



VITAL STATISTICS AGENCY

A Special Operating Agency of the Manitoba Government



2016/17

ANNUAL REPORT

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**ATTORNEY GENERAL
MINISTER OF JUSTICE**

Room 104
Legislative Building
Winnipeg, Manitoba CANADA
R3C 0V8

Her Honour the Honourable Janice C. Filmon, C.M., O.M.
Lieutenant Governor of Manitoba
Room 235, Legislative Building
Winnipeg MB R3C 0V8

May it Please Your Honour:

I have the privilege of presenting for the information of Your Honour the Annual Report of the Vital Statistics Agency for the year ended March 31, 2017.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Heather Stefanson'.

Honourable Heather Stefanson
Minister of Justice and Attorney General





Justice
Deputy Minister of Justice and Deputy Attorney General
Room 110 Legislative Building, Winnipeg, Manitoba, Canada R3C 0V8

Honourable Heather Stefanson
Minister of Justice and Attorney General
Room 104, Legislative Building
Winnipeg MB R3C 0V8

Dear Minister Stefanson,

I have the honour to submit the Annual Report of the Vital Statistics Agency for the year ended March 31, 2017, which marks the completion of the Vital Statistics Agency's 22nd year as a Special Operating Agency.

The Vital Statistics Agency provides cost-effective services and products related to vital event registration in Manitoba.

As the Vital Statistics Agency focuses on priority areas of improved service efficiency and delivery, it is especially well positioned to incorporate opportunities that offer specialized products and services related to the authentication of foundational identity and/or vital status as well as vital event registry data services across the Province.

I would like to thank the Vital Statistics Agency's Advisory Board for their continued support and commitment, and staff for their dedication and effort, which collectively contribute to the Agency's successes.

Respectfully submitted,

Dave Wright
Deputy Minister of Justice and Deputy Attorney General





Mr Dave Wright
Deputy Minister of Justice and Deputy Attorney General
Department of Justice
Room 110, Legislative Building
Winnipeg, Manitoba R3C 0V8

Dear Mr Wright:

On behalf of staff, it is my pleasure to submit for your review and consideration the 22nd Annual Report of the Vital Statistics Agency. The report details the operational highlights and financial results of the Agency's activities for the fiscal year ended March 31, 2017.

The Vital Statistics Agency records information about vital events in the provincial vital event registry, considered Crown property. Records in the provincial vital event registry date to 1882 and exceed four million entries.

The Vital Statistics Agency's primary purpose is to use the information in the vital event registry to provide individuals with evidence of foundational identity/or vital status, and to compile Manitoba-specific vital event data in support of program development, policy planning, and research.

This year, the Agency continued its involvement with many of the significant activities initiated in prior years, such as inter-jurisdictional coordination of approaches, development of information sharing agreements with partners, and implementation of LEAN principles in Agency operations.

The Agency identified an increase in demand for digital services and products, and has been working to develop strategic partnerships that support innovative programs and meet the needs of both present and future users of the provincial vital event registry.

We look forward to building upon these positive achievements in 2017/18.

Respectfully submitted,

Alena Lukes, PhD
Acting Director and Chief Operating Officer
Vital Statistics Agency



Vital Statistics Agency 254 Portage Avenue, Winnipeg, MB R3C 0B6 Canada
Bureau de l'état civil 254, avenue Portage, Winnipeg MB R3C 0B6 Canada

Monsieur Dave Wright
Sous-ministre de la Justice et sous-procureur général
Ministère de la Justice
Palais législatif, bureau 110
Winnipeg (Manitoba) R3C 0V8

Monsieur le Sous-Ministre,

Au nom du personnel, j'ai le plaisir de vous présenter le 22^e rapport annuel du Bureau de l'état civil pour examen. Le rapport détaille les principales activités relatives aux finances et aux opérations de l'organisme pour l'exercice terminé le 31 mars 2017.

Le Bureau de l'état civil enregistre les données de l'état civil dans le registre provincial de l'état civil, qui est considéré comme bien de la Couronne. Les documents contenus dans le registre remontent à 1882 et dépassent quatre millions d'entrées.

L'objectif principal du Bureau de l'état civil est d'utiliser les données du registre pour fournir aux particuliers une preuve de l'identité essentielle ou de l'état civil et pour compiler des données de l'état civil propres au Manitoba en vue d'appuyer l'élaboration de programmes, la planification de politiques et la recherche.

Cette année, le Bureau a continué de participer à de nombreuses activités importantes lancées au cours des années précédentes, comme la coordination intergouvernementale en matière d'approches, la mise en place d'ententes sur l'échange de renseignements avec les partenaires et la mise en œuvre des principes LEAN dans le cadre des opérations de l'organisme.

Le Bureau a relevé une augmentation de la demande de services et de produits numériques et a travaillé à la mise sur pied de partenariats stratégiques qui appuient des programmes novateurs et répondent aux besoins des utilisateurs actuels et futurs du registre provincial.

Nous nous réjouissons à l'idée de nous appuyer sur ces réalisations positives en 2017-2018.

Le tout respectueusement soumis.

La directrice par intérim et chef de l'exploitation,
Alena Lukes
Bureau de l'état civil

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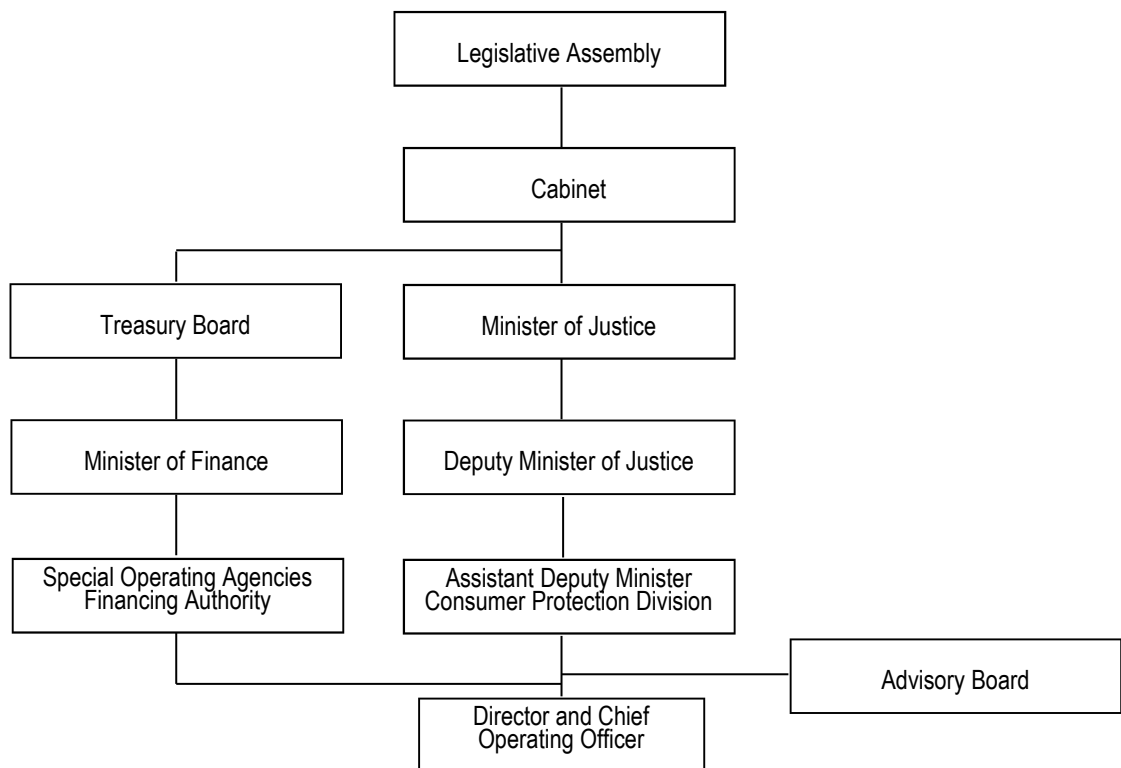
ACCOUNTABILITY FRAMEWORK

ACCOUNTABILITY STRUCTURE

The Vital Statistics Agency is a Special Operating Agency (SOA) that:

- ◆ Is within the Department of Justice, accountable to the Deputy Minister for operational and financial performance through the Assistant Deputy Minister of the Consumer Protection Division.
- ◆ Operates on a cost-recovery basis outside the Consolidated Fund under the Special Operating Agency Financing Authority (SOAFA), which holds title to the Vital Statistics Agency's assets, provides financing for operations, and is responsible for the Vital Statistics Agency's liabilities.
- ◆ Is governed by its Operating Charter, Transfer Agreement, and Management Agreement; General Manual of Administration policies (unless exempted under the Charter); and by *The Special Operating Agencies Financing Authority Act*. Financial and operational information/requirements are disseminated to and from Treasury Board through a Special Operating Agency Coordinator at Treasury Board Secretariat.

The Accountability Structure Chart presented below outlines the current structure:



ADVISORY BOARD

The Vital Statistics Agency's Advisory Board reviews the statutory reporting presented by the Agency and offers advice and direction in areas of strategic planning and operations, structure, business priorities, finances and issues of concern. Advisory Board members are appointed by the Minister.

Advisory Board Members:

- CHAIR** **Gail Anderson,**
Assistant Deputy Minister, Consumer Protection Division
- MEMBERS** **Denise Koss** *(retired July, 2017)*
Director and Chief Operating Officer, Vital Statistics Agency
- Pam Lorentz**
Staff Representative, Vital Statistics Agency
- Debbie Besant**
Chief Executive Officer, General Child and Family Services Authority
- Wilf Falk** *(retired November, 2016)*
Chief Statistician, Manitoba Bureau of Statistics
- Trina Larsen**
Manager, Maternal Health and Wellness, Women's Health Clinic
- Leslie Russell**
Manager (Winnipeg Office), Passport Canada

VITAL STATISTICS COUNCIL FOR CANADA (VSCC)

Manitoba's Vital Statistics Agency is a member of the Vital Statistics Council for Canada (VSCC). Established in 1945, the Council is a partnership of provincial/territorial vital event registrars, and federal officials responsible for the production and analysis of national statistics.

The Council provides a forum for developing a common approach to collecting vital event information across the nation, sharing information with external parties, and facilitating problem-solving through shared experiences, research findings, and expertise among jurisdictions.

All provincial and territorial registrars provide vital event information to Statistics Canada.

All levels of government use the data to enhance effective and efficient public administration. The data enables statistical research, analysis, comparisons, and projections such as mortality rates, birth rates, nuptial arrangements, life expectancy, population densities, as well as other demographic and geographic trends.

AGENCY PROFILE

HISTORY

The provincial vital event registry dates to 1882, and today includes nearly four million records. Information is added to the registry via Vital Statistics, which became a Special Operating Agency on April 1, 1994.

Across Canada, birth, stillbirth and death events are registered at no charge.

The provincial vital event registry contains information used to provide Manitoba-registered individuals with evidence of foundational identity and/or vital status and policymakers/researchers with Manitoba-specific vital event data in support of Manitoba programs.

PURPOSE

As the sole custodian of the Crown's vital event records, the Vital Statistics Agency is the only authoritative:

- * Registrar of Manitoba vital events;
- * Issuer of Manitoba vital event documents that provide evidence of foundational identity and/or vital status;
- * Provider of digital evidence of foundational identity and/or vital status; and
- * Source of historic and current vital event information in Manitoba.

The Vital Statistics Agency has a key role in provincial, national and international identity management because information in the provincial vital event registry provides evidence of foundational identity and/or vital status for all events registered in Manitoba.

A registration of birth in the provincial registry is the foundation to an individual's legal identity. The Agency is the only authoritative party able to assure that foundational identity is authentic, and issues the only identity document which establishes core information about a Manitoba-born person, such as age, name, birth in Canada, and parentage. All other identity documents issued to Manitoba-born individuals, including passports, identity cards, and driver's licences, rely on the foundational information provided in a Manitoba birth registration in order to link that information to a specific physical person.

Other entries in the provincial vital event registry, such as a registration of death, common-law relationship, common-law relationship dissolution, marriage, etc. provide evidence of vital status or change in vital status.

VISION

The Agency's vision is to deliver secure evidence of foundational identity/vital status and to provide accurate vital event data from the provincial vital event registry in support of program delivery, policy development, and research.

MISSION

The Agency's mission is to ensure accurate and timely registration of vital events for health planning and research, and to provide the public with courteous, timely, and cost-effective services relating to these events in a manner that effectively meets all legislative and statutory requirements.

MANDATE AND STATUTORY BASE

The Vital Statistics Agency is responsible for administering and enforcing:

- ◆ *The Vital Statistics Act;*
- ◆ *The Marriage Act;*
- ◆ *The Change of Name Act;*
- ◆ Processing disinterments under *The Public Health Act.*

Agency operations are also affected by other acts including:

- ◆ *The Adoption Act* (adoption registration, documents to Post Adoption Registry);
- ◆ *The Manitoba Evidence Act* (statutory declarations for vital event registration);
- ◆ *The Family Maintenance Act* (amending parentage particulars in birth records);
- ◆ *The Fatality Inquiries Act* (medical certification of death in death registration);
- ◆ *The Interpretation Act* (interpretation of acts and regulations);
- ◆ *The Personal Health Information Act* (protecting privacy);
- ◆ *The Freedom of Information and Protection of Privacy Act* (protecting privacy).

ORGANIZATIONAL STRUCTURE

The Vital Statistics Agency has a total of 37 regular and 6 term approved Full Time Employees (FTE) positions. The Agency is operating with several vacancies due to approved leaves, such as maternity leaves.

The Vital Statistics Agency is organized into five main operational units: the Customer Service Unit is a first point of contact for the general public and incoming requests; the Registration Unit enters vital event information into the provincial vital event registry; the Application Processing Unit issues certificates and other documents based on Manitoba vital events; the Mail Unit receives and sends out all Agency post; and the Confidential Services Unit provides identity management services.

The Vital Statistics Agency also relies on the following business units to provide specialized services: the Finance Unit provides accounting and comptrollership services, the Information Technology Unit provides specialized information technology infrastructure and support, as well as authorized electronic notifications; the Change Management Unit provides quality assurance and implements coordinated change across the Agency; the Policy Unit provides legislatively compliant exception management and policy advice on operational issues, as well as development of policy, legislation and Information Sharing Agreements.

PUBLIC SECTOR COMPENSATION DISCLOSURE

Pursuant to section 2(1) of *The Public Sector Compensation Disclosure Act*, employees of the Vital Statistics Agency who received compensation in the 2016/17 fiscal year of \$50,000 or more, directly or indirectly, including benefits and severance payments, are disclosed in Volume 2 of the Province of Manitoba Public Accounts.

THE PUBLIC INTEREST DISCLOSURE (WHISTLEBLOWER PROTECTION) ACT

No disclosures of wrongdoing were made to a Vital Statistics Agency supervisor or Department of Justice designated officer during 2016/17 fiscal year. The Vital Statistics Agency confirms disclosures under subsection 18(2)(a) [disclosures received], 18(2)(b) [investigations due to disclosures], and 18(2)(c) [corrective action due to disclosures] are all NIL.

SERVICES AND PRODUCTS

SERVICE LINES

The Vital Statistics Agency has two inter-connected lines of business that deliver services and products related to the provincial vital event registry to: the general public (evidence of foundational identity and/or vital status); and provincial/federal departments/organizations, health institutions, and researchers (data and statistical services).

OUR SERVICES AND PRODUCTS

The Vital Statistics Agency delivers a broad range of services and products prescribed by *The Vital Statistics Act*, *The Marriage Act*, and *The Change of Name Act*, in addition to processing disinterments under *The Public Health Act*. All services and products are delivered in compliance with *The Personal Health Information Act* and *The Freedom of Information and Protection of Privacy Act*.

Services:

- Vital event registration
 - * Adoption, birth, stillbirth, marriage, common-law relationship registration, common-law relationship dissolution, death
- Foundational identity management
 - * Legal change of name, election of surname, resumption of surname, change of sex designation
- Foundational identity maintenance
 - * Vital event registry amendments (changes to information recorded in registrations of adoption, birth, stillbirth, marriage, common-law relationship registration, common-law relationship dissolution, or death)
- Evidence of foundational identity (automated)
 - * Digital validation of vital event information
 - * Digital notification of vital event registration
 - * Manual validation and/or adjudication of vital event information/registration
- Statistical information reporting, management, and data extraction
- Rush service to process application(s) and issue document(s) within 3 business days
- Registration-related services
 - * Appointment of clergy and commissioners to perform marriages
 - * Recognition of religious denominations under *The Marriage Act*
 - * Appointment of Event Registrars
 - * Orders authorizing disinterment
 - * Issuance of reburial permits

Products (vital event documents):

- Evidence of foundational identity (documents)
 - * Polymer birth certificates with the option to include parent(s) name(s);
 - * Certificates of Election of surname;
 - * Certificates of Resumption of surname;
 - * Certificates of Legal changes of name;
 - * Certificates of Change of sex designation;
 - * Certified copies of registrations for birth;
 - * Post-Adoption Registry documents
- Evidence of vital status (documents)
 - * Commemorative birth, marriage and stillbirth certificates;
 - * Certificates of common-law relationship registration;
 - * Certificates of common-law relationship dissolution registration;
 - * Certificates of deaths;
 - * Certificates of marriage;
 - * Certified copies of marriage, death, and stillbirth events;
 - * Marriage licenses and banns;
 - * Record searches (including genealogical searches) and search receipts;

ACTIVITIES OF INTEREST

IDENTITY MANAGEMENT

Identity is the starting point in establishing trust and confidence in interactions between individuals and organizations. It is an enabler of service delivery at the heart of public administration and most government business processes. How identity information is collected, used, managed, and secured is of critical interest in the public sector, especially areas charged with managing program eligibility, protecting the rights of citizens, ensuring privacy, and safeguarding national security or public safety.

The Vital Statistics Agency and the Employment and Income Assistance Program are co-chairs of a Manitoba Interdepartmental Steering Committee on Identity Management. This Committee was created to develop identity notification and authentication options for individuals eligible for Manitoba benefit programs and services. The Committee is comprised of a select group of assistant deputy ministers and executive directors from the Departments of Families; Health; Justice; and Growth, Enterprise and Trade.

INTER-JURISDICTIONAL COORDINATION

Each Canadian jurisdiction provides services in accordance with local provincial/territorial vital event legislation, resulting in variability across the country. The Vital Statistics Council for Canada (VSCC) was established in 1945 as a means to exchange information and develop similar standards in the provision of vital event services. Manitoba continues to work with the Council and Uniform Law Conference of Canada to update the model *Vital Statistics Act*, and to develop pan-jurisdictional operational standards mindful of identity management requirements and emerging issues such as: breadth of information collected during vital event registration; social changes impacting vital event registration (ex: surrogacy in birth registration); as well as processes involved in foundational identity maintenance or authentication.

DIGITAL VITAL EVENT SERVICES

The Vital Statistics Agency continues to actively review mechanisms for digital notification/authentication of registered vital event information to ensure consistent data management, security, and protection of digital vital event information.

This includes ongoing participation in a federal/provincial/territorial dialogue on a digital identity management initiative known as the Canada's Digital Interchange. The development of a Pan-Canadian Trust Framework to ensure individuals and businesses are who-they-say-they-are, is especially important as all levels of government consider initiatives to move more services on-line and enhance readiness to participate in the digital economy.

WEB-BASED SERVICE DELIVERY

The public has come to expect near-instant access to provincial registry information and documents. The Vital Statistics Agency uses proprietary software for vital event registration, and is in the final stages of completing the business requirements to implement information system enhancements that will enable the public to apply for vital statistics documents on-line, and eventually to also register vital events on-line. The Vital Statistics Agency is also exploring options to update the web interface used by the public to conduct genealogical searches of the provincial vital event registry.

CONVERSION OF PRINTED DOCUMENTS TO DIGITAL IMAGES

The conversion of paper documents to a digital format reduces the possibility of lost documents, but must be completed without compromised access to highly sensitive information. The Vital Statistics Agency is working to implement a quarterly digitization schedule.

INFORMATION SHARING AGREEMENTS

Data in the provincial vital event registry can be used to confirm eligibility for various programs/benefits, and informs on a diverse range of socio-economic and health related issues that assist in program development and policy planning.

The Vital Statistics Agency therefore continues to work with various levels of government to develop information sharing agreements compliant with *The Vital Statistics Act*, *The Personal Health Information Act*, and *The Freedom of Information and Protection of Privacy Act* that secure data, protect privacy, and permit authorized information sharing limited to the needs of each department or organization.

IMMIGRATION, REFUGEES, AND CITIZENSHIP CANADA (IRCC)

In recent years, Immigration, Refugees and Citizenship Canada (IRCC), formerly Citizenship and Immigration Canada (CIC), indicated a desire to engage Canadian vital statistics organizations on a number of topics. Manitoba has agreed to participate in the Identity Linkages Project (ILP), which, when implemented, will enable IRCC/Passport Canada to digitally validate foundational identity information. The Agency is working to launch in 2018, after the Agency has implemented on-line application and registration projects.

INTEGRATED DEATH REGISTRATION

The Public Sector Service Delivery Council (PSSDC) and the Public Sector Chief Information Officer Council (PSCIO) have been working to develop federal, provincial and territorial best practices in citizen-centred service delivery. In the spring of 2016, the Vital Statistics Agency participated in PSSDC initiated consultations (PSSDC Death Notification Working Group), centered on a Statement of Work intended to develop a Death Registration and Notification Blueprint for integrated digital death registration.

TRUTH AND RECONCILIATION COMMISSION RECOMMENDATIONS

In 2015/16 Manitoba announced a government-wide commitment to work with First Nation, Métis and Inuit stakeholders, as well as non-governmental organizations on the ongoing, long-term implementation of the calls to action recommended by the Truth and Reconciliation Commission of Canada (TRC). Call to Action #17 (“Language and Culture” section) would enable residential school survivors and their families to reclaim names changed by the residential school system by waiving administrative costs for a period of five years.

The Vital Statistics Agency has been an active participant in Vital Statistics Council for Canada (VSCC) discussions on implementation of recommendation #17. Some legislative changes may be required as current statutory naming provisions require an individual born or undergoing a legal change of name in Manitoba to have both a given name and a surname consisting only of the letters “a” to “z” and accents from the English or French languages (some reclaimed names could potentially be in an Indigenous language and/or consist of a single name). In addition, the Vital Statistics Agency’s capacity to waive fees may be limited. For instance, Manitoba requires that all adults applying for a legal change of name be fingerprinted. The RCMP has sole authority and responsibility for the fingerprinting process and fingerprinting costs are paid directly to the fingerprinting agency, not the Vital Statistics Agency.

IMPLEMENTATION OF LEAN PRINCIPLES IN AGENCY OPERATIONS

Vital Statistics Agency is engaged in strategic planning and the application of LEAN principles to streamline, eliminate waste, and maximize available resources. Much of this strategic planning is driven by the Agency’s information system enhancements which will enable the public to apply for vital statistics documents on-line, and eventually to register vital events on-line.

ACTIVITIES PERFORMED IN 2016/17

	2016-2017	2015-2016	2014-2015	2013-2014
Vital Event Registration				
Adoption	154	156	176	243
Birth	17,392	17,033	16,511	17,177
Stillbirth	140	148	163	136
Common-Law Relationship	82	44	70	52
Common-Law Dissolution	10	7	3	5
Marriage	5,515	5,440	5,727	5,610
Death	10,958	10,513	10,981	10,235
Delayed Registration ¹	20	22	32	36
Vital Event Registration Sub-Total	34,271	33,363	33,663	33,494
Foundational Identity Services				
Legal Change of Name	1,208	1,061	1,184	1,563
Election of Surname	117	123	132	181
Resumption of Surname	11	9	6	10
Change of Sex Designation ²	76	60	22	23
Registry Amendments	5,456	4,219	4,169	4,426
Foundational Identity Services Sub-Total	6,868	5,472	5,513	6,203
Registration-Related Services				
Clergy appointed	227	187	147	164
Commissioners appointed	1,032	1,027	810	721
Denominations recognized	7	5	4	4
Event Registrars appointed ³	34	45	N/A	N/A
Disinterment orders	4	10	7	11
Victims of crime	194	177	219	244
Registration-Related Services Sub-Total	1,498	1,451	1,187	1,144
Documents Issued				
Birth certificates	48,946	49,501	50,287	54,312
Commemorative certificates	13	11	19	19
Common-Law certificates	174	124	135	142
Marriage certificates	10,094	10,239	9,983	9,959
Marriage licences and banns	5,324	5,057	5,103	4,967
Death certificates	8,590	7,915	8,279	8,133
Certified copies	3,209	3,156	3,038	3,160
Search receipts	3,888	3,530	3,586	3,914
Genealogy requests	2,035	2,082	2,295	2,680
Documents Issued Sub-Total	82,273	81,615	82,725	87,286
Rush Service Requests⁴	20,531	19,018	17,600	17,354
FISCAL YEAR TOTAL	145,441	140,919	140,688	145,481

¹ Delayed registrations of all vital events.

² Includes applications processed for change of sex designation on a Manitoba birth or marriage registration, or a change of sex designation certificate. Statistics prior to March 1, 2016 denote applications processed for a change of sex designation on a Manitoba birth registration only.

³ Vital Statistics Agency began collecting statistics on the number of appointed Event Registrars in 2015/16. Comparative data is not available.

⁴ Number of requests to process document application and issue documents within 1-3 business days. Total is for *rush service pertaining to document issuance only* and excludes number of documents.

* Manual/electronic vital event validations and notifications, as well as statistical information reporting, management and extraction, are not included in this table.

STATISTICS

2016 CALENDAR YEAR

TOTAL BIRTHS

Year	Total Boys		Total Girls		Total Births	
	Number	Percentage	Number	Percentage	Number	Percentage
2016	8,854	51%	8,555	49%	17,409	100%
2015	8,850	52%	8,331	48%	17,182	100%
2014	8,856	52%	8,124	48%	16,980	100%
2013	8,726	51%	8,233	49%	16,959	100%
2012	8,638	51%	8,189	49%	16,827	100%
2011	8,357	52%	7,830	48%	16,187	100%
2010	8,336	51%	7,915	49%	16,251	100%
2009	8,309	51%	8,056	49%	16,365	100%
2008	8,059	51%	7,847	49%	15,906	100%
2007	8,039	51%	7,658	49%	15,697	100%
2006	7,653	51%	7,351	49%	15,004	100%

MARRIAGES BY OFFICIANT

Year	Clergy		Marriage Commissioner		Court of Queen's Bench		Total Marriages	
	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
2016	1,897	35%	3,608	65%	0	0%	5,506	100%
2015	2,001	37%	3,430	63%	0	0%	5,435	100%
2014	2,155	39%	3,349	61%	1	0%	5,505	100%
2013	2,255	42%	3,129	58%	0	0%	5,384	100%
2012	2,428	43%	3,178	57%	2	0%	5,608	100%
2011	2,525	46%	2,957	54%	2	0%	5,484	100%
2010	2,693	48%	2,917	52%	6	0%	5,616	100%
2009	2,842	50%	2,834	50%	3	0%	5,679	100%
2008	2,782	50%	2,808	50%	8	0%	5,604	100%
2007	2,895	50%	2,884	50%	6	0%	5,785	100%
2006	3,141	54%	2,623	45%	12	0%	5,776	100%

COMMON-LAW REGISTRATIONS

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Number	82	41	68	47	56	40	42	55	43	33	20

LIVE BIRTHS, DEATHS, MARRIAGES AND STILLBIRTHS (Rate per 1,000)

YEAR	Live Births		Marriages			Deaths			Stillbirths		
	Number	Rate per MB Health Population	Rate per Statistics Canada Population	Number	Rate per MB Health Population	Rate per Statistics Canada Population	Number	Rate per MB Health Population	Rate per Statistics Canada Population	Number	Rate per 1,000 Live Births*
2016	17,409	13.0	13.2	5,506	4.1	4.2	10,785	8.1	8.2	141	8.1
2015	17,182	13.0	13.3	5,435	4.1	4.2	10,709	8.1	8.3	153	8.9
2014	16,980	13.0	13.2	5,505	4.2	4.3	10,718	8.2	8.4	156	9.2
2013	16,959	13.2	13.4	5,384	4.2	4.3	10,127	7.9	8.0	142	8.4
2012	16,827	13.2	13.3	5,608	4.4	4.4	10,109	8.0	8.0	124	7.4
2011	16,187	12.9	12.9	5,482	4.4	4.4	10,302	8.2	8.2	147	9.1
2010	16,252	13.2	13.2	5,616	4.6	4.5	10,022	8.1	8.1	141	8.7
2009	16,365	13.5	13.4	5,679	4.7	4.6	10,005	8.2	8.2	139	8.5
2008	15,906	13.3	13.2	5,604	4.7	4.6	10,096	8.4	8.4	152	9.6
2007	15,697	13.2	13.2	5,785	4.9	4.9	9,984	8.4	8.4	119	7.6
2006	15,005	12.7	12.7	5,776	4.9	4.9	9,803	8.3	8.3	123	8.2

*Rate is the number of fetal deaths of 20 or more weeks' gestation or weighing 500 grams or more per 1,000 live births.

TOP TEN NAMES

BOYS

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
1	Liam	Liam	Liam	Liam	Liam	Liam	Liam	Liam	Ethan	Ethan	Ethan
2	William	Lucas	Noah	Ethan	Mason	Ethan	Noah	Ethan	Noah	Noah	Joshua
3	Benjamin	Logan	Logan	Lucas	Carter	Noah	Ethan	Noah	Aiden	Logan	Logan
4	Lucas	Mason	Mason	Logan	Noah	Logan	Logan	Logan	Liam	Matthew	Matthew
5	Ethan	James	Ethan	Noah	Logan	Lucas	Jacob	Carter	Alexander	Alexander	Noah
6	Noah	Oliver	James	Mason	Lucas	Benjamin	Lucas	William	Joshua	Joshua	Alexander
7	Carter	Ethan	Lucas	Alexander	William	Mason	Alexander	Owen	Jayden	Benjamin	Owen
8	Owen	Jacob	Jacob	Benjamin	Benjamin	Jayden	Owen	Lucas	Evan	Liam	Liam
9	Alexander	William	Hunter	Carter	Hunter	Carter	Daniel	Alexander	Logan	Nathan	Tyler
10	Mason	Owen	Carter	Jacob	Jacob	Jacob	Carter	Joshua	Benjamin	Jacob	Aiden

GIRLS

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
1	Olivia	Emily	Olivia	Emma	Emily	Olivia	Chloé	Ava	Emily	Ava	Emily
2	Emma	Olivia	Emma	Emily	Emma	Ava	Emily	Emma	Emma	Emily	Madison
3	Emily	Emma	Sophia	Olivia	Olivia	Emily	Isabella	Olivia	Ava	Madison	Emma
4	Sophia	Hannah	Emily	Sophia	Sophia	Sophia	Ava	Emily	Hannah	Hannah	Hannah
5	Chloe	Ava	Ava	Ava	Ava	Emma	Olivia	Isabella	Olivia	Emma	Sarah
6	Ava	Chloe	Avery	Hannah	Lily	Hailey	Emma	Chloé	Abigail	Brooklyn	Ava
7	Abigail	Sophia	Abigail	Chloe	Avery	Sophie	Lily	Abigail	Madison	Abigail	Abigail
8	Amelia	Avery	Chloe	Ella	Chloé	Chloé	Sophia	Madison	Hailey	Sarah	Chloé
9	Hannah	Amelia	Madison	Madison	Abigail	Isabella	Brooklyn	Alexis	Taylor	Olivia	Isabella
10	Grace	Abigail	Isabella	Hailey	Hailey	Lily	Sophie	Hailey	Brooklyn	Brooke	Hailey

INFANT MORTALITY BY REGION OF RESIDENCE

REGIONS	2016		
	Infant Deaths	Live Births	Rate per 1,000 Live Births
Assiniboine	2	951	2.1
Brandon	7	784	8.9
Burntwood	10	1,225	8.2
Central	9	1,791	5.0
Churchill	0	8	0.0
Interlake	3	860	3.5
Norman	5	510	9.8
North Eastman	2	560	3.6
Parkland	0	389	0.0
South Eastman	3	1,285	2.3
Winnipeg	31	8,351	3.7
Manitoba Residents	72	16,174	4.5
Non-Residents	5	642	7.8
Unknown	19	53	
TOTAL	96	17,409	5.5

DEATH RATES (under one year)

YEAR	STILLBIRTH ₁	PERINATAL ₂	NEONATAL ₃	POST-NEONATAL ₄	INFANT ₅
2016	8.1	11.7	4.1	1.4	5.5
2015	8.9	12.8	4.5	1.6	6.2
2014	9.2	13.0	4.7	1.5	6.2
2013	8.4	11.5	3.7	1.7	5.4
2012	7.4	10.4	4.0	2.1	6.1
2011	9.1	13.9	5.7	2.3	8.0
2010	8.7	12.7	4.9	1.8	6.8
2009	8.5	12.5	5.0	1.3	6.4
2008	9.6	13.9	5.0	2.2	7.2
2007	7.6	11.9	5.2	2.3	7.5
2006	8.2	12.0	4.5	1.7	6.1

- ¹ Stillbirth: a child or fetus of 20 or more weeks gestation or weighing 500 grams or more that is dead at birth. Stillbirth rates are per 1,000 live births.
- ² Perinatal: a child aged less than seven days of newborn life or a stillbirth. Perinatal rates are per 1,000 total births (live birth plus stillbirths).
- ³ Neonatal: a child aged less than 28 days of age, excluding stillbirths. Neonatal rates are per 1,000 live births.
- ⁴ Post-Neonatal: a child aged between the 28th day of newborn life and the start of infancy (28 to 364 days). Post-Neonatal rates are per 1,000 live births.
- ⁵ Infant: a child aged less than 1 year. Infant rates are per 1,000 live births.

DEATHS UNDER ONE YEAR BY UNDERLYING CAUSE AND AGE

CAUSES OF DEATH	2016				Total
	< 7 Days	7 - 28 Days	28 Days - 1 Year		
Accidents (V01-X59, Y85-Y86)	0	0	0	0	0
Congenital Anomalies (Q00 - Q99)	13	3	4	20	20
Immaturity (p07)	10	0	0	10	10
Injury at Birth (P10 - P15)	0	0	0	0	0
Newborn affected by complications of placenta, cord & membranes (P02)	5	0	0	5	5
Other Causes	31	7	17	55	55
Other Respiratory Conditions originating in the perinatal period (P23 - P28)	0	0	0	0	0
Pneumonia (J12-J18)	0	0	1	1	1
Respiratory Distress of Newborn (P22)	3	0	0	3	3
Sudden Infant Death Syndrome (R95)	0	0	2	2	2
TOTAL	62	10	24	96	96

DEATHS BY UNDERLYING CAUSE (Rate per 100,000)

CAUSES OF DEATH	2016			2015			2014		
	Number	Rate per MB Health Population	Rate per Statistics Canada Population*	Number	Rate per MB Health Population*	Rate per Statistics Canada Population*	Number	Rate per MB Health Population*	Rate per Statistics Canada Population*
Accidents (V01-X59, Y85-Y86)	530	39.6	40.2	534	40.4	41.3	526	40.3	41.0
Cancer (C00 - C97)	2,801	209.1	212.5	2,764	209.3	213.7	2,886	220.9	225.1
Cerebrovascular Disease (I60 - I69)	604	45.1	45.8	596	45.1	46.1	651	49.8	50.8
Diabetes (E10 - E14)	319	23.8	24.2	368	27.9	28.5	324	24.8	25.3
Diseases of the heart (I00 - I09, I11, I13, I20 - I25, I26 - I51)	2,166	161.7	164.3	2,136	161.8	165.1	2,217	169.7	172.9
Pneumonia (J12-J18)	237	17.7	18.0	228	17.3	17.6	226	17.3	17.6
Suicide (X60 - X84, Y890)	193	14.4	14.6	173	13.1	13.4	176	13.5	13.7

DEATHS AND DEATH RATES DUE TO ACCIDENTS

YEAR	Motor Vehicle Accidents		Accidental Falls		Other Accidents		Total Accidents	
	Number	Death Rate per 100,000 MB Health Population	Number	Death Rate per 100,000 MB Health Population	Number	Death Rate per 100,000 MB Health Population	Number	Death Rate per 100,000 MB Health Population
2016	117	8.7	207	15.5	206	15.4	530	39.6
2015	98	7.4	217	16.4	219	16.6	534	40.4
2014	77	5.9	194	14.9	255	19.5	526	40.3
2013	105	8.1	187	14.5	223	17.3	515	39.9
2012	111	8.7	179	14.1	243	19.1	533	41.9
2011	118	9.4	186	14.9	235	18.8	539	43.1
2010	94	7.6	214	17.4	207	16.8	515	41.9
2009	110	9.1	198	16.3	181	14.9	489	40.3
2008	100	8.3	174	14.5	203	16.9	477	39.8
2007	123	10.4	152	12.8	212	17.9	487	41.0
2006	142	12.0	165	14.0	168	14.3	475	40.3

DISPOSITION RATES BY TYPE

YEAR	Burials		Cremations		Other*		Total Deaths	
	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
2016	3,610	34%	6,985	65%	190	2%	10,785	100%
2015	3,717	35%	6,784	63%	208	2%	10,709	100%
2014	3,689	34%	6,832	64%	197	2%	10,718	100%
2013	3,751	37%	6,222	61%	154	2%	10,127	100%
2012	3,914	39%	6,014	59%	181	2%	10,109	100%
2011	3,923	38%	6,254	61%	125	1%	10,302	100%
2010	3,951	39%	5,973	60%	98	1%	10,022	100%
2009	4,071	41%	5,826	58%	108	1%	10,005	100%
2008	4,168	42%	5,805	57%	123	1%	10,096	100%
2007	4,383	44%	5,424	54%	175	2%	9,982	100%
2006	4,399	45%	5,222	53%	182	2%	9,803	100%

* Includes disposition in mausoleum, crypt, donations for medical research, and remains shipped outside Manitoba.