

**Learning Through Recreation
(Data Analysis and Review)
– A Report to the Laidlaw Foundation**

Prepared by:

Andrew Jackson
Paul Roberts
Shelley Harman

May 28, 2001



Canadian Council on Social Development (CCSD)

309 Cooper St., 5th floor, Ottawa, ON K2P 0G5
◆ Phone: 613-236-8977 ◆ Fax: 613-236-2750
◆ Internet: www.ccsd.ca ◆ E-mail: council@ccsd.ca

Table of Contents

Introduction.....	5
Definition of Youth Recreation.....	5
Hypotheses and Parameters.....	5
Data Sources Analysed	7
National Longitudinal Survey of Children and Youth 1996	7
Structured Recreation Activities on the NLSCY	7
Organised Recreational Activities and Child Outcomes.....	14
Recreational Activity and Children’s Volunteering and Social Activity.....	22
National Survey of Giving, Volunteering and Participating, 1997	23
Childhood participation in recreation and volunteer activities	23
Childhood participation in recreation by adult community participation	24
The General Social Survey 1998.....	26
Participation in Organised Sports and Socio-demographic Determinants	26
Participation in Organised Sports and Outlook on Life.....	26
Participation in Organised Sports and Volunteering.....	27
The National Population Health Survey, 1996 and 1998.....	28
Physical Activity.....	28
The Family Expenditure Survey, 1992 and the Survey of Household Spending, 1998	29
Special Surveys and Administrative Data	31
Limitations	32
Conclusion	33
Appendix A.....	35
Data Tables.....	35

Introduction

The Canadian Council on Social Development proposed to undertake a data analysis and review to assess the availability of Canadian survey-based empirical data relevant to the four hypotheses set out in the Laidlaw Foundation's document, *Learning through Recreation: Hypotheses about the Public Policy Significance of Youth Recreation* (4 January 2000). We have gathered and analysed information from a number of major national databases gathered by Statistics Canada. Following our examination of the information gathered from these databases, we have attempted to identify any key data gaps that might exist. As set out in our joint covering letter with Canadian Policy Research Networks (CPRN), we believe that this data analysis and review is broadly complementary to the literature review.

Definition of Youth Recreation

For the purposes of this project, we define youth recreation as young people in early adolescence (ages 10-15) who are engaged in organised or structured physical recreation and/or cultural activities outside of school¹. Structured recreation involves voluntary participation in a physical or cultural recreational activity as part of a group, with elements of instruction and skills development present in the activity. This definition excludes individual or solely family-based forms of recreation, and forms of recreation that are interpersonal but do not involve instruction or skill development. The focus is upon recreation organised outside of school and the family, which includes recreation organised by public authorities such as municipalities, by voluntary organisations such as sports leagues and cultural associations and clubs, and by private businesses such as dance studios.

Hypotheses and Parameters

As identified by the Laidlaw Foundation discussion document, four major hypotheses concerning the policy significance of youth recreation help frame this project:

1. *The Human Development Hypothesis*: The absence of structured recreation negatively affects the long-run socio-emotional human development of youth as adults.
2. *The Civic Competence Hypothesis*: The absence of involvement in interpersonal recreation activities affects future civic competence and the quality of democracy.
3. *The Insufficiency Hypothesis*: Significant numbers of youth are not participating in recreation at a sufficient level to support human development and future civic competence.

¹ Data limitations affected our ability to constrain the data analyses to the ages 10 to 15 years. Whenever possible we have concentrated on the narrowest age category available that would come as close as possible to including only those children aged 10 to 15 years old, without compromising our ability to obtain valid data results. These problems are discussed further in our data gap and limitations section.

4. *The Inadequacy Hypothesis*: Non participation by youth in recreation and the arts can be related to the inadequacy of existing public systems dealing with the provision of youth recreation.

The broad parameters of a data review, which would shed light on these hypotheses and sub hypotheses, are as follows:

1. Data on the demographic and socio-economic correlates and determinants of youth involvement in recreation. Ideally, we want data by age of the child and by the type of family that they live in; data on family income; data describing dimensions of parental occupational and social status; and indicators of potential disadvantage such as visible minority status.
2. Data on levels of youth involvement in recreation. Ideally, we want to examine data on involvement by type of activity, and indicators of the extent and distribution of the level of involvement in terms of time spent in recreational activity.
3. Data on developmental and other outcomes of young people which can be linked to involvement in recreation. These outcome indicators include physical and mental health and well-being; performance at school; and behavioural indicators.
4. Data on the availability and accessibility of recreational programs and activities disaggregated by type of provider.

If rich data were available for all these parameters, we would be in a position to judge quantitatively how involvement in recreation (including intensity of involvement) affects outcomes. Further, we would be in a position to assess the extent of barriers to participation, and possible policy solutions.

Data Sources Analysed

National Longitudinal Survey of Children and Youth 1996

By far one of the most useful sources of national data on youth's structured recreational activities is the National Longitudinal Survey of Children and Youth (NLSCY). The NLSCY, developed by Statistics Canada and Human Resources Development Canada, starting in 1994 collected information on children aged from new-born to 11 years of age. Since 1994, the NLSCY has surveyed these children every two years and will continue to do so until they reach adulthood. In the second cycle of the survey in 1996 the child's primary caregiver was asked to provide information, as were the children themselves aged 10 to 13 years.

The NLSCY provides data on whether children participate in, and if so the frequency of their participation in: organised team sports with a coach; dance and gymnastics classes; music and art lessons; clubs and community groups such as cubs and brownies; and organised summer activities such as day and overnight camp. All of these appear to broadly fall within the proposed definition of structured recreation.

Our analysis of the NLSCY data is relevant to the hypotheses set out by the Laidlaw Foundation. In terms of human development, links are drawn between participation as youth and the well-being and development of youth. Some of the indicators chosen will relate to present and potential future civic competence, notably participation in anti-social activities and school performance. As well, the insufficiency hypothesis will be explored by linking non-participation and/or low levels of participation to developmental outcomes.

Structured Recreation Activities on the NLSCY

We have focused our analysis on six structured recreational activities that are contained on the NLSCY (Table 1). These activities refer to a broad range of activities for children. Since we are using data from the 1996 NLSCY we are forced to limit our analysis to children aged 10 to 13 years². Information on the six structured recreational activity variables is found below.

How often played sports with a coach?

Nearly 80 per cent of children participated in coached sports - 66.4 per cent participated one or more times a week and 12.8 per cent participated less than once a week.

How often taken dance gymnastics?

² While the Laidlaw Foundation is interested in structured recreational activity data for children aged 10 to 15 years, data from the second cycle (1996) of the NLSCY only contains information for youth aged 10 to 13 years. The third cycle of the NLSCY (1998) does contain information for the broader age group, however, the self-reported data for children had not been released by Statistics Canada at the time this report was being prepared.

Less than half (40.7 per cent) of the children aged 10 to 13 years surveyed had participated in dance/gymnastics. Approximately 13.3 per cent of all children participated less than once a week and 27.5 per cent participated one or more times per week.

How often take art/drama/music lessons?

Half of the children (50.8 per cent) surveyed never participated in art/dram/music lessons, while 13.0 per cent participated less than once per week and 36.2 per cent participated one or more times per week.

How often take part in Guides/Scouts?

About sixty per cent of children (60.1 per cent) never took part in guides/scouts while 13.7 per cent took part less than once a week and 36.2 per cent took part one or more times per week.

Did child attend over night camp?

Only 28.7 per cent of children attended over night camp. That is, almost three-quarters (71.3 per cent) of children aged 10 to 13 years had never attended an over night camp in the previous 12 months.

Did child attend day camp last summer?

Thirty one percent of children aged 10 to 13 years in 1996 had attended day camp the summer before the survey was completed.

How might these structured recreational activities differ by crucial socio-demographic variables? Using socio-demographic information such as income, family type, gender, urban size, and visible minority status, we observe whether the opportunity to participate in these recreational activities is evenly distributed or affected by the social circumstances of the children.

Income (Family or Household)

Income is related to the participation of children in sports with a coach (Table 2). There is a gradient of participation in sports with a coach, participation increasing with income quintile – 56.6 per cent of the lowest income quintile children versus 73.8 per cent of the highest income quintile children participated in organized sport one or more times per week. Children from the lowest income quintile were more likely to have “never” played sports with a coach (28.6 per cent), while only 13.6 per cent of children from the highest quintile “never” played sports with a coach.

There is not a clear relationship between income and participation in dance/gymnastics (Table 2). Children in the lowest and highest quintiles were most likely to have “never” participated (60.5 per cent and 62.3 per cent, respectively). Children in the second lowest quintile were most likely to participate (45.4 per cent) and to participate most frequently

(one or more times per week) (29.9 per cent). However, the differences between income quintiles are small.

Variations between income and participation in art/drama/music lessons were small (Table 2). The middle quintile was actually the most likely to have children participating in these activities (52.1 per cent). The highest quintile had children who were slightly more likely to be participating frequently (40.3 per cent) one or more times a week.

There was very little variation between income level and guide/scout participation with the exception of the fourth income quintile, where children were most likely to participate (44.8 per cent) and most likely to participate one or more times per week (29.0 per cent).

The likelihood of attending overnight camp increased with income quintile (Table 2). Children from the highest income quintiles were most likely to have attended overnight camp and children from the lowest income quintile were least likely to have attended (38.0 per cent versus 22.1 per cent, respectively). The largest percentage point increase between quintiles was between the fourth and fifth quintile (a difference of 8.2 percentage points). Children in the highest quintile were much more likely to attend overnight camp (38.0 per cent) compared to the other income quintiles.

Attendance in day camp rose consistently with income quintile (Table 2). Nearly half (47.7 per cent) of children in the highest quintile attended day camp the summer before, while only a fifth of children (20.2 per cent) of children in the lowest income quintile had attended. As with overnight camp, the largest increase was between the fourth and fifth quintiles with 31.6 per cent of children in the fourth quintile having attended day camp compared to 47.7 per cent of children in the highest quintile.

Low Income Cut-Off (LICO)

Children living above the LICO were more likely to have participated in sports with a coach once per week or more (69.0 per cent) than children living in households below the LICO (56.2 per cent) (Table 3).

Children living below the LICO were only slightly more likely to have “never” participated in dance/gymnastics (61.1 per cent) than children living above the LICO (58.8 per cent).

There was little difference between participation in art/music/drama lessons for those children in families below or above the LICO (Table 3).

Children living above and below the LICO were equally likely to have never participated in guides/scouts. There was a slight difference in frequency of attendance with children above the LICO more likely to participate one or more times per week (26.3 per cent) than children below the LICO (24.2 per cent).

Children above the LICO were more likely to have attended overnight camp than those below the LICO – 29.9 per cent versus 24.0 per cent, respectively (Table 3).

Children living above the LICO were much more likely to have attended day camp than children below the LICO – only 21.0 per cent of children below the LICO attended day camp compared with 33.8 per cent of children above the LICO (Table 3).

Family Type

Children from two parent families were more likely to have participated in sports with a coach and to have participated more frequently than children from lone parent families (Table 4). Of the children that participated in organised sports, 67.7 per cent of children from two parent families participated one or more times per week, while 60.4 per cent of children from lone parent families participated one or more times per week.

There was little difference between family type and participation in dance/gymnastics (Table 4). Approximately 27.3 per cent of children in two parent families participated once a week or more compared to 28.7 per cent of children in lone parent families.

Children from two parent families were slightly more likely to have participated in art/drama/music lessons (51.1 per cent) than children from lone parent families (45.9 per cent), and children from two parent families also participated more frequently than children from lone parent families – 37.1 per cent versus 32.2 per cent, respectively.

Children from two parent families as well as children from lone parents families were about equally as likely to participate in guides/scouts (39.7 per cent and 40.0 per cent, respectively).

Children from two parent families were slightly more likely to have attended overnight camp than children from lone parent families (29.2 per cent versus 26.8 per cent, respectively).

Children from two parent families were more likely to attend day camp (31.6 per cent) than children from lone parent families (27.9 per cent) (Table 4).

Gender

Female children participated in sports with a coach slightly less often than male children – 22.7 per cent of females’ “never” participated in sports with a coach compared with 18.9 per cent of males (Table 5). However, males were more likely to participate more frequently in sports with a coach than females – 68.3 per cent of males participated one or more times per week versus 64.5 per cent of females.

Male children were much more likely than female children to have never taken dance or gymnastics. Only 46.8 per cent of females had never participated in dance or gymnastics while 71.7 per cent of males had never participated in dance or gymnastics. Females were also more likely to participate more frequently than males – 38.0 per cent of females participated once a week or more compared with 16.9 per cent of males.

A considerable proportion of female children take art/drama/music lessons one or more times per week (43.4 per cent) (Table 5). A much smaller proportion of male children participated this frequently (28.8 per cent). Indeed, males were more likely to have never participated in art/drama/music lessons than females – 58.7 per cent compared to 42.9 per cent, respectively.

Male children were less likely to take part in guides/scouts than female children (Table 5). About 64.4 per cent of males had never taken part in guides/scouts in contrast to around 55.9 per cent of females who had never taken part in guides/scouts.

A slightly greater proportion of female children than male children attended overnight camp (30.9 per cent versus 26.5 per cent, respectively) (Table 5).

Observing the results of attendance at day camp we see that male and female children were about equally as likely to attend (31.3 per cent and 30.8 per cent, respectively) (Table 5).

Size of Urban Area

Children living in rural communities were somewhat more likely to have “never” participated in sports with a coach (23.4 per cent) than children living in small or large cities (19.9 per cent and 20.6 per cent, respectively) (Table 6). Rural area children that did participate in coached sports were likely to participate less frequently than urban area children – 59.8 per cent of rural children participated once a week or more compared to 66.9 per cent for small cities and 67.6 per cent for large cities.

There was a slight gradient between urban size and participation in dance/gymnastics - the larger the urban area, the more likely the child to participate (Table 6). While the difference was not very large between children living in cities with a population greater than 100,000 who participated once a week or more (28.5 per cent) and children living in a city with a population of less than 100,000 (27.6 per cent) there was a much larger difference between children in these groups and children living in rural areas (23.2 per cent). In general, children living in rural areas had much lower levels of participation in dance/gymnastics than children living in urban areas.

A gradient also exists for participation in art/drama/music lessons with children living in large cities being more likely to participate most frequently (once a week or more) (37.9

per cent), compared with 35.3 per cent of children in small cities and 30.3 per cent of children in rural areas.

There was very little difference in participation in scouts/guides between children living in urban and rural areas (Table 6). Children in large cities were slightly more likely to participate once a week or more (26.4 per cent) than smaller city children (26.1 per cent) and children in rural areas (24.3 per cent).

Children from larger cities were marginally more likely to have attended overnight camp (30.8 per cent), followed by children from rural areas (26.3 per cent) and then children in cities of less than 100,000 population (24.8 per cent).

Rural children were less likely to have attended day camp than were children from more urban areas (Table 6). About 21.0 per cent of children from rural areas attended day camp compared to 31.6 per cent of children from cities less than 100,000 population and 33.1 per cent of children from cities greater than 100,000 population.

Visible Minority³

Visible minority children were just slightly more likely to participate in coached sports one or more times per week (68.2 per cent) than non-visible minority children (66.2 per cent) (Table 7).

Visible minority children were less likely to have “never” participated in dance/gymnastics – 53.3 per cent compared to 59.8 per cent of non-visible minority children. As well, visible minority children were marginally more likely to participate one or more times per week (30.3 per cent) than non-visible minority children (27.2).

Visible minority children were slightly more likely to participate in art/drama/music lessons once per week or more than non-visible minority children (38.1 per cent and 36.0 per cent, respectively) (Table 7).

Non-visible minority children were more likely to participate in guides/scouts and more likely to participate more frequently – 26.5 per cent participate one or more times per week compared to 21.7 per cent of visible minority children.

Visible minority children were slightly less likely to participate in over night camp (26.8 per cent) as non-visible minority children (28.8 per cent) (Table 7).

³ There is some bias inherent in the visible minority variable of the NSLCY. This is due to the fact that the NLSCY was conducted in one of Canada’s two official languages. If the primary caregiver did not speak either of these two languages then the survey was not conducted. As a result there will likely be an underestimate of variables related to official language ability such as visible minority and immigration status.

Visible minority children were less likely to participate in day camp than non-visible minority children (31.5 per cent versus 25.3 per cent, respectively) (Table 7).

Organised Recreational Activities and Child Outcomes

In addition to the socio-demographic variables that may well affect the propensity for youth to participate in organised recreational activity, we have used information from the NLSCY to study whether these structured recreational activities affect children's outcomes. The recreational variables of the NLSCY were cross tabulated with a number of questions regarding television watching and computer behaviour, interaction with friends, how the child is doing in school, future educational ambitions, as well as health and negative behaviours such as smoking and drinking.

Overall it appears that participation in recreational activities can be linked to lower levels of television watching, more positive relationships with ones peers and friends, a greater likelihood of performing better in school, increased future educational expectations, better health, and decreased participation in negative behaviors such as drinking and smoking.

Participation in recreational activities does not appear to be related to how well children get along with their parents, but does seem to affect their relationships with siblings. Children who participated in recreational activities appear somewhat less likely to get along well or quite well with their siblings.

Participation in sports played with a coach

Children who don't participate in sports with a coach were more likely to watch three or more hours of television per day (58.9 per cent) and to watch television seven days per week (61.1 per cent), compared to children who participated in coached sports one or more times per week (51.7 per cent and 47.3 per cent, respectively) (Table 8). However, children who never participated in coached sports were almost equally as likely to spend one or more hours per day on a computer (18.1 per cent versus 16.7 per cent).

Children who participated in coached sports once or more per week were relatively more likely to report having a lot of friends, a greater number of close friends, and spend more days of the week with these friends (90.4 per cent, 87.1 per cent, and 45.4 per cent, respectively) (Table 8). Children who never participate in coached sporting activities had comparatively lower proportions for each of these variables (87.5 per cent, 80.4 per cent, and 38.0 per cent, respectively).

Participation in organised sports also made children slightly more likely to get along with other children easily (83.8 per cent), to have other children want to be their friend (68.3 per cent), and to agree that most children liked them (78.5 per cent). Those children who did not participate in organised sporting activities were not as likely to get along with other children (79.9 per cent), have other children wanting to be their friend (61.5 per cent), or to agree that most other children liked them (75.3 per cent).

Relationships with their peers and family are important for a child's development. We observe (Table 8) that children who participated once a week or more in coached sports were marginally more likely to get along very or quite well with their peers, mother and father (81.3 per cent, 81.3 per cent, and 83.5 per cent, respectively). Those children who never participated in organised sports had correspondingly lower scores (79.8 per cent, 80.6 per cent, and 81.0 per cent, respectively).

However, children who never participated in coached sports were more likely to get along very well or quite well with their siblings (58 per cent) than children who participated in coached sports less than once per week or more (52 per cent), and also more than those who participated in coached sports one or more times per week (51 per cent).

Children who participated in coached sports one or more times per week were slightly more likely to consider themselves as doing better in school (74.7 per cent) than children who participated once a week (71.4 per cent), and both of these groups were more likely to consider themselves as doing better than children who never participated in coached sports (68.5 per cent) (Table 8).

In response to the question "How far do you hope to go in school?" children who participated in coached sports one or more times per week were much more likely to respond that they expected to complete college/university (71.9 per cent) than children who participated less often (63.6 per cent) and those whom never participated (59.7 per cent).

The vast majority of children feel happy with their life although a somewhat higher proportion of children who participate one or more times per week in organised sports felt this way than children who never participate (95.0 per cent compared to 91.5 per cent).

Approximately equal proportions of children who participate in organised sports and those who never participate in organised sports, agreed that they were sometimes or often cruel, mean or bullying toward other children (13.7 per cent and 13.4 per cent, respectively) (Table 8). However, a slightly higher proportion of those who never participated in sports were more likely to be the victims of bullying on their way to and from school some, most or all of the time (13.5 per cent) when compared to frequent (once a week or more) organised sports participants (10.7 per cent) – although, those who participated less frequently suffered the greatest likelihood of facing this bullying (16.9 per cent).

The health of children who participate in organised sports tends to be considered by the parents of these children as somewhat better compared to children who do not participate in coached sports (Table 8). Sixty-three per cent of children who participate once a week or more were considered to be in excellent health compared to 57.9 per cent of children who never participate. As well, children who play coached sports were considered to

have been in better health over the recent months (90.7 per cent) than non-participating children (87.0 per cent).

Children who never participated in coach sports were somewhat more likely to have tried smoking (27.5 per cent) versus children who participated in coach sports once a week or more (20.0 per cent) (Table 8). As well non-participants were slightly more likely than frequent coached sports participants to report having tried alcohol (11.7 per cent compared to 10.6 per cent). However, children who participated in coached sports less than once a week were the most likely to have tried alcohol (12.0 per cent).

Participation in dance/gymnastics

Children who participated in dance/gymnastics one or more times per week were least likely to watch television three or more hours per day (51.1 per cent), or to watch television seven days a week (50.6 per cent) (Table 9). Those children who participated in dance/gymnastics less than once a week were the most likely to watch television three or more hours per day (56.5 per cent), while children who never participate in dance/gymnastics were most likely to watch television seven days per week (52.7 per cent).

Children who never participated in dance/gymnastics were more likely to use the computer one or more hours per day (19.9 per cent) compared to children who participated in dance/gymnastics (11.7 per cent).

Youth participants in dance/gymnastics one or more times per week were relatively more likely to have a lot of friends (92.4 per cent), a greater number of close friends (89.5 per cent) and do things more often with these friends (50.0 per cent), than children who never participate in dance/gymnastics (88.9 per cent, 84.0 per cent, and 40.4 per cent, respectively).

All children whether they participated in dance/gymnastics or not, were approximately as likely to judge as ‘true’ or ‘mostly true’ that they got along easily with other children (Table 9). However, children who participated in dance/gymnastics one or more times per week were much more likely to report the statement “other kids want me to be their friend” to be true than children who did not participate or who participated less often. Almost three-quarters (73.5 per cent) of children who participated in dance/gymnastics reported this statement to be true versus only 60.3 per cent of children who participated in dance/gymnastics less than once per week and 64.7 per cent of children who never participate. As well, children who participated in dance/gymnastics one or more times per week were relatively more likely to report as ‘true’ the statement “Most other kids like me” (83.4 per cent) compared to children who never participate (75.0 per cent).

Participation in dance/gymnastics does not seem to affect the likelihood that children will get along well with their friends, mother or father (Table 9). There is some difference

with regard to relationships with their siblings – children who participate less frequently were able to get along better (56.0 per cent) compared to those who never participated (52.5 per cent) and those who participated frequently (50.8 per cent).

Most children felt that they were doing quite well in school overall, with very small differences by participation levels in dance/gymnastics (Table 9). However, in response to the question “How far do you hope to go in school?”, a greater proportion of children who participated in dance/gymnastics were likely to respond that they expect to complete college university (71.4 per cent), followed by children who participated less frequently (68.1 per cent) and then those who never participated (66.9 per cent). Overall though the overwhelming majority of children agreed that they were happy with their life, with no discernible relationship with participation in dance/gymnastics.

As with the coached sports participation, approximately equal proportions of children whether participating in dance/gymnastics or not agree that they have been cruel or bullying to other children. However, children who infrequently or never participate in dance/gymnastics were slightly more likely to be victims of bullying (13.8 per cent and 12.6 per cent, respectively) compared to frequent participants (9.8 per cent).

With regard to their health and health practices, participation in dance/gymnastics does not seem to be strongly related with either better or worse health practices (Table 9).

Participation in Art/drama/music

Children who never participated in art/drama/music were slightly more likely to watch more than three hours of television per day (55.4 per cent) compared to children who participated in art/drama/music one or more times per week (51.8 per cent), and much more likely to watch three or more hours of television per day than children who participated in drama/music art less than once per week (45.3 per cent) (Table 10). As well, children who never participated were also more likely to watch television seven days per week, while children who participated one or more times per week were least likely to watch television seven days per week. Those who participated in art/drama/music less frequently, were the most likely to use the computer one or more hours a day (23.7 per cent) compared to more frequent participants (16.6 per cent) and those who never participate (15.5 per cent).

Children who participated in art/drama/music were slightly more likely to report having more friends (90.1 per cent) and to do things more frequently with these friends (44.0 per cent), compared to those children who never participate (82.7 per cent and 41.3 per cent, respectively).

Participants in art/drama/music once a week or more were more likely to report that other children liked them (79.2 per cent), and that other children want to be their friend (67.0 per cent), but were equally as likely to get along with other children (83.1 per cent), when

compared to non-participants in art/drama/music (75.6 per cent, 64.9 per cent, and 83.0 per cent, respectively).

Participation in art/drama/music does not seem to affect the likelihood that children will get along well with their friends, mother or father. There is some difference with regard to relationships with their siblings – children who never participate were able to get along better (54.8 per cent) compared to those who participate less frequently (53.4 per cent) and those who participate frequently (49.4 per cent) (Table 10).

Frequent art/drama/music activities participants were slightly more likely to consider themselves as doing well in school (75.7 per cent) than those who never participate (71.1 per cent). In response to the question “How far do you hope to go in school?” children who participated one or more times per week in art/drama/music were most likely to respond that they expected to complete college/university (74.5 per cent), followed by children who participated less than once per week (69.4 per cent) and then children who never participated (64.9 per cent).

As with the previous organized recreational activities, approximately equal proportions of children whether participating in art/drama/music or not, agree that they have been cruel or bullying to other children (Table 10). However, children who infrequently or never participate in dance/gymnastics were slightly more likely to be victims of bullying (14.6 per cent and 12.3 per cent, respectively) compared to frequent participants (10.7 per cent).

Children who participated in art/drama/music one or more times per week were least likely to have tried smoking (16.9 per cent), followed by children who had never participated (23.3 per cent) and then children who participated, but less than once per week (29.7 per cent) (Table 10).

Participation in Guides/Scouts

Children who participated in guides/scouts tended to watch less television per day and to watch fewer days per week (44.1 per cent and 43.5 per cent) than children who do not take part in guides/scouts (58.3 per cent and 54.7 per cent) (Table 11). Also the frequency of television watching decreased with increased frequency of participation in guides/scouts.

Children who never attended guides/scouts were the most likely to report never spending time on the computer, but they were also the most likely to report spending time on the computer five or more days per week. This discrepancy could be because those reporting spending “no time” on the computer may not have a computer in the household.

Children who never participate in guides/scouts were more likely to agree that they have lots of friends (90.8 per cent) and that they do many things per week with these friends

(43.7 per cent), compared to frequent participants (once a week or more) (87.5 per cent, and 41.4 per cent, respectively). However, frequent guide/scout participants stated that they had a great number of close friends (89.0 per cent) than non-participants (85.3 per cent) (Table 11).

Both participants and non-participants tended to feel equally that other children liked them, as well as getting along equally well with other children, their mother and father. However, non-participants were likely to get along relatively better with their siblings (54.9 per cent) than frequent participants (46.7 per cent).

Regarding school, children who participated in guides/scouts were most likely to be doing very well or well (77.0 per cent), compared to those who never participate (72.2 per cent) and those who participate but less than once per week (68.7 per cent) (Table 11). Children who participated in guides/scouts one or more times per week were much more likely to report that they expect to complete college/university, with 75.0 per cent reporting so, versus only 68.3 per cent of those who never participate in guides/scouts and only 54.9 per cent of those who participate, but less than once per week.

Children who never participate in guides/scouts are more likely to be cruel or bullying to other children (14.5 per cent) than frequent participants (9.4 per cent). Conversely, children who frequently participate in guides/scouts are likely to be the victims of bullying than children who never participate (13.4 per cent compared to 10.8 per cent) (Table 11).

Smoking and drinking alcohol decreased with participation in guides/scouts. Children who never participated were the most likely to have tried smoking (25.1 per cent), followed by those who participated in guides/scouts less than once per week (22.9 per cent). Only 14.1 per cent of children who participated in guides/scouts one or more times per week reported to ever trying cigarette smoking (Table 11).

Participation by child in attending overnight camp

Children who did not attend overnight camp were slightly more likely to watch more hours of television and videos per day than children who attended overnight camp (Table 12). Fifty-five per cent of children who did not attend overnight camp reported watching television seven days per week compared to only 41.2 per cent of children who did not attend overnight camp.

Children who attended overnight camp and children who did not attend overnight camp reported similar patterns of getting along with other children, having friends and the number of close friends. However, children who did not attend overnight camp were slightly more likely to report having done things with their friends seven days a week (44.2 per cent) than children who did attend camp (40.2 per cent) (Table 12).

Children who did not attend overnight camp were consistently, though marginally, more likely to have better relationships with other children, their mother, father and siblings (Table 12).

Yet, participants in overnight camp were relatively more likely to believe that they were doing well to very well at school (76.0 per cent) and to believe that they would continue on to college or university (76.9 per cent), compared with non-participants (71.6 per cent and 63.9 per cent) (Table 12).

Children who did not attend overnight camp were more likely to report engaging in bullying behaviour while those who did attend overnight camp were more likely to be the victims of bullying behaviour on their way to or from school (Table 12).

Non-participants of overnight camps were slightly more likely to have tried cigarette smoking and to be in less than excellent health. However, both groups of children were equally as likely to report being very happy with their lives (Table 12).

Participation by child in attending day camp last summer

Compared to children who attended day camp the previous summer, children who did not attend day camp were more likely to watch 3 or more hours of television per day and to watch television seven days a week – 43.4 per cent of children who went to day camp watched television seven days per week versus 53.3 per cent of children who did not attend day camp (Table 13).

Children who attended day camp and children who did not attend day camp reported similar patterns of getting along with other children, having friends and a similar number of close friends (Table 13). However, children who did attend day camp were slightly more likely to report that other children want to be their friend (69.6 per cent) or that they like the child (80.1 per cent) compared to children who did not attend day camp (64.7 per cent and 75.6 per cent, respectively).

Children who attended day camp were more likely than children who did not attend day camp to be doing very well or well in school. Children who attended day camp were also much more likely to expect that they will complete college/university than children who did not attend day camp (77.2 per cent versus 64.2 per cent) (Table 13).

Children who did attend day camp were consistently, though marginally, more likely to have better relationships with their mother, father and siblings (Table 13).

Participants in day camp were relatively more likely to believe that they were doing well to very well at school (76.1 per cent) and to believe that they will continue on to college or university (77.2 per cent), compared with non-participants (71.3 per cent and 64.2 per cent) (Table 13).

Children who did not attend day camp were more likely to report engaging in bullying behavior sometimes or often (14.8 per cent) than those children who did attend day camp (11.4 per cent) (Table 13).

Children who attended day camp were less likely to have tried smoking than children who did not attend and their primary caregiver was more likely to rate the child's health as excellent (Table 13).

Recreational Activity and Children's Volunteering and Social Activity

A central question regarding organised recreational activity is the whether it affects how children interact with the larger community, and if so the extent to which it does so. The NLSCY provides data on both the recreational activities as well as the social and community activities of youth. With these data we are able to obtain a limited yet interesting understanding of the relationship between children's recreational activities and their help with fund raising, helping in the community and unpaid help with school activities.

Overall, observing the results in Table 14, there is a consistent and in many cases strong, relationship between participation in recreational sporting activities and propensity to perform unpaid school activities, fund raising or community help work. The most pronounced relationships are between the various recreational activities and unpaid help with school activities. For example, over 42 per cent (42.1) of all those children who frequently participated in dance/gymnastics helped in school activities, compared to just 32.1 per cent of children who had participated less frequently or never⁴. A similar pattern exists for those children who participated in art/drama/music, coached sports and guides/scouts.

A similarly strong relationship is observed to hold between youth participating in organised recreational activities and unpaid fund raising help. For example, children who participated once a week or more in art/drama/music activities are much more likely to help with fund raising (53.9 per cent) compared to children who participated less frequently or never (41.8 per cent).

The relationship between helping in the community and our various recreational activities, is not quite as strong as found in the other two volunteering activities. Nevertheless, a relationship is evident. Those children who participated once a week or more in coached sports or in guides/scouts were relatively more likely to help in the community (10.8 per cent and 14.1 per cent, respectively) when compared to children who participated less than once a week or never in these recreational activities (4.1 per cent and 6.9 per cent, respectively).

What these results suggest, and which will be explored further with the National Survey of Giving, Volunteering and Participating, is that there seems to be a connection between participation in recreational activities and the likelihood of children performing community activities. The question is then, whether this trend continues into adulthood.

⁴ Due to data restrictions we were forced to collapse the category 'never' with the category 'less than once a week'.

National Survey of Giving, Volunteering and Participating, 1997

The National Survey of Giving, Volunteering and Participating (NSGVP) was conducted by Statistics Canada in 1997 to study systematically all dimensions of individual contributory behavior including volunteering, charitable giving and civic participation. Respondents to the survey were a nationally representative sample of people aged 15 years and older. It was initially our intention to restrict the analysis to a younger age group (15 to 24) so as to look at those who most recently youth between the ages of 10 to 15. However, due to the small sample size we were forced to adopt a wider age range, from 15 to 34 years.

Included in the NSGVP were retrospective questions about the respondent's participation in different activities as children, including participation in organized sports and youth groups, volunteer work and participation in student government. The NSGVP also asks the respondents about their current participation in a number of activities such as volunteer work and canvassing, membership on boards or committees, volunteer coaching and teaching, participation in clubs and associations, membership in political organizations and voting habits. It is important to point out that there is no restriction regarding the age at which the survey respondents could have experienced these recreational and voluntary activities. Nevertheless, the information from the NSGVP is relevant for the hypotheses covered in the Laidlaw discussion document, particularly the civic competence and the insufficiency hypotheses.

Childhood participation in recreation and volunteer activities

Cross tabulating respondents' childhood participation in sports and youth groups with their volunteering and student government activities, allows us to determine if there is a relationship between participation in recreational activities and social participation in the community.

Results from the NSGVP indicate that a large proportion of respondents who participated in organised team sports as children also did some kind of volunteer work (59.9 per cent) or were active in student government (22.6 per cent) (Table 15). In comparison, those respondents who had not participated in organised sports were much less likely to have performed volunteer work (33.1 per cent) or been active in student government (9.7 per cent).

Our findings for youth group participation are similar (Table 15). Over seventy per cent (70.2 per cent) of respondents who had belonged to a youth group as children had also performed volunteer work, compared to one-third (33.3 per cent) of those who had not belonged to a youth group. As well, adults who had belonged to a youth group were over twice as likely to have been active in student government (25.6 per cent) compared to those adults who had not been involved in a youth group (11.7 per cent).

Childhood participation in recreation by adult community participation

Cross tabulating respondent's childhood participation in sports and youth groups with their current participation in the community will allow us to determine if there is a relationship between childhood participation in recreation and adult community participation. Present civic activities we examine include unpaid volunteering, membership on committees, membership in political organisations, participation in a community group and whether they voted in the previous federal election. These results can be related to the civic competence and insufficiency hypotheses discussed earlier in the report.

Respondents who participated in organised team sports as children were almost twice as likely to canvas, campaign, or fundraise as an unpaid volunteer as adults (15.3 per cent) when compared to those respondents who did not participate in organised teams sports as a child (7.9 per cent) (Table 16).

Similarly, respondents who participated in organised team sports as children were almost twice as likely to be a member of a board or committee as an adult (11.3 per cent) in comparison to those respondents who did not participate in organised sports (6.0 per cent) (Table 16).

We also observe that respondents are more likely to teach or coach for an organisation as an unpaid volunteer in the past twelve months if they were a participant in organised sport as a child (11.1 per cent) than if they were not (4.2 per cent) (Table 16).

Participation in organised sports as a child is associated with a greater likelihood of becoming a member of service clubs or fraternal organisations by respondents (4.2 per cent) when compared to those who did not participate in organised sports (1.9 per cent) (Table 16).

Those respondents who participated in organised sports as a child are about as likely not to be a member of a political organisation (97.7 per cent) when compared to children who did not participate in organised sports (99.1 per cent) (Table 16).

There is also little relationship between organised sporting participation as a child and membership in a neighbourhood or community association, or school group, as an adult. Of those who did participate in organised sport as a child, 8.3 per cent are now members of a community association or school group. In contrast, 5.3 per cent of those respondents who did not participate in organised sport as a child are now community association members (Table 16).

Respondents who participated in organised team sports as children were also more likely to have voted in the most recent federal election – 64.2 per cent of those respondents who had participated in organised sports voted, compared to 56.5 per cent voting of those who had not participated in organised sports (Table 16).

Participation in a youth group as a child also had a relationship with many civic responsibilities as an adult (Table 17). Respondents to the survey who had participated in a youth group as a child are over twice as likely to canvas, campaign, or fundraise as an unpaid volunteer as adults (17.6 per cent) when compared to those who did not participate in a youth group as a child (8.6 per cent).

If a respondent had belonged to a youth group as a child they are also over twice as likely to be an unpaid member of a board or committee (13.2 per cent) or to teach or coach for an organisation as an unpaid volunteers (12.3 per cent) when compared to those respondents who had not as children, belonged to a youth group (6.2 per cent and 5.7 per cent, respectively) (Table 17).

Those respondents who had participated in a youth group as a child were slightly more likely as an adult to be a member or participant of a service club or fraternal association (4.5 per cent) or to be a member of a political organisation (2.6 per cent), than those respondents who had not been participants of a youth group as a child (2.5 per cent and 1.1 per cent, respectively) (Table 17).

A relationship exists between those respondents who belonged to a youth group when they were children and their present association with a neighbourhood, civic, community association or school group. About 10.3 per cent or over twice as many respondents who had belonged to a youth group as a child are now members of one of these groups compared to 4.4 per cent of respondents who did not belong to a youth group as a child (Table 17).

Lastly, those respondents who had belonged to a youth group are somewhat more likely to have voted in the previous federal election (64.5 per cent) than those respondents who had not belonged to a youth group as a child (59.0 per cent) (Table 17).

The General Social Survey 1998

The General Social Survey (GSS) 1998, which focused on time use, has data on involvement in cultural and sporting activities for children and youth living in the respondents household (by specified age categories). There are data on participation in a wide range of specified sports (which can be aggregated into team sports, which are most likely to be organised) and on participation in amateur sports, clubs or community leagues. The survey also has a series of questions on participation in sport activities and a number of question on volunteering. Our basic cross-tabular data from the GSS is used to supplement gaps in the NLSCY, and to confirm broad patterns.

The survey sample for the GSS is persons in Canada 15 years of age and over, which means that data our data for youth, as we defined it earlier, would be restricted to those age 15 years. In order to obtain valid data results from the GSS we extended the age category to those aged between 15 and 17 years. Another limitation of the GSS (1998) is that questions about participation in sport activities do not specify whether the participation in the sport is “organised” or informal. Some sport activities are more likely to be “organised” or played with a coach and or referee, while others are less likely to be organised. For our purposes we chose to infer that the following sports were most likely to be organised: baseball, basketball, football, hockey, rugby, figure skating, soccer, softball and volleyball. Cycling, golf, karate, racquetball, water skiing, squash, swimming, tennis, weightlifting, skiing, bowling and curling were considered less likely to be organised sports i.e., participated in as entertainment or participated in independently.

Participation in Organised Sports and Socio-demographic Determinants

As we observe in Table 18, males (69.9 per cent) are more likely to participate in organized sports than females (43.4 per cent). This is in keeping with the data from the NLSCY but it only includes organized sporting activities and not other forms of organized recreational activity. As well there may be some bias since the sports included in our organized sporting activities may have a greater propensity to be male dominated. The relationship between household income (Table 18) and participation in organized sport suggests that youth aged 15 to 17 years from lower income households are slightly more likely than higher income households to be participating in organized sporting activities. This is contrary to our findings in the NLSCY. It may be that these results are due to the low sample size and high variability associated with the estimates and the large grouping of incomes. A larger sample or more income categories might have yielded different results.

Participation in Organised Sports and Outlook on Life

Organised sport participation tended to give youth a better outlook to their life and relatively happier (Table 18). Youth aged 15 to 17 years old, who participated in

organised sport were more likely to report themselves as being very satisfied with their level of self-esteem than youth who did not participate in organised sport (46.5 per cent versus 37.0 per cent). When asked whether they would describe themselves as very happy, a slightly greater proportion of youth participating in organised sporting activities (43.9 per cent) felt this way than youth who did not participate in organised sport (41.2 per cent).

Participation in Organised Sports and Volunteering

Youth that do not participate in organized sport are more likely than youth that did participate in organized sport, to have volunteered through a group or organization (44.0 per cent versus 41.9 per cent) and were more likely to volunteer to help build or repair a facility for an organization (23.6 per cent versus 15.4 per cent) (Table 18).

Both youth who participated in organized sport and those who did not, were almost equally as likely to: have canvassed, campaigned or fundraised as an unpaid volunteer (52.7 per cent and 51.9 per cent, respectively); have provided counseling to individuals or groups as a volunteer through an organization; and have helped to organize or supervise activities or events for an organization (35.1 per cent and 33.6 per cent, respectively) (Table 18).

However, youth that participated in organized sport were slightly more likely to have taught or coached for an organization as an unpaid volunteer (61.5 per cent and 58.6 per cent, respectively), or to have collected, served, or delivered food or other goods for an organization (37.2 per cent compared to 32.9 per cent) (Table 18).

Those youth who engaged in organized sporting activity were more likely to have performed voluntary consulting or administrative work or to have been an unpaid member of a board or committee for an organization (29.0 per cent and 41.3 per cent, respectively) compared to youth who did not participate (22.2 per cent and 27.1 per cent, respectively) (Table 18).

The National Population Health Survey, 1996 and 1998

The National Population Health Survey (NPHS) is a biennial longitudinal survey from Statistics Canada that provides data on the health and welfare of Canadians, mainly concentrating on those over the age of 12 years. Information on the sporting and recreational activities of youth, from the most recently available cycle years of 1996 and 1998, are presented here. Due to the nature of the survey questions we could not isolate those respondents who participated in organised from those in non-organised sporting activities – the NPHS does not clearly distinguish between formal and informal, coached versus non-coached, and school versus other participation. What we have done is to group sporting and recreational activities into classes. In so doing we have tried to gather together recreational activities which we presume would need some sort of coaching or instruction. We have attempted to conform as closely as possible to the definition of physical recreation used in this report. The sample size of the NPHS is not large enough in many instances to provide estimates for youth aged 12 to 14. For this reason we have been forced to increase the age range for the income and gender analyses.

Physical Activity

In the tables below, comparisons are made between youth aged 12 to 14 years and 15 to 19 years in their rates of participation in various grouped activities in 1996 and 1998. In Table 19 we observe that in both 1996 and 1998 the rate of participation in winter and summer sports was higher among the younger youth (12 to 14 years) compared to the older youth (15 to 19). For each of the age groups the rate of participation in the various sports increased between 1996 and 1998. For example, the rate of winter recreation participation of 12 to 14 year olds increased from 45.9 per cent in 1996 to 59.8 per cent in 1998. Not all of the changes were as large.

Data in Table 19 demonstrate that males (age 12 to 24 years) are relatively more likely to be participating in sporting recreational activities compared to females of the same age. In 1998 75.0 per cent of males participated in summer sports compared to 63.7 per cent of females. For both males and females, between 1996 and 1998, there were increases in the participation rates. In particular, both males and females saw large increases in winter sports participation between 1996 and 1998.

Differences in participation rates for youth aged 12 to 24 years, varied by household income (Table 19). Grouped sports activity categories showed steep gradients in both 1998 and 1996. Those youth living in lower income households compared to those in higher income households experienced much lower participation rates. For example, less than half (46.1 per cent) in families with incomes below \$10,000 participated in summer sports compared to over three-quarters (75.5 per cent) of youth in families with incomes of \$60,000 or more.

The Family Expenditure Survey, 1992 and the Survey of Household Spending, 1998

Families with Children – Spending Patterns on Recreation

Statistics Canada has collected national data on the spending patterns of families in Canada using two surveys: the Family Expenditure Survey (FAMEX) and more recently this survey was replaced with the Survey of Household Spending (SHS). Among the many expenditure items collected is information on the amount spent by each family on recreational pursuits. Although we cannot clearly link spending patterns on recreation to spending on children's recreation, we can assume that at least some and perhaps a relatively large proportion of the spending on recreation is related to having children. These data provide some context when discussing the impact of income inequality on recreational pursuits. All expenditure comparisons between 1992 and 1998 are in constant 1998 dollars.

Average annual recreational expenditure data for families with children from the 1992 FAMEX are compared to similar data from the 1998 SHS (Table 20). The majority of families with children (under the age of 15 in 1992 and under age 17 in 1998) had expenditures associated with recreation⁵. However, patterns of spending varied among these families depending upon their level of family income. Families were divided into three groups by family income: lowest (less than \$40,104 in 1992 and less than \$41,999); middle (\$40,104 to \$64,217 in 1992 and \$42,000 to \$67,999 in 1998); and highest (greater than \$64,218 in 1992 and greater than \$68,000 in 1998).

Families with children in the lowest income group spent an average of \$1,895 on recreation in 1998, or 7.5 per cent of average household income for this group. Middle income families spent more dollar wise on recreation, \$3,413, representing a slightly smaller proportion (6.3 per cent) of their average total household income. Families in the highest third of income spent the largest dollar amount, \$5,982, but this amount only amounted to 5.8 per cent of their average total household income. A similar pattern of recreational spending is observed for families in 1992.

Looking at expenditures on recreation in Table 20, we observe that they have changed across all income levels between 1992 and 1998. The largest change in terms of recreational spending is found among middle income families. Between 1992 and 1998 middle income families with children spending jumped 25% from \$2,738 to \$3,413. Families in the lowest third increased their spending during this period by 20.4 per cent, while those in the highest income group saw expenditures related to recreation increase by 16.2 per cent.

⁵ The 1992 FAMEX data restrict our analysis of families with children to those with children under the age of 15. The 1998 SHS data restricts families with children to those with children under the age of 18. While we do make comparisons regarding changes in spending on recreation between these two time periods, readers are cautioned regarding the different populations being compared. Data restrictions prevented us from restricting the age of children to those youth between the ages 10 to 15 years.

The overall trend shows that recreation spending is on the rise for all families with children regardless of level of family income. However, the dollar amounts spent on recreation, vary considerably by level of family income. Families with children in the lowest income bracket seem to be spending proportionately more of their income to insure that they and their children have access to the same recreation services and opportunities as middle and higher income families.

Special Surveys and Administrative Data

The CCSD has recently conducted a unique survey of municipal providers of recreation. The purpose of this survey is to determine changes/patterns in the application of user fees to frequently used youth recreation programs, including aquatics, athletics, youth leadership, drop-in and after-school programs. The survey also identifies barriers to youth participation and potential solutions being applied. [The results of this survey and its application to the insufficiency hypothesis, will follow this document].

Limitations

One key limitation of existing data sources is that it is not possible (to the best of our knowledge) to link the recreational experiences of youth to adult characteristics or outcomes. At best this may be done to some degree by ‘linking’ separate empirical findings. For example, it is reasonable to assume that **if** participation in physical recreation is linked to better youth health, and **if** better youth health is linked to better health as an adult then participation in physical recreation as a child will lead to better health as an adult. Yet this is an indirect connection that does not allow for

A second key limitation is the lack of data on provision of recreation by various types of providers. Again to the best of our knowledge, there has been no aggregation of disaggregated administrative data such as that which might be collected by municipalities or associations. We will, however, seek to verify this.

A third key limitation is that the databases currently available do not, for the most part, concentrate on recreational activities as a central part of children’s lives. More detailed information on the recreational activities of youth and how they affect important social outcomes, can be gleaned from the NLSCY. However, another problem one common to each of the databases, is that the NLSCY sample size is too small to provide reliable estimates if we consider controlling for more than a few variables. Indeed, geographic breakdowns of variations in recreational activity by volunteering activity, cannot be obtained due to the small sample size. Furthermore, the age restriction of the research question to youth between the ages of 10 to 15 years tends to reduce the sample size of any database – again impairing the ability to obtain reliable estimates.

On the positive side, it is possible to assemble some information on both the type and level of involvement of youth in recreational activity and to investigate correlates between such involvement and indicators of youth development and outcomes. It is also possible to look at some of the socio-economic determinants of and barriers to participation in recreation.

Conclusion

Our analysis of a number of national databases reveals that youth participation in recreational activities is influenced by many socio-demographic variables. Income of either the family or household of a child is likely to affect the likelihood of their participation in organised recreational activities. Other important determinants of children's participation surveyed here include family type, gender and urban size.

Participation in organised recreational activity affects many important child outcomes. Youth participation is linked to more positive relationships with ones peers and friends, higher self-esteem, a greater likelihood of performing better in school, increased future educational expectations, better health, decreased participation in negative behaviours such as drinking and smoking and lower levels of television viewing. However, children who participated in recreational activities appear to be somewhat less likely to get along as well with their siblings.

Lastly, youth participation in organised recreational activity is generally associated with higher levels of volunteering and community service. This relationship does, however, vary by database used and the form of recreational activity observed, but holds for the majority of recreational pursuits. Furthermore, information provided in this report suggests that childhood recreational activity is related to adult volunteering and community work. This propensity is based on information of younger adults but is somewhat indirect since it relies upon adult reflections of their younger recreational pursuits. As mentioned in the previous section, a need exists for direction information connecting child activities and later adult volunteering.

Overall, it can be stated that youth organised and structured recreational activity is an important element in their development and possible later civic competence and likelihood of participating in community life. However, the data limitations that presently exist need to be overcome to allow us to make more than general statements regarding the research hypotheses.

To conclude, this project has concentrated mainly upon a presentation and analysis of data from a number of Statistics Canada databases including the NLSCY, which bear upon the first three hypotheses contained in the Laidlaw discussion document. While some preliminary work has been done with each of the databases, a more thorough 'mining' of the surveys (particularly the third cycle of the NLSCY, 1998) will add to our knowledge, and complement and help inform the literature review part of the project as a whole.

Appendix A Data Tables

Table 1

Structured Recreational Activities – Children 10 to 13 Years, 1996

	Never	Less than once/week	One or more times a week	Total	Total
How often played sports with a coach?	20.8	12.8	66.4	100.0	1,396,400
How often taken dance gymnastics?	59.2	13.3	27.5	100.0	1,388,200
How often take art/drama/music lessons?	50.7	13.1	36.2	100.0	1,387,600
How often take part in Guides/Scouts?	60.1	13.8	26.1	100.0	1,386,900

	Yes	No	Total	Total
Did child attend over night camp?	28.7	71.3	100.0	1,582,200
Did child attend day camp last summer?	31.0	69.0	100.0	1,581,800

Source: Prepared by the CCSD using Statistics Canada's National Longitudinal Survey of Children and Youth, 1996

Table 2

Total Family Income Quintiles 1996 by How often played sports with a coach?

How often played sports with a coach?					
Total Family Income Quintiles 1996	Never	Less than once/week	One or more times a week	Total	Total
Lowest	28.6	14.8	56.6	100.0	272,100
Second	23.0	12.6*	64.4	100.0	265,900
Third	21.8	12.5*	65.8	100.0	277,300
Fourth	17.8	11.6*	70.6	100.0	286,600
Highest	13.6	12.5*	73.8	100.0	294,600
Total	20.8	12.8	66.4	100.0	1,396,400

Total Family Income Quintiles 1996 by How often taken dance/gymnastics?

How often taken dance/gymnastics?					
Total Family Income Quintiles 1996	Never	Less than once/week	One or more times a week	Total	Total
Lowest	60.5	13.5	26.0	100.0	270,900
Second	54.6	15.5	29.9	100.0	267,800
Third	58.5	15.7	25.8	100.0	274,400
Fourth	59.8	11.8*	28.4	100.0	284,100
Highest	62.3	10.3*	27.4	100.0	291,100
Total	59.2	13.3	27.5	100.0	1,388,200

Total Family Income Quintiles 1996 by How often taken art/drama/music lessons?

How often taken art/drama/music lessons?					
Total Family Income Quintiles 1996	Never	Less than once/week	One or more times a week	Total	Total
Lowest	51.6	13.6	34.8	100.0	271,300
Second	54.1	13.5	32.5	100.0	268,200
Third	47.9	13.8	38.3	100.0	276,700
Fourth	51.2	13.8	35.0	100.0	282,200
Highest	48.8	10.9*	40.3	100.0	289,200
Total	50.7	13.1	36.2	100.0	1,387,600

Total Family Income Quintiles 1996 by How often taken part in Guides/Scouts?

How often taken part in Guides/Scouts?					
Total Family Income Quintiles 1996	Never	Less than once/week	One or more times a week	Total	Total
Lowest	61.2	13.3	25.4	100.0	268,400
Second	61.1	14.8	24.2	100.0	267,100
Third	60.5	13.8	25.7	100.0	276,000
Fourth	55.2	15.8	29.0	100.0	283,200
Highest	62.6	11.6*	25.8	100.0	292,300
Total	60.1	13.8	26.1	100.0	1,386,900

Table 2 (cont.)

Total Family Income Quintiles 1996 by Any special responsibility in activities??

Any special responsibility in activities?				
Total Family Income Quintiles 1996	Yes	No	Total	Total
Lowest	41.6	58.4	100.0	141,600
Second	33.6	66.4	100.0	137,300
Third	44.6	55.4	100.0	143,000
Fourth	39.6	60.4	100.0	128,700
Highest	39.1	60.9	100.0	147,200
Total	39.7	60.3	100.0	697,800

Total Family Income Quintiles 1996 by Helped without pay by fund raising?

Helped without pay by fund raising?				
Total Family Income Quintiles 1996	Yes	No	Total	Total
Lowest	40.1	59.9	100.0	138,800
Second	41.0	59.0	100.0	136,100
Third	47.6	52.4	100.0	143,700
Fourth	52.5	47.5	100.0	128,400
Highest	46.0	54.0	100.0	145,400
Total	45.4	54.6	100.0	692,500

Total Family Income Quintiles 1996 by Helped without pay by helping in community?

Helped without pay by helping in community?				
Total Family Income Quintiles 1996	Yes	No	Total	Total
Lowest	5.3*	94.7	100.0	138,800
Second	8.9*	91.1	100.0	136,100
Third	9.6*	90.4	100.0	143,700
Fourth	6.1*	93.9	100.0	128,400
Highest	12.7*	87.3	100.0	145,400
Total	8.6	91.4	100.0	692,500

Total Family Income Quintiles 1996 by Did child attend overnight camp?

Did child attend overnight camp?				
Total Family Income Quintiles 1996	Yes	No	Total	Total
Lowest	22.1	77.9	100.0	316,100
Second	24.2	75.8	100.0	315,900
Third	29.2	70.8	100.0	314,600
Fourth	29.8	70.2	100.0	318,300
Highest	38.0	62.0	100.0	317,200
Total	28.7	71.3	100.0	1,582,200

Table 2 (cont.)

Total Family Income Quintiles 1996 by Did child attend day camp last summer?

Total Family Income Quintiles 1996	Did child attend day camp last summer?			
	Yes	No	Total	Total
Lowest	20.2	79.8	100.0	316,100
Second	24.0	76.0	100.0	315,500
Third	31.1	68.9	100.0	314,600
Fourth	31.6	68.4	100.0	318,300
Highest	47.7	52.3	100.0	317,200
Total	31.0	69.0	100.0	1,581,800

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's National Longitudinal Survey of Children and Youth, 1996

Table 3

Low-Income cut-off (Pre-tax) 1996 by How often played sports with a coach?

How often played sports with a coach?					
Low-Income cut-off (Pre-tax) 1996	Never	Less than once/week	One or more times a week	Total	Total
Above LICO	18.8	12.2	69.0	100.0	1,102,500
Below LICO	29.1	14.7	56.2	100.0	270,500
Total	20.9	12.7	66.4	100.0	1,373,000

Low-Income cut-off (Pre-tax) 1996 by How often taken dance/gymnastics?

How often taken dance/gymnastics?					
Low-Income cut-off (Pre-tax) 1996	Never	Less than once/week	One or more times a week	Total	Total
Above LICO	58.8	13.5	27.6	100.0	1,092,300
Below LICO	61.1	12.2*	26.7	100.0	272,100
Total	59.3	13.3	27.5	100.0	1,364,400

Low-Income cut-off (Pre-tax) 1996 by How often taken art/drama/music lessons?

How often taken art/drama/music lessons?					
Low-Income cut-off (Pre-tax) 1996	Never	Less than once/week	One or more times a week	Total	Total
Above LICO	50.6	13.0	36.5	100.0	1,092,500
Below LICO	51.7	13.2*	35.2	100.0	273,200
Total	50.8	13.0	36.2	100.0	1,365,700

Low-Income cut-off (Pre-tax) 1996 by How often taken part in Guides/Scouts?

How often taken part in Guides/Scouts?					
Low-Income cut-off (Pre-tax) 1996	Never	Less than once/week	One or more times a week	Total	Total
Above LICO	60.4	13.3	26.3	100.0	1,094,500
Below LICO	60.4	15.4	24.2	100.0	269,400
Total	60.4	13.7	25.9	100.0	1,363,900

Low-Income cut-off (Pre-tax) 1996 by Any special responsibility in activities?

Any special responsibility in activities?				
Low-Income cut-off (Pre-tax) 1996	Yes	No	Total	Total
Above LICO	39.8	60.2	100.0	547,500
Below LICO	39.7	60.3	100.0	140,500
Total	39.8	60.2	100.0	687,900

Table 3 (cont.)

Low-Income cut-off (Pre-tax) 1996 by Helped without pay by fund raising?

Helped without pay by fund raising?				
Low-Income cut-off (Pre-tax) 1996	Yes	No	Total	Total
Above LICO	46.3	53.7	100.0	544,400
Below LICO	40.9	59.1	100.0	137,100
Total	45.2	54.8	100.0	681,500

Low-Income cut-off (Pre-tax) 1996 by Helped without pay by helping in community?

Helped without pay by helping in community?				
Low-Income cut-off (Pre-tax) 1996	Yes	No	Total	Total
Above LICO	9.5	90.5	100.0	544,400
Below LICO	---	94.4	100.0	137,100
Total	8.7	91.3	100.0	681,500

Low-Income cut-off (Pre-tax) 1996 by Did child attend overnight camp?

Did child attend overnight camp?				
Low-Income cut-off (Pre-tax) 1996	Yes	No	Total	Total
Above LICO	29.9	70.1	100.0	1,230,700
Below LICO	24.0	76.0	100.0	319,600
Total	28.7	71.3	100.0	1,550,300

Low-Income cut-off (Pre-tax) 1996 by Did child attend day camp last summer?

Did child attend day camp last summer?				
Low-Income cut-off (Pre-tax) 1996	Yes	No	Total	Total
Above LICO	33.8	66.2	100.0	1,230,300
Below LICO	21.0	79.0	100.0	319,600
Total	31.2	68.8	100.0	1,549,900

--- sample size too small to provide reliable estimate

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's National Longitudinal Survey of Children and Youth, 1996

Table 4

Family Type by How often played sports with a coach?

How often played sports with a coach?					
Family Type	Never	Less than once/week	One or more times a week	Total	Total
Two Parent	19.7	12.6	67.7	100.0	1,155,300
Lone Parent	26.0	13.6*	60.4	100.0	239,700
Total	20.8	12.8	66.4	100.0	1,395,000

Family Type by How often taken dance/gymnastics?

How often taken dance/gymnastics?					
Family Type	Never	Less than once/week	One or more times a week	Total	Total
Two Parent	59.6	13.1	27.3	100.0	1,148,800
Lone Parent	57.3	14.0*	28.7	100.0	238,000
Total	59.2	13.3	27.5	100.0	1,386,800

Family Type by How often taken art/drama/music lessons?

How often taken art/drama/music lessons?					
Family Type	Never	Less than once/week	One or more times a week	Total	Total
Two Parent	49.9	13.0	37.1	100.0	1,147,200
Lone Parent	54.1	13.7*	32.2	100.0	238,900
Total	50.6	13.1	36.3	100.0	1,386,100

Family Type by How often taken part in Guides/Scouts?

How often taken part in Guides/Scouts?					
Family Type	Never	Less than once/week	One or more times a week	Total	Total
Two Parent	60.0	13.6	26.4	100.0	1,149,400
Lone Parent	60.3	14.8	24.9	100.0	236,000
Total	60.1	13.8	26.1	100.0	1,385,500

Family Type by Any special responsibility in activities?

Any special responsibility in activities?				
Family Type	Yes	No	Total	Total
Two Parent	40.1	59.9	100.0	568,100
Lone Parent	38.2	61.8	100.0	129,400
Total	39.8	60.2	100.0	697,500

Table 4 (cont.)

Family Type by Helped without pay by fund raising?

Helped without pay by fund raising?				
Family Type	Yes	No	Total	Total
Two Parent	45.3	54.7	100.0	566,100
Lone Parent	45.7	54.3	100.0	126,100
Total	45.4	54.6	100.0	692,200

Family Type by Helped without pay by helping in community?

Helped without pay by helping in community?				
Family Type	Yes	No	Total	Total
Two Parent	9.1	90.9	100.0	566,100
Lone Parent	---	93.7	100.0	126,100
Total	8.6	91.4	100.0	692,200

Family Type by Did child attend overnight camp?

Did child attend overnight camp?				
Family Type	Yes	No	Total	Total
Two Parent	29.1	70.9	100.0	1,306,500
Lone Parent	26.8	73.2	100.0	273,700
Total	28.7	71.3	100.0	1,580,200

Family Type by Did child attend day camp last summer?

Did child attend day camp last summer?				
Family Type	Yes	No	Total	Total
Two Parent	31.6	68.4	100.0	1,306,500
Lone Parent	27.9	72.1	100.0	273,300
Total	31.0	69.0	100.0	1,579,800

--- sample size too small to provide reliable estimate

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's National Longitudinal Survey of Children and Youth, 1996

Table 5

Gender by How often played sports with a coach?

How often played sports with a coach?					
Gender	Never	Less than once/week	One or more times a week	Total	Total
Male	18.9	12.8	68.3	100.0	695,700
Female	22.7	12.7	64.5	100.0	700,800
Total	20.8	12.8	66.4	100.0	1,396,400

Gender by How often taken dance/gymnastics?

How often taken dance/gymnastics?					
Gender	Never	Less than once/week	One or more times a week	Total	Total
Male	71.7	11.4	16.9	100.0	690,300
Female	46.8	15.2	38.0	100.0	698,000
Total	59.2	13.3	27.5	100.0	1,388,200

Gender by How often taken art/drama/music lessons?

How often taken art/drama/music lessons?					
Gender	Never	Less than once/week	One or more times a week	Total	Total
Male	58.7	12.5	28.8	100.0	684,000
Female	42.9	13.7	43.4	100.0	703,600
Total	50.7	13.1	36.2	100.0	1,387,600

Gender by How often taken part in Guides/Scouts?

How often taken part in Guides/Scouts?					
Gender	Never	Less than once/week	One or more times a week	Total	Total
Male	64.4	12.9	22.7	100.0	687,900
Female	55.9	14.7	29.4	100.0	699,000
Total	60.1	13.8	26.1	100.0	1,386,900

Gender by Any special responsibility in activities?

Any special responsibility in activities?				
Gender	Yes	No	Total	Total
Male	43.2	56.8	100.0	347,300
Female	36.3	63.7	100.0	350,600
Total	39.7	60.3	100.0	697,800

Table 5 (cont.)

Gender by Helped without pay by fund raising?

Helped without pay by fund raising?				
Gender	Yes	No	Total	Total
Male	41.3	58.7	100.0	344,500
Female	49.4	50.6	100.0	348,000
Total	45.4	54.6	100.0	692,500

Gender by Helped without pay by helping in community?

Helped without pay by helping in community?				
Gender	Yes	No	Total	Total
Male	7.2*	92.8	100.0	344,500
Female	10.0*	90.0	100.0	348,000
Total	8.6	91.4	100.0	692,500

Gender by Did child attend overnight camp?

Did child attend overnight camp?				
Gender	Yes	No	Total	Total
Male	26.5	73.5	100.0	807,900
Female	30.9	69.1	100.0	774,300
Total	28.7	71.3	100.0	1,582,200

Gender by Did child attend day camp last summer?

Did child attend day camp last summer?				
Gender	Yes	No	Total	Total
Male	31.1	68.9	100.0	807,800
Female	30.8	69.2	100.0	774,000
Total	31.0	69.0	100.0	1,581,800

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's National Longitudinal Survey of Children and Youth, 1996

Table 6

Urban Area Size Area Size by How often played sports with a coach?

How often played sports with a coach?					
Urban Area Size	Never	Less than once/week	One or more times a week	Total	Total
City 100,000 or more people	20.6	11.8	67.6	100.0	853,300
City 100,000 or fewer people	19.9	13.2	66.9	100.0	346,000
Rural Area	23.4	16.8*	59.8	100.0	186,500
Total	20.8	12.8	66.4	100.0	1,385,900

Urban Area Size Area Size by How often taken dance/gymnastics?

How often taken dance/gymnastics?					
Urban Area Size	Never	Less than once/week	One or more times a week	Total	Total
City 100,000 or more people	58.2	13.3	28.5	100.0	849,700
City 100,000 or fewer people	59.0	13.5	27.6	100.0	342,700
Rural Area	64.3	12.4*	23.2	100.0	185,200
Total	59.2	13.2	27.6	100.0	1,377,500

Urban Area Size Area Size by How often taken art/drama/music lessons?

How often taken art/drama/music lessons?					
Urban Area Size	Never	Less than once/week	One or more times a week	Total	Total
City 100,000 or more people	49.7	12.3	37.9	100.0	848,000
City 100,000 or fewer people	50.1	14.6	35.3	100.0	344,700
Rural Area	56.4	13.3*	30.3	100.0	184,800
Total	50.7	13.0	36.3	100.0	1,377,400

Urban Area Size Area Size by How often taken part in Guides/Scouts?

How often taken part in Guides/Scouts?					
Urban Area Size	Never	Less than once/week	One or more times a week	Total	Total
City 100,000 or more people	61.2	12.5	26.4	100.0	847,800
City 100,000 or fewer people	58.2	15.7	26.1	100.0	343,000
Rural Area	60.1	15.6*	24.3	100.0	186,100
Total	60.3	13.7	26.0	100.0	1,376,900

Table 6 (cont.)

Urban Area Size Area Size by Any special responsibility in activities?

Urban Area Size	Any special responsibility in activities?			Total
	Yes	No	Total	
City 100,000 or more people	38.4	61.6	100.0	430,500
City 100,000 or fewer people	42.0	58.0	100.0	170,100
Rural Area	43.0	57.0	100.0	92,000
Total	39.9	60.1	100.0	692,600

Urban Area Size Area Size by Helped without pay by fund raising?

Urban Area Size	Helped without pay by fund raising?			Total
	Yes	No	Total	
City 100,000 or more people	43.4	56.6	100.0	428,900
City 100,000 or fewer people	49.8	50.2	100.0	166,500
Rural Area	46.0	54.0	100.0	91,900
Total	45.3	54.7	100.0	687,300

Urban Area Size Area Size by Helped without pay by helping in community?

Urban Area Size	Helped without pay by helping in community?			Total
	Yes	No	Total	
City 100,000 or more people	8.2*	91.8	100.0	428,900
City 100,000 or fewer people	8.2*	91.8	100.0	166,500
Rural Area	11.8*	88.2	100.0	91,900
Total	8.7	91.3	100.0	687,300

Urban Area Size Area Size by Helped without pay by helping neighbours?

Urban Area Size	Helped without pay by helping neighbours?			Total
	Yes	No	Total	
City 100,000 or more people	40.3	59.7	100.0	428,900
City 100,000 or fewer people	45.2	54.8	100.0	166,500
Rural Area	54.4	45.6	100.0	91,900
Total	43.4	56.6	100.0	687,300

Table 6 (cont.)

Urban Area Size Area Size by Did child attend overnight camp?

Urban Area Size	Did child attend overnight camp?			Total
	Yes	No	Total	
City 100,000 or more people	30.8	69.2	100.0	953,800
City 100,000 or fewer people	24.8	75.2	100.0	397,000
Rural Area	26.3	73.7	100.0	216,800
Total	28.7	71.3	100.0	1,567,600

Urban Area Size Area Size by Did child attend day camp last summer?

Urban Area Size	Did child attend day camp last summer?			Total
	Yes	No	Total	
City 100,000 or more people	33.1	66.9	100.0	953,800
City 100,000 or fewer people	31.6	68.4	100.0	396,600
Rural Area	21.0	79.0	100.0	216,800
Total	31.0	69.0	100.0	1,567,200

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's National Longitudinal Survey of Children and Youth, 1996

Table 7

Visible Minority by How often played sports with a coach?

How often played sports with a coach?					
Visible Minority	Never	Less than once/week	One or more times a week	Total	Total
Not a visible minority	21.3	12.5	66.2	100.0	1,270,200
Visible Minority	15.5*	---	68.8	100.0	126,100
Total	20.8	12.8	66.4	100.0	1,396,300

Visible Minority by How often taken dance/gymnastics?

How often taken dance/gymnastics?					
Visible Minority	Never	Less than once/week	One or more times a week	Total	Total
Not a visible minority	59.8	13.0	27.2	100.0	1,257,400
Visible Minority	53.3	---	30.3	100.0	130,700
Total	59.2	13.3	27.5	100.0	1,388,100

Visible Minority by How often taken art/drama/music lessons?

How often taken art/drama/music lessons?					
Visible Minority	Never	Less than once/week	One or more times a week	Total	Total
Not a visible minority	51.3	12.7	36.0	100.0	1,258,500
Visible Minority	45.1	16.7*	38.1	100.0	129,000
Total	50.7	13.1	36.2	100.0	1,387,500

Visible Minority by How often taken part in Guides/Scouts?

How often taken part in Guides/Scouts?					
Visible Minority	Never	Less than once/week	One or more times a week	Total	Total
Not a visible minority	59.3	14.2	26.5	100.0	1,258,900
Visible Minority	68.2	---	21.7	100.0	128,000
Total	60.1	13.8	26.1	100.0	1,386,900

Table 7 (cont.)

Visible Minority by Any special responsibility in activities?

Any special responsibility in activities?				
Visible Minority	Yes	No	Total	Total
Not a visible minority	39.7	60.3	100.0	633,400
Visible Minority	39.9	60.1	100.0	64,300
Total	39.7	60.3	100.0	697,800

Visible Minority by Helped without pay by fund raising?

Helped without pay by fund raising?				
Visible Minority	Yes	No	Total	Total
Not a visible minority	46.5	53.5	100.0	627,700
Visible Minority	34.2*	65.8	100.0	64,800
Total	45.4	54.6	100.0	692,500

Visible Minority by Helped without pay by helping in community?

Helped without pay by helping in community?				
Visible Minority	Yes	No	Total	Total
Not a visible minority	9.0	91.0	100.0	627,700
Visible Minority	---	95.1	100.0	64,800
Total	8.6	91.4	100.0	692,500

Visible Minority by Did child attend overnight camp?

Did child attend overnight camp?				
Visible Minority	Yes	No	Total	Total
Not a visible minority	28.8	71.2	100.0	1,426,300
Visible Minority	26.8	73.2	100.0	153,600
Total	28.6	71.4	100.0	1,579,900

Visible Minority by Did child attend day camp last summer?

Did child attend day camp last summer?				
Visible Minority	Yes	No	Total	Total
Not a visible minority	31.5	68.5	100.0	1,426,000
Visible Minority	25.3	74.7	100.0	153,500
Total	30.9	69.1	100.0	1,579,500

--- sample size too small to provide reliable estimate

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's National Longitudinal Survey of Children and Youth, 1996

Table 8

How often played sports with a coach? by How many hours a day do you watch TV?

How many hours a day do you watch TV?				
How often played sports with a coach.	0 - 2 hrs a day	3 or more hrs a day	Total	Total
Never	41.1	58.9	100.0	127,800
Less than once a week	50.8	49.2	100.0	85,900
One or more times a week	48.3	51.7	100.0	467,200
Total	47.3	52.7	100.0	680,900

How often played sports with a coach? by Days/week watch tv outside of school?

Days/week watch tv outside of school?						
How often played sports with a coach.	Two days or less	3 or 4 days	5 or 6 days	7 days	Total	Total
Never	12.02*	12.7*	14.3*	61.1*	100.0	158,000
Less than once a week	---	16.1*	25.4*	47.9*	100.0	90,900
One or more times a week	15.8	18.0	19.0	47.3	100.0	443,400
Total	14.3	16.5	18.7	50.5	100.0	692,300

How often played sports with a coach? by Hours/day spend on computer?

Hours/day spend on computer?					
How often played sports with a coach.	No time on computer	Less than 1 hour a day	1 or more hrs a day	Total	Total
Never	46.5	35.4	18.1*	100.0	106,800
Less than once a week	30.7*	55.1*	---	100.0	57,000
One or more times a week	32.6	50.7	16.7	100.0	285,800
Total	35.7	47.6	16.7	100.0	449,600

How often played sports with a coach? by I have a lot of friends.

I have a lot of friends.				
How often played sports with a coach.	False/ mostly false - Sometimes false/ sometimes true	True/mostly true	Total	Total
Never	12.5	87.5	100.0	287,300
Less than once a week	11.4*	88.6	100.0	175,700
One or more times a week	9.6	90.4	100.0	918,300
Total	10.4	89.6	100.0	1,381,200

How often played sports with a coach? by Number of close friends

Number of close friends				
How often played sports with a coach.	None to Two	Three or more	Total	Total
Never	19.6*	80.4	100.0	113,800
Less than once a week	11.8*	88.2	100.0	78,600
One or more times a week	12.9	87.1	100.0	426,700
Total	14.0	86.0	100.0	619,100

Table 8 (cont.)

How often played sports with a coach? by Days per week doing things with friends

How often played sports with a coach.	Days per week doing things with friends			Total	Total
	Less than once a week/never	1 to 3 days/week	4 to 7 days/week		
Never	18.3	43.6	38.0	100.0	285,000
Less than once a week	13.3*	47.8	38.8	100.0	175,600
One or more times a week	11.9	42.7	45.4	100.0	911,000
Total	13.4	43.5	43.1	100.0	1,371,700

How often played sports with a coach? by I get along with kids easily.

How often played sports with a coach.	I get along with kids easily.		Total	Total
	False/mostly false - Sometimes false/sometimes true	True/mostly true		
Never	20.1	79.9	100.0	284,900
Less than once a week	19.5	80.5	100.0	176,300
One or more times a week	16.2	83.8	100.0	914,900
Total	17.4	82.6	100.0	1,376,100

How often played sports with a coach? by Other kids want me to be their friend.

How often played sports with a coach.	Other kids want me to be their friend.			Total	Total
	False/mostly false	Sometimes false/sometimes true	True/mostly true		
Never	9.9*	28.6	61.5	100.0	282,000
Less than once a week	7.2*	28.6	64.2	100.0	175,000
One or more times a week	7.1	24.6	68.3	100.0	911,300
Total	7.7	26.0	66.4	100.0	1,368,200

How often played sports with a coach? by Most other kids like me.

How often played sports with a coach.	Most other kids like me.			Total	Total
	False/mostly false	Sometimes false/sometimes true	True/mostly true		
Never	6.7*	18.0	75.3	100.0	286,700
Less than once a week	---	23.4	71.6	100.0	176,200
One or more times a week	4.7	16.7	78.5	100.0	916,200
Total	5.2	17.9	77.0	100.0	1,379,100

How often played sports with a coach? by How well got along with young people?

How often played sports with a coach.	How well got along with young people?			Total	Total
	Very or quite well	Pretty well	Not too well/not well at all		
Never	79.8	16.5	3.8*	100.0	279,100
Less than once a week	78.8	19.1*	---	100.0	167,700
One or more times a week	81.3	16.1	2.6*	100.0	880,100
Total	80.7	16.6	2.8	100.0	1,326,900

Table 8 (cont.)

How often played sports with a coach? by How well got along with mother?

How well got along with mother?					
How often played sports with a coach.	Very or quite well	Pretty well	Not too well/not well at all	Total	Total
Never	80.6	13.9	5.5*	100.0	287,100
Less than once a week	78.8	17.7*	---	100.0	175,200
One or more times a week	81.3	16.1	2.6*	100.0	913,000
Total	80.8	15.9	3.3	100.0	1,375,300

How often played sports with a coach? by How well got along with father?

How well got along with father?					
How often played sports with a coach.	Very or quite well	Pretty well	Not too well/not well at all	Total	Total
Never	81.0	14.7	4.4*	100.0	271,700
Less than once a week	78.2	17.4*	---	100.0	171,700
One or more times a week	83.5	13.5	3.0*	100.0	867,600
Total	82.3	14.3	3.5	100.0	1,310,900

How often played sports with a coach? by How well got along with siblings?

How well got along with siblings?					
How often played sports with a coach.	Very or quite well	Pretty well	Not too well/not well at all	Total	Total
Never	58.1	28.1	13.8	100.0	261,300
Less than once a week	52.3	35.9	11.9*	100.0	164,200
One or more times a week	50.8	37.7	11.5	100.0	857,400
Total	52.5	35.5	12.0	100.0	1,282,800

How often played sports with a coach? by How well are you doing in school?

How well are you doing in school?					
How often played sports with a coach.	Very Well/Well	Average	Poorly/very poorly	Total	Total
Never	68.5	28.1	---	100.0	287,200
Less than once a week	71.4	26.0	---	100.0	177,000
One or more times a week	74.7	22.2	3.2*	100.0	910,800
Total	73.0	23.9	3.1	100.0	1,375,000

How often played sports with a coach? by How far do you hope to go in school?

How far do you hope to go in school?					
How often played sports with a coach.	Complete Middle school/ Junior High	I will complete High School	I will complete college/ university	Total	Total
Never	16.0*	24.38	59.7	100.0	125,600
Less than once a week	---	25.3*	63.6	100.0	70,600
One or more times a week	7.6*	20.4	71.9	100.0	367,600
Total	9.9	21.9	68.2	100.0	563,800

Table 8 (cont.)

How often played sports with a coach? by Happy with life now

Happy with life now				
How often played sports with a coach.	Strongly disagree/disagree	Strongly agree/agree	Total	Total
Never	8.6*	91.4	100.0	159,100
Less than once a week	---	91.2	100.0	90,500
One or more times a week	5.0*	95.0	100.0	441,700
Total	6.4	93.6	100.0	691,400

How often played sports with a coach? by I am cruel, bully or am mean to others.

I am cruel, bully or am mean to others.				
How often played sports with a coach.	Never or not true	Sometimes or often true	Total	Total
Never	86.6	13.4	100.0	285,100
Less than once a week	85.2	14.8*	100.0	172,200
One or more times a week	86.3	13.7	100.0	912,200
Total	86.2	13.8	100.0	1,369,500

How often played sports with a coach? by Is child bullied on the way to, from or at school (3 category)?

Is child bullied on the way to, from or at school (3 category)?					
How often played sports with a coach.	No	Rarely	Some, most or all the time	Total	Total
Never	79.9	6.5*	13.5*	100.0	242,600
Less than once a week	76.7	---	16.9*	100.0	139,300
One or more times a week	83.6	5.7	10.7	100.0	759,700
Total	82.0	5.9	12.1	100.0	1,141,500

How often played sports with a coach? by Would you say child-s health is:

Would you say child-s health is:				
How often played sports with a coach.	Excellent health	Less than excellent health	Total	Total
Never	57.9	42.1	100.0	290,600
Less than once a week	60.0	40.0*	100.0	178,500
One or more times a week	63.0	37.0	100.0	927,300
Total	61.5	38.5	100.0	1,396,400

How often played sports with a coach? by How often has child been in good health over the past few months?

How often has child been in good health over the past few months?				
How often played sports with a coach.	Almost all the time/often	About half the time Sometimes/almost never	Total	Total
Never	87.0	13.0	100.0	290,600
Less than once a week	91.3	8.7	100.0	178,500
One or more times a week	90.7	9.3	100.0	927,300
Total	90.0	10.0	100.0	1,396,400

Table 8 (cont.)

How often played sports with a coach? by Have you ever tried cigarette smoking?

How often played sports with a coach.	Have you ever tried cigarette smoking?		Total	Total
	Yes	No		
Never	27.5	72.5	100.0	288,300
Less than once a week	22.8	77.2	100.0	177,200
One or more times a week	20.0	80.0	100.0	918,900
Total	21.9	78.1	100.0	1,384,300

How often played sports with a coach? by Does child drink alcohol?

How often played sports with a coach.	Does child drink alcohol?		Total	Total
	Not a drinker	Drinker or was one		
Never	88.3	11.7*	100.0	277,800
Less than once a week	88.0	12.0*	100.0	173,500
One or more times a week	89.4	10.6	100.0	901,000
Total	89.0	11.0	100.0	1,352,200

--- sample size too small to provide reliable estimate

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's National Longitudinal Survey of Children and Youth, 1996

Table 9

How often taken dance/gymnastics? by How many hours a day do you watch TV?

How many hours a day do you watch TV?				
How often taken dance/gymnastics?	0 - 2 hrs a day	3 or more hrs a day	Total	Total
Never	46.9	53.1	100.0	379,200
Less than once a week	43.5	56.5	100.0	82,600
One or more times a week	48.9	51.1	100.0	212,200
Total	47.1	52.9	100.0	674,000

How often taken dance/gymnastics? by Days/week watch tv outside of school?

Days/week watch tv outside of school?						
How often taken dance/gymnastics?	Two days or less	3 or 4 days	5 or 6 days	7 days	Total	Total
Never	13.5	15.3	18.5	52.7	100.0	432,900
Less than once a week	---	20.3*	18.5*	44.8	100.0	98,000
One or more times a week	14.0*	16.6*	18.8*	50.6	100.0	160,300
Total	14.1	16.3	18.6	51.1	100.0	691,200

How often taken dance/gymnastics? by Hours/day spend on computer?

Hours/day spend on computer?					
How often taken dance/gymnastics?	No time on computer	Less than 1 hour a day	1 or more hrs a day	Total	Total
Never	34.5	45.6	19.9	100.0	284,500
Less than once a week	38.0	51.3	---	100.0	65,600
One or more times a week	39.2	49.1	11.7*	100.0	99,200
Total	36.0	47.2	16.8	100.0	449,300

How often taken dance/gymnastics? by I have a lot of friends.

I have a lot of friends.				
How often taken dance/gymnastics?	False/ mostly false - Sometimes false/ sometimes true	True/mostly true	Total	Total
Never	11.1	88.9	100.0	812,500
Less than once a week	12.8*	87.2	100.0	184,200
One or more times a week	7.6*	92.4	100.0	375,700
Total	10.4	89.6	100.0	1,372,400

How often taken dance/gymnastics? by Number of close friends

Number of close friends				
How often taken dance/gymnastics?	None to Two	Three or more	Total	Total
Never	16.0	84.0	100.0	345,600
Less than once a week	14.7*	85.3	100.0	76,600
One or more times a week	10.5*	89.5	100.0	191,200
Total	14.1	85.9	100.0	613,400

Table 9 (cont.)

How often taken dance/gymnastics? by Days per week doing things with friends

How often taken dance/gymnastics?	Days per week doing things with friends			Total	Total
	Less than once a week/never	1 to 3 days/week	4 to 7 days/week		
Never	16.1	43.5	40.4	100.0	806,700
Less than once a week	13.1*	45.5	41.5	100.0	182,300
One or more times a week	7.6*	42.5	50.0	100.0	374,300
Total	13.4	43.5	43.2	100.0	1,363,300

How often taken dance/gymnastics? by I get along with kids easily.

How often taken dance/gymnastics?	I get along with kids easily.			Total	Total
	False/mostly false	True/mostly true	Total		
Never	18.2	81.8	100.0	808,800	
Less than once a week	14.6*	85.4	100.0	184,600	
One or more times a week	16.9	83.1	100.0	373,900	
Total	17.3	82.7	100.0	1,367,200	

How often taken dance/gymnastics? by Other kids want me to be their friend.

How often taken dance/gymnastics?	Other kids want me to be their friend.			Total	Total
	False/mostly false	Sometimes false/sometimes true	True/mostly true		
Never	8.7	26.6	64.7	100.0	800,600
Less than once a week	6.9*	32.8	60.3	100.0	184,000
One or more times a week	5.8*	20.7	73.5	100.0	373,200
Total	7.7	25.8	66.5	100.0	1,357,800

How often taken dance/gymnastics? by Most other kids like me.

How often taken dance/gymnastics?	Most other kids like me.			Total	Total
	False/mostly false	Sometimes false/sometimes true	True/mostly true		
Never	5.5	19.5	75.0	100.0	809,200
Less than once a week	---	22.7	73.0	100.0	184,400
One or more times a week	4.8*	11.8	83.4	100.0	374,600
Total	5.2	17.8	77.0	100.0	1,368,200

How often taken dance/gymnastics? by How well got along with young people?

How often taken dance/gymnastics?	How well got along with young people?			Total	Total
	Very or quite well	Pretty well	Not too well/not well at all		
Never	80.3	16.6	3.1*	100.0	785,300
Less than once a week	81.4	16.5*	---	100.0	178,700
One or more times a week	80.9	16.6	2.4*	100.0	357,200
Total	80.6	16.6	2.8	100.0	1,321,100

Table 9 (cont.)

How often taken dance/gymnastics? by How well got along with mother?

How well got along with mother?					
How often taken dance/gymnastics?	Very or quite well	Pretty well	Not too well/not well at all	Total	Total
Never	80.7	15.9	3.4*	100.0	808,800
Less than once a week	81.1	15.6*	---	100.0	182,800
One or more times a week	80.9	15.9	3.2*	100.0	376,700
Total	80.8	15.8	3.4	100.0	1,368,300

How often taken dance/gymnastics? by How well got along with father?

How well got along with father?					
How often taken dance/gymnastics?	Very or quite well	Pretty well	Not too well/not well at all	Total	Total
Never	81.8	14.7	3.4*	100.0	771,400
Less than once a week	84.3	12.9*	---	100.0	175,300
One or more times a week	82.3	13.7	4.0*	100.0	357,000
Total	82.3	14.2	3.5	100.0	1,303,800

How often taken dance/gymnastics? by How well got along with siblings?

How well got along with siblings?					
How often taken dance/gymnastics?	Very or quite well	Pretty well	Not too well/not well at all	Total	Total
Never	52.5	34.6	12.9	100.0	749,000
Less than once a week	56.0	33.4	10.6*	100.0	168,800
One or more times a week	50.8	38.1	11.1	100.0	356,700
Total	52.5	35.5	12.1	100.0	1,274,500

How often taken dance/gymnastics? by How well are you doing in school?

How well are you doing in school?					
How often taken dance/gymnastics?	Very Well/Well	Average	Poorly/very poorly	Total	Total
Never	72.7	24.6	2.7*	100.0	809,900
Less than once a week	74.9	21.3	---	100.0	182,000
One or more times a week	73.1	22.9	4.0*	100.0	375,900
Total	73.1	23.7	3.2	100.0	1,367,700

How often taken dance/gymnastics? by How far do you hope to go in school?

How far do you hope to go in school?					
How often taken dance/gymnastics?	Complete Middle school/ Junior High	I will complete High School	I will complete college/ university	Total	Total
Never	9.8*	23.3	66.9	100.0	341,400
Less than once a week	13.6*	18.3*	68.1	100.0	80,600
One or more times a week	8.6*	20.0*	71.4	100.0	138,300
Total	10.0	21.8	68.2	100.0	560,300

Table 9 (cont.)

How often taken dance/gymnastics? by Happy with life now

Happy with life now				
How often taken dance/gymnastics?	Strongly disagree/disagree	Strongly agree/agree	Total	Total
Never	6.4*	93.6	100.0	431,300
Less than once a week	---	94.0	100.0	98,800
One or more times a week	6.4*	93.6	100.0	159,600
Total	6.3	93.7	100.0	689,700

How often taken dance/gymnastics? by I am cruel, bully or am mean to others.

I am cruel, bully or am mean to others.				
How often taken dance/gymnastics?	Never or not true	Sometimes or often true	Total	Total
Never	85.7	14.3	100.0	809,300
Less than once a week	88.5	11.5*	100.0	181,100
One or more times a week	86.3	13.7	100.0	373,400
Total	86.3	13.7	100.0	1,363,700

How often taken dance/gymnastics? by Is child bullied on way to or at school (3 category)?

Is child bullied on the way to, from or at school (3 category)?					
How often taken dance/gymnastics?	No	Rarely	Some, most or all the time	Total	Total
Never	80.8	6.6	12.6	100.0	661,600
Less than once a week	78.9	7.3*	13.8*	100.0	160,200
One or more times a week	86.3	3.9*	9.8*	100.0	312,400
Total	82.0	6.0	12.0	100.0	1,134,200

How often taken dance/gymnastics? by Would you say child-s health is:

Would you say child-s health is:				
How often taken dance/gymnastics?	Excellent health	Less than excellent health	Total	Total
Never	61.7	38.3	100.0	821,600
Less than once a week	60.9	39.1	100.0	185,000
One or more times a week	61.1	38.9	100.0	381,700
Total	61.4	38.6	100.0	1,388,200

How often taken dance/gymnastics? by How often has child been in good health over the past few months?

How often has child been in good health over the past few months?				
How often taken dance/gymnastics?	Almost all the time/often	About half the time - Sometimes/almost never	Total	Total
Never	89.6	10.4	100.0	821,600
Less than once a week	89.9	10.1*	100.0	185,000
One or more times a week	91.0	9.0*	100.0	381,700
Total	90.0	10.0	100.0	1,388,200

Table 9 (cont.)

How often taken dance/gymnastics? by Have you ever tried cigarette smoking?

How often taken dance/gymnastics?	Have you ever tried cigarette smoking?		Total	Total
	Yes	No		
Never	21.7	78.3	100.0	813,000
Less than once a week	25.2	74.8	100.0	183,900
One or more times a week	20.7	79.3	100.0	379,100
Total	21.9	78.1	100.0	1,376,000

How often taken dance/gymnastics? by Does child drink alcohol?

How often taken dance/gymnastics?	Does child drink alcohol?		Total	Total
	Not a drinker	Drinker or was one		
Never	88.0	12.0	100.0	792,300
Less than once a week	91.1	8.9	100.0	179,800
One or more times a week	90.4	9.6	100.0	371,900
Total	89.1	10.9	100.0	1,344,100

--- sample size too small to provide reliable estimate

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's National Longitudinal Survey of Children and Youth, 1996

Table 10

How often taken art/drama/music? by How many hours a day do you watch TV?

How many hours a day do you watch TV?				
How often taken art/drama/music?	0 - 2 hrs a day	3 or more hrs a day	Total	Total
Never	44.6	55.4	100.0	302,900
Less than once a week	54.7	45.3	100.0	87,000
One or more times a week	48.2	51.8	100.0	284,900
Total	47.5	52.5	100.0	674,700

How often taken art/drama/music? by Days/week watch tv outside of school?

Days/week watch tv outside of school?						
How often taken art/drama/music?	Two days or less	3 or 4 days	5 or 6 days	7 days	Total	Total
Never	12.0	16.1	17.8	54.2	100.0	388,500
Less than once a week	13.0*	15.6*	20.4*	50.9	100.0	90,200
One or more times a week	18.9	17.8	19.7	43.6	100.0	210,400
Total	14.2	16.5	18.7	50.5	100.0	689,000

How often taken art/drama/music? by Hours/day spend on computer?

Hours/day spend on computer?					
How often taken art/drama/music?	No time on computer	Less than 1 hour a day	1 or more hrs a day	Total	Total
Never	37.6	46.9	15.5	100.0	254,500
Less than once a week	33.5*	42.8	23.7*	100.0	57,500
One or more times a week	34.1	49.2	16.6*	100.0	137,100
Total	36.0	47.1	16.9	100.0	449,100

How often taken art/drama/music? by I have a lot of friends.

I have a lot of friends.				
How often taken art/drama/music?	False/ mostly false - Sometimes false/ sometimes true	True/mostly true	Total	Total
Never	11.3	88.7	100.0	695,600
Less than once a week	10.5*	89.5	100.0	180,200
One or more times a week	9.5	90.5	100.0	496,400
Total	10.5	89.5	100.0	1,372,200

How often taken art/drama/music? by Number of close friends

Number of close friends				
How often taken art/drama/music?	None to Two	Three or more	Total	Total
Never	17.3	82.7	100.0	280,600
Less than once a week	14.9*	85.1	100.0	80,600
One or more times a week	9.9*	90.1	100.0	254,000
Total	14.0	86.0	100.0	615,100

Table 10 (cont.)

How often taken art/drama/music? by Days per week doing things with friends

How often taken art/drama/music?	Days per week doing things with friends			Total	Total
	Less than once a week/never	1 to 3 days/week	4 to 7 days/week		
Never	15.4	43.2	41.3	100.0	694,600
Less than once a week	10.5*	41.0	48.4	100.0	179,600
One or more times a week	11.4	44.6	44.0	100.0	488,500
Total	13.3	43.4	43.2	100.0	1,362,700

How often taken art/drama/music? by I get along with kids easily.

How often taken art/drama/music?	I get along with kids easily.			Total	Total
	False/mostly false	True/mostly true	Total		
Never	17.0	83.0	100.0	694,100	
Less than once a week	19.7	80.3	100.0	179,900	
One or more times a week	16.9	83.1	100.0	492,800	
Total	17.3	82.7	100.0	1,366,800	

How often taken art/drama/music? by Other kids want me to be their friend.

How often taken art/drama/music?	Other kids want me to be their friend.			Total	Total
	False/mostly false	Sometimes false/sometimes true	True/mostly true		
Never	8.9	26.2	64.9	100.0	687,900
Less than once a week	6.4*	22.8	70.7	100.0	180,100
One or more times a week	6.6*	26.4	67.0	100.0	489,000
Total	7.7	25.8	66.4	100.0	1,356,900

How often taken art/drama/music? by Most other kids like me.

How often taken art/drama/music?	Most other kids like me.			Total	Total
	False/mostly false	Sometimes false/sometimes true	True/mostly true		
Never	6.6	17.8	75.6	100.0	693,300
Less than once a week	---	18.3*	77.2	100.0	179,800
One or more times a week	3.6*	17.3	79.2	100.0	494,600
Total	5.2	17.7	77.1	100.0	1,367,700

How often taken art/drama/music? by How well got along with young people?

How often taken art/drama/music?	How well got along with young people?			Total	Total
	Very or quite well	Pretty well	Not too well/not well at all		
Never	81.7	15.8	2.6*	100.0	678,000
Less than once a week	76.2	21.2	---	100.0	173,500
One or more times a week	81.0	15.9	3.1*	100.0	469,300
Total	80.7	16.5	2.8	100.0	1,320,900

Table 10 (cont.)

How often taken art/drama/music? by How well got along with mother?

How well got along with mother?					
How often taken art/drama/music?	Very or quite well	Pretty well	Not too well/not well at all	Total	Total
Never	81.7	14.9	3.5*	100.0	693,600
Less than once a week	76.6	18.8	---	100.0	179,500
One or more times a week	81.1	16.1	2.8	100.0	495,500
Total	80.8	15.8	3.4	100.0	1,368,500

How often taken art/drama/music? by How well got along with father?

How well got along with father?					
How often taken art/drama/music?	Very or quite well	Pretty well	Not too well/not well at all	Total	Total
Never	82.3	14.4	3.3*	100.0	655,500
Less than once a week	79.5	16.8*	---	100.0	171,500
One or more times a week	83.2	13.1	3.7*	100.0	477,300
Total	82.3	14.2	3.5	100.0	1,304,200

How often taken art/drama/music? by How well got along with siblings?

How well got along with siblings?					
How often taken art/drama/music?	Very or quite well	Pretty well	Not too well/not well at all	Total	Total
Never	54.8	33.5	11.8	100.0	635,200
Less than once a week	53.4	36.9	9.7*	100.0	171,900
One or more times a week	49.4	37.6	13.0	100.0	466,900
Total	52.6	35.5	11.9	100.0	1,274,000

How often taken art/drama/music? by How well are you doing in school?

How well are you doing in school?					
How often taken art/drama/music?	Very Well/Well	Average	Poorly/very poorly	Total	Total
Never	71.1	26.2	2.7*	100.0	693,100
Less than once a week	73.4	23.3	---	100.0	178,000
One or more times a week	75.7	20.5	3.8*	100.0	496,200
Total	73.1	23.7	3.2	100.0	1,367,300

How often taken art/drama/music? by How far do you hope to go in school?

How far do you hope to go in school?					
How often taken art/drama/music?	Complete Middle school/ Junior High	I will complete High School	I will complete college/ university	Total	Total
Never	10.8*	24.2	64.9	100.0	315,700
Less than once a week	---	21.3*	69.4	100.0	74,100
One or more times a week	7.7*	17.9*	74.5	100.0	172,700
Total	9.7	21.9	68.4	100.0	562,500

Table 10 (cont.)

How often taken art/drama/music? by Happy with life now

Happy with life now				
How often taken art/drama/music?	Strongly disagree/disagree	Strongly agree/agree	Total	Total
Never	6.0*	94.0	100.0	389,200
Less than once a week	10.5*	89.5	100.0	90,600
One or more times a week	4.7*	95.3	100.0	209,500
Total	6.2	93.8	100.0	689,300

How often taken art/drama/music? by I am cruel, bully or am mean to others.

I am cruel, bully or am mean to others.				
How often taken art/drama/music?	Never or not true	Sometimes or often true	Total	Total
Never	85.8	14.2	100.0	693,600
Less than once a week	87.2	12.8*	100.0	174,800
One or more times a week	87.0	13.0	100.0	495,100
Total	86.4	13.6	100.0	1,363,500

How often taken art/drama/music? by Is child bullied on way to or at school (3 category)?

Is child bullied on the way to, from or at school (3 category)?					
How often taken art/drama/music?	No	Rarely	Some, most or all the time	Total	Total
Never	81.5	6.2*	12.3*	100.0	567,100
Less than once a week	79.3	---	14.6*	100.0	154,700
One or more times a week	83.8	5.6*	10.7	100.0	413,500
Total	82.0	6.0	12.0	100.0	1,135,300

How often taken art/drama/music? by Would you say child-s health is:

Would you say child-s health is:				
How often taken art/drama/music?	Excellent health	Less than excellent health	Total	Total
Never	60.9	39.1	100.0	703,200
Less than once a week	62.9	37.1	100.0	181,700
One or more times a week	61.9	38.1	100.0	502,700
Total	61.5	38.5	100.0	1,387,600

How often taken art/drama/music? by How often has child been in good health over the past few months?

How often has child been in good health over the past few months?				
How often taken art/drama/music?	About half the time		Total	Total
	Almost all the time/often	- Sometimes/almost never		
Never	90.1	9.9	100.0	703,200
Less than once a week	92.7	7.3*	100.0	181,700
One or more times a week	89.2	10.8	100.0	502,700
Total	90.1	9.9	100.0	1,387,600

Table 10 (cont.)

How often taken art/drama/music? by Have you ever tried cigarette smoking?

How often taken art/drama/music?	Have you ever tried cigarette smoking?		Total	Total
	Yes	No		
Never	23.3	76.7	100.0	696,800
Less than once a week	29.7	70.3	100.0	179,800
One or more times a week	16.9	83.1	100.0	499,900
Total	21.8	78.2	100.0	1,376,400

How often taken art/drama/music? by Does child drink alcohol?

How often taken art/drama/music?	Does child drink alcohol?		Total	Total
	Not a drinker	Drinker or was one		
Never	89.2	10.8	100.0	684,900
Less than once a week	88.0	12.0*	100.0	177,100
One or more times a week	89.4	10.6	100.0	482,100
Total	89.1	10.9	100.0	1,344,100

--- sample size too small to provide reliable estimate

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's National Longitudinal Survey of Children and Youth, 1996

Table 11

How often taken part in Guides/Scouts? by How many hours a day do you watch TV?

How many hours a day do you watch TV?				
How often taken part in Guides/Scouts?	0 - 2 hrs a day	3 or more hrs a day	Total	Total
Never	41.7	58.3	100.0	374,900
Less than once a week	52.6	47.4	100.0	96,800
One or more times a week	55.9	44.1	100.0	202,500
Total	47.5	52.5	100.0	674,200

How often taken part in Guides/Scouts? by Days/week watch tv outside of school?

Days/week watch tv outside of school?						
How often taken part in Guides/Scouts?	Two days or less	3 or 4 days	5 or 6 days	7 days	Total	Total
Never	12.6	15.8	16.8	54.7	100.0	445,500
Less than once a week	---	18.9*	24.0*	45.8	100.0	90,500
One or more times a week	19.8*	16.7*	20.0*	43.5	100.0	154,000
Total	14.0	16.4	18.5	51.1	100.0	690,100

How often taken part in Guides/Scouts? by Hours/day spend on computer?

Hours/day spend on computer?					
How often taken part in Guides/Scouts?	No time on computer	Less than 1 hour a day	1 or more hrs a day	Total	Total
Never	38.5	45.2	16.3	100.0	306,900
Less than once a week	30.4*	47.6*	---	100.0	47,000
One or more times a week	31.5*	52.8	15.7*	100.0	96,100
Total	36.1	47.1	16.8	100.0	450,100

How often taken part in Guides/Scouts? by I have a lot of friends.

I have a lot of friends.				
How often taken part in Guides/Scouts?	False/ mostly false - Sometimes false/ sometimes true	True/mostly true	Total	Total
Never	9.2	90.8	100.0	824,100
Less than once a week	11.1*	88.9	100.0	189,600
One or more times a week	12.5	87.5	100.0	358,700
Total	10.3	89.7	100.0	1,372,400

How often taken part in Guides/Scouts? by Number of close friends

Number of close friends				
How often taken part in Guides/Scouts?	None to Two	Three or more	Total	Total
Never	14.7	85.3	100.0	352,400
Less than once a week	18.3*	81.7	100.0	89,500
One or more times a week	11.0*	89.0	100.0	172,100
Total	14.2	85.8	100.0	613,900

Table 11 (cont.)

How often taken part in Guides/Scouts? by Days per week doing things with friends

Days per week doing things with friends					
How often taken part in Guides/Scouts?	Less than once a week/never	1 to 3 days/week	4 to 7 days/week	Total	Total
Never	12.5	43.8	43.7	100.0	820,100
Less than once a week	14.4*	41.7	43.9	100.0	187,800
One or more times a week	14.8	43.8	41.4	100.0	354,300
Total	13.4	43.5	43.1	100.0	1,362,200

How often taken part in Guides/Scouts? by I get along with kids easily.

I get along with kids easily.				
How often taken part in Guides/Scouts?	False/mostly false	True/mostly true	Total	Total
Never	16.5	83.5	100.0	819,400
Less than once a week	21.1	78.9	100.0	189,800
One or more times a week	16.9	83.1	100.0	357,700
Total	17.2	82.8	100.0	1,366,800

How often taken part in Guides/Scouts? by Other kids want me to be their friend.

Other kids want me to be their friend.					
How often taken part in Guides/Scouts?	False/mostly false	Sometimes false/sometimes true	True/mostly true	Total	Total
Never	7.9	24.5	67.6	100.0	813,400
Less than once a week	5.8*	32.1	62.1	100.0	189,500
One or more times a week	8.4*	25.8	65.7	100.0	354,000
Total	7.7	25.9	66.4	100.0	1,357,000

How often taken part in Guides/Scouts? by Most other kids like me.

Most other kids like me.					
How often taken part in Guides/Scouts?	False/mostly false	Sometimes false/sometimes true	True/mostly true	Total	Total
Never	4.7	17.1	78.3	100.0	820,900
Less than once a week	6.9*	18.6	74.5	100.0	189,300
One or more times a week	5.6*	18.1	76.3	100.0	357,700
Total	5.2	17.5	77.2	100.0	1,367,900

How often taken part in Guides/Scouts? by How well got along with young people?

How well got along with young people?					
How often taken part in Guides/Scouts?	Very or quite well	Pretty well	Not too well/not well at all	Total	Total
Never	81.5	15.3	3.1*	100.0	798,500
Less than once a week	81.2	16.6*	---	100.0	181,100
One or more times a week	79.6	18.1	2.3*	100.0	340,200
Total	81.0	16.2	2.8	100.0	1,319,800

Table 11 (cont.)

How often taken part in Guides/Scouts? by How well got along with mother?

How well got along with mother?					
How often taken part in Guides/Scouts?	Very or quite well	Pretty well	Not too well/not well at all	Total	Total
Never	81.8	14.5	3.7*	100.0	821,300
Less than once a week	77.7	20.5	---	100.0	189,600
One or more times a week	80.0	16.6	3.4*	100.0	356,500
Total	80.8	15.8	3.4	100.0	1,367,300

How often taken part in Guides/Scouts? by How well got along with father?

How well got along with father?					
How often taken part in Guides/Scouts?	Very or quite well	Pretty well	Not too well/not well at all	Total	Total
Never	81.6	14.4	4.0*	100.0	776,900
Less than once a week	83.0	14.3*	---	100.0	183,500
One or more times a week	83.9	13.4	2.6*	100.0	342,300
Total	82.4	14.1	3.5	100.0	1,302,700

How often taken part in Guides/Scouts? by How well got along with siblings?

How well got along with siblings?					
How often taken part in Guides/Scouts?	Very or quite well	Pretty well	Not too well/not well at all	Total	Total
Never	54.9	33.0	12.1	100.0	760,700
Less than once a week	54.0	33.1	12.9*	100.0	182,000
One or more times a week	46.7	42.3	11.1	100.0	329,500
Total	52.7	35.4	11.9	100.0	1,272,300

How often taken part in Guides/Scouts? by How well are you doing in school?

How well are you doing in school?					
How often taken part in Guides/Scouts?	Very Well/Well	Average	Poorly/very poorly	Total	Total
Never	72.2	24.7	3.1*	100.0	823,900
Less than once a week	68.7	27.2	---	100.0	189,900
One or more times a week	77.0	20.1	2.9*	100.0	352,400
Total	73.0	23.9	3.2	100.0	1,366,200

How often taken part in Guides/Scouts? by How far do you hope to go in school?

How far do you hope to go in school?					
How often taken part in Guides/Scouts?	Complete Middle school/ Junior High	I will complete High School	I will complete college/ university	Total	Total
Never	9.8*	21.9	68.3	100.0	368,200
Less than once a week	---	29.3*	54.9	100.0	70,100
One or more times a week	6.7*	18.3*	75.0	100.0	122,000
Total	9.9	22.0	68.1	100.0	560,300

Table 11 (cont.)

How often taken part in Guides/Scouts? by Happy with life now

Happy with life now				
How often taken part in Guides/Scouts?	Strongly disagree/disagree	Strongly agree/agree	Total	Total
Never	6.6*	93.4	100.0	444,900
Less than once a week	---	96.1	100.0	90,200
One or more times a week	7.0*	93.0	100.0	153,300
Total	6.3	93.7	100.0	688,400

How often taken part in Guides/Scouts? by I am cruel, bully or am mean to others.

I am cruel, bully or am mean to others.				
How often taken part in Guides/Scouts?	Never or not true	Sometimes or often true	Total	Total
Never	85.5	14.5	100.0	820,100
Less than once a week	82.3	17.7	100.0	186,000
One or more times a week	90.6	9.4*	100.0	356,000
Total	86.4	13.6	100.0	1,362,200

How often taken part in Guides/Scouts? by Is child bullied on way to or at school (3 category)?

Is child bullied on the way to, from or at school (3 category)?					
How often taken part in Guides/Scouts?	No	Rarely	Some, most or all the time	Total	Total
Never	83.6	5.6	10.8	100.0	693,400
Less than once a week	78.7	6.8*	14.5*	100.0	152,800
One or more times a week	80.5	6.1*	13.4	100.0	285,100
Total	82.2	5.9	11.9	100.0	1,131,300

How often taken part in Guides/Scouts? by Would you say child-s health is:

Would you say child-s health is:				
How often taken part in Guides/Scouts?	Excellent health	Less than excellent health	Total	Total
Never	62.4	37.6	100.0	833,600
Less than once a week	55.8	44.2	100.0	191,800
One or more times a week	62.4	37.6	100.0	361,600
Total	61.5	38.5	100.0	1,386,900

How often taken part in Guides/Scouts? by How often has child been in good health over the past few months?

How often has child been in good health over the past few months?				
How often taken part in Guides/Scouts?	Almost all the time/often	About half the time Sometimes/almost never	Total	Total
Never	90.0	10.0	100.0	833,600
Less than once a week	89.8	10.2*	100.0	191,800
One or more times a week	90.5	9.5*	100.0	361,600
Total	90.1	9.9	100.0	1,386,900

Table 11 (cont.)

How often taken part in Guides/Scouts? by Have you ever tried cigarette smoking?

Have you ever tried cigarette smoking?				
How often taken part in Guides/Scouts?	Yes	No	Total	Total
Never	25.1	74.9	100.0	826,400
Less than once a week	22.9	77.1	100.0	190,500
One or more times a week	14.1	85.9	100.0	359,400
Total	21.9	78.1	100.0	1,376,300

How often taken part in Guides/Scouts? by Does child drink alcohol?

Does child drink alcohol?				
How often taken part in Guides/Scouts?	Not a drinker	Drinker or was one	Total	Total
Never	88.2	11.8	100.0	809,200
Less than once a week	86.9	13.1*	100.0	185,000
One or more times a week	92.5	7.5*	100.0	348,600
Total	89.2	10.8	100.0	1,342,800

--- sample size too small to provide reliable estimate

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's National Longitudinal Survey of Children and Youth, 1996

Table 12

Did child attend overnight camp? by How many hours a day do you watch TV?

How many hours a day do you watch TV?				
Did child attend overnight camp?	0 - 2 hrs a day	3 or more hrs a day	Total	Total
Yes	49.9	50.1	100.0	190,500
No	46.5	53.5	100.0	498,200
Total	47.4	52.6	100.0	688,700

Did child attend overnight camp? by Days/week watch tv outside of school?

Days/week watch tv outside of school?						
Did child attend overnight camp?	Two days or less	3 or 4 days	5 or 6 days	7 days	Total	Total
Yes	20.5	17.6	20.6	41.2	100.0	204,300
No	11.6	16.3	17.7	54.5	100.0	497,600
Total	14.2	16.7	18.5	50.6	100.0	701,900

Did child attend overnight camp? by Hours/day spend on computer?

Hours/day spend on computer?						
Did child attend overnight camp?	No time on computer	Less than 1 hour a day	1 or 2 hours a day	3 or more hrs a day	Total	Total
Yes	40.9	43.9	12.1*	---	100.0	129,200
No	34.0	48.8	12.9	4.3*	100.0	331,700
Total	35.9	47.4	12.7	4.0*	100.0	460,900

Did child attend overnight camp? by I have a lot of friends.

I have a lot of friends.					
Did child attend overnight camp?	False/mostly false	Sometimes false/ sometimes true	True/mostly true	Total	Total
Yes	---	7.3*	89.3	100.0	408,500
No	2.4*	8.1	89.4	100.0	1,031,200
Total	2.7	7.9	89.4	100.0	1,439,600

Did child attend overnight camp? by I get along with kids easily.

I get along with kids easily.					
Did child attend overnight camp?	False/mostly false	Sometimes false/ sometimes true	True/mostly true	Total	Total
Yes	---	15.1	82.5	100.0	408,500
No	2.2*	15.5	82.3	100.0	1,023,300
Total	2.2	15.4	82.4	100.0	1,431,900

Did child attend overnight camp? by Other kids want me to be their friend.

Other kids want me to be their friend.					
Did child attend overnight camp?	False/mostly false	Sometimes false/ sometimes true	True/mostly true	Total	Total
Yes	9.5	24.8	65.7	100.0	402,600
No	7.3	26.3	66.4	100.0	1,021,200
Total	7.9	25.9	66.2	100.0	1,423,700

Table 12 (cont.)

Did child attend overnight camp? by Most other kids like me.

Most other kids like me.					
Did child attend overnight camp?	False/mostly false	Sometimes false/ sometimes true	True/mostly true	Total	Total
Yes	6.7*	18.4	75.0	100.0	404,900
No	5.0	17.2	77.8	100.0	1,029,800
Total	5.5	17.5	77.0	100.0	1,434,700

Did child attend overnight camp? by Days per week doing things with friends

Days per week doing things with friends					
Did child attend overnight camp?	Less than once a week/never	1 to 3 days/week	4 to 7 days/week	Total	Total
Yes	16.5	43.3	40.2	100.0	406,600
No	12.4	43.4	44.2	100.0	1,023,500
Total	13.6	43.4	43.1	100.0	1,430,100

Did child attend overnight camp? by Number of close friends

Number of close friends				
Did child attend overnight camp?	None to Two	Three or more	Total	Total
Yes	14.2*	85.8	100.0	178,400
No	14.3	85.7	100.0	466,300
Total	14.3	85.7	100.0	644,700

Did child attend overnight camp? by How well got along with young people?

How well got along with young people?					
Did child attend overnight camp?	Very or quite well	Pretty well	Not too well /not well at all	Total	Total
Yes	78.7	18.7	2.6*	100.0	396,000
No	81.2	15.7	3.1*	100.0	988,200
Total	80.5	16.5	3.0	100.0	1,384,200

Did child attend overnight camp? by How well got along with mother?

How well got along with mother?					
Did child attend overnight camp?	Very or quite well	Pretty well	Not too well /not well at all	Total	Total
Yes	79.4	18.6	---	100.0	406,100
No	81.3	14.8	3.9	100.0	1,026,500
Total	80.8	15.9	3.4	100.0	1,432,500

Did child attend overnight camp? by How well got along with father?

How well got along with father?					
Did child attend overnight camp?	Very or quite well	Pretty well	Not too well /not well at all	Total	Total
Yes	79.6	17.3	3.1*	100.0	385,000
No	83.4	12.7	3.8	100.0	981,200
Total	82.3	14.0	3.6	100.0	1,366,100

Table 12 (cont.)

Did child attend overnight camp? by How well got along with siblings?

How well got along with siblings?					
Did child attend overnight camp?	Very or quite well	Pretty well	Not too well /not well at all	Total	Total
Yes	47.8	39.8	12.4	100.0	375,000
No	54.5	33.5	12.0	100.0	959,600
Total	52.6	35.2	12.1	100.0	1,334,700

Did child attend overnight camp? by How well are you doing in school?

How well are you doing in school?					
Did child attend overnight camp?	Very or quite well	Pretty well	Not too well /not well at all	Total	Total
Yes	76.0	20.3	3.7*	100.0	408,800
No	71.6	25.2	3.2*	100.0	1,023,500
Total	72.8	23.8	3.3	100.0	1,432,300

Did child attend overnight camp? by How far do you hope to go in school?

How far do you hope to go in school?					
Did child attend overnight camp?	Complete Middle school/ Junior High	I will complete High School	I will complete college/ university	Total	Total
Yes	6.6*	16.5*	76.9	100.0	176,200
No	12.4	23.8	63.9	100.0	408,200
Total	10.6	21.6	67.8	100.0	584,400

How often played sports with a coach? by Happy with life now?

Happy with life now				
Did child attend overnight camp?	Strongly disagree/disagree	Strongly agree/agree	Total	Total
Yes	6.0*	94.0	100.0	208,300
No	6.7*	93.3	100.0	509,300
Total	6.5	93.5	100.0	717,500

Did child attend overnight camp? by I am cruel, bully or am mean to others.

I am cruel, bully or am mean to others.				
Did child attend overnight camp?	Never or not true	Sometimes or often true	Total	Total
Yes	90.3	9.7	100.0	406,100
No	84.6	15.4	100.0	1,007,500
Total	86.2	13.8	100.0	1,413,600

Did child attend overnight camp? by Is child bullied on way to or at school (3 category)?

Is child bullied on the way to, from or at school (3 category)?					
Did child attend overnight camp?	No	Rarely	Some, most or all the time	Total	Total
Yes	78.2	6.6*	15.2	100.0	337,600
No	83.1	5.7	11.1	100.0	846,400
Total	81.7	6.0	12.3	100.0	1,184,000

Table 12 (cont.)

Did child attend overnight camp? by Would you say child-s health is:

Would you say child-s health is:				
Did child attend overnight camp?	Excellent health	Less than excellent health	Total	Total
Yes	63.1	36.9	100.0	453,600
No	59.6	40.4	100.0	1,128,600
Total	60.6	39.4	100.0	1,582,200

Did child attend overnight camp? by How often has child been in good health over the past few months?

How often has child been in good health over the past few months?				
Did child attend overnight camp?	Almost all the time/often	About half the time - Sometimes/almost never	Total	Total
Yes	89.1	10.9	100.0	453,600
No	90.0	10.0	100.0	1,128,600
Total	89.7	10.3	100.0	1,582,200

Did child attend overnight camp? by Have you ever tried cigarette smoking?

Have you ever tried cigarette smoking?				
Did child attend overnight camp?	Yes	No	Total	Total
Yes	18.6	81.4	100.0	404,300
No	23.2	76.8	100.0	1,010,400
Total	21.9	78.1	100.0	1,414,700

Did child attend overnight camp? by Does child drink alcohol?

Does child drink alcohol?				
Did child attend overnight camp?	Not a drinker	Drinker or was one	Total	Total
Yes	90.8	9.2*	100.0	395,900
No	88.3	11.7	100.0	986,700
Total	89.0	11.0	100.0	1,382,600

--- sample size too small to provide reliable estimate

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's National Longitudinal Survey of Children and Youth, 1996

Table 13

Did child attend day camp last summer? by How many hours a day do you watch TV?

How many hours a day do you watch TV?				
Did child attend day camp last summer?	0 - 2 hrs a day	3 or more hrs a day	Total	Total
Yes	51.2	48.8	100.0	241,600
No	45.3	54.7	100.0	446,600
Total	47.4	52.6	100.0	688,300

Did child attend day camp last summer? by Days/week watch tv outside of school?

Days/week watch tv outside of school?						
Did child attend day camp last summer?	Two days or less	3 or 4 days	5 or 6 days	7 days	Total	Total
Yes	21.8	13.0*	21.8	43.4	100.0	187,800
No	11.4	18.0	17.4	53.3	100.0	514,100
Total	14.2	16.7	18.5	50.6	100.0	701,900

Did child attend day camp last summer? by Hours/day spend on computer?

Hours/day spend on computer?						
Did child attend day camp last summer?	No time on computer	Less than 1 hour a day	1 or 2 hours a day	3 or more hrs a day	Total	Total
Yes	33.6	49.7	14.8*	---	100.0	113,000
No	36.7	46.7	12.0	4.6*	100.0	347,900
Total	35.9	47.4	12.7	4.0*	100.0	460,900

Did child attend day camp last summer? by I have a lot of friends.

I have a lot of friends.					
Did child attend day camp last summer?	False/mostly false	Sometimes false/sometimes true	True/mostly true	Total	Total
Yes	---	7.2*	90.0	100.0	447,100
No	2.6*	8.2	89.1	100.0	992,100
Total	2.7	7.9	89.4	100.0	1,439,200

Did child attend day camp last summer? by I get along with kids easily.

I get along with kids easily.					
Did child attend day camp last summer?	False/mostly false	Sometimes false/sometimes true	True/mostly true	Total	Total
Yes	---	14.4	83.0	100.0	446,600
No	2.0*	15.8	82.1	100.0	984,800
Total	2.2*	15.4	82.4	100.0	1,431,500

Did child attend day camp last summer? by Other kids want me to be their friend.

Other kids want me to be their friend.					
Did child attend day camp last summer?	False/mostly false	Sometimes false/sometimes true	True/mostly true	Total	Total
Yes	7.2*	23.2	69.6	100.0	441,200
No	8.3	27.1	64.7	100.0	982,100
Total	7.9	25.9	66.2	100.0	1,423,400

Table 13 (cont.)

Did child attend day camp last summer? by Most other kids like me.

Most other kids like me.					
Did child attend day camp last summer?	False/mostly false	Sometimes false/sometimes true	True/mostly true	Total	Total
Yes	4.9*	15.0	80.1	100.0	444,400
No	5.7	18.7	75.6	100.0	989,800
Total	5.5	17.5	77.0	100.0	1,434,300

Did child attend day camp last summer? by Days per week doing things with friends

Days per week doing things with friends					
Did child attend day camp last summer?	Less than once a week/never	1 to 3 days/week	4 to 7 days/week	Total	Total
Yes	13.2	45.1	41.7	100.0	444,600
No	13.8	42.6	43.6	100.0	985,100
Total	13.6	43.4	43.0	100.0	1,429,700

Did child attend day camp last summer? by Number of close friends

Number of close friends				
Did child attend day camp last summer?	None to Two	Three or more	Total	Total
Yes	14.1*	85.9	100.0	226,000
No	14.4	85.6	100.0	418,400
Total	14.3	85.7	100.0	644,400

Did child attend day camp last summer? by How well got along with young people?

How well got along with young people?					
Did child attend day camp last summer?	Very or quite well	Pretty well	Not too well /not well at all	Total	Total
Yes	79.9	17.9	2.2*	100.0	421,500
No	80.8	15.9	3.3*	100.0	962,400
Total	80.5	16.5	3.0	100.0	1,383,800

Did child attend day camp last summer? by How well got along with mother?

How well got along with mother?					
Did child attend day camp last summer?	Very or quite well	Pretty well	Not too well /not well at all	Total	Total
Yes	82.5	15.3	---	100.0	441,600
No	80.0	16.1	3.9	100.0	990,600
Total	80.8	15.9	3.4	100.0	1,432,100

Did child attend day camp last summer? by How well got along with father?

How well got along with father?					
Did child attend day camp last summer?	Very or quite well	Pretty well	Not too well /not well at all	Total	Total
Yes	83.4	13.3	3.4*	100.0	424,500
No	81.9	14.4	3.7	100.0	941,200
Total	82.3	14.0	3.6	100.0	1,365,700

Table 13 (cont.)

Did child attend day camp last summer? by How well got along with siblings?

How well got along with siblings?					
Did child attend day camp last summer?	Very or quite well	Pretty well	Not too well /not well at all	Total	Total
Yes	53.0	35.7	11.3	100.0	409,700
No	52.5	35.0	12.5	100.0	924,600
Total	52.6	35.2	12.1	100.0	1,334,300

Did child attend day camp last summer? by How well are you doing in school?

How well are you doing in school?					
Did child attend day camp last summer?	Very or quite well	Pretty well	Not too well /not well at all	Total	Total
Yes	76.1	21.1	---	100.0	446,200
No	71.3	25.1	3.6*	100.0	985,700
Total	72.8	23.8	3.3	100.0	1,431,900

Did child attend day camp last summer? by How far do you hope to go in school?

How far do you hope to go in school?					
Did child attend day camp last summer?	Complete Middle school/ Junior High	I will complete High School	I will complete college/ university	Total	Total
Yes	7.3*	15.5*	77.2	100.0	162,300
No	11.9	23.9	64.2	100.0	422,100
Total	10.6	21.6	67.8	100.0	584,400

How often played sports with a coach? by Happy with life now?

Happy with life now				
Did child attend day camp last summer?	Strongly disagree/disagree	Strongly agree/agree	Total	Total
Yes	5.0*	95.0	100.0	189,200
No	7.1*	92.9	100.0	528,300
Total	6.5	93.5	100.0	717,500

Did child attend day camp last summer? by I am cruel, bully or am mean to others.

I am cruel, bully or am mean to others.				
Did child attend day camp last summer?	Never or not true	Sometimes or often true	Total	Total
Yes	88.6	11.4	100.0	442,800
No	85.2	14.8	100.0	970,500
Total	86.2	13.8	100.0	1,413,200

Did child attend day camp last summer? by Is child bullied on way to or at school (3 category)?

Is child bullied on the way to, from or at school (3 category)?					
Did child attend day camp last summer?	No	Rarely	Some, most or all the time	Total	Total
Yes	82.0	5.4*	12.6	100.0	370,000
No	81.6	6.3	12.2	100.0	813,600
Total	81.7	6.0	12.3	100.0	1,183,600

Table 13 (cont.)

Did child attend day camp last summer? by Would you say child-s health is:

Would you say child-s health is:				
Did child attend day camp last summer?	Excellent health	Less than excellent health	Total	Total
Yes	66.6	33.4	100.0	489,800
No	57.9	42.1	100.0	1,091,900
Total	60.6	39.4	100.0	1,581,800

Did child attend day camp last summer? by How often has child been in good health over the past few months?

How often has child been in good health over the past few months?				
Did child attend day camp last summer?	Almost all the time/often	About half the time	Total	Total
		Sometimes/almost never		
Yes	88.8	11.2	100.0	489,800
No	90.1	9.9	100.0	1,091,900
Total	89.7	10.3	100.0	1,581,800

Did child attend day camp last summer? by Have you ever tried cigarette smoking?

Have you ever tried cigarette smoking?				
Did child attend day camp last summer?	Yes	No	Total	Total
Yes	16.4	83.6	100.0	440,200
No	24.4	75.6	100.0	974,100
Total	21.9	78.1	100.0	1,414,300

Did child attend day camp last summer? by Does child drink alcohol?

Does child drink alcohol?				
Did child attend day camp last summer?	Not a drinker	Drinker or was one	Total	Total
Yes	90.2	9.8	100.0	430,000
No	88.4	11.6	100.0	952,200
Total	89.0	11.0	100.0	1,382,200

--- sample size too small to provide reliable estimate

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's National Longitudinal Survey of Children and Youth, 1996

Table 14

How often played sports with a coach? by Helped without pay doing school activities?

How often played sports with a coach?	Helped without pay doing school activities?			Total
	Yes	No	Total	
Once a week or more	37.2	62.8	100.0	440,200
Less than once a week or never	30.2	69.8	100.0	244,100
Total	34.7	65.3	100.0	684,300

How often played sports with a coach? by Helped without pay by fund raising?

How often played sports with a coach?	Helped without pay by fund raising?			Total
	Yes	No	Total	
Once a week or more	49.3	50.7	100.0	440,200
Less than once a week or never	39.1	60.9	100.0	244,100
Total	45.6	54.4	100.0	684,300

How often played sports with a coach? by Helped without pay by helping in community?

How often played sports with a coach?	Helped without pay by helping in community?			Total
	Yes	No	Total	
Once a week or more	10.8	89.2	100.0	440,200
Less than once a week or never	4.1*	95.9	100.0	244,100
Total	8.4	91.6	100.0	684,300

How often taken dance/gymnastics? by Helped without pay doing school activities?

How often taken dance/gymnastics?	Helped without pay doing school activities?			Total
	Yes	No	Total	
Once a week or more	42.0	58.0	100.0	159,900
Less than once a week or never	32.1	67.9	100.0	522,700
Total	34.4	65.6	100.0	682,700

How often taken dance/gymnastics? by Helped without pay by fund raising?

How often taken dance/gymnastics?	Helped without pay by fund raising?			Total
	Yes	No	Total	
Once a week or more	49.2	50.8	100.0	159,900
Less than once a week or never	44.6	55.4	100.0	522,700
Total	45.7	54.3	100.0	682,700

How often taken dance/gymnastics? by Helped without pay by helping in community?

How often taken dance/gymnastics?	Helped without pay by helping in community?			Total
	Yes	No	Total	
Once a week or more	10.4*	89.6	100.0	159,900
Less than once a week or never	8.0	92.0	100.0	522,700
Total	8.6	91.4	100.0	682,700

How often taken art/drama/music? by Helped without pay doing school activities?

How often taken art/drama/music?	Helped without pay doing school activities?			Total
	Yes	No	Total	
Once a week or more	41.9	58.1	100.0	206,900
Less than once a week or never	31.8	68.2	100.0	474,400
Total	34.9	65.1	100.0	681,400

Table 14 (cont.)

How often taken art/drama/music? by Helped without pay by fund raising?

How often taken art/drama/music?	Helped without pay by fund raising?			
	Yes	No	Total	Total
Once a week or more	53.9	46.1	100.0	206,900
Less than once a week or never	41.8	58.2	100.0	474,400
Total	45.5	54.5	100.0	681,400

How often taken art/drama/music? by Helped without pay by helping in community?

How often taken art/drama/music?	Helped without pay by helping in community?			
	Yes	No	Total	Total
Once a week or more	10.0*	90.0	100.0	206,900
Less than once a week or never	8.1	91.9	100.0	474,400
Total	8.7	91.3	100.0	681,400

How often taken part in Guides/Scouts? by Helped without pay doing school activities?

How often taken part in Guides/Scouts?	Helped without pay doing school activities?			
	Yes	No	Total	Total
Once a week or more	37.5	62.5	100.0	152,800
Less than once a week or never	33.5	66.5	100.0	529,900
Total	34.4	65.6	100.0	682,700

How often taken part in Guides/Scouts? by Helped without pay by fund raising?

How often taken part in Guides/Scouts?	Helped without pay by fund raising?			
	Yes	No	Total	Total
Once a week or more	49.5	50.5	100.0	152,800
Less than once a week or never	44.3	55.7	100.0	529,900
Total	45.4	54.6	100.0	682,700

How often taken part in Guides/Scouts? by Helped without pay by helping in community?

How often taken part in Guides/Scouts?	Helped without pay by helping in community?			
	Yes	No	Total	Total
Once a week or more	14.1*	85.9	100.0	152,800
Less than once a week or never	6.9*	93.1	100.0	529,900
Total	8.5	91.5	100.0	682,700

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's National Longitudinal Survey of Children and Youth, 1996

Table 15

Participated in organized team sport? by Did you do some kind of volunteer work?

Did you do some kind of volunteer work?				
Participated in organized team sport?	Yes	No	Total	Total
Yes	59.9	40.1	100.0	5,873,400
No	33.1	66.9	100.0	2,606,300
Total	51.7	48.3	100.0	8,479,700

Participated in organized team sport? by Were you active in student government?

Were you active in student government?				
Participated in organized team sport?	Yes	No	Total	Total
Yes	22.6	77.4	100.0	5,883,800
No	9.7	90.3	100.0	2,607,200
Total	18.6	81.4	100.0	8,491,100

Did you belong to a youth group? by Did you do some kind of volunteer work?

Did you do some kind of volunteer work?				
Did you belong to a youth group?	Yes	No	Total	Total
Yes	70.2	29.8	100.0	4,214,100
No	33.3	66.7	100.0	4,266,500
Total	51.7	48.3	100.0	8,480,600

Did you belong to a youth group? by Were you active in student government?

Were you active in student government?				
Did you belong to a youth group?	Yes	No	Total	Total
Yes	25.6	74.4	100.0	4,224,900
No	11.7	88.3	100.0	4,267,100
Total	18.6	81.4	100.0	8,492,000

Source: Prepared by the CCSD using Statistics Canada's
National Survey of Giving and Volunteering and Participating (NSGVP), 1997

Table 16

Participated in organized team sport? by Did you do any canvassing, campaigning, or fundraising as an unpaid volunteer (past 12 months)?

Did you do any canvassing, campaigning, or fundraising as an unpaid volunteer (past 12 months)?				
Participated in organized team sport?	Yes	No	Total	Total
Yes	15.3	84.7	100.0	5,885,000
No	7.9	92.1	100.0	2,605,500
Total	13.0	87.0	100.0	8,490,500

Participated in organized team sport? by Were you an unpaid member of a board or committee (past 12 months)?

Were you an unpaid member of a board or committee (past 12 months)?				
Participated in organized team sport?	Yes	No	Total	Total
Yes	11.3	88.7	100.0	5,885,000
No	6.0	94.0	100.0	2,606,400
Total	9.7	90.3	100.0	8,491,400

Participated in organized team sport? by Did you teach or coach for an organization as an unpaid volunteer (past 12 months)?

Did you teach or coach for an organization as an unpaid volunteer (past 12 months)?				
Participated in organized team sport?	Yes	No	Total	Total
Yes	11.1	88.9	100.0	5,885,000
No	4.2*	95.8	100.0	2,606,400
Total	9.0	91.0	100.0	8,491,400

Participated in organized team sport? by Are you a member or participant in a service club/fraternal association?

Are you a member or participant in a service club/fraternal association?				
Participated in organized team sport?	Yes	No	Total	Total
Yes	4.2	95.8	100.0	5,885,400
No	1.9*	98.1	100.0	2,607,200
Total	3.5	96.5	100.0	8,492,700

Table 16 (cont.)

Participated in organized team sport? by Are you a member of a political organization?

Participated in organized team sport?	Are you a member of a political organization?			
	Yes	No	Total	Total
Yes	2.3	97.7	100.0	5,885,200
No	---	99.1	100.0	2,607,200
Total	1.9	98.1	100.0	8,492,500

Participated in organized team sport? by Are you a member or participant in a neighb.\civic\comm. assoc.\school group?

Participated in organized team sport?	Are you a member or participant in a neighb.\civic\comm. assoc.\school group?			
	Yes	No	Total	Total
Yes	8.3	91.7	100.0	5,885,400
No	5.3	94.7	100.0	2,607,200
Total	7.4	92.6	100.0	8,492,700

Participated in organized team sport? by Did you vote in last federal election?

Participated in organized team sport?	Did you vote in last federal election?			
	Yes	No	Total	Total
Yes	64.2	35.8	100.0	5,005,900
No	56.5	43.5	100.0	2,176,500
Total	61.9	38.1	100.0	7,182,400

--- sample size too small to provide reliable estimate

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's

National Survey of Giving and Volunteering and Participating (NSGVP), 1997

Table 17

Did you belong to a youth group? by Did you do any canvassing, campaigning, or fundraising as an unpaid volunteer (past 12 months)?

Did you do any canvassing, campaigning, or fundraising as an unpaid volunteer (past 12 months)?				
Did you belong to a youth group?	Yes	No	Total	Total
Yes	17.6	82.4	100.0	4,223,500
No	8.6	91.4	100.0	4,268,000
Total	13.0	87.0	100.0	8,491,500

Did you belong to a youth group? by Were you an unpaid member of a board or committee (past 12 months)?

Were you an unpaid member of a board or committee (past 12 months)?				
Did you belong to a youth group?	Yes	No	Total	Total
Yes	13.2	86.8	100.0	4,224,300
No	6.2	93.8	100.0	4,268,000
Total	9.7	90.3	100.0	8,492,300

Did you belong to a youth group? by Did you teach or coach for an organization as an unpaid volunteer (past 12 months)?

Did you teach or coach for an organization as an unpaid volunteer (past 12 months)?				
Did you belong to a youth group?	Yes	No	Total	Total
Yes	12.3	87.7	100.0	4,224,300
No	5.7	94.3	100.0	4,268,000
Total	9.0	91.0	100.0	8,492,300

Did you belong to a youth group? by Are you a member or participant in a service club/fraternal association?

Are you a member or participant in a service club/fraternal association?				
Did you belong to a youth group?	Yes	No	Total	Total
Yes	4.5	95.5	100.0	4,225,300
No	2.5*	97.5	100.0	4,268,300
Total	3.5	96.5	100.0	8,493,600

Table 17 (cont.)

Did you belong to a youth group? by Are you a member of a political organization?

Are you a member of a political organization?				
Did you belong to a youth group?	Yes	No	Total	Total
Yes	2.6	97.4	100.0	4,225,100
No	1.1*	98.9	100.0	4,268,300
Total	1.9	98.1	100.0	8,493,400

Did you belong to a youth group? by Are you a member or participant in a neighb.\civic\comm. assoc.\school group?

Are you a member or participant in a neighb.\civic\comm. assoc.\school group?				
Did you belong to a youth group?	Yes	No	Total	Total
Yes	10.3	89.7	100.0	4,225,300
No	4.4	95.6	100.0	4,268,300
Total	7.4	92.6	100.0	8,493,600

Did you belong to a youth group? by Did you vote in last federal election?

Did you vote in last federal election?				
Did you belong to a youth group?	Yes	No	Total	Total
Yes	64.5	35.5	100.0	3,746,600
No	59.0	41.0	100.0	3,436,700
Total	61.9	38.1	100.0	7,183,300

--- sample size too small to provide reliable estimate

* estimates less reliable due to high variation

Source: Prepared by the CCSD using Statistics Canada's

National Survey of Giving and Volunteering and Participating (NSGVP), 1997

Table 18

GSS 12 Time Use

Participation in organized sport

Participation in organized sports by Gender

Sex of respondent			
Participate in Organized Sports?	Male	Female	Total
No	30.1%	56.6%	42.8%
Yes	69.9%	43.4%	57.2%
Total	100.0%	100.0%	100.0%
Total	654,600	605,100	1,259,600

Participation in organized sport by Household Income

Household income				
Participate in Organized Sports?	Less than \$30,000	\$30,000 to \$59,999	\$60,000 and over	Total
No	32.0%*	51.1%*	34.6%*	40.4%
Yes	68.0%*	48.9%*	65.4%*	59.6%
Total	100.0%	100.0%	100.0%	100.0%
Total	127,100	175,200	141,100	443,500

Participation in organized sport by Please rate you your feelings about your self-esteem

Please rate your feelings about your self-esteem					
Participate in Organized Sports?	very satisfied	somewhat satisfied	somewhat to very dissatisfied	Total	Total
No	37.0%	53.2%	9.8%*	100.0%	505,000
Yes	46.5%	47.1%	6.4%*	100.0%	717,200
Total	42.5%	49.6%	7.8%*	100.0%	1,222,200

Participation in organized sport by Presently, would you describe yourself as...

Presently, would you describe yourself as...					
Participate in Organized Sports?	very happy	somewhat happy	somewhat to very unhappy	Total	Total
No	41.2%	57.1%	---	100.0%	518,000
Yes	43.9%	52.9%	---	100.0%	720,100
Total	42.8%	54.6%	---	100.0%	1,238,100

Participation in organized sport by In the past 12 months have you volunteered through a group or organization?

In the past 12 months, have you volunteered through a group or organization?				
Participate in Organized Sports?	Yes	No	Total	Total
No	44.0%	56.0%	100.0%	512,200
Yes	41.9%	58.1%	100.0%	719,700
Total	42.8%	57.2%	100.0%	1,231,900

Table 18 (cont.)

Participation in organized sport by In the past 12 months, did you help as a volunteer to maintain, repair or build facilities for an organization?

In the past 12 months, did you help as a volunteer to maintain, repair or build facilities for an organization?

Participate in Organized Sports?	Yes	No	Total	Total
No	23.6%*	76.4%	100.0%	231,200
Yes	15.4%*	84.6%	100.0%	302,200
Total	18.9%*	81.1%	100.0%	533,400

Participation in organized sports by In the past 12 months did you do any canvassing, campaigning or fundraising as an unpaid volunteer?

In the past 12 months, did you do any canvassing, campaigning or fundraising?

Participate in Organized Sports?	Yes	No	Total	Total
No	51.9%*	48.1%*	100.0%	231,200
Yes	52.7%	47.3%	100.0%	302,200
Total	52.4%	47.6%	100.0%	533,400

Participation in organized sport by In the past 12 months, did you provide care or counselling to individuals or to groups as a volunteer through an organization?

In the past 12 months, did you provide care or counselling to individuals or to groups as a volunteer through an organization?

Participate in Organized Sports?	Yes	No	Total	Total
No	33.6%*	66.4%	100.0%	231,200
Yes	35.1%*	64.9%	100.0%	302,200
Total	34.5%	65.5%	100.0%	533,400

Participation in organized sports by In the past 12 months did you help to organize or supervise activities or provide care or counselling to individuals or event for an organization?

In the past 12 months, did you help to organize or supervise activities or events for an organization?

Participate in Organized Sports?	Yes	No	Total	Total
No	58.6%	41.4%*	100.0%	230,300
Yes	61.5%	38.5%*	100.0%	302,200
Total	60.2%	39.8%	100.0%	532,500

Participation in organized sport by In the past 12 months, did you collect, serve, or deliver food or other goods or drive as a volunteer through an organization?

In the past 12 months, did you collect, serve, or deliver food or other goods or drive as a volunteer through an organization?

Participate in Organized Sports?	Yes	No	Total	Total
No	32.9%*	67.1%	100.0%	231,200
Yes	37.2%*	62.8%	100.0%	302,200
Total	35.3%	64.7%	100.0%	533,400

Table 18 (cont.)

Participation in organized sport by In the past 12 months, did you do volunteer consulting or administrative work or were you an unpaid member of a board or committee for an organization?

In the past 12 months, did you do volunteer consulting or administrative work or were you an unpaid member of a board or committee for an organization?

Participate in Organized Sports?	Yes	No	Total	Total
No	22.2%*	77.8%	100.0%	231,200
Yes	29.0%*	71.0%	100.0%	302,200
Total	26.1%	73.9%	100.0%	533,400

Participation in organized sport by In the past 12 months, did you teach or coach for an organization as an unpaid volunteer?

In the past 12 months, did you teach or coach for an organization as an unpaid volunteer?

Participate in Organized Sports?	Yes	No	Total	Total
No	27.1%*	72.9%	100.0%	231,200
Yes	41.3%*	58.7%	100.0%	302,200
Total	35.1%	64.9%	100.0%	533,400

--- sample size too small to provide reliable estimate

* estimate less reliable due to high variability

Source: Prepared by the Canadian Council on Social Development
using Statistics Canada's General Social Survey 1998, Time Use (microdata)

Table 19

Participation in physical activities in previous 3 months by Household Income 1998

Participation in physical activities in previous 3 months	Household Income - 1998				
	< \$10,000	\$10,000- 19,999	\$20,000- 39,999	\$40,000- 59,999	\$60,000 +
Winter sports ¹	24.8	34.5	35.0	35.3	48.5
Summer sports ²	46.1	64.0	64.9	71.3	75.5

Participation in physical activities in previous 3 months by Household Income 1996

Participation in physical activities in previous 3 months	Household Income - 1996				
	< \$10,000	\$10,000- 19,999	\$20,000- 39,999	\$40,000- 59,999	\$60,000 +
Winter sports ¹	21.6	20.5	28.7	29.1	34.1
Summer sports ²	59.8	59.1	63.2	69.7	74.1

Participation in physical activities in previous 3 months by Age (grouped) 1996 and 1998

Participation in physical activities in previous 3 months	Age grouped - 1996			Age grouped - 1998		
	12-14 yrs	15-19 yrs	20-24 yrs	12-14 yrs	15-19 yrs	20-24 yrs
Winter sports ¹	45.9	26.3	18.6	59.8	38.1	30.4
Summer sports ²	79.6	69.4	53.7	83.5	69.9	61.9

Participation in physical activities in previous 3 months by Gender 1996 and 1998

Participation in physical activities in previous 3 months	Gender - 1996		Gender - 1998	
	Males	Females	Males	Females
Winter sports ¹	34.0	21.1	44.8	33.7
Summer sports ²	70.3	61.1	75.0	63.7

¹ Includes these sports: ice hockey, ice skating, downhill and cross-country skiing.² Includes these sports: swimming, bicycling, baseball or softball, tennis, volleyball and basketball.

Source: Prepared by the CCSD using Statistics Canada's National Population Health Survey, 1996 and 1998 (masterfile)

Table 20**Average and Proportional Change in Expenditures by Level of Income, for Families with Children¹ (1992 to 1998)**

Income Group	Average Yearly Recreation Expenditure		Proportion of Average Household Income Spent on Recreation		Change in Average Yearly Recreation Expenditure between 1992 to 1998
	1992 ²	1998	1992	1998	
Lowest	\$1,574	\$1,895	6.1%	7.5%	20.4%
Middle	\$2,738	\$3,414	5.3%	6.3%	24.7%
Highest	\$5,148	\$5,982	5.5%	5.8%	16.2%

¹ Families with Children refers to families with children under 15 years in 1992 and under 17 years in 1998.

² 1992 data have been converted to 1998 constant dollars.

Source: Prepared by the CCSD using Statistics Canada's Survey of Family Expenditures, 1992 and Survey of Household Spending 1998.