



Annual Report

for

*Nunavummit  
Kiglisiniartiit*

**For the period April 1, 2015 to March 31, 2016**

**Submitted by Department of Executive and Intergovernmental Affairs**

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**2015-2016 Annual Report**

## **Nunavummit Kiglisiniartiit** (Nunavut Bureau of Statistics)

The Department of Executive and Intergovernmental Affairs is pleased to submit the annual report for the Nunavummit Kiglisiniartiit for the year April 01, 2015 to March 31, 2016.

### **Background**

The Nunavummit Kiglisiniartiit located in the community of Pangnirtung consists of a Statistics and Evaluation Unit with 9 positions – a Director, 5 Statistics and 3 Evaluation positions (7 of which are filled). The Nunavut Bureau of Statistics (Bureau or NBS) undertakes and maintains a number of statistical projects and regularly distributes monthly, quarterly and annual publications to its distribution list. It also maintains two websites: [www.stats.gov.nu.ca/en/home.aspx](http://www.stats.gov.nu.ca/en/home.aspx) and [www.gov.nu.ca/information/statistics-home](http://www.gov.nu.ca/information/statistics-home). These provide the global community with a view of Nunavut through statistical data. The statistical information for these activities is generally provided by Statistics Canada, the national statistical agency and some supplementary information is also sourced from administrative records within the Government of Nunavut (GN).

### **Administrative, Planning and Management Activities**

The Nunavut Bureau of Statistics is the Government of Nunavut's central statistical agency. The Bureau collects, records, analyzes and distributes statistical data on Nunavut to Nunavummiut and across Canada. Data is made available to assist government in their decision-making, planning implementation and evaluations, as well as to make information available to the public. The NBS has also been developing the capacity to undertake an advisory and oversight role in externally-led program evaluations and to conduct program evaluations on its own.

### **Statistics Act**

The Nunavut Statistics Act was drafted and presented to the Legislative Assembly where it received Third Reading on December 05, 2006. With the Act in place the Nunavummit Kiglisiniartiit Division became eligible to access many more detailed data sets that are relevant to Nunavut from Statistics Canada.

### **Data and Dissemination of Information**

The Bureau disseminates statistical information to a number of Government Departments, various Territorial and Regional organizations within Nunavut, as well as to media, consultants, researchers and other data users on a regular basis. Much of the statistical data is provided by Statistics Canada. The Nunavummit Kiglisiniartiit also uses administrative data held by GN Departments and other organizations that are of interest to the user community.

### **Nunavummit Kiglisiniartiit Websites**

The Nunavummit Kiglisiniartiit websites are available to Nunavummiut and the general public at: [www.stats.gov.nu.ca/en/home.aspx](http://www.stats.gov.nu.ca/en/home.aspx) and [www.gov.nu.ca/information/statistics-home](http://www.gov.nu.ca/information/statistics-home). The user-friendly websites are populated with many tables, publications and other information that appeals to a wide audience of data users. The websites are a primary reference source for clients of the Bureau and contains current publications such as, regular releases of *StatsUpdate* on social, economic, labour force and employment, income, Census and demographic topics relating to Nunavut. In addition, statistical tables on these subject areas are regularly updated on the websites. Data holdings are being expanded and new content continues to be added, as it becomes available.

### **Publications**

The Bureau produces a publication entitled *StatsUpdate*, a release geared towards informing subscribers about statistical information relevant to Nunavut. This publication provides information and data on a number of current social and economic topics. Monthly releases include the Labour Force Survey, Consumer Price Index, Employment Insurance, Payroll and Employment, along with Building Permits, Retail and Wholesale Trade and other relevant topics. More detailed reports on the Consumer Price Index for Iqaluit along with Retail Trade data for Nunavut are also disseminated and produced on a monthly basis. A Quarterly *StatsUpdate* is published on population estimates for Canada, the provinces and territories.

The Nunavummit Kiglisiniartiit also provides annual information through the *StatsUpdate* on the Nunavut Food Price Survey, Gross Domestic Product, Labour Force Survey, Birth and Death Rates, Crime Rates for Canada and the Territories, Population Estimates, Hours Worked and Labour Productivity, Homicides, and a number of other topics. A more detailed annual report on population estimates is also produced and disseminated. *StatsUpdate* on Census of Canada are released every five years and address the main subject areas – Language, Aboriginal (Inuit) Peoples, Education and Labour and Income, Housing and Family Structure.

### **Data Requests**

The Bureau receives numerous requests for statistical information and advice on statistical matters relating to Nunavut and Nunavummiut. Requests are received from many sources with the most frequent coming from other GN Departments. Numerous requests are also received from Territorial and Regional Organizations, consultants, various universities, policy research centers and other organizations within Nunavut and other jurisdictions. Listed below are some of the ‘special’ and most frequent types of requests the Bureau has responded to during the past fiscal year:

Demographic measures such as population estimates and projections were the most frequently requested data tables. Specific requests were made for Nunavut population estimates by age, sex, community and region. Several requests were also received for customized tabulations on community population projections. Requests were also made for general death and birth rates, suicides and for data on migration.

As in each year, Labour Force Survey information was also one of the most frequently requested type of data from Bureau holdings. Requests included characteristics about labour force size, employed and unemployed persons, employment and unemployment and participation rates, occupation and industry characteristics and labour force parameters by Inuit and Non-Inuit status and age. Data were also sought for monthly and annual labour force trends and information on Employment Insurance (EI) by type of benefit and historical EI data on persons receiving benefits.

Several requests were made for crime and justice statistics, including detailed counts of criminal offences and crime rates, in general and by community. Requests relating to data on spousal abuse and/or domestic violence were also received. Education data were in demand, especially for enrollment, attendance and secondary school graduation. There were other information requests for data on disabilities and social assistance, as well.

Frequent requests were also made for business and economic statistics - Gross Domestic Product (GDP) both real, nominal and GDP by industry, Consumer Price Index, Income and Taxfilers data – taxfilers with employment income, median income by community and persons receiving disability benefits.

Custom tabulations from the 2011 National Household Survey were also in demand as clients searched for community level data that are only available through these sources. Topics of interest included labour and occupation data, community level data on household structure, language, Inuit Peoples, income, employment and education.

## **Research and Analytical Activities**

The Nunavummit Kiglisiniartiit carried out a number of major research and analytical projects in the past fiscal year. These include the Census of Canada, Nunavut Food Price Survey, Community Population Estimates and Projections, Evaluation Projects, Assistance Relating to Article 23 of the Nunavut Land Claims Agreement, Improving Labour Market Indicators, Monthly Labour Force Survey Analysis, Community Socio-Economic Data Project (CSEDP) and Other Ongoing Analytical Projects.

### **Census of Canada**

As with previous censuses, NBS offered ad hoc assistance to Statistics Canada (STC) for the 2016 Census. Generally, STC requested for the Bureau to gather and provide contact information for each of the communities by compiling a list of Mayors, SAOs, Council members, Government Liaison Officers, radio stations among others. Contacts were needed for communications, announcing collection dates, hiring and for local guides/interpreters. NBS also collected community maps and other technical documents and provided assistance to STC if they encountered setbacks or problems during collection,

Although the official census date in Canada is May 2016, Nunavut communities are considered Early Enumeration Areas. As such, census operations were carried out between February 1, and March, 31, 2016. Canvassers went door-to-door to enumerate Nunavummiut and reached around 95% coverage in Nunavut.

NBS assistance will become more frequent in the next fiscal year during the post-censal coverage studies. STC conducts this study after initial collection to locate and record residents who were counted more than once or missed during enumeration. NBS will continue to provide assistance by supplying administrative sources, conducting some field work and checking STC counts against GN sources. These studies and comparisons will allow NBS to ensure that residents who were missed during enumeration are counted so that the Nunavut count and adjustments are accurate.

### **Nunavut Food Price Survey**

For the past four fiscal years, NBS has conducted the Nunavut Food Price Survey. The general purpose of the survey is to collect information that will help measure and monitor cost of living differences across Nunavut communities. Government Liaison Officers (GLOs) from each community with the exception of Iqaluit collected prices from Arctic Co-operatives Ltd. and/or North West Company retail outlets for the past three cycles.

NBS spent the first part of the fiscal year entering, preparing and disseminating data from the 2015 Nunavut Food Price Survey. As dissemination and analysis were completed, *StatsUpdate* publications were released to the distribution list, as well; a series of data tables were posted on the Bureau websites from July to September 2015. In general, releases included price comparisons of various food and non-food items between communities, regions and with the Consumer Price Index (CPI) data for Canada.

The other part of the fiscal year was used for planning, preparing and carrying out 2016 survey operations. Survey material was improved for the 2016 NFPS cycle. Two notable changes were an improved instruction manual and a new “user-friendly” format for the survey booklet. A total of 141 items were surveyed in 2016 (122 food and 19 non-food items). Additional items, such as camping fuel were included, as suggested by community officials.

Survey operations for the 2016 NFPS commenced in Mid-February. NBS mailed the GLOs a survey package containing; a survey instruction manual, survey booklet(s), a letter to store managers and a return express envelope to facilitate collection and return of the survey booklet(s). GLOs in all Nunavut communities visited local retail outlets during the month of March to collect the prices and mailed the completed surveys back to the NBS. All survey booklets in each community were completed by the GLOs and mailed to NBS by the operations deadline of March 25, 2016.

Data entry, processing, and dissemination will continue well into the next fiscal year. Data tables and *StatsUpdate* publications will begin to be released to the subscriber list and posted on the Bureau’s websites starting in late June of the 2016/17 fiscal year. NBS is planning to conduct further cycles of the Nunavut Food Price Survey. Continuation of the survey will allow for the monitoring of retail prices over time for each community and to compare price differences across communities and with other jurisdictions.

## **Community Population Estimates and Projections**

The Bureau produces annual Nunavut community population estimates. The estimation model produces “official” community estimates, as it is based on the components of population change (births, deaths and migration) and utilizes a combination of Statistics Canada data and administrative records from the Government of Nunavut. Development of these methods has given the Bureau the capacity to produce annual community estimates 'in house'. Reliable community estimates are needed for program and planning purposes and for equitable resource allocation.

NBS revises and updates the Nunavut community population estimates on an annual basis in conjunction with Statistics Canada's revisions to provincial and territorial population estimates. For the 2015/16 fiscal year, NBS improved upon estimation methods in order to derive community estimates dating back to 2001. Previously, the community population estimates went back to 2006. Community estimates from 2001 to 2015 disaggregated by age and sex are available on the NBS websites.

The Bureau also completed revisions to the community population projection model in the 2015/16 fiscal year. The projection model is now fully functional and community projections from 2015 to 2036 will be available on the Bureau websites in the next fiscal year. Customized projection tabulations can be requested from the Bureau for each community.

## **Evaluation Projects**

In an effort to increase Inuit representation at management levels, the Bureau submitted an application for recruitment of a Beneficiary as Manager, Evaluation Intern for the Sivulitiksatsat Internship program. The Internship was approved in late December 2015. The Evaluation Unit is developing a training manual and a training guide to ensure the Manager Intern is adequately trained for the position. In addition to didactic teaching methods, the intern training program incorporates participatory training methodologies such as ‘Fish Bowl’, ‘Two Circles’ and Study Interviews’. These are meant to expose the Intern to ‘learning by doing’ teaching approaches which facilitate the acquisition of practical skills.

The Evaluation Unit supported the government-wide operational audit that commenced in mid-last year. The audit is an assessment of management practices in the GN using a common standard of measurement for improving upon management strategies, to enhance performance and improve output. The first phase of the audit entailed a capacity self-check survey of all GN departments and agencies based on 25 elements in six management categories - Leadership, Values and Ethics, Sustainable Public Service, Planning and Resource Management, Accountability and Performance Measurement. A series of discussions on the survey findings are scheduled for the next fiscal year.

During the past year, the Evaluation Unit also engaged with the Anti-Poverty Secretariat to improve upon performance measurement framework for assessing poverty situation in Nunavut, Other indicators such as the Gender Empowerment Index were introduced into the framework to broaden its scope. Additional work was undertaken on the occupational demand and supply model. This included analysis of the proposed statistical

measurements to strengthen their linkages with key components of the model and thereby enhance the model's predictive ability. Reviews were also conducted to identify data gaps in order to further upgrade the model. Assistance with other statistical projects was also provided. Further assessments of the Evaluation Framework were also undertaken. This led to identification of additional appraisal techniques which were then incorporated into the Framework to broaden the range of programs that could be evaluated.

### **Assistance Relating to Article 23 of the Nunavut Land Claims Agreement**

Throughout the fiscal year, NBS and GN staff participated in weekly meetings with Statistics Canada, Nunavut Tunngavik Incorporated (NTI) and Employment and Social Development Canada (ESDC) to develop the questionnaire for the Nunavut Government Employment Survey (NGES) and an Inuit Employment module for the 2017 Aboriginal Peoples Survey (APS). These projects were developed in relation to Article 23 of the Nunavut Lands Claim Agreement and were decided upon as feasible approaches to collect data for monitoring availability, interest and preparedness for Inuit employment in the government and to assess skill levels and formal qualifications among Inuit in Nunavut. NBS also contributed to NGES operations by spending considerable time creating the sampling frame for the survey. NBS participates in other matters, as needed, and will continue to provide assistance into the next fiscal year.

### **Improving Labour Market Indicators**

For the past two fiscal years, the Bureau has been developing an occupational supply and demand model for Nunavut. This model helps identify current and future labour market imbalances (i.e., job shortages and jobs in demand). NBS made further progress in developing the statistical model that will be used to make demand forecasts with assistance from Service Canada. NBS is refining and adapting their demand model to provide outputs by region and in some cases even by community. The supply model is nearly complete and will begin producing labour supply forecasts in the next fiscal year. These detailed models when fully developed will be able to highlight regional and community level differences across Nunavut.

The Nunavut Job Vacancy database is being updated regularly to provide information on job vacancies and to also generate data for forecasting occupational demand in Nunavut. Work on identification of priority jobs in Nunavut based on vacancy notices and other variables is also in progress. The Evaluation Unit provided assistance by expanding the vacancy database with collection of additional information on educational qualifications (high school diploma/university degree/graduate degree), specific subject areas (e.g. Nursing, Geology, MBA) and levels of experience required by employers for key job positions. Analysis of educational attainments and subjects help identify the range of courses in demand in the labour market.

### **Monthly Labour Force Survey Analysis**

The Labour Force Survey (LFS) is analyzed regularly and data specific to all of Nunavut is now being published on a monthly basis. The NBS produces monthly reports and statistical tables using Labour Force Survey data for Nunavut. An annual report is also produced and released to the public. In addition, a variety of statistical tables are produced from the LFS monthly and annually, such as employment by labour force

characteristics (age, sex and ethnicity), occupation and industry, as well as, employment characteristics of Iqaluit. The monthly and annual StatsUpdate and statistical tables are regularly made available on the NBS websites.

### **Community Socio-Economic Data Project (CSEDP)**

The main objective of this long-term project is to identify, gather and disseminate existing sources of statistical data about Nunavut communities and regions for use by government, business and the general public. The GN and other organizations require community level socio-economic data to determine potential impacts of resource development and for other monitoring purposes, such as the Nunavut General Monitoring Program and the Regional Socio-Economic Monitoring Committees (SEMC). NBS participates in SEMC meetings and works closely with Economic Development and Transportation to ensure data is current, reliable and accessible to participating community leaders, GN, federal government and industry stakeholders.

NBS produced a number of data tables at the community/regional levels for its website, mostly using Statistics Canada data and administrative data from the GN. NBS provides ongoing support by collecting and sharing data on a variety of socioeconomic topics, such as education, population, social assistance, crime, etc. These data are also available on the SEMC Data Map website: [www.nunavutsemc.com](http://www.nunavutsemc.com).

### **Other Ongoing Analytical Projects**

In addition to the above programs, the Bureau has a number of ongoing analytical initiatives. NBS is a committed participant of the Food Security Coalition for Nunavut. NBS has been actively engaged in the formation of this group and expects to provide ongoing data support, as coalition priorities become clearly defined and as the project evolves. For instance, findings from the Food Price Survey will be utilized by the Coalition to expand ongoing nutrition initiatives that the Coalition is currently coordinating.

NBS participates in various interdepartmental committees - Socioeconomic Advisory Committee (SEAC) and Sustainable Development Advisory Group (SDAG). The aim of the Bureau's participation is to provide statistical advice and socioeconomic data. Ongoing support is provided by collecting and sharing data and methodological advice on a variety of socioeconomic topics, such as economic, business, labour, education, population, health, crime statistics, etc. NBS also sits on the Data Development and Economic Impact Study for Tourism Industry in Nunavut Steering Committee with ED&T. This project involved reviewing and editing the statistical model and report completed by an external consultant.

## **Territorial and Federal Liaison**

The Nunavut Bureau of Statistics is the central statistical agency for the Government of Nunavut and as such, represents the interests of Nunavut within the national statistical system. The Bureau participates with other provinces and territories in a number of committees - Economic Accounts, Mineral and Business Statistics, Demography and Census, Social and Labour Statistics and the Consultative Council on Statistical Policy.



The general purpose of these committees is to discuss and consult with Statistics Canada and other provinces and territories on a wide range of statistical topics and issues. It is through this committee structure and annual meetings that the statistical interests of Nunavut are promoted and maintained.

In the past fiscal year, Statistics Canada consulted with NBS on the following statistical issues – 2016 Census, community population estimates and projections, Consumer Price Index food items, Nunavut Food Price Survey, survey questionnaire development, sampling frame preparation and for the statistical review of advanced STC releases covering diverse social and economic topics such as, quarterly population estimates, government finance statistics, real and nominal GDP, GDP by industry and other economic indicators.