43.4	43.1	73.3	41.6	42.0	41.2	7.2
2026	43.8	43.1	44.6	43.3	73.6	41.9	42.3	41.4	7.2
2031	45.0	44.2	45.7	43.4	74.3	42.1	42.5	41.6	7.2
2036	46.0	45.2	46.7	43.8	75.4	42.5	42.9	42.0	7.2
2041	46.8	45.9	47.7	44.1	76.3	42.7	43.1	42.2	7.2
2046	47.2	46.2	48.2	44.0	76.4	42.5	43.0	42.0	7.2
2051	47.2	46.2	48.3	43.7	76.1	42.3	42.8	41.8	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Higher LF Participation

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32485.	17820.	16537.	1213.0	657.4	275.8	232.8	3284.8
2011	33850.	19020.	17651.	1432.0	776.1	330.4	274.8	4013.1
2016	35157.	19925.	18490.	1663.7	901.6	388.1	319.3	4841.5
2021	36361.	19978.	18539.	1856.1	1005.9	439.1	356.2	5752.7
2026	37386.	19879.	18448.	2026.6	1098.3	485.4	389.0	6703.5
2031	38155.	19805.	18379.	2175.0	1178.7	526.8	417.4	7669.0
2036	38657.	19838.	18410.	2323.9	1259.4	567.4	446.0	8636.8
2041	38932.	19856.	18427.	2467.7	1337.4	606.4	473.6	9605.1
2046	39034.	19757.	18335.	2601.2	1409.7	642.9	499.2	10567.6
2051	39022.	19565.	18156.	2725.4	1477.0	677.0	523.1	11515.7

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Higher LF Participation

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.7	10.2	10.2	17.1	19.5	33.7	20.1	19.7
2011	4.2	6.7	6.7	18.1	18.1	19.8	18.1	22.2
2016	3.9	4.8	4.8	16.2	16.2	17.5	16.2	20.6
2021	3.4	.3	.3	11.6	11.6	13.1	11.6	18.8
2026	2.8	-.5	-.5	9.2	9.2	10.6	9.2	16.5
2031	2.1	-.4	-.4	7.3	7.3	8.5	7.3	14.4
2036	1.3	.2	.2	6.8	6.8	7.7	6.8	12.6
2041	.7	.1	.1	6.2	6.2	6.9	6.2	11.2
2046	.3	-.5	-.5	5.4	5.4	6.0	5.4	10.0
2051	.0	-1.0	-1.0	4.8	4.8	5.3	4.8	9.0

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
 ID: Higher LF Participation

DATE: 7JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	111.8	11.8	54.2	22.7	19.2	.0	7.2	2.7
2011	126.7	13.3	54.2	23.1	19.2	.0	7.2	2.8
2016	141.7	11.9	54.2	23.3	19.2	.0	7.2	2.9
2021	152.9	7.9	54.2	23.7	19.2	.0	7.2	3.1
2026	162.3	6.2	54.2	24.0	19.2	.0	7.2	3.3
2031	170.7	5.2	54.2	24.2	19.2	.0	7.2	3.5
2036	180.0	5.5	54.2	24.4	19.2	.0	7.2	3.7
2041	189.8	5.4	54.2	24.6	19.2	.0	7.2	3.9
2046	199.6	5.1	54.2	24.7	19.2	.0	7.2	4.1
2051	209.1	4.8	54.2	24.8	19.2	.0	7.2	4.2

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
 ID: Higher LF Participation

DATE: 7JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	106.2	6.2	97.8	-2.2	108.6	8.6
2011	117.5	10.6	94.5	-3.4	124.3	14.5
2016	130.3	10.9	91.0	-3.7	143.2	15.2
2021	145.0	11.3	85.5	-6.1	169.6	18.5
2026	159.1	9.7	80.1	-6.3	198.7	17.1
2031	171.4	7.7	75.1	-6.2	228.1	14.8
2036	182.8	6.7	71.3	-5.1	256.5	12.4
2041	194.0	6.1	68.1	-4.5	285.0	11.1
2046	205.5	5.9	65.2	-4.2	315.1	10.6
2051	217.4	5.8	62.7	-3.9	346.8	10.0

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Higher LF Participation

BOTH SEXES
 DATE: 7JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.9	9.5	29.3	12.2	6.2	1.6	11.5	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.8	18.2	10.0	30.4	13.7	7.1	1.5	11.5	21.0	29.1	27.6	8.1	1.2
2016	4.4	13.1	17.7	10.4	31.3	15.1	7.9	1.6	11.4	19.9	30.5	27.2	8.1	1.3
2021	3.4	11.8	17.0	10.8	32.1	16.4	8.5	1.7	11.4	18.8	31.9	26.7	8.1	1.4
2026	2.6	11.1	16.4	11.4	32.6	17.1	8.8	1.8	11.3	17.7	33.4	26.2	8.1	1.5
2031	2.3	10.5	15.5	12.0	33.0	17.7	9.1	1.9	11.2	16.7	34.8	25.8	8.1	1.6
2036	2.0	9.6	14.4	12.8	33.3	18.6	9.4	1.9	11.1	15.7	36.2	25.3	8.1	1.7
2041	1.7	8.7	12.9	13.6	33.4	19.8	9.9	2.0	11.0	14.7	37.6	24.8	8.1	1.8
2046	1.6	7.6	11.5	14.3	34.1	20.6	10.3	2.1	10.6	13.8	39.1	24.5	8.1	1.9
2051	1.5	6.9	10.9	15.4	33.8	20.8	10.6	2.2	10.3	12.9	40.5	24.1	8.1	2.0

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: No Mandatory Retirement

DATE: 7JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32485.	1464.	4.72	17768.	1600.	9.90	12884.	2.52	17.3	13.2
2011	33850.	1365.	4.20	18668.	899.	5.06	13791.	2.45	15.9	14.4
2016	35157.	1308.	3.86	19175.	507.	2.72	14680.	2.39	15.4	16.6
2021	36361.	1203.	3.42	19209.	34.	.18	15517.	2.34	15.2	19.0
2026	37386.	1025.	2.82	19133.	-76.	-.40	16194.	2.31	14.9	21.7
2031	38155.	769.	2.06	19092.	-40.	-.21	16713.	2.28	14.4	24.0
2036	38657.	502.	1.32	19121.	28.	.15	17069.	2.26	13.9	25.1
2041	38932.	274.	.71	19125.	4.	.02	17291.	2.25	13.5	25.7
2046	39033.	102.	.26	19026.	-99.	-.52	17414.	2.24	13.4	26.3
2051	39022.	-12.	-.03	18837.	-189.	-.99	17461.	2.23	13.5	26.9

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: No Mandatory Retirement

DATE: 7JUL2005

YEAR	IMMI- GRA-TION	EMI- GRA-TION	CHANGE IN NPR	NET IN-FLOW	BIRTHS	DEATHS	NAT-URAL INC-REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	230.0	48.4	.0	181.6	330.2	234.6	95.6	1.59	1.83
2011	230.0	50.8	.0	179.2	342.0	251.3	90.7	1.58	1.81
2016	230.0	53.2	.0	176.8	349.4	271.3	78.1	1.60	1.83
2021	230.0	55.5	.0	174.5	350.2	295.3	54.9	1.65	1.89
2026	230.0	57.5	.0	172.5	340.8	326.9	13.9	1.72	1.95
2031	230.0	59.2	.0	170.8	328.5	367.4	-38.9	1.77	2.00
2036	230.0	60.5	.0	169.5	324.0	412.9	-88.9	1.79	2.02
2041	230.0	61.4	.0	168.6	326.5	455.8	-129.3	1.80	2.04
2046	230.0	62.0	.0	168.0	329.2	487.7	-158.5	1.81	2.05
2051	230.0	62.4	.0	167.6	328.4	504.6	-176.2	1.83	2.07

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA
ID: No Mandatory Retirement

DATE: 7JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.50	10.2	7.3	3.0	78.4	82.6	17.5	20.8	67.9	46.7
2011	1.50	10.1	7.5	2.7	79.5	83.2	18.1	21.2	67.4	46.8
2016	1.50	10.0	7.7	2.2	80.4	83.8	18.5	21.5	66.3	46.9
2021	1.50	9.7	8.1	1.5	81.0	84.2	18.9	21.8	64.1	46.7
2026	1.50	9.1	8.8	.4	81.5	84.6	19.1	22.1	62.0	46.6
2031	1.50	8.6	9.6	-1.0	81.8	85.0	19.4	22.4	60.4	46.6
2036	1.50	8.4	10.7	-2.3	82.1	85.3	19.5	22.6	59.5	46.6
2041	1.50	8.4	11.7	-3.3	82.4	85.6	19.7	22.8	58.8	46.6
2046	1.50	8.4	12.5	-4.1	82.6	85.9	19.9	23.0	58.3	46.5
2051	1.50	8.4	12.9	-4.5	82.8	86.1	20.0	23.2	57.8	46.5

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA
ID: No Mandatory Retirement

DATE: 7JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	37.9	39.8	42.3	74.4	40.5	40.7	40.3	7.2
2011	40.3	39.4	41.2	43.0	73.9	41.0	41.3	40.7	7.2
2016	41.4	40.6	42.3	43.1	73.2	41.3	41.6	40.9	7.2
2021	42.6	41.8	43.4	43.1	73.3	41.5	41.9	41.0	7.2
2026	43.8	43.1	44.6	43.3	73.6	41.7	42.2	41.2	7.2
2031	45.0	44.2	45.7	43.4	74.3	42.0	42.4	41.5	7.2
2036	46.0	45.2	46.7	43.8	75.4	42.4	42.8	41.9	7.2
2041	46.8	45.9	47.7	44.1	76.3	42.6	43.1	42.0	7.2
2046	47.2	46.2	48.2	44.0	76.4	42.4	42.9	41.8	7.2
2051	47.2	46.2	48.3	43.7	76.1	42.2	42.7	41.7	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: No Mandatory Retirement

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32485.	17768.	16489.	1210.2	655.8	275.2	232.3	3284.6
2011	33850.	18668.	17323.	1405.4	761.7	325.2	269.7	4003.0
2016	35157.	19175.	17794.	1593.2	863.4	373.9	305.8	4794.9
2021	36361.	19209.	17826.	1758.4	953.0	418.3	337.5	5639.1
2026	37386.	19133.	17755.	1910.6	1035.4	459.7	366.7	6511.0
2031	38155.	19092.	17718.	2047.0	1109.3	497.4	392.9	7394.3
2036	38657.	19121.	17744.	2183.1	1183.1	534.3	419.0	8280.0
2041	38932.	19125.	17748.	2313.8	1253.9	569.7	444.1	9165.7
2046	39034.	19026.	17656.	2435.4	1319.8	602.9	467.4	10045.3
2051	39022.	18837.	17481.	2548.4	1381.1	633.9	489.1	10911.5

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: No Mandatory Retirement

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.7	9.9	9.9	16.8	19.2	33.4	19.8	19.7
2011	4.2	5.1	5.1	16.1	16.1	18.1	16.1	21.9
2016	3.9	2.7	2.7	13.4	13.4	15.0	13.4	19.8
2021	3.4	.2	.2	10.4	10.4	11.9	10.4	17.6
2026	2.8	-.4	-.4	8.7	8.7	9.9	8.7	15.5
2031	2.1	-.2	-.2	7.1	7.1	8.2	7.1	13.6
2036	1.3	.1	.1	6.7	6.7	7.4	6.7	12.0
2041	.7	.0	.0	6.0	6.0	6.6	6.0	10.7
2046	.3	-.5	-.5	5.3	5.3	5.8	5.3	9.6
2051	.0	-1.0	-1.0	4.6	4.6	5.1	4.6	8.6

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
 ID: No Mandatory Retirement

DATE: 7JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	111.6	11.6	54.2	22.7	19.2	.0	7.2	2.7
2011	124.3	11.5	54.2	23.1	19.2	.0	7.2	2.8
2016	135.7	9.1	54.2	23.5	19.2	.0	7.2	3.0
2021	144.8	6.7	54.2	23.8	19.2	.0	7.2	3.2
2026	153.0	5.7	54.2	24.1	19.2	.0	7.2	3.4
2031	160.6	5.0	54.2	24.3	19.2	.0	7.2	3.6
2036	169.1	5.3	54.2	24.5	19.2	.0	7.2	3.8
2041	178.0	5.2	54.2	24.6	19.2	.0	7.2	4.0
2046	186.8	5.0	54.2	24.8	19.2	.0	7.2	4.1
2051	195.6	4.7	54.2	24.9	19.2	.0	7.2	4.3

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
 ID: No Mandatory Retirement

DATE: 7JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	106.3	6.3	97.6	-2.4	108.9	8.9
2011	117.5	10.5	93.0	-4.7	126.3	16.0
2016	129.7	10.4	88.0	-5.4	147.3	16.6
2021	142.9	10.2	82.6	-6.2	173.0	17.4
2026	155.9	9.1	77.7	-5.9	200.5	15.9
2031	167.3	7.4	73.3	-5.7	228.2	13.8
2036	178.2	6.5	69.8	-4.8	255.1	11.8
2041	188.8	6.0	66.9	-4.3	282.3	10.7
2046	199.8	5.8	64.2	-4.0	311.0	10.2
2051	211.1	5.7	61.9	-3.7	341.3	9.7

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: No Mandatory Retirement

BOTH SEXES
 DATE: 7JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.9	9.5	29.3	12.2	6.2	1.6	11.5	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.8	18.2	10.0	30.4	13.7	7.1	1.5	11.5	21.0	29.1	27.6	8.1	1.2
2016	4.4	13.1	17.7	10.4	31.3	15.1	7.9	1.6	11.4	19.9	30.5	27.2	8.1	1.3
2021	3.4	11.8	17.0	10.8	32.1	16.4	8.5	1.7	11.4	18.8	31.9	26.7	8.1	1.4
2026	2.6	11.1	16.4	11.4	32.6	17.1	8.8	1.8	11.3	17.7	33.4	26.2	8.1	1.5
2031	2.3	10.5	15.5	12.0	33.0	17.7	9.1	1.9	11.2	16.7	34.8	25.8	8.1	1.6
2036	2.0	9.6	14.4	12.8	33.3	18.6	9.4	1.9	11.1	15.7	36.2	25.3	8.1	1.7
2041	1.7	8.7	12.9	13.6	33.4	19.8	9.9	2.0	11.0	14.7	37.6	24.8	8.1	1.8
2046	1.6	7.6	11.5	14.3	34.1	20.6	10.3	2.1	10.6	13.8	39.1	24.5	8.1	1.9
2051	1.5	6.9	10.9	15.4	33.8	20.8	10.6	2.2	10.3	12.9	40.5	24.1	8.1	2.0

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: Higher Part-time Work

DATE: 7JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32485.	1464.	4.72	17755.	1587.	9.81	12884.	2.52	17.3	13.2
2011	33850.	1365.	4.20	18635.	881.	4.96	13791.	2.45	15.9	14.4
2016	35157.	1308.	3.86	19124.	489.	2.62	14680.	2.39	15.4	16.6
2021	36361.	1203.	3.42	19150.	26.	.14	15517.	2.34	15.2	19.0
2026	37386.	1025.	2.82	19064.	-85.	-.45	16194.	2.31	14.9	21.7
2031	38155.	769.	2.06	19019.	-45.	-.24	16713.	2.28	14.4	24.0
2036	38657.	502.	1.32	19049.	30.	.16	17069.	2.26	13.9	25.1
2041	38932.	274.	.71	19052.	3.	.02	17291.	2.25	13.5	25.7
2046	39033.	102.	.26	18950.	-102.	-.54	17414.	2.24	13.4	26.3
2051	39022.	-12.	-.03	18759.	-191.	-1.01	17461.	2.23	13.5	26.9

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: Higher Part-time Work

DATE: 7JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	230.0	48.4	.0	181.6	330.2	234.6	95.6	1.59	1.83
2011	230.0	50.8	.0	179.2	342.0	251.3	90.7	1.58	1.82
2016	230.0	53.2	.0	176.8	349.4	271.3	78.1	1.60	1.84
2021	230.0	55.5	.0	174.5	350.2	295.3	54.9	1.65	1.90
2026	230.0	57.5	.0	172.5	340.8	326.9	13.9	1.72	1.96
2031	230.0	59.2	.0	170.8	328.5	367.4	-38.9	1.77	2.01
2036	230.0	60.5	.0	169.5	324.0	412.9	-88.9	1.79	2.03
2041	230.0	61.4	.0	168.6	326.5	455.8	-129.3	1.80	2.04
2046	230.0	62.0	.0	168.0	329.2	487.7	-158.5	1.81	2.06
2051	230.0	62.4	.0	167.6	328.4	504.6	-176.2	1.83	2.08

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA

ID: Higher Part-time Work

DATE: 7JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.50	10.2	7.3	3.0	78.4	82.6	17.5	20.8	67.8	46.7
2011	1.50	10.1	7.5	2.7	79.5	83.2	18.1	21.2	67.3	46.9
2016	1.50	10.0	7.7	2.2	80.4	83.8	18.5	21.5	66.1	46.9
2021	1.50	9.7	8.1	1.5	81.0	84.2	18.9	21.8	64.0	46.7
2026	1.50	9.1	8.8	.4	81.5	84.6	19.1	22.1	61.8	46.6
2031	1.50	8.6	9.6	-1.0	81.8	85.0	19.4	22.4	60.2	46.7
2036	1.50	8.4	10.7	-2.3	82.1	85.3	19.5	22.6	59.2	46.7
2041	1.50	8.4	11.7	-3.3	82.4	85.6	19.7	22.8	58.6	46.6
2046	1.50	8.4	12.5	-4.1	82.6	85.9	19.9	23.0	58.1	46.6
2051	1.50	8.4	12.9	-4.5	82.8	86.1	20.0	23.2	57.6	46.6

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA

ID: Higher Part-time Work

DATE: 7JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	37.9	39.8	42.3	74.4	40.5	40.7	40.2	7.2
2011	40.3	39.4	41.2	43.0	73.9	41.0	41.3	40.7	7.2
2016	41.4	40.6	42.3	43.1	73.2	41.2	41.5	40.9	7.2
2021	42.6	41.8	43.4	43.1	73.3	41.4	41.8	41.0	7.2
2026	43.8	43.1	44.6	43.3	73.6	41.7	42.1	41.2	7.2
2031	45.0	44.2	45.7	43.4	74.3	41.9	42.3	41.4	7.2
2036	46.0	45.2	46.7	43.8	75.4	42.3	42.7	41.8	7.2
2041	46.8	45.9	47.7	44.1	76.3	42.5	42.9	42.0	7.2
2046	47.2	46.2	48.2	44.0	76.4	42.3	42.8	41.8	7.2
2051	47.2	46.2	48.3	43.7	76.1	42.1	42.6	41.6	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Higher Part-time Work

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32485.	17755.	16476.	1203.7	652.4	274.0	231.0	3284.0
2011	33850.	18635.	17294.	1384.1	750.1	320.9	265.7	3990.1
2016	35157.	19124.	17747.	1565.4	848.3	368.0	300.4	4762.5
2021	36361.	19150.	17771.	1724.6	934.6	410.8	331.0	5584.1
2026	37386.	19064.	17692.	1871.5	1014.2	450.7	359.2	6431.2
2031	38155.	19019.	17650.	2003.2	1085.6	487.2	384.5	7288.6
2036	38657.	19049.	17677.	2134.7	1156.9	522.8	409.7	8147.8
2041	38932.	19052.	17680.	2260.7	1225.2	557.0	433.9	9006.3
2046	39034.	18950.	17586.	2378.0	1288.7	589.0	456.4	9858.2
2051	39022.	18759.	17408.	2487.1	1347.9	619.0	477.4	10696.9

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Higher Part-time Work

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.7	9.8	9.8	16.2	18.6	32.8	19.2	19.7
2011	4.2	5.0	5.0	15.0	15.0	17.1	15.0	21.5
2016	3.9	2.6	2.6	13.1	13.1	14.7	13.1	19.4
2021	3.4	.1	.1	10.2	10.2	11.6	10.2	17.3
2026	2.8	-.4	-.4	8.5	8.5	9.7	8.5	15.2
2031	2.1	-.2	-.2	7.0	7.0	8.1	7.0	13.3
2036	1.3	.2	.2	6.6	6.6	7.3	6.6	11.8
2041	.7	.0	.0	5.9	5.9	6.5	5.9	10.5
2046	.3	-.5	-.5	5.2	5.2	5.7	5.2	9.5
2051	.0	-1.0	-1.0	4.6	4.6	5.1	4.6	8.5

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES

ID: Higher Part-time Work

DATE: 7JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	111.0	11.0	54.2	22.8	19.2	.0	7.2	2.7
2011	122.4	10.3	54.2	23.2	19.2	.0	7.2	2.9
2016	133.3	8.9	54.2	23.5	19.2	.0	7.2	3.0
2021	142.0	6.5	54.2	23.8	19.2	.0	7.2	3.2
2026	149.9	5.5	54.2	24.1	19.2	.0	7.2	3.4
2031	157.2	4.9	54.2	24.3	19.2	.0	7.2	3.6
2036	165.4	5.2	54.2	24.5	19.2	.0	7.2	3.8
2041	173.9	5.2	54.2	24.6	19.2	.0	7.2	4.0
2046	182.4	4.9	54.2	24.8	19.2	.0	7.2	4.1
2051	190.9	4.6	54.2	24.9	19.2	.0	7.2	4.3

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES

ID: Higher Part-time Work

DATE: 7JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	105.8	5.8	97.1	-2.9	109.0	9.0
2011	115.9	9.5	91.9	-5.4	126.1	15.8
2016	127.7	10.2	87.1	-5.2	146.7	16.3
2021	140.6	10.0	81.8	-6.0	171.8	17.1
2026	153.2	9.0	77.1	-5.8	198.7	15.7
2031	164.4	7.3	72.8	-5.6	225.8	13.6
2036	174.9	6.4	69.4	-4.7	252.0	11.6
2041	185.2	5.9	66.5	-4.2	278.5	10.5
2046	195.8	5.8	63.9	-3.9	306.5	10.0
2051	206.9	5.7	61.6	-3.6	335.9	9.6

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Higher Part-time Work

BOTH SEXES
 DATE: 7JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.9	9.5	29.3	12.2	6.2	1.6	11.5	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.8	18.2	10.0	30.4	13.7	7.1	1.5	11.5	21.0	29.1	27.6	8.1	1.2
2016	4.4	13.1	17.7	10.4	31.3	15.1	7.9	1.6	11.4	19.9	30.5	27.2	8.1	1.3
2021	3.4	11.8	17.0	10.8	32.1	16.4	8.5	1.7	11.4	18.8	31.9	26.7	8.1	1.4
2026	2.6	11.1	16.4	11.4	32.6	17.1	8.8	1.8	11.3	17.7	33.4	26.2	8.1	1.5
2031	2.3	10.5	15.5	12.0	33.0	17.7	9.1	1.9	11.2	16.7	34.8	25.8	8.1	1.6
2036	2.0	9.6	14.4	12.8	33.3	18.6	9.4	1.9	11.1	15.7	36.2	25.3	8.1	1.7
2041	1.7	8.7	12.9	13.6	33.4	19.8	9.9	2.0	11.0	14.7	37.6	24.8	8.1	1.8
2046	1.6	7.6	11.5	14.3	34.1	20.6	10.3	2.1	10.6	13.8	39.1	24.5	8.1	1.9
2051	1.5	6.9	10.9	15.4	33.8	20.8	10.6	2.2	10.3	12.9	40.5	24.1	8.1	2.0

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: Lower Part-time Work

DATE: 7JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32485.	1464.	4.72	17755.	1587.	9.81	12884.	2.52	17.3	13.2
2011	33850.	1365.	4.20	18635.	881.	4.96	13791.	2.45	15.9	14.4
2016	35157.	1308.	3.86	19124.	489.	2.62	14680.	2.39	15.4	16.6
2021	36361.	1203.	3.42	19150.	26.	.14	15517.	2.34	15.2	19.0
2026	37386.	1025.	2.82	19064.	-85.	-.45	16194.	2.31	14.9	21.7
2031	38155.	769.	2.06	19019.	-45.	-.24	16713.	2.28	14.4	24.0
2036	38657.	502.	1.32	19049.	30.	.16	17069.	2.26	13.9	25.1
2041	38932.	274.	.71	19052.	3.	.02	17291.	2.25	13.5	25.7
2046	39033.	102.	.26	18950.	-102.	-.54	17414.	2.24	13.4	26.3
2051	39022.	-12.	-.03	18759.	-191.	-1.01	17461.	2.23	13.5	26.9

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: Lower Part-time Work

DATE: 7JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	230.0	48.4	.0	181.6	330.2	234.6	95.6	1.59	1.83
2011	230.0	50.8	.0	179.2	342.0	251.3	90.7	1.58	1.82
2016	230.0	53.2	.0	176.8	349.4	271.3	78.1	1.60	1.84
2021	230.0	55.5	.0	174.5	350.2	295.3	54.9	1.65	1.90
2026	230.0	57.5	.0	172.5	340.8	326.9	13.9	1.72	1.96
2031	230.0	59.2	.0	170.8	328.5	367.4	-38.9	1.77	2.01
2036	230.0	60.5	.0	169.5	324.0	412.9	-88.9	1.79	2.03
2041	230.0	61.4	.0	168.6	326.5	455.8	-129.3	1.80	2.04
2046	230.0	62.0	.0	168.0	329.2	487.7	-158.5	1.81	2.06
2051	230.0	62.4	.0	167.6	328.4	504.6	-176.2	1.83	2.08

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA

ID: Lower Part-time Work

DATE: 7JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.50	10.2	7.3	3.0	78.4	82.6	17.5	20.8	67.8	46.7
2011	1.50	10.1	7.5	2.7	79.5	83.2	18.1	21.2	67.3	46.9
2016	1.50	10.0	7.7	2.2	80.4	83.8	18.5	21.5	66.1	46.9
2021	1.50	9.7	8.1	1.5	81.0	84.2	18.9	21.8	64.0	46.7
2026	1.50	9.1	8.8	.4	81.5	84.6	19.1	22.1	61.8	46.6
2031	1.50	8.6	9.6	-1.0	81.8	85.0	19.4	22.4	60.2	46.7
2036	1.50	8.4	10.7	-2.3	82.1	85.3	19.5	22.6	59.2	46.7
2041	1.50	8.4	11.7	-3.3	82.4	85.6	19.7	22.8	58.6	46.6
2046	1.50	8.4	12.5	-4.1	82.6	85.9	19.9	23.0	58.1	46.6
2051	1.50	8.4	12.9	-4.5	82.8	86.1	20.0	23.2	57.6	46.6

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA

ID: Lower Part-time Work

DATE: 7JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	37.9	39.8	42.3	74.4	40.5	40.7	40.2	7.2
2011	40.3	39.4	41.2	43.0	73.9	41.0	41.3	40.7	7.2
2016	41.4	40.6	42.3	43.1	73.2	41.2	41.5	40.9	7.2
2021	42.6	41.8	43.4	43.1	73.3	41.4	41.8	41.0	7.2
2026	43.8	43.1	44.6	43.3	73.6	41.7	42.1	41.2	7.2
2031	45.0	44.2	45.7	43.4	74.3	41.9	42.3	41.4	7.2
2036	46.0	45.2	46.7	43.8	75.4	42.3	42.7	41.8	7.2
2041	46.8	45.9	47.7	44.1	76.3	42.5	42.9	42.0	7.2
2046	47.2	46.2	48.2	44.0	76.4	42.3	42.8	41.8	7.2
2051	47.2	46.2	48.3	43.7	76.1	42.1	42.6	41.6	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Lower Part-time Work

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32485.	17755.	16476.	1215.7	658.8	276.3	233.3	3285.0
2011	33850.	18635.	17294.	1423.1	771.2	328.7	273.1	4014.0
2016	35157.	19124.	17747.	1614.2	874.8	378.4	309.8	4821.3
2021	36361.	19150.	17771.	1782.6	966.0	423.7	342.1	5681.9
2026	37386.	19064.	17692.	1937.4	1049.9	465.8	371.8	6570.6
2031	38155.	19019.	17650.	2075.7	1124.9	504.2	398.4	7470.5
2036	38657.	19049.	17677.	2214.4	1200.1	541.8	425.0	8372.6
2041	38932.	19052.	17680.	2347.3	1272.1	577.8	450.5	9274.5
2046	39034.	18950.	17586.	2470.8	1339.0	611.6	474.2	10170.1
2051	39022.	18759.	17408.	2585.8	1401.3	643.1	496.3	11051.8

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Lower Part-time Work

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.7	9.8	9.8	17.3	19.7	33.9	20.4	19.7
2011	4.2	5.0	5.0	17.1	17.1	19.0	17.1	22.2
2016	3.9	2.6	2.6	13.4	13.4	15.1	13.4	20.1
2021	3.4	.1	.1	10.4	10.4	12.0	10.4	17.9
2026	2.8	-.4	-.4	8.7	8.7	9.9	8.7	15.6
2031	2.1	-.2	-.2	7.1	7.1	8.2	7.1	13.7
2036	1.3	.2	.2	6.7	6.7	7.5	6.7	12.1
2041	.7	.0	.0	6.0	6.0	6.6	6.0	10.8
2046	.3	-.5	-.5	5.3	5.3	5.8	5.3	9.7
2051	.0	-1.0	-1.0	4.7	4.7	5.2	4.7	8.7

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES

ID: Lower Part-time Work

DATE: 7JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	112.1	12.1	54.2	22.7	19.2	.0	7.2	2.7
2011	125.9	12.3	54.2	23.1	19.2	.0	7.2	2.8
2016	137.5	9.2	54.2	23.4	19.2	.0	7.2	3.0
2021	146.8	6.8	54.2	23.8	19.2	.0	7.2	3.2
2026	155.2	5.7	54.2	24.0	19.2	.0	7.2	3.4
2031	162.9	5.0	54.2	24.3	19.2	.0	7.2	3.6
2036	171.5	5.3	54.2	24.5	19.2	.0	7.2	3.8
2041	180.5	5.3	54.2	24.6	19.2	.0	7.2	4.0
2046	189.5	5.0	54.2	24.8	19.2	.0	7.2	4.1
2051	198.4	4.7	54.2	24.9	19.2	.0	7.2	4.3

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES

ID: Lower Part-time Work

DATE: 7JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	106.9	6.9	98.0	-2.0	109.0	9.0
2011	119.2	11.5	93.9	-4.2	126.9	16.4
2016	131.7	10.5	88.7	-5.6	148.5	17.0
2021	145.3	10.3	83.1	-6.3	174.8	17.7
2026	158.6	9.2	78.1	-6.0	203.0	16.2
2031	170.3	7.4	73.6	-5.8	231.4	14.0
2036	181.4	6.5	70.1	-4.8	258.9	11.9
2041	192.3	6.0	67.0	-4.3	286.8	10.8
2046	203.5	5.8	64.4	-4.0	316.2	10.2
2051	215.1	5.7	62.0	-3.7	347.1	9.8

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Lower Part-time Work

BOTH SEXES
 DATE: 7JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.9	9.5	29.3	12.2	6.2	1.6	11.5	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.8	18.2	10.0	30.4	13.7	7.1	1.5	11.5	21.0	29.1	27.6	8.1	1.2
2016	4.4	13.1	17.7	10.4	31.3	15.1	7.9	1.6	11.4	19.9	30.5	27.2	8.1	1.3
2021	3.4	11.8	17.0	10.8	32.1	16.4	8.5	1.7	11.4	18.8	31.9	26.7	8.1	1.4
2026	2.6	11.1	16.4	11.4	32.6	17.1	8.8	1.8	11.3	17.7	33.4	26.2	8.1	1.5
2031	2.3	10.5	15.5	12.0	33.0	17.7	9.1	1.9	11.2	16.7	34.8	25.8	8.1	1.6
2036	2.0	9.6	14.4	12.8	33.3	18.6	9.4	1.9	11.1	15.7	36.2	25.3	8.1	1.7
2041	1.7	8.7	12.9	13.6	33.4	19.8	9.9	2.0	11.0	14.7	37.6	24.8	8.1	1.8
2046	1.6	7.6	11.5	14.3	34.1	20.6	10.3	2.1	10.6	13.8	39.1	24.5	8.1	1.9
2051	1.5	6.9	10.9	15.4	33.8	20.8	10.6	2.2	10.3	12.9	40.5	24.1	8.1	2.0

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA

ID: Immigrant Education Same as Rest

DATE: 7JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32485.	1464.	4.72	17755.	1587.	9.81	12884.	2.52	17.3	13.2
2011	33850.	1365.	4.20	18635.	881.	4.96	13791.	2.45	15.9	14.4
2016	35157.	1308.	3.86	19124.	489.	2.62	14680.	2.39	15.4	16.6
2021	36361.	1203.	3.42	19150.	26.	.14	15517.	2.34	15.2	19.0
2026	37386.	1025.	2.82	19064.	-85.	-.45	16194.	2.31	14.9	21.7
2031	38155.	769.	2.06	19019.	-45.	-.24	16713.	2.28	14.4	24.0
2036	38657.	502.	1.32	19049.	30.	.16	17069.	2.26	13.9	25.1
2041	38932.	274.	.71	19052.	3.	.02	17291.	2.25	13.5	25.7
2046	39033.	102.	.26	18950.	-102.	-.54	17414.	2.24	13.4	26.3
2051	39022.	-12.	-.03	18759.	-191.	-1.01	17461.	2.23	13.5	26.9

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA

ID: Immigrant Education Same as Rest

DATE: 7JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	230.0	48.4	.0	181.6	330.2	234.6	95.6	1.59	1.83
2011	230.0	50.8	.0	179.2	342.0	251.3	90.7	1.58	1.82
2016	230.0	53.2	.0	176.8	349.4	271.3	78.1	1.60	1.84
2021	230.0	55.5	.0	174.5	350.2	295.3	54.9	1.65	1.90
2026	230.0	57.5	.0	172.5	340.8	326.9	13.9	1.72	1.96
2031	230.0	59.2	.0	170.8	328.5	367.4	-38.9	1.77	2.01
2036	230.0	60.5	.0	169.5	324.0	412.9	-88.9	1.79	2.03
2041	230.0	61.4	.0	168.6	326.5	455.8	-129.3	1.80	2.04
2046	230.0	62.0	.0	168.0	329.2	487.7	-158.5	1.81	2.06
2051	230.0	62.4	.0	167.6	328.4	504.6	-176.2	1.83	2.08

Note: NPR is non-permanent residents; TPOP is total population; P20-64 is population aged 20 to 64; LF is total labour force. All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA

ID: Immigrant Education Same as Rest

DATE: 7JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.50	10.2	7.3	3.0	78.4	82.6	17.5	20.8	67.8	46.7
2011	1.50	10.1	7.5	2.7	79.5	83.2	18.1	21.2	67.3	46.9
2016	1.50	10.0	7.7	2.2	80.4	83.8	18.5	21.5	66.1	46.9
2021	1.50	9.7	8.1	1.5	81.0	84.2	18.9	21.8	64.0	46.7
2026	1.50	9.1	8.8	.4	81.5	84.6	19.1	22.1	61.8	46.6
2031	1.50	8.6	9.6	-1.0	81.8	85.0	19.4	22.4	60.2	46.7
2036	1.50	8.4	10.7	-2.3	82.1	85.3	19.5	22.6	59.2	46.7
2041	1.50	8.4	11.7	-3.3	82.4	85.6	19.7	22.8	58.6	46.6
2046	1.50	8.4	12.5	-4.1	82.6	85.9	19.9	23.0	58.1	46.6
2051	1.50	8.4	12.9	-4.5	82.8	86.1	20.0	23.2	57.6	46.6

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA

ID: Immigrant Education Same as Rest

DATE: 7JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	37.9	39.8	42.3	74.4	40.5	40.7	40.2	7.2
2011	40.3	39.4	41.2	43.0	73.9	41.0	41.3	40.7	7.2
2016	41.4	40.6	42.3	43.1	73.2	41.2	41.5	40.9	7.2
2021	42.6	41.8	43.4	43.1	73.3	41.4	41.8	41.0	7.2
2026	43.8	43.1	44.6	43.3	73.6	41.7	42.1	41.2	7.2
2031	45.0	44.2	45.7	43.4	74.3	41.9	42.3	41.4	7.2
2036	46.0	45.2	46.7	43.8	75.4	42.3	42.7	41.8	7.2
2041	46.8	45.9	47.7	44.1	76.3	42.5	42.9	42.0	7.2
2046	47.2	46.2	48.2	44.0	76.4	42.3	42.8	41.8	7.2
2051	47.2	46.2	48.3	43.7	76.1	42.1	42.6	41.6	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Immigrant Education Same as Rest

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ- ment ETOT	Gross Domestic Product GDP	Consump- tion CONSUM	Fixed Invest- ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32485.	17755.	16476.	1203.3	652.1	273.9	230.9	3282.3
2011	33850.	18635.	17294.	1391.0	753.8	322.2	267.0	3992.2
2016	35157.	19124.	17747.	1570.2	851.0	369.1	301.4	4769.7
2021	36361.	19150.	17771.	1726.3	935.5	411.3	331.3	5593.6
2026	37386.	19064.	17692.	1868.8	1012.8	450.4	358.7	6439.4
2031	38155.	19019.	17650.	1995.7	1081.5	485.7	383.0	7291.5
2036	38657.	19049.	17677.	2122.8	1150.4	520.4	407.4	8142.1
2041	38932.	19052.	17680.	2243.7	1216.0	553.4	430.6	8989.0
2046	39034.	18950.	17586.	2354.5	1276.0	583.9	451.9	9825.9
2051	39022.	18759.	17408.	2455.8	1330.9	612.0	471.3	10645.2

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Immigrant Education Same as Rest

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ- ment ETOT	Gross Domestic Product GDP	Consump- tion CONSUM	Fixed Invest- ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.7	9.8	9.8	16.2	18.5	32.8	19.1	19.6
2011	4.2	5.0	5.0	15.6	15.6	17.7	15.6	21.6
2016	3.9	2.6	2.6	12.9	12.9	14.5	12.9	19.5
2021	3.4	.1	.1	9.9	9.9	11.4	9.9	17.3
2026	2.8	-.4	-.4	8.3	8.3	9.5	8.3	15.1
2031	2.1	-.2	-.2	6.8	6.8	7.9	6.8	13.2
2036	1.3	.2	.2	6.4	6.4	7.1	6.4	11.7
2041	.7	.0	.0	5.7	5.7	6.3	5.7	10.4
2046	.3	-.5	-.5	4.9	4.9	5.5	4.9	9.3
2051	.0	-1.0	-1.0	4.3	4.3	4.8	4.3	8.3

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES

ID: Immigrant Education Same as Rest

DATE: 7JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	110.9	10.9	54.2	22.8	19.2	.0	7.2	2.7
2011	123.1	10.9	54.2	23.2	19.2	.0	7.2	2.9
2016	133.7	8.7	54.2	23.5	19.2	.0	7.2	3.0
2021	142.2	6.3	54.2	23.8	19.2	.0	7.2	3.2
2026	149.7	5.3	54.2	24.1	19.2	.0	7.2	3.4
2031	156.6	4.6	54.2	24.3	19.2	.0	7.2	3.7
2036	164.4	5.0	54.2	24.5	19.2	.0	7.2	3.8
2041	172.6	5.0	54.2	24.7	19.2	.0	7.2	4.0
2046	180.6	4.7	54.2	24.8	19.2	.0	7.2	4.2
2051	188.5	4.3	54.2	24.9	19.2	.0	7.2	4.3

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES

ID: Immigrant Education Same as Rest

DATE: 7JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	105.8	5.8	97.1	-2.9	108.9	8.9
2011	116.5	10.1	92.3	-5.0	126.2	15.9
2016	128.1	10.0	87.2	-5.5	146.9	16.4
2021	140.7	9.8	81.8	-6.3	172.1	17.1
2026	153.0	8.7	76.9	-6.0	199.0	15.6
2031	163.8	7.0	72.5	-5.7	225.9	13.5
2036	173.9	6.2	69.1	-4.7	251.8	11.5
2041	183.8	5.7	66.1	-4.3	278.0	10.4
2046	193.9	5.5	63.5	-4.0	305.5	9.9
2051	204.3	5.4	61.1	-3.7	334.3	9.4

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Immigrant Education Same as Rest

BOTH SEXES
 DATE: 7JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.5	16.3	19.2	9.6	30.0	11.9	5.5	1.3	11.2	22.4	27.4	28.5	8.1	1.0
2011	5.7	14.9	18.8	10.1	31.7	13.1	5.7	1.1	10.9	21.6	28.6	28.6	8.1	1.0
2016	4.2	13.3	18.4	10.6	33.0	14.2	6.1	1.1	10.6	20.8	29.8	28.6	8.0	1.1
2021	3.2	12.1	17.9	11.0	34.3	15.1	6.3	1.1	10.3	19.9	31.0	28.6	8.0	1.1
2026	2.4	11.3	17.5	11.7	35.2	15.6	6.4	1.1	10.0	19.1	32.1	28.6	8.0	1.1
2031	2.0	10.8	16.7	12.3	35.8	16.0	6.4	1.1	9.7	18.3	33.3	28.6	7.9	1.1
2036	1.7	9.9	15.6	13.1	36.5	16.7	6.5	1.1	9.4	17.5	34.4	28.6	7.9	1.1
2041	1.4	9.0	14.2	14.0	37.0	17.7	6.7	1.1	9.1	16.7	35.5	28.6	7.9	1.1
2046	1.3	7.9	12.9	14.8	38.0	18.3	6.9	1.0	8.5	16.0	36.6	28.7	7.9	1.1
2051	1.2	7.2	12.4	15.9	38.2	18.2	6.9	1.0	8.0	15.3	37.8	28.8	7.9	1.1

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: Higher Education of Population

DATE: 12JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32485.	1464.	4.72	17755.	1587.	9.81	12884.	2.52	17.3	13.2
2011	33850.	1365.	4.20	18635.	881.	4.96	13791.	2.45	15.9	14.4
2016	35157.	1308.	3.86	19124.	489.	2.62	14680.	2.39	15.4	16.6
2021	36361.	1203.	3.42	19150.	26.	.14	15517.	2.34	15.2	19.0
2026	37386.	1025.	2.82	19064.	-85.	-.45	16194.	2.31	14.9	21.7
2031	38155.	769.	2.06	19019.	-45.	-.24	16713.	2.28	14.4	24.0
2036	38657.	502.	1.32	19049.	30.	.16	17069.	2.26	13.9	25.1
2041	38932.	274.	.71	19052.	3.	.02	17291.	2.25	13.5	25.7
2046	39033.	102.	.26	18950.	-102.	-.54	17414.	2.24	13.4	26.3
2051	39022.	-12.	-.03	18759.	-191.	-1.01	17461.	2.23	13.5	26.9

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: Higher Education of Population

DATE: 12JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	230.0	48.4	.0	181.6	330.2	234.6	95.6	1.59	1.83
2011	230.0	50.8	.0	179.2	342.0	251.3	90.7	1.58	1.82
2016	230.0	53.2	.0	176.8	349.4	271.3	78.1	1.60	1.84
2021	230.0	55.5	.0	174.5	350.2	295.3	54.9	1.65	1.90
2026	230.0	57.5	.0	172.5	340.8	326.9	13.9	1.72	1.96
2031	230.0	59.2	.0	170.8	328.5	367.4	-38.9	1.77	2.01
2036	230.0	60.5	.0	169.5	324.0	412.9	-88.9	1.79	2.03
2041	230.0	61.4	.0	168.6	326.5	455.8	-129.3	1.80	2.04
2046	230.0	62.0	.0	168.0	329.2	487.7	-158.5	1.81	2.06
2051	230.0	62.4	.0	167.6	328.4	504.6	-176.2	1.83	2.08

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA
 ID: Higher Education of Population

DATE: 12JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.50	10.2	7.3	3.0	78.4	82.6	17.5	20.8	67.8	46.7
2011	1.50	10.1	7.5	2.7	79.5	83.2	18.1	21.2	67.3	46.9
2016	1.50	10.0	7.7	2.2	80.4	83.8	18.5	21.5	66.1	46.9
2021	1.50	9.7	8.1	1.5	81.0	84.2	18.9	21.8	64.0	46.7
2026	1.50	9.1	8.8	.4	81.5	84.6	19.1	22.1	61.8	46.6
2031	1.50	8.6	9.6	-1.0	81.8	85.0	19.4	22.4	60.2	46.7
2036	1.50	8.4	10.7	-2.3	82.1	85.3	19.5	22.6	59.2	46.7
2041	1.50	8.4	11.7	-3.3	82.4	85.6	19.7	22.8	58.6	46.6
2046	1.50	8.4	12.5	-4.1	82.6	85.9	19.9	23.0	58.1	46.6
2051	1.50	8.4	12.9	-4.5	82.8	86.1	20.0	23.2	57.6	46.6

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA
 ID: Higher Education of Population

DATE: 12JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	37.9	39.8	42.3	74.4	40.5	40.7	40.2	7.2
2011	40.3	39.4	41.2	43.0	73.9	41.0	41.3	40.7	7.2
2016	41.4	40.6	42.3	43.1	73.2	41.2	41.5	40.9	7.2
2021	42.6	41.8	43.4	43.1	73.3	41.4	41.8	41.0	7.2
2026	43.8	43.1	44.6	43.3	73.6	41.7	42.1	41.2	7.2
2031	45.0	44.2	45.7	43.4	74.3	41.9	42.3	41.4	7.2
2036	46.0	45.2	46.7	43.8	75.4	42.3	42.7	41.8	7.2
2041	46.8	45.9	47.7	44.1	76.3	42.5	42.9	42.0	7.2
2046	47.2	46.2	48.2	44.0	76.4	42.3	42.8	41.8	7.2
2051	47.2	46.2	48.3	43.7	76.1	42.1	42.6	41.6	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Higher Education of Population

DATE: 12JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32485.	17755.	16476.	1211.3	656.5	275.5	232.5	3285.1
2011	33850.	18635.	17294.	1412.0	765.2	326.5	271.0	4006.3
2016	35157.	19124.	17747.	1609.3	872.2	377.2	308.9	4806.9
2021	36361.	19150.	17771.	1787.9	968.9	424.4	343.1	5668.7
2026	37386.	19064.	17692.	1957.6	1060.9	469.7	375.7	6569.1
2031	38155.	19019.	17650.	2116.6	1147.1	512.4	406.2	7494.6
2036	38657.	19049.	17677.	2279.2	1235.2	555.5	437.5	8438.3
2041	38932.	19052.	17680.	2435.1	1319.7	596.9	467.4	9397.4
2046	39034.	18950.	17586.	2576.2	1396.1	635.2	494.4	10361.2
2051	39022.	18759.	17408.	2703.7	1465.2	670.4	518.9	11316.0

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Higher Education of Population

DATE: 12JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.7	9.8	9.8	16.9	19.3	33.5	19.9	19.7
2011	4.2	5.0	5.0	16.6	16.6	18.5	16.6	22.0
2016	3.9	2.6	2.6	14.0	14.0	15.5	14.0	20.0
2021	3.4	.1	.1	11.1	11.1	12.5	11.1	17.9
2026	2.8	-.4	-.4	9.5	9.5	10.7	9.5	15.9
2031	2.1	-.2	-.2	8.1	8.1	9.1	8.1	14.1
2036	1.3	.2	.2	7.7	7.7	8.4	7.7	12.6
2041	.7	.0	.0	6.8	6.8	7.5	6.8	11.4
2046	.3	-.5	-.5	5.8	5.8	6.4	5.8	10.3
2051	.0	-1.0	-1.0	4.9	4.9	5.5	4.9	9.2

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES

ID: Higher Education of Population

DATE: 12JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	111.7	11.7	54.2	22.7	19.2	.0	7.2	2.7
2011	124.9	11.9	54.2	23.1	19.2	.0	7.2	2.8
2016	137.1	9.7	54.2	23.4	19.2	.0	7.2	3.0
2021	147.2	7.4	54.2	23.7	19.2	.0	7.2	3.2
2026	156.8	6.5	54.2	24.0	19.2	.0	7.2	3.4
2031	166.1	5.9	54.2	24.2	19.2	.0	7.2	3.5
2036	176.6	6.3	54.2	24.4	19.2	.0	7.2	3.7
2041	187.3	6.1	54.2	24.5	19.2	.0	7.2	3.9
2046	197.6	5.5	54.2	24.7	19.2	.0	7.2	4.0
2051	207.5	5.0	54.2	24.8	19.2	.0	7.2	4.2

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES

ID: Higher Education of Population

DATE: 12JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	106.5	6.5	97.7	-2.3	109.0	9.0
2011	118.3	11.1	93.4	-4.4	126.7	16.2
2016	131.3	11.1	88.7	-5.0	148.1	16.9
2021	145.7	10.9	83.6	-5.8	174.4	17.8
2026	160.3	10.0	78.9	-5.5	203.0	16.4
2031	173.7	8.4	74.8	-5.2	232.2	14.4
2036	186.7	7.5	71.6	-4.4	261.0	12.4
2041	199.5	6.8	68.6	-4.1	290.6	11.3
2046	212.2	6.4	65.9	-4.0	322.1	10.8
2051	224.9	6.0	63.3	-3.9	355.4	10.3

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Higher Education of Population

BOTH SEXES
 DATE: 12JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	15.0	18.7	9.3	30.2	12.7	6.5	1.2	.1	23.2	30.2	33.9	10.0	1.4
2011	5.8	13.0	17.5	9.0	32.2	14.8	7.7	1.2	.1	20.7	30.9	34.8	10.6	1.6
2016	4.2	11.1	16.1	8.4	34.0	17.1	9.1	1.2	.1	18.7	31.8	35.3	11.1	1.8
2021	3.2	9.7	14.7	7.9	35.5	18.9	10.1	1.3	.1	17.3	33.7	34.5	11.1	2.0
2026	2.4	8.8	13.5	7.8	36.5	20.1	10.9	1.4	.1	15.9	35.6	33.8	11.1	2.1
2031	2.1	8.0	12.0	7.7	37.5	21.2	11.5	1.4	.1	14.6	37.5	33.0	11.1	2.2
2036	1.9	6.9	10.3	7.6	38.4	22.7	12.2	1.5	.1	13.4	39.2	32.4	11.1	2.3
2041	1.6	5.8	8.4	7.4	39.2	24.5	13.1	1.5	.1	12.1	40.9	31.7	11.2	2.5
2046	1.4	4.4	6.5	6.8	40.7	26.0	14.2	1.6	.1	11.3	42.3	30.9	11.2	2.6
2051	1.4	3.3	5.2	5.8	41.7	27.5	15.2	1.6	.1	10.8	43.6	30.1	11.1	2.7

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: Higher Productivity

DATE: 7JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32485.	1464.	4.72	17755.	1587.	9.81	12884.	2.52	17.3	13.2
2011	33850.	1365.	4.20	18635.	881.	4.96	13791.	2.45	15.9	14.4
2016	35157.	1308.	3.86	19124.	489.	2.62	14680.	2.39	15.4	16.6
2021	36361.	1203.	3.42	19150.	26.	.14	15517.	2.34	15.2	19.0
2026	37386.	1025.	2.82	19064.	-85.	-.45	16194.	2.31	14.9	21.7
2031	38155.	769.	2.06	19019.	-45.	-.24	16713.	2.28	14.4	24.0
2036	38657.	502.	1.32	19049.	30.	.16	17069.	2.26	13.9	25.1
2041	38932.	274.	.71	19052.	3.	.02	17291.	2.25	13.5	25.7
2046	39033.	102.	.26	18950.	-102.	-.54	17414.	2.24	13.4	26.3
2051	39022.	-12.	-.03	18759.	-191.	-1.01	17461.	2.23	13.5	26.9

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: Higher Productivity

DATE: 7JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	230.0	48.4	.0	181.6	330.2	234.6	95.6	1.59	1.83
2011	230.0	50.8	.0	179.2	342.0	251.3	90.7	1.58	1.82
2016	230.0	53.2	.0	176.8	349.4	271.3	78.1	1.60	1.84
2021	230.0	55.5	.0	174.5	350.2	295.3	54.9	1.65	1.90
2026	230.0	57.5	.0	172.5	340.8	326.9	13.9	1.72	1.96
2031	230.0	59.2	.0	170.8	328.5	367.4	-38.9	1.77	2.01
2036	230.0	60.5	.0	169.5	324.0	412.9	-88.9	1.79	2.03
2041	230.0	61.4	.0	168.6	326.5	455.8	-129.3	1.80	2.04
2046	230.0	62.0	.0	168.0	329.2	487.7	-158.5	1.81	2.06
2051	230.0	62.4	.0	167.6	328.4	504.6	-176.2	1.83	2.08

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA
 ID: Higher Productivity

DATE: 7JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.50	10.2	7.3	3.0	78.4	82.6	17.5	20.8	67.8	46.7
2011	1.50	10.1	7.5	2.7	79.5	83.2	18.1	21.2	67.3	46.9
2016	1.50	10.0	7.7	2.2	80.4	83.8	18.5	21.5	66.1	46.9
2021	1.50	9.7	8.1	1.5	81.0	84.2	18.9	21.8	64.0	46.7
2026	1.50	9.1	8.8	.4	81.5	84.6	19.1	22.1	61.8	46.6
2031	1.50	8.6	9.6	-1.0	81.8	85.0	19.4	22.4	60.2	46.7
2036	1.50	8.4	10.7	-2.3	82.1	85.3	19.5	22.6	59.2	46.7
2041	1.50	8.4	11.7	-3.3	82.4	85.6	19.7	22.8	58.6	46.6
2046	1.50	8.4	12.5	-4.1	82.6	85.9	19.9	23.0	58.1	46.6
2051	1.50	8.4	12.9	-4.5	82.8	86.1	20.0	23.2	57.6	46.6

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA
 ID: Higher Productivity

DATE: 7JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	37.9	39.8	42.3	74.4	40.5	40.7	40.2	7.2
2011	40.3	39.4	41.2	43.0	73.9	41.0	41.3	40.7	7.2
2016	41.4	40.6	42.3	43.1	73.2	41.2	41.5	40.9	7.2
2021	42.6	41.8	43.4	43.1	73.3	41.4	41.8	41.0	7.2
2026	43.8	43.1	44.6	43.3	73.6	41.7	42.1	41.2	7.2
2031	45.0	44.2	45.7	43.4	74.3	41.9	42.3	41.4	7.2
2036	46.0	45.2	46.7	43.8	75.4	42.3	42.7	41.8	7.2
2041	46.8	45.9	47.7	44.1	76.3	42.5	42.9	42.0	7.2
2046	47.2	46.2	48.2	44.0	76.4	42.3	42.8	41.8	7.2
2051	47.2	46.2	48.3	43.7	76.1	42.1	42.6	41.6	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
ID: Higher Productivity

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32485.	17755.	16476.	1221.9	662.2	277.4	234.5	3285.6
2011	33850.	18635.	17294.	1456.3	789.2	335.2	279.5	4027.3
2016	35157.	19124.	17747.	1696.9	919.6	395.2	325.7	4879.0
2021	36361.	19150.	17771.	1927.9	1044.8	454.1	370.0	5827.0
2026	37386.	19064.	17692.	2158.4	1169.7	513.2	414.3	6851.8
2031	38155.	19019.	17650.	2384.4	1292.2	571.6	457.6	7941.6
2036	38657.	19049.	17677.	2623.9	1422.0	632.7	503.6	9091.1
2041	38932.	19052.	17680.	2870.4	1555.6	695.6	550.9	10301.9
2046	39034.	18950.	17586.	3119.4	1690.5	759.3	598.7	11570.6
2051	39022.	18759.	17408.	3371.5	1827.1	823.8	647.1	12891.7

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
ID: Higher Productivity

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.7	9.8	9.8	18.0	20.4	34.5	21.0	19.7
2011	4.2	5.0	5.0	19.2	19.2	20.8	19.2	22.6
2016	3.9	2.6	2.6	16.5	16.5	17.9	16.5	21.1
2021	3.4	.1	.1	13.6	13.6	14.9	13.6	19.4
2026	2.8	-.4	-.4	12.0	12.0	13.0	12.0	17.6
2031	2.1	-.2	-.2	10.5	10.5	11.4	10.5	15.9
2036	1.3	.2	.2	10.0	10.0	10.7	10.0	14.5
2041	.7	.0	.0	9.4	9.4	9.9	9.4	13.3
2046	.3	-.5	-.5	8.7	8.7	9.2	8.7	12.3
2051	.0	-1.0	-1.0	8.1	8.1	8.5	8.1	11.4

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
 ID: Higher Productivity

DATE: 7JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	112.6	12.6	54.2	22.7	19.2	.0	7.2	2.7
2011	128.8	14.4	54.2	23.0	19.2	.0	7.2	2.8
2016	144.5	12.2	54.2	23.3	19.2	.0	7.2	2.9
2021	158.8	9.9	54.2	23.6	19.2	.0	7.2	3.0
2026	172.9	8.9	54.2	23.8	19.2	.0	7.2	3.2
2031	187.1	8.2	54.2	24.0	19.2	.0	7.2	3.3
2036	203.3	8.6	54.2	24.1	19.2	.0	7.2	3.5
2041	220.8	8.6	54.2	24.2	19.2	.0	7.2	3.6
2046	239.3	8.4	54.2	24.3	19.2	.0	7.2	3.7
2051	258.7	8.1	54.2	24.4	19.2	.0	7.2	3.8

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
 ID: Higher Productivity

DATE: 7JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	107.4	7.4	98.5	-1.5	109.0	9.0
2011	122.0	13.5	95.8	-2.8	127.3	16.8
2016	138.5	13.5	92.1	-3.8	150.3	18.1
2021	157.1	13.5	87.6	-4.9	179.3	19.3
2026	176.7	12.5	83.5	-4.8	211.7	18.1
2031	195.7	10.7	79.5	-4.7	246.0	16.2
2036	215.0	9.9	76.5	-3.9	281.2	14.3
2041	235.1	9.4	73.8	-3.5	318.6	13.3
2046	256.9	9.3	71.4	-3.2	359.7	12.9
2051	280.5	9.2	69.3	-3.0	404.9	12.6

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Higher Productivity

BOTH SEXES
 DATE: 7JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.9	9.5	29.3	12.2	6.2	1.6	11.5	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.8	18.2	10.0	30.4	13.7	7.1	1.5	11.5	21.0	29.1	27.6	8.1	1.2
2016	4.4	13.1	17.7	10.4	31.3	15.1	7.9	1.6	11.4	19.9	30.5	27.2	8.1	1.3
2021	3.4	11.8	17.0	10.8	32.1	16.4	8.5	1.7	11.4	18.8	31.9	26.7	8.1	1.4
2026	2.6	11.1	16.4	11.4	32.6	17.1	8.8	1.8	11.3	17.7	33.4	26.2	8.1	1.5
2031	2.3	10.5	15.5	12.0	33.0	17.7	9.1	1.9	11.2	16.7	34.8	25.8	8.1	1.6
2036	2.0	9.6	14.4	12.8	33.3	18.6	9.4	1.9	11.1	15.7	36.2	25.3	8.1	1.7
2041	1.7	8.7	12.9	13.6	33.4	19.8	9.9	2.0	11.0	14.7	37.6	24.8	8.1	1.8
2046	1.6	7.6	11.5	14.3	34.1	20.6	10.3	2.1	10.6	13.8	39.1	24.5	8.1	1.9
2051	1.5	6.9	10.9	15.4	33.8	20.8	10.6	2.2	10.3	12.9	40.5	24.1	8.1	2.0

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: Rapid Economic Growth

DATE: 11JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32485.	1464.	4.72	17820.	1652.	10.22	12884.	2.52	17.3	13.2
2011	33850.	1365.	4.20	19020.	1200.	6.74	13791.	2.45	15.9	14.4
2016	35157.	1308.	3.86	19925.	905.	4.76	14680.	2.39	15.4	16.6
2021	36361.	1203.	3.42	19978.	53.	.26	15517.	2.34	15.2	19.0
2026	37386.	1025.	2.82	19879.	-99.	-.49	16194.	2.31	14.9	21.7
2031	38155.	769.	2.06	19805.	-74.	-.37	16713.	2.28	14.4	24.0
2036	38657.	502.	1.32	19838.	33.	.17	17069.	2.26	13.9	25.1
2041	38932.	274.	.71	19856.	18.	.09	17291.	2.25	13.5	25.7
2046	39033.	102.	.26	19757.	-99.	-.50	17414.	2.24	13.4	26.3
2051	39022.	-12.	-.03	19565.	-193.	-.97	17461.	2.23	13.5	26.9

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: Rapid Economic Growth

DATE: 11JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	230.0	48.4	.0	181.6	330.2	234.6	95.6	1.59	1.82
2011	230.0	50.8	.0	179.2	342.0	251.3	90.7	1.58	1.78
2016	230.0	53.2	.0	176.8	349.4	271.3	78.1	1.60	1.76
2021	230.0	55.5	.0	174.5	350.2	295.3	54.9	1.65	1.82
2026	230.0	57.5	.0	172.5	340.8	326.9	13.9	1.72	1.88
2031	230.0	59.2	.0	170.8	328.5	367.4	-38.9	1.77	1.93
2036	230.0	60.5	.0	169.5	324.0	412.9	-88.9	1.79	1.95
2041	230.0	61.4	.0	168.6	326.5	455.8	-129.3	1.80	1.96
2046	230.0	62.0	.0	168.0	329.2	487.7	-158.5	1.81	1.98
2051	230.0	62.4	.0	167.6	328.4	504.6	-176.2	1.83	1.99

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA
 ID: Rapid Economic Growth

DATE: 11JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.50	10.2	7.3	3.0	78.4	82.6	17.5	20.8	68.1	46.6
2011	1.50	10.1	7.5	2.7	79.5	83.2	18.1	21.2	68.7	46.9
2016	1.50	10.0	7.7	2.2	80.4	83.8	18.5	21.5	68.9	47.0
2021	1.50	9.7	8.1	1.5	81.0	84.2	18.9	21.8	66.7	46.9
2026	1.50	9.1	8.8	.4	81.5	84.6	19.1	22.1	64.5	46.8
2031	1.50	8.6	9.6	-1.0	81.8	85.0	19.4	22.4	62.7	46.8
2036	1.50	8.4	10.7	-2.3	82.1	85.3	19.5	22.6	61.7	46.8
2041	1.50	8.4	11.7	-3.3	82.4	85.6	19.7	22.8	61.1	46.8
2046	1.50	8.4	12.5	-4.1	82.6	85.9	19.9	23.0	60.6	46.7
2051	1.50	8.4	12.9	-4.5	82.8	86.1	20.0	23.2	60.1	46.7

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA
 ID: Rapid Economic Growth

DATE: 11JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	37.9	39.8	42.3	74.4	40.5	40.7	40.2	7.2
2011	40.3	39.4	41.2	43.0	73.9	41.0	41.3	40.7	7.2
2016	41.4	40.6	42.3	43.1	73.2	41.4	41.7	41.1	7.2
2021	42.6	41.8	43.4	43.1	73.3	41.6	42.0	41.2	7.2
2026	43.8	43.1	44.6	43.3	73.6	41.9	42.3	41.4	7.2
2031	45.0	44.2	45.7	43.4	74.3	42.1	42.5	41.6	7.2
2036	46.0	45.2	46.7	43.8	75.4	42.5	42.9	42.0	7.2
2041	46.8	45.9	47.7	44.1	76.3	42.7	43.1	42.2	7.2
2046	47.2	46.2	48.2	44.0	76.4	42.5	43.0	42.0	7.2
2051	47.2	46.2	48.3	43.7	76.1	42.3	42.8	41.8	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Rapid Economic Growth

DATE: 11JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ- ment ETOT	Gross Domestic Product GDP	Consump- tion CONSUM	Fixed Invest- ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32485.	17820.	16537.	1232.9	668.1	279.5	236.6	3286.9
2011	33850.	19020.	17651.	1514.8	820.9	346.8	290.7	4055.0
2016	35157.	19925.	18490.	1825.1	989.1	421.3	350.3	4977.8
2021	36361.	19978.	18539.	2115.2	1146.3	493.9	406.0	6048.3
2026	37386.	19879.	18448.	2402.3	1301.9	566.8	461.1	7231.1
2031	38155.	19805.	18379.	2686.3	1455.8	639.5	515.6	8508.3
2036	38657.	19838.	18410.	2993.8	1622.5	717.1	574.6	9875.2
2041	38932.	19856.	18427.	3313.8	1795.9	797.8	636.0	11336.9
2046	39034.	19757.	18335.	3630.9	1967.7	878.7	696.9	12886.9
2051	39022.	19565.	18156.	3945.1	2138.0	959.4	757.2	14510.0

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Rapid Economic Growth

DATE: 11JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ- ment ETOT	Gross Domestic Product GDP	Consump- tion CONSUM	Fixed Invest- ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.7	10.2	10.2	19.0	21.4	35.5	22.1	19.8
2011	4.2	6.7	6.7	22.9	22.9	24.1	22.9	23.4
2016	3.9	4.8	4.8	20.5	20.5	21.5	20.5	22.8
2021	3.4	.3	.3	15.9	15.9	17.2	15.9	21.5
2026	2.8	-.5	-.5	13.6	13.6	14.7	13.6	19.6
2031	2.1	-.4	-.4	11.8	11.8	12.8	11.8	17.7
2036	1.3	.2	.2	11.4	11.4	12.1	11.4	16.1
2041	.7	.1	.1	10.7	10.7	11.3	10.7	14.8
2046	.3	-.5	-.5	9.6	9.6	10.1	9.6	13.7
2051	.0	-1.0	-1.0	8.7	8.7	9.2	8.7	12.6

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
 ID: Rapid Economic Growth

DATE: 11JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	113.6	13.6	54.2	22.7	19.2	.0	7.2	2.7
2011	134.0	17.9	54.2	22.9	19.2	.0	7.2	2.7
2016	155.5	16.0	54.2	23.1	19.2	.0	7.2	2.7
2021	174.2	12.1	54.2	23.4	19.2	.0	7.2	2.9
2026	192.4	10.5	54.2	23.6	19.2	.0	7.2	3.0
2031	210.8	9.6	54.2	23.8	19.2	.0	7.2	3.2
2036	231.9	10.0	54.2	24.0	19.2	.0	7.2	3.3
2041	254.9	9.9	54.2	24.1	19.2	.0	7.2	3.4
2046	278.5	9.3	54.2	24.2	19.2	.0	7.2	3.5
2051	302.7	8.7	54.2	24.3	19.2	.0	7.2	3.7

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
 ID: Rapid Economic Growth

DATE: 11JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	108.0	8.0	99.4	-.6	108.7	8.7
2011	124.3	15.1	99.0	-.4	125.6	15.6
2016	143.0	15.0	97.1	-1.8	147.2	17.2
2021	165.2	15.6	92.6	-4.6	178.4	21.2
2026	188.6	14.1	88.0	-5.0	214.3	20.1
2031	211.7	12.2	83.6	-5.0	253.1	18.1
2036	235.5	11.3	80.3	-4.0	293.3	15.9
2041	260.5	10.6	77.4	-3.6	336.4	14.7
2046	286.8	10.1	74.6	-3.6	384.3	14.2
2051	314.7	9.7	72.0	-3.5	436.9	13.7

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Rapid Economic Growth

BOTH SEXES
 DATE: 11JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	15.0	18.7	9.3	30.2	12.7	6.5	1.2	.1	23.2	30.2	33.9	10.0	1.4
2011	5.8	13.0	17.5	9.0	32.2	14.8	7.7	1.2	.1	20.7	30.9	34.8	10.6	1.6
2016	4.2	11.1	16.1	8.4	34.0	17.1	9.1	1.2	.1	18.7	31.8	35.3	11.1	1.8
2021	3.2	9.7	14.7	7.9	35.5	18.9	10.1	1.3	.1	17.3	33.7	34.5	11.1	2.0
2026	2.4	8.8	13.5	7.8	36.5	20.1	10.9	1.4	.1	15.9	35.6	33.8	11.1	2.1
2031	2.1	8.0	12.0	7.7	37.5	21.2	11.5	1.4	.1	14.6	37.5	33.0	11.1	2.2
2036	1.9	6.9	10.3	7.6	38.4	22.7	12.2	1.5	.1	13.4	39.2	32.4	11.1	2.3
2041	1.6	5.8	8.4	7.4	39.2	24.5	13.1	1.5	.1	12.1	40.9	31.7	11.2	2.5
2046	1.4	4.4	6.5	6.8	40.7	26.0	14.2	1.6	.1	11.3	42.3	30.9	11.2	2.6
2051	1.4	3.3	5.2	5.8	41.7	27.5	15.2	1.6	.1	10.8	43.6	30.1	11.1	2.7

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
 ID: Slow Economic Growth

DATE: 7JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32485.	1464.	4.72	17755.	1587.	9.81	12884.	2.52	17.3	13.2
2011	33850.	1365.	4.20	18635.	881.	4.96	13791.	2.45	15.9	14.4
2016	35157.	1308.	3.86	19124.	489.	2.62	14680.	2.39	15.4	16.6
2021	36361.	1203.	3.42	19150.	26.	.14	15517.	2.34	15.2	19.0
2026	37386.	1025.	2.82	19064.	-85.	-.45	16194.	2.31	14.9	21.7
2031	38155.	769.	2.06	19019.	-45.	-.24	16713.	2.28	14.4	24.0
2036	38657.	502.	1.32	19049.	30.	.16	17069.	2.26	13.9	25.1
2041	38932.	274.	.71	19052.	3.	.02	17291.	2.25	13.5	25.7
2046	39033.	102.	.26	18950.	-102.	-.54	17414.	2.24	13.4	26.3
2051	39022.	-12.	-.03	18759.	-191.	-1.01	17461.	2.23	13.5	26.9

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
 ID: Slow Economic Growth

DATE: 7JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	230.0	48.4	.0	181.6	330.2	234.6	95.6	1.59	1.83
2011	230.0	50.8	.0	179.2	342.0	251.3	90.7	1.58	1.82
2016	230.0	53.2	.0	176.8	349.4	271.3	78.1	1.60	1.84
2021	230.0	55.5	.0	174.5	350.2	295.3	54.9	1.65	1.90
2026	230.0	57.5	.0	172.5	340.8	326.9	13.9	1.72	1.96
2031	230.0	59.2	.0	170.8	328.5	367.4	-38.9	1.77	2.01
2036	230.0	60.5	.0	169.5	324.0	412.9	-88.9	1.79	2.03
2041	230.0	61.4	.0	168.6	326.5	455.8	-129.3	1.80	2.04
2046	230.0	62.0	.0	168.0	329.2	487.7	-158.5	1.81	2.06
2051	230.0	62.4	.0	167.6	328.4	504.6	-176.2	1.83	2.08

Note: NPR is non-permanent residents; TPOP is total population;
 P20-64 is population aged 20 to 64; LF is total labour force.
 All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA
 ID: Slow Economic Growth

DATE: 7JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.50	10.2	7.3	3.0	78.4	82.6	17.5	20.8	67.8	46.7
2011	1.50	10.1	7.5	2.7	79.5	83.2	18.1	21.2	67.3	46.9
2016	1.50	10.0	7.7	2.2	80.4	83.8	18.5	21.5	66.1	46.9
2021	1.50	9.7	8.1	1.5	81.0	84.2	18.9	21.8	64.0	46.7
2026	1.50	9.1	8.8	.4	81.5	84.6	19.1	22.1	61.8	46.6
2031	1.50	8.6	9.6	-1.0	81.8	85.0	19.4	22.4	60.2	46.7
2036	1.50	8.4	10.7	-2.3	82.1	85.3	19.5	22.6	59.2	46.7
2041	1.50	8.4	11.7	-3.3	82.4	85.6	19.7	22.8	58.6	46.6
2046	1.50	8.4	12.5	-4.1	82.6	85.9	19.9	23.0	58.1	46.6
2051	1.50	8.4	12.9	-4.5	82.8	86.1	20.0	23.2	57.6	46.6

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA
 ID: Slow Economic Growth

DATE: 7JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.9	37.9	39.8	42.3	74.4	40.5	40.7	40.2	7.2
2011	40.3	39.4	41.2	43.0	73.9	41.0	41.3	40.7	7.2
2016	41.4	40.6	42.3	43.1	73.2	41.2	41.5	40.9	7.2
2021	42.6	41.8	43.4	43.1	73.3	41.4	41.8	41.0	7.2
2026	43.8	43.1	44.6	43.3	73.6	41.7	42.1	41.2	7.2
2031	45.0	44.2	45.7	43.4	74.3	41.9	42.3	41.4	7.2
2036	46.0	45.2	46.7	43.8	75.4	42.3	42.7	41.8	7.2
2041	46.8	45.9	47.7	44.1	76.3	42.5	42.9	42.0	7.2
2046	47.2	46.2	48.2	44.0	76.4	42.3	42.8	41.8	7.2
2051	47.2	46.2	48.3	43.7	76.1	42.1	42.6	41.6	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Slow Economic Growth

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32485.	17755.	16476.	1197.7	649.1	272.9	229.9	3283.5
2011	33850.	18635.	17294.	1358.9	736.5	315.9	260.8	3977.9
2016	35157.	19124.	17747.	1515.3	821.2	357.7	290.8	4721.1
2021	36361.	19150.	17771.	1645.0	891.5	393.9	315.7	5493.4
2026	37386.	19064.	17692.	1758.2	952.9	426.2	337.5	6269.9
2031	38155.	19019.	17650.	1853.2	1004.3	453.9	355.7	7035.0
2036	38657.	19049.	17677.	1944.0	1053.6	480.0	373.1	7780.0
2041	38932.	19052.	17680.	2026.4	1098.2	503.6	388.9	8502.2
2046	39034.	18950.	17586.	2097.6	1136.8	524.4	402.6	9196.2
2051	39022.	18759.	17408.	2158.7	1169.9	542.5	414.3	9856.4

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
 ID: Slow Economic Growth

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.7	9.8	9.8	15.6	18.0	32.3	18.6	19.6
2011	4.2	5.0	5.0	13.5	13.5	15.8	13.5	21.1
2016	3.9	2.6	2.6	11.5	11.5	13.2	11.5	18.7
2021	3.4	.1	.1	8.6	8.6	10.1	8.6	16.4
2026	2.8	-.4	-.4	6.9	6.9	8.2	6.9	14.1
2031	2.1	-.2	-.2	5.4	5.4	6.5	5.4	12.2
2036	1.3	.2	.2	4.9	4.9	5.7	4.9	10.6
2041	.7	.0	.0	4.2	4.2	4.9	4.2	9.3
2046	.3	-.5	-.5	3.5	3.5	4.1	3.5	8.2
2051	.0	-1.0	-1.0	2.9	2.9	3.5	2.9	7.2

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
 ID: Slow Economic Growth

DATE: 7JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	110.4	10.4	54.2	22.8	19.2	.0	7.2	2.7
2011	120.2	8.9	54.2	23.2	19.2	.0	7.2	2.9
2016	129.1	7.4	54.2	23.6	19.2	.0	7.2	3.1
2021	135.5	5.0	54.2	23.9	19.2	.0	7.2	3.3
2026	140.8	4.0	54.2	24.2	19.2	.0	7.2	3.6
2031	145.4	3.3	54.2	24.5	19.2	.0	7.2	3.8
2036	150.6	3.5	54.2	24.7	19.2	.0	7.2	4.0
2041	155.9	3.5	54.2	24.9	19.2	.0	7.2	4.2
2046	160.9	3.2	54.2	25.0	19.2	.0	7.2	4.4
2051	165.7	2.9	54.2	25.1	19.2	.0	7.2	4.6

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
 ID: Slow Economic Growth

DATE: 7JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	105.3	5.3	96.6	-3.4	109.0	9.0
2011	113.8	8.1	90.5	-6.3	125.8	15.4
2016	123.7	8.7	85.0	-6.0	145.4	15.7
2021	134.1	8.4	79.3	-6.7	169.0	16.2
2026	143.9	7.4	74.3	-6.4	193.8	14.6
2031	152.1	5.7	69.8	-6.1	217.9	12.5
2036	159.3	4.7	66.2	-5.1	240.6	10.4
2041	166.0	4.2	63.1	-4.6	262.9	9.3
2046	172.8	4.1	60.4	-4.3	285.9	8.7
2051	179.6	4.0	58.0	-4.0	309.5	8.3

Note: The growth rates show total growth over the preceding 5 years.

EDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Slow Economic Growth

BOTH SEXES
 DATE: 7JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.9	9.5	29.3	12.2	6.2	1.6	11.5	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.8	18.2	10.0	30.4	13.7	7.1	1.5	11.5	21.0	29.1	27.6	8.1	1.2
2016	4.4	13.1	17.7	10.4	31.3	15.1	7.9	1.6	11.4	19.9	30.5	27.2	8.1	1.3
2021	3.4	11.8	17.0	10.8	32.1	16.4	8.5	1.7	11.4	18.8	31.9	26.7	8.1	1.4
2026	2.6	11.1	16.4	11.4	32.6	17.1	8.8	1.8	11.3	17.7	33.4	26.2	8.1	1.5
2031	2.3	10.5	15.5	12.0	33.0	17.7	9.1	1.9	11.2	16.7	34.8	25.8	8.1	1.6
2036	2.0	9.6	14.4	12.8	33.3	18.6	9.4	1.9	11.1	15.7	36.2	25.3	8.1	1.7
2041	1.7	8.7	12.9	13.6	33.4	19.8	9.9	2.0	11.0	14.7	37.6	24.8	8.1	1.8
2046	1.6	7.6	11.5	14.3	34.1	20.6	10.3	2.1	10.6	13.8	39.1	24.5	8.1	1.9
2051	1.5	6.9	10.9	15.4	33.8	20.8	10.6	2.2	10.3	12.9	40.5	24.1	8.1	2.0

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
ID: Rapid Growth

DATE: 11JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32642.	1621.	5.22	17850.	1682.	10.40	12906.	2.53	17.6	13.2
2011	34717.	2076.	6.36	19210.	1360.	7.62	13926.	2.49	17.3	14.1
2016	37014.	2297.	6.62	20292.	1082.	5.63	14952.	2.48	18.4	15.8
2021	39250.	2236.	6.04	20581.	289.	1.43	15943.	2.46	19.3	17.7
2026	41335.	2085.	5.31	20934.	353.	1.72	16794.	2.46	19.3	19.9
2031	43226.	1892.	4.58	21551.	616.	2.94	17552.	2.46	18.5	21.7
2036	45012.	1786.	4.13	22372.	822.	3.81	18310.	2.46	18.0	22.4
2041	46802.	1790.	3.98	23188.	815.	3.64	19070.	2.45	18.0	22.5
2046	48597.	1795.	3.84	23886.	698.	3.01	19780.	2.46	18.5	22.6
2051	50349.	1753.	3.61	24563.	676.	2.83	20435.	2.46	19.0	22.7

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
ID: Rapid Growth

DATE: 11JUL2005

YEAR	IMMI- GRA- TION	EMI- GRA- TION	CHANGE IN NPR	NET IN- FLOW	BIRTHS	DEATHS	NAT- URAL INC- REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	280.0	48.5	.0	231.5	376.8	234.2	142.6	1.59	1.83
2011	280.0	51.9	.0	228.1	464.7	250.0	214.7	1.61	1.81
2016	280.0	55.7	.0	224.3	501.4	268.1	233.3	1.66	1.82
2021	280.0	59.6	.0	220.4	507.0	289.3	217.7	1.73	1.91
2026	280.0	63.3	.0	216.7	501.8	317.3	184.5	1.82	1.97
2031	280.0	66.7	.0	213.3	506.4	354.1	152.3	1.87	2.01
2036	280.0	70.0	.0	210.0	542.6	397.3	145.2	1.87	2.01
2041	280.0	73.3	.0	206.7	593.5	440.3	153.3	1.87	2.02
2046	280.0	76.7	.0	203.3	628.3	474.7	153.6	1.89	2.03
2051	280.0	80.0	.0	200.0	642.4	496.2	146.2	1.90	2.05

Note: NPR is non-permanent residents; TPOP is total population;
P20-64 is population aged 20 to 64; LF is total labour force.
All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA

ID: Rapid Growth

DATE: 11JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.74	11.6	7.2	4.4	78.4	82.7	17.5	20.8	68.1	46.6
2011	2.04	13.5	7.2	6.2	79.7	83.4	18.1	21.3	68.8	46.9
2016	2.10	13.6	7.3	6.3	80.6	84.0	18.7	21.7	69.0	47.1
2021	2.10	13.0	7.4	5.6	81.4	84.7	19.1	22.1	66.9	46.9
2026	2.10	12.2	7.7	4.5	82.1	85.3	19.5	22.6	64.7	46.9
2031	2.10	11.8	8.2	3.5	82.6	85.9	19.8	23.0	63.2	46.9
2036	2.10	12.1	8.9	3.2	83.1	86.4	20.2	23.4	62.7	46.9
2041	2.10	12.7	9.4	3.3	83.5	86.9	20.5	23.7	62.5	46.9
2046	2.10	13.0	9.8	3.2	83.9	87.4	20.7	24.1	62.4	46.9
2051	2.10	12.8	9.9	2.9	84.3	87.8	21.0	24.4	62.3	46.8

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA

ID: Rapid Growth

DATE: 11JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	38.7	37.8	39.7	42.3	74.4	40.5	40.7	40.2	7.2
2011	39.5	38.6	40.4	42.9	73.9	40.9	41.2	40.6	7.2
2016	39.9	39.1	40.7	42.9	73.2	41.3	41.6	40.9	7.2
2021	40.4	39.7	41.2	43.0	73.3	41.4	41.8	41.0	7.2
2026	41.0	40.3	41.8	43.0	73.7	41.4	41.9	40.9	7.2
2031	41.5	40.7	42.3	42.8	74.3	41.2	41.6	40.7	7.2
2036	41.8	40.9	42.7	42.6	75.4	40.9	41.4	40.5	7.2
2041	41.4	40.4	42.5	42.1	76.4	40.3	40.8	39.9	7.2
2046	40.6	39.5	41.6	41.3	76.5	39.7	40.1	39.3	7.2
2051	40.3	39.3	41.3	41.1	76.3	39.7	40.0	39.3	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
ID: Rapid Growth

DATE: 11JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32642.	17850.	16565.	1234.5	669.0	279.8	236.9	3286.9
2011	34717.	19210.	17827.	1527.0	827.5	349.1	293.1	4059.9
2016	37014.	20292.	18831.	1853.0	1004.2	427.0	355.6	4998.1
2021	39250.	20581.	19099.	2164.9	1173.2	504.3	415.5	6097.9
2026	41335.	20934.	19427.	2485.4	1346.9	584.4	477.0	7329.2
2031	43226.	21551.	19999.	2822.9	1529.8	668.6	541.8	8684.5
2036	45012.	22373.	20762.	3215.1	1742.4	764.6	617.1	10177.4
2041	46802.	23188.	21518.	3656.3	1981.5	871.9	701.8	11836.8
2046	48597.	23886.	22166.	4129.7	2238.1	987.7	792.6	13678.5
2051	50349.	24563.	22794.	4638.5	2513.8	1112.5	890.3	15707.0

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
ID: Rapid Growth

DATE: 11JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	5.2	10.4	10.4	19.2	21.6	35.6	22.2	19.8
2011	6.4	7.6	7.6	23.7	23.7	24.8	23.7	23.5
2016	6.6	5.6	5.6	21.3	21.3	22.3	21.3	23.1
2021	6.0	1.4	1.4	16.8	16.8	18.1	16.8	22.0
2026	5.3	1.7	1.7	14.8	14.8	15.9	14.8	20.2
2031	4.6	2.9	2.9	13.6	13.6	14.4	13.6	18.5
2036	4.1	3.8	3.8	13.9	13.9	14.3	13.9	17.2
2041	4.0	3.6	3.6	13.7	13.7	14.0	13.7	16.3
2046	3.8	3.0	3.0	12.9	12.9	13.3	12.9	15.6
2051	3.6	2.8	2.8	12.3	12.3	12.6	12.3	14.8

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
ID: Rapid Growth

DATE: 11JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	113.2	13.2	54.2	22.7	19.2	.0	7.2	2.7
2011	131.7	16.3	54.2	22.9	19.2	.0	7.2	2.7
2016	149.9	13.8	54.2	23.0	19.2	.0	7.2	2.7
2021	165.2	10.2	54.2	23.3	19.2	.0	7.2	2.8
2026	180.1	9.0	54.2	23.5	19.2	.0	7.2	2.9
2031	195.6	8.6	54.2	23.7	19.2	.0	7.2	3.1
2036	213.9	9.4	54.2	23.8	19.2	.0	7.2	3.2
2041	233.9	9.4	54.2	23.8	19.2	.0	7.2	3.2
2046	254.5	8.8	54.2	23.9	19.2	.0	7.2	3.3
2051	275.9	8.4	54.2	24.0	19.2	.0	7.2	3.4

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
ID: Rapid Growth

DATE: 11JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	107.9	7.9	99.5	-.5	108.5	8.5
2011	124.1	14.9	99.6	.1	124.5	14.8
2016	142.5	14.9	98.2	-1.4	145.1	16.5
2021	164.2	15.2	94.0	-4.2	174.6	20.3
2026	185.3	12.9	89.8	-4.5	206.3	18.2
2031	204.4	10.3	86.1	-4.1	237.4	15.1
2036	224.3	9.7	83.7	-2.8	268.0	12.9
2041	246.1	9.7	81.8	-2.2	300.7	12.2
2046	269.8	9.6	80.0	-2.3	337.4	12.2
2051	294.7	9.2	78.2	-2.2	376.7	11.7

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Rapid Growth

BOTH SEXES
 DATE: 11JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	15.0	18.7	9.3	30.1	12.7	6.5	1.2	.1	23.2	30.2	33.9	10.0	1.4
2011	5.7	12.9	17.5	9.0	32.0	14.9	7.9	1.3	.1	20.6	31.0	34.7	10.7	1.7
2016	4.2	11.1	16.0	8.3	33.8	17.2	9.4	1.3	.1	18.5	32.0	35.0	11.1	1.9
2021	3.2	9.8	14.5	8.0	35.1	19.1	10.4	1.4	.1	17.1	34.0	34.2	11.2	2.0
2026	2.4	9.4	13.2	8.1	35.7	20.1	11.1	1.4	.1	15.8	36.0	33.3	11.2	2.2
2031	2.1	8.9	11.7	8.5	36.3	21.0	11.6	1.5	.1	14.5	37.9	32.6	11.2	2.3
2036	1.8	7.6	10.0	8.6	37.1	22.5	12.3	1.5	.1	13.2	39.6	31.9	11.2	2.4
2041	1.6	6.5	8.0	8.4	37.7	24.4	13.4	1.6	.1	12.0	41.2	31.4	11.2	2.5
2046	1.4	5.1	6.2	7.8	38.9	25.9	14.6	1.6	.1	11.2	42.6	30.7	11.2	2.6
2051	1.4	4.1	4.9	6.9	39.6	27.3	15.7	1.6	.1	10.7	43.7	29.9	11.2	2.7

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

PMEDS-D TABLE 1: PROJECTION SUMMARY PART 1 CANADA
ID: Slow Growth

DATE: 7JUL2005

YEAR	POPULATION			LABOUR FORCE			TOTAL HOUSE -HOLDS ('000)	HOUSE -HOLD SIZE	% OF TPOP	
	TOTAL ('000)	CHANGE ('000)	GROWTH (%)	TOTAL ('000)	CHANGE ('000)	GROWTH (%)			<15	65+
2001	31021.	1411.	4.76	16168.	1283.	8.62	11960.	2.59	18.9	12.6
2006	32381.	1359.	4.38	17725.	1557.	9.63	12865.	2.52	17.1	13.3
2011	33259.	878.	2.71	18448.	723.	4.08	13669.	2.43	15.2	14.6
2016	33936.	677.	2.04	18766.	318.	1.73	14434.	2.35	13.8	17.0
2021	34480.	544.	1.60	18586.	-180.	-.96	15130.	2.28	12.9	19.8
2026	34824.	344.	1.00	18186.	-399.	-2.15	15646.	2.23	12.4	22.9
2031	34882.	58.	.17	17719.	-468.	-2.57	15960.	2.19	12.0	25.6
2036	34617.	-265.	-.76	17290.	-428.	-2.42	16021.	2.16	11.5	27.0
2041	34053.	-564.	-1.63	16842.	-448.	-2.59	15878.	2.14	11.0	27.8
2046	33271.	-782.	-2.30	16305.	-537.	-3.19	15616.	2.13	10.7	28.7
2051	32376.	-896.	-2.69	15673.	-631.	-3.87	15274.	2.12	10.5	29.6

Note: TPOP is total population.

Note: The growth rates show total growth over the preceding 5 years.

PMEDS-D TABLE 2: PROJECTION SUMMARY PART 2 CANADA
ID: Slow Growth

DATE: 7JUL2005

YEAR	IMMI-GRATION	EMI-GRATION	CHANGE IN NPR	NET IN-FLOW	BIRTHS	DEATHS	NAT-URAL INC-REASE	RATIO OF TPOP TO--	
								P20-64	LF
2001	253.0	55.2	36.0	233.8	332.6	225.1	107.5	1.62	1.92
2006	180.0	48.3	.0	131.7	306.7	235.0	71.7	1.59	1.83
2011	180.0	50.1	.0	129.9	279.5	252.8	26.7	1.57	1.80
2016	180.0	51.5	.0	128.5	272.0	274.6	-2.6	1.57	1.81
2021	180.0	52.8	.0	127.2	270.1	301.5	-31.4	1.61	1.86
2026	180.0	53.8	.0	126.2	259.0	336.9	-77.9	1.66	1.91
2031	180.0	54.3	.0	125.7	241.7	381.4	-139.7	1.72	1.97
2036	180.0	54.4	.0	125.6	225.3	429.3	-204.1	1.75	2.00
2041	180.0	54.0	.0	126.0	212.6	472.0	-259.4	1.76	2.02
2046	180.0	53.1	.0	126.9	205.5	501.0	-295.4	1.78	2.04
2051	180.0	52.1	.0	127.9	200.9	512.6	-311.7	1.79	2.07

Note: NPR is non-permanent residents; TPOP is total population;
P20-64 is population aged 20 to 64; LF is total labour force.
All numbers of persons are in thousands.

PMEDS-D TABLE 3: PROJECTION SUMMARY PART 3 CANADA

ID: Slow Growth

DATE: 7JUL2005

YEAR	TOTAL FERT- ILITY RATE	CRUDE BIRTH RATE	CRUDE DEATH RATE	NAT- URAL INC- REASE	LIFE EXPECTANCY AT --				LF PART RATE	LF % FEMALE
					AGE 0		AGE 65			
					M	F	M	F		
2001	1.53	10.8	7.3	3.5	76.9	81.9	16.7	20.4	66.0	46.0
2006	1.38	9.5	7.3	2.2	78.4	82.6	17.4	20.8	67.8	46.7
2011	1.23	8.4	7.6	.8	79.4	83.1	18.0	21.1	67.2	46.8
2016	1.20	8.0	8.1	-.1	80.1	83.5	18.4	21.4	65.9	46.9
2021	1.20	7.8	8.8	-.9	80.6	83.8	18.6	21.5	63.7	46.7
2026	1.20	7.4	9.7	-2.2	80.8	84.0	18.8	21.7	61.5	46.6
2031	1.20	6.9	10.9	-4.0	80.9	84.1	18.8	21.7	59.7	46.5
2036	1.20	6.5	12.4	-5.9	81.0	84.2	18.9	21.8	58.5	46.5
2041	1.20	6.2	13.8	-7.6	81.1	84.2	18.9	21.8	57.6	46.5
2046	1.20	6.2	15.0	-8.9	81.1	84.3	18.9	21.9	56.9	46.5
2051	1.20	6.2	15.8	-9.6	81.1	84.3	18.9	21.9	56.1	46.4

Note: LF is total labour force.

PMEDS-D TABLE 4: PROJECTION SUMMARY PART 4 CANADA

ID: Slow Growth

DATE: 7JUL2005

YEAR	MEDIAN AGE OF POPULATION					MEDIAN AGE OF LF			U RATE (%)
	TOTAL	MALE	FEMALE	AGE 20-64	AGE 65+	TOTAL	MALE	FEMALE	
2001	37.2	36.3	38.0	40.9	73.9	39.1	39.3	38.8	7.2
2006	39.0	38.0	39.9	42.3	74.4	40.5	40.7	40.3	7.2
2011	40.7	39.8	41.6	43.2	73.9	41.1	41.4	40.8	7.2
2016	42.4	41.5	43.3	43.3	73.2	41.4	41.7	41.1	7.2
2021	43.9	43.1	44.7	43.3	73.3	41.6	41.9	41.2	7.2
2026	45.5	44.7	46.3	43.5	73.6	42.0	42.4	41.5	7.2
2031	47.0	46.2	47.8	43.8	74.2	42.5	42.9	42.0	7.2
2036	48.3	47.4	49.1	44.5	75.3	43.2	43.6	42.7	7.2
2041	49.5	48.7	50.3	45.3	76.2	43.8	44.2	43.3	7.2
2046	50.5	49.6	51.4	45.6	76.2	44.0	44.5	43.5	7.2
2051	51.2	50.2	52.1	45.6	75.9	44.0	44.6	43.4	7.2

Note: LF is total labour force; U RATE is total unemployment rate.

MEDS-E TABLE 1: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
ID: Slow Growth

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- levels -								
2001	31021.	16168.	15004.	1036.0	550.2	206.3	193.9	2744.3
2006	32381.	17725.	16448.	1196.1	648.2	272.6	229.6	3283.5
2011	33259.	18448.	17119.	1347.9	730.5	313.8	258.7	3973.3
2016	33936.	18766.	17415.	1491.9	808.5	352.9	286.3	4703.2
2021	34480.	18586.	17248.	1606.0	870.4	385.7	308.2	5451.8
2026	34824.	18186.	16877.	1698.7	920.6	413.4	326.0	6192.2
2031	34882.	17719.	16443.	1766.5	957.3	435.1	339.0	6905.5
2036	34617.	17290.	16045.	1822.2	987.5	453.2	349.7	7578.5
2041	34053.	16842.	15629.	1861.1	1008.6	466.9	357.2	8204.0
2046	33271.	16305.	15131.	1882.3	1020.1	476.0	361.3	8773.2
2051	32376.	15673.	14545.	1887.9	1023.1	481.0	362.3	9278.5

Note: Numbers of persons are in thousands; income/expenditure figures are in billions of 1997 dollars.

MEDS-E TABLE 2: MAJOR DEMOGRAPHIC AND ECONOMIC AGGREGATES
ID: Slow Growth

DATE: 7JUL2005

YEAR	Popula- tion POPTOT	Labour Force LFTOT	Employ -ment ETOT	Gross Domestic Product GDP	Consump -tion CONSUM	Fixed Invest -ment ITOT	Gov't Current Expend. GOVC	Fixed Capital Stock KTOT
- percentage growth rates -								
2006	4.4	9.6	9.6	15.5	17.8	32.1	18.4	19.6
2011	2.7	4.1	4.1	12.7	12.7	15.1	12.7	21.0
2016	2.0	1.7	1.7	10.7	10.7	12.5	10.7	18.4
2021	1.6	-1.0	-1.0	7.6	7.6	9.3	7.6	15.9
2026	1.0	-2.1	-2.1	5.8	5.8	7.2	5.8	13.6
2031	.2	-2.6	-2.6	4.0	4.0	5.3	4.0	11.5
2036	-.8	-2.4	-2.4	3.2	3.2	4.2	3.2	9.7
2041	-1.6	-2.6	-2.6	2.1	2.1	3.0	2.1	8.3
2046	-2.3	-3.2	-3.2	1.1	1.1	2.0	1.1	6.9
2051	-2.7	-3.9	-3.9	.3	.3	1.0	.3	5.8

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 3: RATIOS OF AGGREGATE VARIABLES
ID: Slow Growth

DATE: 7JUL2005

Year	GDP/POPTOT		Percent of GDP--				URATE (%)	KTOT ----
	index	% growth	CONSUM	ITOT	GOVC	TRADEBAL		
2001	100.0	.	53.1	19.9	18.7	5.8	7.2	2.6
2006	110.6	10.6	54.2	22.8	19.2	.0	7.2	2.7
2011	121.4	9.7	54.2	23.3	19.2	.0	7.2	2.9
2016	131.6	8.5	54.2	23.7	19.2	.0	7.2	3.2
2021	139.5	5.9	54.2	24.0	19.2	.0	7.2	3.4
2026	146.1	4.7	54.2	24.3	19.2	.0	7.2	3.6
2031	151.7	3.8	54.2	24.6	19.2	.0	7.2	3.9
2036	157.6	3.9	54.2	24.9	19.2	.0	7.2	4.2
2041	163.7	3.8	54.2	25.1	19.2	.0	7.2	4.4
2046	169.4	3.5	54.2	25.3	19.2	.0	7.2	4.7
2051	174.6	3.1	54.2	25.5	19.2	.0	7.2	4.9

Note: The growth rates show total growth over the preceding 5 years.

MEDS-E TABLE 4: PRODUCTIVITY MEASURES
ID: Slow Growth

DATE: 7JUL2005

Year	GDP/ETOT		GDP/KTOT		KTOT/ETOT	
	index	% growth	index	% growth	index	% growth
2001	100.0	.	100.0	.	100.0	.
2006	105.3	5.3	96.5	-3.5	109.1	9.1
2011	114.0	8.3	89.9	-6.9	126.9	16.3
2016	124.1	8.8	84.0	-6.5	147.6	16.4
2021	134.9	8.7	78.0	-7.1	172.8	17.0
2026	145.8	8.1	72.7	-6.9	200.6	16.1
2031	155.6	6.7	67.8	-6.7	229.6	14.5
2036	164.5	5.7	63.7	-6.0	258.2	12.5
2041	172.5	4.9	60.1	-5.7	287.0	11.1
2046	180.2	4.5	56.8	-5.4	317.0	10.5
2051	188.0	4.3	53.9	-5.2	348.8	10.0

Note: The growth rates show total growth over the preceding 5 years.

EDS-E TABLE 10: PROJECTED EDUCATION OF POPULATION
 ID: Slow Growth

BOTH SEXES
 DATE: 7JUL2005

YEAR	15+							20-24						
	E1	E2	E3	E4	E5	E6	E7	E1	E2	E3	E4	E5	E6	E7
	- percentage distribution -							- percentage distribution -						
2001	9.9	17.5	19.4	9.1	28.2	10.8	5.1	1.9	11.1	23.7	25.4	28.8	8.1	1.1
2006	7.6	16.2	18.9	9.5	29.4	12.2	6.2	1.6	11.5	22.1	27.6	28.0	8.1	1.1
2011	5.9	14.8	18.3	10.0	30.6	13.6	6.9	1.5	11.4	21.0	29.0	27.7	8.1	1.2
2016	4.4	13.2	17.8	10.4	31.5	14.9	7.7	1.5	11.3	20.0	30.4	27.4	8.1	1.3
2021	3.4	11.8	17.2	10.8	32.5	16.2	8.2	1.6	11.2	19.0	31.7	27.0	8.0	1.4
2026	2.6	10.7	16.7	11.3	33.2	16.9	8.6	1.7	11.1	18.0	33.1	26.6	8.0	1.5
2031	2.2	10.0	15.8	11.7	33.8	17.6	8.8	1.8	11.0	17.0	34.5	26.2	8.0	1.5
2036	2.0	9.1	14.7	12.3	34.3	18.5	9.1	1.8	10.9	15.9	35.9	25.7	8.0	1.6
2041	1.7	8.3	13.2	13.2	34.5	19.7	9.5	1.9	10.8	14.9	37.3	25.3	8.0	1.7
2046	1.5	7.2	11.8	13.9	35.2	20.5	9.9	2.0	10.4	14.0	38.8	24.9	8.1	1.8
2051	1.5	6.5	11.3	14.9	35.1	20.6	10.1	2.1	10.1	13.1	40.2	24.5	8.1	1.9

Note: E1 refers to grade 8 or lower, E2 to some secondary, E3 to secondary school graduation, E4 to some post-secondary, E5 to post-secondary certificate or diploma, E6 to completed bachelor's degree, and E7 to university degree or certificate above bachelor's.

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