

REGISTRAR GENERAL'S DEPARTMENT

*An Executive Agency
Since April 1, 1999*

Vital Statistics Report

2003



VITAL STATISTICS

JAMAICA

2003

PREPARED BY:

**REGISTRAR GENERAL'S DEPARTMENT
TWICKENHAM PARK, ST. CATHERINE
JAMAICA**

ISSN 0799-0669

Published by the Registrar General's Department
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St. Catherine
Jamaica W.I.

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FOREWORD

In the fulfilment of one of the Registrar General's Department (RGD)'s most important functions, the publication of the Annual Vital Statistics Report is an essential element. One of the key roles of this Agency is to provide data for the support of National Planning hence, the vital statistics, (statistics for births, deaths, stillbirths, infant deaths and marriages) provided must be of a high standard, both in relation to timeliness and accuracy.

Cognizant of this, the RGD continues to make significant strides in the improvement of the quality of the data it produces. Since the 2002 reporting year, the introduction of the use of technology in the capture and collation of vital data has been instrumental in allowing for the current and sustained development of the vital statistics production process.

ACKNOWLEDGEMENTS

This report would not have been of the quality and usefulness that it is without the input and cooperation of several agencies and individuals. We specially recognize the contributions of the Statistical Institute of Jamaica (STATIN), the Planning Institute of Jamaica (PIOJ), the Commissioner of Police, the Ministry of Health (MOH) and the Supreme Court.

In addition, the tireless efforts of other personnel associated with the operations of the RGD must not go unnoticed. We say thanks to all hospitals, other health institutions, police officers, Courts officers, funeral homes, Local District Registrars (LDRs), Marriage Officers, hotel workers and our own staff members.

OVERVIEW

Introduction

The Registrar General's Department (RGD) has published an Annual Vital Statistics Report for every year since 1995. This 2003 report is the ninth such report of its kind and the second report that has been based on data captured and compiled electronically.

In 2004, the RGD will commemorate 125 years of the administration of Jamaica's civil registration system. Since Executive Agency status was conferred in 1999, the Department has steadily realised vast improvements in its operations not only in relation to the provision of certificates but also, more importantly, in the process of vital statistics production.

The RGD is devoted to initiating and facilitating ways of sustaining and intensifying the trend of the positive development that has been achieved in recent years. Through continued partnership with its established sister organisations and by fostering new ones, the Agency will undoubtedly succeed in the complete transformation of Jamaica's current civil registration and vital statistics systems from Third World to First World standards.

Since vital statistics, that is, statistics on births, deaths, marriages, (adoptions and divorces) are derived from the information from the civil registration system, it is crucial that this system be as comprehensive, complete and accurate as possible. Once this is ensured, the next concern is the effective and efficient transfer of all its data into the vital statistics system. This format must not only be relevant to the country's needs but also consistent with international standards so that factual comparisons can be made.

In respect of Jamaica, both functions of civil registration and vital statistics reside under the same administrative office, the Ministry of Health. Even more advantageous is the fact that both functions are also carried out by the same agency, the RGD. It is expected therefore, and has been proven, that the interface that currently exists between the civil registration system and vital statistics system in Jamaica, as administered by the RGD, is of an optimal standard.

Though the interaction between these two systems is adequate, some concerns have been raised concerning two other factors: firstly, the level of synchronicity between civil registration and actual occurrence of vital events and secondly, the fact that Jamaica's vital statistics, are reported upon the basis of date of registration as opposed to date of occurrence.¹

In the case of institutional vital events, these are registered promptly as it is the duty of the institution to notify the Local District Registrar (LDR) of all known events occurring under its supervision. It is a concern, however, that there may be a small percentage of events that are not being registered on time as institutions withhold the required information due to non-payment of fees by those persons who have been provided service

¹ Most countries base their reports on date of occurrence. This is internationally accepted.

in that institution. Home deliveries is another area of concern as the possibility exists for delayed or no registration occurring due to lack of proper knowledge about the need to register the event. Such seeming hindrances are negated with respect to registration, being effected however, as most essential social systems (for example schools, Passport Office and administration of estates) usually demand that persons produce a birth or death certificate upon registration or solicitation of service.

This now raises the issue of delay in registration. Legally in Jamaica, registration of births and deaths are not deemed to be “late” until one year has passed after the event has occurred. The public therefore has up to one full year to opt for normal registration of a birth or death, even though ideally, registration should take place as soon as the event occurs. Consequently, the RGD must consider events that occur in a particular year, are registered in the following calendar year but which were still registered within the one year period. This raises the concern of delay in registration since the RGD uses the basis of registered events as the platform for reporting vital events.

In order for Vital Statistics to be sufficiently meaningful and comparable from year to year and country to country, it is suggested that it be reported on the basis of date of occurrence. If the date of registration must be used, the delay in registration must not be appreciable.

In the case of RGD’s data for Jamaica, the method of reporting based on registered vital events has been in existence at least since the 1995-reporting year when all statistics were generated manually. However, since the start of electronic capture, compilation and generation of vital data, the possibility of eliminating the phenomenon of registration date based vital statistics now exists. It will now be possible for the data to be easily tracked and manipulated on the basis of date of occurrence or any other parameter required.

In respect of the reduction of delay in registration and the elimination of the need for late registration, it is necessary that the appropriate statutory measures be implemented and actively enforced. The laws governing registration must contain safeguards that intrinsically and absolutely guarantee the prompt and complete registration of all vital events. Once these laws are established, then cooperation from relevant institutions such as hospitals, the police, court offices, and others involved in vital data collection, will become an inescapable obligation. In addition, the responsibility of vital event reporting and registration will, as much as possible, be removed from the public and placed in the hands of the officials who have been made aware of their occurrence. This is especially important in the case of sudden and violent deaths, the registration of which is often delayed due to the usually lengthy legal process. This process precedes the completion of the Post Mortem Examination Report, Form D (Certificate of Coroner) or Form E (Coroner’s Certificate of Finding of Jury), either one of which is required in the registration of these deaths.

Statutory change can also alleviate the described problem with sudden and violent death registration delay, by either hastening the required legal process required before registration or by circumventing the process in the achievement of full death registration.

Whatever the ultimate action taken, the changes will certify that the timely registration of all deaths will be an automatic action.

Further improvements in the 2003 report:

For the 2003 Annual report the following are new additions to the range of tables already reported on in reports for previous years:

Births

Table 9b Live Births Occurring in 2003 by Age of Mother and by Parish of Residence of Mother

Deaths

Table 15e Female Deaths Showing Major Categories by Cause and Age (5 - 100 years) for 2003

Table 15f Male Deaths Showing Major Categories by Cause and Age (5 - 100 years) for 2003

Table 15g Male and Female Deaths Showing Major Categories by Cause and Age (5 - 100 years) for 2003

Marriages

Table 18a Marriages by Joint Age of Groom and Age of Bride for 2003

Definitions

In order to facilitate consistency in comparison and analysis of data used in the Annual Vital Statistics Reports, the following commonly used terms are defined below:

Births Registered	All live births registered during the current calendar year. (Irrespective of year of occurrence.)
Births Occurring	All live births occurring in the current calendar year. (Irrespective of year of registration and as at the time of compilation of the report.)
Deaths Registered	All deaths registered in the current calendar year. (Irrespective of year of occurrence.)
Deaths Occurring	All deaths occurring in the current calendar year. (Irrespective of year of registration and as at the time of compilation of the report.)

POPULATION

The mean population of Jamaica increased in 2003 from the previous year's total of 2,617,459 to 2,630,371, which was an increase of 12,912 or 0.5%. The population growth rate increased from 0.4% in 2002 to 0.6%, the rate of growth experienced for each of the three years 1999 to 2001.

OVERVIEW OF VITAL STATISTICS

BIRTHS - Occurring and Registered

The total births registered in 2003 decreased by 521 or 1.1% from 48,104 in 2002 to 47,583. Births occurring in the year also decreased from 44,331 to 43,407, a magnitude of 924 or 2.1%. The near 50:50 gender ratio was maintained in the current year as was observed for the previous year.

Births In and Out of Wedlock

The island's rate of births occurring in and out of wedlock was unfavourably up by 1.4% from 82.2% in 2002 to 83.6% in 2003. In addition, the percentage of fathers who did not have their particulars entered on their child's birth registration was also unfavourably high at 45.8%, up from the previous year's corresponding value of 44.4%.

Deliveries in Institutions

The percentage of institutional deliveries for 2003 was recorded as being 95.7%, which indicated an increased proportion over the previous year's percentage of 93.4% for these deliveries. Percentage births attended to by qualified attendant also increased from 95.4% in 2002 to 97.2% in 2003.

Timing of Registrations

With respect to time of registration, undesirable trends were also observed in the current year. From 2002 to 2003, births registered in the same month of occurrence declined from 43.7% to 39.8% and delay in registration increased from 11.8% to 15.7%.

Teenage Births

The rate of teenage deliveries or deliveries to mothers nineteen years and under decreased slightly from 19.9% to 19.4% in the current year. As has been the trend in past years, the most fecund age group overall continued to be the 20-24 year old age group.

DEATHS

Total deaths registered in 2003 did not differ significantly from that in 2002; 14,931 in 2002 compared to 14,939. Deaths recorded as occurring in 2003 increased to 14,667 from the total 14,042 in 2002. Regarding place of death, the overall percentages for each category for the island were 46.6% in public institutions, 3.4% in private institutions and the remaining 50.0% in other places.

By gender, adult male deaths accounted for 49.6%, adult female for 46.2%, infant male for 2.3% and infant females for 1.9% of all deaths registered in 2003.

The three leading causes of deaths in adults continue to be “Cerebrovascular Disease”, “Diabetes Mellitus” and “Ischaemic Heart Disease”.

MARRIAGES

Marriages registered in 2003 decreased by 594 or 2.6% to 22,476 compared with 23,070 in 2002. Hotel marriages also decreased minimally from 10,580 (45.9%) to 10,037 (44.7%). By proportion, the leading parishes for hotel marriages were St. Ann, Hanover and Westmoreland.

DIVORCE

Divorces absolute totalled 1,600 in 2003, a decline of 145 or 8.3% from the total of 1,745 recorded in 2002.

POPULATION

At the end of 2003 the population for Jamaica stood at 2,628,300 compared with 2,622,500 for 2002. The corresponding mean population for the years 2003 and 2002 was 2,630,371 and 2,617,459 respectively. (Table 1)

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In 2003 the population growth rate increased from 0.4% in 2002 to 0.6% the rate of growth experienced for each of the three years 1999 to 2001.

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A brief summary of the dispersion of the population according to the Ministry of Health's Regional classification showed that at the end of 2003, the South Eastern Region consisting of Kingston, St. Andrew, St. Catherine and Portland, accounted for almost half (1,234,676) of the country's population or 46.8% of the total. This is the general pattern observed over the past several years and is consistent with the fact that the more densely populated metropolitan parishes of Kingston, St. Andrew and St. Catherine are in this region. At the end of 2002 and 2001, the population of this region was 1,227,260 (46.8%) and 1,227,265 (47.0%) respectively.

The regions following the South Eastern Region with respect to end of year population for 2003 were Southern (Manchester, Clarendon, St. Elizabeth):578,114 (21.9%), Western (St James, Trelawny, Hanover and Westmoreland): 461,400 (17.5%) and North Eastern (St. Ann, St. Mary and Portland) 364,086 (13.8%). In respect of regional population data for the previous year there were no significant changes.

In addition to observation of absolute values for live births, deaths, marriages and stillbirths, it is useful to consider the corresponding rates for these parameters which are shown in Table 2. In respect of live birth rates per population, the leading parishes in ascending order are Manchester (29.0), St. James (24.8) and St. Ann (23.8). In respect of deaths, Kingston and St. Andrew and Manchester show the highest death per population rate of 7.5 followed by St. Thomas with 6.4. The average rate per thousand deaths for all remaining parishes is 5.5. As is expected the parishes with major hotel resorts recorded the highest rates per population for marriages: St Ann with 25.4, Hanover, 25.1 and St. James, 23.5.

In respect of stillbirths per thousand live births, Manchester showed the highest rate 24.6 followed by St. Ann with 21.3 and 17.8 for the combined parishes of Kingston and St. Andrew.

(Table 2)

Crude Live Birth Rates

The Crude Birth Rate (CBR) for 2003 was 18.1. This showed a marginal decrease of 0.3 from the 18.4 experienced for the previous year. The Crude Birth Rate of Jamaica has been showing a general declining trend since 1997. This decline was evident for every

year except in 1999 and 2000 when both years experienced a rate of 20.8. The crude birth rate fell from 23.0 in 1996 to 18.1 in 2003 with a high of 23.4 in 1997 and a low of 18.1 in 2003.

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BIRTHS

Live Births Registered

In 2003 live births registered decreased by 521 to 47,583, compared with 48,104 in 2002. The month of January was responsible for the highest number of registrations for 2003, contributing 5,327 or 11.2% to the total number of live birth registrations. The months which recorded the second and third highest live birth registration were February and September with 4,569 (9.6%) and 4,217 (8.9%) respectively.

A similar situation prevailed in 2002 when the month of January contributed 5,432 or 11.3% of that year's live birth registrations. The months recording the second and third highest registrations, however, were November and December with 4,334 (9.0%) and 4,304 (8.9%) respectively.

On the parish level, the top three leading parishes for number of live birth registrations in 2003 were Kingston 9,937 (20.9%), St. Catherine 6,159 (12.9%) and Manchester 5,534 (11.6%). In 2002, these same parishes were the three leading parishes for live birth registrations. Hanover, the island's smallest parish accounted for the least live birth registrations for 2003 and 2002. Number of live births for the parish were 549 (1.2%) and 614 (1.3%) for 2003 and 2002 respectively. (Table 3a)

Regions

In respect of a regional summary of the contribution to total live birth registrations, in 2003 the South Eastern Region, as has been the trend, contributed the most live birth registrations with 21,273 or 44.7%. The remaining three regions' contributions were as follows: Southern Region with 10,595 or 22.3%, the Western Region with 8,817 or 18.5% and the North Eastern Region with 6,898 or 14.5%.

Although a similar trend prevailed in 2002 with the maximum contribution from the South Eastern Region (20,234), the percentage contribution increased by 2.6% , moving from 42.1% in 2002 to 44.7% in 2003. The Southern Region contributed 11,131 (23.1%), Western 9,690 (20.1%) and North Eastern 7,049 (14.7%). Table 1C and 3B

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Live Births Occurring

Live births occurring in 2003 totalled 43,407. This is a decrease of 924 or 2.1% in the 44,331 total for 2002. In 2002, the live births occurring had declined by 3,734 or 7.8% from the 48,065 recorded in the previous year. The decline from 2001 to 2003 is of a 4,658 absolute or 9.7% magnitude.

Trends for regional performance for live births occurring were comparable to those for live birth registrations. In 2003, the South Eastern Region contributed the most with 19,039 or 43.9%, Southern Region, 9,845 or 22.7%, Western Region, 8,424 or 19.4% and North Eastern Region with 6,099 or 14.0%. For 2002, South Eastern had 18,584 (41.9%), Southern, 10,311 (23.2%), Western, 9,157 (20.7%) and North Eastern, 6,279 (14.2%). The live birth occurrences for 2001 were for the South Eastern Region, 22,648 (47.1%), Southern, 10,254 (21.3%), Western, 9,235 (19.2%) and North Eastern, 5,928 (12.4%).

The months with the most occurrences differed slightly from year to year. In 2003, the three leading months were October, January and November with 4,197 (9.7%), 4,147 (9.6%) and 4,025 (9.3%) respectively. In 2002 they were September, January and December with 4,339 (9.8%), 4,234 (9.6%) and 4,127 (9.3%) respectively. In 2003, however, January, October and November lead live birth occurrences with 5,581 (11.6%), 4,930 (10.3%) and 4,544 (9.5%) respectively.

Kingston, St. Catherine and Manchester were again the same parishes that led live birth occurrences as was observed with live birth registrations for 2003, 2002 and 2001. For these years, the parishes contributed the following to the total figure in each year for occurring live births: Kingston – 8,666 (20.0%), 7,226 (16.3%) and 10,343 (21.5%); St. Catherine – 5,590 (12.9%), 6,252 (14.1%) and 7,520 (15.6%) and Manchester – 5,169 (11.9%), 5,310 (12.0%) and 5,697 (11.9%) for 2003, 2002 and 2001 respectively. The parish with the least occurrences was again Hanover with 517 or 1.2% of the live birth occurrences in 2003. In 2002, it had 541 or 1.2% and in 2001, 638 or 1.3%.
(Table 3)

Male : Female Ratios

In 2003 the male:female ratio for live birth registered remained unchanged for the previous year at 51: 49. In 2003 there were 24,235 males and 23,347 females while for 2002 there were 24,565 males and 23,539 females. (Table 3b)

In respect of live birth occurrences, in 2003 the male:female ratio was the same at 51:49 and although the absolute values decreased marginally over those for 2002 the ratio remained constant. In 2003 there were 22,134 males and 21,272 females compared with 22,702 males and 21,629 females in 2002. (Table 3c)

Of note, also, is the occurrence of one live birth for which the information for the sex could not be obtained.

Portland deviated the most from the 51:49 male to female ratio for both live birth registrations and occurrences in 2003. The ratio for occurrences was 54:46 while that for registrations was 55:45. In 2002, although Portland maintained the greatest deviation from the ratio of 51:49, the ratio experienced for both registrations and occurrences converged at 53:47

The male to female ratios for registrations and occurrences by parish of residence of mother generally show the same trend by parish as observed for the ratios by parish of occurrence and registration.
(Table 3d and 3e)

Father's Registration - Births Occurring In and Out of Wedlock

In the year under review, of the 43,407 live births occurring, 7,107 (16.4 %) were born in wedlock while a total of 36,300 (83.6%) were born out of wedlock. A reduction of 803 (10.2%) to 7,373 was experienced for births occurring out of wedlock compared to 7,910 in 2002. However, births out of wedlock increased by 121 to 36,300. In 2002, live births in wedlock accounted for 7,910 (17.8%) of the total and those out of wedlock 36,421 (82.2%).

During the current year, of the 36,300 live births out of wedlock, 16,433 of these were to fathers who had their particulars entered on the birth registration form (father registered). This figure represents 37.8% of all live births that occurred. The remaining 19,867 were to fathers who did not have their particulars entered on the birth registration form, and represents 45.8% of all live birth occurrences. Of note also is the fact that of the 16,433 live births occurring to registered unwed fathers, 16,280 (99.1%) were to fathers registering on signature, otherwise known as "A and B registration". The remaining 153 or 0.3% were registered on Declaration or "Status".

A "registration on signature" or the "A and B" registration is one where the parents of the child are not married (to each other) and both appear together at the time of registration to give their particulars and sign the birth registration form. A birth registered on Declaration is where the parents are not married and only the mother appears at the time of registration to give particulars and sign the birth registration form. Subsequent to this, the father would then attend the Registrar to add his particulars to the child's birth registration form consequent upon him signing a completed Declaration of Paternity or Status Form. This would be known as the Declaration or Status Registration.

In 2002, of the 44,331 live births occurring 36,421 (37.8%) were born out of wedlock and 16,752 of these fathers accepted paternity for their children by entering their particulars on the birth registration record. The remaining 19,669 (44.4%) were to fathers who were not registered. Of the total number of unwed fathers being registered 15,887 were

registered on signature and 865 were registered on Declaration. These represented 35.8% and 2.0% of all live birth occurrences respectively. (Table 4)

Institutional Deliveries

Institutional deliveries for 2003 increased slightly to 41,535 up from 41,399 in 2002. This was a positive situation as the improved health care augurs well for the nation's infant mortality rate. This positive situation was further strengthened by the simultaneous decline in deliveries occurring outside of institutions. Of the 41,535 deliveries, 39,523 were in public institutions and 2,012 were in private institutions.

Additionally, the total number of qualified attendant such as medical doctors, nurses or midwives, decreased in 2003 to 42,181 (97.2% of total live births) from 42,291 observed in 2002. Doctors accounted for 18.1% (7,855) and registered midwives (or nurses) for 79.1% (34,326). Births attended to by unqualified attendant declined in 2003 to 1,177 representing 2.7% of total live births occurring. The qualifications of the persons attending to the remaining 49 or 0.1% live births are unknown.

In 2002, doctors delivered 7,373 or 16.6% live births, registered midwives or nurses were the sole attendant for 34,918 or 78.8% of all live births, 1,943 or 4.4% were attended to by unqualified personnel and 97 or 0.2% of the live births were attended to by persons of unknown qualification. The total number of live births attended to by qualified attendant in 2002 was 42,291 or 95.4%. (Table 5)

Timing of Registration

It is important to establish for any set of vital data, the overall extent of delay in registration, as this assists in measuring the relevance of data reported on the basis of registration date. Table 6 presents this information as it shows the number of births in the current year that were registered in the same month in which it occurred. Additionally, it gives data on births registered within the "normal" one-year period (during which a registration is not deemed to be late). It segregates these "normal" one-year registrations into those registered within three (3) months of birth and those registered over three months but under the one-year period of allowance.

Live births registered within the same month of occurrence declined in 2003 by 2,243 showing a total of 17,292 compared with 19,535 in 2002. These "same month" registrations accounted for 39.8% and 43.7% of total live births occurring in 2003 and 2002 respectively.

Delay in registrations under one year and over three months increased from 5,221 (11.8%) in 2002 to 6,809 (15.7%) in 2003.

St. Catherine had the highest level of delay in registration with a percent delay for the "over three months" category of 40.3% in 2003. Kingston, Clarendon and St. Mary recorded delays of 35.6%, 14.1% and 11.4% respectively. The four parishes of St.

Catherine, Kingston, Clarendon and St. Mary accounted for 88.1% (6,000) of all registrations which were not effected until three months after the occurrence. In 2002 these same parishes were responsible for 74% (3,864) of all delays (5221) in the “over three months” category.

(Table 6)

Of the total live births registered in 2003, 37,070 occurred in the current calendar year. The remaining 10,513 had occurred in previous years.

In respect of the level of concurrence in year of registration and year of occurrence, St. Thomas had the highest with 92.5% of its total registrations occurring in 2003. Following were Portland and St. Andrew with 90.0% and 89.4% respectively. On average, the island had 77.9% of its registrations occurring in the current calendar year.

(Table 6a)

Mother’s Residence

The majority of the data in this report is presented by parish of registration or parish of occurrence of vital event. It is often useful, however, to take into account live births by the parish of residence of the mother, especially when a large number of mothers in any particular parish travel to another parish to have their babies delivered. This is often observed in Jamaica and is seen distinctly in Table 7 and 7a.

St. Andrew was the parish of residence for the largest group of mothers delivering live births in 2003, with a total of 7,747 or 17.8% of the 43,403 births. St. Catherine was next with 7,378 or 17.0% of the live births and then Clarendon with 4,247 or 9.8%. As expected, Portland had the least number of mothers residing there with 1,259 or 2.9% of the total live births.

In 2002, St. Catherine was the parish that most mothers resided in with 7,821 or 17.6% of total live births occurring. Next was St. Andrew with 7,263 or 16.4% and Clarendon in third again with 4,463 or 10.1%. The lowest level of maternal residency was in Portland with 1,313 or 3.0%. The order was the same in 2001 with St. Catherine at 9,205 (19.2%), St. Andrew with 9,057 (18.8%) and Clarendon, 4,361 (9.1%); Portland had the lowest with 1,360 (2.8%).

Looking at the cases for 2003, where the mother resided and had her baby in the same parish, it is observed that seven parishes, St. Catherine, St. Thomas, Portland, Hanover, Trelawny, Clarendon and St. Elizabeth, had over 90% concurrence. The parishes that deviated significantly from this trend included Kingston with 21.9% concurrence, St. Andrew with 65.5% and Manchester with 55.0%.

The same general trend was seen in 2002 and 2001, with the same seven parishes, as mentioned above, having over 90% concurrence between parish of occurrence and parish of residence and Kingston, St. Andrew and Manchester deviating from this with

concurrency percentages of 19.2%, 66.5%, 55.5% and 19.4%, 66.6%, 54.6% for 2002 and 2001 respectively.(Table 7 and 7a)

Birth Outcomes

In Table 8, further details on live births occurring in 2003 are given on gender outcome, births in and out of wedlock and institutional births by quarter of occurrence. Additionally, live birth outcome is presented in the same format. In the current year, it is observed that there were 42,541 single births, 439 twin births and 6 triplets. This is compared to the previous year's corresponding figures of 43,480 singletons, 421 twins and 3 triplets. In comparison to 2001, however, 2002 decreased slightly from the corresponding values of 47,127 singletons, 463 twins and 4 triplets.

In 2003 the percentage of singleton births was 98.96%, twin births was 1.02% and triplet births was 0.02%. In 2002 and 2001, the respective corresponding percentages were: 99.03%, 0.96%, 0.01% and 99.02%, 0.97%, 0.01%.

Overall, it is notable that the quarter with the highest number of live birth occurrences was the last quarter, October to December, with 12,041 in total. The lowest level of occurrence was in the April to June quarter with 9,441 births.
(Table 8)

Age Groups

The most fecund age group for 2003 was the 20-24 year old with 11,954 or 27.5% of the total live births. Next came the 25-29 group with 9,362 or 21.6% and the 15-19 with 8,110 or 18.7%. It was a similar observation for 2002 and 2001 when the top three age groups were also the 20-24, 25-29 and 15-19 year categories with the following respective absolute and percentages values: 11,570 (26.1%), 10,009 (22.6%), 8,505 (19.2%) and 12,828 (26.7%), 10,871 (22.6%), 9,479 (19.7%).

As is expected, the larger the magnitude of the live birth order, the smaller the number of live births overall. In the current year this is demonstrated by the live birth totals for 1st, 2nd, 3rd 4th and 5th order live births having the values 15,022 (34.6%), 10,975 (25.3%), 7,241 (16.7%) 4,465 (10.3%) and 2,621 (6.0%) which totalled 40,324 or 92.9% of all live births. This was a minimal increase over the previous year's corresponding figures of 40,922 births or 92.3%.

The highest live birth order recorded for 2003 were for two children being born 15th to mothers in the 40-44 year age group. This compares favourably with 2002, when one mother in the 35-39 age group had her 17th child. In 2001, two mothers (35-39 and 40-44 years), had their 14th child.

In the current year, the 15-19 age group was the largest category having their 1st child with 6,430 or 42.8% of the 1st born birth order. For 2nd born, the largest group was the 20-24 with 4,188 or 38.2%. The 25-29 and 30-34 age groups had the highest number of

births in the 3rd and 4th live birth order categories with 2,220 (30.7%) and 1,407 (31.5%) respectively. There was a similar trend observed in 2002, when the same age groups led each live birth order category with the following values: 6,606 (44.3%), 4,089 (36.7%), 2,323 (31.3%) and 1,557 (33.2%) for 15-19, 20-24, 25-29, 25-29 age groups respectively.

Looking at age of mother by parish of occurrence of live birth in Table 9a, as seen in 2002, St. Andrew was the only parish with its largest number of live births being to the 25-29 age group of mothers with 934 births occurring in this parish or 28.0% of the parish's total. All the other thirteen parishes had their largest age group as the 20-24 age group. When the parish of residence is considered in Table 9b, however, a different pattern is observed as all fourteen parishes have their largest age group as the 20 to 24 age group.

(Table 9, 9a and 9b)

Teenage Deliveries

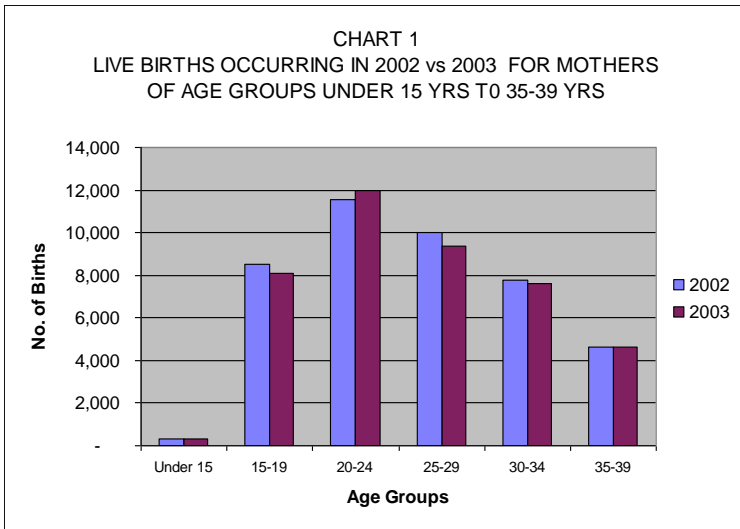
As can be seen from Table 9, there were 311 births to mothers under 15 years old and 8,110 to mothers 15 to 19 years old. In total these accounted for 8,421 or 19.4% live births to mothers 19 and under. This is a minimally desirable trend when compared to that for 2002 when these values were 303 births to mothers under 15 years, 8,505 to those 15 to 19 years and in total 8,808 or 19.9%. It was also an even further improvement over 2001, which had values of 338 for under 15 years, 9,479 for 15 to 19 years and in total 9,817 or 20.4%.

Another noteworthy observation is that the largest number of live births occurring in a single cohort for the age group / live birth order cross-tabulation was for 15 to 19 year old mothers having their first child. This figure stood at 6,430 or 14.8% of all live births occurring. This also compares favourably with statistics for 2002 and 2001 with 6,606 (14.9%) and 7,395 (15.4%) respectively.

Turning to the mothers' age group by parish of occurrence and parish of residence, interesting patterns are seen. By parish of occurrence, the largest absolute number of births for mothers 19 years and under occurs in Kingston with a total of 1,834 or 21.2% of that parish's occurrences. By parish of residence, however, St. Andrew has the largest number of live births for 19 years and under with 1,385 occurrences or 17.9% for that parish.

The highest magnitude of births to mothers 19 and under by proportion or percentage of parish total by parish of occurrence, however, revealed a different parish, that of Trelawny with 174 or 23.0% of the parish total. By parish of residence, it was also another parish, being Westmoreland with 620 or 22.9% of parish total.

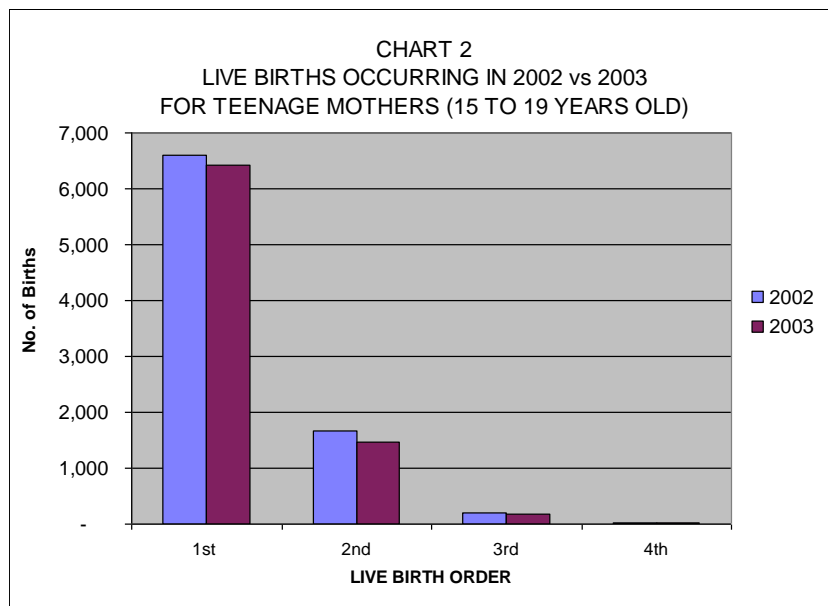
(Table 9, 9a and 9b)



In Chart 1 to the left, total live births is shown for the six age groups, which largely form a part of the fertile period, under 15, 15-19, 20-24, 25-29, 30-34 and 35-39 years. For these age groups, a comparison of 2002 and 2003 shows that there were increases for the under 15 and 20-24 age groups. Conversely, the other age groups showed decreases from 2002 to 2003. Table 9 can be referred to for the

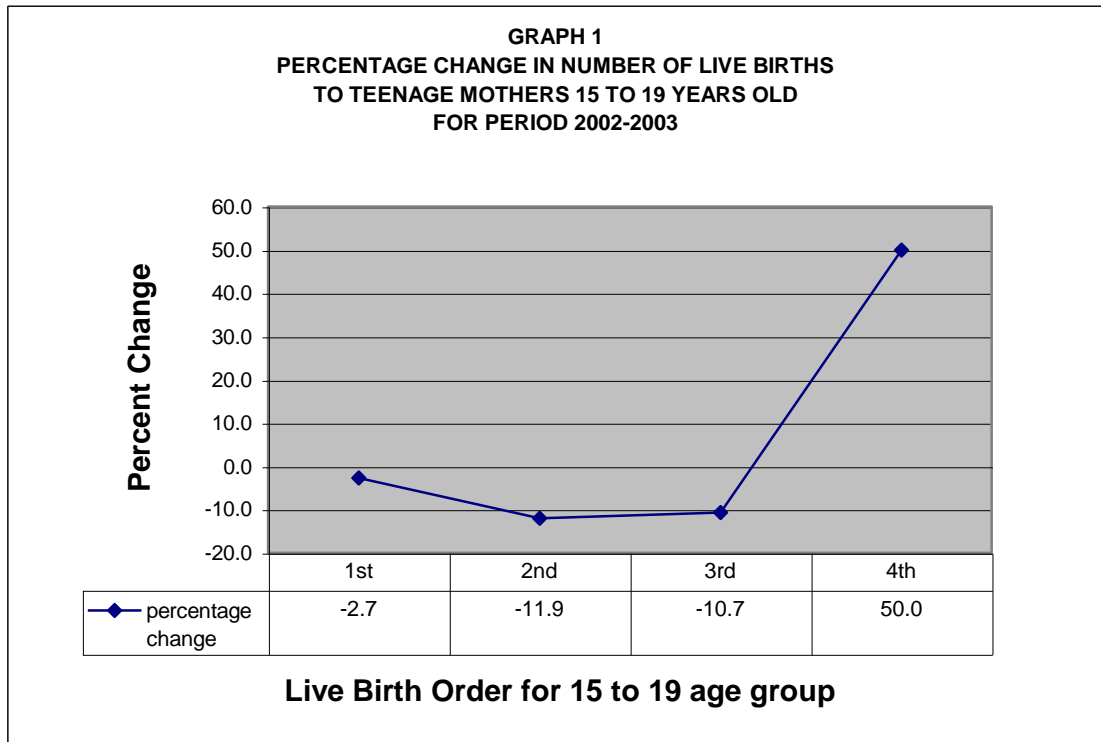
absolute values. From Chart 1 also, it can be observed that from the low number of total live births to mothers under 15, there is a sharp increase to the 15-19 age group, where it is just above 8,000. Then there is another increase to the 20-24 group, where it reaches a high of about 12,000. There are then steady decreases from this group to the 25-29 with around 10,000, then to 30-34 with approximately 8,000 and finally to the 35-39 group with above 4,000.

Chart 2 shows live birth totals for the 15-19 age group for each live birth order up to the fourth born in the group. For first order births, it is observed that this total lay between the 6,000 and 7,000 marks. The Second order teenage birth total was far less at midway the 1,000 and 2,000 marks. Third order birth was about one fifth above the zero mark. The fourth order birth total was negligible and not observable on the chart.



From year to year, the 2002 to 2003 comparison live births to the 15-19 year age group having their first-born and second-born decreased slightly. For third and fourth order births, there were generally negligible differences in their totals.

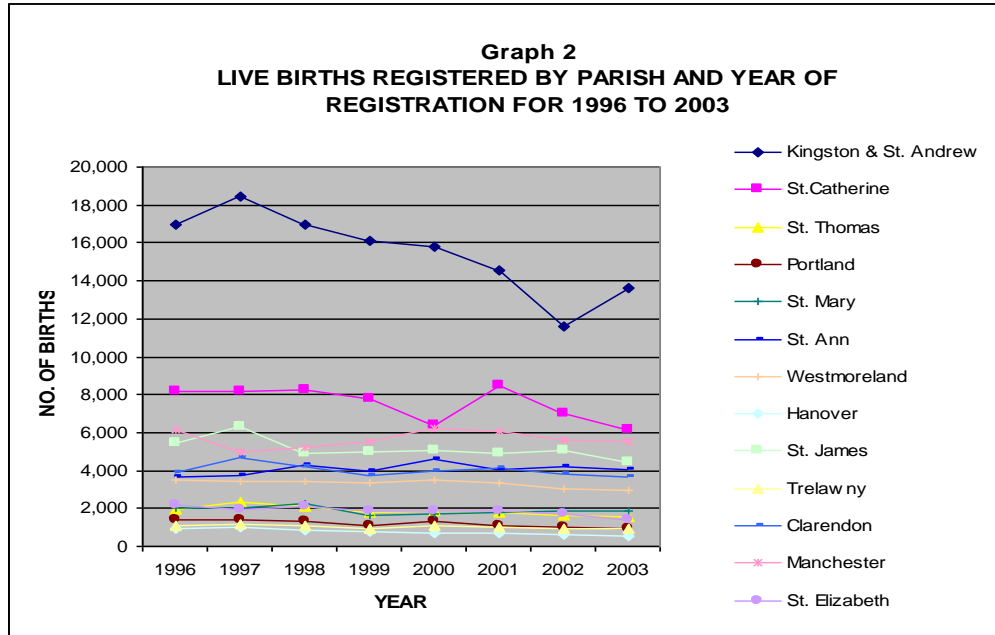
In the accompanying Graph 1, the percentage change in number of live births to teenage mothers or mothers 15 to 19 years from 2002 to 2003 are shown for each live birth order up to the fourth born. Observation and interpretation of the graph reveals that the live birth total for 15 to 19 year old mothers having their first-born experienced a decrease of 2.7% from 2002 to 2003. For the second and third born group, there were also decreases of 11.9% and 10.7% respectively from 2002 to 2003. The total for fourth born, however, increased significantly by 50.0% for the same year's period.



Eight-year trend 1996-2003

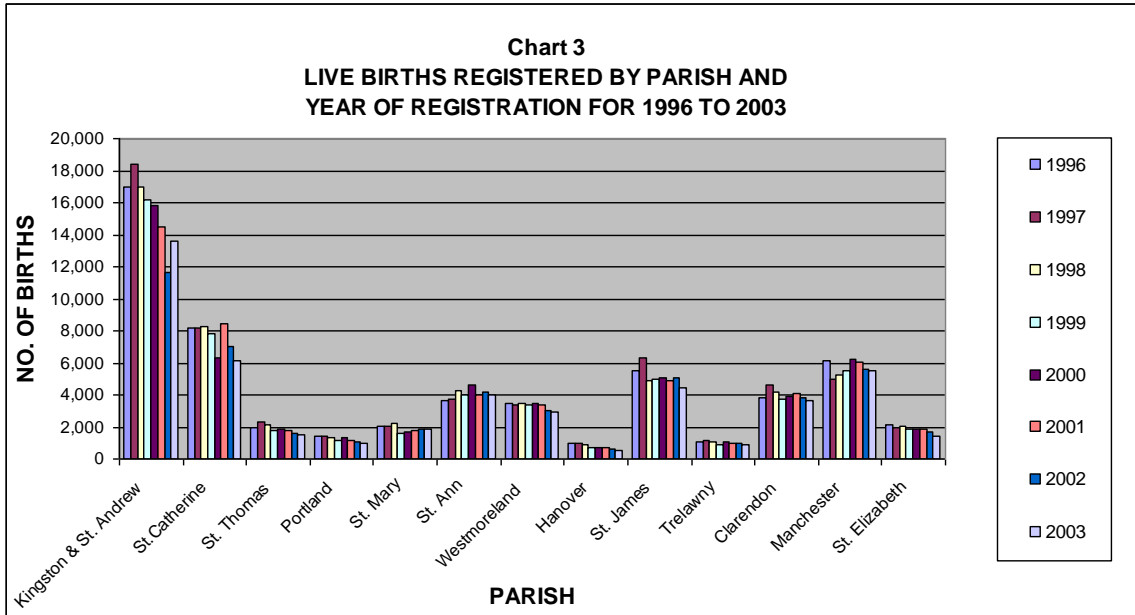
As shown in the following table and accompanying graphs and charts, there has been a general trend of decline from 1996 to 2003. There was a decrease in every year excepting for 1997 and 2000 when total live birth registration increased. By absolute and percentage measures, the greatest level of decline was observed in 2002, when live births decreased by 5,555 or 10.4%. The overall reduction in the live birth total was from 57,390 to 47,583, a fall of 9,807 or 17.1%.

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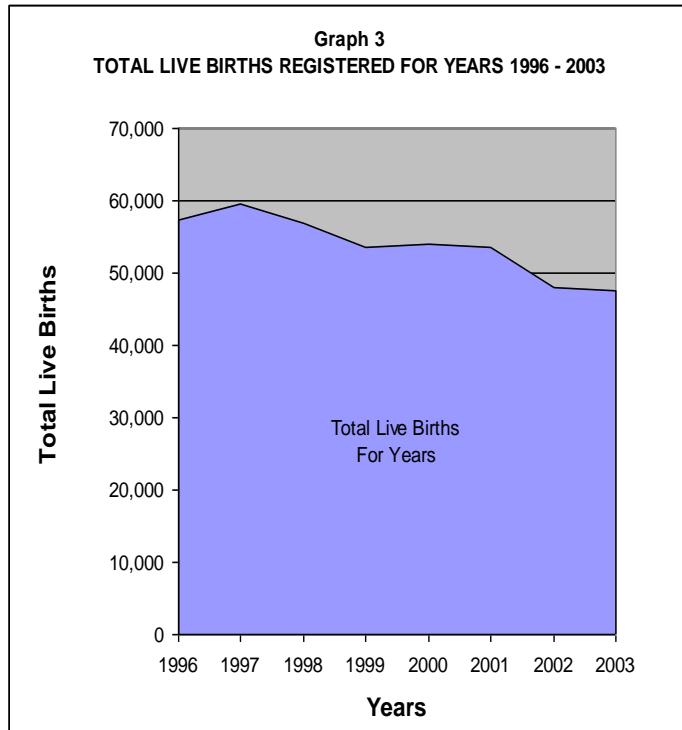


In Graph 2, the parish trends are seen for the eight-year period and all parishes are seen to fluctuate. For the overall period of 1996 to 2003, all parishes declined except St. Ann, which increased from 3,651 to 4,040, an increase of 389 or 10.7%. The largest absolute decline from 1996 to 2003 was in Kingston and St. Andrew, which fell by 3,407 or 20.1%. The smallest absolute and percentage decline was experienced by St. Mary, which fell by 156 or 7.6%. Conversely, the largest percentage declines were seen in Hanover and St. Elizabeth, which decreased by 387 (41.3%) and 737 (33.9%) respectively.

In Chart 3 below, live births are represented by years for each parish for the eight-year period being observed. We see that Kingston and St. Andrew attained a high of over 18,000 in 1997 and a low of under 12,000 in 2002. For St. Catherine, the highest number of live birth registrations was recorded in 2001 at just over 8,000 and its lowest record in 2003 at just over 6,000. Manchester had its highest number of live birth registrations in 2000 at over 6,000 and its lowest in 1997 at about 5,000. The other parishes of note, Portland, Hanover and Trelawny, all fell at or below the 1,000 mark for all years.



Graph 3 shows total live births registered for each year from 1996 to 2003. Here the general decline through the eight years is seen along with the marginal increases in 1997 and 2000. Sharp reductions are also seen in 1999 and 2002. Total live births in 1996 stood at 57,390. It increased minimally to 59,446 in 1997 but declined to 56,937 and 53,627 in 1998 and 1999 respectively. In 2000 it recovered to 54,035 but again declined marginally in 2001 to 53,659. In 2002 a further decline was experienced when births registered were 48,104. In the current year, there is a minimal decline to 47,583 births.



DEATHS

Deaths Registered

During 2003 a total of 14, 939 deaths were registered which is similar to the previous year's total registrations of 14,931. This latter total was, however, a moderate decrease of 1,273 or 7.8% on the 2001 total registrations of 16,204.

Consistent with the trend for population and live birth data, the South Eastern Region led the regional count in respect of death registrations. This region accounted for 7317 (49.0%) of the 2003 death registration total. The Southern, Western and North Eastern regions accounted for 3, 139 (21.0 %), 2,468 (16.5%) and 2,015 (13.5%) respectively.

The regional pattern for the two previous years, 2002 and 2001, were no different with the four regions in order of total deaths registrations, from the largest to the smallest were South Eastern, Southern, Western and North Eastern. In 2002 these respective totals were 6,929 (46.4%), 3,343 (22.4%), 2,540 (17.0%) and 2,119 (14.2%). In 2001 the respective totals were 7,474 (46.1%), 3,493 (21.6%), 2,955 (18.2%) and 2,285 (14.1%).

Predictably, the three leading parishes with respect to total deaths registrations in 2003 were the urban centres of St. Andrew with 2,621 (17.5%), Kingston with 2,286 (15.3%) and St. Catherine with 1,821 (12.2%). Other parishes which had significantly high death registrations included Manchester with 1,432 (9.6%), Clarendon with 1,022 (6.8%) and St. James with 1,001 (6.7%). In 2002, while these same three parishes accounted for the majority of death registrations the picture was slightly different as Kingston had the most death registrations of 2,314 (15.5 %) followed by St. Andrew and St. Catherine at 2,222 (14.9%) and 1,800 (12.1%) respectively. For 2001, the top three parishes were also the same, however, with St. Andrew leading at 2,673 (17.9%), then Kingston at 2,260 (15.1%) and St. Catherine at 1,961 (13.1%).

With regard to monthly death registrations in 2003, January recorded the most, registrations of 1,560 representing 10.4% of the year's total. December with 1,350 registrations or 9.0% was next. February had 1294 or 8.7%.of total registrations and was the month that recorded the third highest registrations In the previous year, January had also been the leading month with 1,492 (9.9%), however the months following were July with 1,407 (9.3%) and October with 1,293 (8.6%). For 2001, January led with 1,633 (10.8%), July also had the second highest number of death registrations with 1,490 (9.9%), but the month following was June with 1,476 (9.8%). (Table 10 a)

Crude Death Rate

The island's Crude Death Rate in 2003 remained unchanged from the 5.7 recorded in 2002. Since 1999 the Crude Death Rate has steadily declined from an high of 6.7 to its current rate of 5.7. The table below reveals the trend in Crude Death Rates over the eight-year period of 1996 to the current year.
(Table 1E)

TABLE 1 E: Crude Death Rate for 1996 to 2003

Years	1996	1997	1998	1999	2000	2001	2002	2003
Rates	6.2	5.9	6.3	6.7	6.3	6.2	5.7	5.7

The CDR is calculated on Deaths Registered

Deaths Occurring

There were 14,667 deaths that occurred in 2003 which indicated a negligible absolute increase of 625 or 4.5% over last year's 14,042. There were 12,903 deaths occurring in 2001, and the increase from 2001 to 2002 was by a substantial 1,139 or 8.8%.

Regional observation over the three-year period show interesting trends. The order by magnitude of occurrences was the customary South Eastern, then Southern, then Western and North Eastern Regions. From 2001 to 2003, however, the South Eastern increased steadily from 6,193 to 6,405 to 7,134, an overall increase of 941 or 15.2%. Turning to the Southern Region, it can be seen that it fluctuated with successive values of 2,577, 3,198 and 3,114, but had an overall increase of 537 or 20.8%. The Western Region on the other hand decreased gradually from 2,451 to 2,426 and finally to 2,436, an overall decrease of 15 or 0.6%. The North Eastern, like the Southern Region, also fluctuated, with absolute values of 1,682, 2,013 and 1,983, which indicates an overall increase of 301 or 17.9%.

The months recorded as having the most occurrences of death in 2003 were January, December and March with 1,451 (9.9%), 1,331 (9.1%), and 1,257 (8.6%) respectively. In 2002 July, October and April were the leading months with 1,369 (9.7%), 1,262 (9.0%) and 1,216 (8.7%) respectively. For 2001 January, July and June were the top three months with 1,289 (9.2%), 1,213 (8.6%) and 1,208 (8.6%) respectively.

(Table 10)

In addition to the total deaths occurring of 14,667 data provided by the Police showed 1,560 sudden and violent deaths reported during 2003. A combination of these data (minus matches in both) shows total occurrences of deaths at 16,036. Further analysis of the information provided by the Police appears below under the section – “Deaths Reported by the Police”.

(Tables 15 h to 15l)

Types of Certification

All deaths that occur in Jamaica or in Jamaican waters must be certified by a recognised medical officer, doctor or pathologist. This certification must also take the form of a properly completed and signed document before the death can be completely registered by the Registrar General's Department. The documents that must accompany all legitimate death registrations must be a Medical Certificate of Cause of Death, Post

Mortem Examination Report, Certificate of Coroner (Form D) or Coroner's Certificate of the Findings of the Jury (Form E).

The Medical Certificate is normally completed by a medical doctor or officer who had been overseeing the care and/or treatment of the deceased and had last done so no more than six months before death had occurred. The essential purpose of the Medical Certificate is that the officer who completes and certifies it is certain of the cause of death of the deceased that he or she enters on it. If, for instance, someone was recently under the care of a physician and then died unexpectedly or suddenly, the physician might be in some doubt as to whether the morbid or disease condition, which he or she knows to have been attending the deceased prior to death, really was sufficient to cause the demise. In this case, a post mortem may become necessary.

Sudden and Violent Deaths

This brings to attention a special group of deaths as the name suggests, are those in which the person dies suddenly or unexpectedly, such as in the case described immediately above and also accidental deaths. Violent deaths are those occurring under criminal circumstances. All such deaths deemed to be "sudden" or "violent" fall under the jurisdiction of the law and require that a pathologist or equivalent officer perform a post mortem examination. From this examination, the Post Mortem Examination Report is completed and issued. Usually from this Post Mortem Examination Report, a Certificate of Coroner or Form D is completed, authorised by the Coroner's Court. In cases where culpability of a crime must be investigated, then a Form D will be issued in the interim showing the cause of death. However, after a Coroner's Inquest is complete then a Coroner's Certificate or Form E is issued. The category "Uncertified Death" speaks to those death registrations, most of which are incomplete, that have no associated document as previously described. Due to the delay in obtaining the Post Mortem Examination Report, Form D or Form E in some "sudden and violent death" cases, the process known as "incomplete death registration" has evolved in response to this problem. Upon receipt of the proper supporting document for the death from the prescribed authorities, the registration is then completed.

In 2003, there were 12,703 deaths registered from the Medical Certificate of Cause of Death. This accounts for 85.0% of all death registrations. Post Mortem Examination Reports were used to certify 540 or 3.6% death registrations. Form Ds accounted for 423 or 2.8% death registrations and Form Es were used for 189 or 1.3%. The remaining 1,084 or 7.3% were uncertified deaths.

(Table 11)

Place of Death

It is often useful to consider place of death when observing death statistics. Conventionally, this publication categorises place of death of deceased as Public hospital, Private hospital or Other. A public institution is defined as any institution which under

the direction or control of the Jamaican government. A private institution is any institution that does not fall under the direct auspices of the Jamaican government. Other refers to any other place not defined to be a public or private institution.

By itself, Kingston has the highest absolute and percentage values for public hospital deaths, with 1,864 or 81.5% of its deaths. The highest absolute and percentage deaths in private institutions were also in Kingston 170 or 7.4% of its deaths. St. Elizabeth, however, had the highest percentage deaths in other places at 531 or 77.5% while St. Andrew had the highest absolute value for deaths in other places at 1,202 or 45.9%.

On average, parishes had 46.6% of their deaths in Public institutions, 3.4% in Private institutions and 50.0% in other places. For the South Eastern Region the corresponding absolute and percentage values were 4,191 (57.3%), 343 (4.7%) and 2,783 (38.0%). The North Eastern Region had absolute and percentage values for Public, Private and Other being 888 (44.1%), 13 (0.7%) and 1114 (55.3%). The Western Region had values of 1,178 (47.7%), 80 (3.2%) and 1,210 (49.0%). The Southern Region had values of 696 (22.2%), 74 (2.4%) and 2,369 (75.5%). Overall, deaths registered in the island had 46.5% occurring in public institutions, 3.4% in private institutions and 50.0% in other places. (Table 12)

Parish of Residence

Nine parishes, namely St. Catherine, St. Thomas, Portland, St. Mary, Westmoreland, Hanover, Trelawny, Clarendon and St. Elizabeth, have over 90% of their deaths being registered in the same parish as the parish of residence of the deceased. The only parish with an extremely low percentage of coincidence between parish of residence and registration was Kingston with 33.2%. (Table 13)

Where coincidence of parish of residence and parish of occurrence is concerned, the identical trend is seen for the nine parishes mentioned above and Kingston has a coincidence of 33.5%. (Table 13a)

Age and Sex Classification

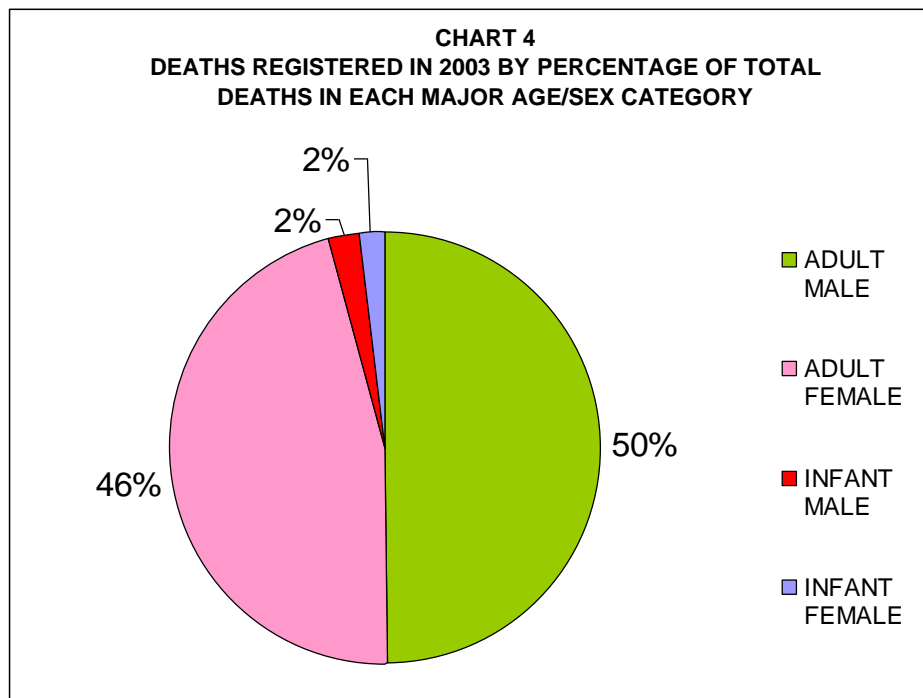
In this publication, the following two terms are frequently used in relation to the mortality age categories reported on: “adult” and “infant”. The term “adult” as used in the context of this publication, refers to all individuals of the age 5 years and over. The term “infant” by international standards usually refers to individuals under 1 year old. For ease of identification in this analysis, however, individuals under 1 year as well as those 1 to 4 years are referred to as “infants”. In Tables 14 to 14b, “infant” and “pre-school” deaths are referred to. Here, infant denotes the traditional “under 1 year” definition while “pre-school” relates to all other individuals in the under 5 age group.

Of the 14,939 deaths registered in 2003, adult males accounted for 7,408 or 49.6%, while adult females accounted for 6,910 or 46.2%, infant males for 341 or 2.3% and infant females 280 or 1.9%. This represents a minimal decrease for adult males of 62 or 0.8% over the previous year's total of 7,470. It also reflects a moderate increase in the adult female total, however, of 113 or 1.6% over the previous year's total of 6,797. Conversely, both the infant male and infant female totals decreased from the 355 and 309 recorded in 2002 by 14 (3.9%) and 29 (9.4%) respectively. The corresponding percentage values, which applied to the adult male, adult female, infant male and infant female values in 2002, were 50.0%, 45.5%, 2.4% and 2.1%.

Adult deaths totalled 14,318 in 2003 while in 2002 it totalled 14,267. This was an increase of 51 or 0.4%. Infant deaths totalled 621 in the current year and 664 in the previous year, a decline of 43 or 6.4%. Of the 14,318 adult deaths, 51.7% were male and 48.3% were female. Of the 621 infant deaths, 54.9% were male and the remaining 45.1% were female.

(Tables 14a, 14b, 15a and 15c)

Chart 4 shows the general age / sex distribution for 2003. Here, it is observed that the general trend among the four age / sex categories remained at the same 50:46:2:2 ratio that was observed in 2002.



Leading Causes

Internationally, causes of deaths are classified under the standard International Classification of Diseases (ICD). The RGD currently uses the latest version ICD-10 in coding cause of deaths.

A significant number of deaths are assigned the “R99” code as a result of incomplete or no cause of death data on the death registration form. These incomplete registrations, as described in the Introduction, exist as a result of the provision made for sudden and violent deaths whose registrations are frequently delayed due to lengthy processes sometimes associated with the completion of the supporting document needed for complete registration. Such delays are normally due to legal procedures.

Consequently, the **R00-R99** category is recorded as being the cause of many more deaths than it actually does in reality. Consequently, this category is routinely excluded from the leading causes of death tables.

The fourteen leading causes of death for all infants and pre-schoolers combined accounted for 481 (77.5%) of the 621 total in the current reporting year. In the previous year, the top fourteen cause of deaths in the same age groups totalled 485 or 73.0% of all the 664 such deaths in the year. In 2001, there were 702 accounting for the top fourteen causes of death or 86.3% of the 813 total in that year.

The leading cause of death for infants and pre-schoolers combined in 2003 was again “Disorders relating to length of gestation and foetal growth” with 163 deaths from this cause. “Congenital malformations of the heart” was next with 39, followed by “Other congenital malformations” with 33. In the previous year, the leading cause was also “Disorders relating to length of gestation and foetal growth” with 117 such deaths, which means that there was an increase in this cause of 47 or 40.2% for 2003. In 2002, second and third highest causes of death were not as in 2003; previously they were “Other respiratory conditions” and “Remainder of perinatal conditions” with 51 and 47 deaths respectively. These two cause of death categories do appear on the top fourteen list for 2003, however, at positions four and seven respectively.

(Table 14)

In 2003, the three leading causes of death for adult females were “Cerebrovascular diseases”, “Diabetes Mellitus” and “Hypertensive diseases” with 1,109 (16.0%), 985 (14.3%) and 532 (7.7%) of all adult female deaths. The previous year had the same three causes of deaths at the top of the adult female leading causes of deaths list with 1,077 (15.8%), 927 (13.6%) and 489 (7.2%) respectively. In 2001, the top two leading causes of death for adult females were consistent with those in 2002 and 2003 with 1,169 or 16.1% and 976 or 13.4% of all adult female deaths. The third in line for this year was, however, “Ischaemic heart disease” with 457 or 6.3%.

Overall, the ten leading causes of death listed for adult females accounted for 4,525 or 65.5% of all the 6,910 adult female deaths in the current year. This was an absolute increase of 235 or percentage increase of 5.5% over the previous year’s total of 4,290, which was 63.1% of all adult female deaths for that year. In 2001, the corresponding total for the leading causes of death for adult females was 4,522 or 62.3% of all adult female deaths for that year.

(Table 15)

For adult males in 2003, the three leading causes of death were “Cerebrovascular diseases”, “Malignant neoplasm of prostate” and “Diabetes Mellitus” with 888 (12.0%), 529 (7.1%) and 512 (6.9%) respectively. In 2002 and 2001, the top three causes of death were the same, however, the order differed with “Cerebrovascular diseases” in first place with 828 (11.1%) and 937 (11.5%), “Diabetes Mellitus” in second place with 550 (7.4%) and 541 (6.7%) and “Malignant neoplasm of prostate” in third with 523 (7.0%) and 461 (5.7%) respectively.

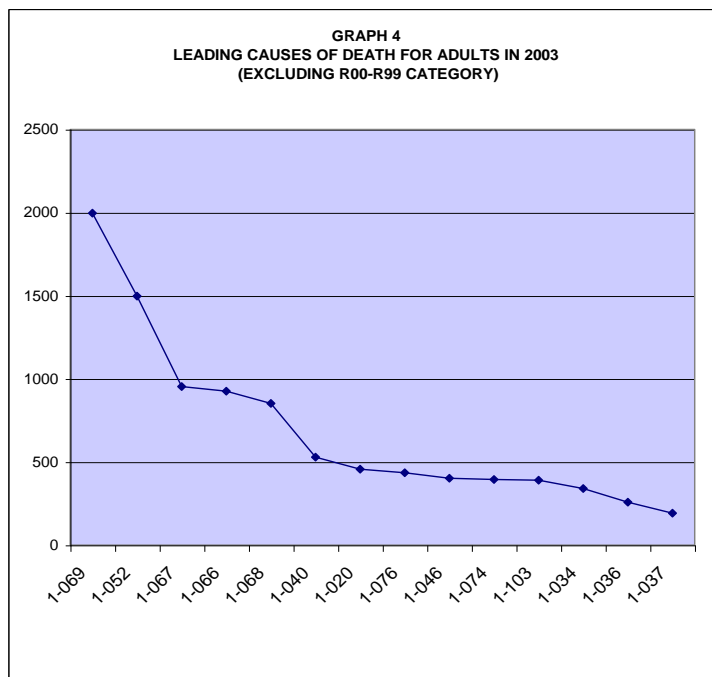
The ten leading causes of death for adult males in 2003 accounted for 4,423 or 59.7% of the 7,408 adult male deaths. The corresponding values for 2002 and 2001 were 4,151 or 55.6% and 4,417 or 54.3% respectively.

(Table 15b)

Total Leading Causes of Deaths - Ages 5 to 100 years

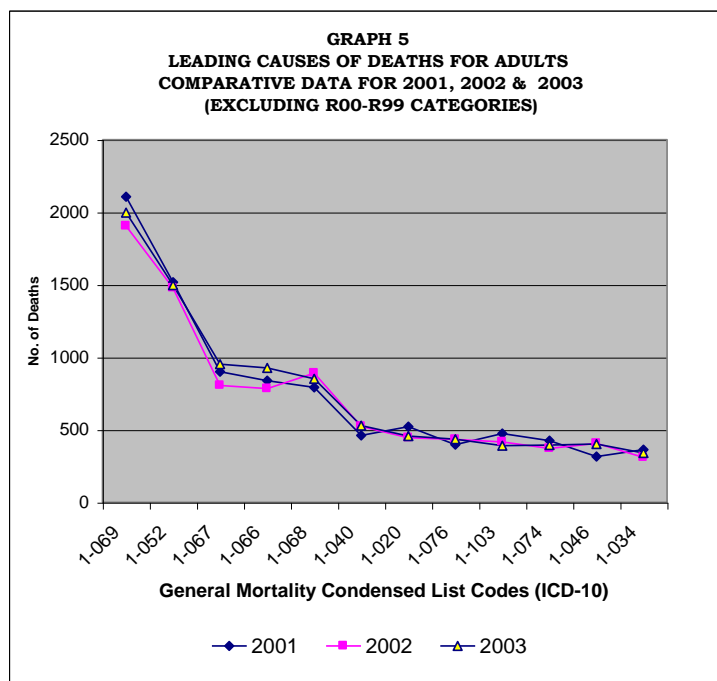
Table 15d shows the combination of the leading causes for male and female adult deaths in 2003. Together male and female “Cerebrovascular disease” related deaths accounted for 1,997 or 13.9% of the 14,318 adult deaths. Next was “Diabetes Mellitus” and “Ischaemic heart disease” with 1,497 or 10.5% and 953 or 6.7% of all adult deaths respectively.

Graph 4 shows the leading causes for all adults in order of descending magnitude for the current year, along with the accompanying table of summary codes, cause of death description and totals for each. This graph is derived from Table 15d. Deaths from the leading causes in 2003 totalled 9,623 or 67.2% of all adult deaths. In 2002, deaths from the leading causes totalled 9,129 (64.0%) and in 2001, 9,721 (62.2%).



ICD-10 CODES	CAUSES OF DEATHS	TOTAL
1-069	Cerebrovascular disease	1997
1-052	Diabetes mellitus	1497
1-067	Ischaemic heart disease	953
1-066	Hypertensive diseases	926
1-068	Other heart disease	852
1-040	Malignant neoplasm of prostate	529
1-020	Human immunodeficiency virus (HIV) disease	457
1-076	Chronic lower respiratory infections	435
1-046	Remainder of malignant neoplasms	402
1-074	Pneumonia	395
1-103	All other external causes	390
1-034	Malignant neoplasm of trachea, bronchus and lung	340
1-036	Malignant neoplasm of breast	258
1-037	Malignant neoplasm of cervix uteri	192

In 2002 and 2001, the top two causes were also “Cerebrovascular disease” and “Diabetes Mellitus” with 1,905 (13.4%) and 1,477 (10.4%) in 2002 and 2,106 (13.7%) and 1,517 (9.9%) in 2001 respectively. The third highest cause of death in 2002 and 2001 were “Other heart disease” with 891 (6.2%) and “Ischaemic heart disease” with 900 (5.8%) respectively.



General Mortality Condensed List Codes	
ICD-10 CODES	CAUSES OF DEATHS
1-069	Cerebrovascular disease
1-052	Diabetes mellitus
1-067	Ischaemic heart disease
1-066	Hypertensive diseases
1-068	Other heart disease
1-040	Malignant neoplasm of prostate
1-020	Human immunodeficiency virus (HIV) disease
1-076	Chronic lower respiratory infections
1-103	All other external causes
1-074	Pneumonia
1-046	Remainder of malignant neoplasms
1-034	Malignant neoplasm of trachea, bronchus and lung

In Graph 5 the trend for the twelve leading causes of death for adults can be seen for the three years 2001, 2002 and 2003. Deaths caused by “Cerebrovascular Disease” was at a high of over 2,000 in total in 2001, just below 2,000 in 2002 and just at the 2,000 mark in 2003. Deaths resulting from the second most common cause of death, “Diabetes Mellitus” were generally constant at around 1,500 for all three years under review. The third, fourth and fifth leading causes of death averaged around a little under 1,000 deaths and the remaining seven averaged around 500 deaths and under. (Table 15d)

Leading Causes of Deaths by Major Categories - Ages 5 to 100 years

In this 2003 report, three new death tables are presented showing adult mortality by the totals for each major cause of death category in descending order of frequency for the nineteen major ICD-10 categories of codes.

As seen in the table for adult females, “Diseases of the circulatory system” head the list with 2,614 deaths or 37.8% of all female deaths resulting from this category. Next are “Neoplasms” and “Endocrine, nutritional and metabolic diseases” with 1,222 (17.7%) and 1087 (15.7%) respectively. The third category is of a significant magnitude due to

Diabetes Mellitus being one of the conditions under this category. Altogether the three leading major categories account for 4,923 or 71.2% of all female deaths. (Table 15e)

In respect of adult males, “Diseases of the circulatory system” and “Neoplasms” are also the major categories responsible for the highest number of deaths with 2,317 (31.3%) and 1,638 (22.2%) respectively. The third major category, however, was “Diseases of the respiratory system” with 647 or 8.7%, although “Endocrine, nutritional and metabolic diseases” followed closely with 624 or 8.4%. Altogether the three top major categories accounted for 4,584 or 61.9% of all adult male deaths. (Table 15f)

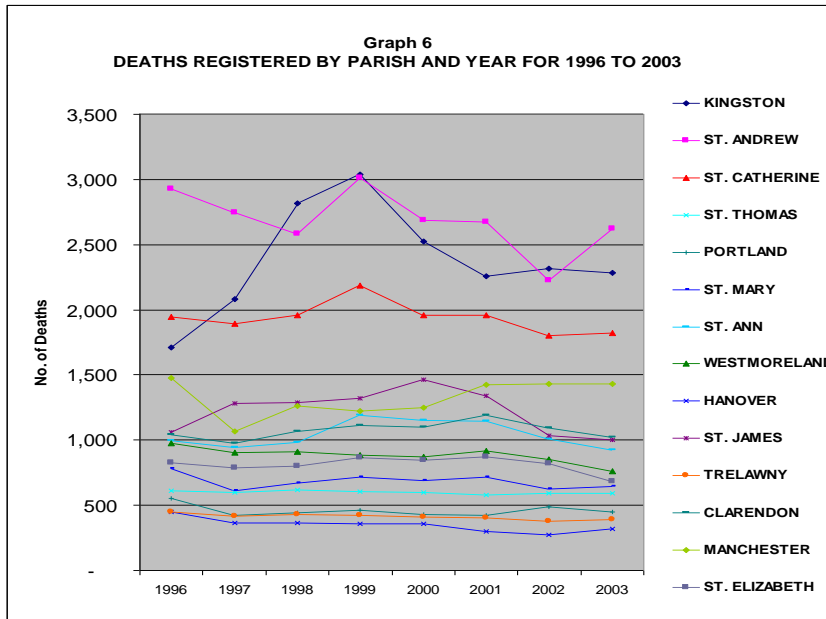
For adult deaths combined, the three leading major categories were the same as for adult females with the following contributions: “Diseases of the circulatory system” with 4,931 (34.4%), “Neoplasms” with 2860 (20.0%) and “Endocrine, nutritional and metabolic diseases” with 1,711 (11.9%). These three together totalled 9,502 or 66.4% of all adult deaths. (Table 15g)

Eight-year trend 1996-2003

Total death registrations fluctuated from year to year for the eight-year period under investigation. The largest absolute increase was in 1998 with an increase of 1,190 or 7.3% over the previous year, while the largest percentage increase was in 1997 with an increase of 1,110 or 7.4%. Conversely, the highest level of decline was recorded in 2002 with a decrease of 1,273 or 7.9%. The overall decline from 1996 to 2003 was a mere 856 or 5.4%.

TABLE 1 F: TOTALS FOR DEATHS REGISTERED BY PARISH FOR 1996 TO 2003

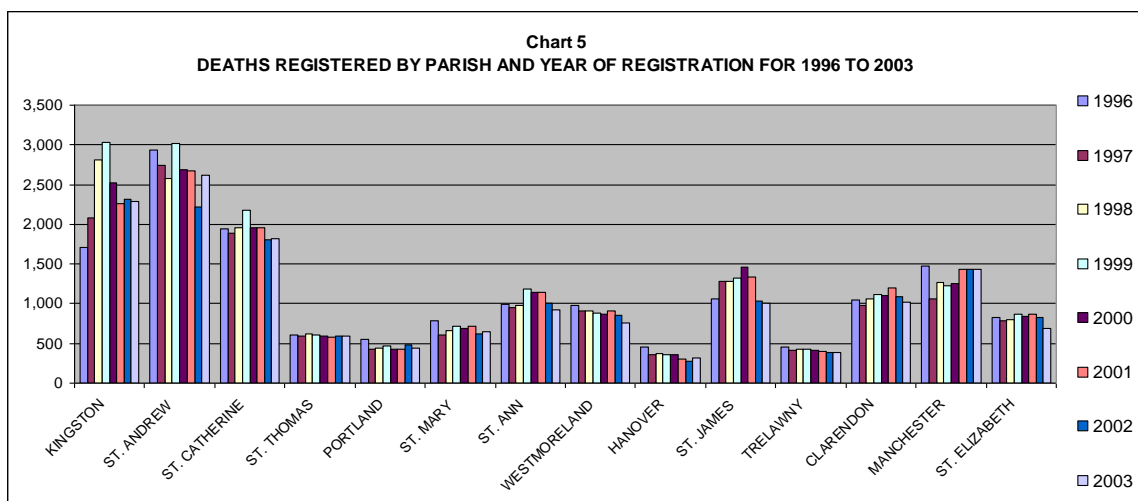
PARISHES	YEARS							
	1996	1997	1998	1999	2000	2001	2002	2003
KINGSTON	1,708	2,080	2,815	3,035	2,521	2,260	2,314	2,286
ST. ANDREW	2,930	2,747	2,583	3,015	2,687	2,673	2,222	2,621
ST. CATHERINE	1,947	1,890	1,960	2,184	1,958	1,961	1,800	1,821
ST. THOMAS	613	596	619	604	597	577	593	589
PORTLAND	550	423	442	462	431	421	485	446
ST. MARY	779	611	667	714	691	717	625	643
ST. ANN	994	945	985	1,188	1,149	1,147	1,009	926
WESTMORELAND	974	906	912	884	875	915	852	763
HANOVER	449	365	366	359	358	301	276	316
ST. JAMES	1,060	1,282	1,288	1,320	1,464	1,338	1,033	1,001
TRELAWNY	449	414	432	425	413	401	379	388
CLARENDON	1,043	974	1,064	1,113	1,098	1,193	1,095	1,022
MANCHESTER	1,474	1,067	1,262	1,220	1,251	1,427	1,428	1,432
ST. ELIZABETH	825	787	802	864	845	873	820	685
JAMAICA	15,795	15,087	16,197	17,387	16,338	16,204	14,931	14,939

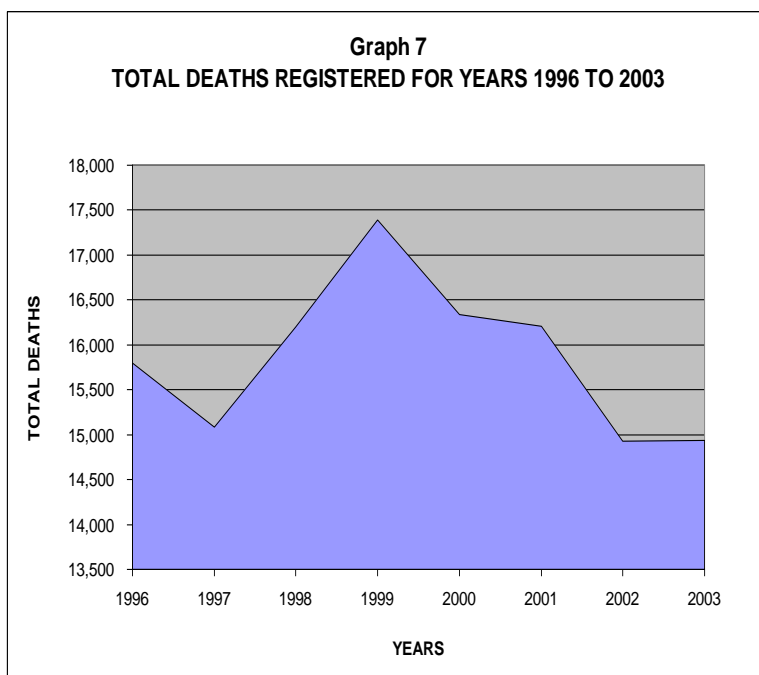


Graph 6 the general pattern of deaths registered in the each of the parishes from year to year can be seen. All of the parishes fluctuated during the 1996 to 2003 period. Kingston is seen to have experienced the greatest level of fluctuation with a low of 1,708 death registrations in 1996 and a high of 3,035 in 1999. Looking at the overall picture,

however, Kingston was the only parish that had an increase in total deaths registered from 1996 to 2003, of magnitude 578 or 33.8%. All other parishes declined in total number of deaths registered. The largest percentage decrease in registrations was seen in Hanover, which fell by 133 or 29.6%, from 449 to 316. The largest absolute decrease was, however, recorded by St. Andrew, which fell by 309 or 10.5%.

Chart 5 shows the year-to-year trend for each parish for the 1996 to 2003 period. As previously stated, all parishes are seen to fluctuate during the stated period. Kingston had a high of a little over 3,000 in 1999 and a low of about 1,700 in 1996. St. Andrew had a high of about 3,000 in 1999 as well and a low of about 2,200 in 2002. St. Catherine had a high of about 2,200 in 1999 and a low of 1,800 in 2002. Manchester was the next parish with a significant trend, having a high of a little less than 1,500 in 1996 and a low of about 1,000 in 1997. St. James had a high of under 1,500 in 2000 and a low of about 1,000 in 2003.





Graph 7 shows the trend of total deaths registered in Jamaica from 1996 to 2003. It is seen to fluctuate from the mid mark of 15,500 and 16,000 in 1996 to around 15,000 in 1997, then increases to about 16,000 in 1998 and to just under 17,500 in 1999. From this high in 1999, it decreases to a little under 16,500 in 2000, to just above 16,000 in 2001. It had another sharp decrease to a little under 15,000 in 2002 and recovers slightly to a little over 15,000 in 2003.

Deaths Reported by the Police

The RGD continues to collaborate with the Jamaica Constabulary Force through the arm of the Constabulary Communication Network (CCN) with the objective of improving the accuracy of total deaths occurring in Jamaica. The CCN provides the agency with detailed information from its database with respect to cases of sudden or violent deaths, which the Police have knowledge of their occurrence throughout the year. The four categories of sudden and violent death case files provided are: i) Fatal Shootings, ii) Murder, iii) Suicides and (iv) Motor Vehicle Accidents.

These data are electronically stored by the RGD and the summary of this data by parish and month of occurrence can be seen in Table 15h.² During 2003, there were 1,560 such deaths reported by the Police. This reflected a decline of 119 (7.1%) compared with last year's total of 1,679.

Regions

In respect of the regions, the South Eastern region accounted for 952 (61.0 %) of all the 2003 deaths reported by the police. The parishes of St. Andrew, St. Catherine and Kingston accounted for 916 (96.2%) of that region's deaths and 58.8% all police deaths.

² Note that the numbering for the police data tables has been altered due to the inclusion of three new mortality tables

The respective contribution of the remaining regions, to the 2003 deaths reported by the police, in order of descending magnitude, were as follows: Western Region 282 (18.1%), Southern Region 226 (14.5%) and North Eastern 100 (6.4%). This reflected no change in the pattern of contribution in respect of the 2002 data.

Despite a 40% (141) decline in total deaths reported in 2003 the overall decline was minimized at 114 (7%) as increases of 3% and 9 % were experienced in the Western and Southern regions respectively. (Table 15h)

Police and RGD Data Combined

In 2003 a combination of death occurrences from RGD's database (14,667) and police data not already in the database (1,369), resulted in total death occurrences of 16,036 deaths. (Table 15j)

The police data provided for occurrences (1560) were matched against the registration data in RGD's database for the current year, in order to identify deaths which had occurred in 2003 but were not registered in the current year. This exercise produced 191 matches in respect of deaths registered, leaving a total of 1,369 deaths which had occurred in 2003 but which were not registered in the current year. (Table 15i)

Police Data – Cause of Death by Sex and Age Groups

There was an overall decline of 5.6% (81) in total police deaths occurring in 2003 compared with total reported deaths of 1,450 in 2002. Male deaths from this group totalled 1,210 (88.4%) and showed an increase of 23 (1.9%) over that for 2002. However, data for females showed a decline of 39.5% from 263 in 2002 to 159 in 2003. In respect of both sexes, the 25 to 29 years age group recorded the highest number (220) of police deaths reported.

Males

Male deaths reported by the police in 2003 were 1,210. Of this, a total of 270 (22.3%) were caused by transport accidents, 43 (3.6%) were from suicide or "Intentional self harm", 783 (64.7%) were from assault and 114 (9.4%) were from other external causes. Of note is the fact that for male deaths reported by the police, the age group with the highest number of deaths overall for males was the 25 to 29 years group with 207 or 17.1% of all male deaths.

Females

In respect of the 159 female deaths reported by the police, the respective values and causes of deaths were as follows: 70 (44.0%) from transport accidents, 9 (5.7%) from suicides, 78 (49.1%) from assault and 2 (1.3%) from other external causes. Unlike the males the overall leading age group for females was the 30 to 34 years group with 25 (15.7%) total female deaths. (Table 15k and 15l)

MARRIAGES

In 2003, there were 22,476 marriages registered in the island of Jamaica. This was a decline of 594 or 2.6% from the previous year's total of 23,070. In respect of regional performance, the Western Region led with 9,375 (41.7%), followed by the North Eastern Region with 5,779 (25.7%), then the South Eastern Region with 5,361 (23.9%) and finally the Southern Region with 1,961 (8.7%).

In the previous year of 2002, the regions had contributions to the marriage total in descending order as follows: Western – 9,350 (40.5%), North Eastern – 6,389 (27.7%), South Eastern – 5,357 (23.2%) and Southern – 1,974 (8.6%). For 2001, the respective contributions were Western - 8,670 (38.9%), North Eastern – 6,019 (27.0%), South Eastern – 5,585 (25.0%) and Southern – 2,034 (9.1%).

The parishes recording the highest number of marriages were St. Ann, St. James and Westmoreland with 4,349 (19.3%), 4,229 (18.8%) and 2,833 (12.6%) respectively. Conversely, Portland had the least marriages with 284 or 1.3% of all the marriages occurring.

This trend was in keeping with that observed in 2002 and 2001 when St. Ann, St. James and Westmoreland led with 4,739 (20.5%), 4,387 (19.0%), 3,175 (13.8%) and 4,250 (19.1%), 4,083 (18.3%), 3,028 (13.6%) respectively. The parish with the lowest number of marriages was, however, St. Thomas with 300 (1.3%) in 2002 and 306 (1.4%) in 2001. (Table 2 and 17)

In the current year, the second quarter had the highest number of marriages with 6,178, next was the third quarter with 5,883, then the fourth with 5,739 and finally the first quarter with 4,676 marriages. (Table 16 and 16b)

Hotel Marriages

Over the past several decades, with the rapid growth of the tourism industry, Hotel marriages have become a significant contributor to the total number of marriages occurring in the island. The term “hotel marriage”, as used in the context of this publication, relates to any marriage occurring in the island, performed by a certified marriage officer of the island and taking place under the auspices of a hotel, villa, lodge, cottage or any other property designated to the purpose of tourist accommodation.

Under these specifications, it is thus understood that the term “hotel marriage” encompasses not only foreign nationals who chose to exchange nuptials here in Jamaica but also extends to Jamaican residents who get married in hotels. The former group, however, constitutes the majority of the hotel marriages. For future reports, the RGD expects to differentiate between these two groups in marriage statistics provided.

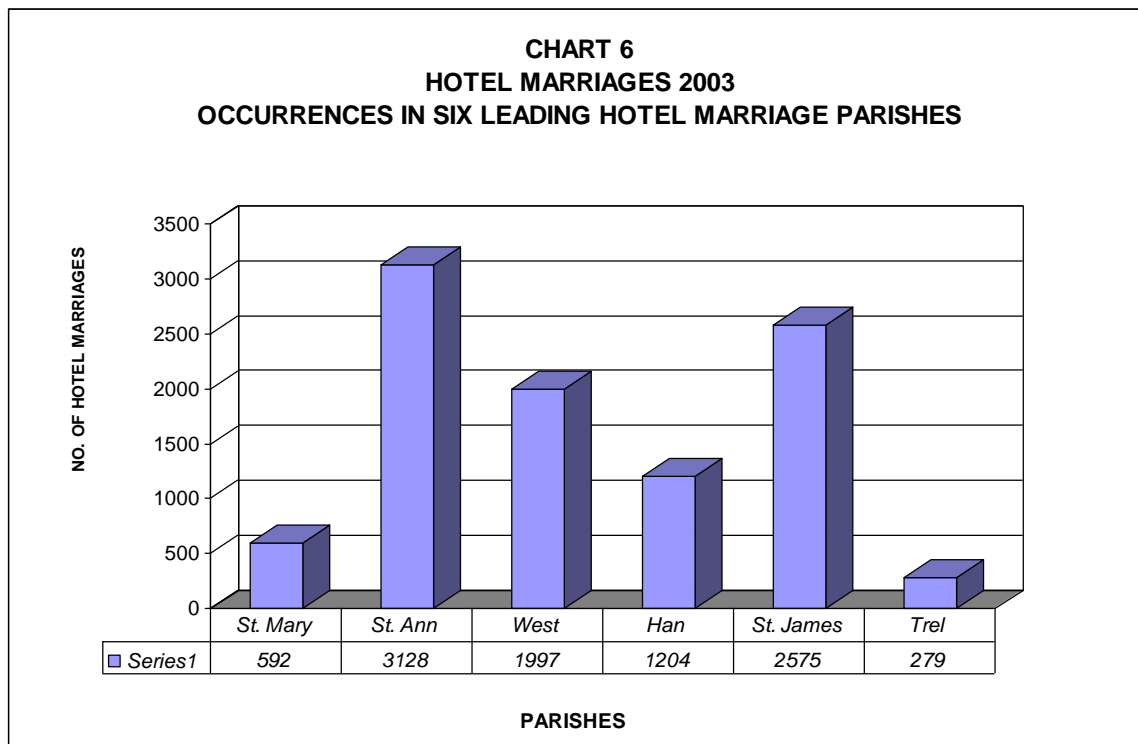
It is important to note also that only a little over half of all the marriages that are recorded in the island are actually local marriages. This explains the high number of total marriages recorded in parishes such as St. Ann, Hanover, St. James and Westmoreland, which are traditionally the main parishes that are utilised in the accommodation of tourists.

Hotel marriages totalled 10,037 or 44.7% of all marriages for 2003. Previously in 2002 and 2001, these marriages totalled 10,580 (45.9%) and 9,678 (43.4%). This indicates a decline of 543 or 5.1% from 2002 to 2003 and an increase of 902 or 9.3% from 2001 to 2002.

The parishes with the highest proportion of hotel marriage occurrences in 2003 were St. Ann, Hanover and Westmoreland with 3,128 or 71.9% of that parish's 4,349 marriages being hotel marriages, 1,204 or 71.6% of 1,681 and 1,997 or 70.5% of 2,833 respectively. The top three parishes by percentage of hotel marriages in 2002, were Hanover with 910 or 74.2% of 1,227, St. Ann with 3,508 or 74.0% of 4,739, Westmoreland with 2,242 or 70.6% of 3,175 and in 2001, St. Mary led with 1,166 or 82.4% of 1,415, then came Westmoreland with 2,147 or 70.9% of 3,028 and finally St. Ann with 2,898 or 68.2% of 4,250.

(Table 16a)

In Chart 6, the six leading hotel marriage parishes are shown along with their respective totals for the year 2003. It can be seen that the top six performing parishes with respect to absolute contributions were St. Ann (3,128), St. James (2,575), Westmoreland (1,997), Hanover (1,204), St. Mary (592) and Trelawny with 279.



Solemnisation

The term “solemnisation” refers to the type of licence or authority, which is used to legalise a marriage. In Jamaica there are five different types of authority under which a marriage may be solemnised: Marriage Officer’s Certificate, Special Marriage Licence, Minister’s Licence, Civil Registrar’s Certificate and Inarticulo Mortis.

Most persons are familiar with the Marriage Officer’s Certificate, which is usually used in the traditional Christian marriage ceremony. Here, the publication of a “Banns” as well as seven days notice are required. The Special Marriage Licence requires no Banns, however, notice is required and the parties to be married must be well known by the Marriage Officer. The Minister’s Licence is the authority of choice for most visitors to the island because there is no need for the Banns or a notice period. This authority is obtained at the Ministry of Security and Justice at a specified cost. Inarticulo Mortis simply refers to “death-bed” marriages which can be performed at no prior notice and if one of the parties believes himself or herself to be at the point of death. The Civil Registrar’s Certificate is used by Civil Registrars who are Marriage Officers that are appointed by the state on a non-religious basis.

In 2003, Marriage Officer’s Certificate accounted for 7,878 or 35.0%, Special Marriage Licence for 921 or 4.1%, Minister’s Licence for 13,206 or 58.8% and Civil Registrar’s Certificate for 471 or 2.1%. There were no Inarticulo Mortis marriages in the current year. Looking at 2002, the corresponding values were 7,985 (34.6%), 1,144 (5.0%), 13,585 (58.9%) and 354 (1.5%) respectively. There were two Inarticulo Mortis marriages in 2002. In 2001, it was a similar trend with values of 8,449 (37.9%), 1,232 (5.5%), 12,292 (55.1%) and 325 (1.5%). There were ten Inarticulo Mortis marriages in this year. (Table 16)

Month of Occurrence

The months, which led in respect of number marriage occurrences in 2003, were December, August and June with 2,632 (11.7%), 2,473 (11.0%) and 2,113 (9.4%) respectively. The least popular month for marriage in the same year was January with 1,271 or 5.7% of the total marriages.

In 2002, a slightly different trend was observed, as December, June and July were the leading months with respect to marriages with totals of 2,691 (11.7%), 2,312 (10.0%) and 2,198 (9.5%) respectively. Conversely, September was least popular with 1,442 (6.3%) marriages in total.

December, June and July were also the leading months in 2001 with total marriages of 2,569 (11.5%), 2,357 (10.6%) and 2,169 (9.7%) respectively. October, however, recorded the lowest number of marriages for that year with 1,221 (5.5%). (Table 17)

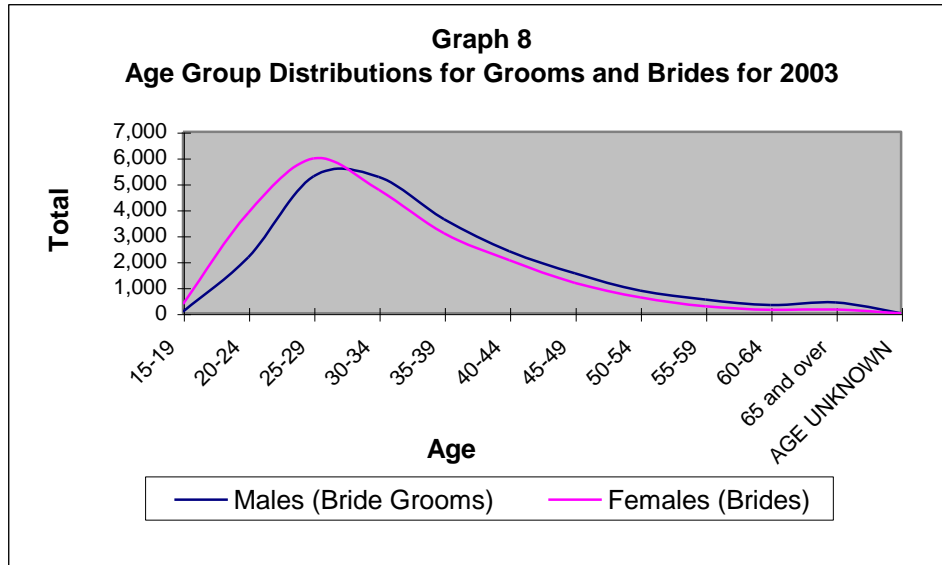
Age at Marriage

Another interesting facet of marriage statistics is the age distribution of groom and bride. In 2003, it is observed that 25-29, 30-34 and 35-39 are the age groups with the largest number of grooms with 5,278 (23.5%), 5,264 (23.4%) and 3,631 (16.2%) respectively. For brides in 2003, the largest age groups were 25-29, 30-34 and 20-24 with totals of 5,978 (26.6%), 4,771 (21.2%) and 3,873 (17.2%).

In 2002, it was an identical trend with leading groom age group totals being 25-29 with 5,621 (24.4%), 30-34 with 5,564 (24.1%) and 35-39 with 3,624 (15.7%). Bride age group totals for the same year were 25-29 with 6,266 (27.2%), 30-34 with 5,135 (22.3%) and 20-24 with 3,951 (17.1%).

The previous year's leading age groups for grooms were 25-29 with 5,468 (24.5%), 30-34 with 5,272 (23.6%) and 35-39 with 3,767 (16.9%). The leading bride age groups were 25-29 with 5,974 (26.8%), 30-34 with 4,978 (22.3%) and 35-39 with 3,767 (16.9%). (Table 18)

In Graph 8, age group distribution is shown for grooms and brides for 2003 marriages. It is observed that for brides, the modal age group (25-29) has a significantly higher frequency than that for the modal group for grooms (25-29). Additionally, it can be seen that the spread of age distribution for brides fall more towards the younger ages than for grooms.



Looking at the table showing joint ages for groom and bride, it can be seen that the age group for joint groom's and bride's age is for the groom and bride being in the 25-29 age group with 2,513 or 11.1% of all marriages recorded in 2003. From the table it can also be observed that for the majority of marriages occurring, most groom and bride pairings were from the same age group or the bride was in the group just below that of the groom. (Table 18a)

Joint Parishes of Residence

By joint parish of residence of groom and bride, it can be said that for each particular parish of occurrence, the majority of grooms and brides resided in that same parish. Consequently, St. Ann is the parish with the highest number of grooms and brides residing there with 4,220 grooms and 4,203 brides. This is in keeping with the fact that this is also the leading parish in respect of hotel marriages. In addition, there were 4,141 couples from the same parish of St. Ann. The trend is similar for the all the other parishes, which also have most of its couples having the groom and bride resident in the same parish.

(Table 19)

Denomination

In Table 20, the marriages occurring in 2003 are shown by parish of occurrence and denomination. Several denominations of interest are differentiated and the remainder are combined to form the “Other” category. As previously stated in the section discussing “Solemnisation”, Civil Registrar marriages are performed on a non-religious basis and therefore cannot be assigned to a denomination.

The most marriages ascribed to a single denomination in the current year were for the United Church with a total of 2,821 (12.6%). Following this were the Baptist and Apostolic groups with 2,393 (10.6%) and 2,066 (9.2%) respectively. In the same year, other denominations had a total of 8,950 marriages or 39.8% and all denominations totalled 21,632 or 96.2%.

For 2002, however, the leading denomination with respect to marriage occurrences was Baptist with 3,250 (14.1%). Next were the United Church and Apostolic groups with 2,856 (12.4%) and 2,060 (8.9%). In that year also other denominations totalled 7,929 or 34.4% and the total for all denominations was 22,249 or 96.4%.

(Table 20)

In the following denomination table, marriages are shown by month of occurrence for each denomination group. Here it is observed that for the Anglican, Apostolic, Baptist, Moravian and United Church groups the leading month for marriage occurrence was August. For the Methodist, Roman Catholic, Seventh Day Adventist, Other and Civil Registrar groups, the leading month was December. In the remaining groups, Assembly of God, Church of God and Salvation Army groups, the leading month was May. Noteworthy is also the fact that the total marriages performed by the Assemblies of God for May and June and by the Apostolic for August and December were equal.

(Table 20a)

Table 20b shows marriages for 2003 by authority and denomination groups. It is observed here that for every group the Minister’s Licence was the authority used for the

most marriages except for Methodist, Moravian, Salvation Army and Seventh Day Adventist, which had the leading authority being the Marriage Officer's Certificate. (Table 20b)

DIVORCES

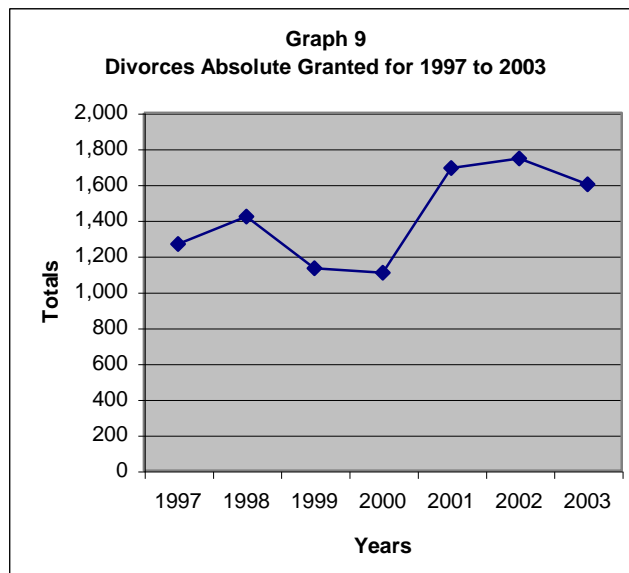
As previously stated, the divorce data in this report is sourced from the Statistical Institute of Jamaica (STATIN), who in turn sources their information from the Supreme Court. Consequently, the analysis of divorce data as provided is not afforded as in depth a treatment as for other vital data reported on in this publication. The commentary is, however, beneficial in that it takes the form of a concise but effectual review of the data.

In the current year under review, there were 1,600 divorces absolute granted by the Jamaican courts, all on the grounds of Irretrievability. This reflects a decline of 145 or 8.3% from the 1,745 granted in 2002. In the previous year, there had been a minimal increase of 54 or 3.2% comparing 2002 to the total of 1,691 granted in 2001.

TABLE 1 G : DIVORCES ABSOLUTE GRANTED - 1997 TO 2003

Years	1997	1998	1999	2000	2001	2002	2003
Totals	1,266	1,420	1,131	1,106	1,691	1,745	1,600
Irretrievability	1,263	1,420	1,131	1,106	1,691	1,745	1,600
Other	3	-	-	-	-	-	-

Throughout the seven-year period, the total number of divorces absolute granted has fluctuated, however, the general trend has been an upward one as can be seen in the table above and accompanying graph. The total began in 1997 at 1,266, after which there was an increase of 154 or 12.2 to 1,420 in the following year. In 1999, there was a moderate decrease of 289 or 20.4% to 1,131. This was followed by a less significant decline of 25 or 2.2% to 1,106 in 2000. There was a sharp increase for 2001 and slight increase in 2002 of 585 (52.9%) and 54 (3.2%) to 1,691 and 1,745 respectively, the total for 2002 being the highest for the seven year period.



In respect of divorces absolute granted by age and sex of partner, it is observed that a total of 803 males and 797 females were granted divorces. This is a 50.2% to 49.8% ratio.

It is also observable that the largest group of males being divorced was the 40-49 years age group with 282 or 35.1% of all males. The largest group of females was from the 30-39 years age group with 267 or 33.5% of all females.

(Table 21)

The joint age of partners table reveals that the largest joint groups by each male partner age group category were for male and female partner both being 25-29, 30-34 and 35-39 years with 37, 75 and 111 respectively. Then for male being 40-44 and female being 35-39 with 105, male being 45-49 and female being 40-44 with 79, both male and female being 50-59 with 146 and both partners being 60 and over with 78. The largest group by any measure for all joint age groups was the male and female being 50-59 with 146.

(Table 22)

When age of female partner and duration of marriage are considered together, it can be seen where the highest number of divorces were granted to parties where the female partner was under 25 years old and the marriage lasted for 5-9 years with 164 such divorces. The second highest group was for under 25 year old female partners and marriages for 25 years and over with 149 of these.

(Table 23)

In respect of age of male partner and duration of marriage, the largest group was for male partner being 25-29 and duration of marriage being 5-9 years with 144 such divorces. The second largest group was for the male partner being 25-29 years as well and duration of marriage being 10-14 years with 124.

(Table 24)

For the 1,600 divorces absolute granted in 2003, there were 1,484 male partners and 1,516 female partners being single before the current marriage now being made dissolute. There were 17 males and 15 females previously being widowed and 99 males and 69 females previously divorced.

(Table 25)

CONCLUSION

For the second consecutive year, the Registrar General's Department has successfully produced its Annual Vital Statistics report using its electronic database. The process of vital statistics production from this relatively newly established means is understandably still in its early phase of development, and consequently a higher degree of accuracy and completeness is to be realised in the future. The Agency is resolute in its commitment to pursue further measures will ensure the continued development of its vital statistics production process.

POPULATION

TABLE 2
ESTIMATED POPULATION OF PARISHES
LIVE BIRTHS, DEATHS, MARRIAGES, STILLBIRTHS AND CORRESPONDING RATES FOR 2003

PARISHES	Mean*	END OF YEAR*		REGISTERED VITAL EVENTS				RATES PER			RATES PER
	Population	POPULATION		2003				1000 POPULATION			1000
	2003	2002	2003	Live Births	Deaths	Marriages	Still Births	Live Births	Deaths	Marriages	Still Births
South Eastern Region											
Kingston & St. Andrew	655,109	653,811	656,406	13,585	4,907	3,055	242	20.7	7.5	4.7	17.8
St. Catherine	485,339	484,892	485,785	6,159	1,821	2,002	76	12.7	3.8	4.1	12.3
St. Thomas	92,202	91,919	92,485	1,529	589	304	19	16.6	6.4	3.3	12.4
Sub-Total	1,232,649	1,230,622	1,234,676	21,273	7,317	5,361	337	17.3	5.9	4.3	15.8
North Eastern Region											
Portland	80,188	79,980	80,396	960	446	284	11	12.0	5.6	3.5	11.5
St. Mary	112,093	111,593	112,592	1,898	643	1,146	7	16.9	5.7	10.2	3.7
St. Ann	170,034	168,970	171,098	4,040	926	4,349	86	23.8	5.4	25.6	21.3
Sub-Total	362,315	360,543	364,086	6,898	2,015	5,779	104	19.0	5.6	16.0	15.1
Western Region											
Westmoreland	140,825	140,266	141,383	2,920	763	2,833	52	20.7	5.4	20.1	17.8
Hanover	66,677	66,658	66,696	549	316	1,681	2	8.2	4.7	25.2	3.6
St. James	179,254	178,370	180,138	4,446	1,001	4,229	45	24.8	5.6	23.6	10.1
Trelawny	73,043	72,903	73,183	902	388	632	3	12.3	5.3	8.7	3.3
Sub-Total	459,799	458,197	461,400	8,817	2,468	9,375	102	19.2	5.4	20.4	11.6
Southern Region											
Clarendon	238,977	237,865	240,088	3,627	1,022	779	35	15.2	4.3	3.3	9.6
Manchester	190,674	189,485	191,863	5,534	1,432	696	136	29.0	7.5	3.7	24.6
St. Elizabeth	145,959	145,754	146,163	1,434	685	486	8	9.8	4.7	3.3	5.6
Sub-Total	575,609	573,104	578,114	10,595	3,139	1,961	179	18.4	5.5	3.4	16.9
JAMAICA	2,630,371	2,622,466	2,638,276	47,583	14,939	22,476	722	18.1	5.7	8.5	15.2

* Source data - STATIN

Prepared by Registrar General's Department

BIRTHS

**TABLE 3
LIVE BIRTHS OCCURRING IN 2003 BY PARISH AND MONTH OF OCCURRENCE**

PARISH OF OCCURRENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOTAL
South Eastern Region													
Kingston	764	689	691	608	594	616	634	739	814	840	864	813	8,666
St. Andrew	325	240	256	259	253	257	260	272	314	345	287	266	3,334
St. Catherine	554	458	447	430	433	373	426	457	532	542	466	472	5,590
St. Thomas	154	117	93	108	91	108	108	125	142	135	135	133	1,449
Sub-Total	1,797	1,504	1,487	1,405	1,371	1,354	1,428	1,593	1,802	1,862	1,752	1,684	19,039
North Eastern Region													
Portland	89	72	68	46	67	60	71	76	88	84	87	78	886
St. Mary	160	119	133	91	102	114	111	149	128	141	200	142	1,590
St. Ann	352	269	278	275	255	267	314	306	329	337	296	345	3,623
Sub-Total	601	460	479	412	424	441	496	531	545	562	583	565	6,099
Western Region													
Westmoreland	250	222	221	233	188	183	209	227	248	270	247	241	2,739
Hanover	46	43	39	35	35	36	56	37	37	54	55	44	517
St. James	441	349	341	315	339	301	351	324	412	440	406	391	4,410
Trelawny	77	50	73	58	69	48	58	51	70	78	65	61	758
Sub-Total	814	664	674	641	631	568	674	639	767	842	773	737	8,424
Southern Region													
Clarendon	333	235	248	268	232	237	270	271	324	348	314	283	3,363
Manchester	459	389	417	372	399	395	428	465	469	464	470	442	5,169
St. Elizabeth	143	94	102	99	88	104	125	94	104	119	133	108	1,313
Sub-Total	935	718	767	739	719	736	823	830	897	931	917	833	9,845
JAMAICA	4,147	3,346	3,407	3,197	3,145	3,099	3,421	3,593	4,011	4,197	4,025	3,819	43,407

Prepared by Registrar General's Department

TABLE 3a
LIVE BIRTHS REGISTERED IN 2003 BY PARISH AND MONTH OF REGISTRATION

PARISHES OF REGISTRATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
South Eastern Region													
Kingston	1,338	885	658	663	562	541	732	711	943	1,141	848	915	9,937
St. Andrew	377	282	280	281	266	302	273	259	353	338	322	315	3,648
St. Catherine	677	546	575	550	505	413	511	455	616	448	460	403	6,159
St. Thomas	175	135	96	117	96	105	110	117	157	136	146	139	1,529
Sub-Total	2,567	1,848	1,609	1,611	1,429	1,361	1,626	1,542	2,069	2,063	1,776	1,772	21,273
North Eastern Region													
Portland	112	71	74	52	78	65	87	68	96	94	78	85	960
St. Mary	190	116	153	115	132	159	152	218	149	167	222	125	1,898
St. Ann	457	547	205	378	284	312	363	271	349	344	308	222	4,040
Sub-Total	759	734	432	545	494	536	602	557	594	605	608	432	6,898
Western Region													
Westmoreland	366	225	261	293	171	195	166	282	265	279	218	199	2,920
Hanover	39	42	48	48	32	56	32	42	62	49	43	56	549
St. James	556	427	335	396	211	421	378	271	273	423	370	385	4,446
Trelawny	83	60	101	63	27	110	72	85	56	78	74	93	902
Sub-Total	1,044	754	745	800	441	782	648	680	656	829	705	733	8,817
Southern Region													
Clarendon	261	570	319	279	295	270	309	263	172	168	256	465	3,627
Manchester	492	543	462	386	502	447	457	383	614	325	484	439	5,534
St. Elizabeth	204	120	138	94	80	93	117	100	112	116	39	221	1,434
Sub-Total	957	1,233	919	759	877	810	883	746	898	609	779	1,125	10,595
JAMAICA	5,327	4,569	3,705	3,715	3,241	3,489	3,759	3,525	4,217	4,106	3,868	4,062	47,583

Prepared by Registrar General's Department

TABLE 3b
LIVE BIRTHS REGISTERED IN 2003 BY PARISH AND SEX

PARISH	NUMBER OF BIRTHS REGISTERED IN 2003	MALE	FEMALE	UNKNOWN*	PERCENTAGE OF TOTAL		
					MALE	FEMALE	UNKNOWN
South Eastern Region							
Kingston	9,937	5,064	4,873	0	51.0	49.0	0.0
St. Andrew	3,648	1,835	1,813	0	50.3	49.7	0.0
St. Catherine	6,159	3,117	3,042	0	50.6	49.4	0.0
St. Thomas	1,529	789	740	0	51.6	48.4	0.0
Sub-Total	21,273	10,805	10,468	0	50.8	49.2	0.0
North Eastern Region							
Portland	960	527	433	0	54.9	45.1	0.0
St. Mary	1,898	951	947	0	50.1	49.9	0.0
St. Ann	4,040	2,050	1,989	1	50.7	49.2	0.0
Sub-Total	6,898	3,528	3,369	1	51.1	48.8	0.0
Western Region							
Westmoreland	2,920	1,501	1,419	0	51.4	48.6	0.0
Hanover	549	282	267	0	51.4	48.6	0.0
St. James	4,446	2,256	2,190	0	50.7	49.3	0.0
Trelawny	902	455	447	0	50.4	49.6	0.0
Sub-Total	8,817	4,494	4,323	0	51.0	49.0	0.0
Southern Region							
Clarendon	3,627	1,834	1,793	0	50.6	49.4	0.0
Manchester	5,534	2,835	2,699	0	51.2	48.8	0.0
St. Elizabeth	1,434	739	695	0	51.5	48.5	0.0
Sub-Total	10,595	5,408	5,187	0	51.0	49.0	0.0
Jamaica	47,583	24,235	23,347	1	50.9	49.1	0.0

* - Information not available for this registration

Prepared by Registrar General's Department

**TABLE 3c
LIVE BIRTHS OCCURRING IN 2003 BY PARISH AND SEX**

PARISH	NUMBER OF BIRTHS OCCURRING IN 2003	MALE	FEMALE	UNKNOWN*	PERCENTAGE OF TOTAL		
					MALE	FEMALE	UNKNOWN
South Eastern Region							
Kingston	8,666	4,384	4,282	0	50.6	49.4	0.0
St. Andrew	3,334	1,690	1,644	0	50.7	49.3	0.0
St. Catherine	5,590	2,829	2,761	0	50.6	49.4	0.0
St. Thomas	1,449	743	706	0	51.3	48.7	0.0
Sub-Total	19,039	9,646	9,393	0	50.7	49.3	0.0
North Eastern Region							
Portland	886	481	405	0	54.3	45.7	0.0
St. Mary	1,590	804	786	0	50.6	49.4	0.0
St. Ann	3,623	1,824	1,798	1	50.3	49.6	0.0
Sub-Total	6,099	3,109	2,989	1	51.0	49.0	0.0
Western Region							
Westmoreland	2,739	1,402	1,337	0	51.2	48.8	0.0
Hanover	517	270	247	0	52.2	47.8	0.0
St. James	4,410	2,238	2,172	0	50.7	49.3	0.0
Trelawny	758	386	372	0	50.9	49.1	0.0
Sub-Total	8,424	4,296	4,128	0	51.0	49.0	0.0
Southern Region							
Clarendon	3,363	1,708	1,655	0	50.8	49.2	0.0
Manchester	5,169	2,681	2,488	0	51.9	48.1	0.0
St. Elizabeth	1,313	694	619	0	52.9	47.1	0.0
Sub-Total	9,845	5,083	4,762	0	51.6	48.4	0.0
Jamaica	43,407	22,134	21,272	1	51.0	49.0	0.0

* - Information not available for this registration

Prepared by Registrar General's Department

**TABLE 3d
LIVE BIRTHS REGISTERED IN 2003 BY PARISH OF RESIDENCE OF MOTHER AND SEX OF CHILD**

PARISH OF RESIDENCE OF MOTHER	NUMBER OF BIRTHS REGISTERED IN 2003	MALE	FEMALE	UNKNOWN*	PERCENTAGE OF TOTAL		
					MALE	FEMALE	UNKNOWN
South Eastern Region							
Kingston	2,193	1,138	1,055	0	51.9	48.1	0.0
St. Andrew	8,879	4,505	4,374	0	50.7	49.3	0.0
St. Catherine	8,055	4,081	3,974	0	50.7	49.3	0.0
St. Thomas	1,650	850	800	0	51.5	48.5	0.0
Sub-Total	20,777	10,574	10,203	0	50.9	49.1	0.0
North Eastern Region							
Portland	1,331	693	638	0	52.1	47.9	0.0
St. Mary	2,242	1,138	1,104	0	50.8	49.2	0.0
St. Ann	3,434	1,751	1,682	1	51.0	49.0	0.0
Sub-Total	7,007	3,582	3,424	1	51.1	48.9	0.0
Western Region							
Westmoreland	2,870	1,463	1,407	0	51.0	49.0	0.0
Hanover	1,303	653	650	0	50.1	49.9	0.0
St. James	3,617	1,844	1,773	0	51.0	49.0	0.0
Trelawny	1,419	711	708	0	50.1	49.9	0.0
Sub-Total	9,209	4,671	4,538	0	50.7	49.3	0.0
Southern Region							
Clarendon	4,589	2,339	2,250	0	51.0	49.0	0.0
Manchester	3,110	1,612	1,498	0	51.8	48.2	0.0
St. Elizabeth	2,684	1,347	1,337	0	50.2	49.8	0.0
Sub-Total	10,383	5,298	5,085	0	51.0	49.0	0.0
Out of Jamaica	102	48	54	0	47.1	52.9	0.0
Unknown	105	62	43	0	59.0	41.0	0.0
Jamaica	47,583	24,235	23,347	1	50.9	49.1	0.0

* - Information not available for this registration

Prepared by Registrar General's Department

TABLE 3e
LIVE BIRTHS OCCURRING IN 2003 BY PARISH OF RESIDENCE OF MOTHER AND SEX OF CHILD

PARISH OF RESIDENCE OF MOTHER	NUMBER OF BIRTHS OCCURRING IN 2003	MALE	FEMALE	UNKNOWN	PERCENTAGE OF TOTAL		
					MALE	FEMALE	UNKNOWN
South Eastern Region							
Kingston	2,025	1,036	989	0	51.2	48.8	0.0
St. Andrew	7,747	3,920	3,827	0	50.6	49.4	0.0
St. Catherine	7,378	3,749	3,629	0	50.8	49.2	0.0
St. Thomas	1,553	796	757	0	51.3	48.7	0.0
Sub-Total	18,703	9,501	9,202	0	50.8	49.2	0.0
North Eastern Region							
Portland	1,259	649	610	0	51.5	48.5	0.0
St. Mary	1,902	972	930	0	51.1	48.9	0.0
St. Ann	3,077	1,557	1,519	1	50.6	49.4	0.0
Sub-Total	6,238	3,178	3,059	1	50.9	49.0	0.0
Western Region							
Westmoreland	2,707	1,374	1,333	0	50.8	49.2	0.0
Hanover	1,272	645	627	0	50.7	49.3	0.0
St. James	3,556	1,819	1,737	0	51.2	48.8	0.0
Trelawny	1,269	630	639	0	49.6	50.4	0.0
Sub-Total	8,804	4,468	4,336	0	50.7	49.3	0.0
Southern Region							
Clarendon	4,247	2,173	2,074	0	51.2	48.8	0.0
Manchester	2,890	1,525	1,365	0	52.8	47.2	0.0
St. Elizabeth	2,500	1,280	1,220	0	51.2	48.8	0.0
Sub-Total	9,637	4,978	4,659	0	51.7	48.3	0.0
Out of Jamaica	4	0	4	0	0.0	100.0	0.0
Unknown	21	9	12	0	42.9	57.1	0.0
Jamaica	43,407	22,134	21,272	1	51.0	49.0	0.0

* - Information not available for this registration

Prepared by Registrar General's Department

TABLE 4
LIVE BIRTHS OCCURRING IN 2003 BY PARISH OF OCCURRENCE
SHOWING IN WEDLOCK AND OUT OF WEDLOCK

Parishes	Total	Birth in Wedlock	<i>Births Out of Wedlock</i>				
			Total	Father Registered	Father Regd. on Signature	Father Regd. on Declaration	Father not Registered
South Eastern Region							
Kingston	8,666	943	7,723	2,767	2,737	30	4,956
St. Andrew	3,334	1,409	1,925	1,394	1,348	46	531
St. Catherine	5,590	870	4,720	1,959	1,930	29	2,761
St. Thomas	1,449	164	1,285	523	521	2	762
Sub-Total	19,039	3,386	15,653	6,643	6,536	107	9,010
North Eastern Region							
Portland	886	129	757	290	286	4	467
St. Mary	1,590	133	1,457	425	423	2	1,032
St. Ann	3,623	569	3,054	784	764	20	2,270
Sub-Total	6,099	831	5,268	1,499	1,473	26	3,769
Western Region							
Westmoreland	2,739	416	2,323	1,441	1,441	-	882
Hanover	517	43	474	257	257	-	217
St. James	4,410	706	3,704	2,261	2,251	10	1,443
Trelawny	758	72	686	240	238	2	446
Sub-Total	8,424	1,237	7,187	4,199	4,187	12	2,988
Southern Region							
Clarendon	3,363	421	2,942	1,417	1,409	8	1,525
Manchester	5,169	1,081	4,088	2,205	2,205	-	1,883
St. Elizabeth	1,313	151	1,162	470	470	-	692
Sub-Total	9,845	1,653	8,192	4,092	4,084	8	4,100
JAMAICA	43,407	7,107	36,300	16,433	16,280	153	19,867

Prepared by Registrar General's Department

**TABLE 5
LIVE BIRTHS OCCURRING IN INSTITUTION AND OUT OF INSTITUTION
AND ATTENDANT AT DELIVERY FOR 2003**

PARISHES	TOTAL	PUBLIC INSTITUTION	PRIVATE INSTITUTION	NOT IN INSTITUTION	DOCTOR	Percentage of Total	REGISTERED MIDWIFE	Percentage of Total	Percentage of Qualified Attendant	NON-QUALIFIED ATTENDANT	UNKNOWN
South Eastern Region											
Kingston	8,666	8,364	292	10	1,270	14.7%	7,378	85.1%	99.8%	6	12
St. Andrew	3,334	2,227	937	170	1,680	50.4%	1,495	44.8%	95.2%	152	7
St. Catherine	5,590	5,147	26	417	940	16.8%	4,345	77.7%	94.5%	295	10
St. Thomas	1,449	1,390	11	48	86	5.9%	1,339	92.4%	98.3%	21	3
Sub-Total	19,039	17,128	1,266	645	3,976	20.9%	14,557	76.5%	97.3%	474	32
North Eastern Region											
Portland	886	833	32	21	95	10.7%	771	87.0%	97.7%	20	0
St. Mary	1,590	1,499	3	88	105	6.6%	1,435	90.3%	96.9%	47	3
St. Ann	3,623	3,296	173	154	482	13.3%	3,029	83.6%	96.9%	109	3
Sub-Total	6,099	5,628	208	263	682	11.2%	5,235	85.8%	97.0%	176	6
Western Region											
Westmoreland	2,739	2,448	148	143	338	12.3%	2,310	84.3%	96.7%	89	2
Hanover	517	490	5	22	0	0.0%	503	97.3%	97.3%	14	0
St. James	4,410	4,276	55	79	1,265	28.7%	3,121	70.8%	99.5%	20	4
Trelawny	758	671	1	86	94	12.4%	626	82.6%	95.0%	35	3
Sub-Total	8,424	7,885	209	330	1,697	20.1%	6,560	77.9%	98.0%	158	9
Southern Region											
Clarendon	3,363	2,977	0	386	370	11.0%	2,729	81.1%	92.1%	263	1
Manchester	5,169	4,818	233	118	1,085	21.0%	4,063	78.6%	99.6%	20	1
St. Elizabeth	1,313	1,087	96	130	45	3.4%	1,182	90.0%	93.5%	86	0
Sub-Total	9,845	8,882	329	634	1,500	15.2%	7,974	81.0%	96.2%	369	2
JAMAICA	43,407	39,523	2,012	1,872	7,855	18.1%	34,326	79.1%	97.2%	1,177	49

Prepared by Registrar General's Department

TABLE 6
LIVE BIRTHS OCCURRING IN 2003 BY PARISH AND SHOWING TIME OF REGISTRATION

PARISHES	TOTAL BIRTHS OCCURRING	SAME MONTH												Delay in Registration			
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOTAL	Up to	Over 3 Mths	% Delay for
															3 Months	Up to 12 Mths	over 3 mths.
South Eastern Region																	
Kingston	8,666	157	115	125	81	85	89	125	116	132	159	144	157	1,485	5,577	3,089	35.6
St. Andrew	3,334	273	202	203	207	199	217	218	210	259	264	232	241	2,725	3,251	83	2.5
St. Catherine	5,590	163	166	146	163	149	92	114	86	155	121	89	84	1,528	3,335	2,255	40.3
St. Thomas	1,449	127	101	75	92	76	87	84	89	119	105	113	111	1,179	1,437	12	0.8
Sub-Total	19,039	720	584	549	543	509	485	541	501	665	649	578	593	6,917	13,600	5,439	28.6
North Eastern Region																	
Portland	886	81	60	56	41	62	51	67	58	77	78	67	59	757	881	5	0.6
St. Mary	1,590	89	42	47	34	46	73	83	83	78	94	138	59	866	1,409	181	11.4
St. Ann	3,623	30	136	33	98	66	93	150	70	96	96	55	26	949	3,508	115	3.2
Sub-Total	6,099	200	238	136	173	174	217	300	211	251	268	260	144	2,572	5,798	301	4.9
Western Region																	
Westmoreland	2,739	186	148	174	218	156	152	119	174	189	213	160	112	2,001	2,665	74	2.7
Hanover	517	17	8	11	15	8	21	11	4	18	25	13	13	164	508	9	1.7
St. James	4,410	141	119	88	126	52	87	149	67	57	80	45	62	1,073	4,192	218	4.9
Trelawny	758	40	16	46	26	2	15	27	40	42	42	26	42	364	723	35	4.6
Sub-Total	8,424	384	291	319	385	218	275	306	285	306	360	244	229	3,602	8,088	336	4.0
Southern Region																	
Clarendon	3,363	77	188	211	212	190	198	222	202	87	41	19	77	1,724	2,888	475	14.1
Manchester	5,169	122	119	125	105	132	132	144	111	133	111	110	129	1,473	5,016	153	3.0
St. Elizabeth	1,313	118	77	99	88	72	87	101	77	87	91	11	96	1,004	1,208	105	8.0
Sub-Total	9,845	317	384	435	405	394	417	467	390	307	243	140	302	4,201	9,112	733	7.4
JAMAICA	43,407	1,621	1,497	1,439	1,506	1,295	1,394	1,614	1,387	1,529	1,520	1,222	1,268	17,292	36,598	6,809	15.7

Prepared by Registrar General's Department

TABLE 6a
LIVE BIRTHS REGISTERED IN 2003 SHOWING THOSE OCCURRING IN CURRENT AND PREVIOUS YEARS BY PARISH AND YEAR OF OCCURRENCE

Parish	Occurrence in previous years	Occurrence in 1993	Occurrence in 1994	Occurrence in 1995	Occurrence in 1996	Occurrence in 1997	Occurrence in 1998	Occurrence in 1999	Occurrence in 2000	Occurrence in 2001	Occurrence in 2002	Occurrence in 2003	Total Registrations
South Eastern Region													
Kingston	405	11	11	21	26	38	30	19	18	10	2,471	6,877	9,937
St. Andrew	181	7	2	3	5	6	2	9	2	3	168	3,260	3,648
St. Catherine	366	16	23	18	24	54	29	29	77	30	1,682	3,811	6,159
St. Thomas	43	0	0	2	1	2	2	1	10	2	52	1,414	1,529
Sub-Total	995	34	36	44	56	100	63	58	107	45	4373	15362	21273
North Eastern Region													
Portland	50	1	3	3	4	2	1	2	0	0	30	864	960
St. Mary	137	8	8	2	9	3	5	4	7	3	269	1,443	1,898
St. Ann	205	15	9	14	19	33	11	7	9	2	551	3,165	4,040
Sub-Total	392	24	20	19	32	38	17	13	16	5	850	5472	6898
Western Region													
Westmoreland	115	5	8	3	3	1	1	1	1	1	221	2,560	2,920
Hanover	41	2	1	1	0	0	1	0	1	0	25	477	549
St. James	79	5	0	1	3	6	5	4	3	1	441	3,898	4,446
Trelawny	81	2	2	1	5	1	4	5	0	3	80	718	902
Sub-Total	316	14	11	6	11	8	11	10	5	5	767	7653	8817
Southern Region													
Clarendon	264	13	4	8	10	16	4	6	9	8	477	2,808	3,627
Manchester	205	8	7	4	19	32	17	7	3	2	684	4,546	5,534
St. Elizabeth	61	2	1	2	2	7	3	0	0	1	126	1,229	1,434
Sub-Total	530	23	12	14	31	55	24	13	12	11	1287	8583	10595
Jamaica	2233	95	79	83	130	201	115	94	140	66	7277	37070	47583
Percent of total registrations	4.7%	0.2%	0.2%	0.2%	0.3%	0.4%	0.2%	0.2%	0.3%	0.1%	15.3%	77.9%	100.0%

Prepared by Registrar General's Department

**TABLE 7
LIVE BIRTHS OCCURRING IN 2003 BY PARISH OF OCCURRENCE
AND PARISH OF RESIDENCE OF MOTHER**

Parish of Occurrence	PARISH OF RESIDENCE														Out of Jamaica				Un- Known	JAMAICA
	Kgn	St. And	St.Cath	St.Thom	Port	St. Mary	St. Ann	West	Han	St. Jam	Trel	Clar	Manc	St. Eliz	Canada	USA	England	Bahamas		
South Eastern Region																				
Kingston	1,899	5,503	1,062	106	15	20	14	1	0	1	0	22	6	3	0	0	0	0	14	8,666
St. Andrew	115	2,185	871	49	17	22	12	3	1	5	1	26	21	5	0	0	0	0	1	3,334
St. Catherine	1	39	5,379	1	3	14	20	1	0	2	3	119	1	1	1	1	1	0	3	5,590
St. Thomas	2	3	3	1,396	43	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1,449
Sub-Total	2017	7730	7315	1552	78	57	46	5	1	8	4	167	28	9	1	1	1	0	19	19,039
North Eastern Region																				
Portland	0	0	1	0	884	1	0	0	0	0	0	0	0	0	0	0	0	0	0	886
St. Mary	2	9	4	0	272	1,298	3	0	0	1	0	0	0	0	0	0	0	0	1	1,590
St. Ann	1	0	21	0	25	545	2,868	0	0	1	60	99	0	1	0	0	0	1	1	3,623
Sub-Total	3	9	26	0	1181	1844	2871	0	0	2	60	99	0	1	0	0	0	1	2	6,099
Western Region																				
Westmoreland	2	2	2	0	0	1	2	2,420	251	18	3	2	2	34	0	0	0	0	0	2,739
Hanover	0	0	0	0	0	0	1	3	511	1	1	0	0	0	0	0	0	0	0	517
St. James	1	1	1	0	0	0	6	209	507	3,477	188	1	0	19	0	0	0	0	0	4,410
Trelawny	0	0	0	0	0	0	0	0	0	28	728	0	1	1	0	0	0	0	0	758
Sub-Total	3	3	3	0	0	1	9	2632	1269	3524	920	3	3	54	0	0	0	0	0	8,424
Southern Region																				
Clarendon	1	2	23	0	0	0	5	1	0	0	1	3,310	17	3	0	0	0	0	0	3,363
Manchester	1	3	11	1	0	0	146	2	1	1	284	668	2,841	1,210	0	0	0	0	0	5,169
St. Elizabeth	0	0	0	0	0	0	0	67	1	21	0	0	1	1,223	0	0	0	0	0	1,313
Sub-Total	2	5	34	1	0	0	151	70	2	22	285	3978	2859	2436	0	0	0	0	0	9,845
JAMAICA	2,025	7,747	7,378	1,553	1,259	1,902	3,077	2,707	1,272	3,556	1,269	4,247	2,890	2,500	1	1	1	1	21	43,407

Prepared by Registrar General's Department

TABLE 7a
LIVE BIRTHS OCCURRING IN 2003 BY PARISH OF OCCURRENCE
AND PARISH OF RESIDENCE OF MOTHER BY PERCENTAGES

Parish of Occurrence	PARISH OF RESIDENCE														Out of Jamaica				Un-Known	JAMAICA
	Kgn	St. And	St.Cath	St.Thom	Port	St. Mary	St. Ann	West	Han	St. Jam	Trel	Clar	Manc	St. Eliz	Canada	USA	England	Bahamas		
South Eastern Region																				
Kingston	21.9%	63.5%	12.3%	1.2%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	20.0%
St. Andrew	3.4%	65.5%	26.1%	1.5%	0.5%	0.7%	0.4%	0.1%	0.0%	0.1%	0.0%	0.8%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	7.7%
St. Catherine	0.0%	0.7%	96.2%	0.0%	0.1%	0.3%	0.4%	0.0%	0.0%	0.0%	0.1%	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	12.9%
St. Thomas	0.1%	0.2%	0.2%	96.3%	3.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	3.3%
Sub-Total	10.6%	40.6%	38.4%	8.2%	0.4%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.9%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	43.9%
North Eastern Region																				
Portland	0.0%	0.0%	0.1%	0.0%	99.8%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%
St. Mary	0.1%	0.6%	0.3%	0.0%	17.1%	81.6%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	3.7%
St. Ann	0.0%	0.0%	0.6%	0.0%	0.7%	15.0%	79.2%	0.0%	0.0%	0.0%	1.7%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.3%
Sub-Total	0.0%	0.1%	0.4%	0.0%	19.4%	30.2%	47.1%	0.0%	0.0%	0.0%	1.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.1%
Western Region																				
Westmoreland	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	88.4%	9.2%	0.7%	0.1%	0.1%	0.1%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	6.3%
Hanover	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.6%	98.8%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%
St. James	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	4.7%	11.5%	78.8%	4.3%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	10.2%
Trelawny	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.7%	96.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%
Sub-Total	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	31.2%	15.1%	41.8%	10.9%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	19.4%
Southern Region																				
Clarendon	0.0%	0.1%	0.7%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	98.4%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	7.7%
Manchester	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	2.8%	0.0%	0.0%	0.0%	5.5%	12.9%	55.0%	23.4%	0.0%	0.0%	0.0%	0.0%	0.0%	11.9%
St. Elizabeth	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5.1%	0.1%	1.6%	0.0%	0.0%	0.1%	93.1%	0.0%	0.0%	0.0%	0.0%	0.0%	3.0%
Sub-Total	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	1.5%	0.7%	0.0%	0.2%	2.9%	40.4%	29.0%	24.7%	0.0%	0.0%	0.0%	0.0%	0.0%	22.7%
JAMAICA	4.7%	17.8%	17.0%	3.6%	2.9%	4.4%	7.1%	6.2%	2.9%	8.2%	2.9%	9.8%	6.7%	5.8%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%

Prepared by Registrar General's Department

TABLE 8

**QUARTERLY STATISTICS OF LIVE BIRTHS OCCURRING IN 2003 SHOWING GENDER,
MARITAL STATUS, INSTITUTIONS AND LIVE BIRTH OUTCOMES**

Quarter of occurrence	Total	Males	Females	Unknown	Births in and out of Wedlock			Institutions		Live Birth Outcome			
					In-Wedlock	Out of Wedlock		In Institutions	Not in Institutions	Single Live Births	Live Born Twins	Live Born Triplets	
						Total Out of Wedlock	Father Registered						Other
Jan - Mar	10,900	5,528	5,372	0	1,791	9,109	4,138	4,971	10,364	536	10,679	106	3
April - June	9,441	4,842	4,598	1	1,611	7,830	3,468	4,362	9,033	408	9,218	110	1
July - Sept	11,025	5,590	5,435	0	1,771	9,254	4,059	5,195	10,555	470	10,818	102	1
Oct - Dec	12,041	6,174	5,867	0	1,934	10,107	4,768	5,339	11,583	458	11,796	121	1
Total	43,407	22,134	21,272	1	7,107	36,300	16,433	19,867	41,535	1,872	42,511	439	6

Prepared by Registrar General's Department

TABLE 9

LIVE BIRTHS OCCURRING IN 2003 BY AGE OF MOTHER AND LIVE BIRTH ORDER

AGE OF MOTHER	LIVE BIRTH ORDER																		Total
	1st Born	2nd Born	3rd Born	4th Born	5th Born	6th Born	7th Born	8th Born	9th Born	10th Born	11th Born	12th Born	13th Born	14th Born	15th Born	16th Born	17th Born	Unk	
Under 15	300	9	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	311
15-19	6,430	1,474	176	21	-	-	-	1	-	-	-	-	-	-	-	-	-	8	8,110
20-24	4,949	4,188	2,071	605	114	14	2	2	-	-	-	-	-	1	-	-	-	8	11,954
25-29	2,074	2,707	2,220	1,353	661	252	68	12	3	-	-	-	-	-	-	-	-	12	9,362
30-34	903	1,727	1,627	1,407	977	528	269	102	41	5	1	-	-	-	-	-	-	9	7,596
35-39	304	721	931	828	663	499	343	173	111	47	14	7	1	-	-	-	-	-	4,642
40-44	46	139	201	229	199	162	122	113	63	36	20	3	3	-	2	-	-	2	1,340
45-49	3	5	8	14	6	3	2	7	4	3	1	-	1	-	-	-	-	-	57
50 & over	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
UNK	13	5	6	7	-	2	1	-	-	-	-	-	-	-	-	-	-	-	34
TOTAL	15,022	10,975	7,241	4,465	2,621	1,460	807	410	222	91	36	10	5	1	2	0	0	39	43,407

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TABLE 9a
LIVE BIRTHS OCCURRING IN 2003 BY AGE OF MOTHER
AND BY PARISH OF OCCURRENCE

AGE OF MOTHER	PARISH OF OCCURRENCE														TOTAL
	Kgn	St. And	St.Cath	St. Thom	Port	St. Mary	St. Ann	West	Han	St. Jam	Trel	Clar	Manc	St. Eliz	
Under 15	82	6	34	4	7	9	29	29	2	34	11	24	39	1	311
15-19	1,752	188	1,039	313	182	338	671	565	87	850	163	717	982	263	8,110
20-24	2,438	671	1,563	403	216	477	1,048	761	158	1,228	216	983	1,399	393	11,954
25-29	1,770	934	1,224	296	183	312	775	573	86	966	156	684	1,115	288	9,362
30-34	1,479	861	985	241	169	237	582	448	96	767	115	517	897	202	7,596
35-39	886	532	568	149	100	163	399	272	63	421	72	332	552	133	4,642
40-44	239	134	157	39	29	50	114	87	23	140	25	94	177	32	1,340
45-49	15	7	11	-	-	1	3	3	-	3	-	6	7	1	57
50 & over	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
unknown	5	1	9	4	-	3	2	1	2	1	-	5	1	-	34
Total	8,666	3,334	5,590	1,449	886	1,590	3,623	2,739	517	4,410	758	3,363	5,169	1,313	43,407

Prepared by Registrar General's Department

TABLE 9b
LIVE BIRTHS OCCURRING IN 2003 BY AGE OF MOTHER
AND BY PARISH OF RESIDENCE OF MOTHER

AGE OF MOTHER	PARISH OF RESIDENCE OF MOTHER														Out of Jamaica				Unknown	TOTAL
	Kgn	St. And	St.Cath	St. Thom	Port	St. Mary	St. Ann	West	Han	St. Jam	Trel	Clar	Manc	St. Eliz	Canada	USA	England	Bahamas		
Under 15	28	50	44	4	7	16	22	31	8	26	14	27	24	10	-	-	-	-	-	311
15-19	416	1,335	1,182	324	253	374	577	589	217	683	274	873	498	510	1	-	-	-	4	8,110
20-24	583	2,072	1,927	426	329	558	881	764	358	988	357	1,242	786	678	-	-	1	-	4	11,954
25-29	378	1,775	1,651	323	240	401	663	560	226	802	259	887	660	528	-	1	-	1	7	9,362
30-34	347	1,380	1,498	267	238	278	507	431	238	613	207	654	507	428	-	-	-	-	3	7,596
35-39	211	883	833	165	144	209	330	255	162	325	127	421	323	254	-	-	-	-	-	4,642
40-44	54	235	224	41	48	62	92	73	59	118	30	128	88	88	-	-	-	-	-	1,340
45-49	6	15	10	-	-	1	3	3	2	1	-	9	3	4	-	-	-	-	-	57
50 & over	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
unknown	2	2	9	3	-	3	2	1	2	-	1	5	1	-	-	-	-	-	3	34
Total	2,025	7,747	7,378	1,553	1,259	1,902	3,077	2,707	1,272	3,556	1,269	4,247	2,890	2,500	1	1	1	1	21	43,407

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DEATHS

TABLE 10

DEATHS OCCURRING IN 2003 BY PARISH AND MONTH OF OCCURRENCE

PARISHES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOTAL
South Eastern Region													
KINGSTON	206	199	211	210	178	171	188	179	160	173	183	200	2,258
ST. ANDREW	211	214	207	199	228	224	216	207	188	215	208	229	2,546
ST. CATHERINE	165	150	129	119	143	162	153	127	132	160	158	147	1,745
ST. THOMAS	73	54	52	47	48	42	56	42	29	40	48	54	585
Sub-Total	655	617	599	575	597	599	613	555	509	588	597	630	7,134
North Eastern Region													
PORTLAND	49	41	47	32	36	28	35	28	27	33	35	48	439
ST. MARY	74	55	61	32	55	56	56	50	45	56	42	53	635
ST. ANN	90	66	82	75	71	66	75	69	71	83	66	95	909
Sub-Total	213	162	190	139	162	150	166	147	143	172	143	196	1,983
Western Region													
WESTMORELAND	69	54	69	62	63	68	56	73	69	44	54	69	750
HANOVER	34	27	24	29	34	30	18	23	22	27	14	28	310
ST. JAMES	99	83	78	78	80	72	51	83	84	85	86	105	984
TRELAWNY	37	38	30	34	36	23	35	32	31	40	19	37	392
Sub-Total	239	202	201	203	213	193	160	211	206	196	173	239	2,436
Southern Region													
CLARENDON	112	92	97	74	72	63	95	77	103	85	84	73	1,027
MANCHESTER	167	110	109	103	105	112	130	98	105	114	124	136	1,413
ST. ELIZABETH	65	54	61	65	70	60	54	42	67	46	33	57	674
Sub-Total	344	256	267	242	247	235	279	217	275	245	241	266	3,114
JAMAICA	1,451	1,237	1,257	1,159	1,219	1,177	1,218	1,130	1,133	1,201	1,154	1,331	14,667

Prepared by Registrar General's Department

TABLE 10a
DEATHS REGISTERED IN 2003 BY PARISH AND MONTH OF REGISTRATION

PARISHES OF REGISTRATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
South Eastern Region													
Kingston	213	224	217	224	179	149	197	157	181	166	163	216	2,286
St. Andrew	236	214	232	191	215	218	225	255	191	224	185	235	2,621
St. Catherine	200	154	154	123	133	153	154	114	146	164	154	172	1,821
St. Thomas	67	71	38	63	43	45	54	41	27	44	45	51	589
Sub-Total	716	663	641	601	570	565	630	567	545	598	547	674	7,317
North Eastern Region													
Portland	55	42	42	35	41	28	30	31	34	35	25	48	446
St. Mary	77	59	57	38	48	53	64	45	49	49	39	65	643
St. Ann	90	76	75	76	77	58	88	64	70	91	67	94	926
Sub-Total	222	177	174	149	166	139	182	140	153	175	131	207	2,015
Western Region													
Westmoreland	76	59	64	55	70	69	70	55	80	52	46	67	763
Hanover	44	21	24	31	31	32	17	19	29	30	13	25	316
St. James	92	79	75	123	91	87	63	69	64	84	86	88	1,001
Trelawny	38	35	28	31	37	29	35	24	18	47	27	39	388
Sub-Total	250	194	191	240	229	217	185	167	191	213	172	219	2,468
Southern Region													
Clarendon	116	88	98	75	68	71	87	86	101	87	73	72	1,022
Manchester	188	114	117	100	111	108	136	96	98	125	111	128	1,432
St. Elizabeth	68	58	65	55	70	56	60	49	66	54	34	50	685
Sub-Total	372	260	280	230	249	235	283	231	265	266	218	250	3,139
JAMAICA	1,560	1,294	1,286	1,220	1,214	1,156	1,280	1,105	1,154	1,252	1,068	1,350	14,939

Prepared by Registrar General's Department

TABLE 11

DEATHS REGISTERED IN EACH PARISH BY TYPE OF CERTIFICATION FOR 2003

PARISHES	Total	Medical	Post Mortems	Certificate Of Coroner (Form D)	Coroner's Certificate (Form E)	Total Certified Death	Total Uncertified Death	Percent Uncertified
South Eastern Region								
KINGSTON	2,286	1,511	-	101	-	1,612	674	29
ST. ANDREW	2,621	1,973	41	152	121	2,287	334	13
ST. CATHERINE	1,821	1,663	83	61	7	1,814	7	0
ST. THOMAS	589	584	-	4	1	589	-	-
Sub-Total	7,317	5,731	124	318	129	6,302	1,015	43
North Eastern Region								
PORTLAND	446	434	4	8	-	446	-	-
ST. MARY	643	587	51	3	1	642	1	0
ST. ANN	926	804	83	19	9	915	11	1
Sub-Total	2,015	1,825	138	30	10	2,003	12	1
Western Region								
WESTMORELAND	763	708	26	10	15	759	4	1
HANOVER	316	300	7	5	1	313	3	1
ST. JAMES	1,001	828	107	25	-	960	41	4
TRELAWNY	388	349	29	2	5	385	3	1
Sub-Total	2,468	2,185	169	42	21	2,417	51	6
Southern Region								
CLARENDON	1,022	926	56	8	29	1,019	3	0
MANCHESTER	1,432	1,397	19	16	-	1,432	-	-
ST. ELIZABETH	685	639	34	9	-	682	3	0
Sub-Total	3,139	2,962	109	33	29	3,133	6	1
JAMAICA	14,939	12,703	540	423	189	13,855	1,084	51

N.B. Data for 2003 registered total is pro-rated using 2001 ratios

Prepared by Registrar General's Department

TABLE 12

DEATHS REGISTERED IN 2003 BY PARISH AND PLACE OF DEATH

PARISHES	PUBLIC HOSPITAL	PRIVATE HOSPITAL	OTHER	TOTAL
South Eastern Region				
KINGSTON	1,864	170	252	2,286
ST. ANDREW	1,267	152	1,202	2,621
ST. CATHERINE	780	16	1,025	1,821
ST. THOMAS	280	5	304	589
Sub-Total	4,191	343	2,783	7,317
North Eastern Region				
PORTLAND	145	0	301	446
ST. MARY	308	11	324	643
ST. ANN	435	2	489	926
Sub-Total	888	13	1,114	2,015
Western Region				
WESTMORELAND	335	3	425	763
HANOVER	126	3	187	316
ST. JAMES	568	71	362	1,001
TRELAWNY	149	3	236	388
Sub-Total	1,178	80	1,210	2,468
Southern Region				
CLARENDON	345	0	677	1,022
MANCHESTER	220	51	1,161	1,432
ST. ELIZABETH	131	23	531	685
Sub-Total	696	74	2,369	3,139
JAMAICA	6,953	510	7,476	14,939

*This Table includes deaths from other years.

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TABLE 13

TOTAL DEATHS REGISTERED IN 2003 CLASSIFIED BY
PARISH OF RESIDENCE OF DECEASED

Parish of Registration	Total	KGN	ST. ANDR	ST. CATH	ST. THOM	PORT	ST. MARY	ST. ANN	WEST	HAN	ST. JAM	TREL	CLAR	MAN	ST. ELIZ	Out of Jam.	Un-known
South Eastern Region																	
KINGSTON	2,286	759	957	290	35	24	33	31	10	3	8	7	57	26	23	2	21
ST. ANDREW	2,621	72	1,946	274	37	26	37	30	17	7	17	5	67	36	29	7	14
ST. CATHERINE	1,821	1	16	1,745	1	1	7	13	1	1	2	0	22	3	1	1	6
ST. THOMAS	589	1	4	2	560	15	0	0	1	0	0	0	1	0	0	0	5
Sub-Total	7,317	833	2,923	2,311	633	66	77	74	29	11	27	12	147	65	53	10	46
North Eastern Region																	
PORTLAND	446	1	1	3	0	436	2	0	0	0	1	0	0	0	1	0	1
ST. MARY	643	2	2	1	1	38	591	5	0	0	0	0	1	0	0	0	2
ST. ANN	926	0	1	6	1	4	68	823	0	1	2	8	4	0	0	5	3
Sub-Total	2,015	3	4	10	2	478	661	828	0	1	3	8	5	0	1	5	6
Western Region																	
WESTMORELAND	763	0	1	0	0	0	0	1	721	18	2	0	1	1	2	5	11
HANOVER	316	1	0	0	0	0	0	0	1	310	2	0	0	0	0	1	1
ST. JAMES	1,001	1	2	2	1	1	4	7	49	72	795	35	1	1	6	4	20
TRELAWNY	388	1	0	0	0	0	0	1	1	0	8	376	0	1	0	0	0
Sub-Total	2,468	3	3	2	1	1	4	9	772	400	807	411	2	3	8	10	32
Southern Region																	
CLARENDON	1,022	0	3	8	0	0	2	2	1	1	1	0	991	8	0	0	5
MANCHESTER	1,432	1	9	4	0	0	1	23	2	0	1	37	143	1,037	174	0	0
ST. ELIZABETH	685	1	3	0	0	0	0	1	10	4	1	2	1	3	656	0	3
Sub-Total	3,139	2	15	12	0	0	3	26	13	5	3	39	1,135	1,048	830	0	8
JAMAICA	14,939	841	2,945	2,335	636	545	745	937	814	417	840	470	1,289	1,116	892	25	92

*This Table includes deaths from other years.

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TABLE 13a

TOTAL DEATHS OCCURRING IN 2003 CLASSIFIED BY
PARISH OF RESIDENCE OF DECEASED

Parish of Occurrence	Total	KGN	ST. ANDR	ST. CATH	ST. THOM	PORT	ST. MARY	ST. ANN	WEST	HAN	ST. JAM	TREL	CLAR	MAN	ST. ELIZ	Out of Jam.	Un-known
South Eastern Region																	
KINGSTON	2258	757	934	282	34	22	33	32	9	4	9	8	61	30	23	1	19
ST. ANDREW	2546	69	1881	273	35	29	38	31	16	6	18	5	68	31	27	8	11
ST. CATHERINE	1745	1	12	1678	0	1	6	15	1	1	2	0	18	3	1	2	4
ST. THOMAS	585	1	4	2	557	15	0	0	1	0	0	0	1	0	0	0	4
Sub-Total	7134	828	2831	2235	626	67	77	78	27	11	29	13	148	64	51	11	38
North Eastern Region																	
PORTLAND	439	1	1	3	0	430	1	0	0	0	1	0	0	0	0	0	2
ST. MARY	635	3	3	1	1	38	581	5	0	0	0	0	1	0	0	0	2
ST. ANN	909	0	1	3	1	4	65	814	0	0	2	7	4	0	0	6	2
Sub-Total	1983	4	5	7	2	472	647	819	0	0	3	7	5	0	0	6	6
Western Region																	
WESTMORELAND	750	0	1	0	0	0	1	1	718	16	2	0	1	1	2	6	1
HANOVER	310	0	0	0	0	0	0	0	1	305	2	0	0	0	0	1	1
ST. JAMES	984	1	2	2	0	1	3	7	47	71	795	30	0	1	7	4	13
TRELAWNY	392	1	0	0	0	0	0	1	1	0	7	381	0	1	0	0	0
Sub-Total	2436	2	3	2	0	1	4	9	767	392	806	411	1	3	9	11	15
Southern Region																	
CLARENDON	1027	0	3	9	0	0	2	3	1	1	1	0	997	7	0	0	3
MANCHESTER	1413	1	10	4	0	0	1	22	2	0	1	38	137	1023	174	0	0
ST. ELIZABETH	674	0	0	0	0	0	0	1	9	4	1	2	1	3	650	0	3
Sub-Total	3114	1	13	13	0	0	3	26	12	5	3	40	1135	1033	824	0	6
JAMAICA	14667	835	2852	2257	628	540	731	932	806	408	841	471	1289	1100	884	28	65

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MORTALITY DATA

TABLE 14
Leading Causes of Deaths for Infants and Pre-schoolers by Cause and Age for 2003 (Males and Females)

ICD-10 MORTALITY SUMMARY CODES			M A L E S	F E M A L E S	LESS THAN ONE DAY	DAYS 1 to 6	DAYS 7 to 27	DAYS 28 to 365	Y E A R 1	Y E A R 2	Y E A R 3	Y E A R 4	A G E U N K N O W N	T O T A L
3-039	Disorders relating to length of gestation and fetal growth	P05-P08	96	67	8	120	24	9	2	0	0	0	0	163
3-052	Congenital malformations of the heart	Q20-Q24	20	19	1	10	0	9	4	8	4	3	0	39
3-058	Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R94,R96-R99	16	20	0	13	2	8	2	7	0	3	1	36
3-055	Other congenital malformations	Q10-Q18,Q30-Q89	14	19	1	13	4	9	4	0	0	2	0	33
3-044	Other respiratory conditions of newborn	P24-P28	21	11	1	21	4	6	0	0	0	0	0	32
3-042	Respiratory distress of newborn	P22	12	16	7	20	1	0	0	0	0	0	0	28
3-012	Human immunodeficiency virus (HIV)	B20-B24	13	13	0	2	0	8	6	4	0	6	0	26
3-048	Remainder of perinatal conditions	P29,P35,P37,P39,P70-P96	11	13	0	8	4	8	4	0	0	0	0	24
3-047	Haemorrhagic and haematological disorders of fetus and newborn	P50-P61	15	8	0	16	1	4	0	2	0	0	0	23
3-041	Intrauterine hypoxia and birth asphyxia	P20-P21	11	8	1	16	0	2	0	0	0	0	0	19
3-045	Bacterial sepsis of newborn	P36	10	7	0	11	3	3	0	0	0	0	0	17
3-028	Remainder of diseases of the nervous system	G04-G98	8	8	0	1	1	4	2	2	2	4	0	16
3-018	Remainder of malignant neoplasms	C00-C90,C96-C97	7	6	0	0	0	1	2	0	8	2	0	13
3-034	Remainder of diseases of the respiratory system	J30-J98	6	6	1	0	0	1	4	6	0	0	0	12
TOTAL DEATHS FROM LEADING CAUSES			260	221	20	251	44	72	30	29	14	20	1	481

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TABLE 14a
Deaths for Male Infants and Pre-schoolers by Cause and Age for 2003

ICD-10 MORTALITY SUMMARY CODES			LESS THAN ONE DAY	DAYS 1 to 6	DAYS 7 to 27	DAYS 28 to 365	Y E A R 1	Y E A R 2	Y E A R 3	Y E A R 4	U N K N N A O G W E N	T O T A L
3-001	Certain infectious and parasitic diseases	A00-B99	0	2	0	7	4	2	3	3	0	21
3-002	Diarrhoea and Gastroenteritis of presumed infectious origin	A09	0	0	0	1	1	0	0	0	0	2
3-003	Other intestinal infectious diseases	A01-A08	0	0	0	2	0	0	1	0	0	3
3-004	Tuberculosis	A15-A19	0	0	0	0	0	0	0	0	0	0
3-005	Tetanus	A33,A35	0	0	0	0	0	0	0	0	0	0
3-006	Diphtheria	A36	0	0	0	0	0	0	0	0	0	0
3-007	Whooping Cough	A37	0	0	0	0	0	0	0	0	0	0
3-008	Meningococcal infection	A39	0	0	0	0	0	0	0	0	0	0
3-009	Septicaemia	A40-A41	0	0	0	0	0	0	1	0	0	1
3-010	Acute Poliomyelitis	A80	0	0	0	0	0	0	0	0	0	0
3-011	Measles	B05	0	0	0	0	0	0	0	0	0	0
3-012	Human immunodeficiency virus (HIV)	B20-B24	0	2	0	3	3	2	0	3	0	13
3-013	Other viral diseases	A81-B04, B06-B19,B25-B34	0	0	0	0	0	0	0	0	0	0
3-014	Malaria	B50-B54	0	0	0	0	0	0	0	0	0	0
3-015	Remainder of certain infectious and parasitic disease	A20-A32,A38,A42-A79, B35-B49,B55-B94,B99	0	0	0	1	0	0	1	0	0	2
3-016	NEOPLASMS	C00-D48	0	1	0	2	4	1	6	1	0	15
3-017	Leukemia	C91-C95	0	0	0	1	3	1	0	0	0	5
3-018	Remainder of malignant neoplasms	C00-C90,C96-C97	0	0	0	1	1	0	4	1	0	7
3-019	Remainder of neoplasms	D00-D48	0	1	0	0	0	0	2	0	0	3
3-020	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89	0	0	0	6	1	0	0	3	0	10
3-021	Anaemias	D50-D64	0	0	0	1	0	0	0	2	0	3
3-022	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D65-D89	0	0	0	5	1	0	0	1	0	7

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TABLE 14a
Deaths for Male Infants and Pre-schoolers by Cause and Age for 2003

ICD-10 MORTALITY SUMMARY CODES			LESS THAN ONE DAY	DAYS 1 to 6	DAYS 7 to 27	DAYS 28 to 365	Y E A R 1	Y E A R 2	Y E A R 3	Y E A R 4	U N K N O W N A O G W E N	T O T A L
3-023	Endocrine, nutritional and metabolic diseases	E00-E88	0	0	0	3	3	3	0	2	0	11
3-024	Malnutrition and other nutritional deficiencies	E40-E64	0	0	0	3	2	1	0	1	0	7
3-025	Remainder of endocrine, nutritional and metabolic diseases	E00-E34,E65-E88	0	0	0	0	1	2	0	1	0	4
3-026	Diseases of the nervous system	G00-G98	0	0	2	2	1	1	1	2	0	9
3-027	Meningitis	G00,G03	0	0	1	0	0	0	0	0	0	1
3-028	Remainder of diseases of the nervous system	G04-G98	0	0	1	2	1	1	1	2	0	8
3-029	Diseases of the ear and mastoid process	H60-H93	0	0	0	0	0	0	0	0	0	0
3-030	Diseases of the circulatory system	I00-I99	1	2	0	0	0	3	0	0	0	6
3-031	Diseases of the respiratory system	J00-J98	0	0	0	3	4	4	0	0	0	11
3-032	Pneumonia	J12-J18	0	0	0	1	1	1	0	0	0	3
3-033	Other acute respiratory infections	J00-J11,J20-J22	0	0	0	1	1	0	0	0	0	2
3-034	Remainder of diseases of the respiratory system	J30-J98	0	0	0	1	2	3	0	0	0	6
3-035	Diseases of the digestive system	K00-K92	0	1	0	0	0	2	0	0	1	4
3-036	Diseases of the genitourinary system	N00-N98	0	0	0	1	0	0	0	0	0	1
3-037	Certain conditions originating in the perinatal period	P00-P96	8	139	20	20	3	1	0	0	0	191
3-038	Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	P00-P04	0	8	0	0	0	0	0	0	0	8
3-039	Disorders relating to length of gestation and fetal growth	P05-P08	5	70	14	6	1	0	0	0	0	96
3-040	Birth trauma	P10-P15	0	4	1	0	0	0	0	0	0	5
3-041	Intrauterine hypoxia and birth asphyxia	P20-P21	0	10	0	1	0	0	0	0	0	11
3-042	Respiratory distress of newborn	P22	3	9	0	0	0	0	0	0	0	12
3-043	Congenital pneumonia	P23	0	1	0	1	0	0	0	0	0	2
3-044	Other respiratory conditions of newborn	P24-P28	0	15	2	4	0	0	0	0	0	21
3-045	Bacterial sepsis of newborn	P36	0	7	1	2	0	0	0	0	0	10
3-046	Omphalitis of newborn with or without mild haemorrhage	P38	0	0	0	0	0	0	0	0	0	0
3-047	Haemorrhagic and haematological disorders of fetus and newborn	P50-P61	0	11	1	2	0	1	0	0	0	15
3-048	Remainder of perinatal conditions	P29,P35,P37,P39,P70-P96	0	4	1	4	2	0	0	0	0	11

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TABLE 14a
Deaths for Male Infants and Pre-schoolers by Cause and Age for 2003

ICD-10 MORTALITY SUMMARY CODES			LESS THAN ONE DAY	DAYS 1 to 6	DAYS 7 to 27	DAYS 28 to 365	YEAR 1	YEAR 2	YEAR 3	YEAR 4	UNKNOWN AGE	TOTAL
3-049	Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	1	12	3	12	5	4	2	4	0	43
3-050	Congenital hydrocephalus and spina bifida	Q03,Q05	0	0	0	0	0	0	0	0	0	0
3-051	Other congenital malformations of the nervous system	Q00-Q02,Q04,Q06-Q07	0	0	0	1	1	0	0	0	0	2
3-052	Congenital malformations of the heart	Q20-Q24	1	4	0	5	2	4	2	2	0	20
3-053	Other congenital malformations of the circulatory system	Q25-Q28	0	2	1	0	0	0	0	0	0	3
3-054	Down's syndrome and other chromosomal abnormalities	Q90-Q99	0	1	0	2	0	0	0	1	0	4
3-055	Other congenital malformations	Q10-Q18,Q30-Q89	0	5	2	4	2	0	0	1	0	14
3-056	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	0	6	1	2	1	4	1	2	0	17
3-057	Sudden infant death syndrome	R95	0	0	0	0	0	0	1	0	0	1
3-058	Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R94,R96-R99	0	6	1	2	1	4	0	2	0	16
3-059	All other diseases	F01-F99,H00-H59,L00-L98,M00-M99	0	0	0	0	0	0	0	0	0	0
3-060	External causes of morbidity and mortality	V01-Y89	0	0	0	2	0	0	0	0	0	2
3-061	Transport accidents	V01-V99	0	0	0	0	0	0	0	0	0	0
3-062	Accidental drowning and submersion	W65-W74	0	0	0	0	0	0	0	0	0	0
3-063	Other accidental threats to breathing	W75-W84	0	0	0	0	0	0	0	0	0	0
3-064	Exposure to smoke, fire and flames	X00-X09	0	0	0	1	0	0	0	0	0	1
3-065	Accidental poisoning by and exposure to noxious substances	X40-X49	0	0	0	0	0	0	0	0	0	0
3-066	Assault	X85-Y09	0	0	0	0	0	0	0	0	0	0
3-067	All other external causes	W00-W64,W85-W99,X10-X39,X50-X84,Y10-Y89	0	0	0	1	0	0	0	0	0	1
TOTALS FOR YEAR			10	163	26	60	26	25	13	17	1	341

TABLE 14b
Deaths for Female Infants and Pre-schoolers by Cause and Age for 2003

ICD-10 MORTALITY SUMMARY CODES			LESS THAN ONE DAY	DAYS 1 to 6	DAYS 7 to 27	DAYS 28 to 365	Y E A R 1	Y E A R 2	Y E A R 3	Y E A R 4	U N K N O W N A O G W E N	T O T A L
3-001	Certain infectious and parasitic diseases	A00-B99	0	0	0	9	4	2	2	3	0	20
3-002	Diarrhoea and Gastroenteritis of presumed infectious origin	A09	0	0	0	2	1	0	0	0	0	3
3-003	Other intestinal infectious diseases	A01-A08	0	0	0	0	0	0	1	0	0	1
3-004	Tuberculosis	A15-A19	0	0	0	0	0	0	0	0	0	0
3-005	Tetanus	A33,A35	0	0	0	0	0	0	0	0	0	0
3-006	Diphtheria	A36	0	0	0	0	0	0	0	0	0	0
3-007	Whooping Cough	A37	0	0	0	0	0	0	0	0	0	0
3-008	Meningococcal infection	A39	0	0	0	0	0	0	0	0	0	0
3-009	Septicaemia	A40-A41	0	0	0	2	0	0	0	0	0	2
3-010	Acute Poliomyelitis	A80	0	0	0	0	0	0	0	0	0	0
3-011	Measles	B05	0	0	0	0	0	0	0	0	0	0
3-012	Human immunodeficiency virus (HIV)	B20-B24	0	0	0	5	3	2	0	3	0	13
3-013	Other viral diseases	A81-B04, B06-B19,B25-B34	0	0	0	0	0	0	0	0	0	0
3-014	Malaria	B50-B54	0	0	0	0	0	0	0	0	0	0
3-015	Remainder of certain infectious and parasitic disease	A20-A32,A38,A42-A79, B35-B49,B55-B94,B99	0	0	0	0	0	0	1	0	0	1
3-016	NEOPLASMS	C00-D48	0	0	0	1	4	1	6	1	0	13
3-017	Leukemia	C91-C95	0	0	0	1	3	1	0	0	0	5
3-018	Remainder of malignant neoplasms	C00-C90,C96-C97	0	0	0	0	1	0	4	1	0	6
3-019	Remainder of neoplasms	D00-D48	0	0	0	0	0	0	2	0	0	2
3-020	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89	0	0	0	2	1	0	0	3	0	6
3-021	Anaemias	D50-D64	0	0	0	0	0	0	0	2	0	2
3-022	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D65-D89	0	0	0	2	1	0	0	1	0	4

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TABLE 14b
Deaths for Female Infants and Pre-schoolers by Cause and Age for 2003

ICD-10 MORTALITY SUMMARY CODES			LESS THAN ONE DAY	DAYS 1 to 6	DAYS 7 to 27	DAYS 28 to 365	Y E A R 1	Y E A R 2	Y E A R 3	Y E A R 4	U N K N O W N A G W E N	T O T A L
3-023	Endocrine, nutritional and metabolic diseases	E00-E88	0	1	0	0	3	3	3	2	0	9
3-024	Malnutrition and other nutritional deficiencies	E40-E64	0	0	0	0	2	1	0	1	0	4
3-025	Remainder of endocrine, nutritional and metabolic diseases	E00-E34,E65-E88	0	1	0	0	1	2	0	1	0	5
3-026	Diseases of the nervous system	G00-G98	0	1	0	4	1	1	1	2	0	10
3-027	Meningitis	G00,G03	0	0	0	2	0	0	0	0	0	2
3-028	Remainder of diseases of the nervous system	G04-G98	0	1	0	2	1	1	1	2	0	8
3-029	Diseases of the ear and mastoid process	H60-H93	0	0	0	0	0	0	0	0	0	0
3-030	Diseases of the circulatory system	I00-I99	0	1	0	1	0	3	0	0	0	5
3-031	Diseases of the respiratory system	J00-J98	1	0	0	2	4	4	0	0	0	11
3-032	Pneumonia	J12-J18	0	0	0	2	1	1	0	0	0	4
3-033	Other acute respiratory infections	J00-J11,J20-J22	0	0	0	0	1	0	0	0	0	1
3-034	Remainder of diseases of the respiratory system	J30-J98	1	0	0	0	2	3	0	0	0	6
3-035	Diseases of the digestive system	K00-K92	0	0	0	0	0	1	0	0	0	1
3-036	Diseases of the genitourinary system	N00-N98	0	0	0	0	0	0	0	0	0	0
3-037	Certain conditions originating in the perinatal period	P00-P96	10	89	19	15	3	1	0	0	0	137
3-038	Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	P00-P04	0	0	0	0	0	0	0	0	0	0
3-039	Disorders relating to length of gestation and fetal growth	P05-P08	3	50	10	3	1	0	0	0	0	67
3-040	Birth trauma	P10-P15	1	3	0	0	0	0	0	0	0	4
3-041	Intrauterine hypoxia and birth asphyxia	P20-P21	1	6	0	1	0	0	0	0	0	8
3-042	Respiratory distress of newborn	P22	4	11	1	0	0	0	0	0	0	16
3-043	Congenital pneumonia	P23	0	0	1	2	0	0	0	0	0	3
3-044	Other respiratory conditions of newborn	P24-P28	1	6	2	2	0	0	0	0	0	11
3-045	Bacterial sepsis of newborn	P36	0	4	2	1	0	0	0	0	0	7
3-046	Omphalitis of newborn with or without mild haemorrhage	P38	0	0	0	0	0	0	0	0	0	0
3-047	Haemorrhagic and haematological disorders of fetus and newborn	P50-P61	0	5	0	2	0	1	0	0	0	8
3-048	Remainder of perinatal conditions	P29,P35,P37,P39,P70-P96	0	4	3	4	2	0	0	0	0	13

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TABLE 14b
Deaths for Female Infants and Pre-schoolers by Cause and Age for 2003

ICD-10 MORTALITY SUMMARY CODES			LESS THAN ONE DAY	DAYS 1 to 6	DAYS 7 to 27	DAYS 28 to 365	Y E A R 1	Y E A R 2	Y E A R 3	Y E A R 4	U N K N O W N A O G W E N	T O T A L
3-049	Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	1	16	2	12	5	4	2	4	0	46
3-050	Congenital hydrocephalus and spina bifida	Q03,Q05	0	0	0	1	0	0	0	0	0	1
3-051	Other congenital malformations of the nervous system	Q00-Q02,Q04,Q06-Q07	0	2	0	0	1	0	0	1	0	4
3-052	Congenital malformations of the heart	Q20-Q24	0	6	0	4	2	4	2	1	0	19
3-053	Other congenital malformations of the circulatory system	Q25-Q28	0	0	0	1	0	0	0	0	0	1
3-054	Down's syndrome and other chromosomal abnormalities	Q90-Q99	0	0	0	1	0	0	0	1	0	2
3-055	Other congenital malformations	Q10-Q18,Q30-Q89	1	8	2	5	2	0	0	1	0	19
3-056	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	0	7	1	6	1	3	1	1	1	21
3-057	Sudden infant death syndrome	R95	0	0	0	0	0	0	1	0	0	1
3-058	Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R94,R96-R99	0	7	1	6	1	3	0	1	1	20
3-059	All other diseases	F01-F99,H00-H59,L00-L98,M00-M99	0	0	0	0	0	0	0	0	0	0
3-060	External causes of morbidity and mortality	V01-Y89	0	0	0	1	0	0	0	0	0	1
3-061	Transport accidents	V01-V99	0	0	0	0	0	0	0	0	0	0
3-062	Accidental drowning and submersion	W65-W74	0	0	0	0	0	0	0	0	0	0
3-063	Other accidental threats to breathing	W75-W84	0	0	0	0	0	0	0	0	0	0
3-064	Exposure to smoke, fire and flames	X00-X09	0	0	0	0	0	0	0	0	0	0
3-065	Accidental poisoning by and exposure to noxious substances	X40-X49	0	0	0	0	0	0	0	0	0	0
3-066	Assault	X85-Y09	0	0	0	0	0	0	0	0	0	0
3-067	All other external causes	W99,X10-X39,X50-X84,Y10-Y89	0	0	0	1	0	0	0	0	0	1
TOTALS FOR YEAR			12	115	22	53	26	23	12	16	1	280

TABLE 15a
Summary of Adult Female Deaths by Cause and Age (5 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	A G E	T o t a l
			9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	0	0
1-001	Certain infectious and parasitic diseases	A00-B99	1	2	3	18	29	36	41	40	15	17	11	8	5	14	16	15	13	11	4	5	0	304
1-002	Cholera	A00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-003	Diarrhoea and Gastroenteritis of presumed infectious origin	A09	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	3	0	1	1	0	9
1-004	Other intestinal infectious diseases	A01-A08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-005	Respiratory Tuberculosis	A15-A16	0	0	0	1	0	0	1	1	0	2	0	1	0	1	1	1	0	0	0	0	0	9
1-006	Other Tuberculosis	A17-A19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-007	Plague	A20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-008	Tetanus	A33-A35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-009	Diphtheria	A36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-010	Whooping Cough	A37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-011	Meningococcal infection	A39	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
1-012	Septicaemia	A40-A41	0	0	0	1	2	0	0	1	1	1	1	2	3	8	11	12	10	10	3	4	0	70
1-013	Infections with a predominantly sexual mode of transmission	A50-A64	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1-014	Acute Poliomyelitis	A80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-015	Rabies	A82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-016	Yellow Fever	A95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-017	Other arthropod-borne viral fevers and viral haemorrhagic fevers	A90-A94, A96-A99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-018	Measles	B05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-019	Viral hepatitis	B15-B19	0	1	0	0	0	0	0	1	0	0	0	1	2	1	0	0	0	0	0	0	0	6
1-020	Human immunodeficiency virus (HIV) disease	B20-B24	1	1	3	15	26	34	36	32	13	12	9	4	1	1	2	0	0	0	0	0	0	190
1-021	Malaria	B50-B54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-022	Leishmaniasis	B55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-023	Trypanosomiasis	B56-B57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-024	Schistosomiasis	B65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-025	Remainder of certain infectious and parasitic disease	A21-A32, A38, A42-A49, A65-A79, A81, A83-A89, B00-B04, B06-B09, B25-B49, B58-B64, B66-B94, B99	0	0	0	1	1	2	3	4	0	1	1	1	0	1	0	2	0	1	0	0	0	18

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TABLE 15a
Summary of Adult Female Deaths by Cause and Age (5 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	U N K N O W N	T o t a l
1-026	NEOPLASMS	C00-D48	2	3	3	10	15	27	39	77	67	81	92	113	104	150	145	116	92	59	25	2	0	1222
1-027	Malignant neoplasm of lip, oral cavity and pharynx	C00-C14	0	0	0	0	0	0	1	1	0	0	1	1	3	2	0	1	1	0	0	0	0	12
1-028	Malignant neoplasm of oesophagus	C15	0	0	0	0	0	0	0	0	0	1	0	1	3	2	2	4	1	0	0	0	0	14
1-029	Malignant neoplasm of stomach	C16	0	0	0	0	0	1	0	2	0	0	2	10	3	7	21	8	9	8	2	0	0	73
1-030	Malignant neoplasm of colon, rectum and anus	C18-C21	0	0	0	0	0	2	1	3	4	6	9	5	16	15	20	12	10	4	0	0	0	107
1-031	Malignant neoplasm of liver and intrahepatic bile ducts	C22	0	1	0	0	0	1	1	1	3	0	3	2	4	5	5	5	2	1	0	0	0	34
1-032	Malignant neoplasm of pancreas	C25	0	0	0	0	0	1	1	1	0	2	1	6	10	8	6	2	2	0	0	0	0	40
1-033	Malignant neoplasm of larynx	C32	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
1-034	Malignant neoplasm of trachea, bronchus and lung	C33-C34	0	0	0	0	1	0	2	1	5	5	3	8	19	9	1	8	4	2	0	0	0	68
1-035	Malignant melanoma of skin	C43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
1-036	Malignant neoplasm of breast	C50	0	0	0	0	1	6	12	23	23	24	23	20	20	28	24	17	15	10	6	1	0	253
1-037	Malignant neoplasm of cervix uteri	C53	0	0	0	1	3	6	10	27	16	20	18	20	13	14	19	13	5	5	2	0	0	192
1-038	Malignant neoplasm of other and unspecified parts of uterus	C54-C55	0	0	0	0	0	0	2	4	1	3	10	9	2	4	8	9	1	0	0	0	0	53
1-039	Malignant neoplasm of ovary	C56	0	0	1	1	1	1	1	2	0	2	4	9	2	9	4	3	3	1	0	0	0	44
1-040	Malignant neoplasm of prostate	C61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-041	Malignant neoplasm of bladder	C67	0	0	0	0	0	0	1	1	0	0	2	0	1	1	2	0	1	1	0	0	0	10
1-042	Malignant neoplasm of meninges, brain and other parts of the central nervous system	C70-C72	0	0	0	1	0	1	0	0	0	1	0	3	0	1	0	2	0	0	0	0	0	9
1-043	Non-Hodgkin's lymphoma	C82-C85	0	0	0	1	2	2	2	3	5	3	1	1	4	3	1	4	1	0	0	0	0	33
1-044	Multiple myeloma and malignant plasma cell neoplasms	C90	0	0	0	0	0	0	0	0	1	4	5	4	4	0	0	1	0	2	0	0	0	21
1-045	Leukemia	C91-C95	1	0	0	2	3	5	3	1	5	0	4	3	5	6	0	3	2	0	0	0	0	43
1-046	Remainder of malignant neoplasms	C17,C23-C24, C26-C31, C37-C41, C44-C49,C51-C52,C57-C60,C62-C66,C68-C69,C73-C81,C88,C96-C97	1	1	2	4	4	4	6	7	6	15	15	9	16	17	24	15	14	13	3	1	0	177
1-047	Remainder of neoplasms	D00-D48	0	1	0	0	1	0	0	3	1	1	4	3	3	4	5	5	4	1	1	0	0	37

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TABLE 15a
Summary of Adult Female Deaths by Cause and Age (5 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	AGE UNKNOWN	TOTAL
1-048	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89	1	3	1	8	5	7	3	9	4	3	3	3	3	4	7	5	3	2	1	1	0	76
1-049	Anaemias	D50-D64	1	2	1	4	3	2	0	4	1	2	1	3	3	3	7	3	1	2	1	1	0	45
1-050	Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D65-D89	0	1	0	4	2	5	3	5	3	1	2	0	0	1	0	2	2	0	0	0	0	31
1-051	Endocrine, nutritional and metabolic diseases	E00-E88	1	0	2	1	6	6	6	14	25	31	49	78	122	163	167	164	143	74	28	7	0	1087
1-052	Diabetes mellitus	E10-E14	0	0	2	1	3	4	4	9	24	29	45	72	119	155	160	152	127	59	16	4	0	985
1-053	Malnutrition	E40-E46	1	0	0	0	0	0	1	0	0	0	1	2	1	3	4	3	8	10	4	0	0	38
1-054	Remainder of endocrine, nutritional and metabolic diseases	E00-E07, E15-E34, E50-E88	0	0	0	0	3	2	1	5	1	2	3	4	2	5	3	9	8	5	8	3	0	64
1-055	Mental and behavioural disorders	F01-F99	0	0	0	0	0	1	1	1	1	0	0	0	0	2	3	2	3	3	0	1	0	18
1-056	Mental and behavioural disorders due to psychoactive substance use	F10-F19	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
1-057	Remainder of mental and behavioural disorders	F01-F09, F20-F99	0	0	0	0	0	0	1	1	0	0	0	0	0	2	3	2	3	3	0	1	0	16
1-058	Diseases of the nervous system	G00-G98	5	4	2	1	7	5	7	4	1	4	2	7	10	10	14	9	24	8	8	2	1	135
1-059	Meningitis	G00, G03	1	1	0	0	2	0	2	0	0	1	0	1	1	1	0	1	3	0	0	0	1	15
1-060	Alzheimer's disease	G30	0	0	0	0	0	0	0	0	0	0	0	0	4	2	7	5	13	5	5	2	0	43
1-061	Remainder of diseases of the nervous system	G04-G25, G31-G98	4	3	2	1	5	5	5	4	1	3	2	6	5	7	7	3	8	3	3	0	0	77
1-062	Diseases of the eye and adnexa	H00-H57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-063	Diseases of the ear and mastoid process	H60-H93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 15a
Summary of Adult Female Deaths by Cause and Age (5 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	A G E U N K N O W N	T o t a l
			t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	& o v e r	
			9	4	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	0	0	
1-064	Diseases of the circulatory system	I00-I99	1	0	5	10	11	15	24	40	51	67	65	140	176	244	348	440	409	354	153	61	0	2614
1-065	Acute rheumatic fever and chronic rheumatic heart disease	I00-I09	0	0	1	4	1	0	1	2	0	1	0	2	0	0	1	1	0	0	0	0	0	14
1-066	Hypertensive diseases	I10-I14	0	0	0	3	0	4	8	5	14	18	19	30	32	48	69	95	85	71	19	12	0	532
1-067	Ischaemic heart disease	I20-I25	0	0	0	0	0	4	4	8	7	16	15	29	40	49	55	71	55	52	33	11	0	449
1-068	Other heart disease	I26-I51	1	0	4	2	6	4	6	9	12	12	6	23	25	29	39	56	65	71	36	14	0	420
1-069	Cerebrovascular disease	I60-I69	0	0	0	1	4	3	5	15	15	18	23	50	75	111	175	207	186	140	60	21	0	1109
1-070	Atherosclerosis	I70	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	7	9	2	2	0	25
1-071	Remainder of diseases of the circulatory system	I71-I99	0	0	0	0	0	0	1	3	2	2	5	4	6	8	8	11	11	3	1	0	0	65
1-072	Diseases of the respiratory system	J00-J98	2	1	4	1	9	8	9	7	8	15	12	14	23	35	44	64	90	74	37	16	0	473
1-073	Influenza	J10-J11	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1	3	1	1	0	0	9
1-074	Pneumonia	J12-J18	0	1	3	1	2	5	5	2	2	4	1	5	8	15	16	30	42	41	24	11	0	218
1-075	Other acute lower respiratory infections	J20-J22	0	0	1	0	1	1	0	0	1	2	1	2	2	0	3	8	12	8	2	3	0	47
1-076	Chronic lower respiratory infections	J40-J47	2	0	0	0	3	0	2	3	3	6	5	5	7	13	13	11	21	7	2	2	0	105
1-077	Remainder of diseases of the respiratory system	J00-J06, J30-J39, J60-J98	0	0	0	0	3	2	2	2	2	3	4	2	5	7	11	14	12	17	8	0	0	94
1-078	Diseases of the digestive system	K00-K92	1	0	1	3	4	4	3	7	5	14	15	8	10	16	17	27	22	15	5	1	0	178
1-079	Gastric and duodenal ulcer	K25-K27	0	0	0	0	1	1	1	0	1	5	1	0	2	4	3	3	4	4	0	0	0	30
1-080	Diseases of the liver	K70-K76	0	0	1	0	2	1	1	5	1	5	12	5	3	6	3	8	6	0	1	0	0	60
1-081	Remainder of diseases of the digestive system	K00-K22, K28-K66, K80-K92	1	0	0	3	1	2	1	2	3	4	2	3	5	6	11	16	12	11	4	1	0	88
1-082	Diseases of the skin and subcutaneous tissue	L00-L98	0	0	1	0	0	2	1	0	4	1	0	5	1	10	21	14	22	21	7	3	0	113
1-083	Diseases of the musculoskeletal system and connective tissue	M00-M99	0	0	3	7	6	10	8	14	3	11	4	3	2	2	1	4	1	8	2	2	0	91
1-084	Diseases of the genitourinary system	N00-N98	1	0	2	2	6	4	3	4	4	3	6	3	7	8	9	12	10	10	0	2	1	97
1-085	Glomerular and renal tubulo-interstitial diseases	N00-N15	0	0	0	0	1	0	0	0	1	0	0	0	1	1	2	2	0	0	0	0	0	8
1-086	Remainder of diseases of the genitourinary system	N17-N98	1	0	2	2	5	4	3	4	3	3	6	3	6	7	7	10	10	10	0	2	1	89

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TABLE 15b
Leading Causes of Deaths for Adult Males by Cause and Age (5 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	AGE UNKNOWN	TOTAL	
			9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9
1-069	Cerebrovascular disease	I60-I69	0	1	0	2	1	3	6	10	19	24	35	54	93	113	160	140	116	78	27	6	0	888	
1-040	Malignant neoplasm of prostate	C61	0	0	0	0	0	0	0	0	2	4	13	29	55	82	113	121	62	37	9	2	0	529	
1-052	Diabetes mellitus	E10-E14	0	0	1	0	1	1	7	5	4	23	30	48	68	70	97	72	58	21	4	2	0	512	
1-067	Ischaemic heart disease	I20-I25	0	0	0	0	1	5	6	10	11	23	39	41	55	71	69	79	45	31	14	4	0	504	
1-068	Other heart disease	I26-I51	1	1	1	2	2	7	4	13	19	17	22	31	34	36	62	68	59	34	16	3	0	432	
1-066	Hypertensive diseases	I10-I14	0	0	1	3	0	3	1	7	10	12	21	22	39	53	60	68	50	33	8	3	0	394	
1-076	Chronic lower respiratory infections	J40-J47	1	0	2	2	2	1	0	8	7	7	5	25	29	53	74	59	38	9	5	3	0	330	
1-103	All other external causes	W99,X10-X39, X50-X59,Y10-Y89	1	2	11	30	44	34	33	23	27	14	21	18	10	7	5	9	2	3	1	0	0	295	
1-034	Malignant neoplasm of trachea, bronchus and lung	C33-C34	0	0	0	0	1	1	2	4	13	21	26	37	52	47	38	18	11	0	0	1	0	272	
1-020	Human immunodeficiency virus (HIV) disease	B20-B24	5	1	0	6	25	46	49	45	30	23	20	11	2	4	0	0	0	0	0	0	0	267	
TOTAL DEATHS FROM LEADING CAUSES			8	5	16	45	77	101	108	125	142	168	232	316	437	536	678	634	441	246	84	24	0	4423	

NOTE : Cause of death category "Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)" not included

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TABLE 15c
Summary of Adult Male Deaths by Cause and Age (5 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			A G E																	T o t a l				
			5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85		90	95	100	
1-001	Certain infectious and parasitic diseases	A00-B99	7	2	0	7	31	53	58	49	39	31	28	18	13	19	9	18	12	14	4	0	0	412
1-002	Cholera	A00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-003	Diarrhoea and Gastroenteritis of presumed infectious origin	A09	1	0	0	0	0	0	0	1	0	0	1	0	1	3	0	2	1	2	0	0	0	12
1-004	Other intestinal infectious diseases	A01-A08	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1-005	Respiratory Tuberculosis	A15-A16	0	0	0	0	1	1	0	1	0	2	1	2	2	3	1	0	0	1	0	0	15	
1-006	Other Tuberculosis	A17-A19	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
1-007	Plague	A20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-008	Tetanus	A33-A35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-009	Diphtheria	A36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-010	Whooping Cough	A37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-011	Meningococcal infection	A39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-012	Septicaemia	A40-A41	1	0	0	0	1	0	0	3	1	2	4	6	8	5	14	10	11	2	0	0	68	
1-013	Infections with a predominantly sexual mode of transmission	A50-A64	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	
1-014	Acute Poliomyelitis	A80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-015	Rabies	A82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-016	Yellow Fever	A95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-017	Other arthropod-borne viral fevers and viral haemorrhagic fevers	A90-A94, A96-A99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-018	Measles	B05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-019	Viral hepatitis	B15-B19	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
1-020	Human immunodeficiency virus (HIV) disease	B20-B24	5	1	0	6	25	46	49	45	30	23	20	11	2	4	0	0	0	0	0	0	267	
1-021	Malaria	B50-B54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-022	Leishmaniasis	B55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-023	Trypanosomiasis	B56-B57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-024	Schistosomiasis	B65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-025	Remainder of certain infectious and parasitic disease	A21-A32,A38, A42-A49,A65-A79, A81, A83-A89,B00-B04,B06-B09,B25-B49, B58-B64, B66-B94,B99	0	1	0	1	5	5	8	3	4	5	1	2	2	1	1	1	1	1	1	0	0	43

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TABLE 15c
Summary of Adult Male Deaths by Cause and Age (5 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	A G E U N K N O W N	T o t a l
			t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l		
1-072	Diseases of the respiratory system	J00-J98	3	3	3	5	9	13	4	18	11	15	24	42	42	87	113	94	77	40	20	6	0	629
1-073	Influenza	J10-J11	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	3
1-074	Pneumonia	J12-J18	1	0	1	2	5	7	1	4	1	3	13	8	10	20	25	21	25	20	7	3	0	177
1-075	Other acute lower respiratory infections	J20-J22	0	1	0	0	0	0	1	1	0	2	2	2	0	4	4	6	7	5	3	0	0	38
1-076	Chronic lower respiratory infections	J40-J47	1	0	2	2	2	1	0	8	7	7	5	25	29	53	74	59	38	9	5	3	0	330
1-077	Remainder of diseases of the respiratory system	J00-J06,J30-J39,J60-J98	1	2	0	1	2	5	2	5	3	3	4	6	3	9	10	8	7	5	5	0	0	81
1-078	Diseases of the digestive system	K00-K92	0	1	4	2	2	3	8	8	14	25	13	22	24	34	36	25	17	5	2	1	1	247
1-079	Gastric and duodenal ulcer	K25-K27	0	0	0	1	0	0	0	4	2	5	3	4	2	8	13	2	4	0	0	0	0	48
1-080	Diseases of the liver	K70-K76	0	0	2	0	0	1	6	0	5	8	4	7	13	9	4	4	6	0	0	0	0	69
1-081	Remainder of diseases of the digestive system	K00-K22,K28-K66,K80-K92	0	1	2	1	2	2	2	4	7	12	6	11	9	17	19	19	7	5	2	1	1	130
1-082	Diseases of the skin and subcutaneous tissue	L00-L98	0	0	0	0	1	1	0	4	0	5	3	2	4	4	11	15	21	12	1	1	0	85
1-083	Diseases of the musculoskeletal system and connective tissue	M00-M99	0	0	0	5	2	11	13	9	7	6	9	3	0	2	2	3	2	4	1	1	0	80
1-084	Diseases of the genitourinary system	N00-N98	1	0	2	0	4	5	8	4	10	5	14	16	19	37	28	24	23	24	10	4	0	238
1-085	Glomerular and renal tubulo-interstitial diseases	N00-N15	1	0	0	0	1	1	1	0	0	0	1	1	1	5	1	0	1	2	0	1	0	17
1-086	Remainder of diseases of the genitourinary system	N17-N98	0	0	2	0	3	4	7	4	10	5	13	15	18	32	27	24	22	22	10	3	0	221

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TABLE 15c
Summary of Adult Male Deaths by Cause and Age (5 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	U N K N O W N	T o t a l
			t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l
1-087	Pregnancy, childbirth and the puerperium	O00-O99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-088	Pregnancy with abortive outcome	O00-O07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-089	Other direct obstetric deaths	O10-O92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-090	Indirect obstetric deaths	O98-O99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-091	Remainder of pregnancy, childbirth and the puerperium	O95-O97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-092	Certain conditions originating in the perinatal period	P00-P96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-093	Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	1	0	1	1	1	0	0	0	0	2	1	0	0	0	0	2	0	0	0	0	0	9
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	2	3	18	23	28	29	24	19	28	17	21	34	31	40	39	39	26	40	15	2	6	484
1-095	External causes of morbidity and mortality	V01-Y89	4	5	16	45	52	43	46	30	32	16	25	23	12	10	11	11	3	4	1	0	0	389
1-096	Transport accidents	V01-V99	1	0	3	8	3	4	3	3	3	1	1	4	0	1	4	0	0	0	0	0	0	39
1-097	Falls	W00-W19	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2
1-098	Accidental drowning and submersion	W65-W74	1	3	1	5	0	1	1	0	1	1	1	0	1	0	0	0	0	1	0	0	0	17
1-099	Exposure to smoke, fire and flames	X00-X09	0	0	0	0	1	0	2	0	0	0	0	1	0	1	1	0	0	0	0	0	0	6
1-100	Accidental poisoning by and exposure to noxious substances	X40-X49	0	0	0	0	1	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	5
1-101	Intentional self harm	X60-X84	1	0	0	0	0	1	2	0	0	0	0	0	1	1	0	0	0	0	0	0	0	6
1-102	Assault	X85-Y09	0	0	1	2	3	3	4	2	1	0	2	0	0	0	0	1	0	0	0	0	0	19
1-103	All other external causes	W20-W64, W75-W99, X10-X39, X50-X59, Y10-Y89	1	2	11	30	44	34	33	23	27	14	21	18	10	7	5	9	2	3	1	0	0	295
TOTALS FOR YEAR			39	31	62	111	162	210	222	227	295	309	402	524	690	855	1003	948	686	431	155	39	7	7408

TABLE 15d
Leading Causes of Deaths for Adults by Cause and Age (5 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	A G E	T o t a l	
			t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	t o t a l	
			9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	0	1997	
1-069	Cerebrovascular disease	I60-I69	0	1	0	3	5	6	11	25	34	42	58	104	168	224	335	347	302	218	87	27	0	1997	
1-052	Diabetes mellitus	E10-E14	0	0	3	1	4	5	11	14	28	52	75	120	187	225	257	224	185	80	20	6	0	1497	
1-067	Ischaemic heart disease	I20-I25	0	0	0	0	1	9	10	18	18	39	54	70	95	120	124	150	100	83	47	15	0	953	
1-066	Hypertensive diseases	I10-I14	0	0	1	6	0	7	9	12	24	30	40	52	71	101	129	163	135	104	27	15	0	926	
1-068	Other heart disease	I26-I51	2	1	5	4	8	11	10	22	31	29	28	54	59	65	101	124	124	105	52	17	0	852	
1-040	Malignant neoplasm of prostate	C61	0	0	0	0	0	0	0	2	4	13	29	55	82	113	121	62	37	9	2	0	0	529	
1-020	Human immunodeficiency virus (HIV) disease	B20-B24	6	2	3	21	51	80	85	77	43	35	29	15	3	5	2	0	0	0	0	0	0	0	457
1-076	Chronic lower respiratory infections	J40-J47	3	0	2	2	5	1	2	11	10	13	10	30	36	66	87	70	59	16	7	5	0	435	
1-046	Remainder of malignant neoplasms	C17,C23-C24, C26-C31, C37-C41, C44-C49,C51-C52,C57-C60,C62-C66,C68-C69,C73-C81,C88,C96-C97	5	4	4	6	5	5	9	13	18	30	29	23	42	55	49	46	29	18	11	1	0	0	402
1-074	Pneumonia	J12-J18	1	1	4	3	7	12	6	6	3	7	14	13	18	35	41	51	67	61	31	14	0	0	395
1-103	All other external causes	W20-W64, W75-W99,X10-X39, X50-X59,Y10-Y89	1	2	15	33	51	36	41	25	31	15	22	23	13	12	13	21	16	13	4	3	0	0	390
1-034	Malignant neoplasm of trachea, bronchus and lung	C33-C34	0	0	0	0	1	2	2	6	14	26	31	40	60	66	47	19	19	4	2	1	0	0	340
1-036	Malignant neoplasm of breast	C50	0	0	0	0	1	6	12	23	23	26	23	20	21	29	24	17	16	10	6	1	0	0	258
1-037	Malignant neoplasm of cervix uteri	C53	0	0	0	1	3	6	10	27	16	20	18	20	13	14	19	13	5	5	2	0	0	0	192
TOTAL DEATHS FROM LEADING CAUSES			18	11	37	80	142	186	218	279	295	368	444	613	841	1099	1341	1366	1119	754	305	107	0	9623	

* includes 5 males for this cause of death

NOTE : 1. Cause of death category "Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified (R00-R99)" not included
2. Figures in this table will not necessarily match addition of Tables 15 and 15b as the total item base of both male and females have been used to generate this table.

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TABLE 15e

Adult Female Deaths Showing Major Categories by Cause and Age (5 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	AGE UNKNOWN	Total	Percentage of total	
1-064	Diseases of the circulatory system	I00-I99	1	0	5	10	11	15	24	40	51	67	65	140	176	244	348	440	409	354	153	61	0	2614	37.8%	
1-026	NEOPLASMS	C00-D48	2	3	3	10	15	27	39	77	67	81	92	113	104	150	145	116	92	59	25	2	0	1222	17.7%	
1-051	Endocrine, nutritional and metabolic diseases	E00-E88	1	0	2	1	6	6	6	14	25	31	49	78	122	163	167	164	143	74	28	7	0	1087	15.7%	
1-072	Diseases of the respiratory system	J00-J98	2	1	4	1	9	8	9	7	8	15	12	14	23	35	44	64	90	74	37	16	0	473	6.8%	
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	3	5	10	6	9	14	10	10	14	21	14	16	20	22	22	31	36	40	31	11	6	351	5.1%	
1-001	Certain infectious and parasitic diseases	A00-B99	1	2	3	18	29	36	41	40	15	17	11	8	5	14	16	15	13	11	4	5	0	304	4.4%	
1-078	Diseases of the digestive system	K00-K92	1	0	1	3	4	4	3	7	5	14	15	8	10	16	17	27	22	15	5	1	0	178	2.6%	
1-058	Diseases of the nervous system	G00-G98	5	4	2	1	7	5	7	4	1	4	2	7	10	10	14	9	24	8	8	2	1	135	2.0%	
1-095	External causes of morbidity and mortality	V01-Y89	0	2	6	5	9	7	8	5	5	1	2	8	4	7	9	15	16	10	3	3	0	125	1.8%	
1-082	Diseases of the skin and subcutaneous tissue	L00-L98	0	0	1	0	0	2	1	0	4	1	0	5	1	10	21	14	22	21	7	3	0	113	1.6%	
1-084	Diseases of the genitourinary system	N00-N98	1	0	2	2	6	4	3	4	4	3	6	3	7	8	9	12	10	10	0	2	1	97	1.4%	
1-083	Diseases of the musculoskeletal system and connective tissue	M00-M99	0	0	3	7	6	10	8	14	3	11	4	3	2	2	1	4	1	8	2	2	0	91	1.3%	
1-048	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89	1	3	1	8	5	7	3	9	4	3	3	3	3	4	7	5	3	2	1	1	0	76	1.1%	
1-055	Mental and behavioural disorders	F01-F99	0	0	0	0	0	1	1	1	1	0	0	0	0	2	3	2	3	3	0	1	0	18	0.3%	
1-087	Pregnancy, childbirth and the puerperium	O00-O99	0	0	3	2	3	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0.2%	
1-093	Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	3	1	0	0	1	0	1	1	0	0	1	0	0	1	2	0	0	0	0	0	0	11	0.2%	
1-092	Certain conditions originating in the perinatal period	P00-P96	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0%	
1-062	Diseases of the eye and adnexa	H00-H57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
1-063	Diseases of the ear and mastoid process	H60-H93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
TOTALS FOR YEAR			22	21	46	74	120	147	167	235	207	269	276	406	487	688	825	918	884	689	304	117	8	6910	100.0%	

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TABLE 15f
Adult Male Deaths Showing Major Categories by Cause and Age (5 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	A G E	T o t a l	Percentage of total	
1-064	Diseases of the circulatory system	I00-I99	2	2	2	7	6	19	18	40	64	76	121	154	230	274	372	368	284	191	70	17	0	2317	31.3%	
1-026	NEOPLASMS	C00-D48	12	6	6	7	11	14	18	29	62	78	99	146	220	252	244	229	122	59	21	3	0	1638	22.1%	
1-072	Diseases of the respiratory system	J00-J98	3	3	3	5	9	13	4	18	11	15	24	42	42	87	113	94	77	40	20	6	0	629	8.5%	
1-051	Endocrine, nutritional and metabolic diseases	E00-E88	2	0	1	3	3	1	10	5	10	25	34	53	79	84	110	89	74	30	8	3	0	624	8.4%	
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	2	3	18	23	28	29	24	19	28	17	21	34	31	40	39	39	26	40	15	2	6	484	6.5%	
1-001	Certain infectious and parasitic diseases	A00-B99	7	2	0	7	31	53	58	49	39	31	28	18	13	19	9	18	12	14	4	0	0	412	5.6%	
1-095	External causes of morbidity and mortality	V01-Y89	4	5	16	45	52	43	46	30	32	16	25	23	12	10	11	11	3	4	1	0	0	389	5.3%	
1-078	Diseases of the digestive system	K00-K92	0	1	4	2	2	3	8	8	14	25	13	22	24	34	36	25	17	5	2	1	1	247	3.3%	
1-084	Diseases of the genitourinary system	N00-N98	1	0	2	0	4	5	8	4	10	5	14	16	19	37	28	24	23	24	10	4	0	238	3.2%	
1-058	Diseases of the nervous system	G00-G98	4	5	5	1	3	7	3	5	5	3	4	9	9	7	18	24	16	4	1	1	0	134	1.8%	
1-048	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89	1	4	4	4	9	10	11	6	13	5	5	1	6	1	8	3	7	2	0	0	0	100	1.3%	
1-082	Diseases of the skin and subcutaneous tissue	L00-L98	0	0	0	0	1	1	0	4	0	5	3	2	4	4	11	15	21	12	1	1	0	85	1.1%	
1-083	Diseases of the musculoskeletal system and connective tissue	M00-M99	0	0	0	5	2	11	13	9	7	6	9	3	0	2	2	3	2	4	1	1	0	80	1.1%	
1-055	Mental and behavioural disorders	F01-F99	0	0	0	1	0	1	1	1	0	0	1	1	1	4	2	4	2	2	1	0	0	22	0.3%	
1-093	Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	1	0	1	1	1	0	0	0	0	2	1	0	0	0	0	2	0	0	0	0	0	9	0.1%	
1-062	Diseases of the eye and adnexa	H00-H57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
1-063	Diseases of the ear and mastoid process	H60-H93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
1-087	Pregnancy, childbirth and the puerperium	O00-O99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
1-092	Certain conditions originating in the perinatal period	P00-P96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
TOTALS FOR YEAR			39	31	62	111	162	210	222	227	295	309	402	524	690	855	1003	948	686	431	155	39	7	7408	100.0%	

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TABLE 15g
All Adult Deaths Showing Major Categories by Cause and Age (5 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	A G E	T o t a l	Percentage of total	
1-064	Diseases of the circulatory system	I00-I99	3	2	7	17	17	34	42	80	115	143	186	294	406	518	720	808	693	545	223	78	0	4931	34.4%	
1-026	NEOPLASMS	C00-D48	14	9	9	17	26	41	57	106	129	159	191	259	324	402	389	345	214	118	46	5	0	2860	20.0%	
1-051	Endocrine, nutritional and metabolic diseases	E00-E88	3	0	3	4	9	7	16	19	35	56	83	131	201	247	277	253	217	104	36	10	0	1711	11.9%	
1-072	Diseases of the respiratory system	J00-J98	5	4	7	6	18	21	13	25	19	30	36	56	65	122	157	158	167	114	57	22	0	1102	7.7%	
1-094	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	5	8	28	29	37	43	34	29	42	38	35	50	51	62	61	70	62	80	46	13	12	835	5.8%	
1-001	Certain infectious and parasitic diseases	A00-B99	8	4	3	25	60	89	99	89	54	48	39	26	18	33	25	33	25	25	8	5	0	716	5.0%	
1-095	External causes of morbidity and mortality	V01-Y89	4	7	22	50	61	50	54	35	37	17	27	31	16	17	20	26	19	14	4	3	0	514	3.6%	
1-078	Diseases of the digestive system	K00-K92	1	1	5	5	6	7	11	15	19	39	28	30	34	50	53	52	39	20	7	2	1	425	3.0%	
1-084	Diseases of the genitourinary system	N00-N98	2	0	4	2	10	9	11	8	14	8	20	19	26	45	37	36	33	34	10	6	1	335	2.3%	
1-058	Diseases of the nervous system	G00-G98	9	9	7	2	10	12	10	9	6	7	6	16	19	17	32	33	40	12	9	3	1	269	1.9%	
1-082	Diseases of the skin and subcutaneous tissue	L00-L98	0	0	1	0	1	3	1	4	4	6	3	7	5	14	32	29	43	33	8	4	0	198	1.4%	
1-048	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89	2	7	5	12	14	17	14	15	17	8	8	4	9	5	15	8	10	4	1	1	0	176	1.2%	
1-083	Diseases of the musculoskeletal system and connective tissue	M00-M99	0	0	3	12	8	21	21	23	10	17	13	6	2	4	3	7	3	12	3	3	0	171	1.2%	
1-055	Mental and behavioural disorders	F01-F99	0	0	0	1	0	2	2	2	1	0	1	1	1	6	5	6	5	5	1	1	0	40	0.3%	
1-093	Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	4	1	1	1	2	0	1	1	0	2	2	0	0	1	2	2	0	0	0	0	0	20	0.1%	
1-087	Pregnancy, childbirth and the puerperium	O00-O99	0	0	3	2	3	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0.1%	
1-092	Certain conditions originating in the perinatal period	P00-P96	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0%	
1-062	Diseases of the eye and adnexa	H00-H57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
1-063	Diseases of the ear and mastoid process	H60-H93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
TOTALS FOR YEAR			61	52	108	185	282	357	389	462	502	578	678	930	1177	1543	1828	1866	1570	1120	459	156	15	14318	100.0%	

Prepared by Registrar General's Department

POLICE DATA

TABLE 15h

SUDDEN AND VIOLENT DEATHS OCCURRING IN 2003 BY PARISH AND MONTH OF OCCURRENCE
(AS REPORTED BY THE POLICE)

PARISHES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOTAL
South Eastern Region													
KINGSTON	10	12	10	15	11	15	15	13	8	9	13	17	148
ST. ANDREW	32	28	46	47	27	48	29	39	48	27	36	31	438
ST. CATHERINE	28	21	24	24	29	23	25	39	31	28	27	31	330
ST. THOMAS	1	1	0	1	4	6	5	8	3	0	7	0	36
Sub-Total	71	62	80	87	71	92	74	99	90	64	83	79	952
North Eastern Region													
PORTLAND	3	2	1	0	0	1	2	2	0	2	1	3	17
ST. MARY	1	3	0	3	2	1	5	5	2	1	2	1	26
ST. ANN	5	8	4	5	7	2	1	3	7	5	5	5	57
Sub-Total	9	13	5	8	9	4	8	10	9	8	8	9	100
Western Region													
WESTMORELAND	5	5	9	5	10	4	7	6	5	6	4	4	70
HANOVER	3	3	2	0	2	2	1	5	6	4	6	4	38
ST. JAMES	10	9	9	15	5	8	21	15	12	18	12	12	146
TRELAWNY	2	3	4	1	7	0	0	1	3	7	0	0	28
Sub-Total	20	20	24	21	24	14	29	27	26	35	22	20	282
Southern Region													
CLARENDON	7	12	12	3	13	11	12	3	11	9	11	13	117
MANCHESTER	2	1	3	1	7	6	3	9	6	5	12	3	58
ST. ELIZABETH	2	2	5	5	7	12	1	1	6	2	6	2	51
Sub-Total	11	15	20	9	27	29	16	13	23	16	29	18	226
JAMAICA	111	110	129	125	131	139	127	149	148	123	142	126	1,560

Source - Constabulary Communication Network (CCN)

Prepared by Registrar General's Department

TABLE 15i

SUDDEN AND VIOLENT DEATHS OCCURRING IN 2003 BY PARISH AND MONTH OF OCCURRENCE
(ADJUSTED FOR THOSE REGISTERED)

PARISHES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOTAL
South Eastern Region													
KINGSTON	7	10	10	9	6	14	14	13	8	9	9	15	124
ST. ANDREW	27	18	35	37	24	41	28	33	43	26	33	29	374
ST. CATHERINE	22	18	19	21	22	23	23	37	28	27	25	28	293
ST. THOMAS	1	1	0	1	4	5	4	8	3	0	6	0	33
Sub-Total	57	47	64	68	56	83	69	91	82	62	73	72	824
North Eastern Region													
PORTLAND	3	1	0	0	0	1	1	2	0	2	1	2	13
ST. MARY	1	3	0	3	1	0	3	5	2	1	1	1	21
ST. ANN	5	7	4	4	7	2	1	1	7	5	5	3	51
Sub-Total	9	11	4	7	8	3	5	8	9	8	7	6	85
Western Region													
WESTMORELAND	3	5	8	5	9	3	7	6	5	6	4	4	65
HANOVER	3	3	1	0	1	1	1	5	4	3	5	4	31
ST. JAMES	9	9	7	13	5	7	19	14	12	15	12	11	133
TRELAWNY	1	2	4	1	5	0	0	1	3	5	0	0	22
Sub-Total	16	19	20	19	20	11	27	26	24	29	21	19	251
Southern Region													
CLARENDON	7	11	9	3	13	11	12	2	10	9	9	12	108
MANCHESTER	2	1	2	1	7	5	3	9	6	5	12	3	56
ST. ELIZABETH	2	2	5	4	5	11	0	1	5	2	6	2	45
Sub-Total	11	14	16	8	25	27	15	12	21	16	27	17	209
JAMAICA	93	91	104	102	109	124	116	137	136	115	128	114	1,369

Source - Constabulary Communication Network (CCN)

N.B. This data excludes those for which a match for certain fields were found in RGD's database for 2003 death registrations

Prepared by Registrar General's Department

TABLE 15j

TOTAL DEATHS OCCURRING IN 2003 BY PARISH AND MONTH OF OCCURRENCE
(RGD AND POLICE DATA COMBINED)

PARISHES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOTAL
South Eastern Region													
KINGSTON	213	209	221	219	184	185	202	192	168	182	192	215	2382
ST. ANDREW	238	232	242	236	252	265	244	240	231	241	241	258	2920
ST. CATHERINE	187	168	148	140	165	185	176	164	160	187	183	175	2038
ST. THOMAS	74	55	52	48	52	47	60	50	32	40	54	54	618
Sub-Total	712	664	663	643	653	682	682	646	591	650	670	702	7958
North Eastern Region													
PORTLAND	52	42	47	32	36	29	36	30	27	35	36	50	452
ST. MARY	75	58	61	35	56	56	59	55	47	57	43	54	656
ST. ANN	95	73	86	79	78	68	76	70	78	88	71	98	960
Sub-Total	222	173	194	146	170	153	171	155	152	180	150	202	2068
Western Region													
WESTMORELAND	72	59	77	67	72	71	63	79	74	50	58	73	815
HANOVER	37	30	25	29	35	31	19	28	26	30	19	32	341
ST. JAMES	108	92	85	91	85	79	70	97	96	100	98	116	1117
TRELAWNY	38	40	34	35	41	23	35	33	34	45	19	37	414
Sub-Total	255	221	221	222	233	204	187	237	230	225	194	258	2687
Southern Region													
CLARENDON	119	103	106	77	85	74	107	79	113	94	93	85	1135
MANCHESTER	169	111	111	104	112	117	133	107	111	119	136	139	1469
ST. ELIZABETH	67	56	66	69	75	71	54	43	72	48	39	59	719
Sub-Total	355	270	283	250	272	262	294	229	296	261	268	283	3323
JAMAICA	1,544	1,328	1,361	1,261	1,328	1,301	1,334	1,267	1,269	1,316	1,282	1,445	16,036

N.B. Table 15j is the result of the addition of Tables 10 and 15i

Prepared by Registrar General's Department

TABLE 15k
Summary of Male and Female Sudden and Violent Deaths Occurring by Cause and Age (1 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	AGE UNKNOWN	TOTAL	
			4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	0	1369
1-095	External causes of morbidity and mortality	V01-Y89	8	14	29	110	210	220	174	157	106	76	50	41	24	21	19	15	8	4	2	0	0	81	1369	
1-096	Transport accidents	V01-V99	7	13	21	20	35	33	24	32	25	18	23	16	9	11	12	10	5	3	1	0	0	22	340	
1-097	Falls	W00-W19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-098	Accidental drowning and submersion	W65-W74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-099	Exposure to smoke, fire and flames	X00-X09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-100	Accidental poisoning by and exposure to noxious substances	X40-X49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-101	Intentional self harm	X60-X84	0	0	2	2	8	7	7	2	2	5	0	2	4	4	0	2	1	0	0	0	0	4	52	
1-102	Assault	X85-Y09	1	1	5	79	145	152	135	113	78	52	26	23	11	6	7	3	2	1	1	0	0	20	861	
1-103	All other external causes	W20-W64, W75-W99, X10-X39, X50-X59, Y10-Y89	0	0	1	9	22	28	8	10	1	1	1	0	0	0	0	0	0	0	0	0	0	35	116	
TOTALS MALE DEATHS FOR 2003			8	14	29	110	210	220	174	157	106	76	50	41	24	21	19	15	8	4	2	0	0	81	1369	

Source - Constabulary Communication Network (CCN)

Note 1. ICD-10 coding done by Registrar General's Department

Note 2. This data excludes those for which a match for certain fields were found in RGD's database for 2003 death registrations

Prepared by Registrar General's Department

TABLE 151
Summary of Male Sudden and Violent Deaths Occurring by Cause and Age (1 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	AGE UNKNOWN	TOTAL	
			to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	to	& OVER	Total	
			4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	75	1210
1-095	External causes of morbidity and mortality	V01-Y89	4	11	19	97	193	207	149	136	95	70	46	35	21	17	11	12	8	3	1	0	0	75	1210	
1-096	Transport accidents	V01-V99	3	10	13	16	30	27	18	26	23	14	19	13	8	10	7	7	5	2	0	0	0	19	270	
1-097	Falls	W00-W19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-098	Accidental drowning and submersion	W65-W74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-099	Exposure to smoke, fire and flames	X00-X09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-100	Accidental poisoning by and exposure to noxious substances	X40-X49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-101	Intentional self harm	X60-X84	0	0	2	1	8	6	4	1	1	5	0	2	4	3	0	2	1	0	0	0	0	3	43	
1-102	Assault	X85-Y09	1	1	3	71	133	146	119	100	70	51	26	20	9	4	4	3	2	1	1	0	0	18	783	
1-103	All other external causes	W20-W64, W75-W99, X10-X39, X50-X59, Y10-Y89	0	0	1	9	22	28	8	9	1	0	1	0	0	0	0	0	0	0	0	0	0	35	114	
TOTALS MALE DEATHS FOR 2003			4	11	19	97	193	207	149	136	95	70	46	35	21	17	11	12	8	3	1	0	0	75	1210	

Source - Constabulary Communication Network (CCN)

Note 1. ICD-10 coding done by Registrar General's Department

Note 2. This data excludes those for which a match for certain fields were found in RGD's database for 2003 death registrations

Prepared by Registrar General's Department

TABLE 15m
Summary of Female Sudden and Violent Deaths Occurring by Cause and Age (1 - 100 years) for 2003

ICD-10 MORTALITY SUMMARY CODES			1	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	U N K N O W N	T o t a l	
			t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	& o v e r		
			4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9	4	9		
1-095	External causes of morbidity and mortality	V01-Y89	4	3	10	13	17	13	25	21	11	6	4	6	3	4	8	3	0	1	1	0	0	6	159	
1-096	Transport accidents	V01-V99	4	3	8	4	5	6	6	6	2	4	4	3	1	1	5	3	0	1	1	0	0	3	70	
1-097	Falls	W00-W19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-098	Accidental drowning and submersion	W65-W74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-099	Exposure to smoke, fire and flames	X00-X09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-100	Accidental poisoning by and exposure to noxious substances	X40-X49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-101	Intentional self harm	X60-X84	0	0	0	1	0	1	3	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	9
1-102	Assault	X85-Y09	0	0	2	8	12	6	16	13	8	1	0	3	2	2	3	0	0	0	0	0	0	2	78	
1-103	All other external causes	W20-W64, W75-W99, X10-X39, X50-X59, Y10-Y89	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
TOTALS FEMALE DEATHS FOR 2003			4	3	10	13	17	13	25	21	11	6	4	6	3	4	8	3	0	1	1	0	0	6	159	

Source - Constabulary Communication Network (CCN)

Note 1. ICD-10 coding done by Registrar General's Department

Note 2. This data excludes those for which a match for certain fields were found in RGD's database for 2003 death registrations

Prepared by Registrar General's Department

MARRIAGES

TABLE 16
MARRIAGES OCCURRING IN EACH PARISH BY QUARTER AND
AUTHORITY UNDER WHICH MARRIAGES WERE SOLEMNISED FOR 2003

Parishes	Marriages for Each Quarter					Marriage Officers Certificate	Special Marriage Licence	Minister's Licence	Civil Registrar's Certificate	In Articulo Mortis
	1st	2nd	3rd	4th	Total					
Kingston	72	81	107	117	377	317	14	32	14	0
St. Andrew	540	621	712	805	2,678	1,981	71	509	117	0
St. Thomas	83	70	63	88	304	207	72	25	0	0
Portland	65	62	70	87	284	223	16	45	0	0
St. Catherine	392	476	547	587	2,002	1,257	97	408	240	0
St. Mary	232	349	321	244	1,146	265	43	834	4	0
St. Ann	1,020	1,295	1,018	1,016	4,349	585	130	3,606	28	0
Clarendon	146	183	203	247	779	622	99	58	0	0
Manchester	133	169	175	219	696	589	30	77	0	0
St. Elizabeth	93	109	141	143	486	364	107	15	0	0
Westmoreland	564	869	741	659	2,833	395	61	2,376	1	0
Hanover	371	536	383	391	1,681	164	15	1,502	0	0
St. James	846	1,182	1,206	995	4,229	752	144	3,275	58	0
Trelawny	119	176	196	141	632	157	22	444	9	0
Jamaica	4,676	6,178	5,883	5,739	22,476	7,878	921	13,206	471	0

Prepared by Registrar General's Department

TABLE 16a
TOTAL MARRIAGES BY PARISH OF OCCURRENCE AND PLACE OF MARRIAGE (HOTEL AND OTHER) AND
PERCENTAGES OF TOTAL FOR 2003

PARISHES	TOTAL	% of Total Marriages	Hotels	% of Parish Totals	Others	% of Parish Totals
Kingston	377	1.7	12	3.2	365	96.8
St. Andrew	2,678	11.9	112	4.2	2,566	95.8
St. Thomas	304	1.4	8	2.6	296	97.4
Portland	284	8.9	26	1.6	258	98.4
St. Catherine	2,002	1.3	33	9.2	1,969	90.8
St. Mary	1,146	5.1	592	51.7	554	48.3
St. Ann	4,349	19.3	3,128	71.9	1,221	28.1
Clarendon	779	3.5	17	2.2	762	97.8
Manchester	696	3.1	23	3.3	673	96.7
St. Elizabeth	486	2.2	31	6.4	455	93.6
Westmoreland	2,833	12.6	1,997	70.5	836	29.5
Hanover	1,681	7.5	1,204	71.6	477	28.4
St. James	4,229	18.7	2,575	60.9	1,654	39.1
Trelawny	632	2.8	279	44.1	353	55.9
Jamaica	22,476	100.0	10,037	44.7	12,439	55.3

Prepared by Registrar General's Department

TABLE 16b

MARRIAGES BY PARISH, BY QUARTER OF OCCURRENCE, 2003, AND PERCENTAGES OF TOTAL

PARISHES	TOTAL	1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER	% OF TOTAL
Kingston	377	72	81	107	117	1.68
St. Andrew	2,678	540	621	712	805	11.91
St. Thomas	304	83	70	63	88	1.35
Portland	284	65	62	70	87	1.26
St. Catherine	2,002	392	476	547	587	8.91
St. Mary	1,146	232	349	321	244	5.10
St. Ann	4,349	1,020	1,295	1,018	1,016	19.35
Clarendon	779	146	183	203	247	3.47
Manchester	696	133	169	175	219	3.10
St. Elizabeth	486	93	109	141	143	2.16
Westmoreland	2,833	564	869	741	659	12.60
Hanover	1,681	371	536	383	391	7.48
St. James	4,229	846	1,182	1,206	995	18.82
Trelawny	632	119	176	196	141	2.81
Jamaica	22,476	4,676	6,178	5,883	5,739	100

Prepared by Registrar General's Department

TABLE 17

TOTAL NUMBER OF MARRIAGES REGISTERED DURING 2003

Month of Occurrence	PARISHES														Island Total
	Kingston	St. Andrew	St. Thomas	Portland	St. Cath.	St. Mary	St. Ann	Clarendon	Manches.	St. Eliz.	Westmor.	Hanover	St. James	Trel.	
January	15	169	18	17	90	45	263	53	51	33	150	111	232	24	1,271
February	25	187	22	25	140	93	348	42	44	32	188	140	287	53	1,626
March	32	184	43	23	162	94	409	51	38	28	226	120	327	42	1,779
April	33	195	32	18	168	110	416	85	71	44	265	169	357	58	2,021
May	22	190	19	22	138	112	466	28	34	28	327	190	405	63	2,044
June	26	236	19	22	170	127	413	70	64	37	277	177	420	55	2,113
July	37	242	16	20	176	105	288	53	48	35	265	119	424	77	1,905
August	56	325	38	40	252	142	417	95	95	72	281	144	437	80	2,474
September	14	145	9	10	119	74	313	55	32	34	195	120	345	39	1,504
October	20	158	14	19	109	77	295	46	38	34	201	120	304	37	1,472
November	41	201	19	17	127	70	323	47	48	28	214	141	314	45	1,635
December	56	446	55	51	351	97	398	154	133	81	244	130	377	59	2,632
Total	377	2,678	304	284	2,002	1,146	4,349	779	696	486	2,833	1,681	4,229	632	22,476

Prepared by Registrar General's Department

TABLE 18

**NUMBER OF MALES (BRIDE GROOMS) AND FEMALES (BRIDES)
MARRIED BY AGE GROUPS AND SHOWING PERCENTAGE OF
TOTAL MARRIAGES FOR 2003**

Age Groups	Males (Bride Grooms)	Percentage of total	Females (Brides)	Percentage of total
15-19	58	0.3	363	1.6
20-24	2,159	9.6	3,873	17.2
25-29	5,278	23.5	5,978	26.6
30-34	5,264	23.4	4,771	21.2
35-39	3,631	16.2	3,090	13.7
40-44	2,399	10.7	2,054	9.1
45-49	1,543	6.9	1,173	5.2
50-54	874	3.9	622	2.8
55-59	536	2.4	266	1.2
60-64	316	1.4	139	0.6
65 and over	418	1.9	147	0.7
AGE UNKNOWN	0	0.0	0	0.0
Total	22,476	100.00	22,476	100.00

Prepared by Registrar General's Department

TABLE 18a

MARRIAGES BY JOINT AGE OF GROOM AND AGE OF BRIDE FOR 2003

GROOM'S AGE	BRIDE'S AGE											Total
	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 and over	
15-19	17	28	7	5	1	0	0	0	0	0	0	58
20-24	187	1,289	465	131	54	23	2	6	0	0	2	2,159
25-29	102	1,600	2,513	701	238	75	33	9	2	2	3	5,278
30-34	30	600	1,854	1,886	613	203	55	16	3	1	3	5,264
35-39	13	203	747	1,218	951	347	98	41	10	2	1	3,631
40-44	9	96	234	500	663	602	215	55	16	4	5	2,399
45-49	4	33	93	203	319	435	313	103	31	5	4	1,543
50-54	0	8	36	72	129	188	239	145	41	10	6	874
55-59	1	9	19	28	68	98	114	112	60	20	7	536
60-64	0	4	4	15	29	35	59	76	50	30	14	316
65 and over	0	3	6	12	25	48	45	59	53	65	102	418
Total	363	3,873	5,978	4,771	3,090	2,054	1,173	622	266	139	147	22,476

Prepared by Registrar General's Department

TABLE 19

MARRIAGES BY JOINT PARISH OF RESIDENCE OF BRIDEGROOMS AND BRIDES FOR 2003

PARISH OF RESIDENCE OF BRIDEGROOMS	PARISH OF RESIDENCE OF BRIDES														ISLAND TOTAL
	KINGSTON	ST. ANDREW	ST. THOMAS	PORTLAND	ST. CATHERINE	ST. MARY	ST. ANN	CLARENDON	MANCHESTER	ST. ELIZABETH	WESTMORELAND	HANOVER	ST. JAMES	TRELAWNY	
KINGSTON	277	31	1	0	17	2	6	2	1	0	2	0	2	0	341
ST. ANDREW	27	2,133	10	7	127	7	14	6	15	5	7	2	4	0	2,364
ST. THOMAS	2	10	324	1	4	2	0	1	1	0	0	0	0	3	348
PORTLAND	1	4	0	268	7	2	2	0	0	2	0	0	0	1	287
ST. CATHERINE	22	96	8	5	2,059	5	10	20	24	5	5	0	9	3	2,271
ST. MARY	0	8	0	1	9	1,199	14	2	2	0	0	0	0	1	1,236
ST. ANN	1	5	3	3	13	16	4,141	6	2	1	2	1	3	6	4,203
CLARENDON	2	9	0	0	22	1	4	787	16	4	1	0	1	1	848
MANCHESTER	8	12	0	0	9	2	6	22	567	11	2	0	5	2	646
ST. ELIZABETH	3	3	1	0	2	0	4	5	15	467	8	2	7	0	517
WESTMORELAND	1	2	0	1	3	0	1	2	0	11	2,807	4	11	1	2,844
HANOVER	0	2	0	0	1	0	0	1	2	0	6	1,738	18	1	1,769
ST. JAMES	2	3	2	2	6	1	9	0	2	2	4	14	4,051	8	4,106
TRELAWNY	0	3	0	0	3	1	9	4	7	2	1	0	7	659	696
JAMAICA	346	2,321	349	288	2,282	1,238	4,220	858	654	510	2,845	1,761	4,118	686	22,476

Prepared by Registrar General's Department

TABLE 20
Marriages Occurring by Parish of Occurrence and Leading Denominations and
Civil Registrars for 2003

	ANGLICAN	APOSTOLIC	ASSEMBLIES OF GOD	BAPTIST	CHURCH OF GOD	METHODIST	MORAVIAN	ROMAN CATHOLIC	SALVATION ARMY	SEVENTH DAY ADVENTIST	UNITED CHURCH	OTHER	SUB TOTAL FOR DENOMINATIONS	CIVIL REGISTRAR	TOTAL
KINGSTON	16	111	1	19	16	4	14	1	3	38	7	133	363	14	377
ST. ANDREW	50	221	65	247	81	71	27	182	7	227	187	1,156	2,521	157	2,678
ST. THOMAS	5	1	0	61	25	4	0	0	0	44	1	148	289	15	304
PORTLAND	5	105	1	30	6	2	0	0	0	40	12	83	284	0	284
ST. CATHERINE	37	189	13	102	54	4	4	14	9	210	11	822	1,469	533	2,002
ST. MARY	5	24	0	236	9	0	0	5	1	71	95	696	1,142	4	1,146
ST. ANN	7	271	0	504	181	22	1	35	32	72	904	2,292	4,321	28	4,349
CLARENDON	6	59	1	112	65	6	0	3	0	41	32	453	778	1	779
MANCHESTER	4	80	4	25	27	6	24	14	0	93	136	283	696	0	696
ST. ELIZABETH	28	68	34	117	36	5	33	4	0	67	26	68	486	0	486
WESTMORELAND	362	22	25	471	680	1	4	7	9	51	670	531	2,833	0	2,833
HANOVER	2	5	0	46	459	1	0	0	2	29	687	450	1,681	0	1,681
ST. JAMES	35	896	1,152	367	23	5	1	22	8	235	45	1,356	4,145	84	4,229
TRELAWNY	16	14	0	56	14	1	0	3	0	32	8	479	623	9	632
JAMAICA	578	2,066	1,296	2,393	1,676	132	108	290	71	1,250	2,821	8,950	21,631	845	22,476

Prepared by Registrar General's Department

TABLE 20a
Marriages Occurring by Month of Occurrence and Leading Denominations and
Civil Registrars for 2003

	ANGLICAN	APOSTOLIC	ASSEMBLIES OF GOD	BAPTIST	CHURCH OF GOD	METHODIST	MORAVIAN	ROMAN CATHOLIC	SALVATION ARMY	SEVENTH DAY ADVENTIST	UNITED CHURCH	OTHER	SUB TOTAL FOR DENOMINATIONS	CIVIL REGISTRAR	TOTAL
JANUARY	8	108	64	167	120	4	8	17	4	58	160	528	1,246	25	1,271
FEBRUARY	36	151	69	163	142	9	9	14	5	74	196	693	1,561	65	1,626
MARCH	51	141	107	196	124	10	3	9	7	109	248	713	1,718	61	1,779
APRIL	58	160	110	226	128	19	11	24	8	115	272	797	1,928	93	2,021
MAY	54	189	133	207	201	7	5	33	10	68	257	807	1,971	73	2,044
JUNE	51	192	133	217	169	10	11	28	5	113	289	839	2,057	56	2,113
JULY	56	194	127	239	114	13	3	31	8	107	217	710	1,819	86	1,905
AUGUST	71	246	124	273	141	15	26	43	6	186	308	949	2,388	86	2,474
SEPTEMBER	38	128	124	155	127	5	3	9	2	65	190	593	1,439	65	1,504
OCTOBER	38	142	94	125	133	6	2	10	4	60	191	606	1,411	61	1,472
NOVEMBER	51	169	110	155	135	6	3	26	4	78	221	614	1,572	63	1,635
DECEMBER	66	246	101	270	142	28	24	46	8	217	272	1,101	2,521	111	2,632
TOTAL	578	2,066	1,296	2,393	1,676	132	108	290	71	1,250	2,821	8,950	21,631	845	22,476

Prepared by Registrar General's Department

TABLE 20b
Marriages Occurring by Authority and Leading Denominations and
Civil Registrars for 2003

	ANGLICAN	APOSTOLIC	ASSEMBLIES OF GOD	BAPTIST	CHURCH OF GOD	METHODIST	MORAVIAN	ROMAN CATHOLIC	SALVATION ARMY	SEVENTH DAY ADVENTIST	UNITED CHURCH	OTHER	SUB TOTAL FOR DENOMINATIONS	CIVIL REGISTRAR	TOTAL
Marriage Officers Certificate	171	927	144	659	309	89	100	143	30	984	442	3,880	7,878	0	7,878
Special Licence	21	53	7	252	41	15	1	2	21	145	42	304	904	17	921
Minister's Licence	386	1,086	1,145	1,482	1,326	28	7	145	20	121	2,337	4,766	12,849	357	13,206
Civil Registrar's Certificate	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471
In Articulo Mortis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	578	2,066	1,296	2,393	1,676	132	108	290	71	1,250	2,821	8,950	21,631	845	22,476

Prepared by Registrar General's Department

DIVORCES

TABLE 21
 DIVORCES ABSOLUTE CLASSIFIED BY AGE OF PARTNER
 BEING SUED AT TIME OF DIVORCE AND BY SEX FOR 2003

AGE GROUP	BOTH SEXES	MALE	FEMALE
Under 25 yrs	13	3	10
25-29	100	31	69
30-39	513	246	267
40-49	536	282	254
50-59	294	162	132
60 & over	144	79	65
TOTAL	1600	803	797

Source: Statistical Institute of Jamaica (Compiled from the records of the Supreme Court)

TABLE 22
 DIVORCES ABSOLUTE CLASSIFIED BY JOINT AGES OF PARTNERS
 AT DIVORCE FOR 2003

Age of Female Partner	All Ages	Age of Male Partner							
		Under 25	25-29	30-34	35-39	40-44	45-49	50-59	60 & over
Under 25 yrs	25	2	10	7	3	1	2	0	0
25-29	137	2	37	64	16	12	3	2	1
30-34	262	0	18	75	106	37	20	6	0
35-39	313	0	5	35	111	105	37	15	5
40-44	275	0	1	16	30	88	79	53	8
45-49	233	0	1	4	6	26	90	91	15
50-59	253	0	0	1	11	6	16	146	73
60 & over	102	0	0	0	1	4	3	16	78
TOTAL	1600	4	72	202	284	279	250	329	180

Source: Statistical Institute of Jamaica (Compiled from the records of the Supreme Court)

TABLE 23
 DIVORCES ABSOLUTE CLASSIFIED BY AGE OF FEMALE PARTNER
 AT MARRIAGE AND DURATION OF MARRIAGE FOR 2003

Duration of Marriage	All Ages	Age of Female at Marriage					
		Under 25	25-29	30-34	35-39	40-49	50 & over
Under 5 yrs	149	49	41	25	16	11	7
5-9 yrs	426	164	111	69	46	27	9
10-14 yrs	337	146	92	49	20	22	8
15-19 yrs	260	115	83	37	13	10	2
20-24 yrs	171	90	49	17	4	10	1
25 & over	257	149	70	25	6	7	0
TOTAL	1600	713	446	222	105	87	27

Source: Statistical Institute of Jamaica (Compiled from the records of the Supreme Court)

TABLE 24
 DIVORCES ABSOLUTE CLASSIFIED BY AGE OF MALE PARTNER
 AT MARRIAGE AND DURATION OF MARRIAGE FOR 2003

Duration of Marriage	All Ages	Age of Male at Marriage					
		Under 25	25-29	30-34	35-39	40-49	50 & over
Under 5 yrs	149	25	40	29	22	23	10
5-9 yrs	426	80	144	91	50	40	21
10-14 yrs	337	72	124	62	43	19	17
15-19 yrs	260	65	82	59	29	16	9
20-24 yrs	171	48	70	29	14	8	2
25 & over	257	71	107	49	17	12	1
TOTAL	1600	361	567	319	175	118	60

Source: Statistical Institute of Jamaica (Compiled from the records of the Supreme Court)

TABLE 25
 DIVORCES ABSOLUTE CLASSIFIED BY PREVIOUS MARITAL STATUS
 AND AGE AT MARRIAGE FOR 2003

Age at Marriage	Male				Female			
	Total	Single	Widowed	Divorced	Total	Single	Widowed	Divorced
Under 25 yrs	361	361	0	0	713	712	0	1
25-29	567	556	1	10	446	437	1	8
30-34	319	305	0	14	222	212	2	8
35-39	175	158	0	17	105	83	6	16
40-49	118	79	5	34	87	62	2	23
50 & over	60	25	11	24	27	10	4	13
TOTAL	1600	1484	17	99	1600	1516	15	69

Source: Statistical Institute of Jamaica (Compiled from the records of the Supreme Court)

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GLOSSARY

BIRTHS

- Births Occurring** Live births occurring in the current calendar year. (RGD)
- Crude Birth Rate** This is the average annual number of births during a year per 1,000 persons in the population at midyear. The birth rate is one of the critical factors in determining the rate of population growth. The age structure of the population affects the level of fertilisation. (RGD)
- Births Registered** Live births occurring and registered during the current calendar year as well as births occurring in previous years, but registered in the current year. (RGD)
- Births Registered (A and B Registration)** A “registration on signature” or the “A and B” registration is one where the parents of the child are not married (to each other) and both appear together at the time of registration to give their particulars and sign the registration form.
- Births Registered (Status Registration)** If the parents are not married to each other and the father does not appear at the time of registration to give his particulars, then a Status registration can be effected. This entails the father attending the registrar to add his particulars to the child’s birth registration form consequent upon him signing a completed Declaration of Paternity or Status Form.

Gestation	The period of time between the last reported normal menses and the delivery of the foetus.
Live Birth	The complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta attached; each product of such a birth is considered live born. (ICD-10)
Out of Wedlock Birth	A birth occurring to a mother who is not married to the father of the child. (RGD)
Puerperium	The period from the end of the third stage of labour until involution (return to natural state) of the uterus is complete usually lasting 3 to 6 weeks. (Dorland's)

DEATHS

Crude Death Rate

Crude death rate can be defined as the estimate of the rate at which members of a population die during a specified period. The numerator is the number of people dying during the period; the denominator is the size of the population, usually at the middle of the period (mid-year population). (IPH)

Death

The permanent disappearance of all evidence of life at any time after live birth has taken place (postnatal cessation of vital functions without capacity of resuscitation). This definition therefore excludes foetal deaths. (UN, SD)

Deaths Occurring

Deaths occurring in the current calendar year, regardless of the year of registration.

Deaths Registered

Deaths occurring and registered in the current calendar year as well as deaths occurring in previous years but registered in the current year. (RGD)

Foetal Death

Foetal death is death prior to the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy; the death is indicated by the fact that after such separation the foetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles. (ICD-10)

Infant Death	Any death at any time from birth up to, but not including, the first year of age (364 days, 23 hours, 59 minutes from the moment of birth).
Infant Mortality Rate	This is the number of deaths of infants in a given year per 1,000 live births in the same year. This rate is often used as an indicator of the level of health in a country.
Maternal Death	A maternal death is the death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and site of the pregnancy, from any cause related to or by the pregnancy or its management, but not from accidental or incidental causes. (ICD-10)
Neonatal Death	Deaths among live births during the first 28 completed days of life. (ICD-10)

OTHER

Marriage

The act, ceremony or process by which the legal relationship of husband and wife is constituted. The legality of the union may be established by civil, religious, or other means as recognised by the laws of each country. (UN, SD)

Natural Increase

Live births minus total deaths of a population within a given year. (KDHE)

FORMULAE

BIRTH

$$\text{Birth Rate} = \frac{\text{Number of live births}}{\text{Population of area}} \times 1,000$$

DEATH

$$\text{Death Rate} = \frac{\text{Number of deaths}}{\text{Population of area}} \times 1,000$$

MARRIAGES

$$\text{Marriage Rate} = \frac{\text{Number of marriages}}{\text{Population of area}} \times 1,000$$