



The Ministry of Transport and Works

Annual Transport Statistics Report: Jamaica in Figures 2003-2004



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Mission Statement

To contribute to the economic growth and social development of Jamaica by securing resources and providing effective policies, planning, standards and regulations for:

- *the provision of safe and sustainable transport systems for the movement of people and goods;*
- *the achievement of efficient, high quality and timely architectural, engineering and technical works.*

Vision Statement

A modern, safe, reliable, efficient, and sustainable transport system and works infrastructure.

Annual Transport Statistics Report: Jamaica in Figures 2003-2004

**Technical Services Unit
Directorate of Policy, Planning & Evaluation**

July 2005

Ministry of Transport and Works

Message from the Permanent Secretary

The compilation of this Ministry's first annual Transport Statistics Report marks a significant milestone in the life of this organisation.

It is a well known fact that this Ministry generates and utilises a lot of data, much of which is required for sound policy development. This of course is due in no small measure to the fact that our mandate has such an extensive reach. We are also mindful of the fact that solid research is an integral part of our everyday operations. Against this background, this publication could not be more timely.

When one thinks of the fact that our stakeholders are not only local, but in a number of instances, international, the publication takes on added significance. Set in the context of the paradigm shift to a more technologically driven society and the emergence of a global village, the development of

transport data systems will definitely attract a high premium. In particular, it will help Jamaica to participate in international transport systems while helping the Ministry to achieve its vision of a modern, safe, reliable, efficient and sustainable transport system.



I wish to commend the team from the Technical Services Unit and all others concerned for the splendid job done in making this publication a reality.

Congratulations on a fine effort and I look forward to having this document added to the literary landscape of the Ministry.

A handwritten signature in black ink, appearing to read 'Alwin L. Hales'. The signature is written in a cursive style and is positioned above a horizontal dotted line.

Alwin L. Hales, Ph. D
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Preface

The decision-making process within the transportation sector can be greatly enhanced if current and reliable transportation data and information about basic performance indicators are readily available. Accurate, timely and up to date transportation data are vital in different fora (operational, sectoral, national or international), for various purposes.

There is no legislation mandating the Ministry of Transport and Works (MTW) to prepare annual transport statistics reports. However, the MTW, through its realisation of the crucial role it plays in addressing the existing needs for transportation data, is working assiduously towards the goal of the provision of *quarterly and annual reports* on transportation statistics in Jamaica.

Notably, the decision to establish a statistic function in the MTW was greatly influenced by four major forces. These are:

- ✓ A Memorandum of Understanding between the MTW and the United States Department of Transportation, for the provision of technical assistance in establishing a statistic unit within the Ministry. (It has since been decided to establish the function rather than a unit).
- ✓ A Memorandum of Understanding between the MTW and Transport Canada for the provision of technical assistance in preparing a National Transportation Policy.
- ✓ The Western Hemisphere Transportation Data System (WHTDS)
- ✓ Final Report on the Modernisation of the Ministry of Transport and Works 2001

This Annual Report represents the first official publication of the newly established statistical function. The statistical data provided are categorized into three general areas: air transport, land transport (inclusive of rail) and maritime transport. Information is also available on portfolio entities of the MTW, transport infrastructure and other general transportation statistics.

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List of Abbreviations

AAJ	-	Airports Authority of Jamaica
AAPA	-	American Association of Port Authorities
ACAAC	-	Association of Civil Aviation Authorities
AEROTEL	-	Aeronautical Telecommunications Limited
AIS	-	Aeronautical Information System
ARB	-	Architects Registration Board
ATC	-	Air Traffic Controllers
AVSEC	-	Aviation Security
CAA	-	Civil Aviation Authority
CAATI	-	Civil Aviation Authority Training Institute
CARICOM	-	Caribbean Community
CMC	-	Commercial Motor Cars
CMI	-	Caribbean Maritime Institute
CSA	-	Caribbean Shipping Association
CSME	-	Caribbean Single Market and Economy
FIR	-	Flight Information Region
GDP	-	Gross Domestic Product
GIS	-	Geographic Information Systems
GOJ	-	Government of Jamaica
IAPHC	-	Inter-American Port and Harbour Conference
IATA	-	International Air Transport Association
ICAC	-	International Crewing Agency (marine)
ICAO	-	International Civil Aviation Organization
IDB	-	Inter-American Development Bank
ILS	-	Instrument Landing System (air)
IMO	-	International Maritime Organisation
ISPS	-	International Seaports Security
ISPS	-	International Ship and Port Security
ITA	-	Island Traffic Authority

JIO	-	Jamaica Infrastructure Operator
JRC	-	Jamaica Railway Corporation
JUTC	-	Jamaica Urban Transit Company
KATCC	-	Kingston Air Traffic Control Centre
KMTR	-	Kingston Metropolitan Transport Region
KSA	-	Kingston and St. Andrew
KSAC	-	Kingston and St. Andrew Corporation
MAJ	-	Maritime Authority of Jamaica
MBM	-	Montego Bay Metro
MTW	-	Ministry of Transport and Works
MMR	-	Montego Bay Metropolitan Region
NARIP	-	National Road Improvement Project
NCHIP	-	Northern Coastal Highway Improvement Project
NJDP	-	Northern Jamaica Development Project
NMIA	-	Norman Manley International Airport
NROCC	-	National Road Operating and Constructing Company Limited
NWA	-	National Works Agency
OAS	-	Organization of American States
PAJ	-	Port Authority of Jamaica
PERB	-	Professional Engineers Registration Board
PMC	-	Private Motor Car
PPV	-	Public Passenger Vehicles
RASOS	-	Regional Aviation Safety Oversight System
RMF	-	Road Maintenance Fund Board
Ro/Ro	-	Roll on Roll off
RSU	-	Road Safety Unit
SIA	-	Sangster International Airport
SITC	-	Standard International Trade Classification
TA	-	Transport Authority
TJH	-	Transjamaican Highway
WHTDS	-	Western Hemisphere Transportation Data System
WHTI	-	Western Hemisphere Transportation Initiative

Overview

According to the Maritime Areas Act 1996, Jamaica is now an archipelagic state, which comprises mainland Jamaica, Pedro Cay and Morant Cay. Mainland Jamaica is the third largest Caribbean island, having a total area of 10,991 km². According to statistics from the Statistical Institute of Jamaica (STATIN), the population in 2003 was 2,641,579 with an annual percentage population growth of 0.6%. Figures further revealed that between 1998 and 2003, population increased by 2.9%. In 2003, Gross Domestic Product (GDP) per capita was \$89,136 (GDP in Producer's Value at Constant Prices), while total GDP at constant prices was \$234,729.8 million. Significantly, railway, road, water and air transport (including services allied to transport) contributed \$16,570.7 million to the nation's GDP, (7.1% of the total GDP at constant prices).

In relation to employment, as at October 2003, the total labour force was 1,098,300 with 957,300 (87%) employed and 141,000 (13%) unemployed. Of the total labour force, 68,600 persons (6.3% of total labour force) constituted the labour force within the transport sector. Further comparisons between the *employed* labour force as at January 2001 (936,500) and October 2003 (957,300) revealed an increase of 2.2% in the number of persons employed. Significantly, if the current trend in population and employment growths continues, there will inevitably be increases in transportation needs. This growing demand on the transportation system is evident in present issues such as traffic congestion and delays, especially within urban centres in both rural and urban parishes of Jamaica.

Jamaica's capital city of Kingston has one of the most dense road networks in the world. The Kingston Metropolitan Transport Region (KMTR), which comprises Kingston, St. Andrew, Spanish Town and Portmore, is the major hub of activities especially as it relates to transportation. The KMTR, in addition to being densely populated (*approximately 40% of Jamaica's total population as at year end 2003*), hosts the greatest percentage of the total employed labour force. Significantly, 30% of Jamaica's total employed labour force in 2003 was located within Kingston and St. Andrew (KSA). The KSA, though only 452 km² in area, had a population of 656,516, which was 25% of Jamaica's total population. St. Catherine, in close proximity to the KSA hosts the second largest percentage of the population – 18% (*Demographic Statistics 2003, 2004*). These findings highlight serious implications for the transportation system within this region and in effect raise questions as to the capacity and adequacy of the present transportation infrastructure to meet this current demand on the system.

It is accepted that an effective, efficient and orderly transportation system represents a vital underpinning to the economic development of any country. A number of initiatives have therefore been undertaken by the Government of Jamaica (GOJ) within

the last decade to upgrade the transportation system to accommodate the needs of the sector. Notably, between 2000 and 2004, land, air and maritime transport had numerous developments aimed at enhancing the present transportation system to both improve efficiency and resources.

Legislative Changes

The transportation sector in Jamaica has experienced numerous legislative changes within the last decade due to the transformations within the sector. Various pieces of legislation relating to all aspects of transport (air, land, marine) have been amended and others have been created to address the new developments in the system.

Land transportation had numerous changes, which include the Public Passenger Transport (Rural Area) (Amendment) Act, 1998, Public Passenger Transport (Kingston Metropolitan Transport Region) (Amendment) Act, 1998, Toll Roads Act, 2002, and the Road Maintenance Fund Act, 2002. There is also ongoing revision of Acts such as the Road Traffic Act, 1938, which was last amended by the Road Traffic (Amendment) (No. 2) Act, 2002.

There have also been policies implemented which have altered various areas of land transportation. One such policy is the Motor Vehicle Import Policy 1989, which resulted in a large influx of motor vehicles into the island. Under this policy, importers are allowed to import vehicles up to three (3) years old for cars and four (4) years old for light commercial vehicles. Initially, vehicles up to seven years old were permitted. Significantly, there are vehicles which require no import permits such as Fire Engines, Garbage Trucks, Bucket Trucks and other vehicles, as determined by the Minister of Commerce, Science and Technology.

In relation to air transport, a number of Acts were amended, including the Airport Authority Act 1974, and the Civil Aviation Act, 1966. New legislation such as the Airport (Economic Regulation) Act, 2002 was also developed to address changes in the sector due to the changing global environment. Regulations changed under these statutes relate to issues, which include aerodrome registration, aircraft markings, commercial air transport, operations control at aerodromes and the licensing of personnel.

The maritime sector is also undergoing legislative changes. This is evident in the area of free operations, which resulted in the Jamaica Export Free Zone (Amendment) Act, 1996. In addition, there are currently a number of legislation under review, which include the Port Authority (Amendment) Act 1972, Pilotage (Amendment) Act, 1975 and the Shipping Bill, which was tabled in Parliament. It is apparent, therefore that significant legislative changes have been occurring throughout the transportation sector, attempting to fill the gaps in the system and in effect allowing transportation in Jamaica to adapt to the ever-changing environment.

The Architects Registration Board (ARB) and the Professional Engineers Registration Board (PERB)

The Architects Registration Board (ARB) and the Professional Engineers Registration Boards (PERB) were established through the Architects Registration Act, 1987 and the Professional Engineers Registration Act, 1987 respectively. These two Boards are portfolio entities of the Ministry of Transport and Works (MTW). The registration and regulation of the practices of engineering and architecture in Jamaica are achieved through PERB and ARB. The Minister of Transport and Works designates both the Registrar of Architects and the Registrar of Professional Engineers. The Registrar of Architects, in addition to serving as Secretary of ARB, is required to keep a *Register of Architects*, highlighting information on names, addresses, qualification and other particulars of each architect registered under the Act. The responsibilities of the Registrar of Professional Engineers in relation to PERB are similar as the Registrar is also Secretary of the Board and a *Register of Professional Engineers* is kept based on the requirements stipulated in the Act. Significantly, the activities of ARB and PERB are not limited to the realm of transportation.

Road Transportation

The street network serves a variety of transport modes and vehicular types including pedestrians, automobiles and cycles. Within the last five years, radical changes in road transportation have occurred including the liberalisation of the government's Motor Vehicle Import Policy, which has resulted in a large increase in the number of motor vehicles on the roads. In response to the increased demand on the road network, various traffic management initiatives such as road widening projects and one-way systems have been implemented. The National Works Agency (NWA), in its effort to reduce traffic congestion on the roads, has sought to create a Traffic Management Centre (TMC) designed for tasks such as monitoring and controlling traffic signals and detecting traffic congestion along major road corridors. However, financial constraints have limited the rate of progress. Some prominent examples of traffic management projects in the KMTR include road-widening works along the Washington Boulevard, Hope Road, Tom Redcam Drive, Oxford Road, Trafalgar Road, Constant Spring Road, and the removal of the roundabout at Three Miles, replacing it with a signalized four-way intersection. In addition, one-way systems have been implemented for Half-Way-Tree Road and Maxfield Avenue as well as for peak-hour traffic in major centres such as Portmore and its environs and along road corridors including the Spanish Town Bypass. Notably, bus lanes have been put in place along major corridors such as Washington Boulevard and Half-Way-Tree Road to Ruthven Road. Rehabilitation works have been done along Old Hope Road and the Nelson Mandela Highway. There was also work carried out on bridges such as Rochester Gully, Sandy Gully, Red Hills Road Overpass and the Merrivale Gully Bridge in Kingston.

Transportation developments are not limited to the KMTR, as major initiatives were also undertaken in rural parishes. There was the construction of the Melrose Hill Bypass and the Spur Tree Hill Road deviation in Manchester as well as the dualisation of Howard Cooke Boulevard and Alice Eldemire Drive in Montego Bay, St. James. Road rehabilitation was completed along the Old Harbour Road in St. Catherine and the Savanna-la- Mar to Sheffield Road in Westmoreland. Road works were also carried out on the Mount Diablo project (St. Ann) and the Winston Jones Highway (Manchester) was resurfaced. Works were not limited to roads as new bridges such as the Styx River Bridge in Westmoreland, are under construction.

Other initiatives on a national scale include Highway 2000 (H2K), which is a proposed multi-laned toll highway from Kingston to Montego Bay, St James with a spur from Bushy Park (St. Catherine) to Ocho Rios (St. Ann). Under this project, part of Segment One - Bushy Park to Sandy Bay, has been completed while work continues on the Bushy Park/Mandela Highway/Three Miles leg of the project. Organizational changes include the development of the Toll Authority to regulate the operation and maintenance of toll roads and the creation of the National Road Operating and Constructing Company Limited (NROCC), which has responsibility to oversee the H2K project. Another important national project is the Northern Coastal Highway Improvement Project (NCHIP). Segment One of the NCHIP (Bogue in St. James to Negril Round-about in Westmoreland) has been completed and work is ongoing on Segment Two. Under this project, new bridges such as the North Gully Bridge and Montego River Bridge on Howard Cooke Boulevard in St. James have been constructed.

The modernization programme of the Government of Jamaica (GOJ) resulted in the creation of the NWA, which in April 2001, assumed full responsibility of the functions that were previously executed by the Public Works Department. The Ministry of Transport and Works (MTW) was subsequently modernized with a new structure being approved in 2003. Initially there were plans to convert the Island Traffic Authority (ITA) to a statutory body, however, the ITA currently remains part of the MTW structure. The Road Maintenance Fund Board (RMF) is also a recent entity created under the Road Maintenance Fund Act, 2002. The RMF has responsibility for the management of funds received from the Inland Revenue Department - one-third (1/3) of the total collections of Jamaica's motor vehicle license fees. The fund is projected to receive approximately Three Hundred and Sixty Million Dollars (\$360M) per year. These monies are channeled into maintenance, which includes routine and periodic upkeep and repair of main roads.

Reforms were also present in urban transit, which included the winding-up of Metropolitan Management Transport Holdings Limited (MMTH), a portfolio entity of the MTW. The MMTH was established in 1995 to develop infrastructure in the transport sector, facilitating efforts to restructure the public transport system in the KMTR. The responsibilities of the MMTH included the acquisition and importation of buses for use in the provision of public passenger transport services, construction and rehabilitation of depots and development of the school bus service. Significantly, the MMTH played a major role in carrying out commercial functions to

improve the public transport system not only in the KMTR but also in the second city, Montego Bay. The MMTH ceased operation March 31, 2004 and its commercial functions have been either transferred to or merged with those functions of the Jamaica Urban Transit Company Limited (JUTC) and the Commissioner of Lands, or reverted to the MTW.

Notably, the development of the JUTC occurred in July 1998 when the Government of Jamaica (GOJ) took over the franchises in the KMTR under the Public Passenger Transport (Kingston Metropolitan Region) Act 1947 (amended 1998). The JUTC now operates throughout the KMTR with a fleet of over 600 buses including 58 articulated and bi-articulated buses. All buses operate according to established schedules and routes. The Premium Express Service now includes over 15 express routes.

Advances have also been made in the completion of bus depots/transport centers as the Portmore depot has been completed and the Rockfort depot is under construction. The existing depots - Ashenheim Road, Lyndhurst Road and Spanish Town are fully operational. Passenger terminal facilities are being developed in addition to buses and depots. A major existing terminal is the Spanish Town Transport Centre and there are plans in place to construct a major terminal in Half-Way-Tree. Significantly, the Jamaica Ultimate Tyre Company is also a new entity that was established in 2001, as a subsidiary of the JUTC. It presently offers services to both the general public and the JUTC in the following areas: retreading, general repairs, fitting and inspections. Notably, the Jamaica Ultimate Tyre Company possesses the only full-length alignment stand in the island for the balance and alignment of articulated buses and trucks.

Further initiatives include the creation of Montego Bay Metro Limited, which has revitalized the public passenger bus transport service in the Montego Bay Metropolitan Region (MMR). Montego Bay Metro commenced operations in October 1997 to facilitate a school bus service for the city of Montego Bay. At first, there existed a municipal service utilizing 22 buses on eight (8) routes. The municipal routes were originally for Sandy Bay, Falmouth, Cambridge and Wakesfield to the City Centre, with dedicated school bus routes for Norwood, Cornwall Court and Pitfour to the City Centre. However, due to financial setbacks, there are now only six (6) buses in operation servicing two municipal routes – Greenwood and Sandy Bay. Schools have been requesting the school bus service, but the remainder of the fleet of buses requires repairs. Work continues in this area to increase the efficiency and services of Montego Bay Metro Limited.

Railway Transportation

Another important area of land transport in Jamaica is the railway. In the early years of the railway (1880s), the railway was viewed as the remedy to heavy traffic. Positive contributions were made both in the area of transportation/distribution of imported goods

and passenger movements. Initially, the railway served four ocean ports, Montego Bay and Port Antonio (concentrating on banana exports), Port Esquivel (in alumina trade) and the Port of Kingston, which received the bulk of importations to the island. It was believed that the railway would lead to an improvement in transportation resulting in further developments such as factories. This expectation became a reality as in the early years, the railway led to the establishment of central factories within the Sugar Industry. There were also rapid developments in the banana and citrus industries in the early 1880's. Coconut Groves and banana cultivations were also greatly aided by the railway. In addition, the bauxite industry gained significant benefits as the railway was used for alumina haulage from Bauxite Plants as well as the carriage of imported supplies of fuel oil, liquid, caustic soda and other materials crucial to the alumina process. According to statistics from the Jamaica Railway Corporation (JRC), the railway in 1978 transported a record of 2,689,821 passengers. Jamaica's transportation needs have increased tremendously since 1978 and if the rail at that time was within a one-year period able to transport almost 2.7 million passengers, the potential impact of the revival of the railway today is unparalleled.

Government financial support to the JRC ceased in 1992 and following this, railway services were suspended in October of that same year. General public passenger and freight operations had become unsustainable as expenses outweighed revenue. There are proposals to restore the railway and the government has been in negotiations with potential investors but to date, there has been no concrete development. It is accepted that increased efficiency in the transportation sector can be achieved through the railway for the movement of both passengers and cargo, if the railway services are revived. Spillover effects could result in positive developments in the tourism sector as well as the reduction of traffic congestion, *especially* within the KMTR. There are currently plans underway to restore the Appleton to Montego Bay section of the railway tracks in order to enhance the tourism product.

According to information received from the JRC, numerous benefits are linked to the train, in that movement of commuters and freight would become more economical, as the train has the capacity to accommodate large numbers of passengers in addition to bulk cargo. Savings in road maintenance would be achieved in that there would be lower usage by heavy vehicles. In addition, there would be a reduction in the nation's fuel bill and spare parts acquisition, and by extension, foreign exchange savings and reduced air pollution because of less and more efficient fuel consumption. This increased mobility is necessary if Jamaica is to compete more effectively in a continually changing global market. It should be noted that long-term development demands consideration of a modern light rail system encompassing Spanish Town, Hellshire, Portmore and Kingston, with expansions to link the various ports and other coastal and inland towns.

Air Transportation

Significant developments have occurred at our island's aerodromes. The two international airports, Norman Manley International Airport (NMIA), and the Sangster International Airport (SIA) underwent numerous changes within the last four years. A major area of advancement has been the enhanced security programme for both passengers and cargo. The easier detection of contraband is now facilitated by the installation of ION SCAN machines at the international airports. There was the acquisition and installation of air traffic control radio communication equipment, as well as the upgrading of airport immigration processing to accommodate changes in air transportation in response to the after-effects of the September 11, 2001 terrorist attacks in the United States of America. There have been advancements in the aviation communication system, as radar equipment has been upgraded and replaced. New radar equipment has been installed at Norwood, Mt. Denham, Ayr Hill and also the new Jamaica Civil Aviation Authority (CAA) headquarters. A new Instrument Landing System (ILS) has been installed at each international airport and in addition, a new Doppler Vertical Omni-directional Radio (DVOR) was set up at the SIA. There is a new Microwave Link at Ayr Hill, which is now the main communication link across the island to the Kingston Area Control Centre (KACC).

Further developments in aviation are evidenced by the expansion of the Norman Manley Departure Lounge and the extension of the SIA runway. Significantly, in 2001/2002, Private Aircraft Centres (PACs) were introduced at both international airports. PACs are useful in accommodating aerial surveying and photography, ambulance operations, crop dusting and passengers and crew traveling on privately owned aircraft. There were also upgrading works carried out at the smaller public aerodromes, which included rehabilitation and resurfacing of runways and taxiways, installation of obstruction lights and the construction of perimeter fencing. It is noted that passenger movements at the two international airports – NMIA and SIA – have positively changed since 2000. Statistics show that in 2000, total passenger movements at both international airports were 4,572,287 and in 2003, this figure rose to 4,687,532 in 2003 showing a growth of 2.52%. Passenger movements are facilitated by major airlines to the island including Air Canada, American Airlines, British Airways, British West Indian Airways, Cayman Airways, Continental Airlines, and Copa Airlines among others, which work in conjunction with the national carrier Air Jamaica to facilitate general passenger movements.

Administrative changes have also taken place within the aviation sector. On April 12, 2003, the SIA began operations under a new operator, MBJ Airports Limited, which assumed full responsibility for the day-to-day management and capital development of the airport facilities. Ownership of the facilities still resides with the GOJ on behalf of the people of Jamaica. In addition, Aeronautical Telecommunications Limited (AEROTEL), an entity established in 1978 for the provision of engineering and telecommunication services on behalf of the Government of Jamaica (GOJ), became a subsidiary of the CAA in 1998. Currently, AEROTEL maintains all digital microwave links and air traffic telecommunications for the CAA. Significantly, in conjunction with the provision of

engineering services to other local organizations, AEROTEL ventured into radio broadcasting in 2001 with the launch of Kool FM 97, a radio station fully owned and operated by same.

Numerous improvements have occurred at the international airports. At SIA, there was the construction of structures including an aircraft-parking apron to include four additional aircraft gates, an access taxiway for general aviation traffic, a common use First Class Lounge and a Smoker's Lounge. There was also the installation of a new fuel hydrant system. In December 2003, six passenger boarding jet bridges were installed at the existing airport terminal building and there was also the expansion of the Immigration and Customs Halls, the Baggage Claim facilities and the Ground Transportation Hall. At NMIA, a comprehensive airside development programme – Airport Reform Improvement Programme (ARIP) was implemented. This programme includes the expansion and improvement of passenger facilities and services as well as the rehabilitation of the terminal building and associated facilities.

Maritime Transportation

There are four major entities in the maritime sector – the Caribbean Maritime Institute (CMI), the Maritime Authority of Jamaica (MAJ), the Port Authority of Jamaica (PAJ) and the Ports Security Corps Limited. It is through these organisations that the development and regulation of the maritime sector are achieved. Significantly, the operations of each agency are highlighted to show the respective impacts on the sector.

The CMI (established in 1980) has diversified its programmes and has in effect established itself as the region's Centre for Tertiary Marine Education, Training, Research and Consultancy. The World Maritime University (WMU), in Malmoe, Sweden, recognizes the diploma courses offered by the institution and as such there are graduates who have received the opportunity to further their studies at the WMU. As part of its curriculum, the CMI has commenced programmes in Diploma in International Shipping Logistics and the Associate Degree in Industrial Systems, Operations and Maintenance. In relation to seafarer training, the CMI has pioneered changes in educational standards evident in areas such as the partnership with the Montego Bay Community College in offering the Diploma in Shipping Logistics and an Associate Degree Programme in Industrial Systems, Operation and Maintenance. Notably, there is some difficulty in the placement of cadets due to issues such as the lack of ships. However, students who matriculate are being placed in the maritime sector as there is crewing and placement of Jamaican seafarers on local and international vessels.

The MAJ has been effective in ensuring that regulatory standards are met for flagships and other ships arriving at Jamaican ports. The MAJ has been working to certify all vessels operating in water sports in the tourism sector. The aim is to achieve full compliance with established safety standards whereby all persons operating vessels would have the necessary certification. In addition, there is work involving the inspection and certification of vessel ships and pleasure craft for safety and marine pollution prevention systems.

The PAJ has both regulatory and developmental roles in Jamaica's ports and shipping industry. The commercial activities of the PAJ are evident in the operations of the Kingston Container Terminal (KCT), cruise shipping industry and the Free Zones subsector. In addition, the PAJ monitors and regulates the navigation of vessels entering and leaving Jamaican ports and sets tariffs charged on goods passing through public wharves. Notably, tug and pilotage services are also available to vessels through the PAJ.

The Ports Security Corps Limited was incorporated in 1989 to safeguard all publicly owned ports and airports throughout Jamaica. Over the years, the services of the Corps have been expanded to include the provision of security services for the major tourist resorts towns of Negril, Ocho Rios, Port Antonio and Montego Bay, Government residencies and the Jamaica Urban Transit Company Limited (JUTC). The Corps has a cadre of over 700 security officers trained in the areas: Aviation Security, Maritime Security, Industrial Security, Intelligence Gathering, Narcotic Interdiction Techniques, Narcotic Detection, Radio Communication, Civics and Tourism, Public Relations, Personal Development and Physical Development.

The maritime sector has encountered major security changes, as there has been the implementation of a programme designed to upgrade the security profile of Jamaica's ports. Security systems now in operation include X-Ray machines, which have assisted in detection of contraband, including narcotics, motor vehicles and un-customed goods. Other developments include the expansion of the Kingston Container Terminal (K.C.T.), which had the Fourth Phase commencing in June 2003. Notably, the Kingston Harbour was dredged to accommodate vessels with a draught of 14 metres (completed in 2002). Dredging programmes were also carried out at the ports in Montego Bay, St. James and Port Antonio, Portland.

Organisational developments in the maritime sector are evident in the government's transferral of all cruise-shipping operations to the Port Authority of Jamaica (PAJ). Preliminary works have already been done to upgrade the cruise shipping facilities. These include the expansion of the ports at Montego Bay, St. James and Ocho Rios, St. Ann. There is now a strong proposal for the construction of a new cruise ship facility at the port of Lucea, in the parish of Hanover. Additional developments in cruise shipping facilities include the construction of the Port Antonio Marina, which was officially opened in September 2002. The marina is being promoted as a yachting center for yachts and other pleasure craft. The development of the Port Antonio Marina included the

refurbishing and upgrading of the Ken Wright Cruise Shipping Pier, construction of a boatyard (to repair and service boats), and development of a promenade and access road. There are also specialized shops on the compound, other service facilities and entertainment.

The Ferry Service

The ferry services commenced in 1938 under the Harbours Division. The responsibility for the operation of the ferry service was later assumed by the PAJ in 1972. Due to financial difficulties, the ferry service, after being in operation for over 65 years, was closed on August 31, 2003. Revenues from the service had proven insufficient to cover the expenses related to the general operation of the ferry. After significant losses were incurred, approval was granted for closure of the service. Notably, prior to its closure, the ferry service was one of the few remaining services with an untarnished reputation for being on time. Originally, the ferry service had over fourteen (14) trips per day but this was scaled down to eight (8) trips in 2001 mainly due to the loss of passengers to the newly instituted bus service. Numerous feasibility studies were done in relation to sustaining the service prior to its closure. However, a substantial investment was necessary for this movement. There were a number of issues such as the ferries being over 20 years old and having a capacity of only 120 passengers. A feasible service would have required new vessels that could accommodate 300 to 400 passengers. Since the closure of the ferry service, private entities such as Port Royal Brotherhood have emerged in an effort to revive the operations of the ferry, but more investors are needed.

Conclusion

In summary, extensive developments have occurred in the transportation sector in Jamaica. The development of seaports, upgrading works at the two international airports, bridge improvements, traffic management projects, road works and highway construction, reform of the institutional arrangements and revision of proposals to revive the railway services represent only a fraction of the transformations that have occurred within the transportation sector. Despite these developments, there are still critical areas within the transportation sector that require attention. However, there is now a movement toward the goal of an improved transportation system whilst acknowledging the current shortfalls. It is evident that the expansion of facilities at airports and seaports, improvement in country's internal air transportation system, (which provides strategic links to tourism and commerce) and the revitalisation of the railway and the ferry service are areas that require further deliberation. More feasibility studies need to be done and research into the various areas carried out. However, though recognizing the need to improve efficiency within the present transportation system, the aim of this report is to present a synopsis of the existing system and the output, given its present

limitations. Subsequent reports will involve a comparative element where changes in output will be monitored and improvement and/or deficiencies highlighted. It is hoped that the reader will be presented with a greater insight into the operations of the transportation system in Jamaica and that the information provided herewith will prove beneficial in application to any sphere of society.

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REPORT PROFILE

Annual Transport Statistics: Jamaica in Figures 2003-2004 presents information in tabular and graphical formats. Tables are constructed with the reader in mind and are designed to be as user-friendly as possible. Some information presented in this report is in calendar year (January 1st to December 31st) figures, while the remaining information is available in financial year (April 1st to March 31st) data. The availability of calendar and financial year data will vary for subsequent transport statistics reports as the MTW develops its transport statistics database.

The statistical report consists of seven (7) main sections, which are as follows:

- Section One: Portfolio Entities of the Ministry of Transport and Works
- Section Two: General Information
- Section Three: Transport Infrastructure
- Section Four: Land Transport Statistics
- Section Five: Maritime Transport Statistics
- Section Six: Air Transport Statistics
- Appendices

Section One: Portfolio Entities of the Ministry of Transport and Works

In this section, the MTW and its portfolio entities are highlighted. Contact details as well as the names and posts of the heads of these entities are presented for informational purposes. Parish, Regional and Head Office locations are represented spatially showing all locations islandwide.

Section Two: General Information

Transportation is presented in larger fora showing its interaction with GDP, employment, and petroleum consumption. Information is also presented on the size of the population and land mass of mainland Jamaica. All tables are accompanied by graphs.

Section Three: Transport Infrastructure

Data relating to rail, road, public transportation, maritime and air infrastructure is presented. An idea of the overall transportation infrastructure is represented on maps for easy comprehension of information.

Section Four: Land Transport Statistics

Information on the activities of the various portfolio entities under land transport is displayed in addition to supporting data from the Inland Revenue Department, Jamaica Social Investment Fund (JSIF), STATIN, Trade Board Limited and the Technical Services Unit of the MTW.

Section Five: Maritime Transport Statistics

The activities of the maritime portfolio entities of the MTW are available in calendar and financial year figures. Information is comprehensive encompassing activities at ports, regulatory bodies and the main training institution.

Section Six: Air Transport Statistics

Statistics on cargo, mail and passenger movements at aerodromes, aircraft movements, energy consumption and aircraft registration are presented in this section.

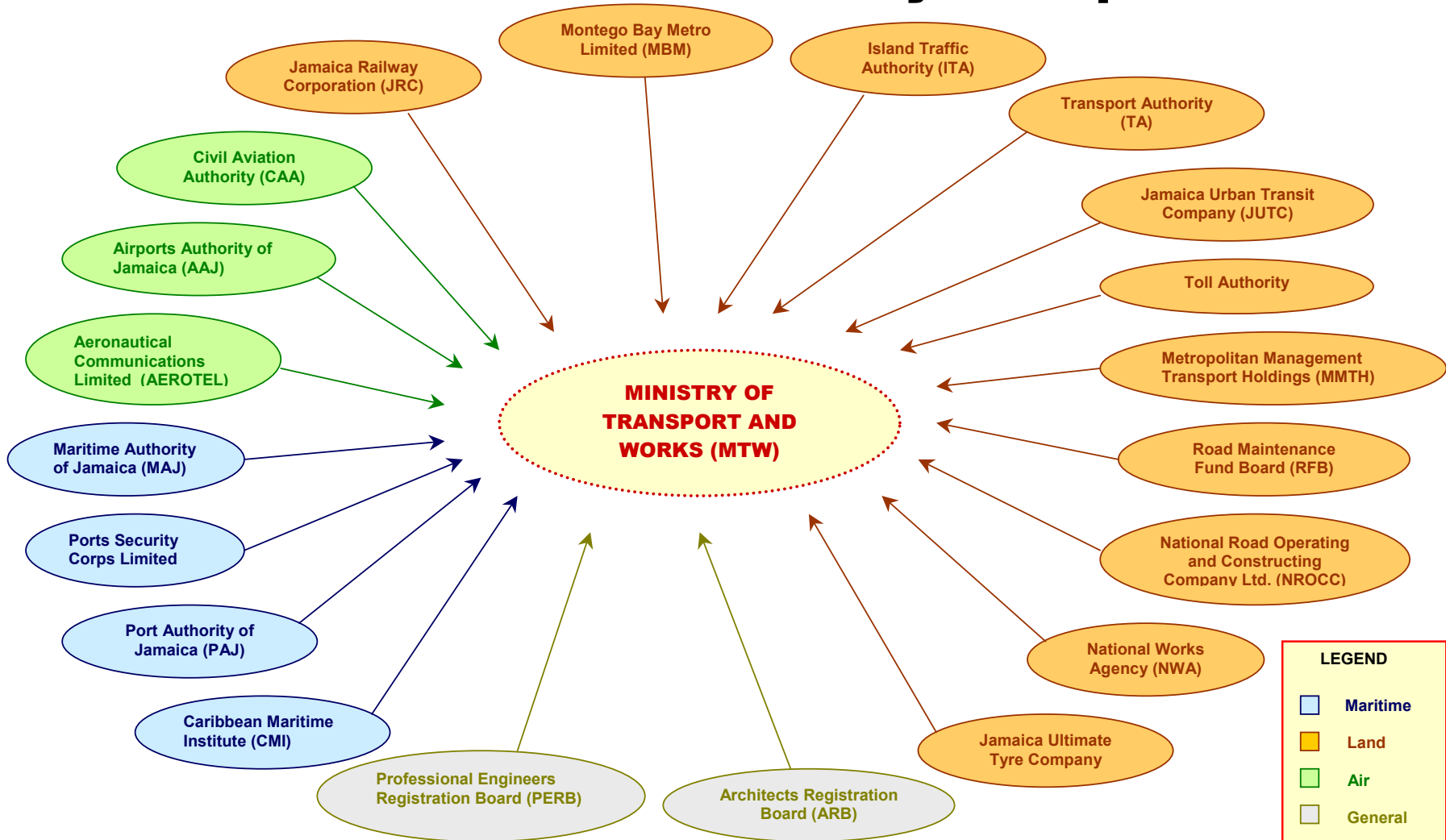
Appendices

Appendix I: Tables and charts associated with information in other sections of the report are displayed. Status reports on major projects of the NWA, traffic counts, maritime activities, international scheduled and non-scheduled air carrier movements, motor vehicle import descriptions, the Jamaican Civil Aircraft Register, Ship Registry and a list of farm roads under the Rural Agricultural Development Authority (RADA) are also available.

Appendix II: This is the Glossary for the report and definitions are provided in relation to all areas of transportation.

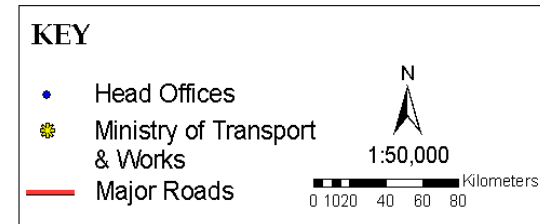
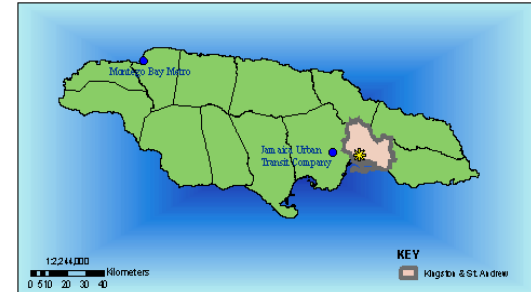
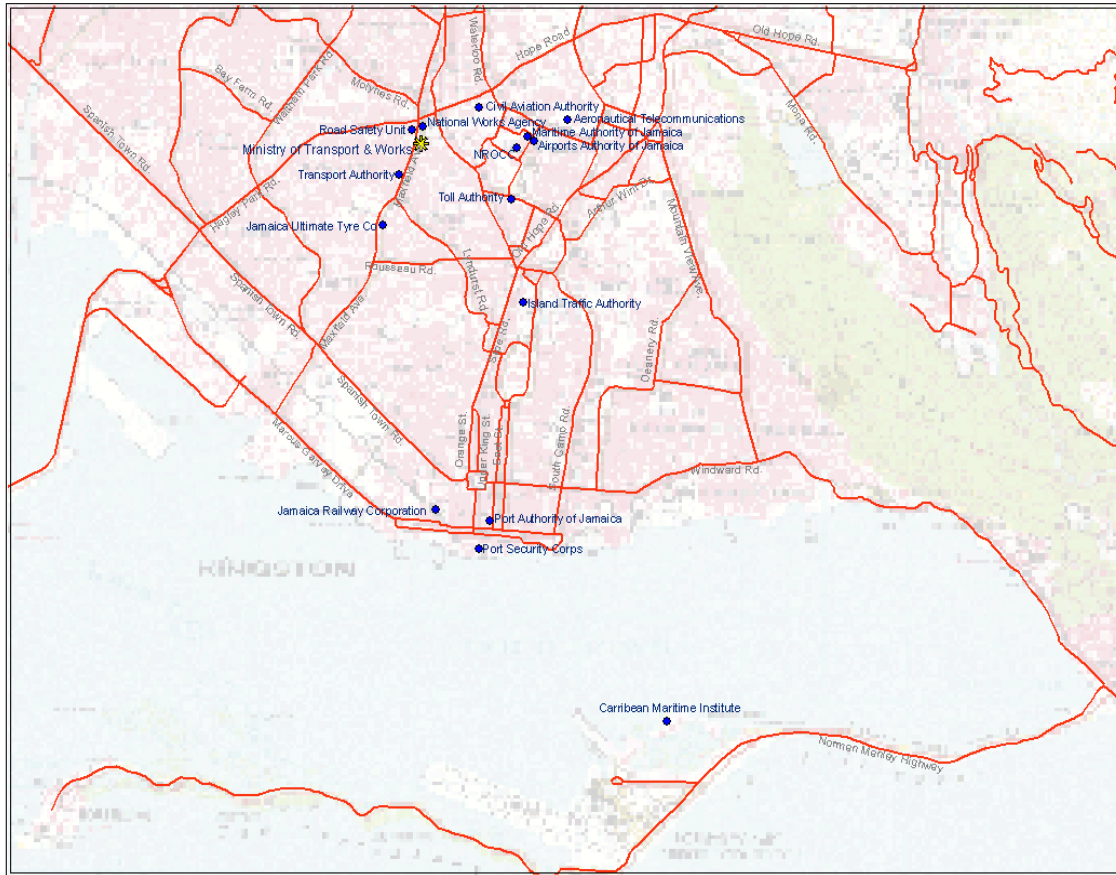
Appendix III: The references/information sources are displayed. It should be noted that most of the information presented in this document is primary data received directly from the various entities.

SECTION ONE: Portfolio Entities of the Ministry of Transport and Works



SECTION ONE: Portfolio Entities of the Ministry of Transport & Works

THE MTW & HEAD OFFICES OF PORTFOLIO ENTITIES



Projection: Lambert Conformal Conic
 Datum: D_WGS_1984
 Grid System : JAD_2001
 Units : Kilometers
 Date: January 25, 2005
 Done by: Technical Services Unit
 Organization: Ministry of Transport & Works
 Information Source: Technical Services Unit

Source: Technical Services Unit, Ministry of Transport and Works
Map A Location of The Ministry of Transport and Works and Head Offices for Portfolio Entities

SECTION ONE: Portfolio Entities of the Ministry of Transport & Works

List A

Portfolio Entities of the Ministry of Transport and Works

	ENTITY	CONTACT INFORMATION	CHAIRMEN/CHIEF EXECUTIVE OFFICERS/HEADS OF AGENCIES
LAND TRANSPORT	<i>Island Traffic Authority*</i>	1½ Manhattan Road, Kingston 5 Tel: (876) 926-8148/6828-9 Fax: (876) 929-6210	Mr. Winston Rattray Director
	<i>Jamaica Railway Corporation</i>	142 Barry Street, P.O. Box 489, Kingston Tel: (876) 922-6433 Fax: (876) 922-4539	Mr. Whilston Taylor Chairman Mr. Owen Crooks General Manager
	<i>Jamaica Urban Transit Company</i>	Michael Manley Drive, Spanish Town, St. Catherine Tel: (876) 749-3192 Website: www.jutc.com	Hon. Noel Hylton Chairman Mr. Patrick McIntosh President
	<i>Jamaica Ultimate Tyre Company</i>	104 Maxfield Avenue, Kingston 13 Tel: (876) 929-1990 (876) 960-2705 Fax: (876) 960-2434	Mr. Ainsworth Scott General Manager
	<i>Metropolitan Management Transport Holdings Limited (MMTH)</i> <i>(OPERATIONS CEASED MARCH 31, 2004)</i>	36 Trafalgar Road, Kingston 10 Tel: (876) 926-7968-70 Fax: (876) 926-7973	Mr. Howard Hamilton Chairman Desmond Brown General Manager
	<i>Montego Bay Metro</i>	Bogue Industrial Estate, Montego Bay, St. James Tel: (876) 971-2048 Fax: (876) 971-6114	Mr. Anthony Copeland General Manager
	<i>National Roads Operating and Constructing Company (NROCC)</i>	10 – 16 Grenada Way, Kingston 5 Tel: (876) 929-1581 (876) 926-7830	Mr. Kingsley Thomas Chairman Dr. Wayne Reid Managing Director
	<i>National Works Agency</i>	140 Maxfield Avenue, Kingston 10 Tel: (876) 926-3210-9 Fax: (876) 926-2572 Website: www.nwa.gov.jm	Mr. Ivan Anderson Chief Executive Officer

SECTION ONE: Portfolio Entities of the Ministry of Transport & Works

List A (cont'd) – Portfolio Entities of the Ministry of Transport and Works

	ENTITY	CONTACT INFORMATION	CHAIRMEN/CHIEF EXECUTIVE OFFICERS/HEADS OF AGENCIES
LAND TRANSPORT (cont'd)	Road Maintenance Fund Board	Unit 11, 2 Seymour Avenue, Kingston 5 Tel: (876) 927-6444/3332 Fax: (876) 946-1270	Mr. Prakash Vaswani Chairman Mr. Clement Watson Managing Director
	Road Safety Unit*	145 Maxfield Avenue, Kingston 10 Tel: (876) 960-8573-5 Fax: (876) 960-2886	Mr. Paul Clemetson Director
	Toll Authority	11A –15 Oxford Road, Kingston 5 Tel: (876) 929-6124/5119 Fax: (876) 929-6055	Mr. Patrick McIntosh Chairman Mr. Dunbar McFarlane Toll Regulator
	Transport Authority	119 Maxfield Avenue, Kingston 10 Tel: (876) 926-8912 (876) 908-1997-8 Fax: (876) 929-4178	Mr. Norton Hinds Chairman Ms. Joan Fletcher Managing Director
MARINE TRANSPORT	Caribbean Maritime Institute	Norman Manley Highway, Palisadoes Park, P.O. Box 8081 CSO, Kingston Tel: (876) 924-8150/8176/8198 Fax: (876) 924-8158/8072 Email: info@cmi.edu.jm	Capt. Hopeton Delisser Chairman Lt. Cdr. Michael Rodriguez Executive Director
	Maritime Authority of Jamaica	40 Knutsford Blvd., Kingston 5 Tel: (876) 929-2201/754-7260-5 Fax: (876) 754-7256 Email: maj@jamaicaships.com	Rear Admiral Peter Brady Director General
	Port Authority of Jamaica	15-17 Duke Street, Kingston Tel: (876) 922-0290-8 Websites: www.portjam.com www.seaportsofjamaica.com	Hon. Noel Hylton President/CEO
	Ports Security Corps	12 Ocean Blvd., Kingston Tel: (876) 967-5363 Fax: (876) 967-2572	Major Vincent Anderson Chairman Major Bruce Bartley Managing Director

SECTION ONE: Portfolio Entities of the Ministry of Transport & Works

List A (cont'd) – Portfolio Entities of the Ministry of Transport and Works

	ENTITY	CONTACT INFORMATION	CHAIRMEN/CHIEF EXECUTIVE OFFICERS/HEADS OF AGENCIES
AIR TRANSPORT	<i>Aeronautical Telecommunications Limited (AEROTEL)</i>	1 Braemar Avenue, Kingston 10 Tel: (876) 978-3974/4037 (876) 926-1880 Fax: (876) 926-5012 Website: www.aerotel-jm.com	Mr. Arturo Stewart Chairman Mr. Linvol Stephens Actg. General Manager
	<i>Airports Authority of Jamaica</i>	53 Knutsford Blvd, Kingston 5 Tel: (876) 926-1622-3 Website: www.aaj.com	Mr. Dennis Morrison Chairman Mr. Earl Richards President
	<i>Civil Aviation Authority</i>	4 Winchester Road, Kingston 10 Tel: (876) 960-3965/4033/3948 Fax: (876) 960-1637 (876) 920-0194	Mr. Anthony Kelly Chairman Col. Torrance Lewis Director General
REGISTRATION BOARDS	<i>Architects Registration Board (ARB)</i>	2a Caledonia Crescent, Kingston 5 Tel: (876) 926-8060 Fax: (876) 920-3589	Mr. Douglas Stiebel Registrar/Secretary Mr. Errol Alberga Chairman
	<i>Professional Engineers Registration Board (PERB)</i>	2 Winchester Road, Kingston 10 Tel/Fax: (876) 929-8820	Mrs. Gloria Brown Registrar/Secretary Mr. Milton L. Weisse Chairman

Source: Technical Services Unit, Ministry of Transport and Works

* This Department is not a portfolio entity but part of the MTW structure.

SECTION ONE: Portfolio Entities of the Ministry of Transport & Works

List B

Parish and Regional Offices of Portfolio Entities

PARISH	NATIONAL WORKS AGENCY (NWA)	ISLAND TRAFFIC AUTHORITY (ITA) MOTOR VEHICLE EXAMINATION DEPOTS	TRANSPORT AUTHORITY (TA) - REGIONAL OFFICES
Clarendon	Trenton Road, May Pen Tel: (876) 986-2217/2481 Fax: (876) 902-7532	Trenton Road, May Pen Tel: (876) 986-2386 Fax: (876) 986-2030	
Hanover	Fort Charlotte Drive, Lucea Tel: (876) 956-2215/2226/2435 Fax: (876) 956-2942	Watson Taylor Drive, Lucea Tel: (876) 956-2610 Fax: (876) 956-2645	
Kingston and St. Andrew	Kingston Metropolitan Region Office 15 Hagley Park Road, Kingston 10 * Tel: (876) 926-6499/1232 (876) 929-7328 Fax: (876) 929-7327	(i) 82B Spanish Town Road, Kingston 13 Tel: (876) 923-6356/7059 Fax: (876) 901-8955 (<i>vehicles</i>) (876) 757-5403 (<i>Drivers' Licences</i>) (ii) Swallowfield: 6 Central Avenue, Kingston 5 Tel: (876) 929-1644 Fax: (876) 754-2028	
Manchester	Central Region Office 33 Caledonia Road, Mandeville * Tel: (876) 962-2258 Fax: (876) 961-6172	Levy Lane, Mandeville Tel: (876) 962-2750 Fax: (876) 961-4659	Southern Regional Office (SRO) 7B Caledonia Road, Mandeville Tel: (876) 962-1539/1550 Fax: (876) 962-1550
Portland	North East Region Office West Street, Port Antonio * Tel: (876) 715-5225 (876) 993-2531 Fax: (876) 993-2531	Bryants Bay, Port Antonio Tel: (876) 715-6531	
St. Ann	13 Main Street, St. Ann's Bay Tel: (876) 972-2213/2249/2853 Fax: (876) 972-9345	13 Tucker Avenue, St. Ann's Bay Tel: (876) 972-2219 Fax: (876) 972-7997	
St. Catherine	15 Barrett Street, Spanish Town Tel: (876) 984-2222/2354 Fax: (876) 984-9593	36 Job's Lane, Spanish Town Tel: (876) 748-2355 Fax: (876) 981-7957	
St. Elizabeth	60 High Street, Black River Tel: (876) 965-2242/2286 Fax: (876) 965-2947	Black River Tel: (876) 965-2214 Fax: (876) 965-9437	

SECTION ONE: Portfolio Entities of the Ministry of Transport & Works

List B (cont'd) – Parish and Regional Offices of Portfolio Entities

PARISH	NATIONAL WORKS AGENCY (NWA)	ISLAND TRAFFIC AUTHORITY (ITA) MOTOR VEHICLE EXAMINATION DEPOTS	TRANSPORT AUTHORITY (TA) - REGIONAL OFFICES
St. James	Western Region Office Flankers Main Road, Montego Bay * Tel: (876) 940-7337 (876) 952-2931 Fax: (876) 940-7973 (876) 979-2900	Flankers, Montego Bay Tel: (876) 952-2932 Fax: (876) 971-9476	Western Regional Office (WRO) Montego Freeport, Montego Bay Tel: (876) 684-9639/9640-1 Fax: (876) 684-9639
St. Mary	Richmond Tel: (876) 992-0118/0127 Fax: (876) 992-0081	Main Street, Port Maria Tel: (876) 994-2438 (876) 993-2701	North Eastern Regional Office (NERO) Balmoral Heights, Tower Isle Tel: (876) 975-4285/5676 Fax: (876) 975-4199
St. Thomas	16 Church Street, Morant Bay Tel: (876) 982-2201 Fax: (876) 982-2302	Roselle, Morant Bay Tel: (876) 982-2230 Fax: (876) 734-1490	
Trelawny	Thorpe Street, Falmouth Tel: (876) 954-3221/3511 Fax: (876) 954-4627	6 Rodney Street, Falmouth Tel: (876) 954-3410	
Westmoreland	Barracks Road, Savanna-la-mar Tel: (876) 955-2545/2542 Fax: (876) 955-4830	Barracks Road, Savanna-la-mar Tel: (876) 955-2728	

Source: Technical Services Unit, Ministry of Transport and Works

* Parish and Regional Office of the NWA at same location.

Note: The regional offices of the portfolio entities serve the following parishes:

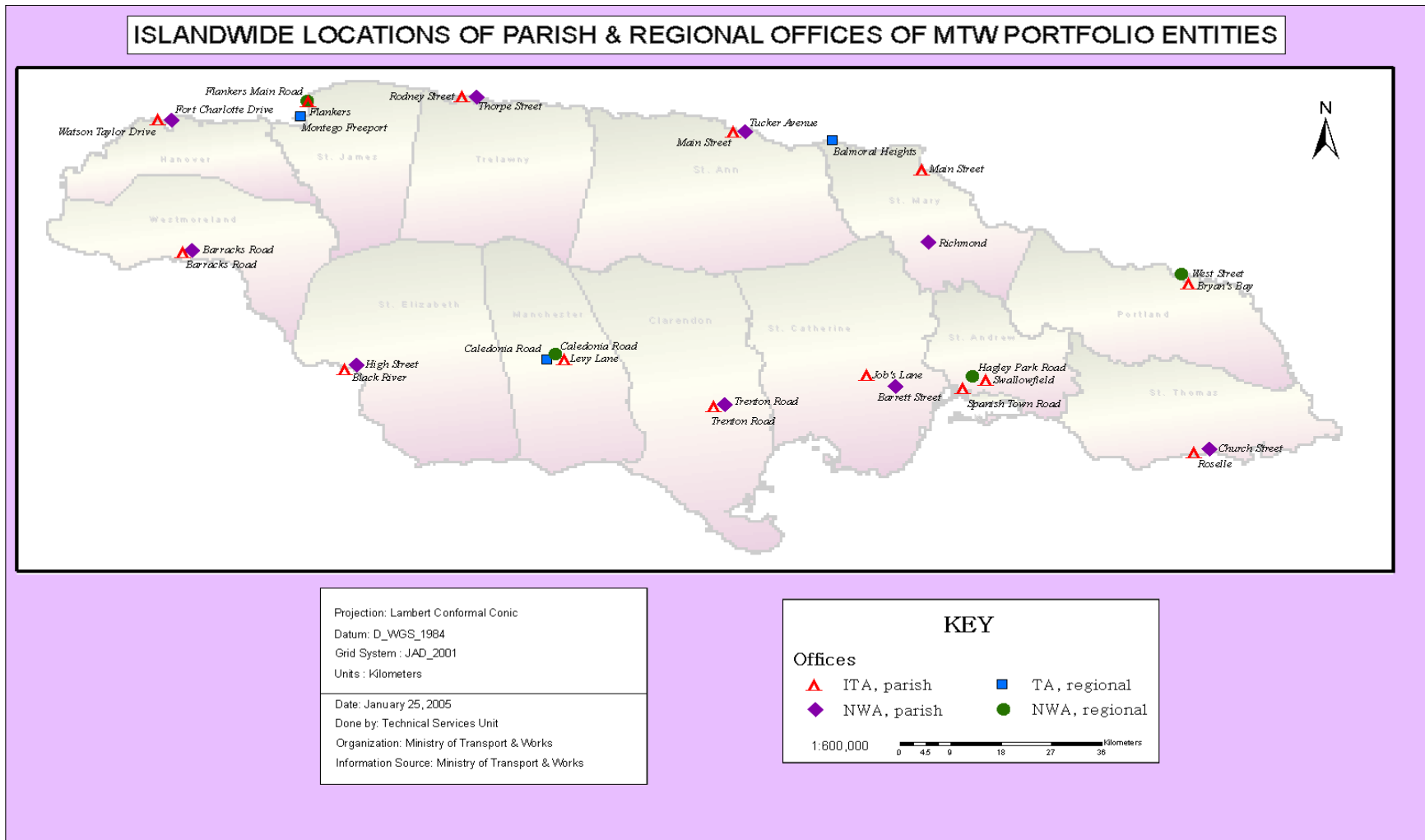
TRANSPORT AUTHORITY (TA)

- **Head Office (Kingston):** St. Thomas, St. Catherine, Kingston, St. Andrew
- **Southern Regional Office (SRO):** Clarendon, Manchester, St. Elizabeth
- **North Eastern Regional Office (NERO):** Portland, Trelawny, St. Ann, St. Mary
- **Western Regional Office (WRO):** St. James, Hanover, Westmoreland and sections of Trelawny

NATIONAL WORKS AGENCY (NWA)

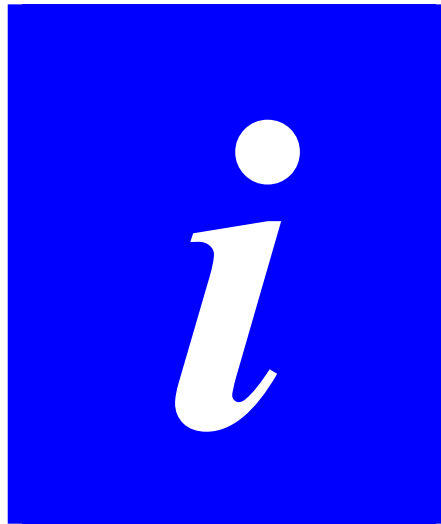
- **Kingston Metropolitan Region (KMR):** Kingston, St. Andrew, St. Catherine
- **North East Region:** Portland, St. Thomas, St. Mary, St. Ann
- **Central Region:** Manchester, Clarendon, St. Elizabeth
- **Western Region:** St. James, Westmoreland, Hanover, Trelawny

SECTION ONE: Portfolio Entities of the Ministry of Transport & Works



Source: Technical Services Unit, Ministry of Transport and Works
Map B Parish and Regional Offices of MTW Portfolio Entities

SECTION TWO: GENERAL INFORMATION



(International Symbol for Information)

Table 2.0 Jamaica: Area in Square Miles and Square Kilometers by Parish

Parish	Capital	Area (sq. miles)	Area (sq. Kilometres)
JAMAICA	KINGSTON	4,243.60	10,990.50
Kingston	Kingston	8.4	21.8
St. Andrew	Half-Way-Tree	166.3	430.7
St. Thomas	Morant Bay	286.8	742.8
Portland	Port Antonio	314.3	814
St. Mary	Port Maria	235.7	610.5
St. Ann	St. Ann's Bay	468.2	1,212.60
Trelawny	Falmouth	337.7	874.6
St. James	Montego Bay	229.7	594.9
Hanover	Lucea	173.9	450.4
Westmoreland	Savanna-la-mar	311.6	807
St. Elizabeth	Black River	468.1	1,212.40
Manchester	Mandeville	320.5	830.1
Clarendon	May Pen	461.9	1,196.30
St. Catherine	Spanish Town	460.4	1,192.40

Source: Statistical Yearbook of Jamaica 1999, Statistical Institute of Jamaica (STATIN) & Survey Department

1 square mile = 2.590 square kilometres
 1 mile = 1.6093 kilometres

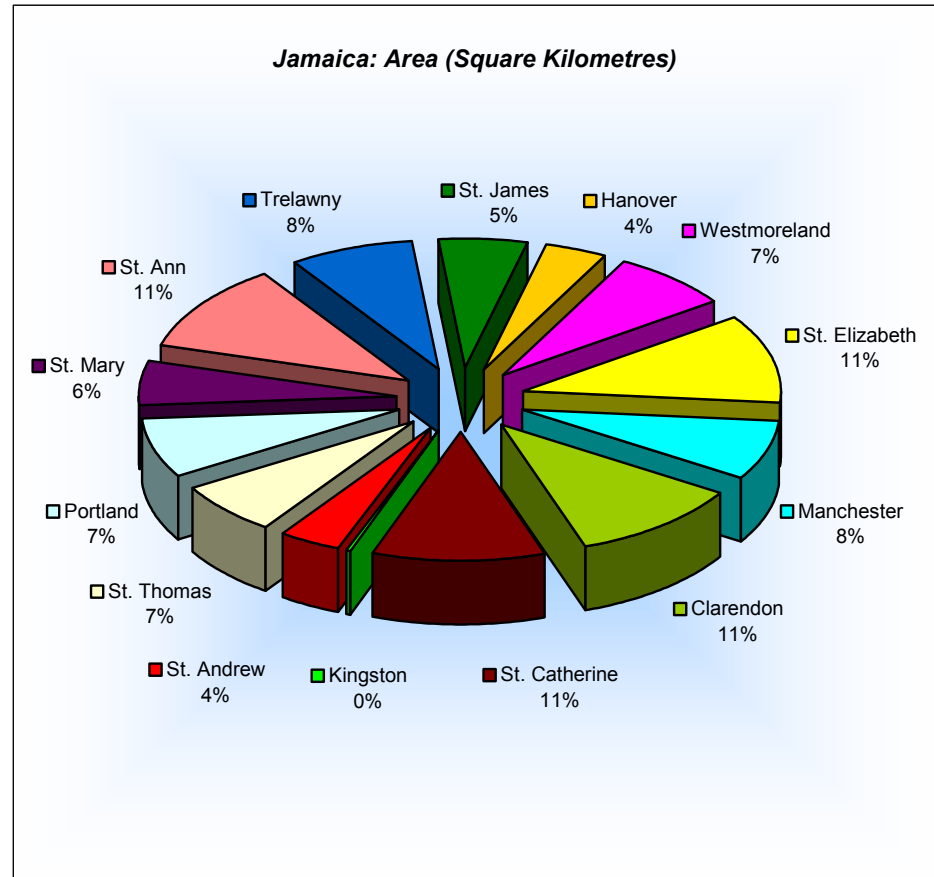


Table 2.1 Jamaican Population Categorised by Parish 2003

Parish	End of Year 2003	Mean
Kingston & St. Andrew	656,516	654,845
St. Thomas	93,260	92,854
Portland	81,504	81,204
St. Mary	112,780	112,473
St. Ann	170,359	169,538
Trelawny	73,702	73,559
St. James	178,419	177,581
Hanover	67,290	67,208
Westmoreland	141,321	140,771
St. Elizabeth	147,597	147,325
Manchester	190,540	189,583
Clarendon	242,139	241,067
St. Catherine	486,162	485,377
TOTAL	2,641,579	2,633,384

Source: Demographic Statistics 2003, Statistical Institute of Jamaica (STATIN)

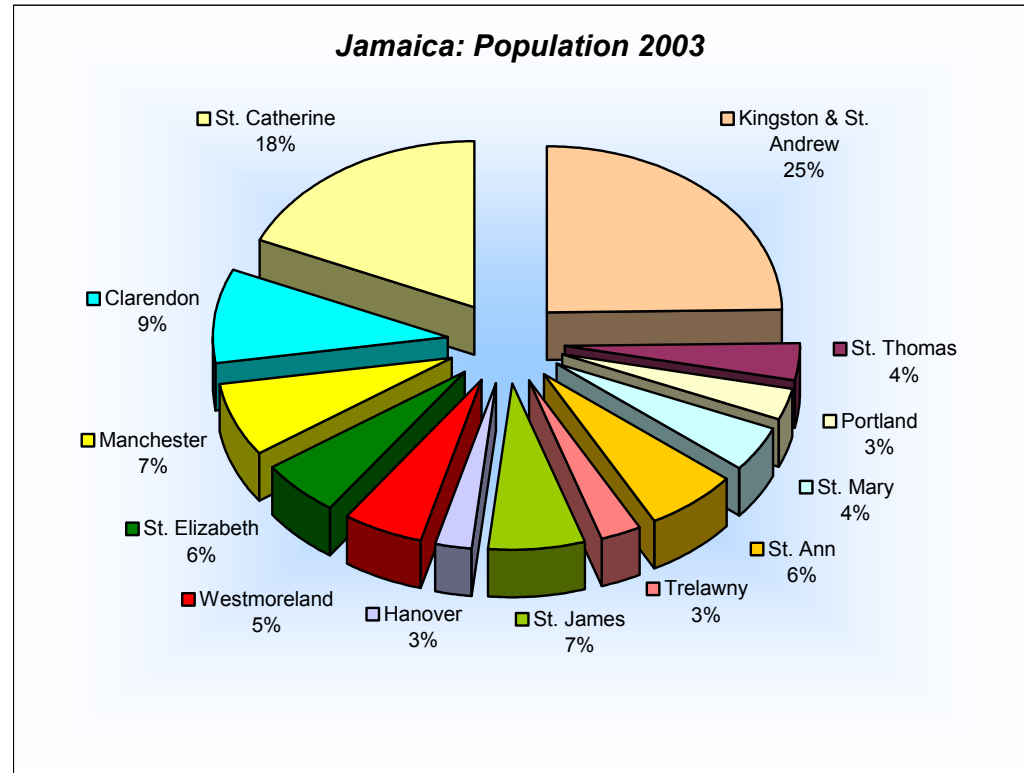


Table 2.2 Transport and GDP
GDP by Industrial Sectors in Producers' Values at Constant (1996) Prices, 2003

Industrial Sector	J\$ Million	% of GDP
<i>Agriculture, Forestry & Fishing</i>	14,689.40	6.3
<i>Mining and Quarrying</i>	13,272.40	5.7
<i>Manufacturing</i>	31,583.30	13.5
<i>Electricity and Water</i>	9,460.30	4.0
<i>Construction and Installation</i>	22,293.60	9.5
<i>Distributive Trade</i>	51,209.00	21.8
TRANSPORT [RAILWAY, ROAD, WATER AND AIR TRANSPORT (INCLUDING SERVICES ALLIED TO TRANSPORT)]**	16,570.7	7.1
<i>Storage and Warehousing**</i>	17.9	.01
<i>Communication**</i>	16,143.4	6.9
<i>Financing and Insurance Services</i>	19,770.00	8.4
<i>Real Estate & Business Services</i>	11,971.10	5.1
<i>Producers of Government Services</i>	23,416.90	10
<i>Miscellaneous Services</i>	19,115.70	8.1
<i>Household and Non-Profit Institutions</i>	1,098.80	0.5
<i>LESS Imputed Bank Service Charge</i>	15,883.00	6.8
Total GDP	250,612.60	
<i>LESS Imputed Bank Service Charge</i>	15,883.00	6.8
TOTAL GDP AT CONSTANT PRICES	234,729.60	100.0

Source: National Income and Product 2003, Statistical Institute of Jamaica (STATIN)

** Transport, Storage and Communication amounts to \$32,732.10 million, 14% of total GDP.

Note: Figures shown are in Jamaican currency.

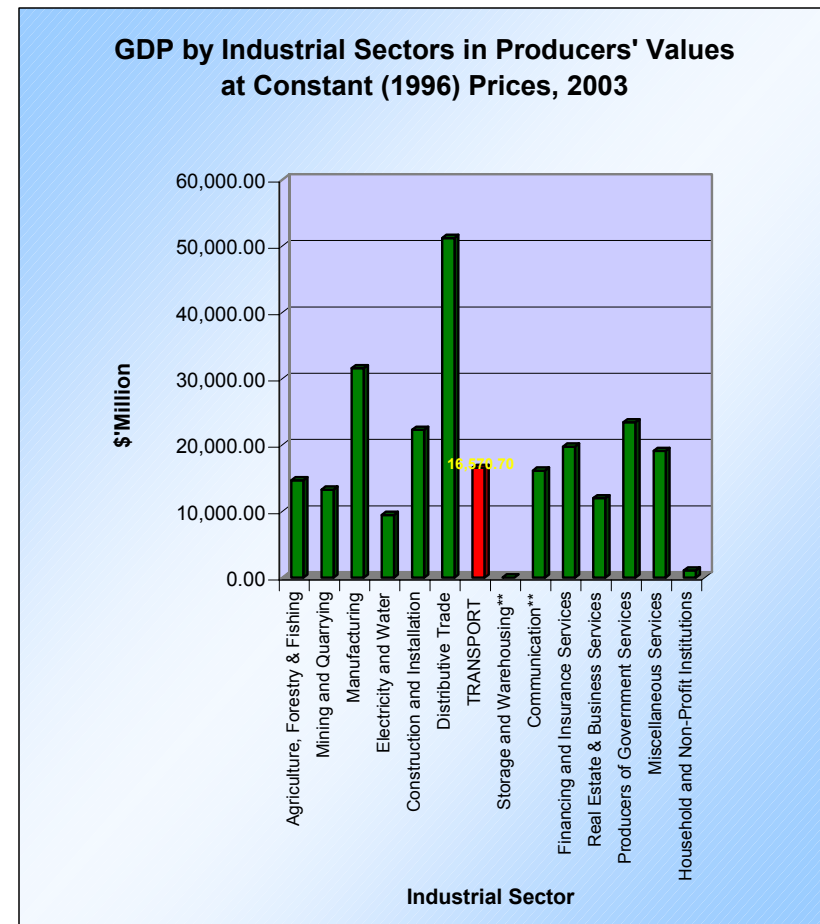


Table 2.3 Total Labour Force (Employed and Unemployed) in the Transport Industry by Occupation and Gender 2003

Occupation	Male	Percentage (%)	Female	Percentage (%)	Both Sexes
Professionals	5,200	65.8	2,700	34.2	7,900
Clerks	3,300	30.8	7,400	69.2	10,700
Service Workers	4,400	67.7	2,100	32.3	6,500
Skilled Agriculture & Fishery Workers	0	0	0	0	0
Craft & Related Trades Workers	2,000	90.9	200	9.1	2,200
Plant & Machine Operators	35,100	98.6	500	1.4	35,600
Elementary Occupation	4,700	83.9	900	16.1	5,600
TOTAL	54,700	79.9	13,800	20.1	68,500

Source: The Labour Force 2003, Statistical Institute of Jamaica (STATIN)

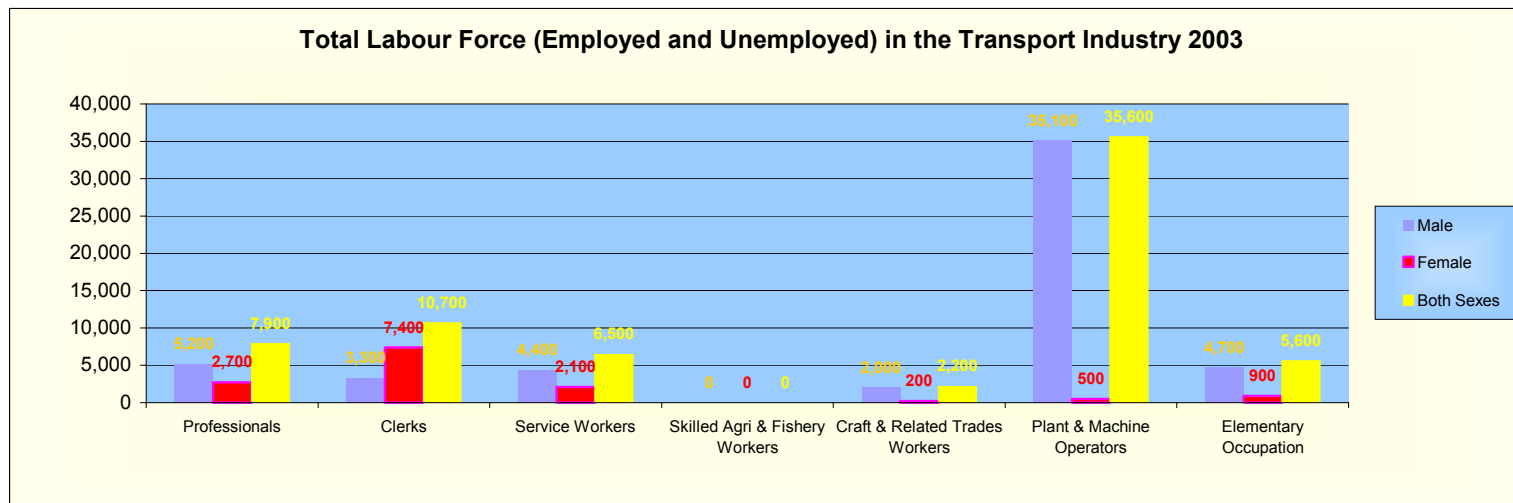


Table 2.4 **Employed Labour Force by Industry Group as at October 2003**

Industry Group	Male	Female	TOTAL	% Total
Agriculture, Forestry & Fishing	154,000	34,800	188,800	
Mining	3,700	400	4,100	0%
Manufacturing	46,600	21,400	68,000	7%
Electricity, Gas and Water	5,400	1,100	6,500	1%
Construction and Installation	87,200	3,000	90,200	9%
Wholesale & Retail, Hotels & Restaurants Services	79,600	131,200	210,800	22%
TRANSPORT, STORAGE AND COMMUNICATION	51,600	12,500	64,100	7%
Financing, Insurance, Real Estate and Business Services	31,300	34,700	66,000	7%
Community, Social and Personal Services	93,400	163,800	257,200	27%
Industry Not Specified	1,100	500	1,600	0%
TOTAL EMPLOYED LABOUR FORCE	553,900	403,400	957,300	100%

Source: The Labour Force 2003, Statistical Institute of Jamaica (STATIN)

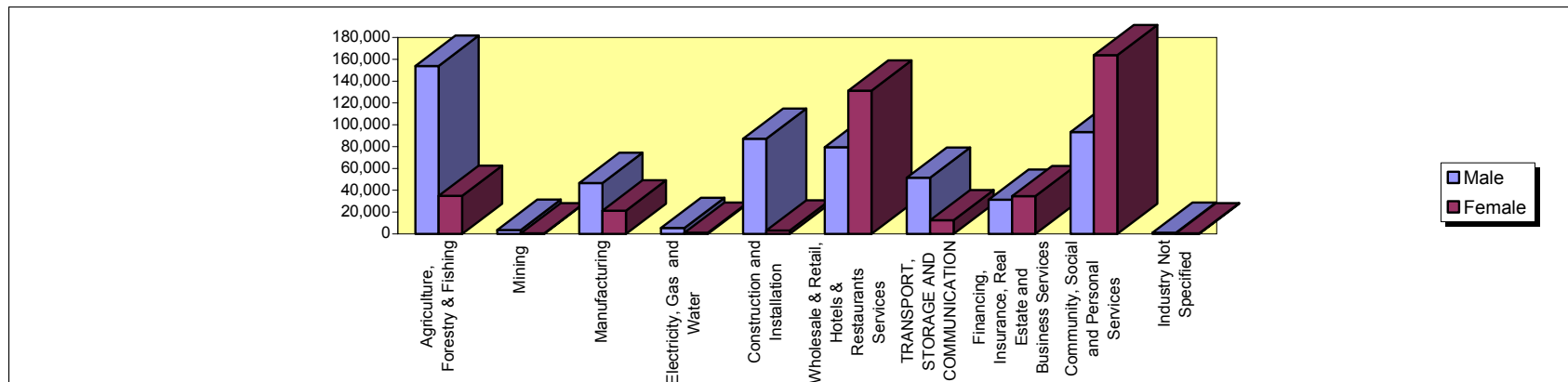


Table 2.5 Petroleum Products and Transport

Petroleum Consumption by Fuel Type 2003 (Barrels)

Fuel Type/Product	Consumption (BLS)*
Aviation Gasoline	3,200
Turbo Fuel	1,616,943
Leaded Gasoline/Unleaded 87	2,609,429
Unleaded Gasoline 90	1,778,967
Kerosene	40,740
Auto Diesel Oil	3,923,709
Marine Diesel Oil	-
Fuel Oil (Bunker – C)	12,591,636
Fuel Oil (Low Van)	2,071,045
LPG	864,701
Lubricants	107,474
Asphalt	201,555
Other	2,423
TOTAL	25,811,822

* Figures are preliminary
 Source: Energy Division, Ministry of Commerce, Science and Technology (with Energy)

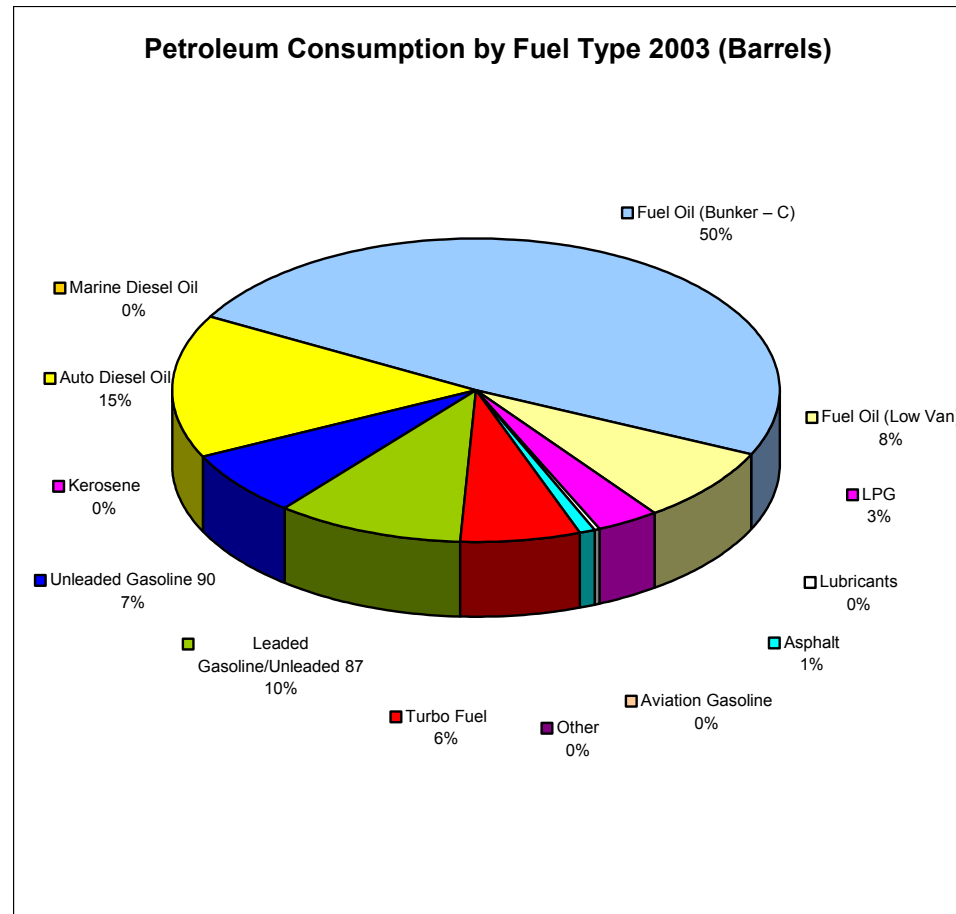


Table 2.6a Petroleum Consumption by Activity 2003

Activity	Consumption (BLS)*
Road & Rail Transportation	6,070,870
Shipping	391,008
Aviation	1,620,143
Cement Manufacture	51,124
Electricity Generation	6,471,480
Bauxite/ Alumina Processing	9,545,660
Sugar Manufacturing	80,384
Cooking and Lighting	905,551
Petroleum Refinery	259,405
Other Manufacturing	142,276
Other	252,743
TOTAL	25,790,644

Source: Energy Division, Ministry of Commerce, Science and Technology

*Note: Figures are preliminary.

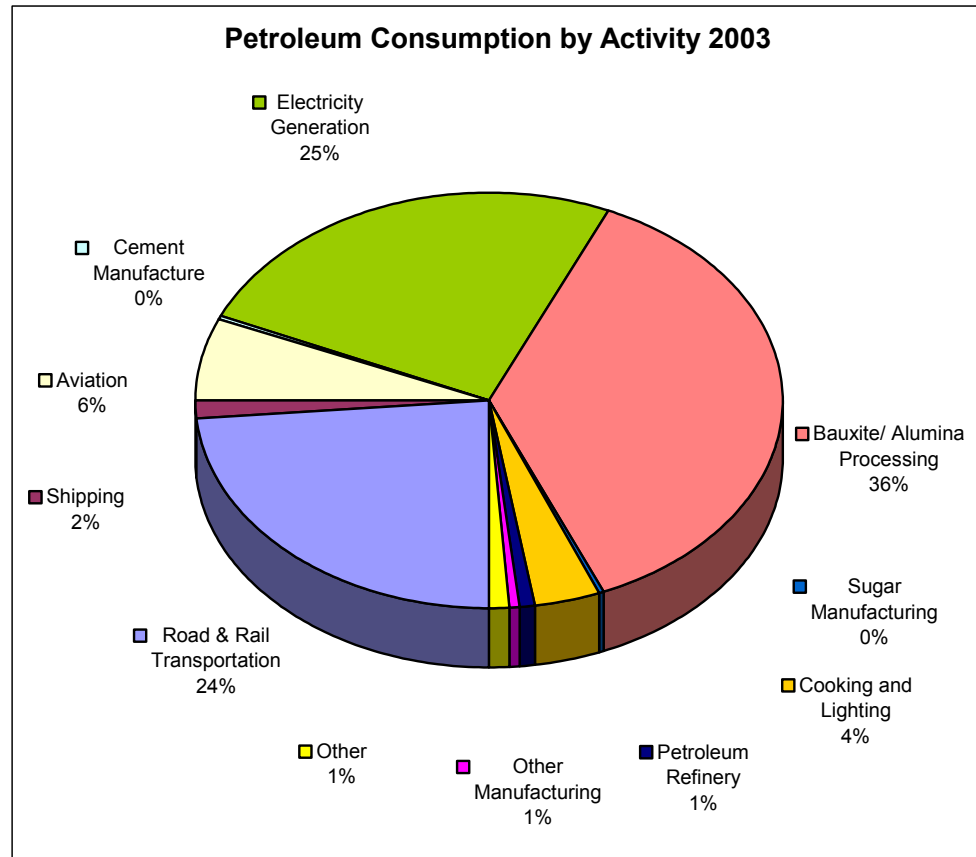
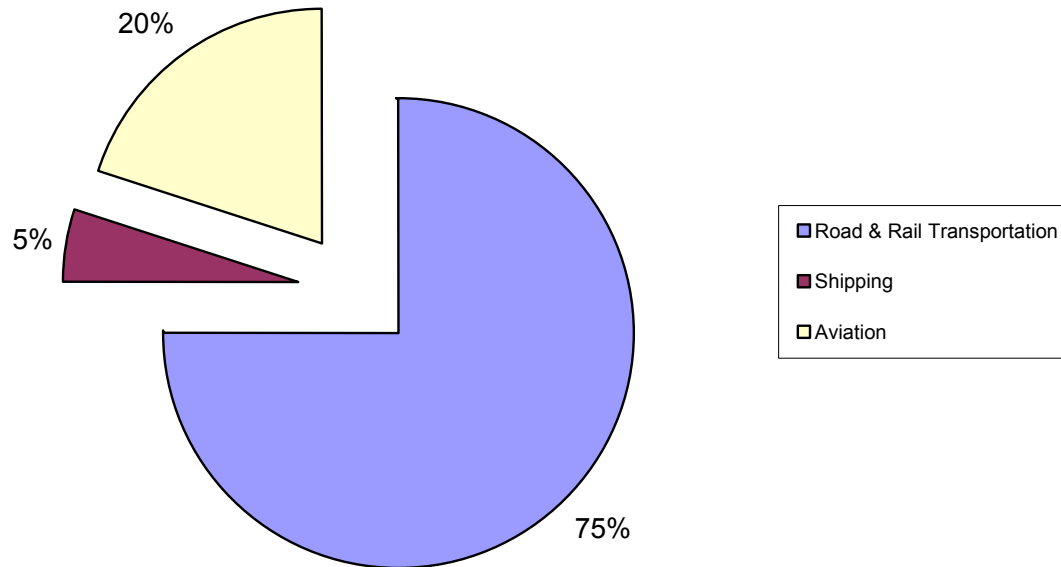


Table 2.6b Petroleum Consumption and Transportation 2003

<i>Transportation</i>	<i>Consumption (BLS)</i>	<i>% Total Consumption</i>
<i>Road & Railway</i>	6,070,870	75%
<i>Marine</i>	391,008	5%
<i>Aviation</i>	1,620,143	20%
TOTAL	8,082,021	100%

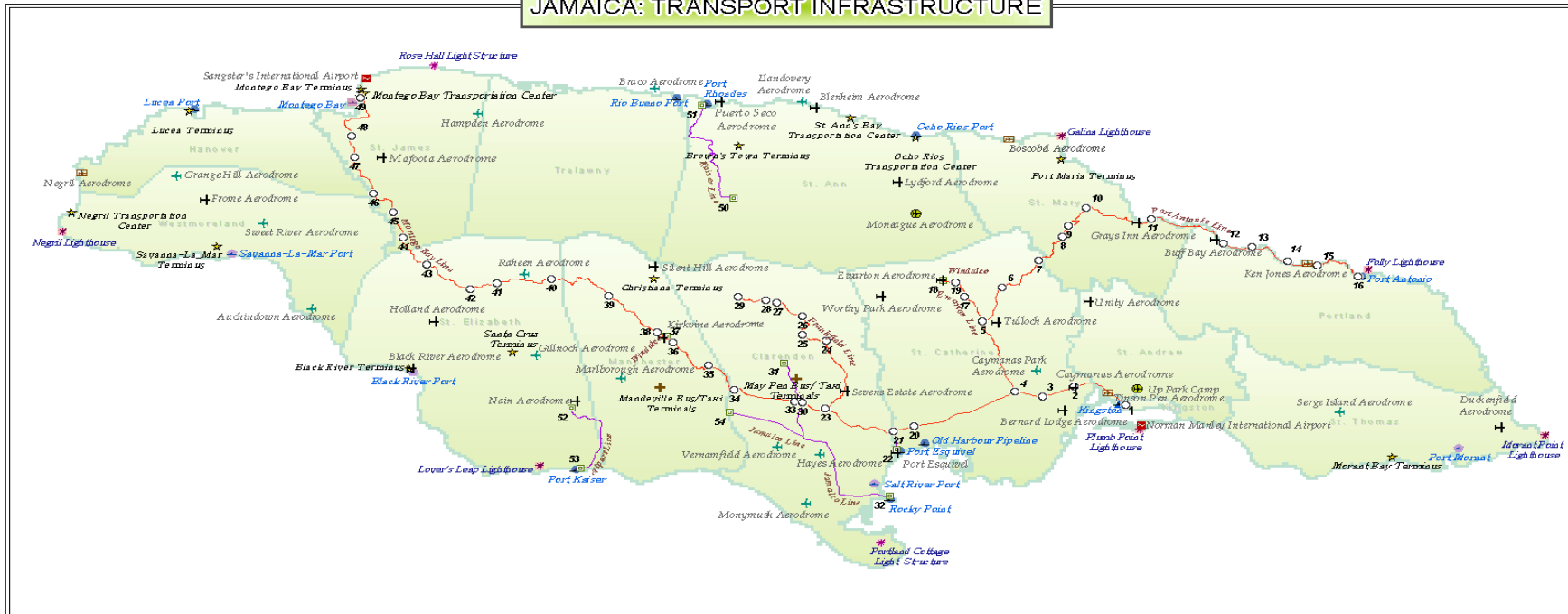
Notes: (i) Figures are preliminary
 (ii) The transport sector accounts for **31.34%** of the overall petroleum consumption by activity

Source: Ministry of Commerce, Science and Technology (with Energy)



SECTION THREE: Transport Infrastructure

JAMAICA: TRANSPORT INFRASTRUCTURE



Projection: Lambert Conformal Conic
 Datum: D_WGS_1984
 Grid System: JAD_2001
 Units: Kilometers
 Date: January 25, 2005
 Done by: Technical Services Unit
 Organization: Ministry of Transport & Works
 Information Sources:
 Baudite Companies, Civil Aviation Authority,
 Jamaica Railway Corporation, Port Authority
 of Jamaica & Transport Authority

KEY

Aerodromes
 [Red Square] International Airport
 [Green Square] Public Airfield/Airstrip
 [Blue Square] Private Airfield/Airstrip
 [Black Square] Close d Airfield/Airfield

Ports/Wharves
 [Blue Square] Public
 [Red Square] Suffernce/Private
 [Blue Square] Public & Suffernce
 [Black Square] Inactive

Bus/Taxi Terminus
 [Star] Terminus/Transportation Centers
 [Plus] Areas where bus parks & taxi stands are clustered

Lighthouses
 [Star] Lighthouse
 [Star] Light Structure

Rail Lines
 [Orange Line] JRC lines
 [Purple Line] Private lines

Rail Stations
 [Circle] JRC Stations
 [Square] Private Stations

RAILWAY STATIONS GUIDE								
NO.	STATION	LINE	NO.	STATION	LINE	NO.	STATION	LINE
1	Kingston	Montego Bay	26	Old Harbour	Montego Bay	27	Windson Castle	Port Antonio
2	Georgetown	Montego Bay	28	Roddes Junction	Montego Bay	27	Katherine Works (Alumina)	Private - Windward
3	Orange Line	Montego Bay	29	Port Egeus (Alumina)	Port Antonio	36	Parish	Montego Bay
4	Spanish Town	Montego Bay	28	May Den	Montego Bay	38	Oranmule	Montego Bay
5	Port Antonio	Port Antonio	24	St. Ann	Frankfield	40	Bake Jara	Montego Bay
6	Barabrack	Port Antonio	24	Hamassa	Montego Bay	41	Arundon	Montego Bay
7	Port Antonio	Port Antonio	25	Chicklin	Frankfield	42	Manorby	Montego Bay
8	Port Antonio	Port Antonio	26	Port Egeus	Frankfield	43	Barwick	Montego Bay
9	Hillbush	Port Antonio	26	Bushey Park	Montego Bay	44	Shanley	Montego Bay
10	Albany	Port Antonio	27	Crooked River	Frankfield	46	Cambridge	Montego Bay
11	Arnetto Bay	Port Antonio	28	Trout Hill	Frankfield	46	Cambridge	Montego Bay
12	Port Bay	Port Antonio	29	Frankfield	Frankfield	47	Margaret	Montego Bay
13	Oranmule	Port Antonio	30	St. Ann	Montego Bay	48	Swickney	Montego Bay
14	Howe Bay	Port Antonio	31	Woodside (Barbuda)	Private - Jamaica	49	Montego Bay	Montego Bay
15	St. Margaret's Bay	Port Antonio	32	Rocky Point (Barbuda)	Private - Jamaica	50	Upper Valley (Barbuda)	Private - Kaiser
16	Port Antonio	Port Antonio	33	Four Falls	Montego Bay	51	Discomby Bay	Private - Kaiser
17	Linstead	Port Antonio	34	Clarendon Park	Montego Bay	52	Nash	Private - Albert
18	Pleasant Farm	Port Antonio	35	Port Antonio	Montego Bay	53	Port Kaiser	Private - Albert
19	Shannon	Port Antonio	36	Williamfield	Montego Bay	54	Work in progress	Private - Jamaica

Source: Technical Services Unit, Ministry of Transport and Works
Map C Transport Infrastructure

RAIL INFRASTRUCTURE**Table 3.0 Active & Inactive JRC Railway Tracks 2003-2004**

<i>Tracks</i>	<i>Route</i>	<i>Active Lines</i>	<i>Active km</i>	<i>Inactive Lines</i>	<i>Inactive km</i>	<i>Total km</i>
Ewarton Line	Bog Walk to Ewarton	Bog Walk to Pleasant Farm	10.5	Pleasant Farm to Ewarton	2.8	13.3
Frankfield Line	May Pen to Frankfield			May Pen to Frankfield	37.4	37.4
Montego Bay Line	Kingston to Montego Bay	Spanish Town to Williamsfield	66.8	Kingston to Spanish Town	18.9	182.4
				Williamsfield to Montego Bay	95.7	
Port Antonio Line	Spanish Town to Port Antonio	Spanish Town to Bog Walk	14.5	Bog Walk to Port Antonio	87.3	101.8
TOTAL			91.8		243.1	334.9

Source: Jamaica Railway Corporation

Table 3.1 Status of JRC Railway Tracks 2003-2004

<i>Lines</i>	<i>Route</i>	<i>Status</i>	<i>km of Tracks Available for Use</i>
Ewarton Line	Bog Walk Junction to Sterling Castle	Used by Windalco	8.8
	Sterling Castle to Pleasant Farm	Used by Windalco	0
	Pleasant Farm to Ewarton	Closed	0
Frankfield Line	May Pen to Frankfield	Closed in 1972	0
Montego Bay Line	Kingston to Spanish Town	To be resuscitated	18.9
	Spanish Town to Williamsfield	Used by Windalco	66.8
	Williamsfield to Montego Bay	Under negotiation	95.7
Port Antonio Line	Spanish Town to Bog Walk Junction	Used by Windalco	14.5
	Bog Walk Junction to Port Antonio	Requires major Rehab	87.3
TOTAL			292

Source: Jamaica Railway Corporation

Table 3.2 Jamaica Private Railway Lines 2003-2004

<i>Lines</i>	<i>Route</i>	<i>Status</i>	<i>Length</i>	
			<i>Miles (m)</i>	<i>Kilometres (km)</i>
<i>Alpart Line</i>	Nain to Port Kaiser	Owned by Alpart	11.0	17.7
<i>Kaiser Main Line</i>	Discovery Bay to Water Valley	Owned by Kaiser	15.5	24.9
<i>Pleasant Valley/Bread Nut Valley</i>	Pleasant Valley/Bread Nut Valley) to Rocky Point	Owned by Jamalco	22	35.4
<i>St Jago Rail Head</i>	Parnassus/Crooks Gate to St. Jago	Owned by Jamalco	9.25	14.9
<i>Williamsfield</i>	Mile Post 53 Montego Bay Line to Kirkvine Yard	Owned by Windalco	1.25	2.0
<i>Ewarton</i>	Mile Post 27 Ewarton Line to Ewarton Plant	Owned by Windalco	1	1.6
<i>Bodles</i>	Mile Post 24.75 Montego Bay Line to Port Esquivel	Owned by Windalco	3	4.8
TOTAL LENGTH OF PRIVATE LINES			63.0	101.3

Source: Alpart, Jamalco, Kaiser and Windalco Bauxite Companies (compiled by Technical Services Unit, Ministry of Transport and Works, 2004)

Table 3.3 Number of Rail Stations by Parish 2003-2004

<i>Number</i>	<i>Parish</i>	<i>Number of Stations</i>	<i>Number of Halts</i>	<i>Total</i>
1.	<i>Clarendon</i>	11	1	12
2.	<i>Kingston</i>	1	-	1
3.	<i>Manchester</i>	5	-	5
4.	<i>Portland</i>	4	-	5
5.	<i>St. Ann</i>	2	-	2
6.	<i>St. Catherine</i>	11	1	12
7.	<i>St. Elizabeth</i>	6	-	6
8.	<i>St. James</i>	6	-	6
9.	<i>St. Mary</i>	4	-	4
TOTAL		50	2	52

Source: Jamaica Railway Corporation

Note: Privately owned locations are counted as stations.

SECTION THREE: Transport Infrastructure

Table 3.4 Location and Condition of Railway Stations for Jamaica Railway Corporation (JRC) 2003-2004

<i>Number</i>	<i>Station</i>	<i>Line</i>	<i>Parish</i>	<i>Condition/Status</i>
1.	Kingston	Montego Bay	Kingston	Very Good/Needs minor repairs
2.	Gregory Park	Montego Bay	St. Catherine	Destroyed by fire
3.	Grange Lane	Montego Bay	St. Catherine	Very Poor//Needs major repairs
4.	Spanish Town	Montego Bay	St. Catherine	Very Poor/Needs major repairs
5.	Bog Walk	Port Antonio	St. Catherine	Very Poor/Needs major repairs
6.	Riversdale	Port Antonio	St. Catherine	Very Poor/Needs major repairs
7.	Troja	Port Antonio	St. Catherine	Vandalized
8.	Richmond	Port Antonio	St. Mary	Deplorable/Needs major repairs
9.	Highgate	Port Antonio	St. Mary	Very Poor/Needs major repairs
10.	Albany	Port Antonio	St. Mary	Destroyed by fire
11.	Annotto Bay	Port Antonio	St. Mary	Demolished
12.	Buff Bay	Port Antonio	Portland	Deplorable/Needs major repairs
13.	Orange Bay	Port Antonio	Portland	Good/Needs minor repairs
14.	Hope Bay	Port Antonio	Portland	Very Poor/Needs major repairs
15.	St. Margaret's Bay	Port Antonio	Portland	Destroyed by fire
16.	Port Antonio	Port Antonio	Portland	Poor/Needs minor repair
17.	Linstead	Ewarton	St. Catherine	Very Poor/Need major repairs
18.	Pleasant Farm (Alumina)	Privately Owned (Windalco)	St. Catherine	-
19.	Ewarton	Ewarton	St. Catherine	Abandoned
20.	Old Harbour	Montego Bay	St. Catherine	Very Poor/Needs major repairs
21.	Bodles Junction**	Montego Bay	St. Catherine	Railway Junction (JRC/Windalco)
22.	Port Esquivel (Alumina)	Privately Owned (Windalco)	St. Catherine	-
23.	May Pen	Montego Bay	Clarendon	Demolished
24.	Suttons	Frankfield	Clarendon	Good/Need minor repairs
25.	Chapleton	Frankfield	Clarendon	Demolished
26.	Morgan's Pass	Frankfield	Clarendon	Very Poor/Needs major repairs

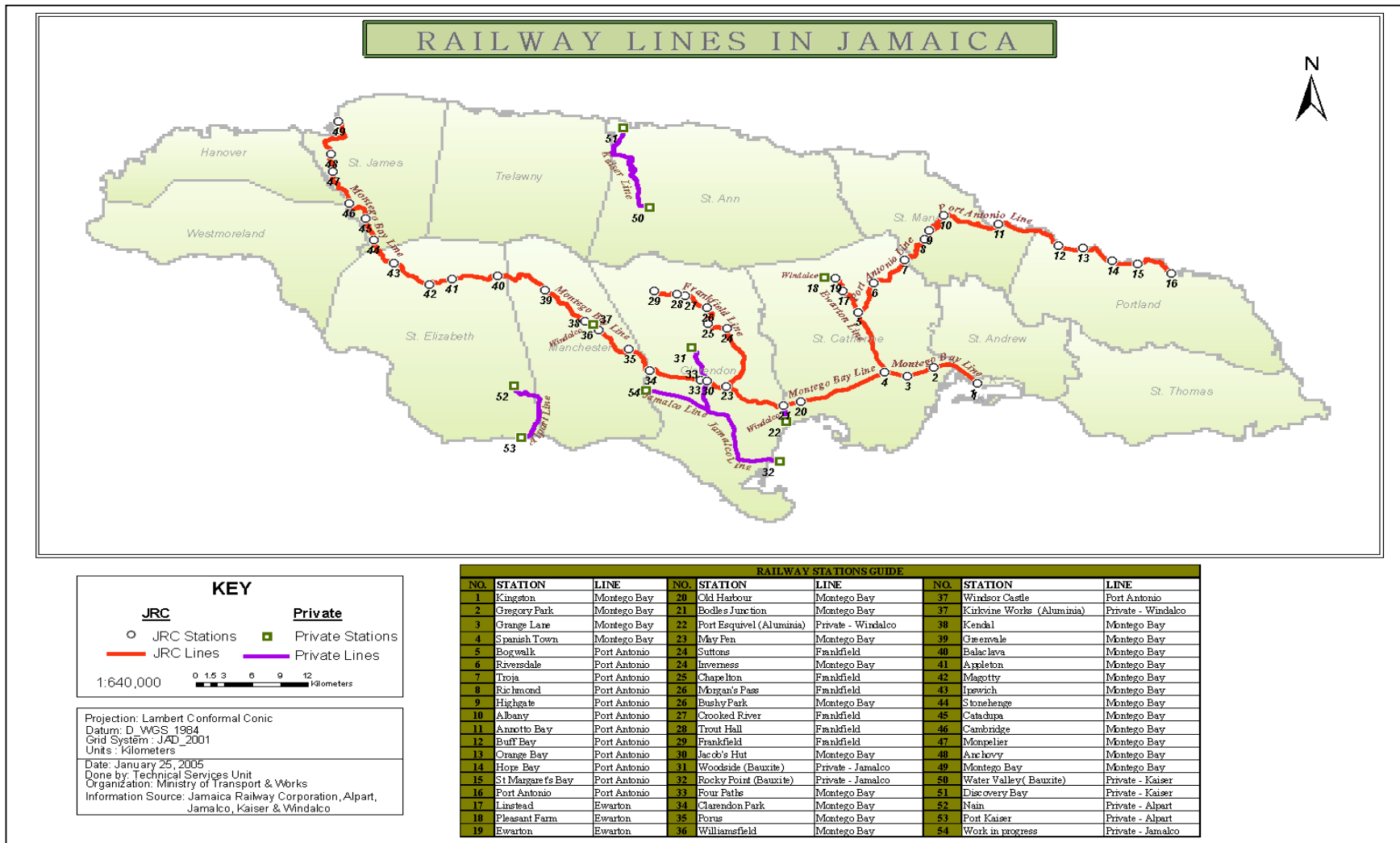
SECTION THREE: Transport Infrastructure

Table 3.4 (cont'd) – Location and Condition of JRC Railway Stations

Number	Station	Line	Parish	Condition/Status
27.	Crooked River	Frankfield	Clarendon	Demolished
28.	Trout Hall	Frankfield	Clarendon	Demolished
29.	Frankfield	Frankfield	Clarendon	Demolished
30.	Jacob's Hut**	Montego Bay	Clarendon	Level Crossing (JRC/Jamalco/Road)
31.	Woodside (Bauxite)	Privately Owned (Jamalco)	Clarendon	-
32.	Rocky Point (Bauxite)	Privately Owned (Jamalco)	Clarendon	-
33.	Four Paths	Montego Bay	Clarendon	Poor/Needs major repairs
34.	Clarendon Park	Montego Bay	Clarendon	Poor/ Needs major repairs
35.	Porus	Montego Bay	Manchester	Very Poor/Needs major repairs
36.	Williamsfield	Montego Bay	Manchester	Very Poor/Needs major repairs
37.	Kirkvine Works (Alumina)	Privately Owned (Windalco)	Manchester	-
38.	Kendal	Montego Bay	Manchester	Destroyed by fire
39.	Greenvale	Montego Bay	Manchester	Very poor/ Needs major repairs
40.	Balaclava	Montego Bay	St. Elizabeth	Deplorable/Needs major repairs
41.	Appleton	Montego Bay	St. Elizabeth	Very Poor/Needs major repairs
42.	Ipswich	Montego Bay	St. Elizabeth	Deplorable/Needs major repairs
43.	Maggoty	Montego Bay	St. Elizabeth	Destroyed by fire
44.	Stonehenge	Montego Bay	St. James	Poor/Needs major repairs
45.	Catadupa	Montego Bay	St. James	Very poor/ Needs major repairs
46.	Cambridge	Montego Bay	St. James	Deplorable, Needs major repairs
47.	Montpelier	Montego Bay	St. James	Very Poor/ Needs major repairs
48.	Anchovy	Montego Bay	St. James	Very Poor/Needs major repairs
49.	Montego Bay	Montego Bay	St. James	Deplorable/Need major repairs
50.	Water Valley (Bauxite Plant)	Privately Owned (Kaiser)	St. Ann	-
51.	Discovery Bay (Bauxite Port)	Privately Owned (Kaiser)	St. Ann	-
52.	Nain (Bauxite Plant)	Privately Owned (Alpart)	St. Elizabeth	-
53.	Port Kaiser (Bauxite Port)	Privately Owned (Alpart)	St. Elizabeth	-

**The location is a Junction, Level Crossing or Halt.
Source: Jamaica Railway Corporation

SECTION THREE: Transport Infrastructure



Source: Technical Services Unit, Ministry of Transport and Works

Map D Railway Lines of Jamaica

SECTION THREE: Transport Infrastructure

Table 3.5 Table of Mileage for JRC Stations, Halts & Sidings in relation to the Kingston Railway Terminus 2003-2004

<u>Location</u>	<u>Distance</u>		<u>Location</u>	<u>Distance</u>		<u>Location</u>	<u>Distance</u>	
<u>MONTEGO BAY LINE</u>	Miles	km	<u>PORT ANTONIO LINE</u>	Miles	km	<u>EWARTON LINE</u>	Miles	km
Kingston Terminus	0	0	Spanish Town Junction	11.75	18.9	Bog Walk Junction	20.75	33.4
Marcus Garvey Drive Halt	2.75	4.4	St. John's Road Halt	12.75	20.1	Mickleton Halt	22.00	35.4
Gregory Park Station	6.5	10.5	Angels Halt	14.75	23.7	Linstead Station	23.75	38.2
Grange Lane Station	9	14.5	Angels Siding	15	24.1	Vanity Fair Siding	24.25	39.0
Spanish Town Station	11.75	18.9	Crescent Halt	17.5	28.4	Sterling Castle Siding & Halt	25.50	41.0
Horizon Park Halt	12.75	20.5	Bog Walk Station	20.50	33.0	Pleasant Farm (Ewarton Works)	26.50	42.6
Hartlands Halt	15.00	24.1	Knollis Halt	22.00	35.4	Ewarton Terminus	29.00	46.7
Bushy Park Halt	20.00	32.2	New Hall Halt	23.50	37.8			
Old Harbour Station	22.75	36.6	Crawle Halt	25.75	41.4			
Bodles Junction*	24.75	39.8	Riversdale Station	26.75	43.0	<u>FRANKFIELD LINE</u>		
May Pen Station	32.50	52.3	Harewood Halt	28.5	45.8			
Logan's Junction**	34.50	55.5	Darling Spring Halt	29.5	47.5	May Pen Junction	32.50	52.3
Denbigh Siding	35.00	56.3	Troja Station	31.00	49.9	Longsville Halt	37.00	59.5
Jacob's Hut	35.25	56.7	Tajah Halt	33.25	53.5	Suttons Station	42.50	68.4
Four Paths Station	37.00	59.5	Richmond Station	36.00	57.9	Ivy Store Halt	44.00	70.8
Rock Halt	39.25	63.2	Highgate Station	38.00	61.1	Chapleton Station	45.50	73.2
Clarendon Park Station	42.50	68.4	Highgate Siding	38.00	61.1	Morgan's Pass Station	48.50	78.1
Scott's Pass Halt	44.00	70.8	Albany Station	42.5	68.4	Crooked River Station	51.00	82.1
Porus Station	46.75	75.2	Water Valley Siding	44.75	72	Trout Hall Station	52.75	84.9
Williamsfield Station	53.00	85.3	Bellefield Siding	46.00	74.0	Frankfield Terminus	55.25	88.9
Kendal Station	54.75	88.1	Gray's Inn Siding	48.00	77.2			
Grove Place Halt	58.00	93.3	Annotto Bay Station	50.00	80.5			
Greenvale Station	61.00	98.2	Dover Siding	53.50	86.1			
Comfort Hall Siding & Halt	65.75	105.8	Windsor Castle Halt	54.25	87.3			
Duck Pond Halt	67.75	109.0	Buff Bay Station	58.5	94.1			
Oxford Siding	69.00	111.0	Spring Garden Halt	60.25	96.9			
Balaclava Station	70.50	113.4	Orange Bay Station	61.5	98.9			

SECTION THREE: Transport Infrastructure

Table 3.5 (cont'd) – Table of Mileage for JRC Stations, Halts & Sidings

<i>Location</i>	<i>Distance</i>		<i>Location</i>	<i>Distance</i>	
MONTEGO BAY LINE	Miles	km	PORT ANTONIO LINE (cont'd)	Miles	km
(cont'd)					
<i>Siloah Halt</i>	75.75	121.9	<i>Rodney Hall Siding</i>	63.25	101.8
<i>Appleton Station</i>	76.75	123.5	<i>Hope Bay Station</i>	66.25	106.6
<i>Appleton Tourist Halt</i>	77.50	124.7	<i>St. Margaret's Bay Station</i>	69.5	111.8
<i>Maggotty Station</i>	80.00	128.3	<i>Snow Hill Halt</i>	71.00	114.2
<i>Ipswich Station</i>	85.75	138.0	<i>Norwich Halt</i>	73.25	117.9
<i>Breadnut Walk Halt</i>	87.25	140.8	<i>Port Antonio Terminus</i>	75.00	120.7
<i>Stonehenge Station</i>	90.75	146.0			
<i>Catadupa Station</i>	94.00	151.3			
<i>Cambridge Station</i>	97.75	157.3			
<i>Montpelier Station</i>	103.00	165.7			
<i>Anchovy Station</i>	105.75	170.2			
<i>Ailford's Halt</i>	106.75	171.8			
<i>Gordon's Halt</i>	110.00	177.0			
<i>Montego Bay Terminus</i>	112.75	181.4			

Source: Jamaica Railway Corporation

Note: Rail mileage is measured in relation the Kingston terminal along the railway line to given locations/points.

Table 3.6 List of JRC Railway Tunnels by Line 2003-2004

Descriptions	Location/Distance from Kingston Terminal		Parish	Length of Tunnel	
	Miles (m)	Kilometre (km)		Feet (ft)	Metre (m)
<u>MONTEGO BAY LINE</u>					
<i>Tunnel No. 1 "Scotts Pass"</i>	44.25	71.2	Clarendon	70	21.3
<i>Tunnel No. 2 "Scotts Pass"</i>	44.50	71.6	Clarendon	170	51.8
<i>Tunnel No. 3 "Comfort Hall"</i>	65.50	105.4	St. Elizabeth	688	209.1
<i>Tunnel No. 4 "Balaclava"</i>	70.00	112.6	St. Elizabeth	348	106.1
<i>Tunnel No. 5 "Highworth"</i>	84.00	135.2	St. Elizabeth	182	55.5
<i>Tunnel No. 6 "Y S"</i>	84.50	136.0	St. Elizabeth	218	66.4
<i>Tunnel No. 7 "Ipswich"</i>	86.25	138.8	St. Elizabeth	855	260.6
<i>Tunnel No. 8</i>	87.75	141.2	St. James	555	164.6
<i>Tunnel No. 9 "Merrywood"</i>	88.50	142.4	St. James	362	115.8
<i>Tunnel No. 10 "Anchovy"</i>	104.50	168.2	St. James	102	31.1
<i>Tunnel No. 11 "Ramble"</i>	108.00	173.8	St. James	182	55.5
<i>Tunnel No. 12 "Bogue Hill"</i>	108.50	174.6	St. James	1276	388.9
<i>Tunnel No. 13 "Bogue Hill"</i>	108.75	175.0	St. James	458	139.6
<u>PORT ANTONIO LINE</u>					
<i>Tunnel No. 1</i>	16.75	26.9	St. Catherine	305	93.1
<i>Tunnel No. 2 "Reeds Mountain"</i>	17.75	28.6	St. Catherine	460	140.2
<i>Tunnel No. 3</i>	18.50	29.8	St. Catherine	255	77.7
<i>Tunnel No. 4</i>	19.50	31.4	St. Catherine	2,194	668.7
<i>Tunnel No. 5</i>	27.50	44.3	St. Catherine	175	53.3
<i>Tunnel No. 6</i>	29.00	46.7	St. Catherine	247	75.3
<i>Tunnel No. 7</i>	29.25	47.1	St. Catherine	225	68.6
<i>Tunnel No. 8</i>	30.25	48.7	St. Catherine	156	47.5
<i>Tunnel No. 9</i>	31.50	50.7	St. Catherine	152	46.3
<i>Tunnel No. 10</i>	31.75	51.1	St. Catherine	152	46.3
<i>Tunnel No. 11</i>	32.00	51.5	St. Catherine	215	65.5

SECTION THREE: Transport Infrastructure

Table 3.6 (cont'd) – List of JRC Railway Tunnels

Locations	Distance/Mileage		Parish	Distance/Mileage	
	Miles (m)	Kilometre (km)		Feet (ft)	Metre (m)
<i>Tunnel No. 12</i>	32.00	51.6	St. Catherine	232	70.7
<i>Tunnel No. 13</i>	32.25	51.9	St. Catherine	467	142.3
<i>Tunnel No. 14</i>	32.50	52.3	St. Mary	232	70.7
<i>Tunnel No. 15</i>	32.75	52.7	St. Mary	1,012	308.4
<i>Tunnel No. 16</i>	33.00	53.1	St. Mary	317	96.6
<i>Tunnel No. 17 "Barracks River"</i>	33.50	53.9	St. Mary	362	110.3
<i>Tunnel No. 18 "Barracks River"</i>	34.25	55.1	St. Mary	248	75.5
<i>Tunnel No. 19 "Flint River"</i>	34.50	55.5	St. Mary	192	58.5
<i>Tunnel No. 20 "Zion Hill"</i>	35.50	57.1	St. Mary	492	150.0
<i>Tunnel No. 21 "Highgate"</i>	38.00	61.1	St. Mary	208	63.4
<i>Tunnel No. 22 "Buff Bay"</i>	59.25	95.3	Portland	374	114.0
<i>Tunnel No. 23 "Rodney's Hall"</i>	62.75	101.0	Portland	342	104.2
<i>Tunnel No. 24 "Rocky Hill"</i>	64.00	103.0	Portland	639	194.8
<i>Tunnel No. 25 "Whitby"</i>	64.25	103.4	Portland	252	76.8
<i>Tunnel No. 26 "Sand Shore"</i>	64.75	104.2	Portland	265	80.8
<i>Tunnel No. 27 "Paisley Garden"</i>	72.00	115.9	Portland	288	87.8
<i>Tunnel No. 28 "Norwich"</i>	72.50	116.7	Portland	151	46.1
<u>FRANKFIELD LINE</u>					
<i>Tunnel No.1</i>	11.5	18.5	Clarendon	100	30.5
<i>Tunnel No. 2 "Crooked River"</i>	18.50	29.8	Clarendon	252	76.8
<u>EWARTON LINE</u>					
NONE					

Source: Jamaica Railway Corporation

ROAD INFRASTRUCTURE

Table 3.7 Inventory of Main Roads by Classification and Parish 2003-2004

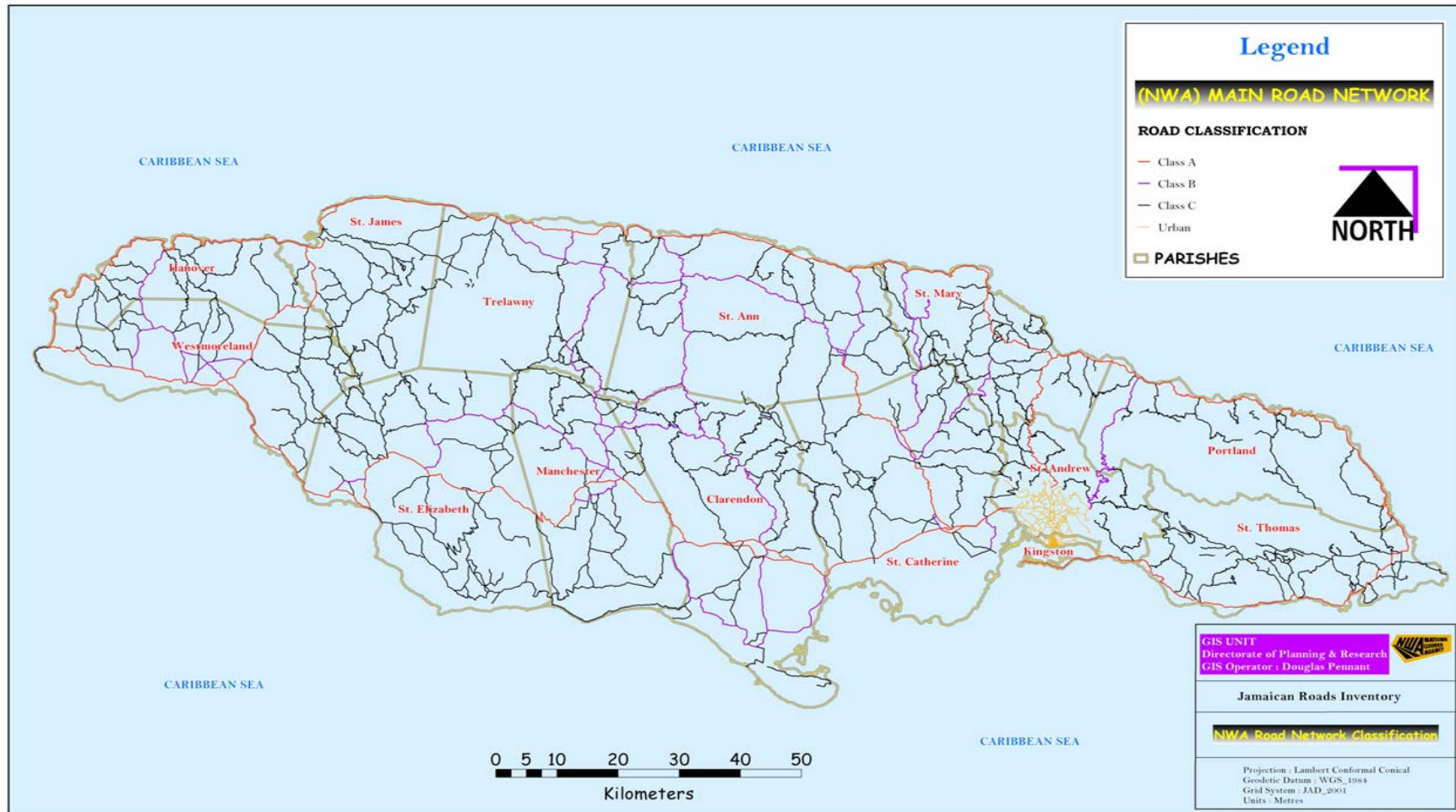
<i>Parish</i>	<i>Number of A Roads</i>	<i>Length in Km</i>	<i>Number of B Roads</i>	<i>Length in Km</i>	<i>Number of C Roads</i>	<i>Length in Km</i>
<i>Clarendon</i>	3	47.737	12	143.597	38	303.251
<i>Hanover</i>	5	78.98	1	12.66	18	139.956
<i>Kingston Metropolitan Region (KMR)</i>	33	78.78	85	52.18	46	14.84
<i>Manchester</i>	4	33.74	9	76.726	35	287.751
<i>Portland</i>	8	78.403	3	33.268	27	175.401
<i>St. Andrew</i>	7	45.75	2	23.84	29	204.978
<i>St. Ann</i>	7	61.732	12	123.885	24	210.266
<i>St. Catherine</i>	8	42.09	10	57.72	34	297.61
<i>St. Elizabeth</i>	3	58.27	4	36.407	54	362.369
<i>St. James</i>	5	49.801	0	0	40	242.124
<i>St. Thomas</i>	6	66.7	0	0	54	295.939
<i>St. Mary</i>	9	153.702	6	56.54	53	291.581
<i>Trelawny</i>	2	35.79	6	71.47	30	170.86
<i>Westmoreland</i>	5	75.26	5	48.02	29	217.138
TOTAL	105	906.74	155	736.31	511	3214.06

Source: National Works Agency

Total Number of Roads: 771
Total Length (km) of roads: 4,857.11

Map E

Jamaica: Main Road Network



Source: National Works Agency

Table 3.8 Classification of Main Roads and Related Conditions

Roads	Good (km)	Fair(km)	Poor (km)	TOTAL (km)
Primary (A)	245	208	95	548
Secondary (B)	35	162	174	371
Tertiary (C)	20	182	602	804
TOTAL	300	552	871	1,723

Source: National Works Agency

Note: Information based on 2004 Survey

Table 3.9 Road Network: Total Lengths by Parish

Parish	Parochial Road (km)*	Main Road (km)	Farm Road (km)
Clarendon	1,360	494.6	
Hanover	406	231.6	131.20
KMR	1,800**	145.8	124.8
Manchester	1,225	398.2	10.4
Portland	1,141	287.1	309.0
St Mary	863	274.6	194.6
St. Andrew	**	395.9	126.4
St. Ann	1,265	397.4	-
St. Catherine	3,000	457.1	-
St. Elizabeth	960	291.9	67.7
St. James	729	362.6	65.5
St. Thomas	829	501.8	-
Trelawny	604	278.1	123.6
Westmoreland	713	340.4	58.0
TOTAL	14,895	4,857.1	1,211.2[@]

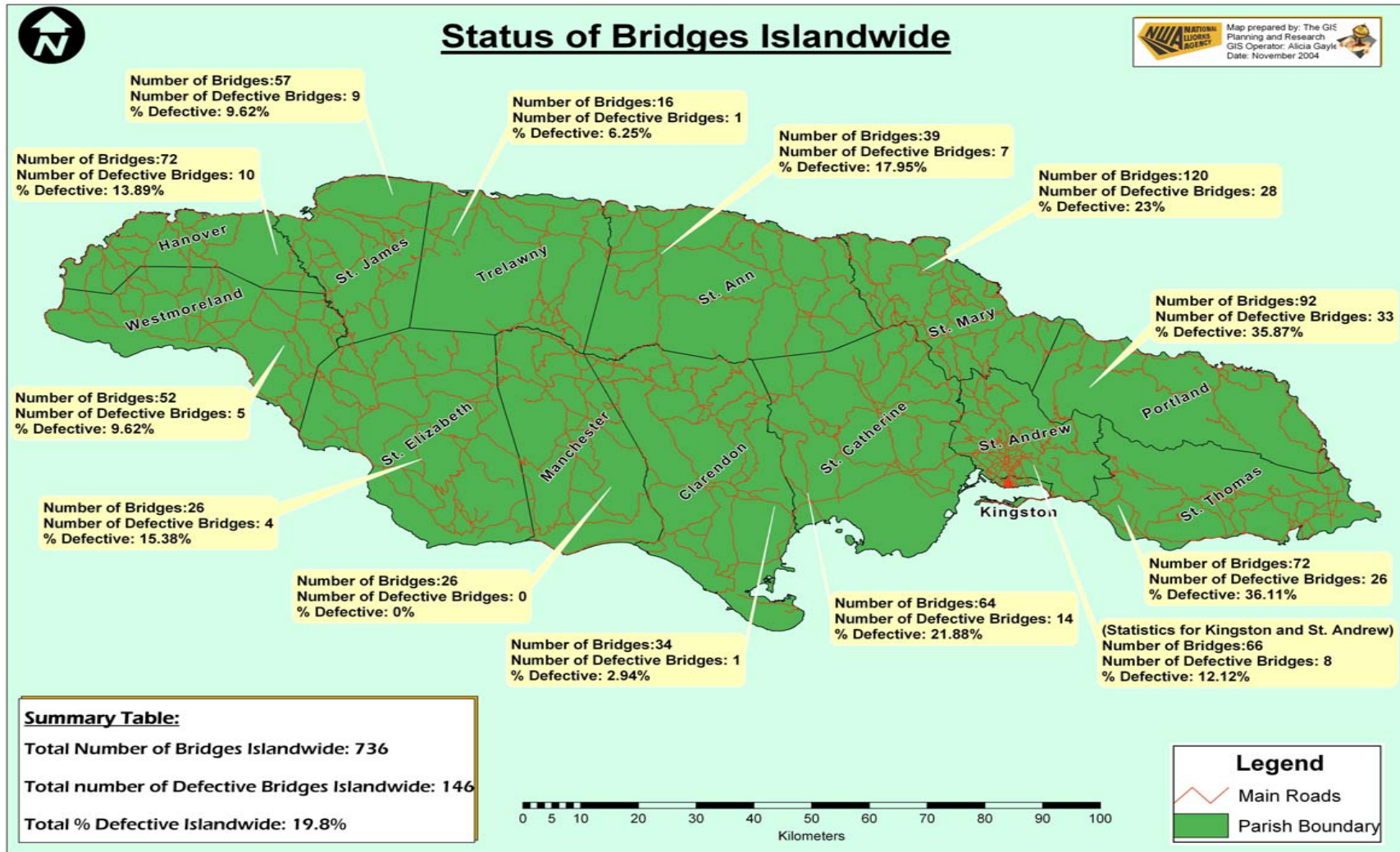
Sources: Ministry of Local Government, Community Development and Sport, National Works Agency and Rural Agricultural Development Authority (RADA)

*Updates are pending

** Parochial roads for KSAC

[@]This figure is not representative of the all island total farm road network as information for the parishes of St. Ann, St. Catherine and St. Thomas was not received in time for publication.

SECTION THREE: Transport Infrastructure



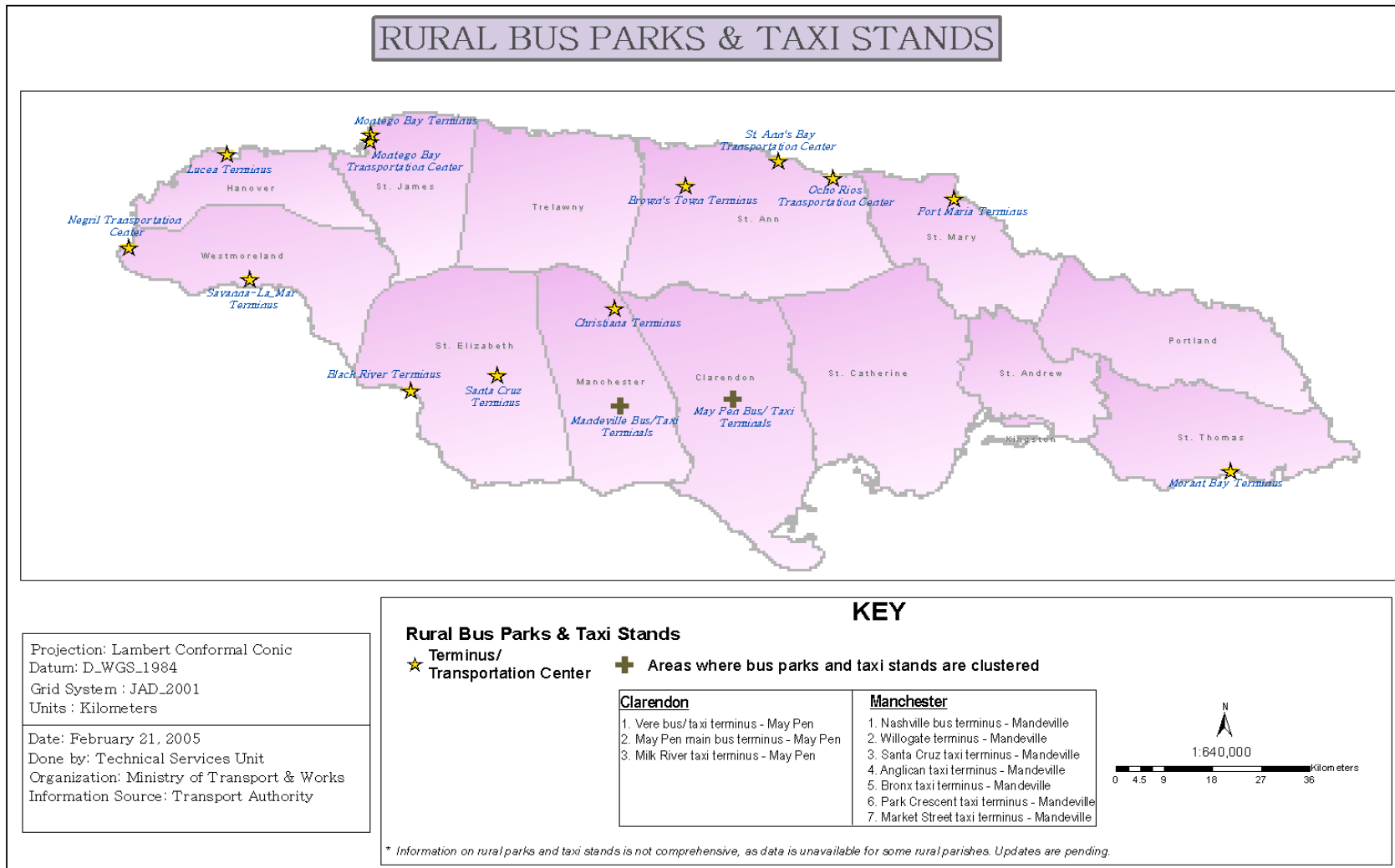
Source: National Works Agency
Map F Number of Bridges Categorized by Parish

PUBLIC TRANSPORTATION INFRASTRUCTURE**Table 3.11 Rural Bus Parks and Taxi Stands**

<i>Number</i>	<i>Name</i>	<i>Parish</i>
1.	<i>Vere Bus/Taxi Terminus (May Pen)</i>	Clarendon
2.	<i>May Pen Main Bus Park (May Pen)</i>	Clarendon
3.	<i>Milk River Taxi Terminus (May Pen)</i>	Clarendon
4.	<i>Lucea Bus Terminus</i>	Hanover
5.	<i>Nashville Bus Terminus (Mandeville)</i>	Manchester
6.	<i>Willogate Terminus (Mandeville)</i>	Manchester
7.	<i>Santa Cruz Taxi Terminus (Mandeville)</i>	Manchester
8.	<i>Christiana Terminus</i>	Manchester
9.	<i>Anglican Taxi Terminus (Mandeville)</i>	Manchester
10.	<i>Bronx Taxi Terminus (Mandeville)</i>	Manchester
11.	<i>Park Crescent Taxi Terminus (Mandeville)</i>	Manchester
12.	<i>Market Street Taxi Terminus (Mandeville)</i>	Manchester
13.	<i>St. Ann's Bay Transportation Centre</i>	St. Ann
14.	<i>Ocho Rios Transportation Centre</i>	St. Ann
15.	<i>Browns Town Terminus</i>	St. Ann
16.	<i>Black River Bus Terminus</i>	St. Elizabeth
17.	<i>Santa Cruz Bus/Taxi Terminus</i>	St. Elizabeth
18.	<i>Montego Bay Transport Centre</i>	St. James
19.	<i>Montego Bay Taxi Park</i>	St. James
20.	<i>Port Maria Terminus</i>	St. Mary
21.	<i>Morant Bay Bus/Taxi Park</i>	St. Thomas
22.	<i>Savanna-La-Mar Terminus</i>	Westmoreland
23.	<i>Negril Bus Terminus</i>	Westmoreland

Source: Transport Authority

SECTION THREE: Transport Infrastructure



Source: Technical Services Unit, Ministry of Transport and Works
Map G Rural Parks and Stands

Table 3.12 Jamaica Urban Transit Company (JUTC) Bus Terminals and Route Numbers

Number	Terminal Location	Route Number(s)
1.	<i>Beaumont Road/Bailey Road (Hermitage)</i>	# 66
2.	<i>Bedward Crescent/July Road (August Town)</i>	# 72, 77, 78 and 102
3.	<i>Bob Marley Boulevard/Wailers Avenue (Cooreville Gardens)</i>	# 32
4.	<i>Caledonia Crescent</i>	# 86 and 88
5.	<i>Cambridge Road (Bull Bay)</i>	# 97
6.	<i>Canal Drive (Garveymeade)</i>	# 8 and 8A
7.	<i>Chancery Street</i>	# 47
8.	<i>Chandos Place (Papine)</i>	# 70, 75, 60, 61, 68, 73A, 73B, 19A, 128 and 303
9.	<i>Christian Gardens</i>	# 3, 3A and 303
10.	<i>Church Street</i>	# 81 and 88
11.	<i>Colbeck Avenue/Ken Hill Drive (Pembroke Hall)</i>	# 30
12.	<i>Constant Spring</i>	# 42 and 101
13.	<i>Deanery Avenue</i>	# 89
14.	<i>Deoch Road</i>	# 85
15.	<i>Duke Street/Sutton Street</i>	# 76
16.	<i>East Kings House Road/Barbican Road (Barbican)</i>	# 74 and 76
17.	<i>Fernandez Avenue</i>	# 81
18.	<i>Golden Spring Square</i>	# 52
19.	<i>Gordon Town Square</i>	# 61
20.	<i>Great House Circle</i>	# 43, 44 and 46
21.	<i>Greater Portmore</i>	# 6, 13, 14, 14A, 16A, 16, 17, 17A, 18, 18A, 19A, 20, 20A, 101, 315, 316, 318 and 320
22.	<i>Half Way Tree (Portmore Layby)</i>	# 1A, 3A, 7A, 8A, 12A, 14A, 17A, 18A and 20A
23.	<i>Hellshire Estate</i>	# 1 and 1A
24.	<i>Hildene Avenue</i>	# 84
25.	<i>Hope Boulevard (Hope Pasture)</i>	# 68
26.	<i>Hope Road (Clock Tower Plaza)</i>	# 83
27.	<i>Knutsford Boulevard</i>	# 12A and 43
28.	<i>Leewards Crescent</i>	# 16, 16A, 21, 21A, 123, 125, 126, 127, 316, 318 and 320

SECTION THREE: Transport Infrastructure

Table 3.12 (cont'd) – JUTC Bus Terminals and Route Numbers

Number	Terminal Location	Route Number(s)
29.	<i>Micheal Manley Way</i>	# 87
30.	<i>Naggo Head</i>	# 12 and 12A
31.	<i>Norbrook Road</i>	# 49
32.	<i>North Parade</i>	# 60, 61, 77, 83, 84, 85, 86, 87, 89, 97, 98 and 99
33.	<i>Pechon Street</i>	# 1, 3, 7, 8, 12, 14, 16, 17, 18, 20, 124, 130 and 315
34.	<i>Port Royal</i>	# 98
35.	<i>Portia Simpson Square (Three Miles)</i>	# 51 and 70
36.	<i>Red Hills Road (Meadowbrook Estate)</i>	# 31 and 31A
37.	<i>Six Miles</i>	# 75 and 33
38.	<i>South Parade</i>	# 22, 22A, 32, 33, 44, 46, 47, 42, 49, 2, 54, 68 and 445
39.	<i>Southern Cross Drive</i>	# 99
40.	<i>Spanish Town</i>	# 21, 21A, 21A Express, 21B, 22, 22A and 6
41.	<i>Spencer James Drive</i>	# 72 and 51
42.	<i>Waterford</i>	# 7 and 7A
43.	<i>West Parade</i>	# 30, 31, 31A, 66, 74 and 78

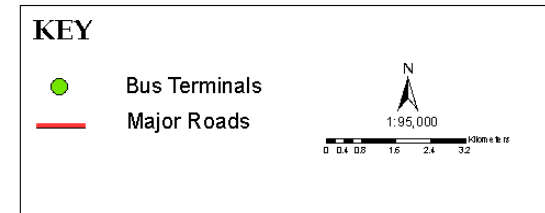
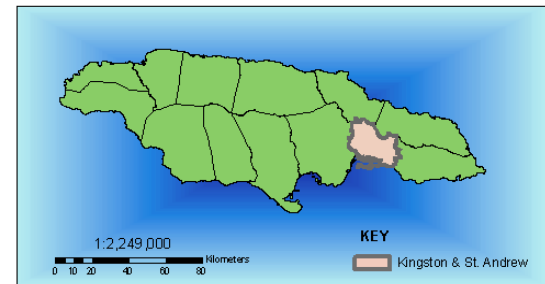
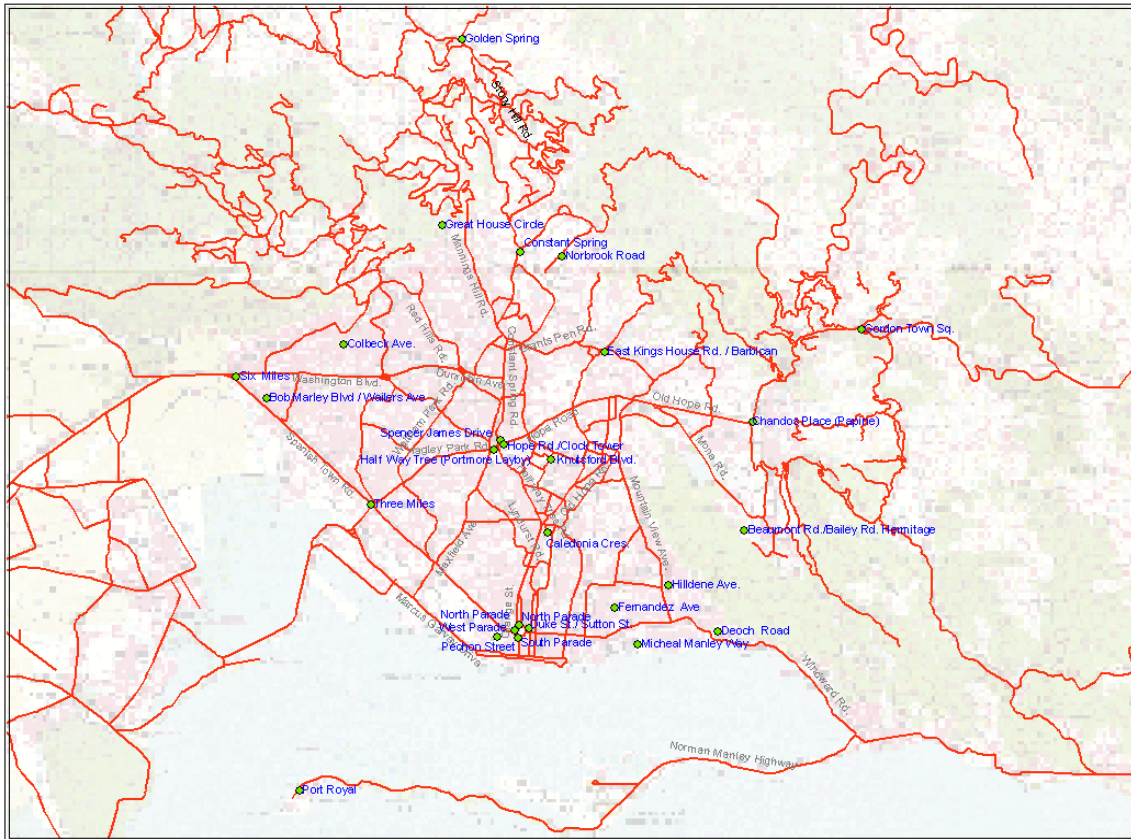
Source: Transport Authority

Table 3.13 JUTC Bus Depots

Name of Depot	Location	Status
<i>Ashenheim</i>	19 Ashenheim Road, Kingston 11	Active
<i>Lyndhurst</i>	26 Lyndhurst Road, Kingston 5	Active
<i>Portmore</i>	Portmore, St. Catherine	Active
<i>Rockfort</i>	100 Windward Road, Kingston 2	Under Construction
<i>Spanish Town</i>	Michael Manley Drive, Spanish Town	Active

Source: Transport Authority and Jamaica Urban Transit Company Limited (JUTC)

JUTC BUS TERMINALS IN KINGSTON & ST. ANDREW



Projection: Lambert Conformal Conic
 Datum: D_WGS_1984
 Grid System: JAD_2001
 Units: Kilometers
 Date: January 25, 2005
 Done by: Technical Services Unit
 Organization: Ministry of Transport & Works
 Information Source: Transport Authority

Source: Technical Services Unit, Ministry of Transport and Works
Map H Jamaica Urban Transit Company Limited (JUTC) Terminals

MARITIME INFRASTRUCTURE

Table 3.14 Kingston Sufferance Wharves: Port Profile 2003-2004

Port/Facility	Operator	Docking Facility	Handling Equipment	Cargo	Limitations of Use
Antilles Dock	Antilles Chemical Co. Ltd. (Esso Standard Oil)	Alongside & Marine Dock	Pipeline, Forklift, Ship's Gear	Petroleum Products, Bulk Fertilizer	Unloading petroleum products; unloading raw material (for Antilles Chemical) and loading manufactured fertilizer
Cement Pier	Caribbean Cement Company	Alongside	Ship's Gear/Conveyor Belt	Cement, Coal	Loading of cement and clinker; unloading of materials for the factory
Gypsum Pier	Jamaica Gypsum & Quarries	'T' with Dolphins	Conveyor Belts/Crane	Aggregates – Limestone, Gypsum & Wheat Middling.	Loading of gypsum
JLA Feeds Ltd.	Jamaica Livestock Association Ltd.	Concrete & Steel Alongside	Conveyor Vacuulator	Grains	
Kingston Refinery	Petroleum Corporation of Jamaica	Alongside Berthing Island	Electric Crane and Rubber Docking Hoses	Petroleum Products	Loading and unloading petroleum and related products
Rapid Sheffield Pier	Rapid Sheffield	Alongside		Lumber and Fish	Unloading lumber/timber; loading and unloading frozen fish until establishment of fisheries complex.
Shell Pier	Shell Company WI (JF Mills) (Ja. Ethanol Processing)	'T' with Dolphins	Pipeline, Conveyor Belt	Industrial Chemicals, Petroleum Products, Base/Bulk/Base Oil, Alcohol, Wheat, Corn	Loading/unloading petroleum products; loading/unloading basic operational materials for JF Mills
Texaco Pier	Texaco Caribbean Inc.	'T' with Dolphins	Pipeline	Bulk Petroleum Products, Chemical, Alcohol (Bunkering)	Unloading petroleum products
Wherry Wharf	Newport Mills Limited	Alongside	Suction Pump	Lumber, Corn, Rice and Soya	Loading and unloading lumber, corn and other animal feed ingredients

Source: Port Authority of Jamaica

SECTION THREE: Transport Infrastructure

Table 3.15 Sufferance Wharves (Outports): Port Profiles 2003-2004

<i>Port/Facility</i>	<i>Operator</i>	<i>Docking Facility Type</i>	<i>Structure Type</i>	<i>Handling Equipment</i>	<i>Principal Activity</i>	<i>Limitation of Use</i>
<i>Port of Ocho Rios (Cruise Ship Piers 1 & 2)</i>	Lannaman & Morris	Two L-Shaped Piers	Concrete/ Steel	Walk On/Off	Cruise Passengers	
<i>Port of Ocho Rios (Reynolds Pier)</i>	Jamaica Bauxite Mining Ltd.	Alongside	Concrete & Steel		Sugar, Bauxite, Bulk Cargo, Cruise Passengers	Loading of sugar, bauxite, bulk cargo and handling of cruise passengers
<i>Old Harbour Pipeline</i>	North American Energy Services (Ja.) Ltd. [Jamaica Energy Partners Ltd.]		Pipeline	Pipeline	Heavy Fuel Oil	Renewable one (1) year permit
<i>Port Antonio (Boundbrook)</i>	Banana Export Company. Ltd.	Alongside		Conveyor Belt	Banana	Export of fresh fruits
<i>Port Antonio (Ken Wright Pier)</i>	Maritime & Transport Services	T – Type Pier		Walk On/ Off	Cruise Passengers	
<i>Port Esquivel</i>	Winalco	Finger Pier & Alongside		Crane, Conveyor Belt and Pipelines	Alumina, Oil, Caustic soda, Molasses and General Cargo	Loading alumina; unloading soya beans, grains, rice, fuel, molasses, sulphuric acid, fuel, oil and raw materials for plant
<i>Port of Lucea</i>	Caribbean Molasses	'T' Finger-Type Pier		Ship's Gear	Molasses, Bulk Rum	Loading of molasses
<i>Port Kaiser</i>	Alumina Partners of Jamaica	Finger Pier	Steel	Conveyor Belt-Air Slide System	Alumina	Loading of bauxite and alumina; loading and unloading of supplies, equipment and machinery in connection with the company's operations.
<i>Port Rhoades</i>	Kaiser Jamaica Bauxite Company	Finger Pier	Steel and Concrete	Conveyor Belt, Crane	Bauxite, Containerized Cargo and Fuel Marine Diesel	Loading of bauxite for exportation and unloading of supplies, equipment and machinery in connection with the operation of Kaiser Bauxite Company.
<i>Rio Bueno</i>	North Coast Milling Ltd.	L – Type Pier	Steel Concrete Base/Lumber/or Walkway	Conveyor Belt	Corn, Soya	Loading and unloading of crude asphalt, empty drums and asphaltic emulsions; unloading grain
<i>Rocky Point</i>	Jamalco	'T', 'L' (Dolphins) & Alongside	Steel & Concrete	Conveyor Belt	Alumina, Fuel Oil, Caustic Soda & Heavy Duty Equipment	Loading of sugar, molasses and alumina; unloading equipment, machinery and supplies

Source: Port Authority of Jamaica

Table 3.16

Public Wharves: Port Profile 2003-2004

Port/Facility	Operator	Facility Type	Handling Equipment	Cargo
Kingston Container Port	A.P.M. Terminals Jamaica Limited	6 Lateral Berths	14 Ship-to-Shore Cranes 5 Post Panamax 40 Tons Ship-to-Shore Cranes 8 Super Post Panamax 12 Mobile RTG Cranes 50 Straddle Carriers 82 Hectares of Paved Terminal Yard	Designated Public Wharf Containerized**
Kingston Wharves Limited	Kingston Wharves Limited	9 Lateral Berths, Cargo Berths & 1 RO/RO Concrete Ramp	3 Gottwald 100 tonnes Rubber Tyre Harbour Cranes; Forklifts, Cold Storage available; Bunkers, Repairs	Break Bulk ** Bulk ** Containerized**
Port of Montego Bay	Port Handlers Limited	2 Cruise Ship Berths 1 RO/RO Ramp 3 General Cargo Berths	Shore Cranes** Fork Trucks**	Domestic General Cargo Containerized and Break Bulk** Cruise Passengers

Source: Port Authority of Jamaica (Compiled by Technical Services Unit, Ministry of Transport and Works)

** Information provided by the Ports Security Corps Limited.

Notes

- There exists **no limitation of use at public wharves**.
- RO/RO – Roll On Roll Off

SECTION THREE: Transport Infrastructure

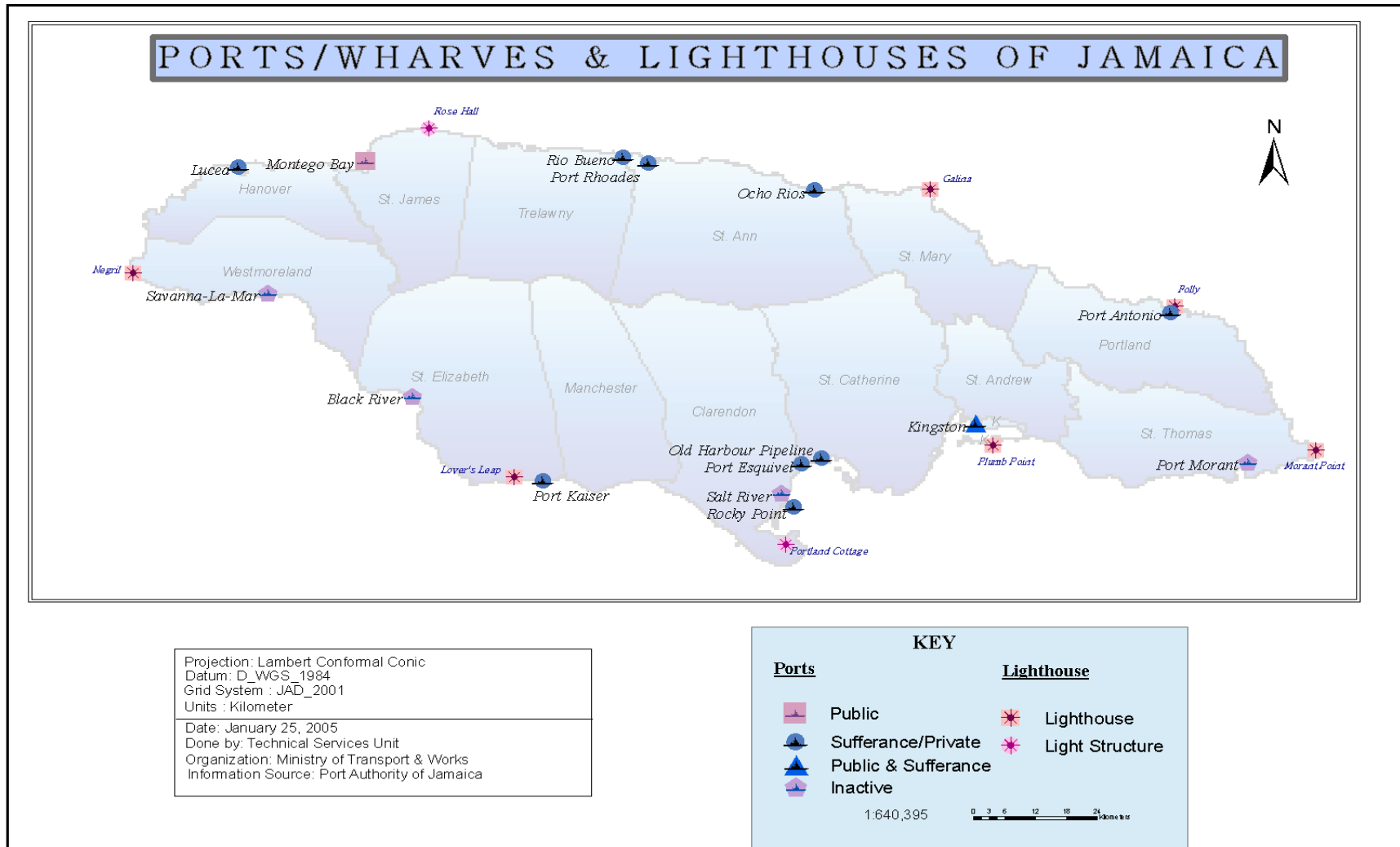
Table 3.17 Location and Status of Ports Islandwide

Number	Name of Port	Parish/Location	Anchorage	Length of Vessels (m)	Depth/Draught of Vessels (m)	Status
1.	Black River	St. Elizabeth	Inner Outer Small Landing Pier	122 122 61	4.6 6.7 1.8	ANCHORAGE ONLY; PORT INACTIVE - CLOSED TO COMMERCIAL SHIPPING
2.	Kingston	Kingston	Available	305 to Unlimited 305.3 (Largest Vessel)	10.3 – 12.2 13.0 (Largest Vessel)	Multifaceted, Kingston Container Terminal (KCT), Kingston Wharves, Suffrance
3.	Lucea	Hanover	Available	167.68	9.15 (largest Vessel)	ACTIVE
4.	Montego Bay	St. James	Available	320 (Largest Vessel)	9.5 (Largest Vessel)	ACTIVE
5.	Ocho Rios	St. Ann	Available	275 320	11.2 13	ACTIVE
6.	Old Harbour Pipeline	St. Catherine	Available	Unlimited	Unlimited	Pipelines Only
7.	Port Antonio	Portland	Not Stated	200 (Largest Vessel)	7.9 (Largest Vessel)	ACTIVE
8.	Port Esquivel	St. Catherine	NW side of Pigeon Island	198.3 (Wharf) 67 (Cargo Pier)	11.1 (Wharf) 4.9 (Cargo Pier)	ACTIVE
9.	Port Kaiser	St. Elizabeth	Available	213.5 (Largest Vessel)	10.2 (Largest Vessel)	ACTIVE
10.	Port Morant	St. Thomas	Available	137	6.8	ANCHORAGE ONLY; PORT INACTIVE - CLOSED TO COMMERCIAL SHIPPING
11.	Port Rhoades	St. Ann	Not Advised	213.5 (Largest Vessel)	11.4 (Largest Vessel)	ACTIVE
12.	Rio Bueno	Trelawny	Available	122 91.4 (Largest Vessel)	7.9 7.0 (Largest Vessel)	ACTIVE
13.	Rocky Point	Clarendon		228.8(Largest Vessel)	10.7 (Largest Vessel)	ACTIVE
14.	Savanna-la-Mar	Westmoreland	Inner Outer	182.8 Unlimited	8.5 9.7	ANCHORAGE ONLY; PORT INACTIVE - CLOSED TO COMMERCIAL SHIPPING
15.	Salt River	Clarendon	Inner Outer	91.4 152	4.6 5.9	ANCHORAGE ONLY; PORT INACTIVE - CLOSED TO COMMERCIAL SHIPPING

Source: Port Authority of Jamaica

Note: Anchorage is available at Port Royal for vessels of length 305.0m and draught 12.2m, however, there are no port facilities in place.

SECTION THREE: Transport Infrastructure



Source: Technical Services Unit, Ministry of Transport and Works

Map 1 Ports and Lighthouses of Jamaica

Table 3.18 **Lighthouses of Jamaica**

<i>Number</i>	<i>Lighthouse</i>	<i>Location/Parish</i>
1.	<i>Morant Point</i>	St. Thomas
2.	<i>Plumb Point</i>	Palisadoes Road, Kingston
3.	<i>Portland Cottage (LS)</i>	Clarendon
4.	<i>Lover's Leap</i>	St. Elizabeth
5.	<i>Negril</i>	West End Road, Westmoreland
6.	<i>Rose Hall (LS)</i>	St. James
8.	<i>Galina</i>	St. Mary
9.	<i>Folly</i>	Port Antonio, Portland
<u>OFF-SHORE</u>		
10.	<i>Pedro Cays</i>	60 miles south of Clarendon
11.	<i>Morant Cays</i>	-

Source: Port Authority of Jamaica

Note: *LS* – Light Structure (See Glossary for definition)**Table 3.19** **Data on Beacons and Buoys**

<i>Port</i>	<i>Parish</i>	<i>No. Buoys</i>	<i>No. Beacons</i>
<i>Kingston</i>	Kingston	33	18
<i>Portland Bight & Port Esquivel</i>	St. Catherine	16	4
<i>Port Morant</i>	St. Thomas	1	-
<i>Port Antonio</i>	Portland	5	5
<i>Ocho Rios</i>	St. Ann	1	2
<i>Discovery Bay</i>	St. Ann	7	-
<i>Falmouth</i>	Trelawny	1	-
<i>Montego Bay</i>	St. James	5	9
<i>Lucea</i>	Hanover	1	-
<i>TOTAL</i>		70	38

Source: Port Authority of Jamaica

AIR INFRASTRUCTURE

Table 3.20 Aerodromes of Jamaica

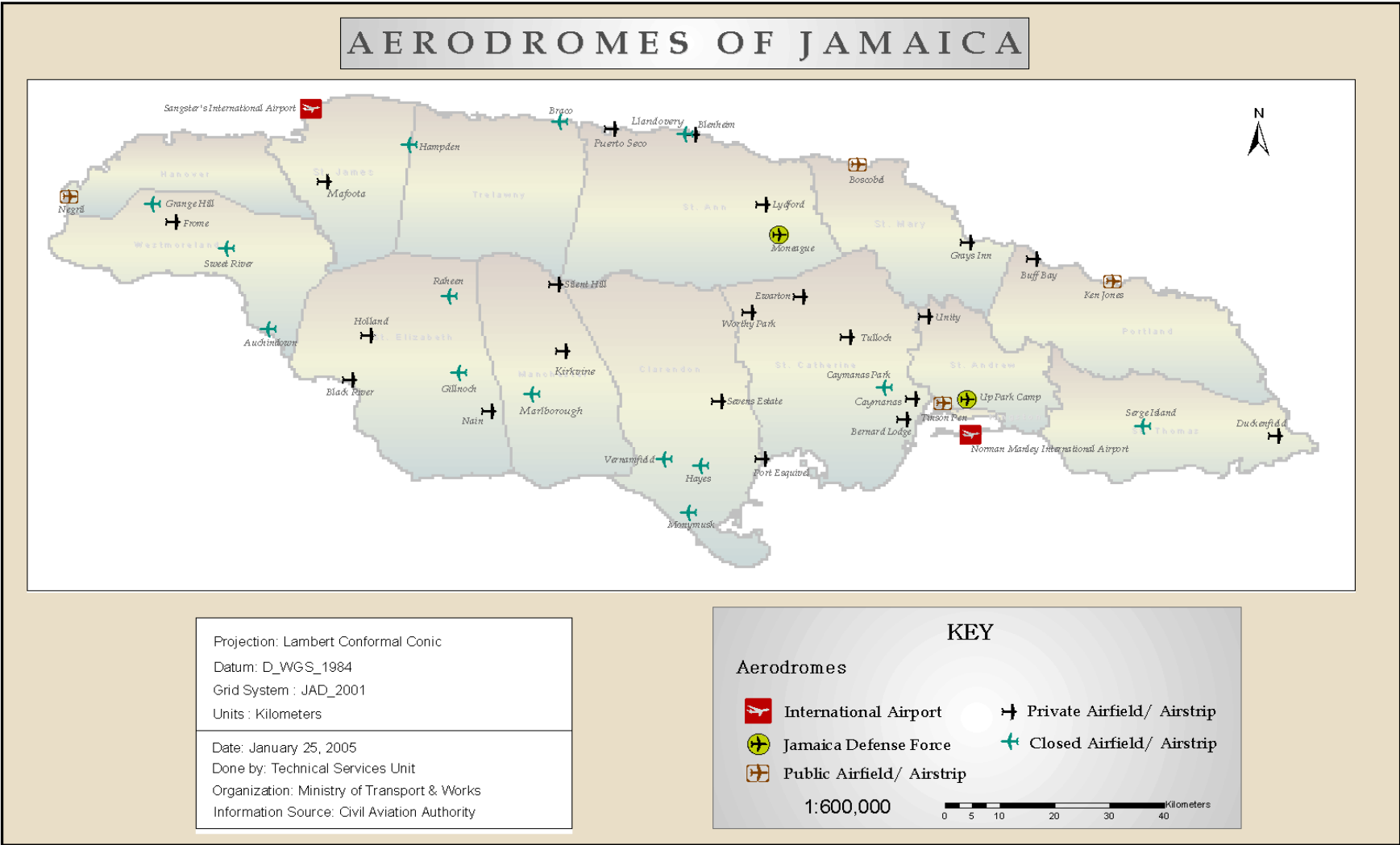
Aerodrome	Location	Licence No.	IATA Code	ICAO Code	Elevation	Runway	Status	Owner/Status
KINGSTON & ST. ANDREW								
Norman Manley Intl.	Palisadoes	1	KIN	MKJP		12/30Asphalt	Public	AAJ/GOJ, NMIA LTD
Up Park Camp	Cross Roads				200 ft.	18/36Grass2400		Jamaica Defence Force (JDF)
Tinson Pen	Three Miles	3	TPN/KTP	MKTP		14/32Asphalt3000'X100'	Public	AAJ/GOJ
ST. JAMES								
Sangster Intl.	Montego Bay	2	MBJ	MKJS		07/25Asphalt	Public	AAJ/GOJ, MBJ
Mafoota	Mafoota	18			900ft.	09/27Asphalt3425X89'(1700)	Private	All Island Banana
ST. MARY								
Grays Inn	St Mary	15				09/27Asphalt3000X100	Private	St. Mary Banana Estate
Unity	Whitehall						Private	
Boscobel	Oracabessa	4	BOS/OCJ	MKBS	100ft.	08/26Asphalt3000X100	Public	AAJ/GOJ
HANOVER								
Negril	Bloody Bay	6	NEG	MKNG	S/L	05/23Asphalt2162X60	Public	AAJ/GOJ
MANCHESTER								
Marlborough	Marlborough				2450ft.	15/33Grass/Marl	Closed	Rudy Montel Jamaica Air Taxi
Silent Hill	Silent Hill				2400ft.	13/31Asphalt1900	Private	Banana Board
Kirkvine	Kendal	9				14/32Asphalt1960'X150'	Private	Glencore Alumina, Kingston
ST. THOMAS								
Serge Island	Serge Island				400ft.	04/22Grass1800'	Closed	Serge Island Estates Ltd.
Duckenfield	Golden Grove	7				4000'HS	Private	Eastern Banana Estate
ST. CATHERINE								
Worthy Park	Lluidas Vale	16				Marl/Grass1800X80	Private	Worthy Park Estates
Caymanas	Caymanas Estate				300ft.	14/32Asp/Marl2000	Private	Jackie Biscoe
Bernard Lodge	Bernard Lodge				S/L	14/32Marl1800'	Private	UFCo.
Tulloch	Tulloch, Bog Walk	13			300ft.	11/29Grass3000X60	Private	Tulloch Estate Ltd.
Port Esquivel	Port Esquivel				S/L	14/32Asphalt1200'	Private	Glencore Alumina, Kingston
Caymanas Park	Portmore						Closed	Caymanas Racetrack

SECTION THREE: Transport Infrastructure

Table 3.20 (cont'd) – Aerodromes of Jamaica

Aerodrome	Location No.	Licence No.	IATA Code	ICAO Code	Elevation	Runway	Status	Owner/Status
Ewarton	Ewarton	11				07/25 Asphalt1960X150	Private	Glencore Alumina, Kingston
TRELAWNY								
Braco	Braco					1500'	Closed	GOJ
Hampden	Hampden						Closed	
ST. ANN								
Blenheim	Laughlands	17					Private	Mr. W Masterton
Moneague	Moneague						Private	Jamaica Defence Force (JDF)
Lydford	Lydford					Asphalt	Private	Reynolds Alumina
Puerto Seco	Discovery Bay				S/L	07/25Asphalt1500'	Private	Kaiser Bauxite Company
Llandoverly	Llandoverly						Closed	Overgrown
PORTLAND								
Ken Jones	St. Margaret's Bay						Public	AAJ/GOJ
Buff Bay	Buff Bay				S/L	Marl	Private	Mr. J. Steadman
CLARENDON								
Vernamfield	Sandy Gully						Closed	GOJ
Sevens Estate	Sevens				200ft.	Grass	Private	Sevens Estate Ltd.
Monymusk	Monymusk						Closed	
Hayes	Hayes						Closed	
WESTMORELAND								
Grange Hill	Grange Hill						Closed	
Sweet River	Sweet River						Closed	
Auchindown	Auchindown						Closed	
Frome	Frome						Private	Marl strip (Frome Estates)
ST. ELIZABETH								
Nain (Punchbowl)	Nain	8			600ft.	11/29Gravel2000'	Private	Alpart Jamaica Limited
Gilnoch						18/36Grass	Closed	Abandoned
Raheen	Raheen						Closed	
Black River	Black River				50ft.	12/30Grass/Marl2000'	Private	G. Mitchell
Holland	Holland	14					Private	Wray and Nephew

Source: Civil Aviation Authority



Source: Technical Services Unit, Ministry of Transport and Works
Map J Aerodromes of Jamaica

SECTION FOUR: Land Transport Statistics



SECTION FOUR: Land Transport Statistics

Table 4.0 Total Vehicles Certified by Parish and Vehicle Type (April 2003 to March 2004)

Vehicle Type	Kingston	St. Andrew	St. Catherine	St. Thomas	Clarendon	St. Mary	Portland	St. Elizabeth	Hanover	Manchester	Trelawny	St. Ann	Westmoreland	St. James	All Island Total
CARS															
Private	18,121	51,143	14,756	2,292	6,038	5,017	1,937	8,651	1,154	7,027	2,703	6,884	5,508	7,065	138,296
CMC	8	-	49	5	12	23	6	7	-	39	6	9	1	648	813
Hackney (PPV)	1,158	9	1,222	29	69	9	-	-	2	172	-	-	3	85	2,758
Route (PPV)	549	9	1,636	429	1,289	962	192	1,000	193	416	166	632	1,143	1,082	9,698
Contract (PPV)	154	-	-	-	-	29	2	-	18	2	-	346	6	981	1,538
TRUCKS															
Private	7,062	8,224	3,629	640	1,902	1,131	544	2,784	253	1,967	689	1,812	1,271	949	32,857
CMC	5,032	8,420	2,562	961	1,308	924	446	2,233	97	1,764	311	1,288	1,326	976	27,648
Stage (PPV)	1,635	50	677	100	271	161	19	182	24	33	6	145	109	1,206	4,618
Route (PPV)	984	12	108	12	49	10	81	34	6	274	-	165	69	990	2,794
Contract (PPV)	401	10	48	4	-	190	13	27	146	139	137	358	93	1,077	2,643
TRACTORS	30	36	164	86	11	17	5	27	9	20	8	6	115	229	763
TRAILERS	249	296	309	90	29	10	3	109	-	73	15	70	135	204	1,592
CYCLES	522	935	184	81	12	65	65	41	19	187	22	36	259	371	2,799
GRAND TOTAL	35,905	69,144	25,344	4,729	10,990	8,548	3,313	15,095	1,921	12,113	4,063	11,751	10,038	15,863	228,817

Source: Island Traffic Authority

SECTION FOUR: Land Transport Statistics

Table 4.1 Total Registered Motor Vehicles by Parish as at December 8th 2003

Parish Code	Parish	Motor Cars	Motor Tractors	Trailers	Motor Trucks	Motor Cycles	Invalid
O1	Kingston	7,161	5	208	4,094	845	
O2	St. Andrew	114,729	185	1,238	37,387	8,810	3
O3	St. Thomas	5,692	36	107	2,601	804	
O4	Portland	5,010	18	30	2,190	723	
O5	St. Mary	7,927	12	41	3,021	767	
O6	St. Ann	16,649	9	93	6,587	734	
O7	Trelawny	5,381	29	140	2,256	334	
O8	St. James	28,142	34	186	7,667	1,122	1
O9	Hanover	5,423	11	26	1,745	583	
10	Westmoreland	12,168	58	260	4,440	3,380	
11	St. Elizabeth	11,498	28	113	5,295	1,416	1
12	Manchester	18,943	31	147	7,269	655	
13	Clarendon	15,644	23	125	7,107	1,132	
14	St. Catherine	60,645	73	449	17,284	2,113	1
0	Invalid Parish	1,169	20	504	299	2	1,994
32		1	1				2
GRAND TOTAL		316,182	573	3,667	109,242	23,420	453,084

Source: Inland Revenue Department

Note: (1) *Invalid Parish* relates to errors in data entry where the parish information was not captured.
(2) *Invalid* in the column heading refers to database errors, which occurred during data conversion, due to the unavailability of data in key fields.

Table 4.2 New Motor Vehicle Registration by Parish 2003

<i>Parish</i>	<i>Motor Cars</i>	<i>Motor Tractors</i>	<i>Trailers</i>	<i>Motor Trucks</i>	<i>Motor Cycles</i>	<i>TOTAL</i>
<i>Kingston</i>	7,879	21	58	3,007	223	11,188
<i>St. Andrew</i>	19,325	47	81	5,718	523	25,694
<i>St. Thomas</i>	613	5	7	279	14	918
<i>Portland</i>	576	4	1	207	14	802
<i>St. Mary</i>	1,276	1	353	16	0	1,646
<i>St. Ann</i>	2,413	1	8	806	29	3,257
<i>Trelawny</i>	562	3	4	194	7	770
<i>St. James</i>	4,950	5	14	1,315	31	6,315
<i>Hanover</i>	609	2	180	48	0	839
<i>Westmoreland</i>	1,879	6	9	518	143	2,555
<i>St. Elizabeth</i>	1,740	7	4	650	36	2,437
<i>Manchester</i>	4,250	8	8	1,506	22	5,794
<i>Clarendon</i>	1,872	4	14	744	29	2,663
<i>St. Catherine</i>	4,712	17	28	1,834	97	6,688
TOTAL	52,656	131	769	16,842	1,168	71,566

Source: Inland Revenue Department

Note: The data represents registration of new vehicles or vehicles which were transferred from one owner to another.

SECTION FOUR: Land Transport Statistics

Table 4.3 Road Licence Applications Received for the Period April 2003 – March 2004

<i>Licence Type</i>	<i>April</i>	<i>May</i>	<i>June</i>	<i>July</i>	<i>August</i>	<i>September</i>	<i>October</i>	<i>November</i>	<i>December</i>	<i>January</i>	<i>February</i>	<i>March</i>	<i>TOTAL</i>
<i>Hackney Carriage</i>	513	152	88	102	82	79	102	77	41	66	57	697	2,056
<i>Contract Carriage</i>	682	190	99	126	72	84	59	35	38	40	75	866	2,366
<i>Rural Stage</i>	426	65	56	49	29	37	41	42	43	47	43	110	988
<i>Public Carriers</i>	1,381	320	181	245	129	162	127	107	114	90	292	1,453	4,601
<i>Private Carriers</i>	4,175	960	573	689	470	453	293	333	230	193	1,181	5,456	15,006
<i>Route Taxi</i>	3,086	1,355	509	570	433	483	422	326	236	220	184	1,594	9,398
<i>TOTAL</i>	10,263	3,022	1,506	1,781	1,215	1,298	1,044	920	702	656	1,832	10,176	34,415

Source: Transport Authority

Table 4.4 Road Licences Issued for the Period April 2003 - March 2004

<i>Licence Type</i>	<i>April</i>	<i>May</i>	<i>June</i>	<i>July</i>	<i>August</i>	<i>September</i>	<i>October</i>	<i>November</i>	<i>December</i>	<i>January</i>	<i>February</i>	<i>March</i>	<i>TOTAL</i>
<i>Hackney Carriage</i>	396	415	386	279	156	162	134	116	95	65	65	86	2,355
<i>Contract Carriage</i>	174	347	392	382	193	188	145	122	101	116	94	108	2,362
<i>Rural Stage</i>	73	75	92	97	76	83	86	59	61	81	69	63	915
<i>Public Carriers</i>	547	627	711	483	219	348	212	213	181	209	182	234	4,166
<i>Private Carriers</i>	2,499	4,235	2,054	1,774	1,208	1,156	842	559	525	435	454	1,128	16,869
<i>Route Taxi</i>	850	1,486	1,786	1,679	990	997	734	537	493	452	355	427	10,786
<i>TOTAL</i>	4,539	7,185	5,421	4,694	2,842	2,934	2,153	1,606	1,456	1,358	1,219	2,046	37,453

Source: Transport Authority

SECTION FOUR: Land Transport Statistics

Table 4.5 Road Licence Application Received by Region for the Period April 2003 To March 2004

Office	Licence Type	April	May	June	July	August	September	October	November	December	January	February	March	TOTAL
Kingston [Kingston, St. Andrew, St. Thomas, St. Catherine]	Hackney	498	151	82	101	82	78	101	77	41	66	57	692	2,026
	Contract	110	56	56	25	15	18	21	13	12	13	16	142	497
	Rural Stage	43	36	36	35	14	27	28	26	35	30	32	68	410
	Public C	850	180	180	104	77	103	87	75	83	68	254	1,171	3,232
	Private C	2,772	463	463	386	257	236	155	191	133	121	1,028	4,214	10,419
	Route Taxi	784	194	194	112	82	79	111	95	36	54	58	446	2,245
	Total	5,057	1,080	1,011	763	527	541	503	477	340	352	1,445	6,733	18,829
North Eastern Regional Office (NERO) – [Portland, Trelawny, St. Ann, St. Mary]	Hackney	7	1	0	0	0	0	0	-	-	-	-	-	8
	Contract	254	35	21	18	15	11	8	7	10	12	21	212	624
	Rural Stage	9	10	7	7	5	3	8	7	3	8	3	13	83
	Public C	157	20	9	45	20	14	12	15	9	10	5	89	405
	Private C	558	142	64	85	49	51	42	30	35	16	20	282	1,374
	Route Taxi	438	136	75	74	66	79	97	67	70	40	15	204	1,361
	Total	1,423	344	176	229	155	158	167	126	127	86	64	800	3,855
Southern Regional Office (SRO) – [Clarendon, Manchester, St. Elizabeth]	Hackney	1	0	0	0	1	0	1	-	-	1	2	9	25
	Contract	6	0	0	3	1	1	2	-	-	1	2	9	25
	Rural Stage	5	3	0	0	2	1	0	-	-	2	3	9	25
	Public C	235	83	29	58	14	19	6	7	17	9	30	113	620
	Private C	605	160	36	77	58	82	42	42	36	33	84	659	1,914
	Route Taxi	693	282	88	89	90	93	70	63	60	64	58	617	2,267
	Total	1,545	528	153	227	166	196	121	112	115	107	177	1,412	4,859
Western Regional Office (WRO) – [St. James, Hanover, Westmoreland]	Hackney	7	0	6	1	1	0	0	-	-	-	-	-	15
	Contract	312	99	47	80	41	54	28	15	16	14	36	603	1,345
	Rural Stage	369	16	18	7	8	8	5	9	3	9	5	20	477
	Public C	139	37	60	38	18	26	22	10	5	3	3	80	441
	Private C	240	195	205	141	106	74	54	70	26	23	49	301	1,484
	Route Taxi	1,171	723	240	295	195	232	144	101	70	62	53	327	3,613
	Total	2,238	1,070	576	562	369	394	253	205	120	111	146	1,331	7,375
GRAND TOTAL		10,263	3,022	1,916	1,781	1,217	1,289	1,044	920	702	656	1,832	10,276	34,918

Source: Transport Authority

Note: (1) *Road Collection (RC)* refers to licence applications that were received during fieldwork in given regions and not directly at regional offices.
(2) *Kingston Road Collection (RC)* is *excluded*, as data is not classified by licence type; *non-classified data on Licence Applications received for Kingston RC is as follows: June 2003 = 1,290, August 2003 = 50.*

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Table 4.6 Road Licences Issued by Region for the Period April 2003 To March 2004

Office	Licence Type	April	May	June	July	August	September	October	November	December	January	February	March	TOTAL
Kingston [Kingston, St. Andrew, St. Thomas, St. Catherine]	Hackney	396	412	386	279	154	157	130	115	94	65	65	86	2,339
	Contract	73	175	128	77	38	55	44	26	32	30	34	39	751
	Rural Stage	62	56	62	77	65	64	74	52	44	68	57	48	729
	Public C	454	454	488	261	69	217	133	166	135	177	118	183	2,855
	Private C	2,020	3,572	1,353	1,159	872	816	526	359	368	336	321	988	12,690
	Route Taxi	468	676	595	432	231	217	197	205	145	150	122	120	3,558
	Total	3,473	5,345	3,012	2,285	1,429	1,526	1,104	923	818	826	717	1,464	22,922
North Eastern Regional Office (NERO) – [Portland, Trelawny, St. Ann, St. Mary]	Hackney	0	1	0	0	2	4	0	0	0	0	0	0	7
	Contract	25	48	136	161	75	49	38	35	19	26	29	29	670
	Rural Stage	6	4	5	4	2	7	8	3	8	11	2	13	73
	Public C	24	39	45	27	24	39	18	20	9	5	28	20	298
	Private C	65	137	195	121	134	149	51	91	39	22	26	64	1,094
	Route Taxi	153	144	334	251	144	183	75	88	86	72	71	59	1,660
	Total	273	373	715	564	381	431	190	237	161	136	156	185	3,802
Southern Regional Office (SRO) – [Clarendon, Manchester, St. Elizabeth]	Hackney	0	2	0	0	0	1	4	0	1	0	0	0	8
	Contract	11	1	4	2	3	2	2	0	0	1	0	0	26
	Rural Stage	1	3	5	8	5	1	1	0	4	2	3	2	35
	Public C	56	88	110	121	81	68	37	8	20	22	30	11	652
	Private C	166	362	334	320	191	117	119	16	61	42	84	76	1,888
	Route Taxi	100	331	440	457	253	248	213	36	119	89	58	87	2,431
	Total	334	787	893	908	533	437	376	60	205	156	175	176	5,040
Western Regional Office (WRO) – [St. James, Hanover, Westmoreland]	Hackney	0	0	0	0	0	0	0	1	0	0	0	0	1
	Contract	65	123	124	142	77	82	61	61	50	59	31	40	915
	Rural Stage	4	12	20	8	4	11	3	4	5	0	7	0	78
	Public C	13	46	68	74	45	24	24	19	17	5	6	20	361
	Private C	248	164	172	174	11	74	146	93	57	35	23	0	1,197
	Route Taxi	129	335	417	539	362	349	249	208	143	141	104	161	3,137
	Total	459	680	801	937	499	540	483	386	272	240	171	221	5,689
GRAND TOTAL		4,539	7,185	5,421	4,694	2,842	2,934	2,153	1,606	1,456	1,358	1,219	2,046	37,453

Source: Transport Authority

Note: Road Collection (RC) data for the North Eastern Regional Office (NERO) and the Western Regional Office (WRO) is included.

Table 4.7 Number of Vehicles Seized by the Transport Authority 2003- 2004

<i>Period</i>	<i>Seizures</i>
<i>January – December 2003</i>	3,012
<i>January – July 2004</i>	5,690
<i>TOTAL</i>	8,702

Source: Transport Authority

Table 4.8 Number of Badges Issued 2003-2004

<i>Period</i>	<i>Badges</i>
<i>April 2003 – June 2004</i>	2,860

Source: Transport Authority

Table 4.9 Applications for Vehicle Import Permits 2003

<i>Type of Unit</i>	<i>Applications</i>	<i>Units</i>	<i>US\$ Value</i>
<i>Commercial Units</i>	5,709	8,906	\$109,897,665
<i>Motor Cars</i>	7,128	12,467	\$ 92,247,191
TOTAL	12,837	21,373	\$202,144,856

Source: Trade Board Limited

*Note: These are preliminary figures.***Table 4.10 Applications for Import Permits for New vs. Used Vehicles 2003**

<i>Type</i>	<i>Applications</i>	<i>Units</i>	<i>US\$ Value</i>
<i>New</i>	760	4,620	\$ 80,692,684
<i>Used</i>	12,078	16,753	\$121,452,172
TOTAL	12,837	21,373	\$202,144,856

Source: Trade Board Limited

Note: These are preliminary figures.

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Table 4.11 Motor Vehicle Imports Categorised by SITC Codes (January to December 2003)

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
781100000	60,649	117	577,003.35	United States
781100000	60,649	117	577,003.35	1
7812190010	17,252	18	78,429.85	United States
7812190010	1,520	2	30,856.95	France
7812190010	1,970	3	14,674.51	Japan
7812190010	20,742	23	123,961.31	3
7812190030	12,830	10	58,484.29	Brazil
7812190030	113	1	2,029.99	Korea, North
7812190030	15,932	20	89,527.93	Japan
7812190030	700	1	5,951.00	Barbados
7812190030	12,000	15	90,564.33	United Kingdom
7812190030	41,575	47	246,557.54	5
7812290010	786	1	4,262.97	Korea, North
7812290010	297,321	285	1,539,006.35	Japan
7812290010	980	1	9,013.14	United Kingdom
7812290010	4,756	3	43,972.34	United States
7812290010	970	1	6,546.32	France
7812290010	304,813	291	1,602,801.12	5
7812290030	3,121	3	33,002.99	Mexico
7812290030	4,400	4	14,543.97	Iran (Islamic Republic of)
7812290030	1,196	1	3,004.98	Jamaica Free Zone
7812290030	2,110	2	21,433.03	Czech Republic
7812290030	3,600	4	22,595.12	Italy
7812290030	21,918	23	246,208.77	Germany
7812290030	32,766	32	269,919.51	Korea, South
7812290030	3,285	3	14,861.60	United States

* Standard International Trade Classification (SITC) Code –represents the products traded. **See Appendix I: Table Y** for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

SECTION FOUR: Land Transport Statistics

Table 4.11 (cont'd) - Motor Vehicle Imports Categorised by SITC Codes 2003

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
7812290030	7,381,807	7,232	34,595,996.06	Japan
7812290030	8,160	8	57,205.40	Korea, North
7812290030	1,150	1	3,349.49	Taiwan Province
7812290030	11,330	14	108,642.99	Barbados
7812290030	2,616	2	8,257.02	Singapore
7812290030	7,477,459	7,329	35,399,020.93	13
7812320010	258,651	227	1,804,754.19	Japan
7812320010	2,655	2	38,927.52	United Kingdom
7812320010	1,180	1	9,068.44	France
7812320010	2,555	2	8,942.28	Korea, South
7812320010	17,030	14	145,034.05	United States
7812320010	2,720	2	58,053.48	South Africa
7812320010	23,213	18	416,138.95	Germany
7812320010	1,140	1	7,518.68	Yugoslavia
7812320010	1,142	1	4,767.70	Canada
7812320010	310,286	268	2,493,205.29	9
7812320011	1,380	1	8,281.22	United Kingdom
7812320011	4,570	4	53,594.33	Japan
7812320011	5,950	5	61,875.55	2
7812320030	9,513	9	103,446.98	France
7812320030	1,777,439	1,540	10,166,039.36	Japan
7812320030	5,540	6	36,239.74	Italy
7812320030	17,422	13	345,380.07	South Africa
7812320030	3,367	3	16,700.33	Canada
7812320030	49,944	47	282,315.49	United States
7812320030	8,560	7	61,251.51	Korea, South
7812320030	3,714	3	26,968.05	Korea, North

* Standard International Trade Classification (SITC) Code –represents the products traded. **See Appendix I: Table Y** for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

SECTION FOUR: Land Transport Statistics

Table 4.11 (cont'd) - Motor Vehicle Imports Categorised by SITC Codes 2003

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
7812320030	4,624	4	44,414.97	Spain
7812320030	5,452	5	44,155.99	Barbados
7812320030	10,005	6	73,537.90	United Kingdom
7812320030	21,474	20	183,956.99	Mexico
7812320030	129,611	98	2,250,683.69	Germany
7812320030	4,850	4	51,610.55	Czech Republic
7812320030	1,090	1	3,440.42	Singapore
7812320030	2,052,605	1,766	13,690,142.04	15
7812330010	11,095	9	240,273.52	Germany
7812330010	23,863	21	120,723.84	United States
7812330010	440,348	331	2,748,342.32	Japan
7812330010	2,225	2	28,661.00	France
7812330010	1,220	1	9,321.49	Canada
7812330010	1,100	1	7,348.59	Korea, South
7812330010	12,347	10	147,270.17	United Kingdom
7812330010	7,880	6	159,367.29	Sweden
7812330010	500,078	381	3,461,308.22	8
7812330011	1,207	1	22,331.01	United States
7812330011	30,506	22	202,244.62	Japan
7812330011	31,713	23	224,575.63	2
7812330030	56,648	43	1,072,901.99	Germany
7812330030	1,400	1	5,050.00	Iran (Islamic Republic Of)
7812330030	7,480	6	121,130.19	Netherlands
7812330030	20,300	18	238,512.73	France
7812330030	11,204	8	119,335.14	United Kingdom
7812330030	3,810	3	90,405.61	Sweden
7812330030	4,643,371	3,519	32,756,805.21	Japan

* Standard International Trade Classification (SITC) Code –represents the products traded. See Appendix I: Table Y for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

SECTION FOUR: Land Transport Statistics

Table 4.11 (cont'd) - Motor Vehicle Imports Categorised by SITC Codes 2003

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
7812330030	6,730	5	140,394.76	Belgium
7812330030	1,190	1	14,626.40	Czech Republic
7812330030	34,759	24	359,961.87	Mexico
7812330030	910	1	6,953.08	Trinidad And Tobago
7812330030	54,522	39	456,381.97	Barbados
7812330030	1,043	1	6,633.02	Canada
7812330030	1,300	1	8,025.78	Turkey
7812330030	20,740	17	210,998.32	Korea, South
7812330030	23,255	20	227,162.44	United States
7812330030	4,888,662	3,707	35,835,278.51	16
7812340010	186,129	117	1,507,776.29	Japan
7812340010	37,984	27	688,868.69	Germany
7812340010	5,997	5	80,104.65	Mexico
7812340010	1,380	1	18,416.87	Canada
7812340010	9,357	6	173,060.68	United Kingdom
7812340010	41,480	29	556,047.86	United States
7812340010	2,490	2	43,436.92	Sweden
7812340010	2,700	2	59,739.98	Belgium
7812340010	287,517	189	3,127,451.94	8
7812340011	19,494	12	273,231.68	United States
7812340011	3,705	2	63,156.00	Germany
7812340011	53,364	31	501,412.64	Japan
7812340011	1,349	1	35,161.02	Sweden
7812340011	77,912	46	872,961.34	4
7812340030	1,046	1	27,260.99	France
7812340030	17,500	10	133,473.00	Barbados
7812340030	66,454	46	644,426.50	United States

* Standard International Trade Classification (SITC) Code –represents the products traded. See Appendix I: Table Y for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

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Table 4.11 (cont'd) - Motor Vehicle Imports Categorised by SITC Codes 2003

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
7812340030	180,179	121	4,276,393.92	Germany
7812340030	30,600	16	200,995.94	Thailand
7812340030	6,710	4	168,416.08	Sweden
7812340030	1,320	1	23,255.15	Czech Republic
7812340030	40,570	26	419,919.27	Mexico
7812340030	1,350	1	31,082.22	Belgium
7812340030	11,058	7	190,942.69	United Kingdom
7812340030	7,335	5	70,175.66	Korea, South
7812340030	1,943,298	1,188	17,493,544.19	Japan
7812340030	1,374	1	14,382.40	Canada
7812340030	2,308,794	1,427	23,694,268.01	13
7812490010	7,771	5	180,644.31	United Kingdom
7812490010	1,088	1	3,164.08	Canada
7812490010	130,319	66	1,205,104.56	Japan
7812490010	4,378	3	115,394.80	Germany
7812490010	53,628	30	797,923.26	United States
7812490010	197,184	105	2,302,231.01	5
7812490030	2,100	1	18,585.17	Korea, South
7812490030	7,216	3	156,404.87	United Kingdom
7812490030	13,925	10	545,824.91	Germany
7812490030	39,384	23	645,065.42	United States
7812490030	141,350	71	1,504,715.39	Japan
7812490030	203,975	108	2,870,595.76	5
7812490050	2,020	1	10,961.99	United States
7812490050	2,020	1	10,961.99	1
7812490051	2,628	1	9,762.70	Japan
7812490051	39,668	18	233,032.79	United States
7812490051	42,296	19	242,795.49	2

* Standard International Trade Classification (SITC) Code –represents the products traded. **See Appendix I: Table Y** for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

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Table 4.11 (cont'd) - Motor Vehicle Imports Categorised by SITC Codes 2003

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
7812590030	4,225	4	44,854.18	Japan
7812590030	4,225	4	44,854.18	1
7812620010	8,165	6	106,441.37	United Kingdom
7812620010	8,165	6	106,441.37	1
7812620030	1,157	1	3,856.84	United States
7812620030	18,288	14	102,209.76	Japan
7812620030	18,892	12	230,589.95	United Kingdom
7812620030	1,526	1	4,816.59	Singapore
7812620030	39,863	28	341,473.14	4
7812640010	21,880	14	92,349.03	Japan
7812640010	1,250	1	12,099.27	United States
7812640010	2,200	1	32,371.00	United Kingdom
7812640010	25,330	16	136,819.30	3
7812640011	1,660	1	11,334.19	Japan
7812640011	1,660	1	11,334.19	1
7812640012	1,650	1	45,235.13	United Kingdom
7812640012	1,650	1	45,235.13	1
7812640013	1,630	1	6,597.52	Japan
7812640013	1,630	1	6,597.52	1
7812640030	1,177	1	19,211.76	Germany
7812640030	50,100	32	180,266.21	Japan
7812640030	7,849	4	124,308.59	United Kingdom
7812640030	59,126	37	323,786.56	3
7812790010	3,271	2	42,246.50	United States
7812790010	1,921	1	18,686.04	Korea, South
7812790010	3,278	2	92,761.37	Germany
7812790010	71,935	38	534,102.68	Japan
7812790010	80,405	43	687,796.59	4

* Standard International Trade Classification (SITC) Code –represents the products traded. **See Appendix I: Table Y** for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

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Table 4.11 (cont'd) - Motor Vehicle Imports Categorised by SITC Codes 2003

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
7812790011	8,880	4	139,976.40	Japan
7812790011	8,880	4	139,976.40	1
7812790012	40,446	24	384,219.19	Japan
7812790012	3,510	2	52,569.54	United States
7812790012	43,956	26	436,788.73	2
7812790013	2,050	1	10,353.00	United Kingdom
7812790013	2,050	1	10,353.00	1
7812790030	12,250	5	223,124.98	United Kingdom
7812790030	10,410	6	222,303.29	Germany
7812790030	22,774	13	247,336.46	Korea, South
7812790030	3,770	2	46,446.28	United States
7812790030	750,963	390	7,365,135.74	Japan
7812790030	800,167	416	8,104,346.75	5
7812790031	2,495	1	10,896.02	United States
7812790031	6,000	3	63,853.98	Japan
7812790031	8,495	4	74,750.00	2
7812790051	2,180	1	16,975.87	United States
7812790051	2,180	1	16,975.87	1
7812900060	2,960	1	14,444.98	Japan
7812900060	2,960	1	14,444.98	1
7821100010	440,937	19	4,425,403.56	United Kingdom
7821100010	5,235	1	7,072.04	Canada
7821100010	8,900	3	16,866.99	Japan
7821100010	329,514	14	2,333,038.39	United States
7821100010	784,586	37	6,782,380.98	4
7821100030	3,040	1	16,315.12	Korea, South
7821100030	3,040	1	16,315.12	1

* Standard International Trade Classification (SITC) Code –represents the products traded. **See Appendix I: Table Y** for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

SECTION FOUR: Land Transport Statistics

Table 4.11 (cont'd) - Motor Vehicle Imports Categorised by SITC Codes 2003

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
7821920010	37,469	9	123,209.22	United States
7821920010	22,836	14	224,393.98	Mexico
7821920010	6,800	1	7,857.96	Canada
7821920010	32,115	16	203,706.04	Japan
7821920010	3,460	1	4,388.31	France
7821920010	9,980	2	27,572.61	United Kingdom
7821920010	112,660	43	591,128.12	6
7821920011	8,250	5	124,498.99	Argentina
7821920011	4,838	3	16,751.50	Germany
7821920011	14,341	10	140,837.09	Mexico
7821920011	3,901	3	19,379.00	United Kingdom
7821920011	2,000	1	17,610.24	Canada
7821920011	109,845	62	616,754.22	Japan
7821920011	10,629	5	75,314.20	United States
7821920011	153,804	89	1,011,145.24	7
7821920012	13,805	9	125,320.69	Thailand
7821920012	2,967	2	21,915.87	United Kingdom
7821920012	94,809	57	811,824.94	Japan
7821920012	6,894	2	12,073.54	Canada
7821920012	37,924	12	222,889.18	United States
7821920012	156,399	82	1,194,024.22	5
7821920020	1,725	1	10,759.83	United Kingdom
7821920020	1,389	1	14,109.66	Mexico
7821920020	1,615	1	12,949.33	Thailand
7821920020	16,115	9	112,718.32	Japan
7821920020	20,844	12	150,537.14	4
7821920021	4,750	3	40,336.18	Japan

* Standard International Trade Classification (SITC) Code –represents the products traded. See Appendix I: Table Y for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

SECTION FOUR: Land Transport Statistics

Table 4.11 (cont'd) - Motor Vehicle Imports Categorised by SITC Codes 2003

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
7821920021	2,000	1	1,733.33	United Kingdom
7821920021	1,725	1	16,548.43	Thailand
7821920021	8,475	5	58,617.94	3
7821920022	4,040	2	40,712.93	United Kingdom
7821920022	4,040	2	40,712.93	1
7821920030	6,120	4	54,713.98	Mexico
7821920030	5,403	2	77,907.80	United States
7821920030	261,949	131	1,381,586.60	Japan
7821920030	29,345	18	239,877.17	Thailand
7821920030	302,817	155	1,754,085.55	4
7821920031	31,829	18	245,266.56	United States
7821920031	5,700	3	32,425.30	Korea, South
7821920031	28,359	21	281,954.72	Mexico
7821920031	1,930	1	25,625.99	United Kingdom
7821920031	1,580	1	15,392.09	Argentina
7821920031	52,885	31	424,455.77	Thailand
7821920031	3,770	2	25,131.91	Germany
7821920031	2,514,532	1,569	10,276,287.33	Japan
7821920031	2,640,585	1,646	11,326,539.67	8
7821920032	2,982	2	11,671.99	United States
7821920032	1,609	1	16,462.00	Mexico
7821920032	83,853	49	603,047.41	Japan
7821920032	9,870	6	71,652.13	Thailand
7821920032	98,314	58	702,833.53	4
7821940010	135,842	21	1,709,668.17	France
7821940010	735,517	83	696,015.72	United Kingdom
7821940010	8,935	2	14,582.55	Germany

* Standard International Trade Classification (SITC) Code –represents the products traded. **See Appendix I: Table Y** for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

SECTION FOUR: Land Transport Statistics

Table 4.11 (cont'd) - Motor Vehicle Imports Categorised by SITC Codes 2003

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
7821940010	69,397	10	173,572.00	Canada
7821940010	1,237,761	177	3,859,471.33	United States
7821940010	183,532	36	537,302.20	Japan
7821940010	2,370,984	329	6,990,611.97	6
7821940020	9,950	2	89,432.83	United States
7821940020	38,320	9	275,629.50	Japan
7821940020	48,270	11	365,062.33	2
7821940030	19,257	2	16,933.82	United Kingdom
7821940030	20,400	2	9,458.65	Germany
7821940030	1,103,928	291	2,520,104.75	Japan
7821940030	178,229	25	245,802.54	United States
7821940030	18,245	7	104,888.67	Korea, South
7821940030	1,340,059	327	2,897,188.43	5
7821960010	432,188	36	547,208.21	United States
7821960010	489,057	40	313,138.87	United Kingdom
7821960010	25,415	3	48,669.16	Canada
7821960010	946,660	79	909,016.24	3
7821960020	38,287	1	75,632.73	United States
7821960020	38,287	1	75,632.73	1
7821960030	32,812	3	16,622.01	Germany
7821960030	36,789	5	32,936.48	United Kingdom
7821960030	95,126	7	89,375.73	United States
7821960030	164,727	15	138,934.22	3
7821980010	1,755	1	8,397.27	United Kingdom
7821980010	5,628	3	15,221.56	Japan
7821980010	74,335	34	694,348.72	United States
7821980010	2,724	2	29,590.27	Canada
7821980010	84,442	40	747,557.82	4

* Standard International Trade Classification (SITC) Code –represents the products traded. **See Appendix I: Table Y** for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

SECTION FOUR: Land Transport Statistics

Table 4.11 (cont'd) - Motor Vehicle Imports Categorised by SITC Codes 2003

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
7821980011	3,150	2	20,850.00	Mexico
7821980011	134,458	189	1,427,963.15	United States
7821980011	7,911	4	52,575.47	Canada
7821980011	40,671	28	265,727.95	Japan
7821980011	186,190	223	1,767,116.57	4
7821980012	7,993	4	55,110.41	Canada
7821980012	15,044	9	139,902.58	Japan
7821980012	7,484	3	147,735.92	Mexico
7821980012	170,941	74	1,527,382.07	United States
7821980012	201,462	90	1,870,130.98	4
7821980020	2,449	1	24,187.21	Mexico
7821980020	4,683	3	37,025.00	Japan
7821980020	3,273	2	26,888.81	Canada
7821980020	25,122	14	262,244.96	United States
7821980020	35,527	20	350,345.98	4
7821980021	4,352	2	56,918.58	Mexico
7821980021	6,776	4	67,294.99	Japan
7821980021	28,486	17	286,556.35	United States
7821980021	2,635	1	45,326.03	China
7821980021	42,249	24	456,095.95	4
7821980030	62,283	40	425,282.76	Japan
7821980030	18,145	9	176,081.17	Mexico
7821980030	210,559	108	1,799,994.77	United States
7821980030	290,987	157	2,401,358.70	3
7821980031	12,330	8	189,209.05	Canada
7821980031	1,317,341	973	5,738,599.73	Japan
7821980031	7,370	5	37,700.00	China

* Standard International Trade Classification (SITC) Code –represents the products traded. **See Appendix I: Table Y** for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

SECTION FOUR: Land Transport Statistics

Table 4.11 (cont'd) - Motor Vehicle Imports Categorised by SITC Codes 2003

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
7821980031	2,640	3	21,544.99	Barbados
7821980031	128,460	50	1,238,388.71	Mexico
7821980031	3,100	2	12,031.34	United Kingdom
7821980031	378,251	198	3,853,558.69	United States
7821980031	1,220	1	6,277.99	Thailand
7821980031	1,850,712	1,240	11,097,310.50	8
7821992010	26,164	3	34,294.34	United States
7821992010	26,164	3	34,294.34	1
7821992030	2,379	1	12,438.83	United States
7821992030	1,482	1	8,372.11	Japan
7821992030	3,861	2	20,810.94	2
7821999010	10,206	1	17,077.31	United States
7821999010	10,206	1	17,077.31	1
7822100000	137,705	13	627,392.50	United States
7822100000	11,000	1	46,014.43	France
7822100000	6,700	1	5,000.00	Japan
7822100000	155,405	15	678,406.93	3
7822300000	20,320	1	21,655.24	United States
7822300000	20,320	1	21,655.24	1
7822500000	19,572	2	52,461.30	United States
7822500000	9,142	2	8,119.98	Japan
7822500000	28,714	4	60,581.28	2
7822700000	16,350	2	13,900.13	Japan
7822700000	299,824	26	666,071.23	United States
7822700000	88,063	8	112,156.13	Canada
7822700000	10,000	1	30,125.94	United Kingdom
7822700000	414,237	37	822,253.43	4

* Standard International Trade Classification (SITC) Code –represents the products traded. See Appendix I: Table Y for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

SECTION FOUR: Land Transport Statistics

Table 4.11 (cont'd) - Motor Vehicle Imports Categorised by SITC Codes 2003

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
7822900000	105,755	10	121,817.67	United Kingdom
7822900000	3,402	1	25,738.87	Canada
7822900000	259,967	40	1,186,433.39	United States
7822900000	41,237	12	430,511.40	Japan
7822900000	27,600	2	148,781.24	France
7822900000	8,050	1	217,104.73	Chile
7822900000	446,011	66	2,130,387.30	6
7826440031	159,742	104	641,505.46	Japan
7826440031	159,742	104	641,505.46	1
7831120010	5,840	3	23,424.69	Japan
7831120010	5,840	3	23,424.69	1
7831120011	13,454	6	79,252.40	Japan
7831120011	4,660	2	40,732.00	Germany
7831120011	18,114	8	119,984.40	2
7831120020	3,212	2	19,792.50	Japan
7831120020	3,212	2	19,792.50	1
7831120021	8,860	5	45,359.99	Japan
7831120021	8,860	5	45,359.99	1
7831120030	82,920	46	424,066.80	Japan
7831120030	82,920	46	424,066.80	1
7831120031	149,970	85	1,087,961.09	Japan
7831120031	1,827	1	16,288.99	Mexico
7831120031	151,797	86	1,104,250.08	2
7831140011	58,390	17	369,684.17	Japan
7831140011	58,390	17	369,684.17	1
7831140020	1,880	1	7,000.00	Japan
7831140020	1,880	1	7,000.00	1

* Standard International Trade Classification (SITC) Code –represents the products traded. **See Appendix I: Table Y** for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

SECTION FOUR: Land Transport Statistics

Table 4.11 (cont'd) - Motor Vehicle Imports Categorised by SITC Codes 2003

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
7831140021	209,346	60	1,071,523.89	Japan
7831140021	209,346	60	1,071,523.89	1
7831140031	234,350	70	1,982,618.85	Japan
7831140031	11,800	2	45,557.98	Brazil
7831140031	246,150	72	2,028,176.83	2
7831160010	56,854	11	267,390.44	Japan
7831160010	5,216	1	14,466.78	United States
7831160010	62,070	12	281,857.22	2
7831160020	41,360	4	93,104.81	Japan
7831160020	41,360	4	93,104.81	1
7831160030	12,316	3	123,956.12	Japan
7831160030	12,316	3	123,956.12	1
7831190010	22,720	2	26,500.00	Japan
7831190010	22,720	2	26,500.00	1
7831920011	2,631	1	8,484.19	United States
7831920011	7,380	4	61,167.03	Japan
7831920011	10,011	5	69,651.22	2
7831920021	7,690	4	32,931.40	Japan
7831920021	7,690	4	32,931.40	1
7831920030	9,960	5	41,965.49	Japan
7831920030	9,960	5	41,965.49	1
7831920031	16,100	9	70,549.00	Japan
7831920031	16,100	9	70,549.00	1
7831940011	15,170	4	60,882.50	Japan
7831940011	15,170	4	60,882.50	1
7831940021	24,130	7	125,798.09	Japan
7831940021	24,130	7	125,798.09	1

* Standard International Trade Classification (SITC) Code –represents the products traded. **See Appendix I: Table Y** for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

SECTION FOUR: Land Transport Statistics

Table 4.11 (cont'd) - Motor Vehicle Imports Categorised by SITC Codes 2003

SITC Code*	Quantity (kg)	Number of Units	CIF Value (US\$)	Country of Origin
7831940031	7,764	2	46,723.18	Japan
7831940031	7,764	2	46,723.18	1
7831960010	12,760	1	10,000.00	Japan
7831960010	12,760	1	10,000.00	1
7831960020	50,540	4	150,483.95	Japan
7831960020	50,540	4	150,483.95	1
7831990030	4,729	1	7,747.98	Japan
7831990030	4,729	1	7,747.98	1
7832000010	2,066,349	312	3,003,242.92	United States
7832000010	71,267	7	36,413.95	United Kingdom
7832000010	341,538	46	453,919.43	Canada
7832000010	20,135	3	23,554.40	Japan
7832000010	2,499,289	368	3,517,130.70	4
7832000030	7,710	1	4,806.57	United Kingdom
7832000030	34,329	5	29,292.56	Canada
7832000030	30,400	1	6,654.62	Germany
7832000030	356,368	40	333,785.03	United States
7832000030	7,484	1	12,890.50	Japan
7832000030	436,291	48	387,429.28	5
GRAND TOTAL	37,075,161	22,140	205,720,598.12	

* Standard International Trade Classification (SITC) Code –represents the products traded. **See Appendix I: Table Y** for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Source: Statistical Institute of Jamaica (STATIN)

SECTION FOUR: Land Transport Statistics

Table 4.12 Summary of Motor Vehicle Imports Categorized by SITC Codes (January – December 2003)

No.	SITC Code*	Total Quantity (kg)	Total Number of Units	Total CIF Value (US\$)	Total Countries of Origin
1.	781100000	60,649	117	577,003.35	1
2.	7812190010	20,742	23	123,961.31	3
3.	7812190030	41,575	47	246,557.54	5
4.	7812290010	304,813	291	1,602,801.12	5
5.	7812290030	7,477,459	7,329	35,399,020.93	13
6.	7812320010	310,286	268	2,493,205.29	9
7.	7812320011	5,950	5	61,875.55	2
8.	7812320030	2,052,605	1,766	13,690,142.04	15
9.	7812330010	500,078	381	3,461,308.22	8
10.	7812330011	31,713	23	224,575.63	2
11.	7812330030	4,888,662	3,707	35,835,278.51	16
12.	7812340010	287,517	189	3,127,451.94	8
13.	7812340011	77,912	46	872,961.34	4
14.	7812340030	2,308,794	1427	23,694,268.01	13
15.	7812490010	197,184	105	2,302,231.01	5
16.	7812490030	203,975	108	2,870,595.76	5
17.	7812490050	2,020	1	10,961.99	1
18.	7812490051	42,296	19	242,795.49	2
19.	7812590030	4,225	4	44,854.18	1
20.	7812620010	8,165	6	106,441.37	1
21.	7812620030	39,863	28	341,473.14	4
22.	7812640010	25,330	16	136,819.30	3
23.	7812640011	1,660	1	11,334.19	1
24.	7812640012	1,650	1	45,235.13	1
25.	7812640013	1,630	1	6,597.52	1
26.	7812640030	59,126	37	323,786.56	3
27.	7812790010	80,405	43	687,796.59	4
28.	7812790011	8,880	4	139,976.40	1

SECTION FOUR: Land Transport Statistics

Table 4.12 (cont'd) – Summary Table of Motor Vehicle Imports by SITC Codes 2003

No.	SITC Code*	Total Quantity (kg)	Total Number of Units	Total CIF Value (US\$)	Total Countries of Origin
29.	7812790012	43,956	26	436,788.73	2
30.	7812790013	2,050	1	10,353.00	1
31.	7812790030	800,167	416	8,104,346.75	5
32.	7812790031	8,495	4	74,750.00	2
33.	7812790051	2,180	1	16,975.87	1
34.	7812900060	2,960	1	14,444.98	1
35.	7821100010	784,586	37	6,782,380.98	4
36.	7821100030	3,040	1	16,315.12	1
37.	7821920010	112,660	43	591,128.12	6
38.	7821920011	153,804	89	1,011,145.24	7
39.	7821920012	156,399	82	1,194,024.22	5
40.	7821920020	20,844	12	150,537.14	4
41.	7821920021	8,475	5	58,617.94	3
42.	7821920022	4,040	2	40,712.93	1
43.	7821920030	302,817	155	1,754,085.55	4
44.	7821920031	2,640,585	1,646	11,326,539.67	8
45.	7821920032	98,314	58	702,833.53	4
46.	7821940010	2,370,984	329	6,990,611.97	6
47.	7821940020	48,270	11	365,062.33	2
48.	7821940030	1,340,059	327	2,897,188.43	5
49.	7821960010	946,660	79	909,016.24	3
50.	7821960020	38,287	1	75,632.73	1
51.	7821960030	164,727	15	138,934.22	3
52.	7821980010	84,442	40	747,557.82	4
53.	7821980011	186,190	223	1,767,116.57	4
54.	7821980012	201,462	90	1,870,130.98	4
55.	7821980020	35,527	20	350,345.98	4

SECTION FOUR: Land Transport Statistics

Table 4.12 (cont'd) – Summary Table of Motor Vehicle Imports by SITC Codes 2003

No.	SITC Code*	Total Quantity (kg)	Total Number of Units	Total CIF Value (US\$)	Total Countries of Origin
56.	7821980021	42,249	24	456,095.95	4
57.	7821980030	290,987	157	2,401,358.70	3
58.	7821980031	1,850,712	1,240	11,097,310.50	8
59.	7821992010	26,164	3	34,294.34	1
60.	7821992030	3,861	2	20,810.94	2
61.	7821999010	10,206	1	17,077.31	1
62.	7822100000	155,405	15	678,406.93	3
63.	7822300000	20,320	1	21,655.24	1
64.	7822500000	28,714	4	60,581.28	2
65.	7822700000	414,237	37	822,253.43	4
66.	7822900000	446,011	66	2,130,387.30	6
67.	7826440031	159,742	104	641,505.46	1
68.	7831120010	5,840	3	23,424.69	1
69.	7831120011	18,114	8	119,984.40	2
70.	7831120020	3,212	2	19,792.50	1
71.	7831120021	8,860	5	45,359.99	1
72.	7831120030	82,920	46	424,066.80	1
73.	7831120031	151,797	86	1,104,250.08	2
74.	7831140011	58,390	17	369,684.17	1
75.	7831140020	1,880	1	7,000.00	1
76.	7831140021	209,346	60	1,071,523.89	1
77.	7831140031	246,150	72	2,028,176.83	2
78.	7831160010	62,070	12	281,857.22	2
79.	7831160020	41,360	4	93,104.81	1
80.	7831160030	12,316	3	123,956.12	1
81.	7831190010	22,720	2	26,500.00	1
82.	7831920011	10,011	5	69,651.22	2

SECTION FOUR: Land Transport Statistics

Table 4.12 (cont'd) – Summary Table of Motor Vehicle Imports by SITC Codes 2003

No.	SITC Code*	Total Quantity (kg)	Total Number of Units	Total CIF Value (US\$)	Total Countries of Origin
83.	7831920021	7,690	4	32,931.40	1
84.	7831920030	9,960	5	41,965.49	1
85.	7831920031	16,100	9	70,549.00	1
86.	7831940011	15,170	4	60,882.50	1
87.	7831940021	24,130	7	125,798.09	1
88.	7831940031	7,764	2	46,723.18	1
89.	7831960010	12,760	1	10,000.00	1
90.	7831960020	50,540	4	150,483.95	1
91.	7831990030	4,729	1	7,747.98	1
92.	7832000010	2,499,289	368	3,517,130.70	4
93.	7832000030	436,291	48	387,429.28	5
GRAND TOTAL		37,075,161	22,140	205,720,598.12	

Source: Statistical Institute of Jamaica (STATIN)

* Standard International Trade Classification (SITC) Code – represents the products traded. **See Appendix I: Table Y** for product description.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Table 4.13 Summary of Motor Vehicle Imports by Country of Origin (January to December 2003)

<i>Country of Origin</i>	<i>Total Quantity (kg)</i>	<i>Total Number of Units</i>	<i>Total CIF Value (US\$)</i>
<i>Argentina</i>	9,830	6	139,891.08
<i>Barbados</i>	92,144	72	770,149.94
<i>Belgium</i>	10,780	8	231,216.96
<i>Brazil</i>	24,630	12	104,042.27
<i>Canada</i>	627,918	107	1,314,721.83
<i>Chile</i>	8,050	1	217,104.73
<i>China</i>	10,005	6	83,026.03
<i>Czech Republic</i>	9,470	8	110,925.13
<i>France</i>	214,656	59	2,353,205.56
<i>Germany</i>	603,336	378	10,380,054.90
<i>Iran (Islamic Republic of)</i>	5,800	5	19,593.97
<i>Italy</i>	9,140	10	58,834.86
<i>Jamaica Free Zone**</i>	1,196	1	3,004.98
<i>Japan</i>	25,513,011	18,960	146,591,601.91
<i>Korea, North</i>	12,773	13	90,466.41
<i>Korea, South</i>	126,836	90	1,066,872.63
<i>Mexico</i>	346,442	197	3,489,867.78
<i>Netherlands</i>	7,480	6	121,130.19
<i>Singapore</i>	5,232	4	16,514.03

SECTION FOUR: Land Transport Statistics

Table 4.13 (cont'd) – Summary of Motor Vehicle Imports by Country of Origin 2003

Country of Origin	Total Quantity (kg)	Total Number of Units	Total CIF Value (US\$)
South Africa	20,142	15	403,433.55
Spain	4,624	4	44,414.97
Sweden	22,239	16	496,786.92
Taiwan Province	1,150	1	3,349.49
Thailand	141,065	83	1,098,077.45
Trinidad and Tobago	910	1	6,953.08
Turkey	1,300	1	8,025.78
United Kingdom	2,086,716	277	7,806,126.74
United States	7,157,146	1,798	28,683,686.27
Yugoslavia	1,140	1	7,518.68
GRAND TOTAL	37,075,161	22,140	205,720,598.12

Source: Statistical Institute of Jamaica (STATIN)

** Jamaica Free Zone refers to products originating from the Free Zone area in Jamaica.

Note: CIF value refers to total vehicle costs, insurance and freight charges.

Table 4.14 Manual Intersection Traffic Counts for the Period April 1, 2003 to March 31, 2004

<i>Location/Town</i>	<i>Parish</i>	<i>Number of Counts</i>
<i>Bog Walk</i>	St. Catherine	3
<i>Clonmel</i>	St. Mary	1
<i>Harmony Hall</i>	St. Mary	1
<i>Highgate</i>	St. Mary	3
<i>Islington</i>	St. Mary	3
<i>Kingston and St. Andrew (KSA)</i>	Kingston, St. Andrew (KSA)	121
<i>Linstead</i>	St. Catherine	4
<i>Mandeville</i>	Manchester	6
<i>Old Harbour</i>	St. Catherine	10*
<i>Old Harbour Bypass</i>	St. Catherine	3
<i>Spanish Town</i>	St. Catherine	9
<i>Spanish Town Bypass</i>	St. Catherine	5
<i>Whitehall</i>	St. Mary	1
TOTAL COUNTS ISLANDWIDE		170

Sources: National Works Agency
 Technical Services Unit, Ministry of Transport and Works

* One (1) count was conducted by Technical Services Unit, Ministry of Transport and Works.

Note: *Manual* traffic counts are done by persons. This differs in comparison to *automatic* counts that are done through a device positioned at a location along the road and requires no human intervention to produce vehicle counts.

Table 4.15 Twenty Highest Twelve-Hour Traffic Intersection Volume Locations in Kingston & St. Andrew 2003-2004

<i>Number</i>	<i>Location</i>	<i>Date</i>	<i>Total Intersection Volume</i>
1.	<i>Hope Rd / Trafalgar Rd / Waterloo Rd</i>	06/12/03	44,997
2.	<i>Washington Blvd / Molynes Rd</i>	16/07/03	44,037
3.	<i>Camp Rd / Tom Redcam Ave / Caledonia Ave</i>	23/02/04	42,303
4.	<i>Eastwood Park Rd / Molynes Rd / South Odeon Ave</i>	09/04/03	38,364
5.	<i>Old Hope Rd / Mona Plaza</i>	11/06/03	37,587
6.	<i>Hope Rd / Old Hope Rd / Barbican Rd (Matilda's Corner)</i>	04/06/03	36,893
7.	<i>Waterloo Rd / South Ave</i>	07/07/03	34,483
8.	<i>Old Hope Rd / Munroe Rd (Shell Gas Station)</i>	10/11/03	34,422
9.	<i>Washington Blvd / Ken Hill Dr</i>	18/07/03	33,916
10.	<i>Washington Blvd / Patrick Dr</i>	26/01/04	33,579
11.	<i>Constant Spring Rd / Dunrobin Ave</i>	29/01/04	31,704
12.	<i>Washington Blvd / Weymouth Dr</i>	22/01/04	30,769
13.	<i>Constant Spring Rd / Dunrobin Ave / Gore Terrace</i>	04/09/03	30,757
14.	<i>Constant Spring Rd / Central Ave</i>	04/07/03	29,760
15.	<i>Marescaux Rd / Caledonia Ave</i>	19/02/04	25,157
16.	<i>Marescaux Rd / Connolley Ave</i>	07/11/03	23,657
17.	<i>Old Hope Rd / Mines Complex</i>	09/06/03	23,405
18.	<i>Molynes Rd / Tarrant Dr / Lower Sandringham Ave</i>	16/04/03	22,977
19.	<i>Old Hope Rd / Lady Musgrave Rd / North Ave</i>	17/06/03	22,968
20.	<i>Constant Spring Rd / Stony Hill Rd / Norbrook Dr</i>	03/04/03	22,146

Source: National Works Agency

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Table 4.16 Twenty Highest Rural Twelve-Hour Traffic Intersection Volume Locations 2003-2004

Number	Parish/Location	Location	Date	Total Intersection Volume
1.	Spanish Town Bypass, St. Catherine	<i>Spanish Town Bypass / Salt Pond Rd / White Church St</i>	07/01/04	24,933
2.	Spanish Town Bypass, St. Catherine	<i>Spanish Town Bypass / March Pen Rd</i>	06/01/04	24,406
3.	Spanish Town, St. Catherine	<i>Twickenham Pk Rd / Bourkes Rd / Sligoville Rd / McNeil Blvd</i>	16/10/03	23,160
4.	Spanish Town Bypass, St. Catherine	<i>Spanish Town Bypass / Windsor Rd (Salt Factory)</i>	05/01/04	22,965
5.	Spanish Town Bypass, St. Catherine	<i>Spanish Town Bypass / Port Henderson Rd</i>	08/01/04	21,650
6.	Mandeville, Manchester	<i>Main St / Villa Rd</i>	29/07/03	20,706
7.	Spanish Town, St. Catherine	<i>Barrett St / Bourkes Rd</i>	14/10/03	20,545
8.	Mandeville, Manchester	<i>Caledonia Rd / New Green Rd</i>	23/07/03	20,029
9.	Mandeville, Manchester	<i>Ward Ave / Manchester Rd / Caledonia Rd</i>	22/07/03	18,298
10.	Mandeville, Manchester	<i>Caledonia Rd / Main St</i>	29/07/03	18,270
11.	Spanish Town Bypass, St. Catherine	<i>Spanish Town Bypass / Michael Manley Dr</i>	13/01/04	17,918
12.	Spanish Town, St. Catherine	<i>Twickenham Pk Rd / McNeil Blvd</i>	21/10/03	17,748
13.	Spanish Town, St. Catherine	<i>Brunswick Ave / Eltham Main Rd / Job Ln</i>	23/10/03	16,928
14.	Spanish Town, St. Catherine	<i>Twickenham Pk Rd / Michael Manley Dr</i>	22/10/03	16,616
15.	Spanish Town, St. Catherine	<i>Bourkes Rd / White Church St / Salt Pond Rd</i>	16/10/03	16,271
16.	Old Harbour Bypass, St. Catherine	<i>Bushy Park: Bypass / Spanish Town / Old Harbour</i>	19/08/03	15,424
17.	Spanish Town, St. Catherine	<i>Bourkes Rd / Port Henderson Rd</i>	13/10/03	14,063
18.	Mandeville, Manchester	<i>Caledonia Rd / Greenvale Ave / Grove Rd</i>	21/07/03	13,494
19.	Old Harbour Bypass, St. Catherine	<i>Sandy Bay: May Pen / Freetown / Bypass</i>	18/08/03	12,879
20.	Old Harbour, St. Catherine	<i>Old Harbour Town Centre</i>	05/08/03	11,843

Source: National Works Agency

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Table 4.17 Vehicle Movements by Class on Toll Road – Bushy Park to Sandy Bay (Old Harbour Bypass)

	Class*	Sep-03	Oct-03	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	Apr-04	May-04	Jun-04	Jul-04	Aug-04	Sep-04	TOTAL
Monthly number of Transactions	Class 1	54,549	281,541	288,483	352,976	324,810	290,329	304,063	312,533	300,823	297,581	326,872	342,859	253,241	3,730,660
	Class 2	2,008	6,713	5,747	6,827	5,850	5,503	5,659	5,784	5,416	5,533	5,861	5,768	4,984	71,653
	Class 3	4,263	23,343	22,751	26,137	25,181	26,409	29,443	27,070	24,048	24,578	25,684	23,587	20,329	302,823
		60,820	311,597	316,981	385,940	355,841	322,241	339,165	345,387	330,287	327,692	358,417	372,214	278,554	4,105,136
On 30 days		60,820	301,545	316,981	373,490	344,362	345,258	328,224	345,387	319,633	327,692	370,364	384,621	278,554	
Daily Average number of Transactions	Class 1	9,092	9,082	9,616	11,386	10,478	10,011	9,808	10,418	9,704	9,919	10,544	11,060	8,441	
	Class 2	335	217	192	220	189	190	183	193	175	184	189	186	166	
	Class 3	711	753	758	843	812	911	950	902	776	819	829	761	678	
		10,138	10,052	10,566	12,450	11,479	11,112	10,941	11,513	10,654	10,923	11,562	12,007	9,285	

Source: Toll Authority: Monthly Reports, September 2004

* See definitions for Class categories in Glossary (Appendix II).

Note:

- Old Harbour Bypass is part of Segment One of Highway 2000 (H2K).
- See Appendix I: Chart 13 and Chart 14 for corresponding graphs.

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Table 4.18

Major Patching Programme: Spray Patching Programme 2003-2004

REGION	MONTHS (Qty m ²)												TOTAL
	Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	
KMR													
Kingston	-	7,980.2	2,548.1	8,947.0	-	5,157.3	268.0	245.0	11,092.0	6,030.0	6,717.0	11,259.8	60,244.4
St. Andrew	-	-	-	-	-	-	-	-	6,133.0	461.4	333.6	2,223.5	9,151.5
St. Catherine	-	1,732.7	2,466.7	3,736.3	-	2,552.8	-	-	15,241.0	-	-	5,491.2	31,220.7
TOTAL	-	9,712.9	5,014.8	12,683.3	-	7,710.1	268.0	245.0	32,466.0	6,491.4	7,050.6	18,974.5	100,616.6
CENTRAL													
Clarendon	-	-	11,928.1	13,385.4	-	-	846.0	1,705.7	-	-	7,201.1	8,672.9	43,739.2
Manchester	-	-	-	11,350.4	-	5,073.5	-	-	7,489.0	17,936.0	4,204.0	1,352.0	47,404.9
St. Elizabeth	-	-	-	716.2	-	8,480.2	-	-	-	-	1,430.0	955.4	11,581.8
TOTAL	-	-	11,928.1	25,452.0	-	13,553.7	846.0	1,705.7	7,489.0	17,936.0	12,835.1	10,980.3	102,725.9
EASTERN													
St. Thomas	-	21,611.4	-	-	-	-	-	1,720.6	-	185.2	1,920.2	3,421.7	28,859.1
Portland	13,164.5	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary	14,631.5	8,439.8	-	-	-	-	959.0	-	6,655.7	9,236.0	9,357.8	4,680.6	53,960.4
St. Ann	-	19,200.7	-	-	-	-	-	-	-	-	-	5,958.5	25,159.2
TOTAL	27,796.0	49,251.9	-	-	-	-	959.0	1,720.6	6,655.7	9,421.2	11,278.0	14,060.8	114,487.5
WESTERN													
Westmoreland	-	-	-	-	-	6,072.4	6,940.0	-	-	-	-	-	13,012.4
Hanover	-	-	-	-	-	-	-	-	-	-	-	-	-
St. James	-	-	-	-	-	3,217.0	6,267.0	3,911.5	-	-	-	-	13,395.5
Trelawny	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	9,289.4	13,207.0	3,911.5	-	-	-	-	26,407.9
GRAND TOTAL	27,796.0	58,964.8	16,942.9	38,135.3	-	30,553.2	15,280.0	7,582.8	46,610.7	33,848.6	31,163.7	44,015.6	350,893.6

Source: National Works Agency

SECTION FOUR: Land Transport Statistics

Table 4.19 Jamaica Social Investment Fund (JSIF): Road Work Projects 2003-2004

<i>Parish</i>	<i>Project Name</i>	<i>Status</i>	<i>Length of Road (km)</i>	<i>Amount Approved (\$J)</i>	<i>Beneficiaries</i>
Clarendon	<i>Burn to Jericho Road Rehabilitation</i>	Practical Completion	2.00	8,550,605.50	3,000
Clarendon	<i>Lodgie Green Road Rehabilitation Minor Works</i>	Practical Completion	4.35	4,886,876.30	800
Clarendon	<i>Morant Road Rehabilitation Minor Works</i>	Practical Completion	1.84	1,186,545.56	1,000
Clarendon	<i>Saddom (Moravia) Road Rehabilitation</i>	Practical Completion	0.50	1,988,337.59	500
Clarendon	<i>Sinks to Burn Road Rehabilitation</i>	Practical Completion	2.70	12,173,414.00	3,000
Manchester	<i>Craighead to Bigwoods Road Rehabilitation</i>	Final Completion	1.96	7,101,530.10	1,500
Manchester	<i>Cocoa Walk Road (Top Hill to Resource Road)</i>	Supervision	2.26	12,003,396.00	1,500
Manchester	<i>George North to Prudence Shop Road</i>	Supervision	2.05	14,371,178.00	1,500
Manchester	<i>Greenvale Land Settlement Road Rehabilitation</i>	Supervision	2.70	7,189,463.48	400
Manchester	<i>Hyman Town to Prudence Shop (George North Road)</i>	Supervision	3.90	10,302,882.00	480
Portland	<i>Spring Hill to Bangor Ridge Road Rehabilitation</i>	Terminated	2.72	6,236,883.00	3,000
Portland	<i>Wakefield to Spring Hill Road Rehabilitation</i>	Terminated	2.85	12,415,473.00	3,000
St Thomas	<i>Hermitage to Farm Road Rehabilitation</i>	Final Completion	2.00	4,806,867.00	2,500
St. Andrew	<i>Belmore Feeder Road</i>	Practical Completion	1.55	5,800,468.00	300
St. Catherine	<i>Coolshade to Mexico Road</i>	Final Completion	3.40	16,578,755.20	600
St. Catherine	<i>Giblatore Road Rehabilitation</i>	Practical Completion	5.10	12,202,766.00	1,100
St. Elizabeth	<i>Forest Mountain to Content Road Rehabilitation</i>	Supervision	2.80	19,345,685.81	1,750
St. Elizabeth	<i>Woodlands to Tatewood Road</i>	Supervision	5.60	31,094,004.31	1,700
St. James	<i>Arcadia to Mellerswood Road Rehabilitation</i>	Supervision	2.70	13,397,936.66	720
St. Mary	<i>Fraserwood/Africa/Marlborough Roads Rehabilitation</i>	Final Completion	2.65	7,141,344.08	2,000

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Table 4.19 (cont'd) – JSIF Road Work Projects 2003-2004

Parish	Project Name	Status	Length of Road (km)	Amount Approved (\$J)	Beneficiaries
St. Mary	<i>Fraserwood to Hopewell Road Rehabilitation</i>	Practical Completion	2.25	9,205,453.92	2,000
St. Thomas	<i>Spring Garden to Wilmington Road Rehabilitation</i>	Final Completion	4.00	11,449,636.00	2,500
St. Thomas	<i>Bethel Gap to Mango Row Parochial Road</i>	Terminated	1.45	8,906,679.00	2,500
St. Thomas	<i>Epping Farm to Penlyne Castle Road</i>	Terminated	4.65	5,925,236.00	3,750
St. Thomas	<i>Hagley Gap to Minto Road</i>	Terminated	4.60	9,802,428.00	3,750
St. Thomas	<i>Minto to Epping Farm Road</i>	Terminated	4.60	7,674,124.00	3,750
St. Thomas	<i>Richmond Gap to Richmond Vale Road</i>	Terminated	1.41	7,593,591.00	2,500
St. Thomas	<i>Mango Row to Richmond Gap Road Rehabilitation</i>	Terminated	4.95	13,771,817.00	2,500
Westmoreland	<i>Belmont to Cherry Hill Road</i>	Supervision	2.00	17,197,223.40	1,170
TOTAL			88.38	313,061,773.25	60,201

Source: Jamaica Social Investment Fund (JSIF)

Note:

- 1) GOJ - Government of Jamaica
- 2) CDB - Caribbean Development Bank
- 3) WB/NCDP - World Bank/ National Community Development Project
- 4) EU - European Union
- 5) The **Status** column provides information regarding where a sub-project is located along the project cycle. The project cycle utilised by JSIF is as follows:
 - a. Receipt of Application
 - b. Project Application Review
 - c. Project Development, Design and Review
 - d. Board Approval
 - e. Supervision/Implementation of Project
 - f. Practical Completion
 - g. Final Completion

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Table 4.20 JUTC Productivity (April 2003 to March 2004)

DEPOTS	Budgeted Vehicle Km for the Year	Actual Vehicle Km for the Year	Budgeted Service Km for the Year	Actual Service Km for the Year	Actual Dead Km	Avg. Bus Productivity*	Avg. Bus Utilization*
LYNDHURST	6,523,023.08	5,481,212.16	6,168,096.65	5,134,199.22	347,012.94	56,624.72	61,121.42
ASHENHEIM	7,744,307.05	6,650,126.61	7,360,837.00	6,274,034.55	376,092.06	63,082.04	67,221.80
PORTMORE	10,753,054.96	9,028,097.03	10,429,560.06	8,628,740.34	399,356.70	88,356.06	91,068.50
TWICKENHAM PARK	11,902,088.96	9,950,489.26	10,696,802.96	8,625,535.50	1,324,953.76	61,647.66	65,262.56
TOTAL/AVG.	36,922,474.05	31,109,925.06	34,655,296.67	28,662,509.61	2,447,415.46	67,014.77	70,902.93
SCHOOL BUS	182,926.00	168,936.10	171,340.00	155,624.10	13,312.00	38,906.03	38,906.03
SPECIAL SERVICE	119,582.00	93,222.94	107,900.00	81,275.50	11,947.44	40,637.75	40,637.75
PREMIUM	682,223.00	677,771.00	614,000.70	609,993.90	67,777.10	43,570.99	43,570.99
TOTAL/AVG.	37,907,205.05	32,049,855.10	35,548,537.37	29,509,403.11	2,540,452.00	65,912.70	69,556.64

Source: Jamaica Urban Transit Company Limited

* See Appendix I: Chart 1

- Notes:**
- (a) **Productivity** measures how well buses are being put to productive use.
 - (b) **Premium Service** relates to buses which are driver- operated only (no conductor), which have specific routes outside the Kingston Metropolitan Transport Region (KMTR). Higher rates are usually charged for services.
 - (c) **Special Service** refers to units for the disabled. Two (2) buses/units (#101 and 102) are in operation. There is a unit on the Harbour View to Papine route and the other on the Greater Portmore to Constant Spring route.

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Table 4.21 JUTC Vehicle Availability - Fleet Allocation and Utilization (April 2003 to March 2004)

DEPOTS	Actual Avg. Buses Disp. (Peak)	Avg. Fleet Allocation	Fleet Utiliz. % of Bus Allocated*	Avg. Availability of Fleet	Fleet Utiliz. % of Available Fleet*	Avg. Scheduled Buses (Peak)	% of Scheduled Buses Operated*	% of Available to Scheduled Buses
LYNDHURST	84	132	64%	91	93%	89	94%	102%
ASHENHEIM	94	151	62%	99	95%	97	97%	102%
PORTMORE	95	138	69%	98	97%	99	96%	99%
TWICKENHAM PARK	132	171	77%	140	94%	136	97%	103%
SUBTOTAL	405	592	68%	428	95%	421	96%	101.6%
SCHOOL BUS	4	4	100%	4	100%	4	100%	100%
SPECIAL SERVICE	2	2	100%	2	100%	2	100%	100%
PREMIUM	16	17	93%	16	100%	15	107%	107%
GRAND TOTAL	427	615	69%	450	95%	442	97%	102%

Source: Jamaica Urban Transit Company Limited

* See Appendix I: Chart 2

- Notes:
- (1) The Premium Express Routes operate from the Portmore Depot.
 - (2) Special Service buses operate from both the Portmore and Lyndhurst Depots.
 - (3) School Bus Services operate from both the Ashenheim and Portmore Depots.
 - (4) Special Service refers to buses/units for the disabled.

Table 4.22 Depots by Passenger Trips (Actual vs. Budgeted) and Passengers/km (April 2003 to March 2004)

DEPOTS	Budgeted Pass. Trips For The Year*	Actual Passenger Trips For The Year*	Carrying Capacity	Target % Load Factor	% Load Factor	Passengers per Vehicle Km	Passengers per Service Km
LYNDHURST	18,845,085	17,142,864	24,572,949	75%	70%	3	3
ASHENHEIM	25,385,619	23,921,318	46,720,380	75%	51%	4	4
PORTMORE	16,999,594	16,900,318	31,043,992	75%	54%	2	2
TWICKENHAM PARK	33,046,757	30,005,752	38,636,091	75%	78%	3	3
SUBTOTAL	94,277,055	87,970,252	139,046,810	75%	63%	3	3
SCHOOL BUS	226,415	284,954	749,551	75%	38%	2	2
SPECIAL SERVICE	21,545	32,510	132,584	75%	25%	0.3	0.4
PREMIUM	301,065	383,234	443,423	75%	86%	1	1
TOTAL/AVG.	94,826,080	88,670,950	140,372,368	75%	63%	3	3

Source: Jamaica Urban Transit Company Limited

* See Appendix I: Chart 3

Notes:

- *Passenger Trips are the number of passengers that pay a fare either directly by cash or through the use of smart card when travelling on the buses. The passengers who use the transfer system from bus to bus are also counted as additional passenger trips even though no additional fare is received.*
- *Special Service refers to buses/units for the disabled.*

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Table 4.23 Daily Cost of Buses vs. Fare Income (April 2003 to March 2004)

DEPOTS	Budgeted Buses (Peak)	Budgeted Fare Income per Bus per Day	Actual Fare Income per Bus per Day	Difference on Budget	Actual Cost per Bus per day (Excl. Corp. & Admin.)	Variance (Excl. Corp. & Admin.)	Actual Cost per Bus per day (Incl. Corp. & Admin.)	Variance (Incl. Corp. & Admin.)
LYNDHURST	84	16,411.22	15,254.81	- 1,156	22,664.47	-\$7,409.67	25,489.68	-\$10,234.87
ASHENHEIM	109	16,991.28	15,738.15	- 1,253	22,571.53	-\$6,833.38	25,497.82	-\$9,759.67
PORTMORE	112	14,016.39	13,489.66	- 527	21,390.50	-\$7,900.84	23,953.27	-\$10,463.61
TWICKENHAM PARK	139	18,686.95	16,892.71	- 1,794	20,688.82	-\$3,796.12	23,027.75	-\$6,135.04
TOTAL/AVG.	444	16,661.97	15,440.97	- 1,221	21,684.82	-\$6,243.85	24,311.91	-\$8,870.95
SCHOOL BUS	4	3,427.37	5,083.08	1,656	-	-	-	-
SPECIAL SERVICE	2	551.86	1,114.17	562	-	-	-	-
PREMIUM	15	6,289.03	8,306.37	2,017	9,515.28	-\$1,208.91	12,077.02	-\$3,770.64
TOTAL/AVG.	465	16,100.92	15,001.72	- 1,099	22,011.18	-\$7,009.46	23,828.34	-\$8,826.62

Source: Jamaica Urban Transit Company Limited

Table 4.24 JUTC Accidents to Vehicle Kilometre Ratio (April 2003 to March 2004)

DEPOTS	Vehicle km for the Year	Number of Accidents	Accidents to Vehicle km Ratio	Avg. Accidents per Bus
LYNDHURST	5,481,212	364	1:15,058	4.3
ASHENHEIM	6,650,127	324	1:20,525	3.4
PORTMORE	9,028,097	427	1:21,143	4.5
TWICKENHAM PARK	9,950,489	481	1:20,687	3.6
TOTAL/AVG.	31,109,925	1,596	1:19,492	3.9

Source: Jamaica Urban Transit Company Limited

* See Appendix I: Chart 4 and Chart 5

Note: Accidents to Vehicle km ratio is: For every X km the bus traveled there was an accident.

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Table 4.25 Montego Bay Metro Limited Operation Summary (April 2003 - March 2004)

Operations	April*	May	June	July	August	September	October	November	December	January	February	March	TOTAL
Passengers	-	-	-	49,628	28,188	55,863	56,991	40,674	30,446	37,497	33,261	44,091	376,639
Revenue ()	93,970.00	674,090.00	881,460.19	946,230.00	540,780.00	931,450.00	1,713,220.00	1,312,100.00	1,064,220.00	1,176,860.00	1,078,500.00	1,419,020.00	11,831,900.19
Total No. of Trips	-	-	-	-	-	-	-	-	-	689	695	826	2210**
Fuel Usage	2,025.40	16,438.70	15,740.80	16,332.30	9,660.50	13,874.20	20,893.70	15,120.50	14,843.60	17,065.95	15,617.97	19,135.01	176,748.63
Employees	25	25	25	25	25	25	25	25	25	28	28	28	28
Drivers	11	11	11	11	11	11	11	11	11	11	11	11	11
Conductors	3	3	3	3	3	3	3	3	3	3	3	3	3
Dispatchers	1	1	1	1	1	1	1	1	1	1	1	1	1
Inspectors	1	1	1	1	1	1	1	1	1	1	1	1	1
Others	9	9	9	9	9	9	9	9	9	12	12	12	12

Source: Montego Bay Metro Limited

* Figures are low for the month of April as there was a strike during this period.

** This figure is not representative of the total number of trips for the 2003-2004 period as data for the months April to December 2003 is unavailable.

Notes:

- **Fuel Usage** is measured in litres.
- **Others** refer to administrative staff.

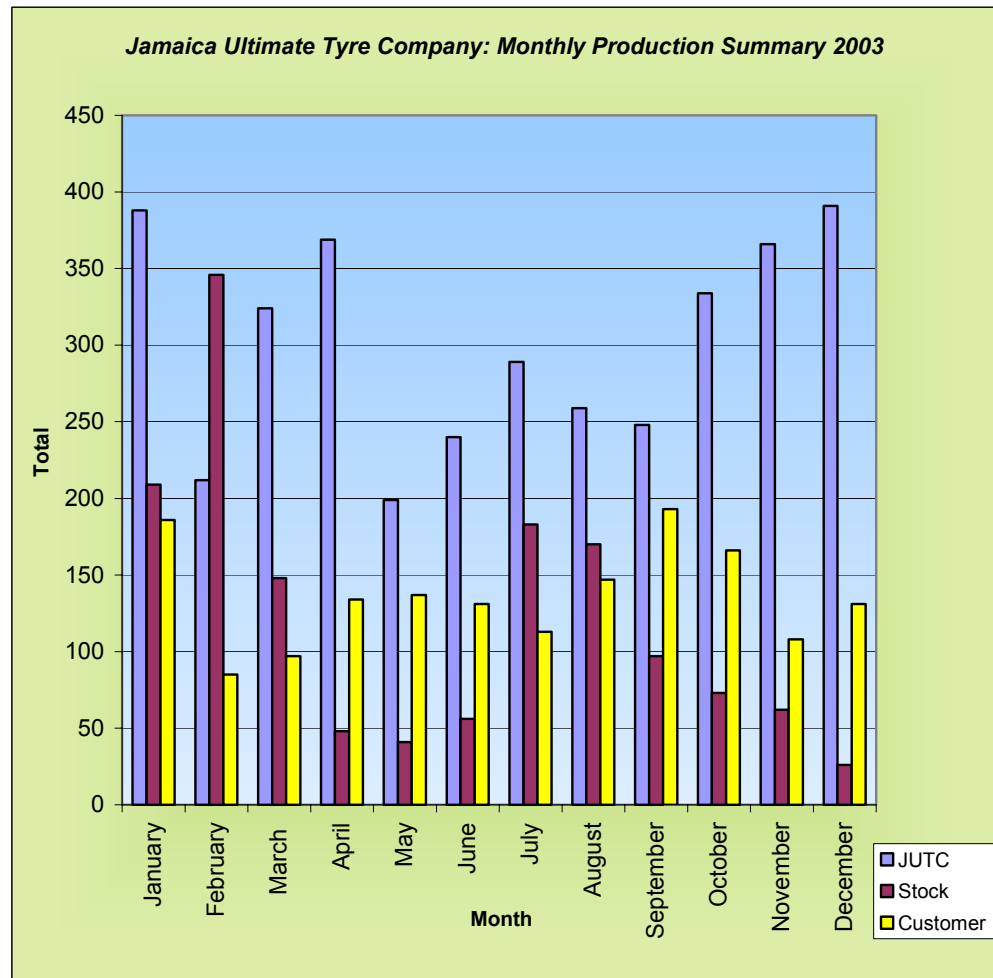
Montego Bay Metro Limited operates on three routes:

- (a) Cambridge, St. James to Montego Bay, St. James
- (b) Greenwood, St. James to Montego Bay, St. James
- (c) Sandy Bay, Hanover to Montego Bay, St. James

Table 4.26 Jamaica Ultimate Tyre Company: Monthly Tyre Production Summary 2003

Month	JUTC	Stock	Customer	TOTAL
January	388	209	186	783
February	212	346	85	643
March	324	148	97	569
April	369	48	134	551
May	199	41	137	377
June	240	56	131	427
July	289	183	113	585
August	259	170	147	576
September	248	97	193	538
October	334	73	166	573
November	366	62	108	536
December	391	26	131	548
TOTAL	3,619	1,459	1,628	6,706

Source: Jamaica Ultimate Tyre Company



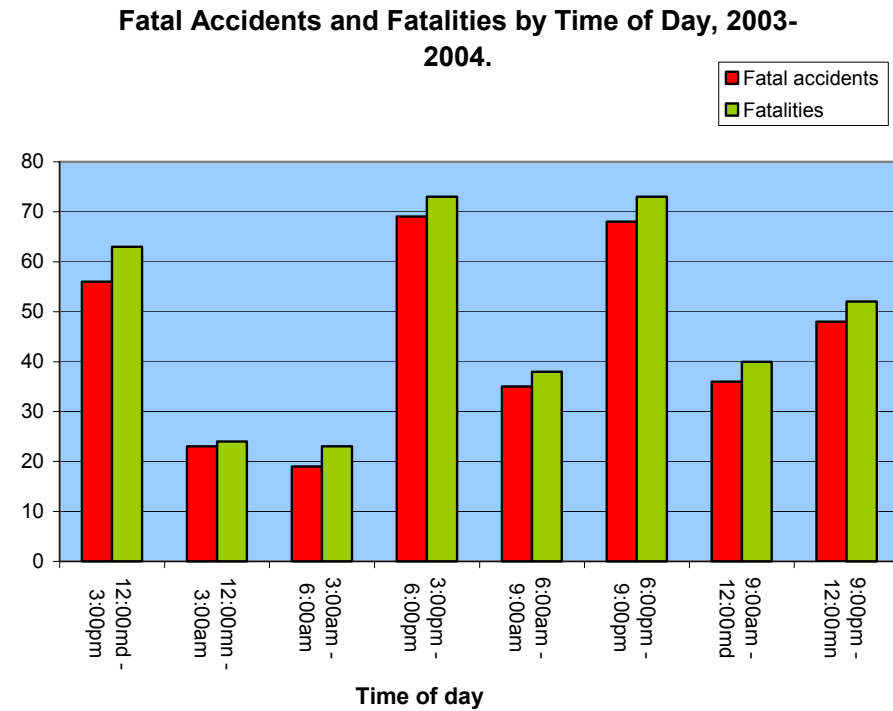
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Table 4.27 Fatal Accidents and Fatalities by Time of Day 2003/2004

<i>Time of Day</i>	<i>Fatal Accidents</i>	<i>Fatalities</i>
12:00md - 3:00pm	56	63
12:00mn - 3:00am	23	24
3:00am - 6:00am	19	23
3:00pm - 6:00pm	69	73
6:00am - 9:00am	35	38
6:00pm - 9:00pm	68	73
9:00am - 12:00md	36	40
9:00pm - 12:00mn	48	52
TOTAL	354	386

Source: Road Safety Unit

Note: md – Midday
mn - Midnight



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Table 4.28 Fatalities by Category of Road Users and Division (April 1, 2003 - March 31, 2004)

<i>Division</i>	<i>Ped</i>	<i>Ped Cyc</i>	<i>Motor Cyc</i>	<i>Pill Pass</i>	<i>PPV Pass</i>	<i>PMC Pass</i>	<i>CMC Pass</i>	<i>PPV Dri</i>	<i>PMC Dri</i>	<i>CMC Dri</i>	<i>TOTAL</i>
<i>Kingston Central</i>	2	3	0	0	0	0	0	0	0	0	5
<i>Kingston Eastern</i>	2	2	0	0	0	1	0	0	1	0	6
<i>Kingston Western</i>	2	2	1	0	0	2	0	0	0	0	7
<i>St. Andrew North</i>	1	0	3	0	1	1	1	0	3	0	10
<i>St. Andrew Central</i>	8	0	6	0	0	2	0	0	2	1	19
<i>St. Andrew South</i>	14	8	5	0	0	4	0	0	1	0	32
<i>St. Catherine North</i>	12	5	0	0	4	2	0	3	4	0	30
<i>St. Catherine South</i>	10	8	4	0	0	7	0	0	7	0	36
<i>St. James</i>	8	2	1	0	2	8	1	3	5	1	31
<i>Hanover</i>	5	2	1	0	1	6	0	3	5	1	24
<i>Westmoreland</i>	2	4	6	2	4	5	1	1	2	2	29
<i>Trelawny</i>	1	0	1	1	0	4	1	0	0	0	8
<i>St. Ann</i>	6	3	1	0	0	4	0	0	3	0	17
<i>St. Mary</i>	3	0	0	0	2	3	0	0	0	0	8
<i>Portland</i>	5	0	1	0	0	0	0	0	2	0	8
<i>St. Elizabeth</i>	7	3	3	1	1	4	2	1	7	0	29
<i>Clarendon</i>	10	7	4	2	1	5	1	0	10	4	44
<i>Manchester</i>	9	3	1	0	2	5	4	1	7	1	33
<i>St. Thomas</i>	4	0	2	0	0	1	0	0	3	0	10
TOTAL	111	52	40	6	18	64	11	12	62	10	386

Source: Road Safety Unit

See Appendix I: Chart 6 and Chart 7

CMC - Commercial Motor Vehicles

Motor Cyc - Motor Cyclist

Ped - Pedestrian

Ped Cyc - Pedal Cyclist

PMC Pass - private motor vehicle passengers

PPV Pass - public passenger vehicle passengers

PPV Dri - public passenger vehicle drivers

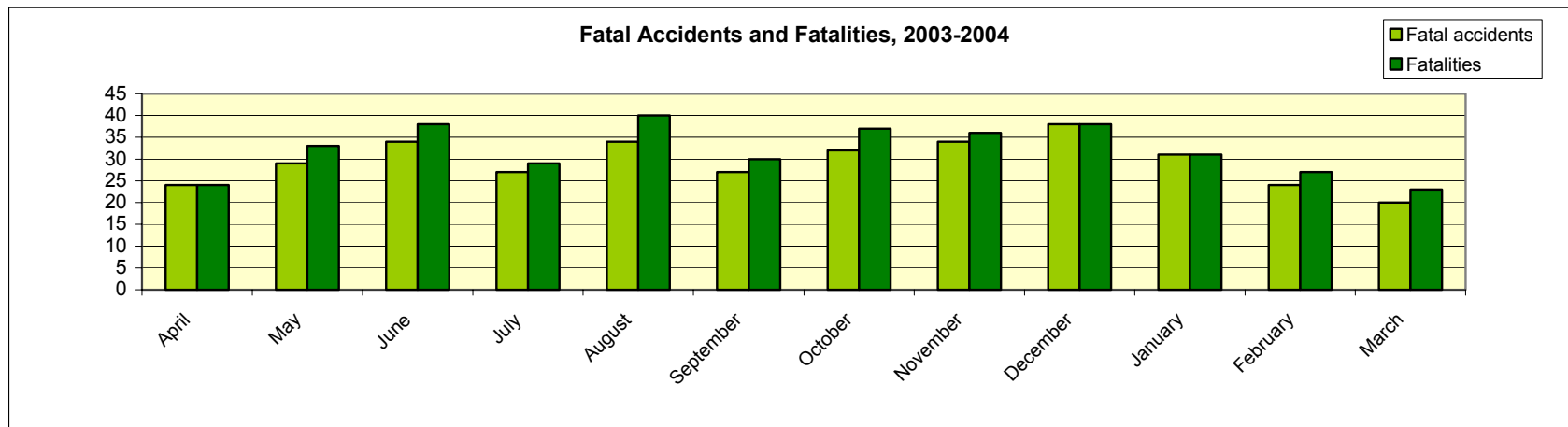
PMC Dri - private motor vehicle drivers

Pill Pass - Pillion Passenger; passengers on motorcycle or bicycle

Table 4.29 Fatal Accidents and Fatalities by Month 2003-2004

Month	Fatal Accidents	Fatalities
April	24	24
May	29	33
June	34	38
July	27	29
August	34	40
September	27	30
October	32	37
November	34	36
December	38	38
January	31	31
February	24	27
March	20	23
TOTAL	354	386

Source: Road Safety Unit



SECTION FOUR: Land Transport Statistics

Table 4.30 Fatalities by Category of Road Users 2003-2004

Category	Number	Percentage (%)
Pedestrians	111	29%
Pedal Cyclists	52	13%
Motor Cyclists	40	10%
Pillion Passengers	6	2%
PPV Passengers	18	5%
PMC Passengers	64	17%
CMC Passengers	11	3%
PPV Drivers	12	3%
PMC Drivers	62	16%
CMC Drivers	10	3%
TOTAL	386	100%

Source: Road Safety Unit

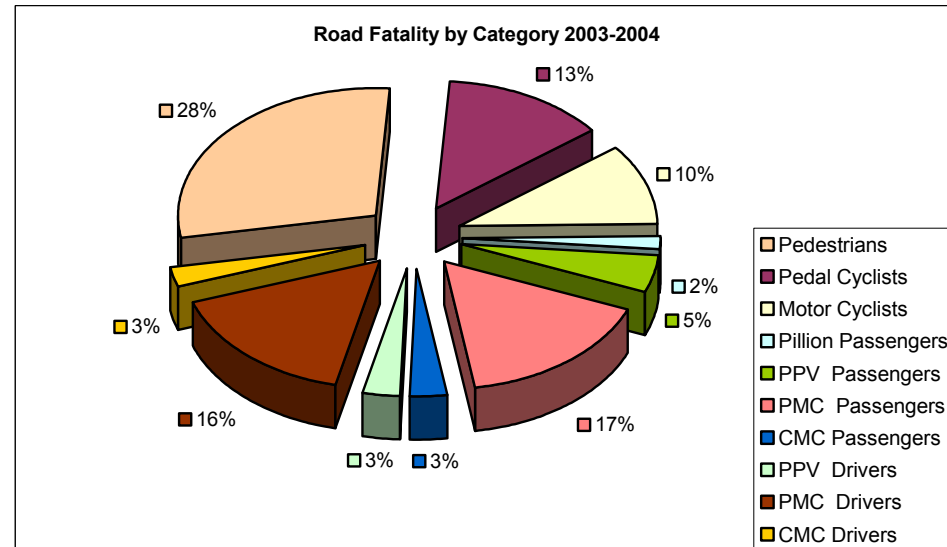


Table 4.31 Fatalities by Gender of Road Users 2003-2004

Gender	Number	Percentage (%)
Male	315	81.6
Female	71	18.4
TOTAL	386	100

Source: Road Safety Unit

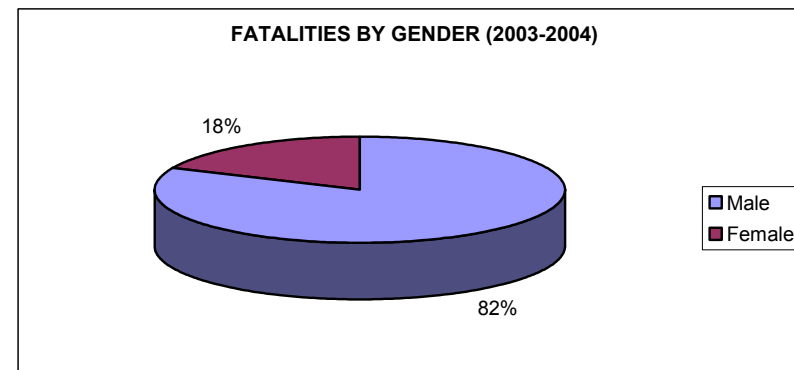
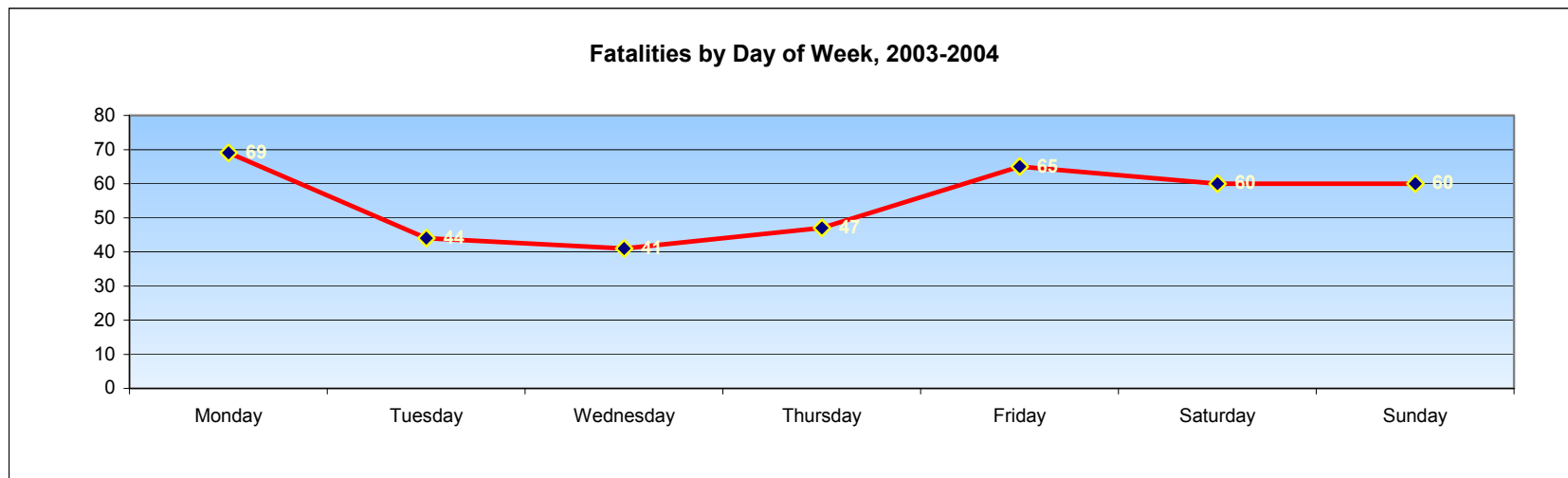


Table 4.32 Fatalities by Day of Week, 2003-2004

Day of Week	Number of Fatalities	Percentage (%)
Monday	69	18%
Tuesday	44	11%
Wednesday	41	11%
Thursday	47	12%
Friday	65	17%
Saturday	60	16%
Sunday	60	16%
TOTAL	386	100%

Source: Road Safety Unit



SECTION FOUR: Land Transport Statistics

Table 4.33 Fatalities by Division 2003-2004

Division	Number of Fatalities	Percentage (%)
Clarendon	44	11%
Hanover	24	6%
Kingston Central	5	1%
Kingston Eastern	6	2%
Kingston Western	7	2%
Manchester	33	9%
Portland	8	2%
St. Andrew Central	19	5%
St. Andrew North	10	3%
St. Andrew South	32	8%
St. Ann	17	4%
St. Catherine North	30	8%
St. Catherine South	40	10%
St. Elizabeth	29	8%
St. James	27	7%
St. Mary	8	2%
St. Thomas	10	3%
Trelawny	8	2%
Westmoreland	29	8%
TOTAL	386	100%

Source: Road Safety Unit

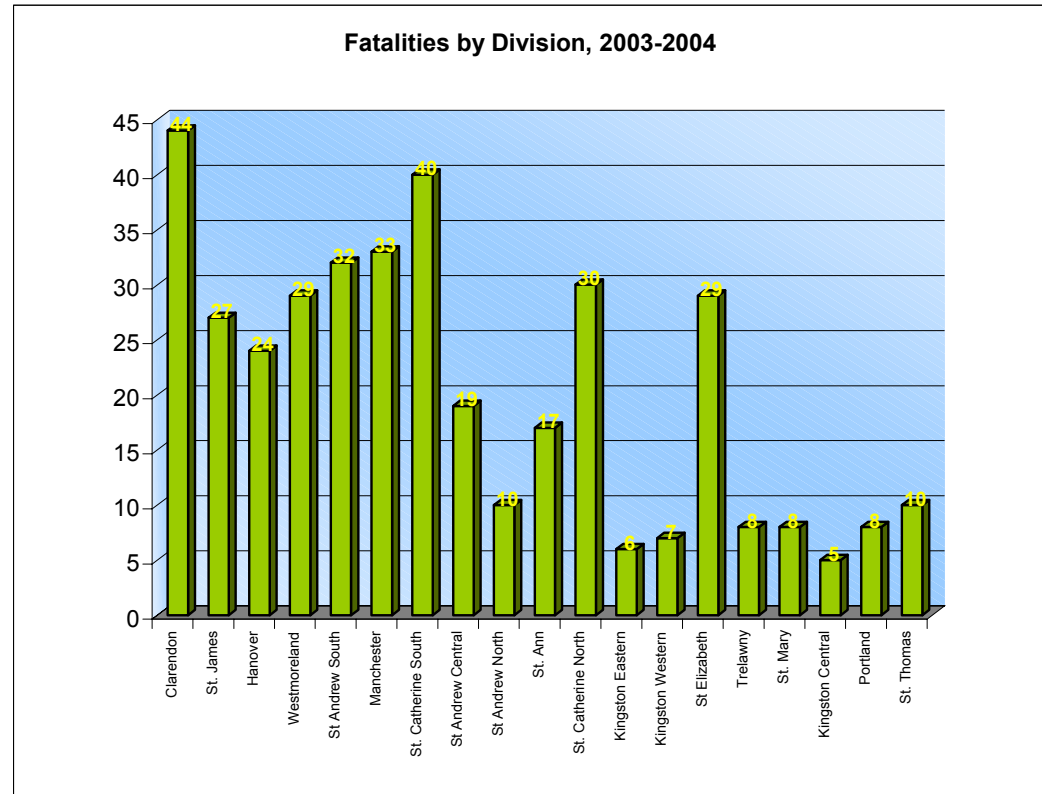


Table 4.34 Fatalities by Age Group 2003-2004

Age Group	Number of Fatalities	Percentage (%)
Unknown	26	7%
0-5	10	3%
06-10	16	4%
11-15	23	6%
16-20	27	7%
21-25	45	12%
26-30	34	9%
31-35	42	11%
36-40	31	8%
41-45	27	7%
46-50	24	6%
51-55	16	4%
56-60	18	5%
61 and over	47	12%
TOTAL	386	100%

Source: Road Safety Unit

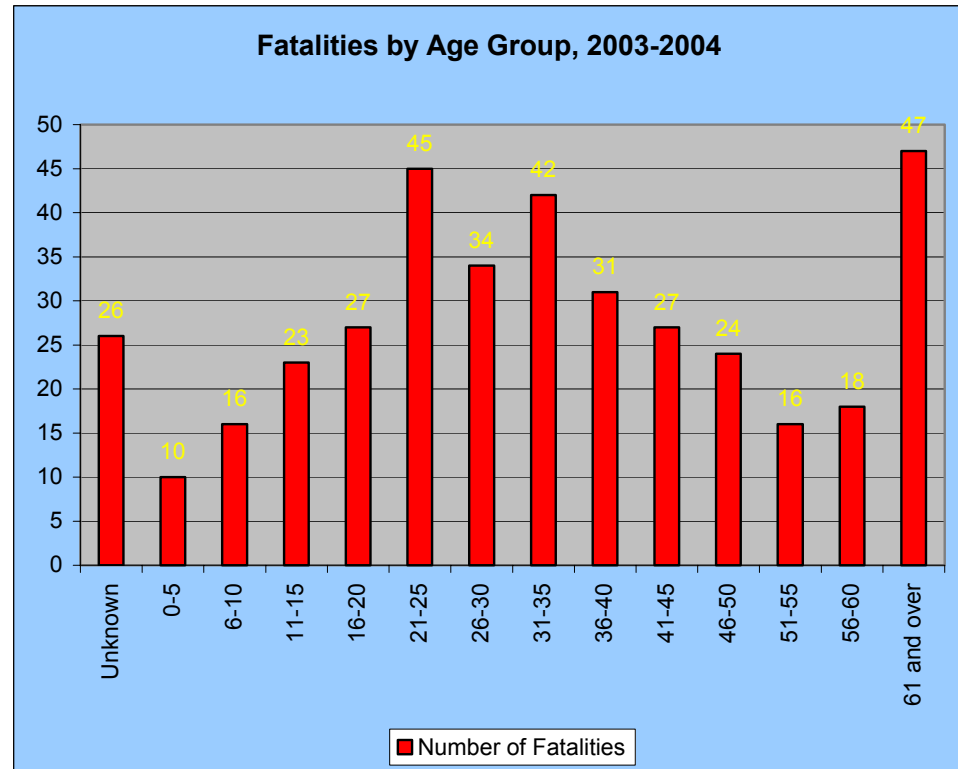


Table 4.35 Child Fatalities by Division and Age Group 2003-2004

<i>Division</i>	<i>Age Group</i>			<i>TOTAL</i>
	<u>00-05</u>	<u>06-10</u>	<u>11-15</u>	
<i>Clarendon</i>	0	1	2	3
<i>Hanover</i>	1	1	1	3
<i>Manchester</i>	1	2	2	5
<i>St. Andrew Central</i>	0	2	1	3
<i>St. Andrew South</i>	1	1	4	6
<i>St. Ann</i>	0	1	1	2
<i>St. Catherine North</i>	2	0	3	5
<i>St. Catherine South</i>	2	0	2	4
<i>St. Elizabeth</i>	1	3	3	7
<i>St. James</i>	0	1	0	1
<i>St. Mary</i>	1	1	0	2
<i>St. Thomas</i>	0	2	1	3
<i>Trelawny</i>	0	1	0	1
<i>Westmoreland</i>	1	0	3	4
TOTAL	10	16	23	49

Source: Road Safety Unit

See Appendix I: Chart 8

Table 4.36 Child Fatalities by Category of Road Users and Age Group 2003-2004

Category	Age Group			TOTAL
	<u>00-05</u>	<u>06-10</u>	<u>11-15</u>	
<i>Pedestrians</i>	2	13	14	29
<i>CMC Passengers</i>	0	1	1	2
<i>PMC Passengers</i>	7	0	3	10
<i>PPV Passengers</i>	1	0	2	3
<i>Pedal cyclists</i>	0	2	3	5
TOTAL	10	16	23	49

Source: Road Safety Unit

Table 4.37 Child Fatalities by Gender of Road Users and Age Group 2003-2004

Age Group	Male	Female	TOTAL
<i>00-05</i>	6	4	10
<i>06-10</i>	10	6	16
<i>11-15</i>	14	9	23
TOTAL	30	19	49

Source: Road Safety Unit

SECTION FOUR: Land Transport Statistics

Table 4.38 Causes of Accidents 2000 – 2003

Cause of Accident	2000		2001		2002		2003	
	Accidents	%	Accidents	%	Accidents	%	Accidents	%
<i>Apparent error of judgment/ negligence</i>	2,030	18%	2,800	20%	330	3%	276	2%
<i>Following too closely</i>	1,079	10%	1339	9%	2021	17%	2,180	17%
<i>Turning without due care</i>	713	6%	817	6%	583	5%	501	4%
<i>Misjudging clearance/distance</i>	869	8%	1009	7%	395	3%	321	3%
<i>Crossing heedlessly</i>	384	3%	571	4%	615	5%	729	6%
<i>Losing control</i>	920	8%	1250	9%	456	4%	363	3%
<i>Failing to keep to near side</i>	481	4%	731	5%	1036	8%	1011	8%
<i>Excessive speed</i>	597	5%	689	5%	477	4%	530	4%
<i>Improper overtaking</i>	491	4%	601	4%	730	6%	744	6%
<i>Improper change of lane</i>	677	6%	873	6%	385	3%	296	2%
<i>Disobeying stop signs</i>	698	6%	0	0%	0	0%	0	0%
<i>Skidding</i>	200	2%	290	2%	187	2%	224	2%
<i>Disobeying traffic light</i>	740	7%	1560	11%	420	3%	473	4%
<i>Defective vehicle</i>	238	2%	433	3%	131	1%	75	1%
<i>Under influence of alcohol</i>	66	1%	85	1%	10	0%	5	0%
<i>Road bad/not maintained</i>	280	3%	390	3%	29	0%	28	0%
<i>Unknown</i>	0	0%	0	0%	35	0%	1809	14%
<i>Other factors</i>	109	1%	189	1%	4318	35%	2776	22%
<i>Pedestrian walk/run road off footpath</i>	0	0%	0	0%	0	0%	218	2%
<i>Disobeying pedestrian crossing</i>	573	5%	630	4%	72	1%	26	0%
TOTAL	11,145	100%	14,257	100%	12,230	100%	12,585	100%

Source: Road Safety Unit

SECTION FOUR: Land Transport Statistics

Table 4.39 **Traffic Accidents by Division and Severity 2003-2004**

<i>Parish/Division</i>	<i>Fatal</i>	<i>Serious</i>	<i>Minor</i>	<i>Damage Only</i>	<i>TOTAL</i>
<i>Clarendon</i>	36	49	100	299	484
<i>Hanover</i>	18	36	14	50	118
<i>Kingston Central</i>	4	60	37	545	646
<i>Kingston Eastern</i>	4	33	44	255	336
<i>Kingston Western</i>	7	13	11	137	168
<i>Manchester</i>	25	100	193	813	1,131
<i>Portland</i>	10	29	43	152	234
<i>St. Andrew Central</i>	27	42	98	1,813	1,980
<i>St. Andrew North</i>	12	19	88	1,280	1,399
<i>St. Andrew South</i>	27	139	248	1,553	1,967
<i>St. Ann</i>	16	144	127	684	971
<i>St. Catherine North</i>	30	64	139	392	625
<i>St. Catherine South</i>	41	56	85	455	637
<i>St. Elizabeth</i>	30	9	41	131	211
<i>St. James</i>	22	60	91	329	502
<i>St. Mary</i>	6	42	109	287	444
<i>St. Thomas</i>	6	39	54	117	216
<i>Trelawny</i>	6	32	22	168	228
<i>Westmoreland</i>	27	61	41	159	288
TOTAL	354	1,027	1,585	9,619	12,585

Source: Road Safety Unit

Table 4.40 Casualties by Division and Degree of Injury (January to December 2003)

<i>Division/Parish</i>	<i>Fatal</i>	<i>Serious</i>	<i>Minor</i>	<i>TOTAL</i>
<i>Clarendon</i>	40	64	140	244
<i>Hanover</i>	20	58	39	117
<i>Kingston Central</i>	4	73	50	127
<i>Kingston Eastern</i>	4	58	84	146
<i>Kingston Western</i>	7	19	22	48
<i>Manchester</i>	28	144	334	506
<i>Portland</i>	11	39	62	112
<i>St. Andrew Central</i>	27	52	109	188
<i>St. Andrew North</i>	14	30	120	164
<i>St. Andrew South</i>	29	156	302	487
<i>St. Ann</i>	18	234	277	529
<i>St. Catherine North</i>	34	97	250	381
<i>St. Catherine South</i>	44	66	138	248
<i>St. Elizabeth</i>	32	13	75	120
<i>St. James</i>	24	81	190	295
<i>St. Mary</i>	6	61	200	267
<i>St. Thomas</i>	9	49	92	150
<i>Trelawny</i>	8	36	36	80
<i>Westmoreland</i>	32	118	73	223
TOTAL	391	1,448	2,593	4,432

Source: Road Safety Unit

Table 4.41 **Casualties by Division and Degree of Injury (April 2003-March 2004)**

<i>Division</i>	<i>Fatal</i>	<i>Serious</i>	<i>Minor</i>	<i>TOTAL</i>
<i>Clarendon</i>	44	66	158	268
<i>Hanover</i>	24	66	29	119
<i>Kingston Central</i>	5	45	63	113
<i>Kingston Eastern</i>	6	51	91	148
<i>Kingston Western</i>	7	17	27	51
<i>Manchester</i>	33	146	371	550
<i>Portland</i>	8	30	73	111
<i>St. Andrew Central</i>	19	60	131	210
<i>St. Andrew North</i>	10	22	107	139
<i>St. Andrew South</i>	32	119	294	445
<i>St. Ann</i>	17	215	341	573
<i>St. Catherine North</i>	30	93	224	347
<i>St. Catherine South</i>	40	69	168	277
<i>St. Elizabeth</i>	29	13	78	120
<i>St. James</i>	27	80	199	306
<i>St. Mary</i>	8	83	190	281
<i>St. Thomas</i>	10	46	100	156
<i>Trelawny</i>	8	38	48	94
<i>Westmoreland</i>	29	117	84	230
TOTAL	386	1,376	2,776	4,538

Source: Road Safety Unit

URBAN ROAD TRANSPORT STUDIES: OBSERVATION RESEARCH

Study A: Gender Distribution by Transport Mode

In January 2004, the Ministry of Transport and Works conducted a survey in the New Kingston and Half-Way-Tree areas of St. Andrew to ascertain the distribution between male and female drivers and passengers. The modes of transportation investigated were vehicular (cars, buses, taxis, motorbikes, bicycles) and pedestrian activity. For each mode, the observer was required to record the movement of drivers, passengers and pedestrians. The findings of the research are presented for the information of the reader.

Study B: Junction Boxes

In December 2002, the National Works Agency (NWA) implemented a measure – the Junction Box, – which was designed to keep the flow of traffic moving, hence allowing for the junction/intersection to remain clear of blockages due to vehicles stopping in the path of crossing vehicles. These junction boxes consist of yellow diagonal shaped markings, painted in a 'box-shape' across intersections. The measure was initially implemented at five major intersections in the Corporate Area, namely:

- Hope Road/Trafalgar Road/Waterloo Road
- Half Way Tree Road/Hope Road/Constant Spring Road
- Eastwood Park Road/Molynes Road/South Odeon Avenue
- Hagley Park Road/Maxfield Avenue/Eastwood Park Road
- Constant Spring Road/South Odeon Avenue

Later, other junction boxes were implemented at the Trafalgar Road/Knutsford Boulevard and Molynes Road/Washington Boulevard intersections. In January 2004, a survey was carried out in Half-Way-Tree to garner the general level of public awareness about these junction boxes.

Table 4.42 Gender Distribution by Transport Mode (Study A)

Road User Type	Male	Female
Pedestrian	655	433
Car Driver	273	180
Car Passenger	193	222
Bus Passenger	151	210
Bus Driver	61	0
Motorbike Rider	69	0
Taxi Passenger	60	103
Bicycle Rider	46	0
Taxi Driver	45	0
Motorbike Passenger	5	1
Bicycle Passenger	0	0
TOTAL	1,558	1,149

Source: Technical Services Unit, Ministry of Transport and Works

Note: Survey was conducted January 2004 in Half Way Tree and New Kingston.

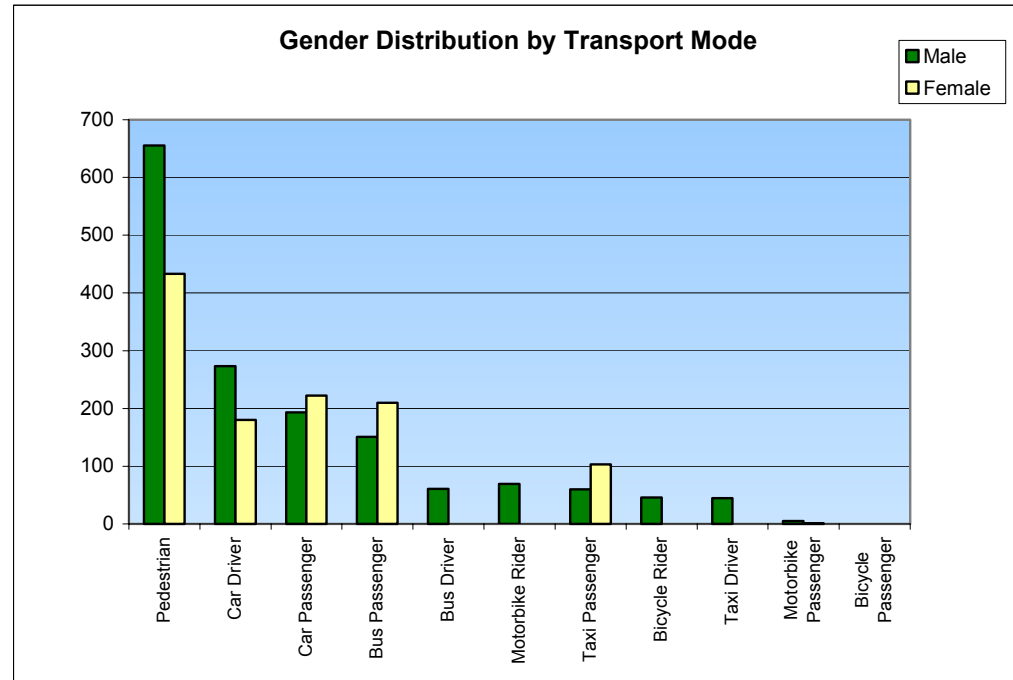
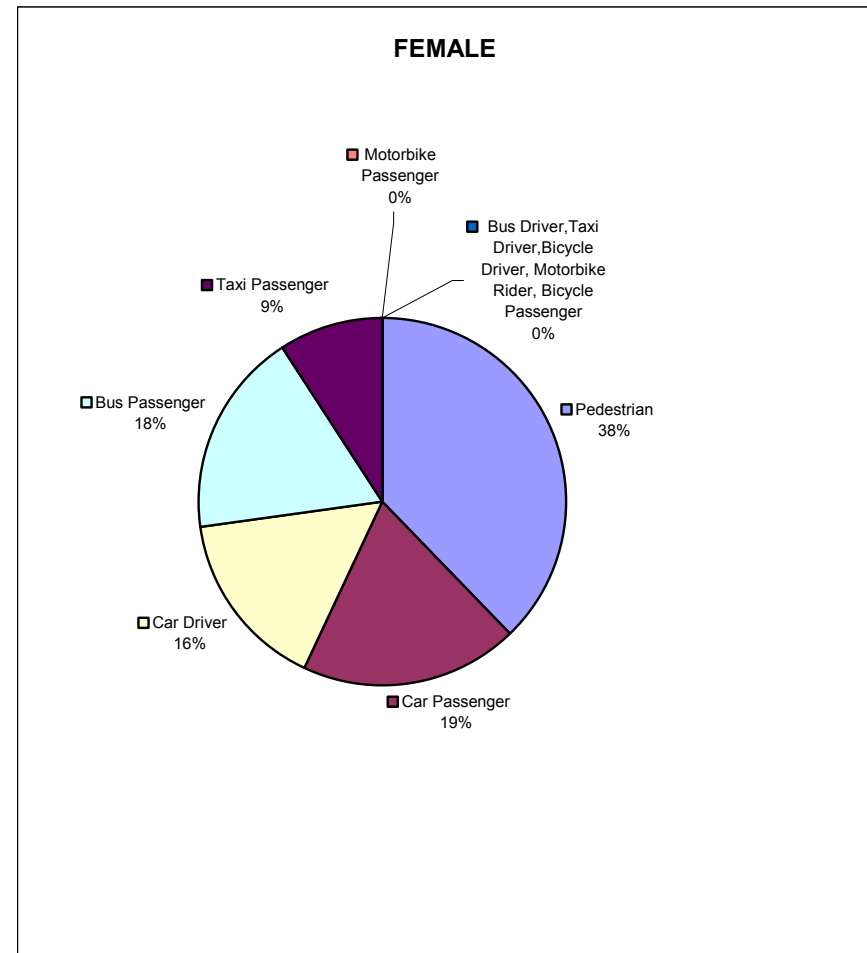
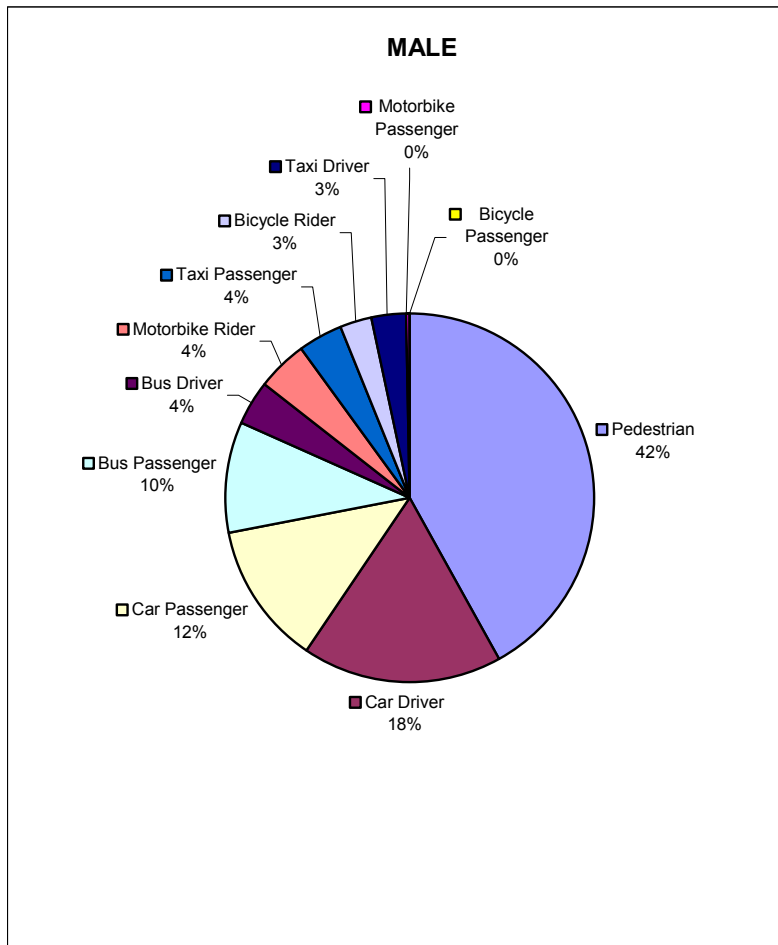


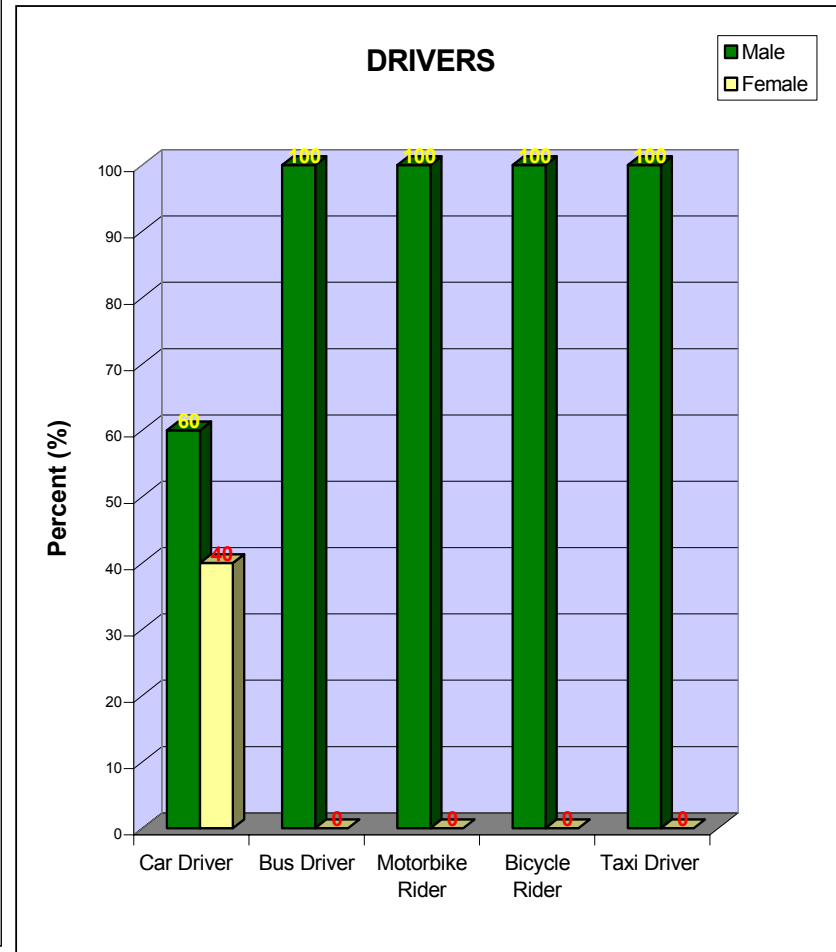
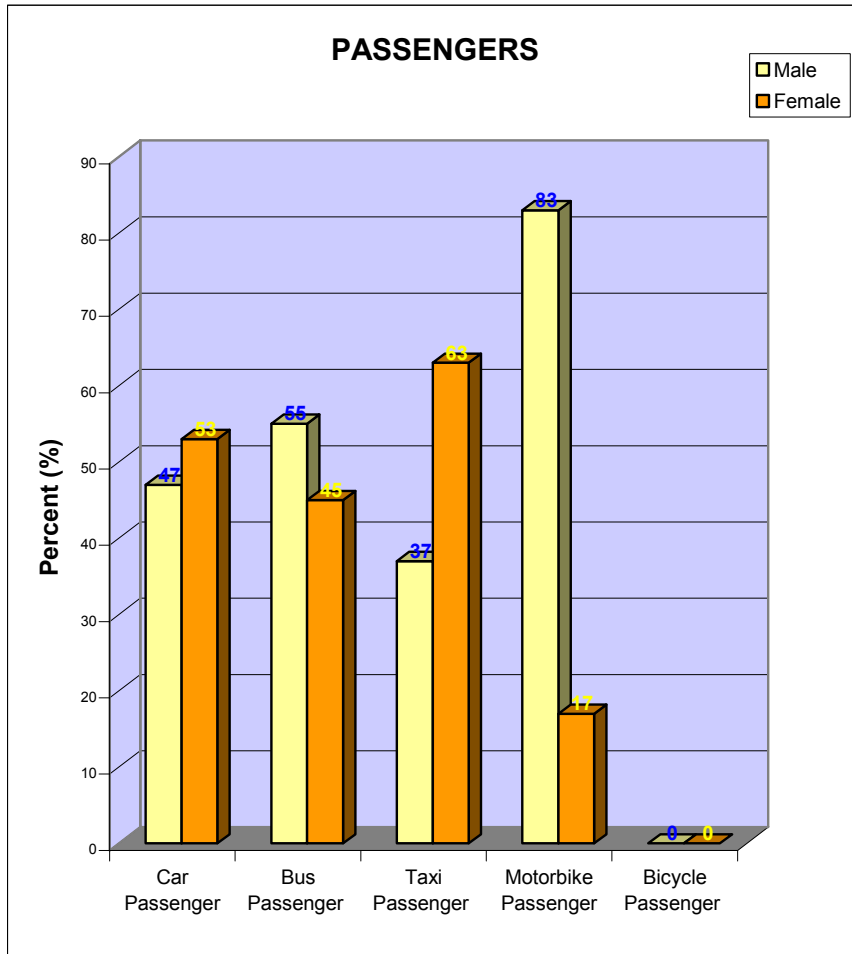
Diagram 4.42a

Transport Mode Distribution by Gender



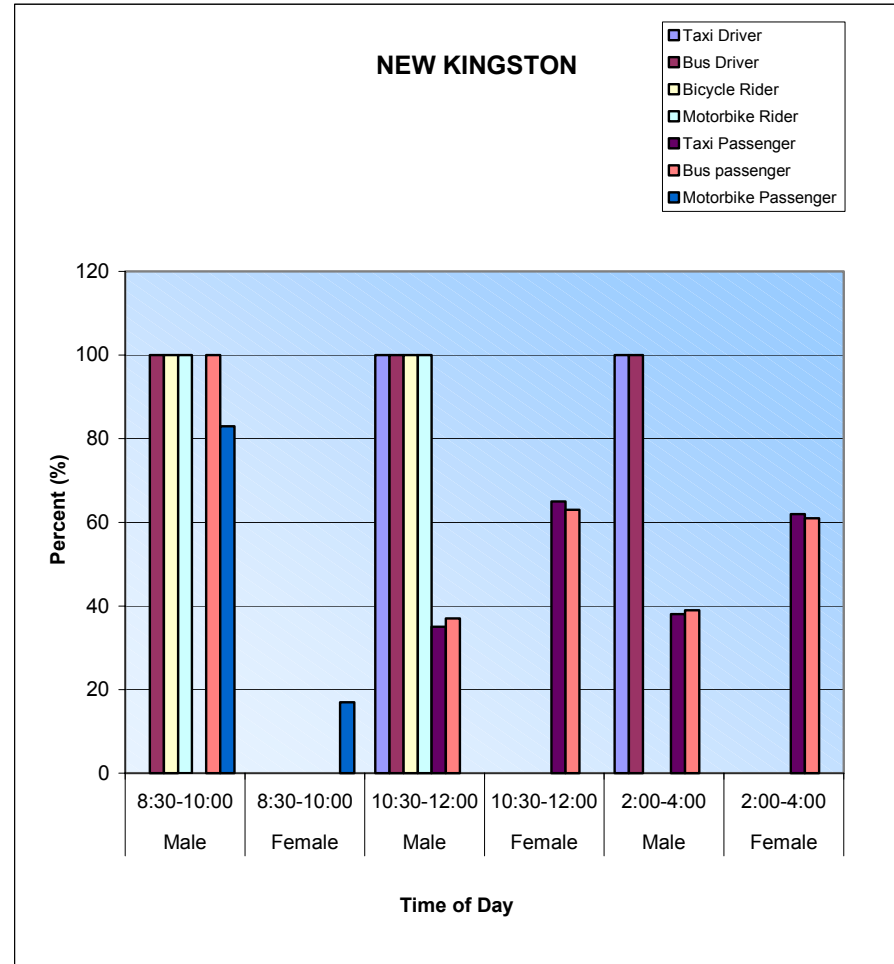
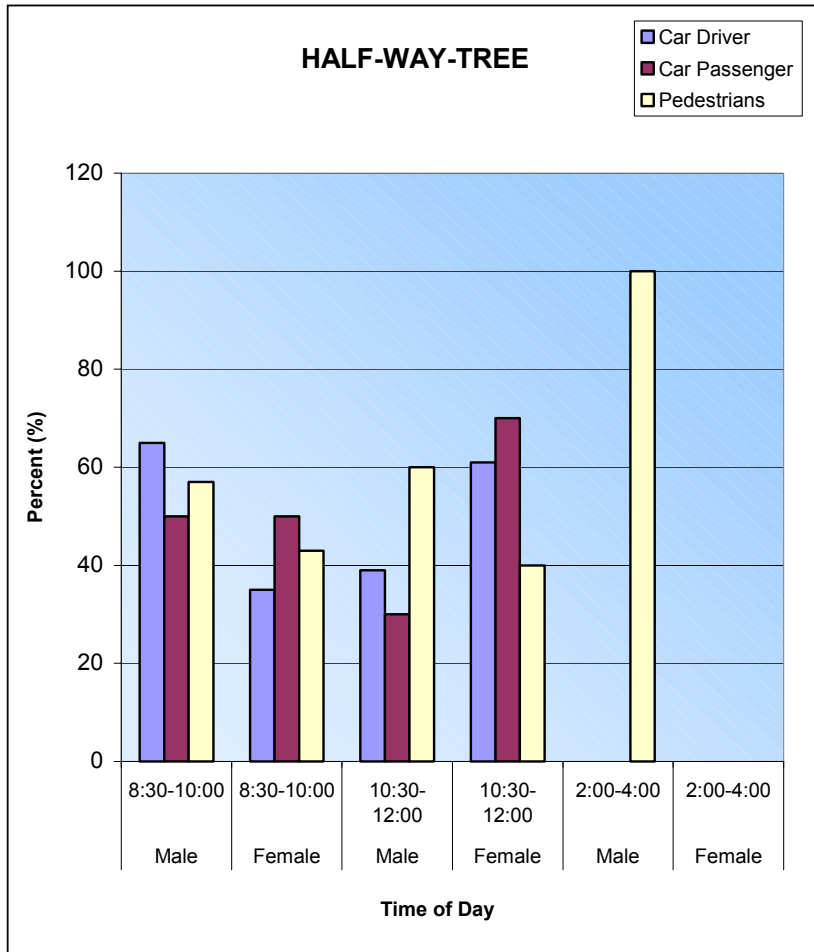
Source: Technical Services Unit, Ministry of Transport and Works

Diagram 4.42b Gender Distribution by Transport Mode: Drivers and Passengers



Source: Technical Services Unit, Ministry of Transport and Works

Diagram 4.42c Gender Survey: Variation by Time of Day



Source: Technical Services Unit, Ministry of Transport and Works

Table 4.43 Level of Public Awareness of Junction Boxes (Study B)

Item	Regular Drivers	Occasional Drivers	Non-Drivers	TOTAL
Number of persons interviewed	50	15	28	93
Have prior knowledge of junction box and its use	48 (96%)	10 (66%)	14 (50%)	72
Find Junction Box effective	43 (86%)	9 (60%)	24 (85%)	76

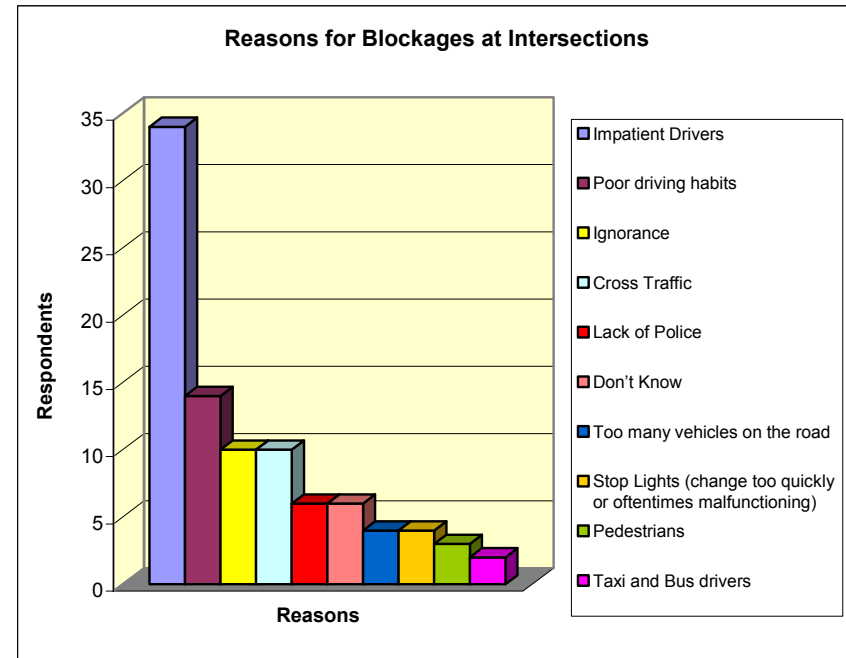
Source: Technical Services Unit, Ministry of Transport and Works

Table 4.43b Reasons for Blockages at Intersections

Reason	Number of Respondents
Impatient Drivers	34
Poor driving habits	14
Ignorance	10
Cross Traffic	10
Lack of Police	6
Don't Know	6
Too many vehicles on the road	4
Stop Lights (change too quickly or oftentimes malfunctioning)	4
Pedestrians	3
Taxi and Bus drivers	2
TOTAL	93

Source: Technical services Unit, Ministry of Transport and Works

Note: This table shows respondents' views on the reasons for blockages at intersections.



SECTION FIVE: Maritime Transport Statistics



Table 5.0 MAJ Performance Indicators 2003-2004

<i>Performance Indicator</i>	<i>2003-2004</i>
<i>VESSEL REGISTRATION</i>	
<i>No. Vessels over 24 metres Registered</i>	9
<i>No. Small Vessels Registered</i>	138
<i>VESSEL SAFETY CERTIFICATION *</i>	
<i>No. Vessel Safety Inspections</i>	1258
<i>NO. PORT STATE CONTROL INSPECTIONS</i>	
<i>Percentage (%) Visiting Vessels Inspected**</i>	Over 15% (75 vessels)
<i>CERTIFICATION OF SEAFARERS</i>	
<i>No. Endorsements of Certificates of Competency</i>	7
<i>No. New Certificates of Competency Issued</i>	26
<i>No. Examinations conducted for CMI</i>	128
<i>NO. CASUALTY INVESTIGATIONS</i>	
<i>Major Investigations</i>	1
<i>LICENSING OF BOAT HANDLERS</i>	
<i>No. Coxwain Licenses Issued</i>	52

Source: Annual Corporate Performance Statistics, Maritime Authority of Jamaica

* The Maritime Authority of Jamaica (MAJ) issues vessel safety certificates, which are renewable annually after an inspection.

** The Caribbean Port State Control Memorandum of Understanding requires that a minimum of 15% of visiting foreign vessels are inspected for conformity to international and local maritime standards for safety, security and environmental protection.

Table 5.1 Caribbean Maritime Institute: Statistics on Enrollment for the Academic Year 2003-2004

Programme	2003-2004
<i>Diploma in International Shipping and Logistics (DISL) – Full-time</i>	24
<i>Diploma in International Shipping & Logistics (DISL) – Part-time</i>	6
<i>Pre-Sea Nautical (PSN)</i>	13
<i>Pre-Sea Marine Engineering (PSME)</i>	11
<i>Preliminary Course of Studies (PCS)</i>	19
<i>Pre-Engineering (PEC)</i>	11
<i>Associate Degree in Industrial Systems Operation & Maintenance (A Sc ISOM) – Full-time</i>	18
<i>Associate Degree in Industrial Systems Operation & Maintenance (A Sc ISOM) – Part-time</i>	11
<i>Officer in Charge of an Engineering Watch (OiCEW) – Phase III</i>	9
<i>Officer in Charge of an Navigational Watch (OiCEW) – Phase III</i>	9
<i>Multi-Purpose Rating III (MPR III)</i>	45
TOTAL	176

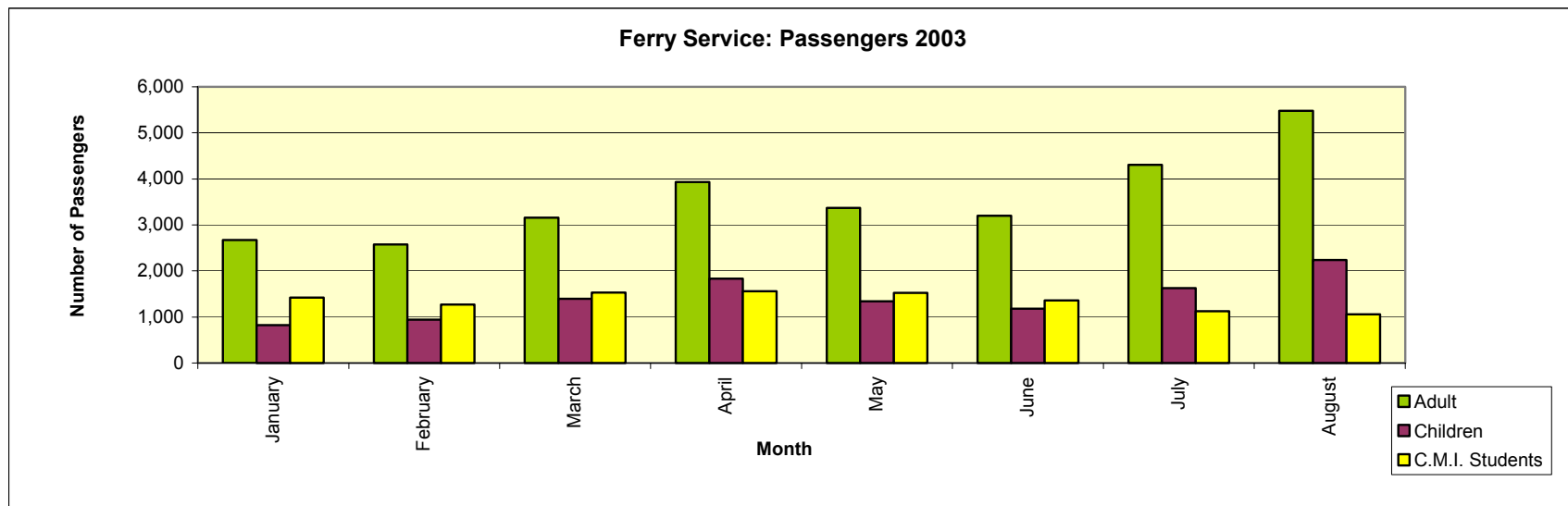
Source: Caribbean Maritime Institute

Table 5.2 Operations of the Port Royal Ferry Service (January –August 2003)*

Passenger	January	February	March	April	May	June	July	August	TOTAL
Adult	2,673	2,576	3,156	3,932	3,366	3,201	4,304	5,480	28,688
Children	824	944	1,396	1,832	1,344	1,180	1,628	2,237	11,385
C.M.I. Students	1,422	1,271	1,528	1,558	1,523	1,361	1,128	1,056	10,847
Collection ()	104,970.00	89,240.00	118,920.00	143,350.00	123,850.00	114,605.00	134,330.00	182,475.00	1,011,740.00
Fuel Cost ()	106,281.95	186,178.11	169,694.17	186,674.07	162,836.68	148,831.64	152,566.30	163,445.75	1,276,508.67

Source: Port Authority of Jamaica

* The operations of the ferry service under the Port Authority of Jamaica (PAJ) terminated August 31, 2003. Operations later resumed under the auspices of a private entity.



SECTION FIVE: Marine Transport Statistics

Table 5.3 Number of Ships by Port Distribution 2003

Month	Total All Ports	Kingston	Total Outports	Port Rhodes	Port Kaiser	Port Esquivel	Rocky Point	Ocho Rios	Montego Bay	Port Antonio	Lucea	Rio Bueno	Other Ports
January	333	204	129	10	9	16	6	35	45	5	0	2	1
February	324	203	121	9	9	13	4	37	43	4	0	0	2
March	346	207	139	9	9	18	8	43	46	4	1	1	0
Total 1st Quarter	1,003	614	389	28	27	47	18	115	134	13	1	3	3
1 st Quarter 2002	914	589	325	31	25	29	17	92	114	15	0	2	0
April	320	203	117	12	10	15	4	32	39	4	0	1	0
May	302	210	92	9	7	16	6	20	29	5	0	0	0
June	315	224	91	8	8	18	9	18	24	5	0	1	0
Total 2nd Quarter	937	637	300	29	25	49	19	70	92	14	0	2	0
2 nd Quarter 2002	919	636	283	26	23	34	19	73	87	14	1	6	0
July	322	217	105	10	10	19	6	24	30	5	0	1	0
August	311	219	92	11	8	17	7	16	24	5	1	1	2
September	314	213	101	8	12	20	7	23	26	4	0	0	1
Total 3rd Quarter	947	649	298	29	30	56	20	63	80	14	1	2	3
3 rd Quarter 2002	911	642	269	28	23	40	22	58	79	15	0	4	0
October	332	218	114	13	9	15	6	32	32	5	0	1	1
November	305	199	160	7	10	10	6	31	34	6	0	1	1
December	341	214	127	8	9	16	5	34	48	6	0	1	0
Total 4th Quarter	978	631	347	28	28	41	17	97	114	17	0	3	2
4 th Quarter 2002	1,008	653	355	33	26	56	21	83	108	15	0	5	8
GRAND TOTAL	3,865	2,531	1,334	144	110	193	74	345	420	58	2	10	8

Source: - Port Statistics Jamaica (January to December 2003), The Port Authority of Jamaica

SECTION FIVE: Marine Transport Statistics

Table 5.4 Number Of Ships By Type & Port Distribution 2003

Month	Total All Ports	Cargo Vessels				Cruise Vessels					Other Vessels		
		Total	Kingston	Mo-Bay	Other Ports	Total	Kingston	Mo-Bay	Port Antonio	Ocho Rios	Total	Kingston	Other Ports
January	333	262	194	20	48	60	0	25	0	35	11	10	1
February	324	257	195	19	43	59	0	24	0	35	8	8	0
March	346	271	200	19	52	69	1	27	0	41	6	6	0
Total 1st Quarter	1,003	790	589	58	143	188	1	76	0	111	25	24	1
1 st Quarter 2002	914	742	554	68	120	132	1	43	1	87	40	34	6
April	320	259	191	20	48	49	0	19	0	30	12	12	0
May	302	264	197	22	45	25	0	7	0	18	13	13	0
June	315	275	211	17	47	24	0	6	1	17	16	13	3
Total 2nd Quarter	937	798	599	59	140	98	0	32	1	65	41	38	3
2 nd Quarter 2002	919	796	600	72	124	80	0	15	0	65	43	36	7
July	322	277	201	24	52	27	0	5	0	22	18	16	2
August	311	280	211	19	50	21	0	5	0	16	10	8	2
September	314	280	208	21	51	25	0	4	0	2.1	9	5	4
Total 3rd Quarter	947	837	620	64	153	73	0	14	0	59	37	29	8
3 rd Quarter 2002	911	817	619	64	134	65	0	13	0	2	29	23	6
October	332	283	210	23	50	39	0	8	0	31	10	8	2
November	305	244	188	17	39	49	0	17	2	30	12	11	1
December	341	274	209	21	44	62	1	26	2	33	5	4	1
Total 4th Quarter	978	801	607	61	133	150	1	51	4	94	27	23	4
4 th Quarter 2002	1,008	844	624	62	158	123	0	40	0	83	41	29	12
GRAND TOTAL	3,865	3,226	2,415	242	569	509	2	173	5	329	130	114	16

Source: - Port Statistics Jamaica (January to December 2003), The Port Authority of Jamaica

SECTION FIVE: Marine Transport Statistics

Table 5.6 Monthly Distribution of the Number and Tonnage of Motor Vehicle Over Kingston Wharves 2003Wharf Tons

Month	Both Wharves						Kingston Wharves						Kingston Container Terminal					
	TOTAL		DISCHARGED		LOADED		TOTAL		DISCHARGED		LOADED		TOTAL		DISCHARGED		LOADED	
	Unit	Tons	Unit	Tons	Unit	Tons	Unit	Tons	Unit	Tons	Unit	Tons	Unit	Tons	Unit	Tons	Unit	Tons
January	1,942	28,672	1,799	26,757	143	1,915	1,942	28,672	1,799	26,757	145	1,915	0	0				
February	2,097	31,920	2,001	30,593	96	1,327	2,097	31,920	2,001	30,593	96	1,327	0	0				
March	2,473	39,110	2,252	36,399	221	2,711	2,473	39,110	2,252	36,399	221	2,711	0	0				
Total 1st Quarter	6,512	99,702	6,052	93,749	460	5,953	6,512	99,702	6,052	93,749	460	5,953	0	0	0	0	0	0
1 st Quarter 2002	5,552	82,269	5,287	78,994	265	3,275	5,552	82,269	5,287	78,994	265	3,275	0	0	0	0	0	0
April	2,642	44,929	2,591	39,091	51	5,838	2,642	44,929	2,591	39,091	51	5,838	0	0				
May	2,794	38,938	2,465	34,827	329	4,111	2,794	38,938	2,465	34,827	329	4,111	0	0				
June	1,949	30,504	1,793	28,271	156	2,233	1,949	30,504	1,793	28,271	156	2,233	0	0				
Total 2nd Quarter	7,385	114,371	6,849	102,189	536	12,182	7,385	114,371	6,849	102,189	536	12,182	0	0	0	0	0	0
2 nd Quarter 2002	7,954	118,882	7,660	114,721	294	4,161	7,954	118,882	7,660	114,721	294	4,161	0	0	0	0	0	0
July	1,419	23,469	1,389	22,714	30	755	1,419	23,469	1,389	22,714	30	755	0	0				
August	2,335	38,291	1,861	30,371	474	7,920	2,335	38,291	1,861	30,371	474	7,920	0	0				
September	1,264	19,913	1,015	16,571	249	3,342	1,265	19,913	1,015	16,571	249	3,342	0	0				
Total 3rd Quarter	5,018	81,673	4,265	69,656	753	12,017	5,018	81,673	4,265	69,656	153	12,017	0	0	0	0	0	0
3 rd Quarter 2002	7,077	109,823	6,557	102,044	520	7,779	7,077	109,823	6,557	102,044	520	7,779	0	0	0	0	0	0
October	2,642	38,094	2,475	36,145	167	1,949	2,642	38,094	2,475	36,145	167	1,949	0	0				
November	2,907	42,890	2,301	34,058	606	8,832	2,907	42,809	2,301	34,058	606	8,832	0	0				
December	2,100	30,458	2,100	30,458	0	0	2,100	30,458	2,100	30,458	0	0	0	0				
Total 4th Quarter	7,649	111,442	6,876	100,661	773	10,781	7,649	111,442	6,876	100,661	773	10,781	0	0	0	0	0	0
4 th Quarter 2002	8,117	124,467	7,303	114,519	814	9,948	8,117	124,467	7,303	114,519	814	9,948	0	0	0	0	0	0
GRAND TOTAL	26,564	407,188	24,042	366,255	2,522	40,933	26,564	407,188	24,042	366,255	2,522	40,933	0	0	0	0	0	0

Source: Port Statistics Jamaica (January to December 2003), The Port Authority of Jamaica

Table 5.7 Domestic Cargo Movements at Jamaican Ports 2003Metric Tonnes- 1.000kg

<i>Movements by Ports</i>	<i>Period 2003</i>	<i>Period 2002</i>	<i>Percentage Change (%)</i>
TOTAL LOADING & UNLOADING	17,479,294	16,962,139	3.05
<i>Kingston</i>	4,981,307	4,600,342	8.28
<i>Montego Bay</i>	657,674	638,869	2.94
<i>Other Ports</i>	11,840,313	11,722,928	1.00
UNLOADING TOTAL	8,136,674	7,735,697	5.18
<i>Kingston</i>	4,341,244	4,089,888	6.15
<i>Montego Bay</i>	644,946	625,367	3.13
<i>Other Ports</i>	3,150,484	3,020,442	4.31
LOADING TOTAL	9,342,620	9,226,442	1.26
<i>Kingston</i>	640,063	510,454	25.39
<i>Montego Bay</i>	12,728	13,502	-5.73
<i>Other Ports</i>	8,689,829	8,702,486	-0.15

Source: - Port Statistics Jamaica (January to December 2003), The Port Authority of Jamaica

Table 5.8 Cargo Movements at Outports 2003Metric Tonnes- 1,000kg

PORTS	Number of Ships	Cargo		
		Total	Discharged	Loaded
<i>Lucea</i>	2	20,000	20,000	0
<i>Montego Bay</i>	261	657,674	644,946	12,728
<i>Old Harbour</i>	8	43,839	43,839	0
<i>Ocho Rios</i>	14	222,174	0	222,174
<i>Port Antonio</i>	53	50,892	9,792	41,100
<i>Port Esquivel</i>	196	2,769,519	1,491,884	1,277,635
<i>Port Kaiser</i>	108	2,444,537	938,330	1,506,207
<i>Port Rhoades</i>	112	4,766,547	113,942	4,652,605
<i>Rio Bueno</i>	10	31,364	31,364	0
<i>Rocky Point</i>	70	1,491,441	501,333	990,108
GRAND TOTAL	832	12,477,987	3,775,430	8,702,557

Source: - Port Statistics Jamaica (January to December 2003), The Port Authority of Jamaica

Table 5.9 Ports Security Corps Deployment of Special District Constable to Seaports and Free Zones 2003-2004

<i>Location</i>	<i>Deployed Strength</i>	<i>Males</i>	<i>Females</i>
<i>Kingston Free Zone</i>	23	10	13
<i>Montego Bay Free Zone</i>	23	14	9
<i>APM Terminal</i>	132	56	76
<i>Montego Bay Cruise Ship Terminals</i>	5	0	5
TOTAL	183	80	103

Source: Ports Security Corps Limited

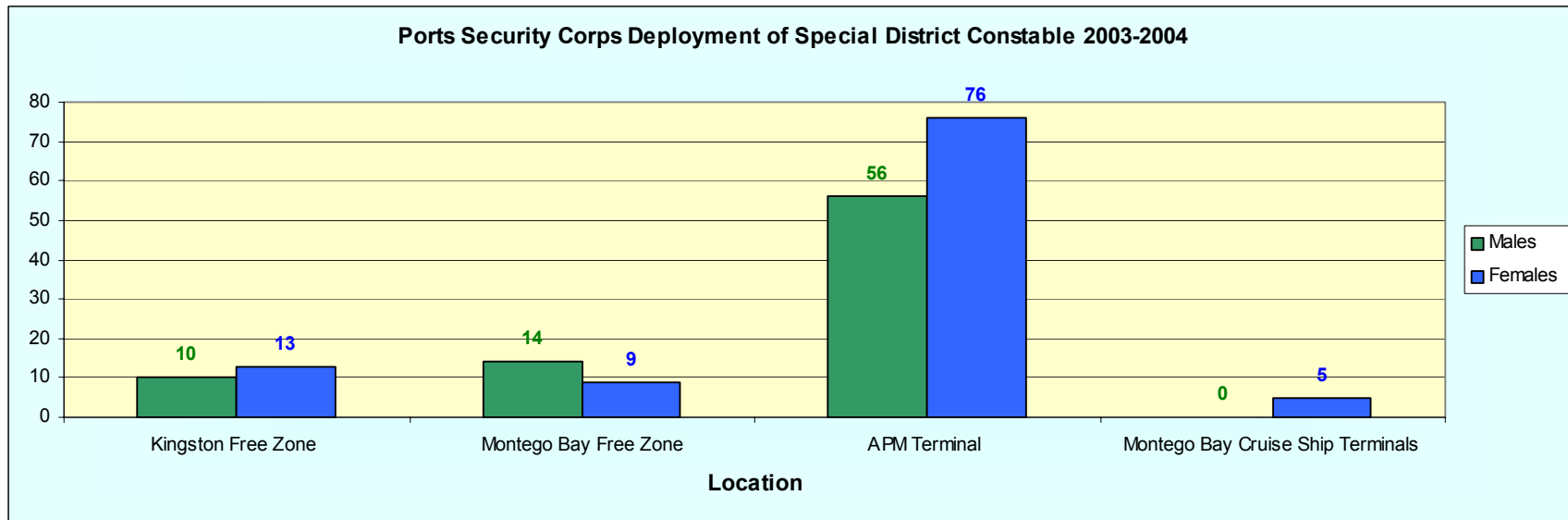
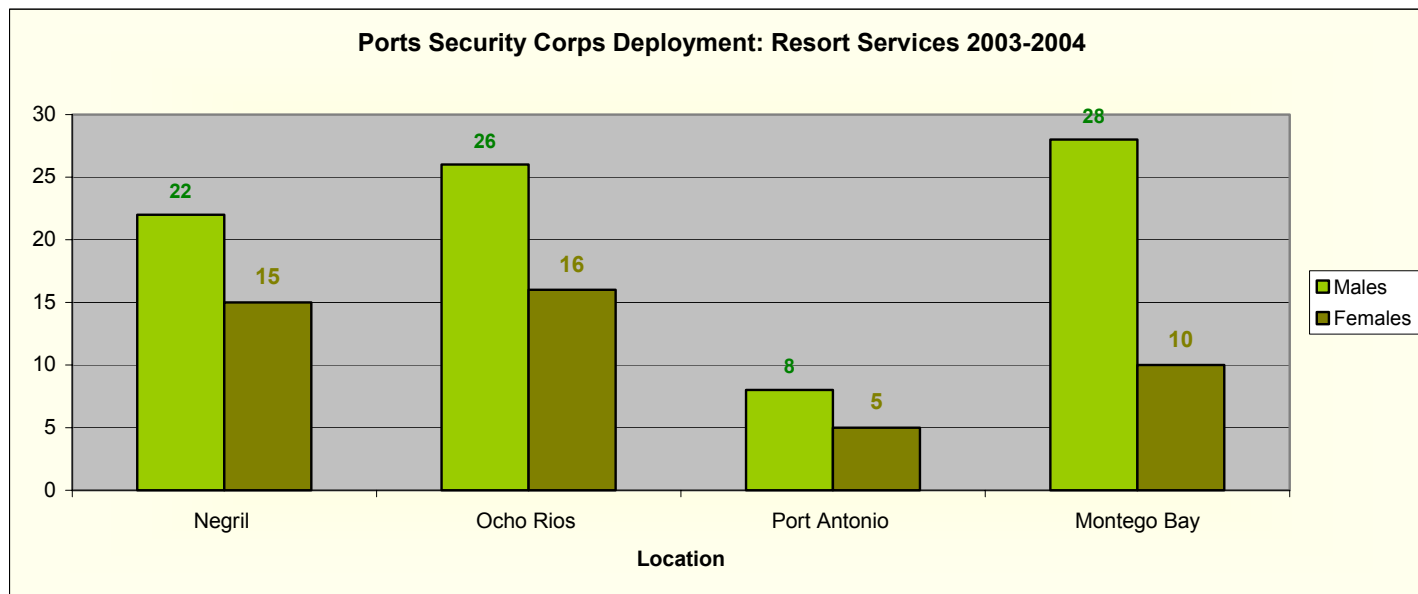


Table 5.10 Ports Security Corps: Resort Patrol Services 2003-2004

<i>Location</i>	<i>Deployed Strength</i>	<i>Male</i>	<i>Female</i>
<i>Negril</i>	37	22	15
<i>Ocho Rios</i>	42	26	16
<i>Port Antonio</i>	13	8	5
<i>Montego Bay</i>	38	28	10
GRAND TOTAL	130	84	46

Source: Ports Security Corps Limited



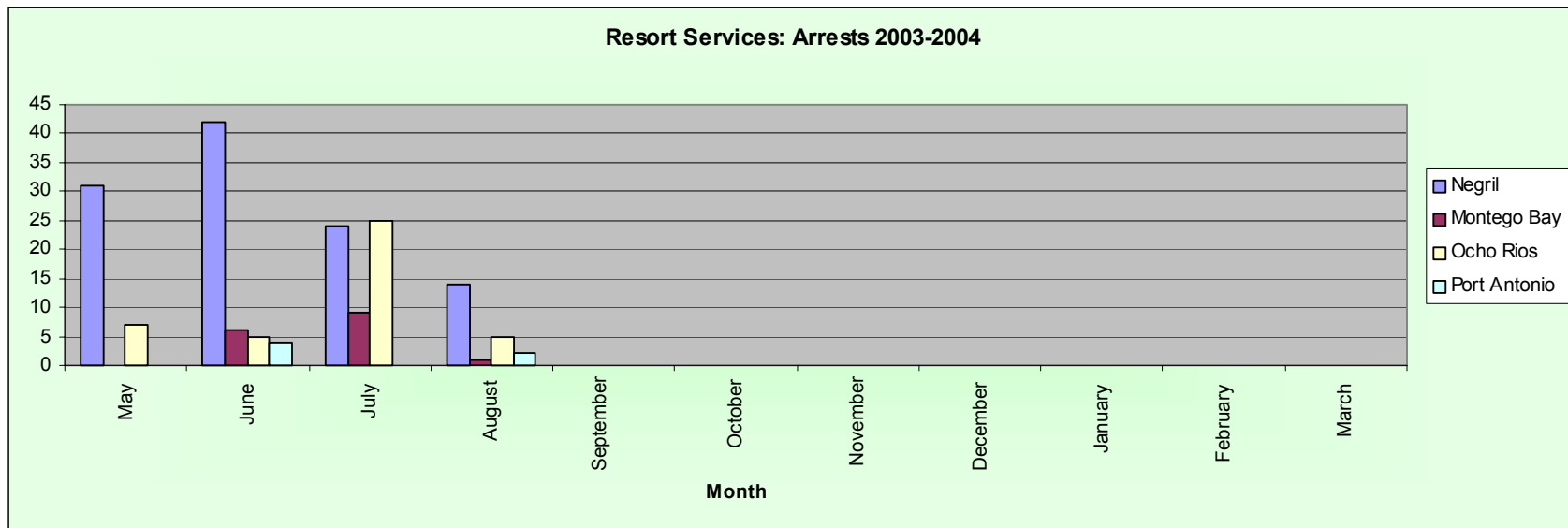
SECTION FIVE: Marine Transport Statistics

Table 5.11 Number of Arrests by Ports Security Corps Special District Constable: Resort Patrol Services 2003-2004

Location	May	June	July	August	September	October	November	December	January	February	March	TOTAL
Negril	31	42	24	14	0	0	0	0	0	0	0	111
Montego Bay	0	6	9	1	0	0	0	0	0	0	0	16
Ocho Rios	7	5	25	5	0	0	0	0	0	0	0	42
Port Antonio	0	4	0	2	0	0	0	0	0	0	0	6
GRAND TOTAL	38	57	58	22	0	0	0	0	0	0	0	175

Source: Ports Security Corps Limited

Note: Resort Patrol Services halted in September 2003 and at the end of the financial year (March 2004), services had not resumed. This accounts for no arrests being recorded for this period.



SECTION SIX: Air Transport Statistics



SECTION SIX: Air Transport Statistics

Table 6.0 Aircraft, Passenger, Cargo and Mail Movements at Domestic Aerodromes 2003

Aerodrome	International Airport Code	Aircraft Movement	Passengers Deplaned	Passengers Intransit	Enplaned	TOTAL PASSENGERS	Cargo On	Cargo Off	CARGO TOTAL	Mail On	Mail Off	MAIL TOTAL
Tinson Pen	KTP	39,732	35,464	0	34,961	70,425	78,694	6,542	85,236	1,541	24	1,565
Negril	NEG	12,337	14,029	32	12,623	26,684	495	96	591	0	0	0
Boscobel	OCJ	7,284	7,632	6,338	9,883	23,853	7	30	37	23	0	23
Ken Jones	POT	2,436	660	17	852	1,529	13,365	15,296	28,661	21	0	21
TOTAL		61,789	57,785	6387	58,319	122,491	92,561	21,964	114,525	1,585	24	1,609

Source: Airports Authority of Jamaica

*Note: Cargo and mail figures are reported in kilogrammes (kg).***Table 6.1 Passenger, Cargo and Mail Movements at Norman Manley International Airport 2003-2004**

Month	Arriving	Intransit	Departing	TOTAL PAX	Cargo On	Cargo Off	TOTAL CARGO	Mail On	Mail Off	TOTAL MAIL
Apr-03	47,955	7,189	59,146	114,290	637,716	613,723	1,251,439	51,000	77,539	128,539
May-03	47,336	8,215	58,842	114,393	671,992	567,577	1,239,569	50,409	58,205	108,614
Jun-03	51,178	8,739	52,627	112,544	777,458	558,478	1,335,936	52,463	59,358	111,821
Jul-03	69,292	10,664	83,744	163,700	853,274	584,340	1,437,614	57,987	54,829	112,816
Aug-03	69,919	10,255	78,817	158,991	671,412	604,714	1,276,126	47,685	52,794	100,479
Sep-03	50,682	6,575	52,703	109,960	739,970	660,733	1,400,703	52,082	52,041	104,123
Oct-03	48,866	5,969	45,223	100,058	695,261	774,289	1,469,550	73,338	57,339	130,677
Nov-03	52,334	5,297	48,499	106,130	617,931	665,043	1,282,974	51,079	57,534	108,613
Dec-03	77,974	6,760	59,054	143,788	707,206	843,562	1,550,768	50,435	76,870	127,305
Jan-04	50,687	5,730	66,914	123,331	622,915	491,264	1,114,179	44,385	65,941	110,326
Feb-04	40,969	4,172	41,859	87,000	688,541	545,583	1,234,124	61,146	69,993	131,139
Mar-04	49,140	4,378	52,275	105,793	836,581	561,708	1,398,289	75,557	64,901	140,458
TOTAL	656,332	83,943	699,703	1,439,978	8,520,257	7,471,014	15,991,271	667,566	747,344	1,414,910

Sources: Airports Authority of Jamaica
Civil Aviation Authority*Note: PAX refers to Passengers*

SECTION SIX: Air Transport Statistics

Table 6.2 Passenger, Cargo and Mail Movements at Sangster's International Airport 2003-2004

Month	Arriving	Intransit	Departing	TOTAL PAX	Cargo On	Cargo Off	TOTAL CARGO	Mail On	Mail Off	TOTAL MAIL
Apr-03	122,105	12,900	136,090	271,095	308,687	164,683	473,371	14	63	77
May-03	113,316	11,229	115,417	239,962	383,933	185,388	569,320	21	16	37
Jun-03	128,718	13,479	124,504	266,701	283,277	172,830	456,107	17	15	31
Jul-03	149,285	19,813	148,715	317,813	215,607	200,714	416,321	11	14	25
Aug-03	147,090	23,038	155,992	326,120	331,710	174,401	506,111	1,252	7	1,259
Sep-03	88,716	13,859	98,112	200,687	298,894	197,539	496,433	757	7	764
Oct-03	98,933	15,394	95,123	209,450	352,254	169,887	522,141	7,287	5	7,292
Nov-03	115,576	14,265	110,602	240,443	322,355	185,134	507,489	5	7	11
Dec-03	144,957	19,073	118,713	282,743	352,663	357,706	710,369	7	7	14
Jan-04	130,714	15,975	151,998	298,687	315,836	189,238	505,073	5	5	10
Feb-04	134,056	11,420	133,070	278,546	246,133	203,092	449,226	9	2	11
Mar-04	150,173	13,515	157,364	321,052	399,874	164,100	563,974	2	-	2
TOTAL	1,523,639	183,960	1,545,700	3,253,299	3,811,224	2,364,712	6,175,935	9,388	146	9,534

Sources: Airports Authority of Jamaica

Table 6.3 Scheduled versus Non-Scheduled Aircraft Movements 2003-2004

		Apr-03	May-03	Jun-03	Jul-03	Aug-03	Sep-03	Oct-03	Nov-03	Dec-03	Jan-04	Feb-04	Mar-04	Total
NMIA	Scheduled	1,495	1,546	1,535	1,900	1,891	1,601	1,585	1,548	1,788	1,677	1,264	1,374	19,204
	Non-Scheduled	252	254	148	191	206	184	256	216	226	291	261	309	2,794
	Total	1,747	1,800	1,683	2,091	2,097	1,785	1,841	1,764	2,014	1,968	1,525	1,683	21,998
SIA	Scheduled	3,623	3,334	3,366	3,682	3,022	2,601	2,688	2,701	2,977	3,018	2,806	3,069	36,887
	Non-Scheduled	795	1,018	1,298	1,309	1,446	1,506	1,548	1,711	1,930	2,261	2,259	2,426	19,507
	Total	4,418	4,352	4,664	4,991	4,468	4,107	4,236	4,412	4,907	5,279	5,065	5,495	56,394
TOTAL	Scheduled	5,118	4,880	4,901	5,582	4,913	4,202	4,273	4,249	4,765	4,695	4,070	4,443	56,091
	Non-Scheduled	1,047	1,272	1,446	1,500	1,652	1,690	1,804	1,927	2,156	2,552	2,520	2,735	22,301
	Total	6,165	6,152	6,347	7,082	6,565	5,892	6,077	6,176	6,921	7,247	6,590	7,178	78,392

Sources: Airports Authority of Jamaica
Civil Aviation Authority

Table 6.4**Energy Consumption 2003**

<i>Type Of Fuel</i>	<i>Consumption (Bbls)</i>	<i>Imports (Bbls)</i>	<i>Cost Per Barrel</i>
<i>Aviation Gas (Only Imported By Marketing Company E.G. SHELL)</i>	3,200 Bbls.	--	--
<i>Turbo Jet Fuel</i>	1,616,942 Bbls	--	--
<i>Aviation Gas (Marketing Companies)</i>	--	4,891	\$68.01 USD
<i>Turbo Jet Fuel (Refinery, Petrojam)</i>	--	680,856 Bbls.	\$36.51 USD (Avg. Cost)
<i>Turbo Jet Fuel (Marketing Companies)</i>	--	558,937 Bbls.	\$38.99 USD (Avg. Cost)

Source: Civil Aviation Authority

Table 6.5 Training and Employment in Transport Related Occupations (Air Traffic) 2003

<i>Course Name</i>	<i>Number Trained</i>
<i>Ab Initio #1</i>	16
<i>Ab Initio #2</i>	9
<i>Radar Conversion #2</i>	7
<i>Radar Conversion #3</i>	6
<i>Area Control Procedural Theory #1</i>	10
<i>Flight Data Processor #3</i>	10
<i>Autotrac #6</i>	5

Source: Civil Aviation Authority

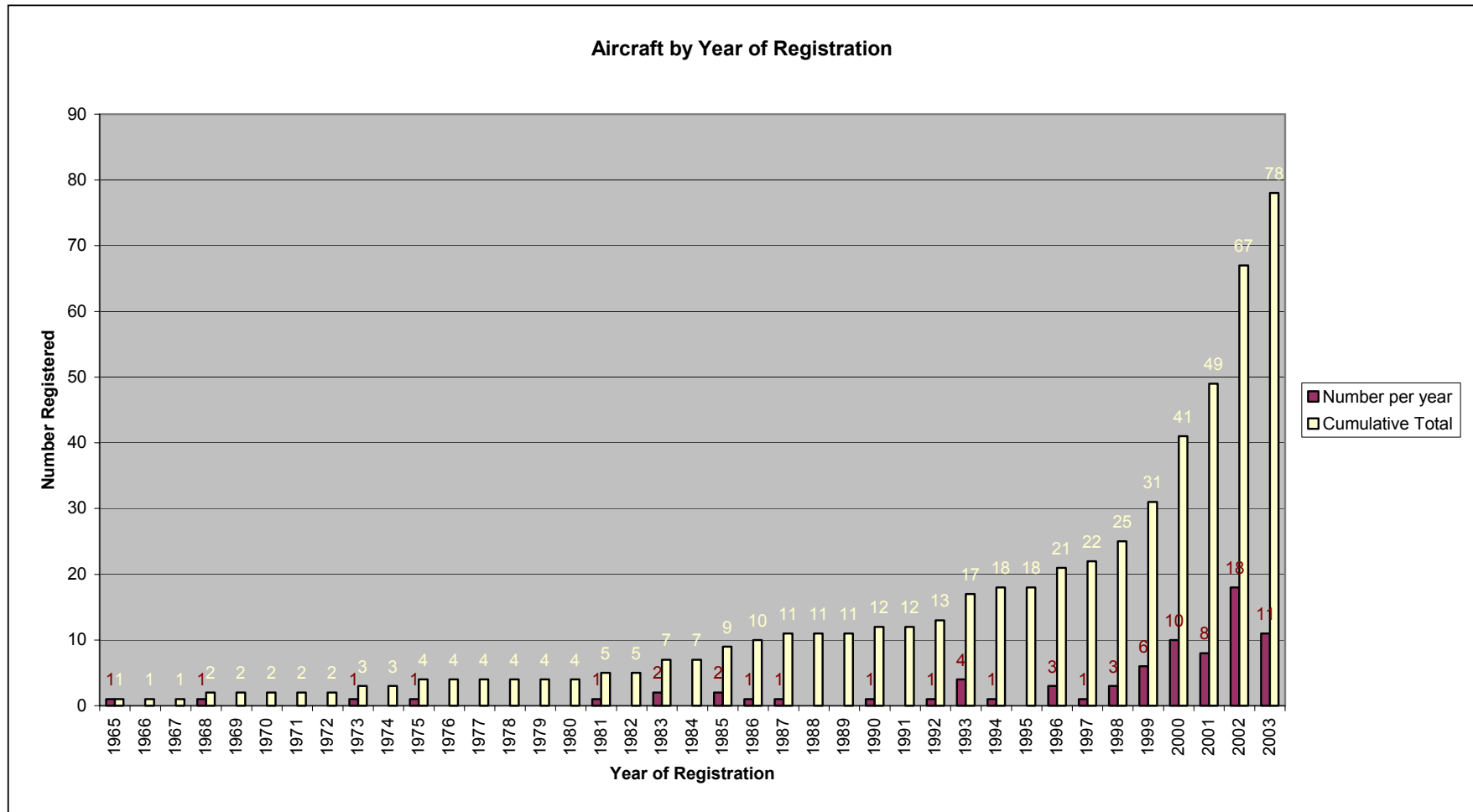
Table 6.6 Registered Aircraft by Type 2003

Type	Number of Aircraft	Total Seating	Average Seats per Aircraft
AIRBUS	19	3,414	180
AYRES	2	4	2
BEECH	1	5	5
Britten-Norman	4	40	10
CESSNA	35	153	4.4
CHAMPION CITABRIA	1	2	2
DeHAVILLAND	5	180	36
MITSUBISHI	1	9	9
PIPER	7	48	6.9
ROCKWELL	1	1	1
Technam Echo	1	2	2
Wynter-Pitts	1		
TOTAL	78	3,858	

Source: Technical Services Unit, Ministry of Transport and Works

Note: Information is based on Jamaican Civil Aircraft Registry (See Appendix I: Table V)

Table 6.7 Registered Aircraft by Year of Registration 1965-2003



Source: Technical Services Unit, Ministry of Transport and Works

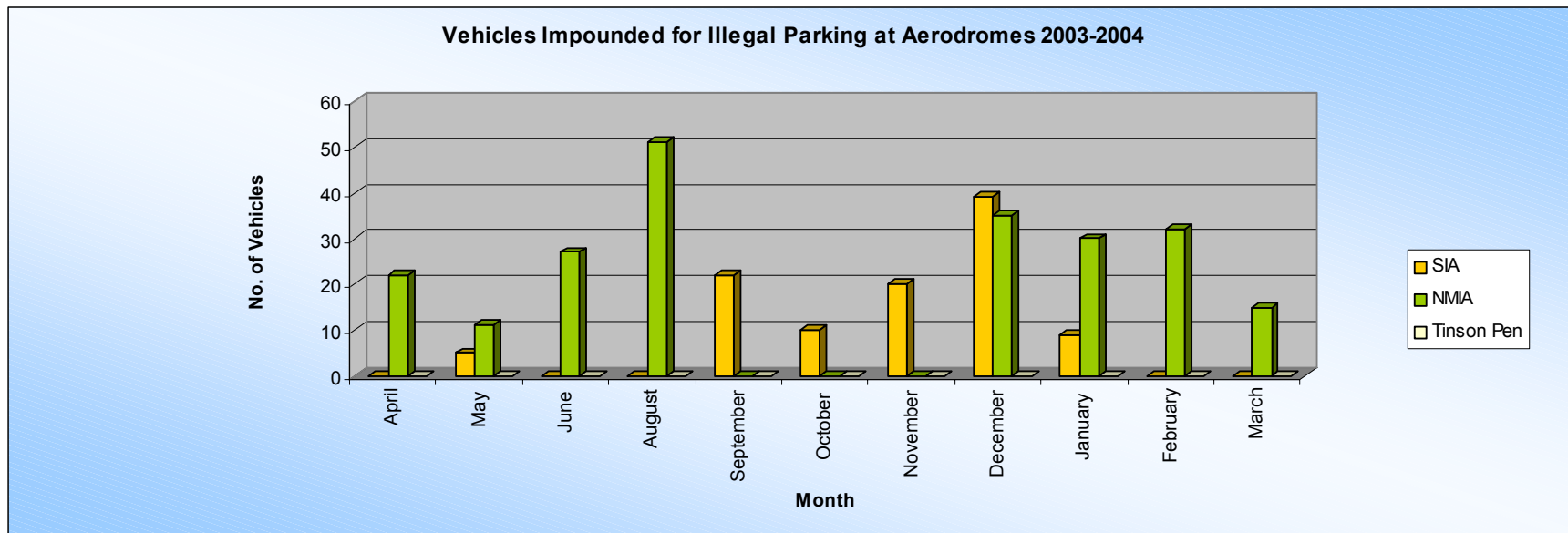
Note: Information is based on Jamaican Civil Aircraft Registry (See Appendix I: Table V)

Table 6.8 Number of Vehicles Impounded for Illegal Parking at the Island's Aerodromes 2003-2004

Location	April	May	June	August	September	October	November	December	January	February	March	TOTAL
SIA	0	5	0	0	22	10	20	39	9	0	0	105
NMIA	22	11	27	51	0	0	0	35	30	32	15	277
Tinson Pen	0	0	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	22	16	27	51	22	10	20	74	39	32	15	382

Source: Ports Security Corps Limited

Note: Norman Manley International Airport (NMIA), Sangster International Airport (SIA) and Tinson Pen are the only aerodromes where Ports Security Corps Limited operates.



SECTION SIX: Air Transport Statistics

Table 6.9 Reported Incidents of Drug Trafficking at the Island's International Aerodromes 2003-2004
Contraband Detected in Departing Passengers' Luggage 2003-2004

Location	Type of Drug	April	May	June	August	September	October	November	December	January	February	March	TOTAL
SIA	Marijuana/Ganja (kg)	22.5	.25	1.7	45.5	46.5	1.3	22.5	19	1.3	.22	0	183.72
	Cocaine (kg)	0.5	0.5	2	0	0	0	0	0	0	2.5	0	8.5
NMIA	Marijuana/Ganja (kg)	27.5	16	0	175	10.5	161	25.5	25	17.3	10.5	63	531.3
	Cocaine (kg)	2.5	.5	0	0	0	0	0	0	0	3	2.5	8.5
GRAND TOTAL		53	17.25	3.7	26	57	162.3	48	44	18.6	16.22	65.5	732.02

Source: Ports Security Corps Limited

Table 6.10 Number of Arrests by Ports Security Corps Special District Constable at Aerodromes 2003-2004

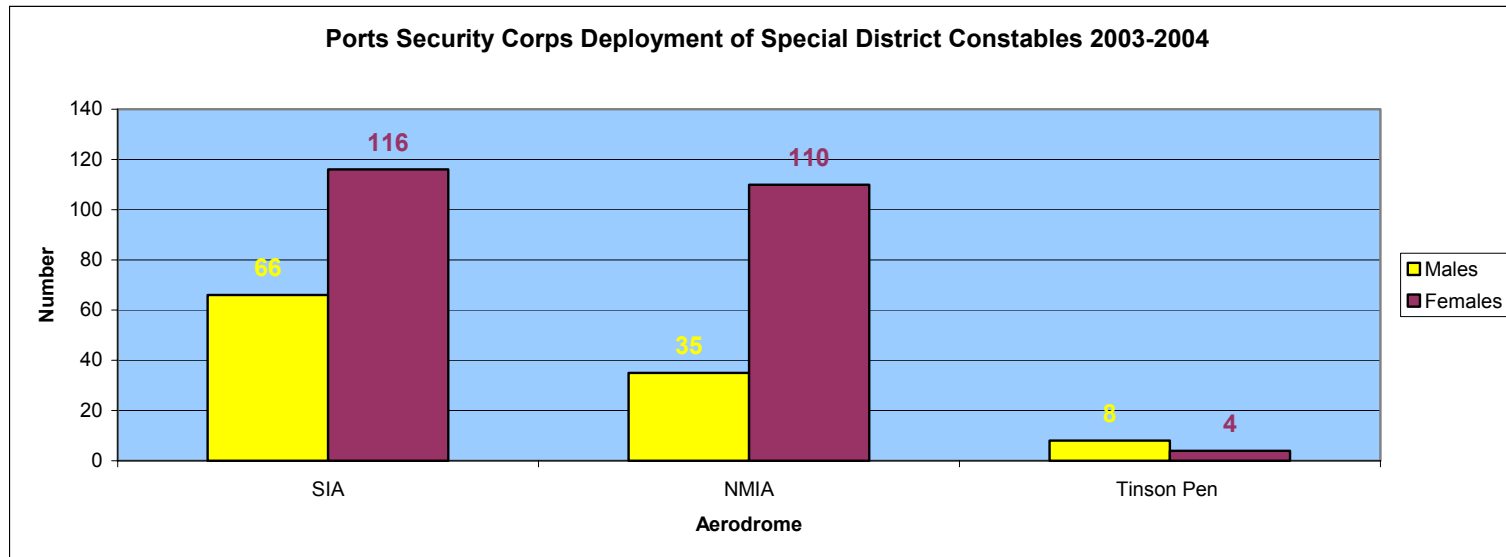
Location	April	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	TOTAL
SIA	0	1	0	0	0	0	0	0	1	0	0	0	2
NMIA	3	0	2	3	0	1	0	0	2	0	1	2	14
Tinson Pen	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	1	2	3	0	1	0	0	3	0	1	2	16

Source: Ports Security Corps Limited

Table 6.11 Ports Security Corps Deployment of Special District Constables to Aerodromes 2003-2004

<i>Location</i>	<i>Deployed Strength</i>	<i>Males</i>	<i>Females</i>
<i>SIA</i>	182	66	116
<i>NMIA</i>	145	35	110
<i>Tinson Pen Aerodrome</i>	12	8	4
TOTAL	339	109	230

Source: Ports Security Corps Limited



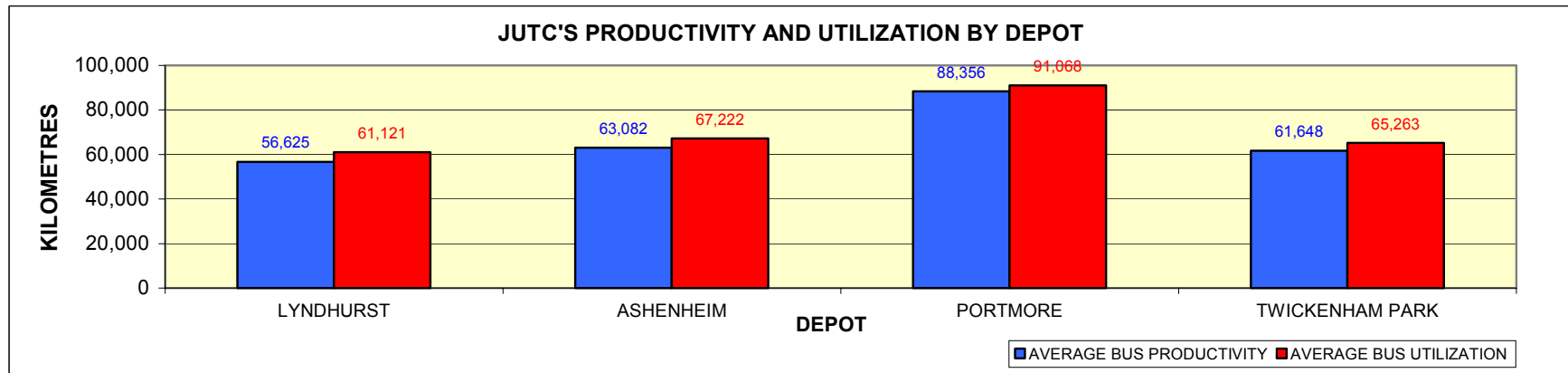
APPENDICES



APPENDIX I

Chart 1

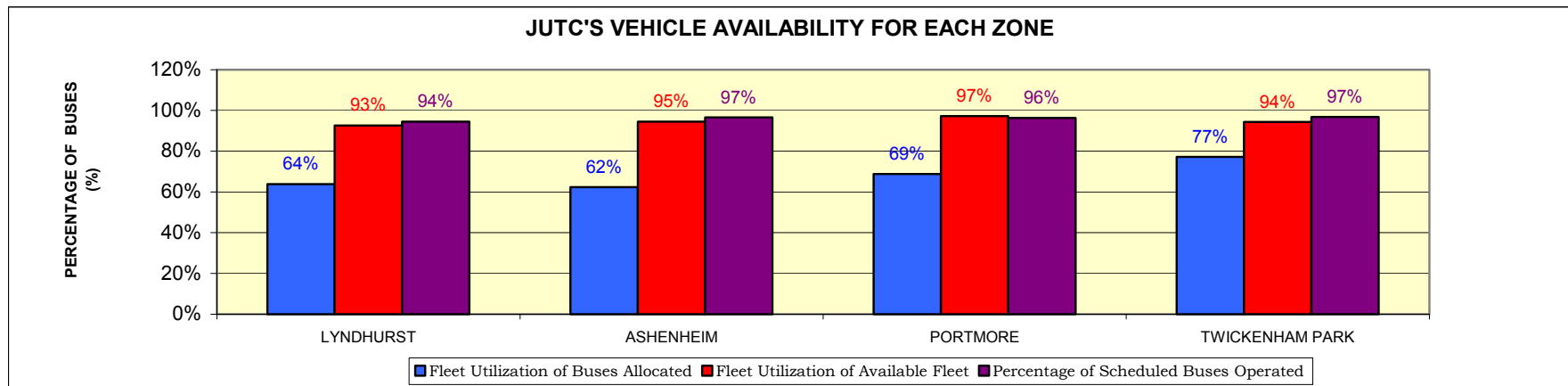
JUTC's Productivity and Utilization by Depot (April 2003 to March 2004)



Source: Jamaica Urban Transit Company Limited

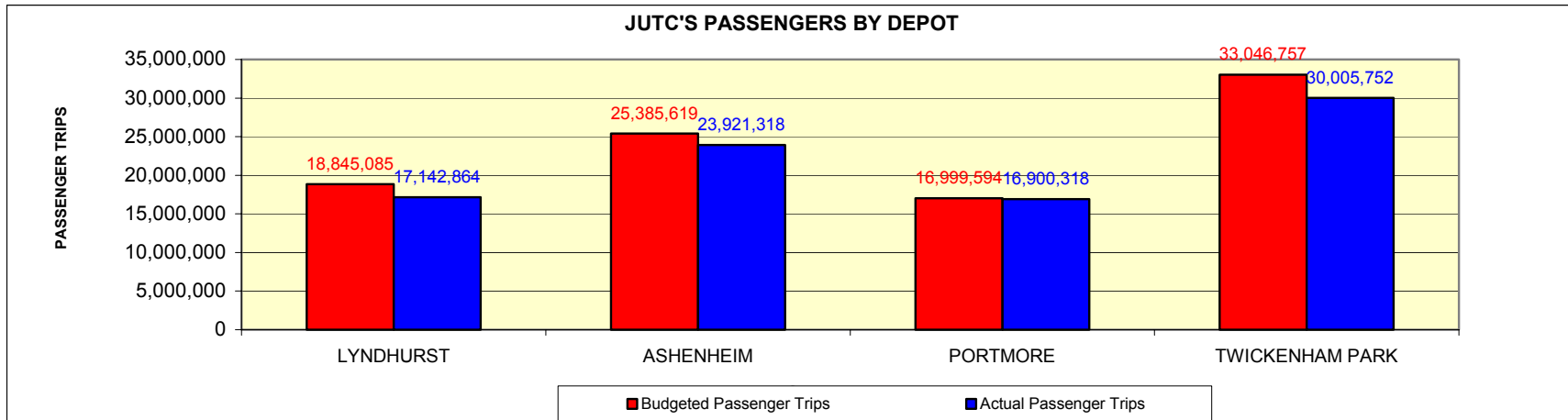
Chart 2

JUTC's Vehicle Availability for Each Zone (April 2003 to March 2004)



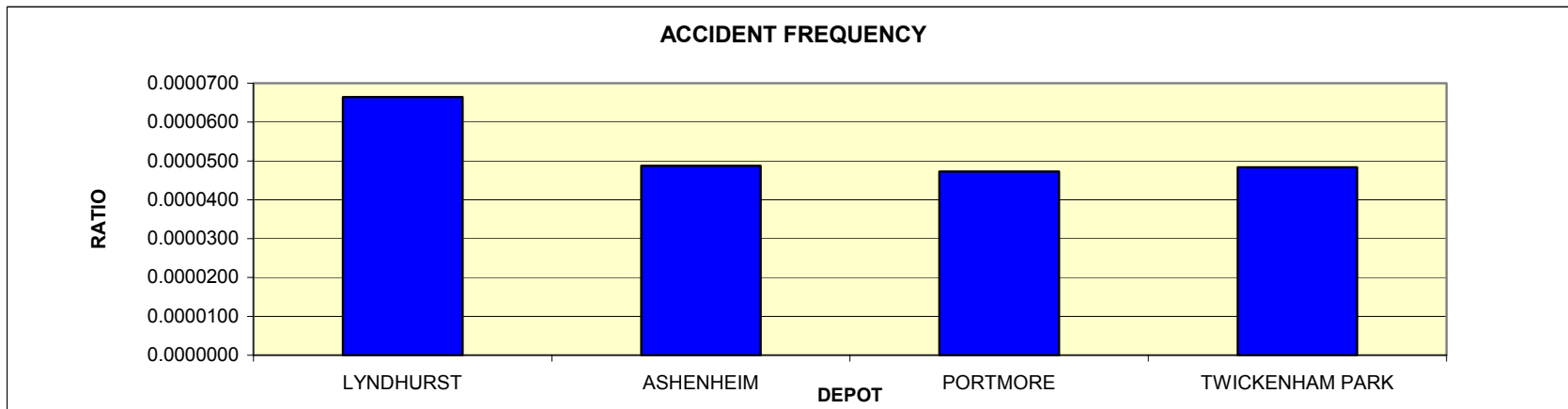
Source: Jamaica Urban Transit Company Limited

Chart 3 JUTC's Passenger by Depot (April 2003 to March 2004)



Source: Jamaica Urban Transit Company Limited

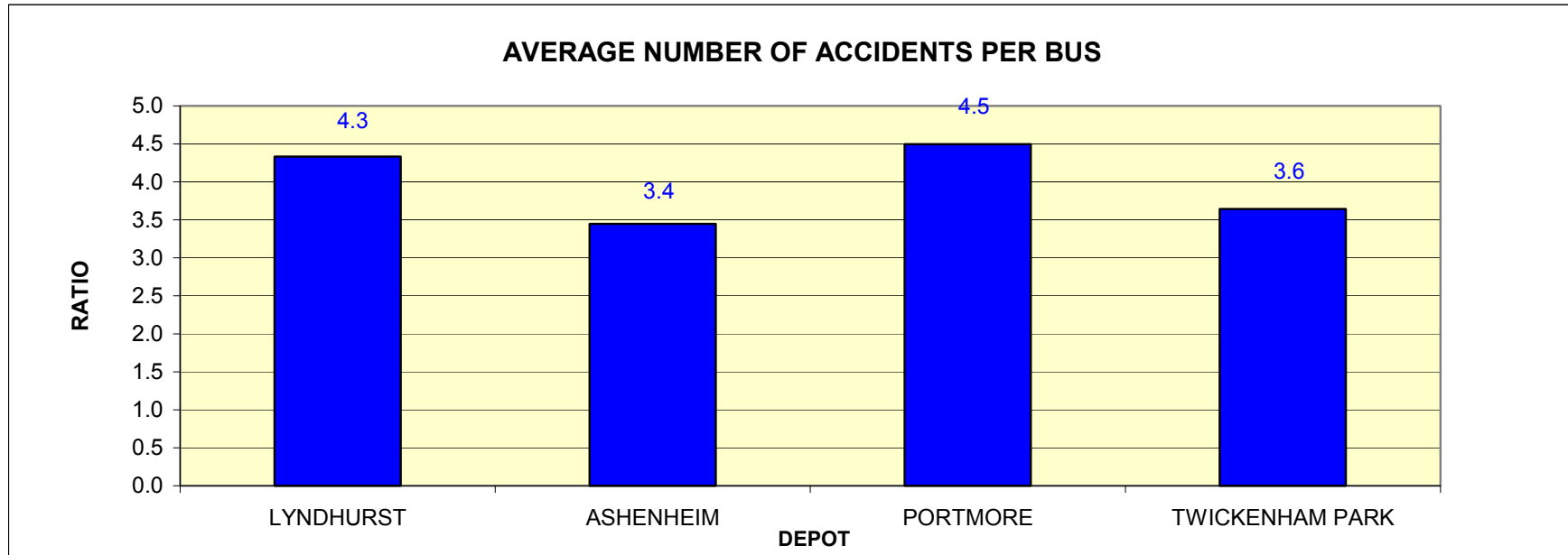
Chart 4 Average Number of Accidents per Bus (April 2003 to March 2004)



Source: Jamaica Urban Transit Company Limited

Chart 5

JUTC Accident Frequency (April 2003 to March 2004)



Source: Jamaica Urban Transit Company Limited

Table A Twelve Hour Traffic Volumes at Intersections in Kingston and St. Andrew 2003-2004

<i>Location</i>	<i>Date</i>	<i>Total Intersection Volume</i>
<i>Barbican Rd / Birdsucker Ln</i>	10/09/03	14,186
<i>Camp Rd / Tom Redcam Ave / Caledonia Ave</i>	23/02/04	42,303
<i>Constant Spring Rd / Central Ave</i>	04/07/03	29,760
<i>Constant Spring Rd / Dunrobin Ave</i>	29/01/04	31,704
<i>Constant Spring Rd / Dunrobin Ave / Gore Ter</i>	04/09/03	30,757
<i>Constant Spring Rd / ICHS / Tax Office</i>	25/11/03	19,179
<i>Constant Spring Rd / Manor Park Plaza (near Discount Pharmacy)</i>	05/08/03	2,799
<i>Constant Spring Rd / Manor Park Plaza (near Norbrook Rd)</i>	05/08/03	3,887
<i>Constant Spring Rd / Norbrook Dr</i>	16/09/03	7,949
<i>Constant Spring Rd / Stony Hill Rd</i>	16/09/03	14,408
<i>Constant Spring Rd / Stony Hill Rd / Norbrook Dr</i>	03/04/03	22,146
<i>Constant Spring Rd / Stony Hill Rd @ bridge</i>	15/09/03	11,272
<i>Dunrobin Ave / Dukharan Ave</i>	08/07/03	19,602
<i>East Kings House Circle / Barbican Rd</i>	09/09/03	13,539
<i>East Kings House Rd / Barbican Rd</i>	09/09/03	18,628
<i>East Kings House Rd / East Kings House Circle</i>	09/09/03	16,514
<i>Eastwood Pk Rd / Molyne Rd / South Odeon Ave</i>	09/04/03	38,364
<i>Eureka Rd / Ripon Rd</i>	26/02/04	7,931
<i>Hagley Pk Rd / Woodglen Dr</i>	20/05/03	20,919
<i>Half Way Tree Rd @ NCB</i>	14/05/03	1,603
<i>Heroes Circle / Torrington Rd</i>	15/05/03	16,472
<i>Hope Rd / Old Hope Rd / Barbican Rd (Matilda's Corner)</i>	04/06/03	36,893
<i>Hope Rd / Trafalgar Rd / Waterloo Rd</i>	06/12/03	44,997
<i>Ken Hill Dr / Elma Cres</i>	18/07/03	10,054
<i>Lyndhurst Rd / Retirement Rd / Rosseau Rd</i>	15/04/03	22,119
<i>Marescaux Rd / Caledonia Ave</i>	19/02/04	25,157

Table A (cont'd) – Intersection Volumes in Kingston and St. Andrew 2003-2004

<i>Location</i>	<i>Date</i>	<i>Total Intersection Volume</i>
<i>Marescaux Rd / Connolley Ave</i>	07/11/03	23,657
<i>Maxfield Ave / Chisholm Ave / Melrose Ave</i>	17/11/03	20,293
<i>Molynes Rd / Tarrant Dr / Lower Sandringham Ave</i>	16/04/03	22,977
<i>Mona Rd / Karachi Ave</i>	28/01/04	17,021
<i>Old Hope Rd / Eureka Rd</i>	24/02/04	16,972
<i>Old Hope Rd / Gordon Town Rd / Golding Ave</i>	09/06/03	20,157
<i>Old Hope Rd / Lady Musgrave Rd / North Ave</i>	17/06/03	22,968
<i>Old Hope Rd / Mines Complex</i>	09/06/03	23,405
<i>Old Hope Rd / Mona Plaza</i>	11/06/03	37,587
<i>Old Hope Rd / Munroe Rd (Shell Gas Station)</i>	10/11/03	34,422
<i>Old Hope Rd / Slipe Rd / Caledonia Ave</i>	17/02/04	17,712
<i>Olympic Way / Bay Farm Rd</i>	14/04/03	14,155
<i>Omara Rd / Chisholm Ave / Ricketts Cres</i>	18/11/03	13,377
<i>Omara Rd / Omara Cres</i>	13/11/03	13,944
<i>Red Hills Rd / Red Hills Ter / Elizabeth Ave</i>	11/09/03	19,768
<i>Stanton Ter / Roosevelt Ave</i>	04/11/03	8,561
<i>Stony Hill Rd / Grosvenor Ter</i>	05/08/03	13,169
<i>Upper Waterloo Rd / Bedford Pk Ave</i>	26/08/03	17,902
<i>Washington Blvd / Ken Hill Dr</i>	18/07/03	33,916
<i>Washington Blvd / Molynes Rd</i>	16/07/03	44,037
<i>Washington Blvd / Patrick Dr</i>	26/01/04	33,579
<i>Washington Blvd / Weymouth Dr</i>	22/01/04	30,769
<i>Waterloo Rd / Old Church Rd / Upper Waterloo Rd</i>	29/08/03	16,880
<i>Waterloo Rd / South Ave</i>	07/07/03	34,483

Source: National Works Agency

Table B Traffic Volume on Major Road Corridors in Kingston and St. Andrew 2003-2004

Location	Date	N. Corridor Name	NORTH	N. Corridor Volume	S. Corridor Name	SOUTH	S. Corridor Volume	E. Corridor Name	EAST	E. Corridor Volume	W. Corridor Name	WEST	W. Corridor Volume
Barbican Rd / Birdsucker Ln	10/09/03	Fr Birdsucker Ln - N	1,485	3,021						12,650	Fr Barbican - W	12,701	12,701
Camp Rd / Tom Redcam Ave / Caledonia Ave	23/02/04	Fr: Tom Redcam Ave - N	16,769	33,677				Fr: Camp Rd - E	13,440	26,348	Fr: Caledonia Ave - W	12,094	24,581
Constant Spring Rd / Central Ave	04/07/03	Fr Constant Spring Rd - N	27,914	27,914			27,089	Fr Central Ave - E	1,846	4,517			
Constant Spring Rd / Dunrobin Ave	29/01/04	Fr: Constant Spring Rd - N	11,736	20,759	Fr: Constant Spring Rd - S	13,842	30,497				Fr: Dunrobin Ave - W	6,126	12,152
Constant Spring Rd / Dunrobin Ave / Gore Ter	04/09/03	Fr Constant Spring Rd - N	10,697	20,358	Fr Constant Spring Rd - S	14,400	29,461	Fr Gore Ter - E	71	101	Fr Dunrobin Ave - W	5,589	11,594
Constant Spring Rd / ICHS / Tax Office	25/11/03	Fr: Constant Spring Rd - N	7,988	14,553	Fr: Constant Spring Rd - S	7,346	16,256	Fr: ICHS - E	2,076	4,100	Fr: Tax Office - W	1,769	3,449
Constant Spring Rd / Manor Park Plaza (near Discount Pharmacy)	05/08/03							Fr Plaza - E	1,284	2,799	To Plaza - W	1,515	2,799
Constant Spring Rd / Manor Park Plaza (near Norbrook Rd)	05/08/03							Fr Plaza - E	1,403	3,887	To Plaza - W	2,484	3,887
Constant Spring Rd / Norbrook Dr	16/09/03						6,998	Fr Norbrook Dr - E	3,229	4,180	Fr West of Circle - W	4,720	4,720
Constant Spring Rd / Stony Hill Rd	16/09/03	Fr Stony Hill Rd - N	6,872	14,408	Fr Constant Spring Rd - S	7,536	7,536			6,872			
Constant Spring Rd / Stony Hill Rd / Norbrook Dr	03/04/03	Fr Stony Hill Rd - N	7,997	15,154			13,940	Fr Norbrook Dr - E	3,209	4,258	Fr Constant Spring Rd - W	10,940	10,940
Constant Spring Rd / Stony Hill Rd @ bridge	15/09/03	Fr Constant Spring Rd - N	11,272	11,272			8,793						2,479
Dunrobin Ave / Dukharan Ave	08/07/03	Fr Dukharan Ave - N	3,899	7,759				Fr Dunrobin Ave - E	6,917	12,873	Fr Dunrobin Ave - W	8,786	18,572
East Kings House Circle / Barbican Rd	09/09/03				Fr EKH Circle - S	13,539	13,539			2,204			11,335
East Kings House Rd / Barbican Rd	09/09/03						11,600	Fr Barbican Rd - E	7,610	14,638	Fr Barbican Rd - W	11,018	11,018

Table B (cont'd) – Traffic Volume in St. Kingston and St. Andrew 2003-2004

Location	Date	N. Corridor Name	NORTH	N. Corridor Volume	S. Corridor Name	SOUTH	S. Corridor Volume	E. Corridor Name	EAST	E. Corridor Volume	W. Corridor Name	WEST	W. Corridor Volume
East Kings House Rd / East Kings House Circle	09/09/03	Fr East Kings House Rd - N	11,854	11,854	Fr East Kings House Rd - S	4,660	10,172						11,002
Eastwood Pk Rd / Molyne's Rd / South Odeon Ave	09/04/03			17,063	Fr Eastwood Pk Rd - S	31,250	31,250			15,538	Fr Molyne's Rd - W	7,114	12,877
Eureka Rd / Ripon Rd	26/02/04	Fr: Ripon Rd - N	2,373	4,267				Fr: Eureka Rd - E	5,558	6,405			5,190
Hagley Pk Rd / Woodglen Dr	20/05/03	Fr Woodglen Dr - N	5,350	9,233				Fr Hagley Pk Rd - E	8,750	17,881	Fr Hagley Pk Rd - W	6,819	14,724
Half Way Tree Rd @ NCB	14/05/03	Fr HWT Rd - N	1,220	1,220			1,603	Fr Bank - E	383	383			
Heroes Circle / Torrington Rd	15/05/03	Fr Heroes Circle - N	4,190	8,050	Fr Heroes Circle - S	4,746	10,531				Fr Torrington Rd - W	7,536	14,363
Hope Rd / Old Hope Rd / Barbican Rd (Matilda's Corner)	04/06/03	Fr Barbican Rd - N	4,492	9,548	Fr Old Hope Rd - S	7,103	13,293	Fr Old Hope Rd - E	12,404	26,321	Fr Hope Rd - W	12,894	24,624
Hope Rd / Trafalgar Rd / Waterloo Rd	06/12/03	Fr: Waterloo Rd - N	10,703	24,795	Fr: Trafalgar Rd - S	12,597	24,009	Fr: Hope Rd - E	11,159	21,406	Fr: Hope Rd - W	10,538	19,784
Ken Hill Dr / Elma Cres	18/07/03	Fr Ken Hill Dr - N	3,213	6,404	Fr Ken Hill Dr - S	5,054	9,287	Fr Elma Cres - E	1,787	4,417			
Lyndhurst Rd / Retirement Rd / Rosseau Rd	15/04/03	Fr Lyndhurst Rd - N	7,202	13,234	Fr Lyndhurst Rd - S	5,858	13,958	Fr Retirement Rd - E	4,256	8,583	Fr Rosseau Rd - W	4,803	8,463
Marescaux Rd / Caledonia Ave	19/02/04	Fr: Marescaux Rd - N	16,286	16,286	Fr: Marescaux Rd - S	5,584	18,810				Fr: Caledonia Ave - W	3,287	15,218
Marescaux Rd / Connolley Ave	07/11/03	Fr: Marescaux Rd - N	9,244	16,982	Fr: Marescaux Rd - S	10,923	22,471	Fr: Connolley Ave - E	3,490	7,861			
Maxfield Ave / Chisholm Ave / Melrose Ave	17/11/03	Fr Maxfield Ave - N	4,215	12,185	Fr Maxfield Ave - S	6,496	11,440	Fr Melrose Ave - E	2,212	3,797	Fr Chisholm Ave - W	7,370	13,164
Molyne's Rd / Tarrant Dr / Lower Sandringham Ave	16/04/03	Fr Lower SRH Ave - N	2,406	4,253	Fr Tarrant Dr - S	3,089	8,476	Fr Molyne's Rd - E	7,605	14,660	Fr Molyne's Rd - W	9,877	18,565
Mona Rd / Karachi Ave	28/01/04						605	Fr: Mona Rd - E	8,098	16,576	Fr: Mona Rd - W	8,923	16,861
Old Hope Rd / Eureka Rd	24/02/04	Fr: Old Hope Rd - N	7,368	13,014	Fr: Old Hope Rd - S	8,594	14,436				Fr: Eureka Rd - W	1,010	6,494

Table B (cont'd) – Traffic Volume in Kingston and St. Andrew 2003-2004

Location	Date	N. Corridor Name	NORTH	N. Corridor Volume	S. Corridor Name	SOUTH	S. Corridor Volume	E. Corridor Name	EAST	E. Corridor Volume	W. Corridor Name	WEST	W. Corridor Volume
Old Hope Rd / Gordon Town Rd / Golding Ave	09/06/03				Fr Golding Ave - S	5,084	11,235	Fr Gordon Town Rd - E	5,828	11,662	Fr Old Hope Rd - W	9,245	17,417
Old Hope Rd / Lady Musgrave Rd / North Ave	17/06/03	Fr Old Hope Rd - N	6,233	11,131	Fr Old Hope Rd - S	9,413	19,656	Fr North Ave - E	2,084	3,756	Fr Lady Musgrave Rd - W	5,238	11,393
Old Hope Rd / Mines Complex	09/06/03	Fr Mines Complex - N	605	1,367				Fr Old Hope Rd - E	10,871	22,201	Fr Old Hope Rd - W	11,929	23,242
Old Hope Rd / Mona Plaza	11/06/03				Fr Mona Plaza - S	16,081	30,614	Fr Old Hope Rd - E	8,582	27,875	Fr Old Hope Rd - W	12,924	16,685
Old Hope Rd / Munroe Rd (Shell Gas Station)	10/11/03				Fr: Munroe Rd - S	932	3,974	Fr: Old Hope Rd - E	15,765	33,490	Fr: Old Hope Rd - W	17,725	31,380
Old Hope Rd / Slipe Rd / Caledonia Ave	17/02/04	Fr: Old Hope Rd - N	6,323	13,314	Fr: Slipe Rd - S	3,544	10,460	Fr: Caledonia Ave - E	7,845	11,650			
Olympic Way / Bay Farm Rd	14/04/03	Fr Olympic Way - N	2,881	5,886	Fr Olympic Way - S	4,257	8,131	Fr Bay Farm Rd - E	3,145	6,837	Fr Bay Farm Rd - W	3,872	7,456
Omara Rd / Chisholm Ave / Ricketts Cres	18/11/03	Fr Omara Rd - N	3,874	8,475	Fr Ricketts Cres - S	327	896	Fr Chisholm Ave - E	6,365	11,765	Fr Chisholm Ave - W	2,811	5,618
Omara Rd / Omara Cres	13/11/03	Fr: Omara Rd - N	6,671	13,218	Fr: Omara Rd - S	4,660	9,165	Fr: Omara Cres - E	2,613	5,505			
Red Hills Rd / Red Hills Ter / Elizabeth Ave	11/09/03	Fr Red Hills Rd - N	8,578	17,100	Fr Red Hills Rd - S	6,691	13,029	Fr Elizabeth Ave - E	3,794	7,349	Fr Red Hills Ter - W	705	2,058
Stanton Ter / Roosevelt Ave	04/11/03				Fr: Roosevelt Ave - S	2,613	4,571	Fr: Stanton Ter - E	2,297	4,523	Fr: Stanton Ter - W	3,651	8,028
Stony Hill Rd / Grosvenor Ter	05/08/03			12,609	Fr Stony Hill Rd - S	12,492	12,492				Fr Grosvenor Ter - W	677	1,237
Upper Waterloo Rd / Bedford Pk Ave	26/08/03	Fr Upper Waterloo Rd - N	8,642	17,595	Fr Upper Waterloo Rd - S	9,071	17,779				Fr Bedford Pk Ave - W	189	430
Washington Blvd / Ken Hill Dr	18/07/03	Fr Ken Hill Dr - N	3,977	9,076	Fr J.P.S. Co. - S	161	334	Fr Washington Blvd - E	13,763	28,180	Fr Washington Blvd - W	16,015	30,242

Table B (cont'd) – Traffic Volume in Kingston and St. Andrew 2003-2004

<i>Location</i>	<i>Date</i>	<i>N. Corridor Name</i>	<i>NORTH</i>	<i>N. Corridor Volume</i>	<i>S. Corridor Name</i>	<i>SOUTH</i>	<i>S. Corridor Volume</i>	<i>E. Corridor Name</i>	<i>EAST</i>	<i>E. Corridor Volume</i>	<i>W. Corridor Name</i>	<i>WEST</i>	<i>W. Corridor Volume</i>
<i>Washington Blvd / Molynes Rd</i>	16/07/03	<i>Fr Molynes Rd - N</i>	6,436	12,404	<i>Fr Molynes Rd - S</i>	12,242	24,415	<i>Fr Washington Blvd - E</i>	10,039	21,508	<i>Fr Washington Blvd - W</i>	15,320	29,747
<i>Washington Blvd / Patrick Dr</i>	26/01/04	<i>Fr: Patrick Dr - N</i>	2,586	5,888				<i>Fr: Washington Blvd - E</i>	14,481	32,035	<i>Fr: Washington Blvd - W</i>	16,512	29,235
<i>Washington Blvd / Weymouth Dr</i>	22/01/04				<i>Fr: Weymouth Dr - S</i>	3,925	8,528	<i>Fr: Washington Blvd - E</i>	14,108	28,340	<i>Fr: Washington Blvd - W</i>	12,736	24,670
<i>Waterloo Rd / Old Church Rd / Upper Waterloo Rd</i>	29/08/03	<i>Fr Upper Waterloo Rd - N</i>	5,710	11,908	<i>Fr Waterloo Rd - S</i>	8,595	16,746	<i>Fr Old Church Rd - E</i>	2,575	5,106			
<i>Waterloo Rd / South Ave</i>	07/07/03	<i>Fr Waterloo Rd - N</i>	8,287	22,443	<i>Fr Waterloo Rd - S</i>	18,900	31,826				<i>Fr South Ave - W</i>	7,296	14,697

Source: National Works Agency

Table C Rural Twelve-Hour Traffic Counts 2003-2004

Parish/Location	Location	Date	N. Corridor Name	NORTH N. Corridor	S. Corridor Name	SOUTH S. Corridor	E. Corridor Name	EAST	E. Corridor	W. Corridor Name	WEST	W. Corridor	Total Intersection Volume		
Bog Walk, St. Catherine	Bog Walk Bypass / Barry / Linstead	14/07/03	Fr Linstead - N	1,987	4,229	Fr Barry - S	1,030	2,047	Fr Linstead Bypass - E	1,958	3,674	-	-	4,975	
Bog Walk, St. Catherine	Bog Walk / Knollis / Bybrook / Barry	15/07/03	Fr Bybrook - N	2,580	5,289	Fr Barry - S	2,053	3,968	Fr Knollis - E	1,676	3,361	-	-	6,309	
Bog Walk, St. Catherine	Bog Walk at Bridge	15/07/03	Fr Spanish Town - N	2,085	3,791	Fr Linstead - S	1,706	3,791	-	-	-	-	-	3,791	
Clonmel, St. Mary	Clonmel with rds to Highgate / Richmond / Lewis Store	08/12/03	Fr Highgate - N	789	1,760	Fr Lewis Store - S	933	1,755	-	-	Fr Richmond - W	129	187	1,851	
Harmony Hall, St. Mary	Harmony Hall int with rds to Clermont / Whitehall / Esher	27/11/03	Fr: Whitehall - N	782	1,790	Fr: Clermont - S	126	3,690	Fr: Esher - E	116	213	Fr: Highgate Town Centre - W	3,645	3,645	4,669
Highgate, St. Mary	Highgate with rds to Town Centre / Richmond / Clermont / Cumsee	26/11/03	Fr: Town Centre - N	-	3,475	Fr: Clonmel - S	1,750	3,366	Fr: Cumsee - E	3,365	3,725	Fr: Richmond - W	1,273	2,210	6,388
Highgate, St. Mary	Highgate Town Centre (at Clock)	27/11/03	-	-	3,546	Fr: Clermont - S	3,479	3,479	-	-	Fr: Dean Pen - W	674	1,281	4,153	
Highgate, St. Mary	Cumsee with rds to Highgate / Whitehall / Port Maria	28/11/03	Fr Port Maria - N	656	1,328	Fr Highgate - S	977	1,948	Fr Whitehall - E	330	650	-	-	1,963	
Islington, St. Mary	Annotto Bay to Agualta Vale / Windsor Castle / Fort George	01/04/03	-	-	-	Fr Fort George - S	253	518	Fr Windsor Castle - E	1,555	3,452	Fr Agualta Vale - W	1,959	3,564	3,767
Islington, St. Mary	Islington with rds to Port Maria / Water Valley / Martins	02/04/03	Fr Port Maria - N	372	705	Fr Water Valley - S	178	628	-	-	Fr Martins - W	402	571	952	
Islington, St. Mary	Islington with rds to Port Maria / Water Valley / Road Side	02/04/03	Fr Port Maria - N	333	613	Fr Water Valley - S	274	639	Fr Road Side - E	113	188	-	-	720	
Linstead, St. Catherine	Linstead Bypass / Church Rd	15/01/04	Fr: Linstead Bypass - N	4,159	7,875	Fr: Linstead Bypass - S	3,952	8,152	Fr: Church Rd - E	1,227	2,454	Fr: Church Rd - W	1,691	3,577	11,029
Linstead, St. Catherine	Linstead Bypass / Commodore	16/01/04	Fr: Ewarton - N	4,306	8,162	Fr: Bog Walk - S	3,804	7,974	Fr: Commodore - E	623	1,165	Fr: Town Centre - W	406	977	9,139

Table C (cont'd) – Rural Traffic Counts 2003-2004

Parish/Location	Location	Date	N. Corridor Name	NORTH N. Corridor	S. Corridor Name	SOUTH S. Corridor	S. Corridor	E. Corridor Name	EAST	E. Corridor	W. Corridor Name	WEST	W. Corridor	Total Intersection Volume	
Linstead, St. Catherine	<i>Linstead Bypass with rds to Vanity Fair, Dover Castle, Bog Walk, Ewarton</i>	19/01/04	<i>Fr: Ewarton - N</i>	3,693	7,480	<i>Fr: Bog Walk - S</i>	4,290	8,152	<i>Fr: Dover Castle - E</i>	1,067	2,421	<i>Fr: Vanity Fair - W</i>	1,094	2,235	10,144
Linstead, St. Catherine	<i>Linstead Bypass / Treadways</i>	20/01/04	<i>Fr: Treadways - N</i>	1,673	3,623	<i>Fr: Bog Walk - S</i>	4,174	8,078	-	-	<i>Fr: Ewarton - W</i>	3,830	7,653	9,677	
Mandeville, Manchester	<i>Caledonia Rd / Greenvale Ave / Grove Rd</i>	21/07/03	<i>Fr: Caledonia Rd - N</i>	6,294	11,913	<i>Fr: Grove Rd - S</i>	3,084	6,409	-	-	<i>Fr: Greenvale Rd - W</i>	4,116	8,666	13,494	
Mandeville, Manchester	<i>Ward Ave / Manchester Rd / Caledonia Rd</i>	22/07/03	<i>Fr Caledonia Rd - N</i>	5,415	11,425	<i>Fr Caledonia Rd - S</i>	5,332	10,164	<i>Fr Ward Ave - E</i>	2,795	6,721	<i>Fr Manchester Rd - W</i>	4,756	8,286	18,298
Mandeville, Manchester	<i>Caledonia Rd / New Green Rd</i>	23/07/03	<i>Fr New Green Rd - N</i>	7,589	14,654	-	-	<i>Fr Caledonia Rd - E</i>	5,812	14,128	<i>Fr Caledonia Rd - W</i>	6,628	11,276	20,029	
Mandeville, Manchester	<i>Caledonia Rd / Main St</i>	29/07/03	-	-	<i>Fr: Main St - S</i>	6,217	13,110	<i>Fr: Caledonia Rd - E</i>	3,819	9,435	<i>Fr: Caledonia Rd - W</i>	8,234	13,995	18,270	
Mandeville, Manchester	<i>Main St / Villa Rd</i>	29/07/03	<i>Fr Main St - N</i>	9,576	18,063	<i>Fr Main St - S</i>	8,487	19,095	<i>Fr Villa Rd - E</i>	2,643	4,254	-	-	20,706	
Mandeville, Manchester	<i>Caledonia Rd / DeCarteret Rd</i>	30/07/03	-	-	<i>Fr: DeCarteret Rd - S</i>	1,423	3,436	<i>Fr: Caledonia Rd - E</i>	2,449	4,375	<i>Fr: Caledonia Rd - W</i>	1,553	3,039	5,425	
Old Harbour Bypass, St. Catherine	<i>Sandy Bay: May Pen / Freetown / Bypass</i>	18/08/03	-	-	<i>Fr Bypass - S</i>	4,521	8,882	<i>Fr Freetown - E</i>	1,964	4,127	<i>Fr May Pen - W</i>	6,394	12,749	12,879	
Old Harbour Bypass, St. Catherine	<i>Bushy Park: Bypass / Spanish Town / Old Harbour</i>	19/08/03	<i>Fr Old Harbour - N</i>	3,024	5,868	<i>Fr Bypass - S</i>	218	218	<i>Fr Spanish Town - E</i>	7,738	14,931	<i>Fr Bypass - W</i>	4,444	9,831	15,424
Old Harbour Bypass, St. Catherine	<i>Old Harbour Interchange (Bypass)</i>	20/08/03	<i>Fr Old Harbour - N</i>	1,759	3,682	<i>Fr Old Harbour Bay - S</i>	1,553	3,094	<i>Fr Bypass - E</i>	451	1,102	<i>Fr Bypass - W</i>	526	700	4,289
Old Harbour, St. Catherine	<i>Old Harbour Town Centre</i>	05/08/03	<i>Fr Red Pond - N</i>	2,736	4,800	<i>Fr Old Harbour Bay - S</i>	2,575	3,826	<i>Fr Spanish Town - E</i>	3,602	8,298	<i>Fr Freetown - W</i>	2,930	6,762	11,843
Old Harbour, St. Catherine	<i>Old Harbour Rd / Gutters</i>	07/08/03	<i>Fr Spring Village - N</i>	1,096	2,389	<i>Fr Bushy Park - S</i>	150	303	<i>Fr Spanish Town - E</i>	2,994	5,765	<i>Fr Old Harbour - W</i>	3,305	6,633	7,545
Old Harbour, St. Catherine	<i>Begonia Cres / Portview Dr</i>	11/08/03	<i>Fr Begonia Cres - N</i>	257	357	<i>Fr Begonia Cres - S</i>	104	365	<i>Fr Portview Dr - E</i>	10	20	-	-	371	

Table C (cont'd) – Rural Traffic Counts 2003-2004

Parish/Location	Location	Date	N. Corridor Name	NORTH N. Corridor	S. Corridor Name	SOUTH S. Corridor	S. Corridor	E. Corridor Name	EAST	E. Corridor	W. Corridor Name	WEST	W. Corridor	Total Intersection Volume	
Old Harbour, St. Catherine	Old Harbour Rd / Marlie Mount	11/08/03	Fr Marlie Mount - N	584	1,336		-	-	Fr Old Harbour Rd - E	3,780	7,243	Fr Old Harbour Rd - W	3,711	7,571	8,075
Old Harbour, St. Catherine	Old Harbour Rd / Lennonsville Rd	12/08/03	Fr Lennonsville Rd - N	117	254		-	-	Fr Old Harbour Rd - E	2,422	4,615	Fr Old Harbour Rd - W	2,167	4,543	4,706
Old Harbour, St. Catherine	Old Harbour Rd / Succabo Rd	12/08/03	Fr Succabo Rd - N	845	1,562		-	-	Fr Old Harbour Rd - E	4,035	7,822	Fr Old Harbour Rd - W	3,949	8,274	8,829
Old Harbour, St. Catherine	Bannister Rd / Lennonsville Rd / Colbeck Rd / Darlington Dr	13/08/03	Fr Colbeck Rd - N	264	556	Fr Darlington Dr - S	2,635	5,415	Fr Bannister Rd - E	2,566	4,971	Fr Lennonsville Rd - W	114	216	5,579
Old Harbour, St. Catherine	Dolphin Way / Marlin Way / Dolphin Cres	14/08/03	Fr Dolphin Cres - N	208	336	Fr Dolphin Cres - S	166	498	Fr Dolphin Way - E	252	402	Fr Marlin Way - W	238	492	864
Old Harbour, St. Catherine	Bannister Rd / Claremont Blvd	15/08/03	Fr Bannister Main Rd - N	1,506	3,070	Fr Bannister Main Rd - S	2,211	4,560	Fr Claremont Blvd - E	1,105	2,014		-	-	4,822
Spanish Town Bypass, St. Catherine	Spanish Town Bypass / Windsor Rd (Salt Factory)	05/01/04	Fr: Lower Oxford Rd - N	4,175	5,249	Fr: Windsor Rd - S	1,195	2,203	Fr: Spanish Town Bypass - E	9,429	18,640	Fr: Spanish Town Bypass - W	8,166	19,838	22,965
Spanish Town Bypass, St. Catherine	Spanish Town Bypass / March Pen Rd	06/01/04	Fr: March Pen Rd - N	3,289	5,944	Fr: March Pen Rd - S	1,122	1,951	Fr: Spanish Town Bypass - E	10,583	21,612	Fr: Spanish Town Bypass - W	9,412	19,305	24,406
Spanish Town Bypass, St. Catherine	Spanish Town Bypass / Salt Pond Rd / White Church St	07/01/04	Fr: White Church St - N	1,555	4,417	Fr: Salt Pond Rd - S	4,557	9,242	Fr: Spanish Town Bypass - E	8,483	15,537	Fr: Spanish Town Bypass - W	10,338	20,670	24,933
Spanish Town Bypass, St. Catherine	Spanish Town Bypass / Port Henderson Rd	08/01/04	Fr: Port Henderson Rd - N	1,583	6,755	Fr: Port Henderson Rd - S	2,765	4,190	Fr: Spanish Town Bypass - E	9,898	17,404	Fr: Spanish Town Bypass - W	7,404	14,951	21,650
Spanish Town Bypass, St. Catherine	Spanish Town Bypass / Michael Manley Dr	13/01/04	Fr: Michael Manley Dr - N	971	2,429		-	-	Fr: Spanish Town Bypass - E	9,323	15,975	Fr: Spanish Town Bypass - W	7,624	17,432	17,918
Spanish Town, St. Catherine	Bourkes Rd / Oxford Rd / Lower Oxford Rd	18/09/03	Fr Oxford Rd - N	2,398	7,501	Fr Lower Oxford Rd - S	577	4,153	Fr Bourkes Rd - E	7,141	8,578		-	-	10,116
Spanish Town, St. Catherine	Bourkes Rd / Port Henderson Rd	13/10/03		-	-	Fr: Port Henderson - S	4,626	5,908	Fr: Bourkes Rd - E	4,444	12,052	Fr: Bourkes Rd - W	4,993	10,166	14,063

Table C (cont'd) – Rural Traffic Counts 2003-2004

Parish/Location	Location	Date	N. Corridor Name	NORTH N. Corridor	S. Corridor Name	SOUTH	S. Corridor	E. Corridor Name	EAST	E. Corridor	W. Corridor Name	WEST	W. Corridor	Total Intersection Volume	
Spanish Town, St. Catherine	Barrett St / Bourkes Rd	14/10/03	Fr: Barrett St - N	5,209	10,766		-	-	Fr: Bourkes Rd - E	7,632	18,266	Fr: Bourkes Rd - W	7,704	12,058	20,545
Spanish Town, St. Catherine	Bourkes Rd / March Pen Rd / Young St	15/10/03	Fr: Young St - N	6,102	6,102	Fr: March Pen Rd - S	1,502	3,084	Fr: Bourkes Rd - E	3,705	8,722	Fr: Bourkes Rd - W	354	5,418	11,663
Spanish Town, St. Catherine	Bourkes Rd / White Church St / Salt Pond Rd	16/10/03	Fr: White Church Street - N	1,691	4,128	Fr: Salt Pond Rd - S	3,036	4,953	Fr: Bourkes Rd - E	5,438	11,329	Fr: Bourkes Rd - W	6,106	12,132	16,271
Spanish Town, St. Catherine	Twickenham Pk Rd / Bourkes Rd / Sligoville Rd / McNeil Blvd	16/10/03	Fr McNeil Blvd N	1,070	2,101	Fr Bourkes Rd - S	12,098	21,040	Fr Twickenham Pk Rd - E	6,331	15,940	Fr Sligoville Rd - W	3,661	7,239	23,160
Spanish Town, St. Catherine	Twickenham Pk Rd / McNeil Blvd	21/10/03	Fr McNeil Blvd - N	1,222	2,159		-	-	Fr Twickenham Pk Rd - E	7,442	17,425	Fr Twickenham Pk Rd - W	9,084	15,912	17,748
Spanish Town, St. Catherine	Twickenham Pk Rd / Michael Manley Dr	22/10/03		-	-	Fr Michael Manley Dr - S	912	1,746	Fr Twickenham Pk Rd - E	5,587	15,473	Fr Twickenham Pk Rd - W	10,117	16,013	16,616
Spanish Town, St. Catherine	Brunswick Ave / Eltham Main Rd / Job Ln	23/10/03	Fr Eltham Main Rd - N	2,234	4,362	Fr Job Ln - S	889	1,906	Fr Brunswick Ave - E	7,262	15,150	Fr Brunswick Ave - W	6,543	12,438	16,928
Whitehall, St. Mary	Whitehall with rds to Port Maria / Highgate / Martins / Islington	03/12/03	Fr Islington - N	210	429	Fr Highgate - S	234	501	Fr Martins - E	733	1,550	Fr Port Maria - W	795	1,464	1,972

Source: National Works Agency

Table D IADB Road Rehabilitation Contracts - Progress Summary to 7 April 2004

Parish	Contract	Contractor	Length (km)	Original Contract Sum	Variations	Revised Contract Sum **	Cost Fluctuations to Date	Contractual Claims to date	Outturn Cost Forecast ***	WSP Outturn Cost Recommendation ****	Payment Certified @ 7 April 2004	Expenditure as % of WSP Outturn Cost Recommendation	Comments
CLARENDON	ERF/1419/02 Four Paths to Mocho	Build-Rite Construction Co Ltd	9.01	46,926,520	1,863,418.80	45,121,938.80	2,487,103.86	nil	47,609,042.66	51,000,000.00	29,318,295.00	57	Contractor has requested taking over, remedials to concrete work and resolution of contractual claims required.
	ERF/1419/03 Mocho to Smithville	S G Simpson Asphaltting Company Limited	14.9	40,985,022	4,533,301.00	41,374,323.00	0.00	nil	41,374,323.00	45,000,000.00	38,971,001.81	87	Contractor has requested taking over, remedials to concrete work and resolution of contractual claims required.
	ERF/1419/04 Summerfield to Thompson Town	S G Simpson Asphaltting Company Limited	13.78	34,429,540	2,834,451.98	34,119,991.98	0.00	nil	34,119,991.98	38,000,000.00	23,663,697.50	62	Contractor has requested taking over, remedials to concrete work and resolution of contractual claims required.

Table D (cont'd) - IADP Progress Summary to 7th April 2004

Parish	Contract	Contractor	Length (km)	Original Contract Sum	Variations	Revised Contract Sum **	Cost Fluctuations to Date	Contractual Claims to Date	Outturn Cost Forecast ***	WSP Outturn Cost Recommendation ****	Payment Certified @ 7 th April 2004	Expenditure as % of WSP Outturn Cost Recommendation	Comments
MANCHESTER ER	ERF/1419/18 Four Paths to Parnassus & Parnassus to Race Course	Surrey Paving	17.55	24,051,100	4,295,876.72	25,726,976.72	0.00	nil	25,726,976.72	30,000,000.00	9,785,584.70	33	Construction ongoing
	ERF/1419/11 Coleville to Ballynure	BF Pavements & Consultants	13.2	20,581,980	6,284,023.48	25,004,003.48	0.00	nil	25,004,003.48	29,000,000.00	19,936,896.00	69	Construction ongoing, remedials to concrete work required
	ERF/1419/12 Gut River to Milk Pen	Pavement & Structures	13.12	18,824,075	4,554,611.00	21,198,686.00	0.00	nil	21,198,686.00	25,000,000.00	11,727,351.00	47	Contractor has requested taking over, remedials to concrete work and resolution of contractual claims required.
ST. CATHERINE	ERF/1419/08 Browns Hall to Ginger Ridge	Pavement & Structures	9.6	48,703,750	4,047,344.00	48,571,094.00	0.00	nil	48,571,094.00	56,000,000.00	39,236,573.00	70	Construction nearing completion, remedials to concrete work and resolution of contractual claims required

Table D (cont'd) – IADP Progress Summary to 7th April 2004

Parish	Contract	Contractor	Length (km)	Original Contract Sum	Variations	Revised Contract Sum **	Cost Fluctuations to Date	Contractual Claims to Date	Outturn Cost Forecast ***	WSP Outturn Cost Recommendation ****	Payment Certified @ 7 th April 2004	Expenditure as % of WSP Outturn Cost Recommendation	Comments
ST. CATHERINE	ERF/1419/09 Colbeck to Bois Content	Alcar Construction & Haulage	11.07	33,128,260	6,425,935.00	36,210,195.00	3,523,702.92	nil	39,733,897.92	43,000,000.00	36,199,610.00	84	Contractor has requested taking over, remedials to concrete work and resolution of contractual claims required.
	ERF/1419/10 Bois Content to Sandy Ground & Bellas Gate to Gold Mine	Alcar Construction & Haulage	8.5	40,311,860	4,266,985.00	40,634,845.00	3,343,817.60	nil	43,978,662.60	46,000,000.00	36,092,013.00	78	Contractor has requested taking over, remedials to concrete work and resolution of contractual claims required.
ST. ELIZABETH	ERF/1419/05 Lacovia to Vauxhall	Build-Rite Construction Co Ltd	12.47	55,070,754	2,035,127.00	51,065,881.00	9,062,580.62	nil	60,128,461.62	62,000,000.00	46,998,921.00	76	Contractor has requested taking over, resolution of contractual claims required.

Table D (cont'd) – IADP Progress Summary to 7th April 2004

Parish	Contract	Contractor	Length (km)	Original Contract Sum	Variations	Revised Contract Sum **	Cost Fluctuations to Date	Contractual Claims to Date	Outturn Cost Forecast ***	WSP Outturn Cost Recommendation ****	Payment Certified @ 7 th April 2004	Expenditure as % of WSP Outturn Cost Recommendation	Comments
ST. ELIZABETH	ERF/1419/06 Vauxhall to Union	BF Pavements & Consultants	12.38	63,044,915	-5,160,703.00	52,084,212.00	6,688,720.73	nil	58,772,932.73	60,000,000.00	48,065,025.00	80	Contractor has requested taking over, remedials to concrete work and resolution of contractual claims required.
	ERF/1419/07 Wilton to Union	Robertson's Motor Service Co Ltd	16.06	59,775,250	337,425.00	54,084,725.00	0.00	nil	54,084,725.00	60,000,000.00	43,452,212.75	72	Construction nearing completion, remedials to concrete work required
	ERF/1419/17 YS to Maggotty	Robertson's Motor Service Co Ltd	9.2	32,324,035	1,266,300.00	30,490,335.00	0.00	nil	30,490,335.00	35,000,000.00	19,419,168.75	55	Construction ongoing, remedials to concrete work required
ST. THOMAS	ERF/1419/13 Hall Head to Negro River Bridge	DP Enterprise Co Ltd	6.05	23,050,280	867,191.00	20,577,471.00	2,787,855.51	nil	23,365,326.51	26,000,000.00	17,961,482.00	69	Construction ongoing, testing of concrete required
	ERF/1419/15 Lloyds to Lowe Mountain	DP Enterprise Co Ltd	4.34	25,732,500	2,557,520.00	24,950,020.00	2,158,933.21	nil	27,108,953.21	30,000,000.00	13,909,487.00	46	Construction ongoing, testing of concrete required

Table D (cont'd) – IADP Progress Summary to 7th April 2004

Parish	Contract	Contractor	Length (km)	Original Contract Sum	Variations	Revised Contract Sum JS**	Cost Fluctuations to Date	Contractual Claims to Date	Outturn Cost Forecast ***	WSP Outturn Cost Recommendation ****	Payment Certified @ 7 th April 2004	Expenditure as % Of Outturn Cost Recommendation	Comments
ST. THOMAS	ERF/1419/16 Thornton to Golden Valley	Ian Johnson Equipment Rental	4.91	19,625,620	697,200.00	17,482,820.00	2,257,588.69	nil	19,740,408.69	21,000,000.00	17,086,060.50	81	Contractor has requested taking over, remedials to concrete work required.
	ERF/1419/19 Soho to Seaforth **	Alcar Construction & Haulage	1.92	7,620,800	2,009,495.00	8,130,295.00	537,352.76	nil	8,667,647.76	9,000,000.00	6,759,110.00	75	Contractor has requested taking over, remedials to concrete work and resolution of contractual claims required
	TOTAL		178.06	594,186,261	43,715,502	576,827,813	32,847,656	nil	609,675,469	666,000,000	458,582,489.01	69	

Source: National Works Agency

* Includes Contingency Sums to be used for Variations and Cost Fluctuations.

** Original Contract Sum less Contingency Sums + Variations to date.

*** Original Contract Sum less Contingency Sums + Variations to date + Cost Fluctuations to date.

**** Recommended by WSP for budgetary purposes - considers original contract sum less contingency sums + Variations+ cost of fluctuations to date + allowance for further costs for additional works, cost fluctuations and contractual claims.

NB 1) Actual Outturn costs will be largely dependent on the extent to which contractors pursue additional payment for cost fluctuations and contractual claims, and NWA's policy on invoking the liquidated damages clauses in the contracts.
 2) The approximate value of liquidated damages for the 17 contracts, subject to the resolution of contractual claims, is estimated by WSP to be in the order of 20 million.

Table E Urban Rural Township Rehabilitation and Maintenance Programme 2003-2004

Package	Length	Contractor	Contract Sum	Parishes	Status	Progress
1A	3.84	Cornwall Asphalt	\$ 42,368,451.00	St. James	Defects Being Rectified. Final Account Imminent	Completed
1B	4.86	B F Pavement	\$28,770,750.00	Hanover	Defects Being Rectified. Final Account Imminent	99%
1C	* 8.25	D R Foote	\$53,702,905.00	Westmoreland	Defects Being Rectified. Awaiting Final Account	99%
1D	* 5.79	Build Rite	\$29,824,280.00	Trelawny	Taking Over. Final Account Completed	Completed
1 NWA	6.03	NWA	\$29,549,359.23	St James	Taking Over. Final Account Completed	Completed
2	* 3.60	Asphalting Specialists	\$207,177,917.00	St. Mary	Taking Over. Final Account Imminent	Completed
	10.58			St. Elizabeth	Taking Over	Completed
	10.29			Saint Ann	QA Reviewing Documentation For Taking Over	Completed
	20.24			Ocho Rios	QA Reviewing Documentation For Taking Over	Completed
3	* 18.96	Build Rite	\$221,157,191.00	Clarendon	QA Reviewing Documentation For Taking Over	Completed
	15.34			Manchester	Taking Over. Final Account Imminent	Completed
9	* 15.43	Construction Solutions	\$73,959,694.00	Portland, St Thomas	QA Reviewing Documentation For Taking Over	Completed
10	* 12.37	Alcar Construction	\$73,341,350.00	Saint Catherine	Taking Over. Final Account Imminent	Completed
5	* 9.77	Asphaltic Concrete	\$119,307,770.05	Kingston, St Andrew	Taking Over. Final Account Completed	Completed
6	* 11.69	General Paving	\$151,771,244.00	Kingston, St. Andrew	NOT AWARDED	
7 (1)	2.85	Rollers	\$13,996,250.00	Kingston, St. Andrew	Taking Over. Final Account Imminent	Completed
(2)	6.59	Chins	\$40,017,450.00		Taking Over. Final Account Imminent	Completed
(3)	3.16	Hydav	\$22,016,301.00		Taking Over. Final Account Imminent	Completed
(4)	1.25	Chins	\$8,408,250.00		Taking Over. Final Account Imminent	Completed
(5)	3.97	Mega B	\$15,692,060.00		Taking Over. Final Account Imminent	Completed
(6)	5.22	Rollers	\$20,977,890.00		Taking Over. Final Account Imminent	Completed
(7)	4.20	YP Seaton	\$19,455,880.00		Taking Over. Final Account Imminent	Completed
(8)	4.37	Chicon	\$20,608,020.00		Taking Over. Final Account Imminent	Completed
8 (1)	7.99	Asphalting Specialist	\$42,620,120.00	Kingston, St. Andrew	Taking Over. Final Account Imminent	Completed
(2)	8.05	General Paving	\$42,669,455.00		Taking Over. Final Account Imminent	Completed
TOTAL	204.69		\$1,247,503,318.00			

Source: National Works Agency

* Design, rehabilitation and maintenance for five (5) years

Note: Three major towns were included - Santa Cruz (St. Elizabeth), Negril (Westmoreland) and Ocho Rios (St. Ann).

Table F KFAED/GOJ - Kuwait Fund Assisted Road Rehabilitation Project: Progress Report for Period March 2004

Rehabilitation Programme	Road Length (km)	Original Contract	Revised Contract	Parish	Start Date	Completion Date	Funding	Expenditure to Date	Progress
KUWAIT <i>Contractor: Asphaltic Enterprises Limited</i> Contract # 40									7%
Lot 2: Spanish Town Bypass	5.0	317,498,369.00	218,633,034.00	St. Catherine	23/10/2002	22/6/2004	US\$ 40% JM\$ 60%	402,734.36 48,831,541.12 29,298,924.67	
<i>Contractor: Langan Holdings/Surrey Paving Joint Venture</i> Contract # 41									96%
Lot 4: Whitney Turn to Trinity	3.46			Manchester					
Lot 6: Williamsfield to Greenvale	11.50			Manchester			US\$ 50%	2,490,601.31	
Lot 9: Mandeville to Mark Post	7.80	208,136,324.65	221,254,774.48	Manchester	01/11/2002	23/10/2003	JM\$ 50%	241,090,207.16 120,545,103.58	
<i>Contractor: Surrey Paving & Aggregates</i> Contract # 42									70%
Lot 13: Stony Hill - Toms River	12.84	200,427,839.65	200,427,839.65	St. Andrew	28/10/2002	22/6/2004	US\$ 50% JM\$ 50%	487,816.64 47,220,650.32 23,610,325.16	
OPEC <i>Contractor: Langan Holdings/Surrey Paving Joint Venture</i> Contract # 44									18%
Lot 16: Torrington to Galloway	8.88			Westmoreland					
Lot 19: Truro Gate to Locust Tree	6.30			Westmoreland			US\$ 50%	1,434,541.74	
Lot 26: Luana to Sandy Ground	5.90	235,976,415.95	247,426,380.33	St. Elizabeth	23/07/2003	23/6/2004	JM\$ 50%	138,863,640.07 69,431,820.04	

Source: National Works Agency

Table G Flood Drain Mitigation Programme (May 2003): Status as at March 31, 2004

Parish	Drain Mitigation Project	Budget ()	Budget Total per Parish ()	Contractor	Contract Sum ()	Expenditure to Date ()	Percentage Completion (%)	Type of Works
ST. CATHERINE	<i>Portmore Drains</i>	19,349,203.00		Y. P. Seaton	14,563,612.00	14,220,945.84	100%	Clearing and regulation
	<i>McVickers Gully</i>	12,899,469.00		To be awarded				
	<i>Town Gully</i>	13,199,292.00		Y. P. Seaton	12,927,036.60	592,078.00	0%	
	<i>Job Lane</i>	8,599,646.00		Professional Haulage Const.	7,000,000.00	140,000.00	0%	
	<i>Heartlands</i>	12,899,469.00		Edwards Construction	6,447,797.00	430,000.00	0%	
	<i>Nightingale Grove</i>	4,299,823.00		Professional Haulage Const.	3,148,890.00	100,000.00	0%	
	<i>Kent Village</i>	14,199,105.00		National Works Agency		17,038,070.00	100%	Bunding
	<i>Big Pond</i>	835,241.00		Beckford & Dixon (Consultants)		333,200.00	10%	Hydraulic study completed
	<i>Burke Road Drain</i>	3,670,483.00		LC Construction & D.P. Enterpiz	3,043,905.00	2,777,200.00	100%	Clean gully/drain
Parish Total			89,951,731.00	Raymond Soares (Africa Drain)	1,000,000.00	984,000.00		Clean gully/drain
ST. THOMAS	<i>Yallahs</i>	9,187,656.00		NWA & Private Contractors		7,213,285.00	100%	Desilting; realign R/Channel; Embank reinf.
	<i>Bamboo River</i>	8,352,415.00		ditto		5,226,820.00	60%	Embank reinf.
	<i>Mandicot</i>	10,022,897.00		NWA & Private Contractors		3,703,100.00	100%	Desilting; realign R/Channel; Embank reinf.
	<i>Ten Miles (Bull Park)</i>	13,363,863.00		ditto		13,363,863.00	100%	
Parish Total			40,926,831.00					
KSAC	<i>Marcus Garvey Drive</i>	22,217,423.00		Beckford & Dixon (Consultants)	316,105.00	316,105.00	20%	
	<i>Chalky River (Nine Miles)</i>	20,293,026.00		NWA & Private Contractors	3,990,400.00	6,469,040.00	80%	Desilting; Embank reinf.
	<i>Hope River</i>	2,505,724.00		S. Green & Associates		3,990,400.00	100%	Desilting; Embank reinf.
Parish Total			45,016,173.00					

Table G (cont'd) – Flood Drain Mitigation Programme 2003-2004

Parish	Drain Mitigation Project	Budget ()	Budget Total per Parish ()	Contractor	Contract Sum ()	Expenditure to Date ()	Percentage Completion (%)	Type of Works
ST. ELIZABETH	<i>Treasure Beach/Great Bay</i>	4,176,207.00		Lorgay Const. & Equip. Ltd.	3,905,000.00	4,207,040.00	95%	Conc. U Drain
	<i>Santa Cruz Drain</i>	3,670,483.00						
Parish Total			7,846,690.00					
CLARENDON	<i>Osbourne Store/Jacks Gully</i>	25,798,938.00		To be awarded (Pkg. #1)				
				Sealand Electrical Sales& Ser.	80,360.00	80,360.00		
				To be Awarded (Pkg. #2)				
				Ezekiel Stewart Build Rite Constr. (pkg. #3)	4,000.00 16,529,828.50	4,000.00 894,780.00	10%	Surveys and setting out completed
Parish Total			25,798,938.00					
GRAND TOTAL		209,540,363.00			72,956,934.10	82,084,286.84	O/all comp. 51%	

Source: National Works Agency

Table H Parish Council Flood Damage Roads (May 2003): Status at March 31, 2004

Parish	Name of Road	Description	Length/ Quantity	Revised Allocations (\$J)	Expenditure ()	Contractor	Contract Value ()	Percentage Completion (%)
ST. CATHERINE	Ashley Road	Random Rubble wall		1,700,000.00	1,699,550.00	Alcar Construction & Haulage	1,700,000.00	100%
	Grateful Hill	Road Rehab.		-			-	
	Point Hill/Gorden Hill	Road Rehab.		2,000,000.00	1,998,650.00	L.C Construction	2,000,000.00	100%
	Lucky Valley, Bog Walk	Random Rubble wall		700,000.00	697,950.00	L.C Construction	700,000.00	100%
	Clarkes Town	Road Rehab.	1.45 km.	-			-	
	Burke Hill	Road Rehab. Random Rubble wall	0.75 km.	3,900,000.00	3,899,860.00	L.C Construction	3,900,000.00	100%
	Braeton Phase 1	Drainage		1,200,000.00	1,199,900.00	Rowtown Building Systems	1,200,000.00	100%
	Lower W/Henderson Blvd.	Drainage		-				
	Below Kensington Primary Sch.	Drainage		-				
	Spaulding Grds/McNiel Blvd.	Drainage		900,000.00	896,360.00	Reliance Construction	900,000.00	100%
Total				10,400,000.00	10,392,270.00		10,400,000.00	
ST. MARY	Road #75 Hopewell	Random Rubble wall		3,637,400.00	-	D'wights Construction Company Limited	-	0%
	Fort George - Cumsee P/C Rd. (\$1.0m Omitted)	Road Rehab.		-			-	0%
	Zion Hill Old Road	Pavement Restoration		765,600.00				0%
	Shad Pan Corner	Pavement Restoration		616,000.00				0%
	Peter's Field	Pavement Restoration		840,000.00				0%
	Crescent Road	Pavement Restoration		975,000.00				0%
	Barker Road	Pavement Restoration		876,000.00				0%
	Montregale - Machine	Clear Landslip		200,000.00	200,000.00	Israel Transport and Heavy Equipment	200,000.00	100%
	Baxter's Mountain Road	Repair Bridge Deck		90,000.00	90,000.00	C. H. Latouche Company Limited	90,000.00	100%
Total			8,000,000.00	290,000.00		290,000.00		

Table H (cont'd) – PC Flood Damage Roads 2003-2004

Parish	Name of Road	Description	Length/ Quantity	Revised Allocations (\$J)	Expenditure ()	Contractor	Contract Value ()	Percentage Completion (%)
PORTLAND	Berrydale – Dumphries (P/C Road No. 96)	Clear Blocked Roads & Drains		705,700.00	705,700.00	Renford Cain & Rupert Miller	705,700.00	100%
	Block Hall - Orange Bay (P/C Road No. 126)	ditto		342,360.00	342,360.00	Cleon Gordon & Rupert Miller	342,360.00	100%
	Spring Garden - Diam. Rdg.	Clear Blocked Drains		79,500.00	79,500.00	David Sutherland	79,500.00	100%
	Mount Oakley Road (P/C Road No. 48A)	Clear Blocked Roads & Drains		540,950.00	540,950.00	Rupert Miller	540,950.00	100%
	Bangor Ridge – Balcarres (P/C Road No. 160)	Clear Blocked Drains		146,000.00	146,000.00	Kenneth DaCosta & Harnold Spleen	146,000.00	100%
	Rose Hall - Bybrook Road (P/C Road No. 149)	ditto		171,500.00	171,500.00	Ancel Nelson & Rupert Stewart	171,500.00	100%
	Sea View Farm Road (P/C Road No. 86B)	Clear Blocked Roads & Drains		345,309.00	345,309.00	Rupert Miller	345,309.00	100%
	Boundbrook Avenue	ditto		786,075.00	786,075.00	Rupert Miller	786,075.00	100%
	Kildare Land Settlement	ditto		150,000.00	150,000.00	Lotus Construction Co. Ltd.	150,000.00	84%
	Sway Bridge Road (P/C Road No. 14A)	Clear Blocked Drains		360,000.00	360,000.00	Rupert Miller	360,000.00	100%
	Bangor Ridge - St. Bernard (P/C Road No. 155)	Clear Blocked Roads & Drains		420,000.00	420,000.00	N. Burgess, H. Sutherland, R. Reece & D. McNee	420,000.00	100%
	Wydah Sub Division (P/C Road No. 101D)	ditto		322,220.00	322,220.00	Lynden Edwards	322,220.00	100%
	Long Bay Pen (P/C Road No. 25)	Clear Blocked Drains		211,700.00	211,700.00	E. Neufville & William Brown	211,700.00	100%
	Back Rock - Commodore	ditto		360,000.00	360,000.00	Shron Hill, Voilet Panton & W. Anderson	360,000.00	100%
	Mt. Vernon - Hart Hill	Clear Blocked Drains		45,000.00	45,000.00	Lotus Construction Co. Ltd.	45,000.00	78%
	Providence Road	Clear Blocked Roads		10,000.00	10,000.00	Leroy Guinness	10,000.00	100%
	Tom's Hope Road	Clear Blocked Drains		538,600.00	538,600.00	Rupert Miller	538,600.00	100%
	Providence Road	Clear Blocked Roads		299,840.00	299,840.00	A Robinson, L. Gordon, F. Weir, A. Palmer T. Whyte & L. Edwards	299,840.00	100%

Table H (cont'd) – PC Flood Damage Roads 2003-2004

Parish	Name of Road	Description	Length/ Quantity	Revised Allocations (\$J)	Expenditure ()	Contractor	Contract Value ()	Percentage Completion (%)
PORTLAND (cont'd)	P/C Road No. 6B (F/Away)	Clear Blocked Drains		824,450.00	824,450.00	Rupert Miller, L. Donegon & P. Cargill	824,450.00	100%
	Forty Acres			96,000.00	96,000.00	Lotus Construction Co. Ltd.	96,000.00	85%
	Rodney Hall - Orange Bay			1,297,736.00				
	Kildare Land Settlement			300,450.00				
	Mt. Vernon - Hart Hill			405,200.00				
	Forty Acres			78,432.00				
	Sommers Lane			162,978.00				
Total				9,000,000.00	6,755,204.00		6,755,204.00	
WESTMORELAND	York Mountain (\$3.0 M Omitted)	Road Rehab.		-	-		-	
	Frome (\$1.0 M Omitted)	Road Rehab.		-			-	
	Orange Hill (\$4.0 M Omitted)	Road Rehab.		-			-	
	McNeil Lands	Clean Side Drain & River Channels		1,840,300.00	840,000.00	DR Foote Construction	1,840,300.00	50%
	Bethel Town Housing Shm.	Road Rehab.		1,435,910.00	1,435,884.00	Sanjon Construction	1,435,910.00	100%
	Chilton	Road Rehab.		1,435,910.00	1,435,908.00	Sanjon Construction	1,435,910.00	100%
	Camp Savannah Road	Road Rehab.		1,840,300.00	1,833,793.00	Michael Gooden	1,840,300.00	100%
	Logwood Road	Road Rehab.		3,999,670.00	3,999,435.00	Neville Diaram	3,999,670.00	100%
	Cedar Valley Road	Road Rehab.		1,435,910.00	1,435,884.00	Sanjon Construction	1,435,910.00	100%
	York Road	Random Rubble Wall		1,012,000.00	1,011,975.00	Sanjon Construction	1,012,000.00	100%
Total				13,000,000.00	11,992,879.00		13,000,000.00	
KSAC	Tower Hill/Lime Tree, Dustry Rd & Peter Rock	Reopening of blocked roads		-				
	Flamstead Rd., Halls			1,280,000.00	1,280,000.00	S. Green & Associates Company Limited		
	Delight & West Phalia	Cleaning of silt and debris		100,000.00	487,750.00 100,000.00	D.P. Enterprises Company Limited	1,080,300.00	100%
	Salt Hill Road	ditto		30,000.00	30,000.00		487,750.00	100%
	Nimbus Avenue	ditto		30,000.00	30,000.00			100%

Table H (cont'd) – PC Flood Damage Roads 2003-2004

Parish	Name of Road	Description	Length/ Quantity	Revised Allocations (\$J)	Expenditure ()	Contractor	Contract Value ()	Percentage Completion (%)
KSAC (cont'd)	Harbour Drive	Retaining Wall & Culvert		1,130,150.00	1,130,150.00	K.K. Construction & Associates		100%
	Lime Tree Road	Retaining Wall		757,650.00	757,650.00	K.K. Construction & Associates	1,130,150.00	100%
		Restoration of Rd. Surf.		546,000.00	546,000.00	K.K. Construction & Associates	757,650.00	
	Essex Hall	Reopening of blocked roads				Milton King		
	Property Road	ditto				Milton King		
	Castle James Road	ditto				Milton King		
	Belair Access Road	ditto				Milton King		
	Mt. Sinai	ditto				Milton King		
	Mt. Pleasant Old Road	ditto				Milton King		
	Baker Ridge Road	ditto				Milton King		
	Mt. Spring	Retaining Wall		288,000.00	288,000.00	Milton King	288,000.00	100%
	Essex Hall Road			838,200.00				0%
Total				5,000,000.00	4,649,550.00		4,289,850.00	
ST. ANN	Lodge - Mile End – Union (P/C Road No. 2)	Road Rehab.		5,074,041.00	3,990,975.00	Morris Hill Limited	5,074,041.00	92%
	Colegate – Dunnsville (P/C Road No. 12)	Road Rehab.		2,774,747.00				0%
	To be Assigned			151,212.00				0%
Total				8,000,000.00	3,990,975.00		5,074,041.00	
ST. JAMES	Paisley Road	Lay 900 dia. Culvert Const. Conc. Spillway & restore rd. surface		2,500,000.00	1,198,500.00	Sovereign Resource U.K Ltd.	2,499,850.00	75%
	Spring Mount - Burnt Ground (Road No. 196)	Random Rubble wall	810 c.m.	2,000,000.00	1,995,060.00		1,995,060.00	100%
	North Gully	Clear Debris and Silt from Gully		800,000.00	800,000.00	M & K Heavy Equipment Ltd.	800,000.00	100%
	Church Street	Clear Debris and Silt from Drain		-				
	Market street	ditto		-				

Table H (cont'd) – PC Flood Damage Roads 2003-2004

Parish	Name of Road	Description	Length/ Quantity	Revised Allocations (\$J)	Expenditure ()	Contractor	Contract Value ()	Percentage Completion (%)
ST. JAMES (cont'd)	Union Street	ditto		-				
	Railway Lane/Abattoir	ditto		-				
	Barracks Road	ditto		-				
	Bevin Avenue	ditto		-				
	William Street/Emb Place	ditto		-				
	St. James Street	ditto		-				
	Barnett Oval	ditto		-				
	Mount Salem	ditto		-				
	Catherine Hall/West Green	ditto		-				
	Flankers/Coral Gardens	ditto		200,000.00	200,000.00	Lancelot Hillock	200,000.00	100%
	Glendevon (Felicity)	Const. Conc. Spillway		500,000.00				0%
Total				6,000,000.00	4,193,560.00		5,494,910.00	
MANCHESTER	Garden Banks	Rip Rap Cross Drain		-	1,020,000.00	Burchell McLarty & Company Ltd.	698,152.00	100%
	Top Green Pond	Road Rehab.		-		Burchell McLarty & Company Ltd.	2,604,300.00	0%
	Heron Bush	Road Rehab.		-		Burchell McLarty & Company Ltd.	2,566,770.00	0%
	Broad Leaf - Porus	Road Rehab.		-		Burchell McLarty & Company Ltd.	2,255,000.00	0%
	Bottom St. Toolis	Road Rehab.	4.45 km.	-		Pryce Construction Ltd.	3,021,030.00	0%
	Ramble - Green Pond	Road Rehab.	9.81 km.	-		Pryce Construction Ltd.	13,936,000.00	0%
	Harmons	Road Rehab.		16,000,000.00				
	Other Projects to be named	Road Rehab.		4,000,000.00				
Total				20,000,000.00	1,020,000.00		19,212,030.00	
ST. ELIZABETH	Buena Vista - Warminister P/C Rd. (\$300,000.00 Omitted)	Road Rehab.	1.15 km.	-			-	
	Hopeton - Russells P/C Road (\$250,000.00 Omitted)	Road Rehab.	0.98 km.	-			-	
	Springvale P/C Road	Road Rehab.		1,103,788.00	750,000.00	V.O. & J Heavy Equipment	1,103,788.00	70%

Table H (cont'd) – PC Flood Damage Roads 2003-2004

Parish	Name of Road	Description	Length/ Quantity	Revised Allocations (\$J)	Expenditure ()	Contractor	Contract Value ()	Percentage Completion (%)
St. Eliz. (cont'd)	Brighton P/C Road	Road Rehab.		1,000,000.00			1,000,000.00	10%
	Kilmurray P/C Road	Road Rehab.		896,212.00	895,915.00	Lascar Fencing & Construction Ltd.	895,915.00	100%
Total				3,000,000.00	1,645,915.00		2,999,703.00	
TRELAWNY	Granville (Road No.32)	Patching		250,000.00	250,000.00	Webster Minto	250,000.00	100%
	Davis Pen (Road No.7)	Repair Fording		100,000.00	99,991.42	Revel Earle	100,000.00	100%
	Bamboo Spring (Road No. 151)	Random Rubble Wall		125,000.00		Denton Banton	125,000.00	45%
	Albert Town (Road No. 136)	Road Rehab.		600,000.00	600,000.00	Carlos Brown	600,000.00	100%
	Falmouth (Road No. 1)	Repair Kerb & clean blocked drains		350,000.00	126,500.00 7,200.00	Patrick Ferguson	350,000.00	50%
	Joe Hut (Road No. 139)	Road Rehab.		225,000.00	225,000.00	Carlos Brown	225,000.00	100%
	Stewart Town (Road No. 194)	Road Rehab.		350,000.00	350,000.00	Webster Minto	350,000.00	100%
Total				2,000,000.00	1,658,691.42		2,000,000.00	
ST. THOMAS	Beacon Hill Road	Retaining Wall		1,500,000.00	1,304,053.17	Hydav Construction Co. Ltd.	1,499,077.60	100%
	Sommerset	Retaining Wall		3,500,000.00		Gabion & Structures		
	Georgia Fording (Omitted) \$2.5m	R/R Wall (Omitted)		-				
	a) John Crow Hill	Retaining Wall		1,200,000.00	1,199,100.19	H & A Davis & Sons Ltd.	1,199,100.19	100%
	b) Font Hill	Under Pinning Wall		450,000.00	471,858.40	Ian Johnson Equip Rental & Const.	435,929.20	100%
	c) Shady Spring	Retaining Wall		550,000.00	549,970.00	Mystic Haulage Construction	549,970.00	100%
Total				7,200,000.00	3,524,981.76		3,684,076.99	
CLARENDON	Woodside Road	Clear block roads		620,000.00	300,000.00	S.G Simpson Construction	620,400.00	100%
	Sheckles	Retaining Wall		2,930,000.00	2,678,653.90	Epic Construction Development	2,930,000.00	100%
	Wood Hall Road	Conc. U drain	100 m ³	1,800,000.00	1,816,471.40	Berts Construction Works	1,691,576.20	100%
		Kerb & Channel Omitted (\$4.4m)	11.4 m 18.0 m					

Table H (cont'd) – PC Flood Damage Roads 2003-2004

Parish	Name of Road	Description	Length/ Quantity	Revised Allocations (\$J)	Expenditure ()	Contractor	Contract Value ()	Percentage Completion (%)
CLARENDON (cont'd)	John's Hall - Burn Cedar	Road Rehab.		-				
	a) Hickle Road (Smith Shop)	Road Rehab.		1,100,000.00	1,100,200.00	Epic Construction Development	1,100,000.00	100%
	b) Crofts Hill Housing Sch.	Road Rehab.		2,500,000.00	2,499,750.00	Epic Construction Development	2,500,000.00	100%
	c) Long Salem	Road Rehab.		800,000.00	980,000.00	Epic Construction Development	800,000.00	100%
	Trout Hall Pass	Road Rehab.		5,000,000.00	5,460,000.00	Epic Construction Development	5,000,000.00	100%
	Long Fearon Road	Road Rehab.	0.65 km.	3,400,000.00	3,001,675.00	CAB Construction Co. Ltd.	3,001,675.00	100%
	Bucknor Road	Road Rehab.	3.68 km.	3,000,000.00	2,969,225.00	Build-Rite Construction Co. Ltd.	2,969,225.00	100%
	Rock Road	Road Rehab.		1,300,000.00	1,292,855.00 50,400.00	CAB Construction Co. Ltd. S.G Simpson Construction	1,300,110.00	100%
	Sangsters Heights	Retaining Wall	68 m³	1,200,000.00	1,230,606.50	Berts Construction Works	1,262,318.00	100%
	Cabbage Hill Road	Road Rehab.			398,327.40	CAB Construction	500,000.00	
	Crooked River Top	Road Rehab.		950,000.00	949,900.00	Epic Construction Development	950,000.00	100%
	Windsor Corn Hill	Retaining Wall		1,200,000.00	1,070,919.40	Epic Construction Development	1,200,000.00	100%
	Lampart Road	Road Rehab.		1,300,000.00	1,199,750.00	CAB Construction	1,300,000.00	100%
Total				27,100,000.00	26,998,733.60		27,125,304.20	
GRAND TOTAL				118,700,000.00	77,112,759.78		100,325,119.19	

Source: National Works Agency

Table I Northern Jamaica Development Project 2003-2004

Section	Length (km)	Location	Contractor	Start Date	Original Contract Sum	Revised Contract Sum	Original Completion Date	Revised Completion Date	Actual Completion	Status
South Gully Project		Montego Bay, St. James	Bosung Engineering	June 1999	US\$9.8 Million	US\$13.45	July 2001	August 2001	December 2003	Completed December 2003
Northern Coastal Highway Improvement Project (NCHIP) - Segment I	75	Negril, Westmoreland to Montego Bay, St. James	Bosung Engineering	September 1997	US\$24 Million	US\$71.4 Million	September 1999	May 2002	September 2002	Completed September 2002
Northern Coastal Highway Improvement Project (NCHIP) - Segment II	97	Montego Bay, St. James to Ocho Rios, St. Ann	Jose Cartellone Construcciones Civiles S.A of Argentina (Jose Cartellone)	December 2001	US\$60.4Million	5121.7** Million	June 2004	December 2005		Works ongoing
Northern Coastal Highway Improvement Project (NCHIP) - Segment III	119	Ocho Rios, St. Ann to Fair Prospect, Portland	TO BE AWARDED		Euros \$76* Million		June 2005	May 2008		Contract not yet awarded
TOTAL	291									

Source: National Works Agency

*Budget Estimate

** Sum includes: (1) Expansion of 13km to four lanes
(2) New rates granted effective July 2004

Table J National Road Improvement Programme: Status Report as at November 2003

No.	Roads	Geography	Total Road Length	Start Date	Final Cost	Expenditure to Date	Percentage Completion (Budget)	Percentage Completion (Work)	Required for Completion
<i>CONTRACTOR: SURREY PAVING AND AGGREGATES</i>									
CLARENDON									
1	<i>Alston - Moravia</i>	North West	4.50	01-Oct-01	\$20,884,063.45	\$20,829,191.45	99.74%	Substant. Compl	54,872.00
2	<i>Cave Valley - Trout Hall</i>	Northern	14.85	17-Sep-01	\$63,849,146.50	\$63,733,050.50	99.82%	Practical Comp.	116,096.00
3	<i>Chester Field - Rocky Point</i>	South East	2.80	22-Apr-02	\$17,052,231.00	\$16,471,625.00	96.60%	Practical Comp.	580,606.00
4	<i>Coco Piece - Summerfield</i>	North Central	2.00	11-Mar-02	\$17,912,482.40	\$15,855,027.40	88.51%	Substant. Compl	2,057,455.00
5	<i>Coffee Piece - Quarry (Tweetside)</i>	North West	2.00	23-Oct-02	\$18,288,000.00	\$13,328,426.25	72.88%	60.0%	4,959,573.75
6	<i>Cumberland - White Shop</i>	North West	7.15	01-Oct-01	\$32,019,267.20	\$31,018,556.92	96.87%	Substant. Compl	1,000,710.28
7	<i>Hayes - Dawkins Pan</i>	South East	2.50	04-Mar-02	\$14,977,250.00	\$14,477,250.00	96.66%	Practical Comp.	500,000.00
8	<i>Howard Avenue</i>	Central	1.25	17-Sep-01	\$26,455,936.20	\$26,403,936.20	99.80%	Substant. Compl	52,000.00
9	<i>May Pen - Hayes</i>	Central / South East	8.00	22-Apr-02	\$8,097,250.00	\$8,050,316.33	99.42%	Substant. Compl	46,933.67
10	<i>May Pen - Sevens</i>	Central / South East	5.13	06-Dec-01	\$30,731,481.25	\$30,663,381.25	99.78%	Substant. Compl	68,100.00
11	<i>Race Course - Milk River</i>	South East / South West	15.50	17-Sep-01	\$77,953,009.15	\$74,667,913.31	95.79%	Practical Comp.	3,285,095.84
12	<i>Sandy River - James Hill</i>	Northern	9.90	17-Sep-01	\$37,502,316.48	\$37,479,447.48	99.94%	Practical Comp.	22,869.00
13	<i>Sanginetti - Fearron (Effort)</i>	North West	3.35	23-Oct-02	\$12,183,659.00	\$8,866,106.44	72.77%	Practical Comp.	3,317,552.56
14	<i>Turners - Four Paths</i>	North Central	2.30	11-Mar-02	\$16,846,417.42	\$15,236,417.41	90.44%	Substant. Compl	1,610,000.01
Parish Total			81.23		\$416,245,341.80	\$397,689,884.49			18,555,457.32
MANCHESTER									
15	<i>Dump - Moravia</i>	North West	5.97	11-Mar-02	\$39,616,075.10	\$20,006,399.82	50.50%	65.00%	19,609,675.28
16	<i>Maidstone - St. Pauls</i>	North West	10.85	22-Jan-02	\$35,675,751.00	\$30,602,581.95	85.78%	60.00%	5,073,169.05
17	<i>Mile Gully - Lincoln</i>	North West	20.60	10-Dec-01	\$50,543,671.15	\$50,054,888.89	99.03%	Substant. Comp	488,782.26
18	<i>Old Porus Road</i>	South	2.00	23-Aug-02	\$10,761,155.54	\$10,510,064.84	97.67%	Practical Comp.	251,090.70
19	<i>Pusey Hill - Restore</i>	South	15.20	04-Mar-02	\$30,741,318.00	\$30,573,418.00	99.45%	Substant. Comp	167,900.00
20	<i>Royal Flat - Old England</i>	South	9.50	26-Apr-02	\$42,013,505.14	\$42,277,251.82	100.63%	Practical Comp.	- 263,746.68
21	<i>Sedburgh - Clandon</i>	North East	2.35	10-Dec-01	\$15,626,867.75	\$15,148,489.75	96.94%	75.00%	478,378.00
22	<i>St. Jago - Pusey Hill</i>	South	9.50	11-Mar-02	\$30,523,730.50	\$27,838,470.56	91.20%	Substant. Comp	2,685,259.94
23	<i>Virginia Gate Loop Roads - C/Land</i>	Central	5.58	12-Oct-01	\$16,321,413.25	\$16,299,612.30	99.87%	Practical Comp.	21,800.95
Parish Total			81.55		\$285,414,661.80	\$255,476,736.83			29,937,924.98
ST. ELIZABETH									
24	<i>Aberdeen - Aberdeen House</i>	North East	2.85	10-Dec-01	\$1,096,235.00	\$1,050,715.00	95.85%	Practical Comp.	45,520.00
25	<i>Crane Road - Parottee</i>	South West	7.10	05-Nov-01	\$33,511,891.11	\$33,436,395.11	99.77%	Substant. Comp	75,496.00

Table J (cont'd) – NARIP 2003

No.	Roads	Geography	Total Road Length	Start Date	Final Cost	Expenditure to Date	Percentage Completion (Budget)	Percentage Completion (Work)	Required for Completion
26	<i>Emmaeus – Nain</i>	South East	16.00	09-Sep-02	\$23,020,466.60	\$21,800,907.10	94.70%	90.00%	1,219,559.50
27	<i>Ginger Hill - Pisgah</i>	North West	5.50	11-Feb-02	\$36,491,111.70	\$35,471,009.70	97.20%	Substant. Comp	1,020,102.00
28	<i>Junction - Lititz</i>	South East	4.30	17-Sep-02	\$34,089,357.00	\$33,816,084.00	99.20%	Substant. Comp	273,273.00
29	<i>Mountainside - Black River</i>	South West	12.40	10-Nov-02	\$39,276,512.80	\$37,242,512.80	94.82%	Substant. Comp	2,034,000.00
30	<i>Pedro Cross - Treasure Beach</i>	South West	6.90	17-Sep-02	\$32,139,907.67	\$32,196,376.53	100.18%	Substant. Comp	- 56,468.86
31	<i>Retirement - Accompong</i>	North West	6.40	03-Oct-02	\$41,653,701.40	\$36,189,627.85	86.88%	90.00%	5,464,073.55
32	<i>Santa Cruz - Emmaeus</i>	South East	2.75	24-Jul-02	\$8,007,970.50	\$7,995,970.50	99.85%	Substant. Comp	12,000.00
33	<i>Slipe - Fullerswood</i>	North East	9.05	17-Sep-02	\$42,164,467.10	\$41,164,467.10	97.63%	Substant. Comp	1,000,000.00
34	<i>Williamsfield - Borewood Road</i>	North East	2.00	11-Feb-02	\$23,847,056.60	\$17,780,705.16	74.56%	70.00%	6,066,351.44
	Parish Total		75.25		\$331,063,611.35	\$313,052,009.39			18,011,601.96
	HANOVER								0.00
35	<i>Green Island - Jerusalem</i>	West	9.86	08-Jan-02	\$73,507,887.49	\$50,474,521.41	66.19%	79.00%	23,033,366.08
36	<i>Haughton Grove - Hopewell</i>	East	6.40	23-Oct-02	\$28,740,253.34	\$28,183,311.79	98.06%	95.00%	556,941.55
37	<i>Shettlewood - Chestercastle</i>	East	20.30		\$1,086,460.00	\$1,086,460.00	Taken Off		0.00
38	<i>Shettlewood - Mackfield</i>	East	9.60	03-Dec-01	\$113,685,734.50	\$111,178,001.08	97.79%	96.00%	2,507,733.42
39	<i>Silver Spring - Salt Spring</i>	West	8.00	10-Dec-01	\$49,006,440.95	\$37,053,844.29	75.61%	65.00%	11,952,596.66
	Parish Total		54.16		\$279,328,115.09	\$239,374,945.50			39,953,169.60
	ST. JAMES								0.00
40	<i>Adelphi - Kent</i>	East Central	8.43	07-Sep-02	\$52,765,390.00	\$43,516,488.26	82.47%	90.00%	9,248,901.74
41	<i>Anchovy - Shettlewood</i>	South	7.73	10-Dec-01	\$112,826,117.60	\$111,772,605.11	99.07%	Substant. Comp	1,053,512.49
42	<i>Buck Toe Lane</i>	West Central	0.43	17-Jul-02	\$2,940,804.00	\$2,060,266.88	70.06%	76.00%	880,537.12
43	<i>Campbell Lane</i>	West Central	0.27	17-Jul-02	\$1,163,079.00	\$1,163,079.00	100.00%	Substant. Comp	0.00
44	<i>Chelsea Avenue</i>	West Central	0.65	24-Jul-02	\$6,955,002.68	\$5,974,809.86	85.91%	Substant. Comp	980,192.82
45	<i>Dumfries - Fording</i>	East Central	4.10	03-Oct-02	\$36,503,876.01	\$25,151,826.30	68.90%	52.00%	11,352,049.71
46	<i>GUILLSBORO - Amity Hall</i>	East Central	6.00	09-Sep-02	\$24,395,716.72	\$19,994,344.86	81.96%	77.00%	4,401,371.86
47	<i>Maroon Town - Flamstead</i>	South	4.50	12-May-02	\$32,012,622.50	\$30,907,087.46	96.55%	90.00%	1,105,535.04
48	<i>Marrian Way</i>	West Central	0.53	17-Jul-02	\$6,977,951.87	\$6,959,505.82	99.74%	Substant. Comp	18,446.05
49	<i>Point - Maroon Town</i>	South	4.50	12-May-02	\$27,763,337.40	\$26,429,029.54	95.19%	79.00%	1,334,307.86
50	<i>Reading - Anchovy</i>	South	6.12	10-Dec-01	\$105,837,399.77	\$103,991,205.43	98.26%	Substant. Comp	1,846,194.34
51	<i>Retrieve - Cambridge</i>	South	4.10	09-May-02	\$18,114,136.00	\$16,816,345.44	92.84%	Substant. Comp	1,297,790.56
52	<i>Rock Road</i>	West Central	0.75	17-Jul-02	\$4,033,749.55	\$1,851,238.75	45.89%	91.00%	2,182,510.80
53	<i>Salt Spring - Cottage</i>	West Central	0.71	17-Jul-02	\$3,423,819.50	\$1,568,172.50	45.80%	41.00%	1,855,647.00
54	<i>Sign - Guillsboro</i>	East Central	11.40	10-Dec-01	\$42,938,458.30	\$42,958,547.95	100.05%	Substant. Comp	- 20,089.65
55	<i>Spring Mount Breakaway</i>	South	...		\$18,327,045.00	\$18,327,045.00	100.00%	Substant. Comp	0.00

Table J (cont'd) – NARIP 2003

No.	Roads	Geography	Total Road Length	Start Date	Final Cost	Expenditure to Date	Percentage Completion (Budget)	Percentage Completion (Work)	Required for Completion
Parish Total (St. James)			60.22*		\$522,892,131.20	\$483,478,378.07			39,413,753.13
TRELAWNY									
56	<i>Albert Town - Troy</i>	South	15.70	29-Oct-01	\$80,652,293.56	\$64,016,439.39	79.37%	62.00%	16,635,854.17
57	<i>Clarks Town - Sherwood Content</i>	North	12.20	07-Oct-02	\$42,900,489.00	\$23,087,582.54	53.82%	47.50%	19,812,906.46
58	<i>Jackson Town - Ulster Spring</i>	South	16.90	29-Oct-01	\$33,010,171.43	\$29,227,427.29	88.54%	69.00%	3,782,744.14
59	<i>Laughton - Lorrimer</i>	South	11.00	26-Jul-02	\$63,000,000.00	\$53,457,335.27	84.85%	57.00%	9,542,664.73
60	<i>Seaforth (Salt Marsh) - Kent</i>	North	7.35	18-Feb-02	\$36,926,561.90	\$27,290,647.68	73.91%	75.00%	9,635,914.22
Parish Total			63.15		\$269,674,141.68	\$207,293,553.78			62,380,587.91
WESTMORELAND									
61	<i>Chestercastle - Jacks Gate</i>	East	20.30	10-Dec-01	\$115,534,370.80	\$43,435,498.87	37.60%	61.00%	72,098,871.93
62	<i>Darliston - Newmarket</i>	East	14.30	09-Aug-02	\$51,331,071.73	\$39,384,375.93	76.73%	62.00%	11,946,695.80
63	<i>Dundee - Seaford Town</i>	East	3.08	03-Sep-01	\$23,874,650.00	\$21,527,698.68	90.17%	Substant. Comp	2,346,951.32
64	<i>Lambs River - Struie</i>	East	5.47	15-Jan-02	\$33,509,120.07	\$32,314,399.45	96.43%	Substant. Comp	1,194,720.62
65	<i>Marchmont - Retreive</i>	East	3.87	10-Dec-01	\$27,781,153.03	\$26,049,182.26	93.77%	Substant. Comp	1,731,970.77
66	<i>Marchmont - Seaford Town</i>	East	3.22	14-Nov-01	\$27,214,900.10	\$26,977,584.33	99.13%	Substant. Comp	237,315.77
67	<i>Jerusalem Mt. - Mt Eagle</i>	West	7.50	02-Feb-02	\$25,289,849.14	\$23,808,670.30	94.14%	Substant. Comp	1,481,178.84
68	<i>Negril - Negril Light House</i>	West	14.10	23-Jul-02	\$56,965,443.67	\$56,810,348.07	99.73%	Substant. Comp	155,095.60
69	<i>Silver Spring - Springfield</i>	West	4.18	31-Jul-02	\$22,691,653.14	\$21,216,710.58	93.50%	Substant. Comp	1,474,942.56
70	<i>Woodstock - Darlington</i>	East	4.14	09-Aug-02	\$21,100,000.00	\$21,106,641.72	100.03%	Substant. Comp	- 6,641.72
Parish Total			80.16		\$427,816,595.51	\$330,522,438.95			97,294,156.56
ST. ANDREW									
71	<i>Bull Bay - Papine - Lindos Gap</i>	East Rural	10.50	29-Oct-01	\$76,782,929.41	\$66,393,390.89	86.47%	90.00%	10,389,538.52
72	<i>Dumblin Castle Road</i>	East Rural	6.00	29-Aug-02	\$25,025,165.20	\$7,428,383.70	29.68%	50.00%	17,596,781.50
73	<i>Guava Ridge - Mahogany Vale</i>	East Rural	6.95	07-Jan-02	\$37,331,695.10	\$35,696,785.78	95.62%	95.00%	1,634,909.32
74	<i>Parks Road - Stony Hill</i>	West Rural	12.07	10-Nov-01	\$53,406,761.92	\$51,913,019.96	97.20%	Practical Comp.	1,493,741.96
75	<i>Robertfields - Westphalia</i>	East Rural	1.70	03-Oct-02	\$23,222,164.00	\$13,005,197.76	56.00%	85.00%	10,216,966.24
76	<i>Rock Hall - Parks Road</i>	West Rural	5.34	10-Nov-01	\$38,491,959.30	\$34,822,604.83	90.47%	Practical Comp.	3,669,354.47
77	<i>Silver Hill Gap - Guava Ridge</i>	East Rural	13.34	22-Oct-01	\$36,266,033.00	\$34,058,655.55	93.91%	Substant. Comp	2,207,377.45
Parish Total			55.9		\$307,113,700.61	\$257,544,597.68			49,569,102.93

Table J (cont'd) – NARIP 2003

No.	Roads	Geography	Total Road Length	Start Date	Final Cost	Expenditure to Date	Percentage Completion (Budget)	Percentage Completion (Work)	Required for Completion
ST. CATHERINE									
78	Bamboo - Bushy Park	South West	8.30	09-Sep-02	\$26,358,556.49	\$25,289,508.91	95.94%	Practical Comp.	1,069,047.58
79	Bamboo - Worthy Park	West Central/North West	22.05	11-Feb-02	\$79,856,814.00	\$71,607,434.11	89.67%	95.00%	8,249,379.89
80	Barry - Eleven Miles	West Central	3.22	25-Aug-02	\$7,867,995.36	\$6,652,017.86	84.55%	Substant. Comp	1,215,977.50
81	Berwick Crawle - Riversdale	North East	6.10	23-Aug-02	\$39,540,344.62	\$39,636,944.62	100.24%	Practical Comp.	- 96,600.00
82	Black Pasture-Browns Hall Main Rd.	West Central	7.25	15-Jun-02	\$26,000,000.00	\$24,885,350.17	95.71%	Practical Comp.	1,114,649.83
83	Bog Walk - Natural Bridge	East Central / North East	...	22-Apr-02	\$20,373,421.20	\$20,373,421.20	100.00%	Practical Comp.	0.00
84	Bog Walk - Sligoville - Santa Maria - Rock Hall	East Central	7.72	14-Jun-03	\$27,694,630.00	\$19,440,032.45	70.19%		8,254,597.55
85	Parks Road - Glengoffe		9.25		\$68,073,927.46	\$68,205,651.43	100.19%	Practical Comp.	- 131,723.97
86	Browns Hall Square - Bartons	West Central	3.52	23-Aug-02	\$19,912,299.82	\$17,992,696.60	90.36%	Practical Comp.	1,919,603.22
87	Cashew Tree - Lucky Hill	North East	3.50	02-Jul-02	\$24,708,134.70	\$21,809,195.49	88.27%	Practical Comp.	2,898,939.21
88	Commodore Road	East Central	1.20	08-Jan-01	\$8,212,366.95	\$8,212,366.95	100.00%	Substant. Comp	0.00
89	Fairfield Road	West Central	1.25	23-Aug-02	\$8,910,000.00	\$4,909,573.00	55.10%	95.00%	4,000,427.00
90	Gordon Boulevard, Eltham & Orchid Blvds	Central	3.90	10-Dec-01	\$42,288,205.45	\$39,585,564.65	93.61%	Substant. Comp	2,702,640.80
91	Lakes Pen - Upper Dyke Road	South Central	6.35	11-Mar-02	\$21,247,571.00	\$21,453,193.56	100.97%	Practical Comp.	- 205,622.56
92	Grange Lane		4.30		\$40,000,000.00				40,000,000.00
93	Lower Homestead - Upper Homestead	South West / Central	3.40	03-Sep-01	\$24,525,154.00	\$22,985,604.19	93.72%	Substant. Comp	1,539,549.81
94	Old Harbour - Bartons	South West	14.54	07-Sep-01	\$97,102,635.00	\$95,247,609.68	98.09%	Practical Comp.	1,855,025.32
95	Glengoffe - St. Andrew Border		3.03		\$11,612,488.00	\$10,667,019.80	91.86%	Substant. Comp	945,468.20
96	Princessfield - August Town - Church Road	East Central	2.90	08-Jan-01	\$22,776,558.09	\$22,283,623.90	97.84%	Substant. Comp	492,934.19
97	Sligoville - Spanish Town	South Central/East Cent	15.65		\$24,500,000.00		0.00%		24,500,000.00
98	Spanish Town - Bamboo	Central	...		\$1,082,929.00	\$1,082,929.00		Taken off	0.00
99	Tony Spaulding Boulevard	South Central	1.10	13-May-02	\$15,902,939.00	\$15,200,203.00	95.58%	Substant. Comp	702,736.00
100	Troja - Natural Bridge	North East	9.10	03-Dec-01	\$39,723,481.57	\$38,102,831.57	95.92%	Substant. Comp	1,620,650.00
101	Troja - Sports Park	North East	...	01-Oct-02	\$30,561,496.22	\$28,790,328.50	94.20%	Practical Comp.	1,771,167.72
102	Tydixon School Road	North West	...		\$7,625,079.22	\$7,600,000.00	99.67%		25,079.22
103	Worthy Park - Tydixon	North West	8.95	03-Dec-01	\$31,319,974.08	\$30,665,540.50	97.91%	Substant. Comp	654,433.58
	Parish Total		130.93*		\$806,165,851.29	\$695,812,573.20			110,353,278.09
ST. THOMAS									
104	Bath - Bath Fountain	East	2.25	24-Jun-02	\$24,977,491.16	\$23,821,656.00	95.37%	Substant. Comp	1,155,835.16
105	Bowden - Old Pera	East	3.65	24-Jun-02	\$32,335,197.30	\$30,403,499.30	94.03%	95.00%	1,931,698.00
106	Cedar Valley - Windsor Forest	West	9.40	24-Oct-01	\$135,974,435.00	\$127,531,018.00	93.79%	Substant. Comp	8,443,417.00

Table J (cont'd) – NARIP 2003

No. Roads	Geography	Total Road Length	Start Date	Final Cost	Expenditure to Date	Percentage Completion (Budget)	Percentage Completion (Work)	Required for Completion	
107	<i>Lysson - Needham Pen</i>	East	5.05	10-Jun-02	\$16,550,660.00	\$14,816,744.50	89.52%	Substant. Comp	1,733,915.50
108	<i>Mahogany Vale - Cedar Valley</i>	West	10.50	23-Aug-02	\$14,862,842.00	\$14,862,842.00	100.00%	Substant. Comp	0.00
109	<i>Morant Bay - Wilmington</i>	East	7.50	25-Mar-02	\$44,016,272.63	\$42,694,100.69	97.00%	Substant. Comp	1,322,171.94
110	<i>Pleasant Hill - Bachelors Hall</i>	East	3.00	16-Aug-02	\$16,800,000.00	\$16,656,882.16	99.15%	Substant. Comp	143,117.84
111	<i>Pleasant Hill - Hectors River</i>	East	12.21	03-Nov-01	\$12,000,000.00	\$7,064,068.24	58.87%	0.00%	4,935,931.76
112	<i>Poor Man's Corner - Easington</i>	West	10.30	07-Jul-02	\$61,146,745.00	\$55,454,686.96	90.69%	85.00%	5,692,058.04
113	<i>Port Morant - Bath</i>	East	10.60	26-Apr-02	\$41,716,536.00	\$39,854,162.60	95.54%	Substant. Comp	1,862,373.40
114	<i>Potosi - Morant River Bridge</i>	East	16.70	26-Apr-02	\$96,513,639.11	\$90,076,473.93	93.33%	75.00%	6,437,165.18
115	<i>Springbank - Bachelors Hall</i>	East	3.80	24-Jun-02	\$23,582,281.40	\$23,228,779.88	98.50%	Substant. Comp	353,501.52
116	<i>Whealersfield - Golden Grove</i>	East	8.95	24-Jun-02	\$27,726,206.30	\$27,731,810.40	100.02%	Substant. Comp	- 5,604.10
117	<i>Windsor Forest - Llandewey</i>	West	7.02	24-Oct-01	\$68,540,160.55	\$63,591,802.55	92.78%	95.00%	4,948,358.00
Parish Total			110.93		\$648,036,339.77	\$607,134,703.57			40,901,636.20
ST. ANN									
118	<i>Alexander - Ballentoy</i>	South West	8.24	10-Dec-01	\$13,203,371.40	\$13,203,371.40	100.00%	Substant. Comp	0.00
119	<i>Ballentoy - Bonneville</i>	South West / South East	16.54	10-Dec-01	\$35,220,442.30	\$35,812,032.80	101.68%	Substant. Comp	- 591,590.50
120	<i>Battersea - Boro Bridge</i>	South West	10.90	03-Dec-01	\$56,535,553.00	\$53,683,153.08	94.95%	70.00%	2,852,399.92
121	<i>Browns Town - Discovery Bay</i>	North West	11.76	22-Nov-02	\$13,741,864.60	\$13,741,864.60	100.00%	Substant. Comp	0.00
122	<i>Green Park - Bamboo</i>	South East	11.02	14-Jul-03	\$21,597,199.00	\$19,861,186.00	91.96%	Substant. Comp	1,736,013.00
123	<i>Grierfield - Moneague</i>	South East	2.50	15-Jul-03	\$18,000,000.00	\$3,095,591.50	17.20%	10.00%	14,904,408.50
124	<i>Market Roundabout - Alexandria</i>	North West	1.05		\$6,176,238.00	\$6,176,238.00	100.00%	Substant. Comp	0.00
125	<i>Phoenix Park - St. John</i>	South East	10.30	17-Sep-01	\$27,942,180.98	\$27,941,456.98	100.00%	Substant. Comp	724.00
126	<i>Stewart Town - Browns Town</i>	South West	10.59	12-Jan-02	\$20,971,878.09	\$19,381,273.84	92.42%	Substant. Comp	1,590,604.25
Parish Total			82.9		\$224,058,163.74	\$202,540,976.61			21,517,187.13
ST. MARY									
127	<i>Clonmel - Richmond</i>	South East	6.70	18-Feb-02	\$41,181,670.38	\$40,277,542.38	82.88%	Substant. Comp.	904,128.00
128	<i>Free Town - Lewisburg</i>	South East	9.60	22-Apr-02	\$66,052,119.60	\$62,916,416.10	95.25%	Substant. Comp.	3,135,703.50
129	<i>Guys Hill - Gayle Main Road</i>	Western	6.30	17-Jun-02	\$36,053,630.98	\$36,543,871.78	101.36%	Substant. Comp.	- 490,240.80
130	<i>Hamilton Mountain Breakaway</i>	South East	...	23-Aug-02	\$12,327,040.00	\$11,934,820.00	96.82%	90.00%	392,220.00
131	<i>Kendal - Lewisburg - Cuffy Gully</i>	South East	9.90	19-Nov-01	\$67,306,972.55	\$71,909,492.47	106.84%	Substant. Comp.	- 4,602,519.92
132	<i>Lambkin Hill - Rio Nuevo</i>	Western	14.00	23-Aug-02	\$87,770,973.40	\$73,232,149.80	83.44%	85.00%	14,538,823.60
133	<i>Machine - Mt. Regale</i>	South East	6.80	23-Apr-02	\$51,785,606.00	\$48,815,924.00	94.27%	Substant. Comp.	2,969,682.00
134	<i>Martins - Islington</i>	Central	4.80	17-Sep-01	\$16,713,348.32	\$16,632,448.32	99.52%	Substant. Comp.	80,900.00
135	<i>Oracabessa - Union Hill</i>	Western	9.50	16-Aug-02	\$9,228,430.00	\$9,228,430.00	100.00%	Substant. Comp.	0.00
136	<i>Robins Bay - Nutfield (Islington)</i>	Central	6.30	17-Sep-01	\$42,019,598.76	\$42,019,598.76	100.00%	Substant. Comp.	0.00
137	<i>Union Hill - Lambkin Hill</i>	Western	6.80	17-Sep-01	\$39,198,731.48	\$39,198,731.48	100.00%	Substant. Comp.	0.00

Table J (cont'd) – NARIP 2003

No. Roads	Geography	Total Road Length	Start Date	Final Cost	Expenditure to Date	Percentage Completion (Budget)	Percentage Completion (Work)	Required for Completion
Parish Total (St. Mary)		80.7		\$495,142,642.54	\$477,367,511.34			17,775,131.20
CONTRACTOR: PAVEMENT AND STRUCTURES								
ST. ANN								
138	Ocho Rios Dunns River	...		\$11,079,365.00	\$11,079,365.00	100.00%		0.00
Parish Total		...		\$11,633,333.25	\$11,633,333.25			0.00
ST. MARY								
139	Port Maria Main Road	Central	2.00	\$15,625,767.00	\$15,625,767.00	100.00%	Substant. Comp.	0.00
140	Cox Street		2.20	\$6,481,425.00	\$6,481,425.00	100.00%	Substant. Comp.	0.00
Parish Total		4.2		\$23,212,551.60	\$23,212,551.60			0.00
ST. CATHERINE								
141	Charlemont Housing Scheme Roads	North West	...	\$12,289,703.80	\$10,458,838.00	85.10%		1,830,865.80
142	Jericho - Orangefield	North West	...	\$7,332,358.00	\$4,623,850.00	63.06%		2,708,508.00
143	Orangefield - Nutshell	North West	...	\$4,950,393.14	\$2,816,688.00	56.90%		2,133,705.14
Parish Total		...		\$51,526,077.69	\$26,899,037.55			24,627,040.14
PORTLAND								
144	Agualta Vale - Port Antonio	Western / Eastern	...	\$13,007,566.00	\$13,007,566.00	100.00%	Substant. Comp.	0.00
145	Breastworks - Fellowship - Windsor	Eastern	...	\$3,140,770.00		0.00%		3,140,770.00
146	Chepstow - School House Corner	Western	6.10	\$54,057,657.00	\$52,918,424.20	97.89%	Substant. Comp.	1,139,232.80
147	Chips Hall - Durham	Western	5.65	\$125,000,000.00	\$75,606,642.80	60.49%	62.00%	49,393,357.20
148	Hope Bay - Chips Hall	Western	10.37	\$115,000,000.00	\$98,853,001.16	85.96%	72.00%	16,146,998.84
149	Moore Town - C/Barracks	Eastern	5.80	\$6,300,000.00		0.00%	42.00%	6,300,000.00
150	Port Antonio - Breastwork - Nonsuch	Eastern	6.10	\$45,836,345.50	\$45,920,145.50	100.18%	Substant. Comp.	- 83,800.00
151	Port Antonio - Main Street	Eastern	...	\$17,188,343.70		0.00%		17,188,343.70
152	Port Antonio Town	Eastern	...	\$4,305,340.00	\$4,305,340.00	100.00%	Substant. Comp.	0.00
153	Windsor - Seamans Valley - Moore Town	Eastern	...	\$72,555,756.00	\$51,010,668.00	70.31%	65.00%	21,545,088.00
Parish Total		34.02*		\$481,147,252.11	\$358,702,877.04			122,444,375.07
GRAND TOTAL		1,016.55		\$6,373,091,257.61	\$5,513,729,856.35			859,361,401.26

Source: National Works Agency

... Information unavailable

* Figure is inaccurate as some road lengths are unavailable

Table K Jamaica Social Investment Fund (JSIF): Road Work Projects 2003-2004

<i>Parish</i>	<i>Project Name</i>	<i>Status</i>	<i>Funding Source</i>	<i>Proj. #</i>	<i>Start Date</i>	<i>Completion Date</i>	<i>Length of Road (km)</i>
Clarendon	Burn to Jericho Road Rehabilitation	Practical Completion	CDB	070890	24-Mar-03	13-Aug-03	2.00
Clarendon	Lodge Green Road Rehabilitation Minor Works	Practical Completion	GOJ	070967	08-Sep-03	12-Dec-03	4.35
Clarendon	Morant Road Rehabilitation Minor Works	Practical Completion	GOJ	070928	10-Nov-03	10-Jan-04	1.84
Clarendon	Saddom (Moravia) Road Rehabilitation	Practical Completion	GOJ	070942	08-Sep-03	12-Dec-03	0.50
Clarendon	Sinks to Burn Road Rehabilitation	Practical Completion	CDB	070777	24-Mar-03	13-Aug-03	2.70
Manchester	Craighead to Bigwoods Road Rehabilitation	Final Completion	CDB	070864	07-Apr-03	17-May-03	1.96
Manchester	Cocoa Walk Road (Top Hill to Resource Road)	Supervision	GOJ	070901	18-Aug-03	18-Dec-03	2.26
Manchester	George North to Prudence Shop Road	Supervision	GOJ	070863	15-Sep-03	15-Jan-04	2.05
Manchester	Greenvale Land Settlement Road Rehabilitation	Supervision	WB/NCDP	070995	01-Dec-03	01-Mar-04	2.70
Manchester	Hyman Town to Prudence Shop (George North Road)	Supervision	GOJ	070952	15-Sep-03	15-Jan-04	3.90
Portland	Spring Hill to Bangor Ridge Road Rehabilitation	Terminated	GOJ	070937	16-Oct-03	16-Mar-04	2.72
Portland	Wakefield to Spring Hill Road Rehabilitation	Terminated	GOJ	070859	16-Oct-03	16-Mar-04	2.85
St Thomas	Hermitage to Farm Road Rehabilitation	Final Completion	CDB	070886	10-Mar-03	27-May-03	2.00
St. Andrew	Belmore Feeder Road	Practical Completion	CDB	070828	26-May-03	19-Nov-03	1.55
St. Catherine	Coolshade to Mexico Road	Final Completion	GOJ	070981	08-Sep-03	16-Dec-03	3.40
St. Catherine	Giblatore Road Rehabilitation	Practical Completion	CDB	070805	10-Mar-03	16-Sep-03	5.10
St. Elizabeth	Forest Mountain to Content Road Rehabilitation	Supervision	GOJ	070935	11-Aug-03	12-Dec-03	2.80
St. Elizabeth	Woodlands to Tatewood Road	Supervision	GOJ	070915	15-Sep-03	15-Jan-04	5.60
St. James	Arcadia to Mellerswood Road Rehabilitation	Supervision	WB/NCDP	070882	15-Mar-03	15-Jun-04	2.70
St. Mary	Fraserwood/Africa/Marlborough Roads Rehabilitation	Final Completion	GOJ	070811	16-Jun-03	16-Sep-03	2.65

Table K (cont'd) – JSIF Road Work Projects 2003-2004

Parish	Project Name	Status	Funding Source	Proj. #	Start Date	Completion Date	Length of Road (km)
St. Mary	Fraserwood to Hopewell Road Rehabilitation	Practical Completion	GOJ	070821	03-Jun-03	17-Sep-03	2.25
St. Thomas	Spring Garden to Wilmington Road Rehabilitation	Final Completion	CDB	070781	19-May-03	30-Sep-03	4.00
St. Thomas	Bethel Gap to Mango Row Parochial Road	Terminated	GOJ	070463	15-Sep-03	15-Dec-03	1.45
St. Thomas	Epping Farm to Penlyne Castle Road	Terminated	GOJ	070785	22-Sep-03	22-Mar-04	4.65
St. Thomas	Hagley Gap to Minto Road	Terminated	GOJ	070436	22-Sep-03	22-Mar-04	4.60
St. Thomas	Minto to Epping Farm Road	Terminated	GOJ	070784	22-Sep-03	22-Mar-04	4.60
St. Thomas	Richmond Gap to Richmond Vale Road	Terminated	GOJ	070400	20-Aug-03	20-Nov-03	1.41
St. Thomas	Mango Row to Richmond Gap Road Rehabilitation	Terminated	GOJ	070770	15-Sep-03	15-Jan-04	4.95
Westmoreland	Belmont to Cherry Hill Road	Supervision	GOJ	070891	11-Aug-03	11-Dec-03	2.00
TOTAL							88.38

Source: Jamaica Social Investment Fund (JSIF)

Note:

- 1) GOJ - Government of Jamaica
- 2) CDB - Caribbean Development Bank
- 3) WB/NCDP - World Bank/ National Community Development Project
- 4) EU - European Union
- 5) The **Status** column provides information regarding where a sub-project is located along the project cycle. The project cycle utilised by JSIF is as follows:
 - Receipt of Application
 - Project Application Review
 - Project Development, Design and Review
 - Board Approval
 - Supervision/Implementation of Project
 - Practical Completion
 - Final Completion

Table L Jamaica Social Investment Fund (JSIF): Project Status 2003-2004

Parish	Project Name	Length of Road (km)	Amount Approved (\$J)	Contract Sum Civil Works (\$J)	Civil Works Disbursed (\$J)	Beneficiaries	Comments
Clarendon	Burn to Jericho Road Rehabilitation	2.00	8,550,605.50	7,573,697.00	8,229,812.75	3,000	
Clarendon	Lodgie Green Road Rehabilitation Minor Works	4.35	4,886,876.30	3,832,227.24	3,779,435.00	800	
Clarendon	Morant Road Rehabilitation Minor Works	1.84	1,186,545.56	931,033.92	828,930.00	1,000	
Clarendon	Saddom (Moravia) Road Rehabilitation	0.50	1,988,337.59	1,847,383.16	1,734,304.08	500	
Clarendon	Sinks to Burn Road Rehabilitation	2.70	12,173,414.00	10,000,000.00	10,392,969.00	3,000	
Manchester	Craighead to Bigwoods Road Rehabilitation	1.96	7,101,530.10	5,835,750.00	6,419,325.00	1,500	
Manchester	Cocoa Walk Road (Top Hill to Resource Road)	2.26	12,003,396.00	8,367,650.00	6,441,188.50	1,500	
Manchester	George North to Prudence Shop Road	2.05	14,371,178.00	15,845,000.00	10,690,830.00	1,500	
Manchester	Greenvale Land Settlement Road Rehabilitation	2.70	7,189,463.48	5,051,160.00	3,670,565.76	400	
Manchester	Hyman Town to Prudence Shop (George North Road)	3.90	10,302,882.00	0.00	0.00	480	
Portland	Spring Hill to Bangor Ridge Road Rehabilitation	2.72	6,236,883.00	0.00	0.00	3,000	Terminated
Portland	Wakefield to Spring Hill Road Rehabilitation	2.85	12,415,473.00	15,130,540.00	3,362,939.97	3,000	Terminated due to lack of GOJ funds
St Thomas	Hermitage to Farm Road Rehabilitation	2.00	4,806,867.00	6,963,464.00	7,578,901.00	2,500	
St. Andrew	Belmore Feeder Road	1.55	5,800,468.00	5,135,640.00	7,258,280.00	300	
St. Andrew	Brandon Hill to Belair Road Rehabilitation	2.54	11,131,051.34	12,075,663.70	0.00	1,931	
St. Andrew	Karl Samuda (Black Ants Lane) Avenue Road Rehabilitation	0.31	1,630,122.00	1,462,180.00	0.00	3,500	
St. Catherine	Coolshade to Mexico Road	3.40	16,578,755.20	11,552,960.00	12,937,739.00	600	
St. Catherine	Giblatore Road Rehabilitation	5.10	12,202,766.00	11,440,705.00	10,874,872.00	1,100	
St. Elizabeth	Forest Mountain to Content Road Rehabilitation	2.80	19,345,685.81	13,881,989.00	5,878,770.00	1,750	
St. Elizabeth	Woodlands to Tatewood Road	5.60	31,094,004.31	21,827,901.00	7,990,200.17	1,700	
St. James	Arcadia to Mellerswood Road Rehabilitation	2.70	13,397,936.66	8,665,105.00	7,366,524.00	720	
St. Mary	Fraserwood/Africa/Marlborough Roads Rehabilitation	2.65	7,141,344.08	8,916,600.00	8,728,138.00	2,000	

Table L (cont'd) – JSIF Project Status 2003-2004

Parish	Project Name	Length of Road (km)	Amount Approved (\$J)	Contract Sum Civil Works (\$J)	Civil Works Disbursed (\$J)	Beneficiaries	Comments
St. Mary	Fraserwood to Hopewell Road Rehabilitation	2.25	9,205,453.92	8,442,880.00	9,530,145.40	2,000	
St. Thomas	Spring Garden to Wilmington Road Rehabilitation	4.00	11,449,636.00	10,342,140.00	12,261,690.00	2,500	
St. Thomas	Bethel Gap to Mango Row Parochial Road	1.45	8,906,679.00	7,924,111.00	6,546,149.00	2,500	Terminated due to lack of GOJ funds
St. Thomas	Epping Farm to Penlyne Castle Road	4.65	5,925,236.00	30,314,440.00	4,204,583.18	3,750	Terminated due to lack of funds
St. Thomas	Hagley Gap to Minto Road	4.60	9,802,428.00	0.00	0.00	3,750	Terminated due to lack of funds
St. Thomas	Minto to Epping Farm Road	4.60	7,674,124.00	0.00	0.00	3,750	Terminated
St. Thomas	Richmond Gap to Richmond Vale Road	1.41	7,593,591.00	7,238,000.00	4,356,696.00	2,500	Terminated due to lack of funds
St. Thomas	Mango Row to Richmond Gap Road Rehabilitation	4.95	13,771,817.00	13,327,205.00	5,231,046.00	2,500	Terminated due to lack of GOJ funds
Westmoreland	Belmont to Cherry Hill Road	2.00	17,197,223.40	11,914,702.00	9,017,039.80	1,170	
TOTAL		88.38	313,061,773.25	265,840,127.02	175,311,073.61	60,201	

Source: Jamaica Social Investment Fund (JSIF)

Note:

1. GOJ - Government of Jamaica
2. CDB - Caribbean Development Bank
3. WB/NCDP - World Bank/ National Community Development Project
4. EU - European Union

Table M Rural Agricultural Development Authority – List of Farm Roads

Name of Road	Distance (km)	Extension Area	Parish
<i>Hyde to Stonehenge Dewar Bottom</i>	6	Falmouth Extn. Area	Trelawny
<i>Duanvale to Linton Park Mtn.</i>	3	Falmouth Extn. Area	Trelawny
<i>Kinloss to Stonehenge</i>	4	Falmouth Extn. Area	Trelawny
<i>Brompton Road to Hopewell</i>	5	Falmouth Extn. Area	Trelawny
<i>Linton to Belmont</i>	6	Falmouth Extn. Area	Trelawny
<i>Chester to Grandy</i>	3.5	Falmouth Extn. Area	Trelawny
<i>Dromily to Clear River</i>	3	Wakefield Extn. Area	Trelawny
<i>Dromily to Maroon</i>	2	Wakefield Extn. Area	Trelawny
<i>Perth to Hampstead</i>	4	Wakefield Extn. Area	Trelawny
<i>Reserve to Hampstead</i>	2.5	Wakefield Extn. Area	Trelawny
<i>Reserve to Chester</i>	3	Wakefield Extn. Area	Trelawny
<i>Deeside to Liberty</i>	1	Wakefield Extn. Area	Trelawny
<i>Liberty to Springvale</i>	1	Wakefield Extn. Area	Trelawny
<i>Fontabelle to Peru</i>	3	Wakefield Extn. Area	Trelawny
<i>Sherwood to Windsor</i>	4	Wakefield Extn. Area	Trelawny
<i>Windsor to Peru</i>	2.5	Wakefield Extn. Area	Trelawny
<i>Lichfield to Backwoods</i>	2	Albert Town Extn. Area	Trelawny
<i>Allside to Dryland</i>	2	Albert Town Extn. Area	Trelawny
<i>Stettin to Freeman's Hall</i>	2	Albert Town Extn. Area	Trelawny
<i>Albert Town to Butt-up-Town</i>	4	Albert Town Extn. Area	Trelawny
<i>Freeman's Hall to Bristol</i>	5	Albert Town Extn. Area	Trelawny
<i>Ulster Spring to Burlin</i>	6	Albert Town Extn. Area	Trelawny
<i>Sawyers to Coltis Penn</i>	3.5	Albert Town Extn. Area	Trelawny
<i>Sawyers to Cottage</i>	1.5	Albert Town Extn. Area	Trelawny
<i>Sawyers to Hyde Hall</i>	3	Albert Town Extn. Area	Trelawny
<i>Mahogany Hall to Postman Hall property</i>	4	Albert Town Extn. Area	Trelawny
<i>Highgate to Harvey Town</i>	2	Lowie River Extn. Area	Trelawny
<i>Lowie River to Bow</i>	0.8	Lowie River Extn. Area	Trelawny

Table M (cont'd) – RADA Farm Roads

<i>Name of Road</i>	<i>Distance (km)</i>	<i>Extension Area</i>	<i>Parish</i>
<i>Allside to Balton</i>	1.6	Lowie River Extn. Area	Trelawny
<i>Allside to White Town</i>	2	Lowie River Extn. Area	Trelawny
<i>Allside (minor) to Allside (major)</i>	0.8	Lowie River Extn. Area	Trelawny
<i>Thompson Town to Yankee</i>	3.2	Lowie River Extn. Area	Trelawny
<i>Thompson Town to Scotch Stettin</i>	5.6	Lowie River Extn. Area	Trelawny
<i>Cotterwood to Cotton Tree</i>	4.8	Lowie River Extn. Area	Trelawny
<i>Allside to Cotton Tree</i>	4.8	Lowie River Extn. Area	Trelawny
<i>Allside to Durham</i>	3.2	Lowie River Extn. Area	Trelawny
<i>Allside to Wilson Valley (PLL Prop.)</i>	1.6	Lowie River Extn. Area	Trelawny
<i>Warsop to Wilson Valley</i>	1.6	Lowie River Extn. Area	Trelawny
<i>Spring Gardens to Duahan</i>	1.6	Lowie River Extn. Area	Trelawny
<i>Mahogany Hall to Biddiford</i>	3.5	Lowie River Extn. Area	Trelawny
TOTAL	123.6		Trelawny
<i>Seven Rivers</i>	6.0		St. James
<i>Mafoota</i>	3.0		St. James
<i>Chesterfield</i>	1.5		St. James
<i>GUILSBRO</i>	6.0		St. James
<i>York & Equity</i>	6.0		St. James
<i>Montego Valley</i>	4.0		St. James
<i>Eden</i>	8.0		St. James
<i>Content</i>	5.0		St. James
<i>Canaan</i>	6.0		St. James
<i>Tangle River</i>	3.0		St. James
<i>Horse Guards</i>	8.0		St. James
<i>Georges Valley (Silver Grove)</i>	3.0		St. James
<i>Old Spring Farm</i>	3.0		St. James
<i>Garlands (Top Roper)</i>	3.0		St. James
TOTAL	65.5		St. James

Table M (cont'd) – RADA Farm Roads

Name of Road	Distance (km)	Extension Area	Parish
<i>Louise Cove</i>	3.2		Hanover
<i>Great Valley</i>	1.6		Hanover
<i>Cauldwell</i>	1.6		Hanover
<i>Copse</i>	3.2		Hanover
<i>Blenheim</i>	3.2		Hanover
<i>Knockalva</i>	1.6		Hanover
<i>Santoy</i>	3.2		Hanover
<i>Haughton Court</i>	8.0		Hanover
<i>Content II</i>	4.8		Hanover
<i>Glasgow</i>	4.8		Hanover
<i>Blue Hole</i>	8.0		Hanover
<i>New Milns</i>	4.8		Hanover
<i>Eaton</i>	6.4		Hanover
<i>Kenilworth</i>	4.8		Hanover
<i>Cousin's Cove</i>	6.4		Hanover
<i>Georgia II</i>	3.2		Hanover
<i>Shettlewood</i>	4.8		Hanover
<i>Spring Valley</i>	8.0		Hanover
<i>Cacoon Castle</i>	8.0		Hanover
<i>Burnt Ground</i>	4.8		Hanover
<i>Orange Bay Mountain</i>	3.2		Hanover
<i>New Found River</i>	3.2		Hanover
<i>Haughton Grove</i>	4.8		Hanover
<i>Hazelymph</i>	4.8		Hanover
<i>Pell River</i>	4.8		Hanover
<i>Hopewell Farm</i>	3.2		Hanover
<i>Kew</i>	3.2		Hanover
<i>Point</i>	3.2		Hanover
TOTAL	124.8		Hanover
<i>Total of 30 Farm Roads</i>	<i>131.2</i>		<i>Hanover</i>

Table M (cont'd) – RADA Farm Roads

Name of Road	Distance (km)	Extension Area	Parish
<i>Pinnock/Shafton</i>	8.0		Westmoreland
<i>Bog Farm</i>	6.0		Westmoreland
<i>Leamington</i>	5.0		Westmoreland
<i>Cedar Valley</i>	3.0		Westmoreland
<i>Hermitage (Bethel Town)</i>	2.0		Westmoreland
<i>Amoty</i>	1.5		Westmoreland
<i>Dundee Red Hills</i>	1.5		Westmoreland
<i>Nampriel</i>	6.0		Westmoreland
<i>Canaan Mountain</i>	10.0		Westmoreland
<i>Jerusalem Mountain</i>	8.0		Westmoreland
<i>Prospect</i>	7.0		Westmoreland
TOTAL	58.0		Westmoreland
<i>Congo Hole</i>	2.0		St. Elizabeth
<i>Warminster</i>	1.2		St. Elizabeth
<i>Green Valley/Bloomsbury</i>	2.4		St. Elizabeth
<i>Good Hope</i>	1.6		St. Elizabeth
	<i>Land Lease Properties*</i>		
<i>Elphinstowe (Myersville)</i>	4.0	Letitz	St. Elizabeth
<i>Emmaus (Leeds)</i>	3.0	Santa Cruz	St. Elizabeth
<i>Fullerswood (Mountainside)</i>	4.0	Black River	St. Elizabeth
<i>Mt. Charles</i>	9.0	Black River	St. Elizabeth
<i>Giddy Hall</i>	3.0	Black River	St. Elizabeth
<i>Kepp (New Market)</i>	3.0	New Market	St. Elizabeth
<i>Hampstead</i>	3.6		St. Elizabeth
<i>Crawle (Ginger Hill)</i>	2.5	New Market	St. Elizabeth
<i>Lance Wood (Middle Quarters)</i>	4.0	Black River	St. Elizabeth
<i>Holland Mtn.</i>	3.5	New Market	St. Elizabeth
<i>Cornwall Mtn. (Holland Mtn.)</i>	3.2	New Market	St. Elizabeth

Table M (cont'd) – RADA Farm Roads

<i>Name of Road</i>	<i>Distance (km)</i>	<i>Extension Area</i>	<i>Parish</i>
<i>Mt. Olivet (Malvern)</i>	3.2	Southfield	St. Elizabeth
<i>Sterling Castle (Potsdam)</i>	7.2	Southfield	St. Elizabeth
<i>Chelsea (Munro)</i>	4.8	Southfield	St. Elizabeth
<i>Goshen</i>	2.5	Santa Cruz	St. Elizabeth
TOTAL	67.7		St. Elizabeth
<i>Medina to Mayfield</i>	2.6		Manchester
<i>Spring Grove to Dawkins</i>	1.6		Manchester
<i>Cocoa Walk to Canoe Valley</i>	3.0		Manchester
<i>Long Pond to Tiverton</i>	3.2		Manchester
TOTAL	10.4		Manchester
<i>Rose Hill Road</i>	8.0	Gordon Town	St. Andrew
<i>Free Town</i>	6.4	Gordon Town	St. Andrew
<i>Willy Willy Road</i>	1.2	Gordon Town	St. Andrew
<i>Montpelier</i>	1.2	Gordon Town	St. Andrew
<i>Riverside Road</i>	1.4	Gordon Town	St. Andrew
<i>Funny Hill Road</i>	1.6	Gordon Town	St. Andrew
<i>Sipple Street</i>	0.8	Gordon Town	St. Andrew
<i>Prospect Road</i>	1.2	Gordon Town	St. Andrew
<i>Penney A Penny Hill</i>	0.8	Gordon Town	St. Andrew
<i>Johnny Ridge Road</i>	1.2	Gordon Town	St. Andrew
<i>Savage Pen Road</i>	4.8	Gordon Town	St. Andrew
<i>Progress</i>	3.2	Gordon Town	St. Andrew
<i>Bermuda Mount</i>	6.4	Gordon Town	St. Andrew
<i>Mohemia</i>	1.8	Gordon Town	St. Andrew
<i>Hope Well</i>	6.4	Gordon Town	St. Andrew
<i>Jerry Gully</i>	1.8	Gordon Town	St. Andrew
<i>Sugar Loaf</i>	12	Gordon Town	St. Andrew
<i>Chalatanburth</i>	2.8	Gordon Town	St. Andrew

Table M (cont'd) – RADA Farm Roads

<i>Name of Road</i>	<i>Distance (km)</i>	<i>Extension Area</i>	<i>Parish</i>
<i>Galloway Lodge</i>	1.6	Gordon Town	St. Andrew
<i>Rasti Valley Road</i>	3.0	Gordon Town	St. Andrew
<i>Queens Hill</i>	3.0	Gordon Town	St. Andrew
<i>Westphalia/Robertsfield</i>	4.8	Mavis Bank	St. Andrew
<i>Strawberry Hill</i>	4.8	Mavis Bank	St. Andrew
<i>Good Hope</i>	4.8	Mavis Bank	St. Andrew
<i>St. Peter's</i>	2.0	Mavis Bank	St. Andrew
<i>Cinchonia</i>	1.6	Mavis Bank	St. Andrew
<i>Halls Delight/St. Peters</i>	4.8	Mavis Bank	St. Andrew
<i>Flamstead/Good Hope</i>	2.0	Mavis Bank	St. Andrew
<i>Salt Hill/Top Road</i>	1.6	Mavis Bank	St. Andrew
<i>Westphalia/Strawberry Hill</i>	3.2	Mavis Bank	St. Andrew
<i>Mt. Dakin/New Garden</i>	4.8	Temple Hall	St. Andrew
<i>Northly Road</i>	1.6	Temple Hall	St. Andrew
<i>Belair Land Settlement</i>	6.4	Temple Hall	St. Andrew
<i>Temple Hall III</i>	3.2	Temple Hall	St. Andrew
<i>Rosemount Land Settlement</i>	3.2	Salisbury Plane	St. Andrew
<i>Okely Road</i>	2.4	Salisbury Plane	St. Andrew
<i>Burkelwood Road</i>	1.6	Salisbury Plane	St. Andrew
<i>Settlement Road</i>	3.0	Salisbury Plane	St. Andrew
TOTAL	126.4		St. Andrew
<i>Quebec Land Settlement</i>	8.0	Highgate	St. Mary
<i>Frontier Land Settlement</i>	10.0	Highgate	St. Mary
<i>Decoy Land Settlement</i>	20.0	Gayle	St. Mary
<i>Tryall Land Settlement</i>	12.0	Oracabessa	St. Mary
<i>Tremolesworth Land Settlement</i>	10.0	Highgate	St. Mary
<i>Forte Stewart L/S</i>	20.0	Annotto Bay	St. Mary
<i>Cape Clear Land Settlement</i>	25.0	Annotto Bay	St. Mary
<i>Baccas Wood to Haywood Hall</i>	8.0	Highgate	St. Mary

Table M (cont'd) – RADA Farm Roads

<i>Name of Road</i>	<i>Distance (km)</i>	<i>Extension Area</i>	<i>Parish</i>
<i>Baccas Wood to Lebanon</i>	7.0	Highgate	St. Mary
<i>Wentworth</i>	8.0	Oracabessa	St. Mary
<i>Eden Park Land Settlement</i>	30.0	Oracabessa	St. Mary
<i>Grays Inn Land Settlement</i>	30.0	Annotto Bay	St. Mary
<i>Fontabelle</i>	5.0	Oracabessa	St. Mary
<i>Dean Pen to Big Wood (P.C. Farm Road)</i>	1.6	Highgate	St. Mary
TOTAL	194.6		St. Mary
<i>Twickenham to Fruitvale</i>	4.0	Fruitvale	Portland
<i>Durham to Friendship Hall</i>	5.0	Fruitvale	Portland
<i>St. Margaret's bay to Darley</i>	3.0	Fruitvale	Portland
<i>Hermitage to Content</i>	5.0	Fruitvale	Portland
<i>Swift River to McKain</i>	2.5	Fruitvale	Portland
<i>Rock to Boundbridge</i>	1.6	Fruitvale	Portland
<i>Settlement to West End</i>	1.5	Fruitvale	Portland
<i>Bourbon to Durham</i>	2.0	Fruitvale	Portland
<i>Shewsbury to Content</i>	1.6	Fruitvale	Portland
<i>Coopers Hill to Berridale</i>	1.6	Fruitvale	Portland
<i>Content to Mt. Pleasant</i>	4.0	Fruitvale	Portland
<i>Leyton Valley</i>	5.0	Kildaire & Manchioneal	Portland
<i>Low Leyton</i>	4.0	Kildaire & Manchioneal	Portland
<i>Spring Garden – Baltimore</i>	8.0	Kildaire & Manchioneal	Portland
<i>Kildaire Reservoir Road</i>	4.0	Kildaire & Manchioneal	Portland
<i>Kildaire Catholic Road</i>	5.0	Kildaire & Manchioneal	Portland
<i>Bybrook Land settlement Road</i>	10.0	Kildaire & Manchioneal	Portland
<i>Spring Hill Property</i>	8.0	Kildaire & Manchioneal	Portland
<i>Pad House Road</i>	1.5	Kildaire & Manchioneal	Portland
<i>Windsor Castle Road/Vinery</i>	6.0	Kildaire & Manchioneal	Portland
<i>Mt. Vernon to Viney</i>	3.5	Kildaire & Manchioneal	Portland
<i>Diamond Ridge – Kildaire</i>	4.0	Kildaire & Manchioneal	Portland

Table M (cont'd) – RADA Farm Roads

<i>Name of Road</i>	<i>Distance (km)</i>	<i>Extension Area</i>	<i>Parish</i>
<i>Ythanside – Bryam</i>	5.0	Kildaire & Manchioneal	Portland
<i>Cambridge to Williamsfield</i>	5.0	Kildaire & Manchioneal	Portland
<i>Sherwood Forest – Islington</i>	6.0	Kildaire & Manchioneal	Portland
<i>Islington – Windsor</i>	10.0	Kildaire & Manchioneal	Portland
<i>Long Bay – Elmwood</i>	8.0	Kildaire & Manchioneal	Portland
<i>Kensington to Hopewell</i>	2.5	Kildaire & Manchioneal	Portland
<i>Grantsfield to Darlington</i>	4.0	Kildaire & Manchioneal	Portland
<i>Muirhead to Fort</i>	4.0	Kildaire & Manchioneal	Portland
<i>Spring valley to Reach</i>	3.0	Kildaire & Manchioneal	Portland
<i>Muirton Land Settlement</i>	5.0	Kildaire & Manchioneal	Portland
<i>Hector's River Land Settlement</i>	4.0	Kildaire & Manchioneal	Portland
<i>Haining Gate to Allpiece</i>	5.0	Kildaire & Manchioneal	Portland
<i>Sherwood Forest to Fairy Hill</i>	4.0	Kildaire & Manchioneal	Portland
<i>Windsor to Constant Spring</i>	5.0	Windsor	Portland
<i>Windsor to Chocolate Walk</i>	7.0	Windsor	Portland
<i>Rivers View to Chocolate Walk</i>	3.0	Windsor	Portland
<i>Cemetery Road to John's Hall</i>	9.0	Windsor	Portland
<i>Piggery to Forest Reserve</i>	3.0	Windsor	Portland
<i>Top Hill Road to Forest Reserve</i>	4.0	Windsor	Portland
<i>Seaman's Valley to John's Hall</i>	10.0	Windsor	Portland
<i>Passley Gardens Land Settlement</i>	8.0	Windsor	Portland
<i>Prospect Land Settlement – Lydarth</i>	5.0	Windsor	Portland
<i>Prospect Land settlement – John's Town</i>	2.0	Windsor	Portland
<i>Milk Bank to Fishbrook</i>	5.0	Windsor	Portland
<i>Fellowship to Brook Dale</i>	10.0	Windsor	Portland
<i>Fellowship to Millbank</i>	15.0	Windsor	Portland
<i>Mt. Oakley to Lydarth</i>	3.0	Windsor	Portland
<i>Bermuda to Water Works</i>	7.0	Windsor	Portland
<i>Pleasant Hill to Mt. Oakley</i>	3.0	Windsor	Portland
<i>Georges Hop to Tom's Hope</i>	2.0	Windsor	Portland

Table M (cont'd) – RADA Farm Roads

Name of Road	Distance (km)	Extension Area	Parish
<i>Good Hope to Tom's Hope</i>	9.0	Windsor	Portland
<i>Bread Lane to Water Works</i>	5.0	Windsor	Portland
<i>Tom's Hope to Stanton</i>	5.0	Windsor	Portland
<i>Tom's Hope to Falling</i>	5.0	Windsor	Portland
<i>Tom's Hope to Mongoose Spring</i>	5.0	Windsor	Portland
<i>Tom's Hope to Tram Way</i>	1.5	Windsor	Portland
<i>Stanton to Tom's Hope</i>	5	Windsor	Portland
<i>Anchovy</i>	7.0	Windsor	Portland
<i>Land Settlement - Lydarth</i>	3.0	Windsor	Portland
<i>Park Mount – Brandah</i>	3.0	Windsor	Portland
<i>Lighthouse – Shotover</i>	2.0	Windsor	Portland
<i>Spring Bank to – Shot Over</i>	5.0	Windsor	Portland
<i>Boundbrook Road to Airy Mount</i>	7.0	Windsor	Portland
<i>Bound Brook Road to Water Works</i>	3.0	Windsor	Portland
<i>John's Hall via River Road</i>	3.0	Windsor	Portland
<i>Stony Hill – Need Muss</i>	3.0	Windsor	Portland
<i>Stony Hill – Shot Over</i>	2.0	Windsor	Portland
<i>Comfort Castle – Red Hills</i>	10.0	Windsor	Portland
TOTAL	309.0		Portland

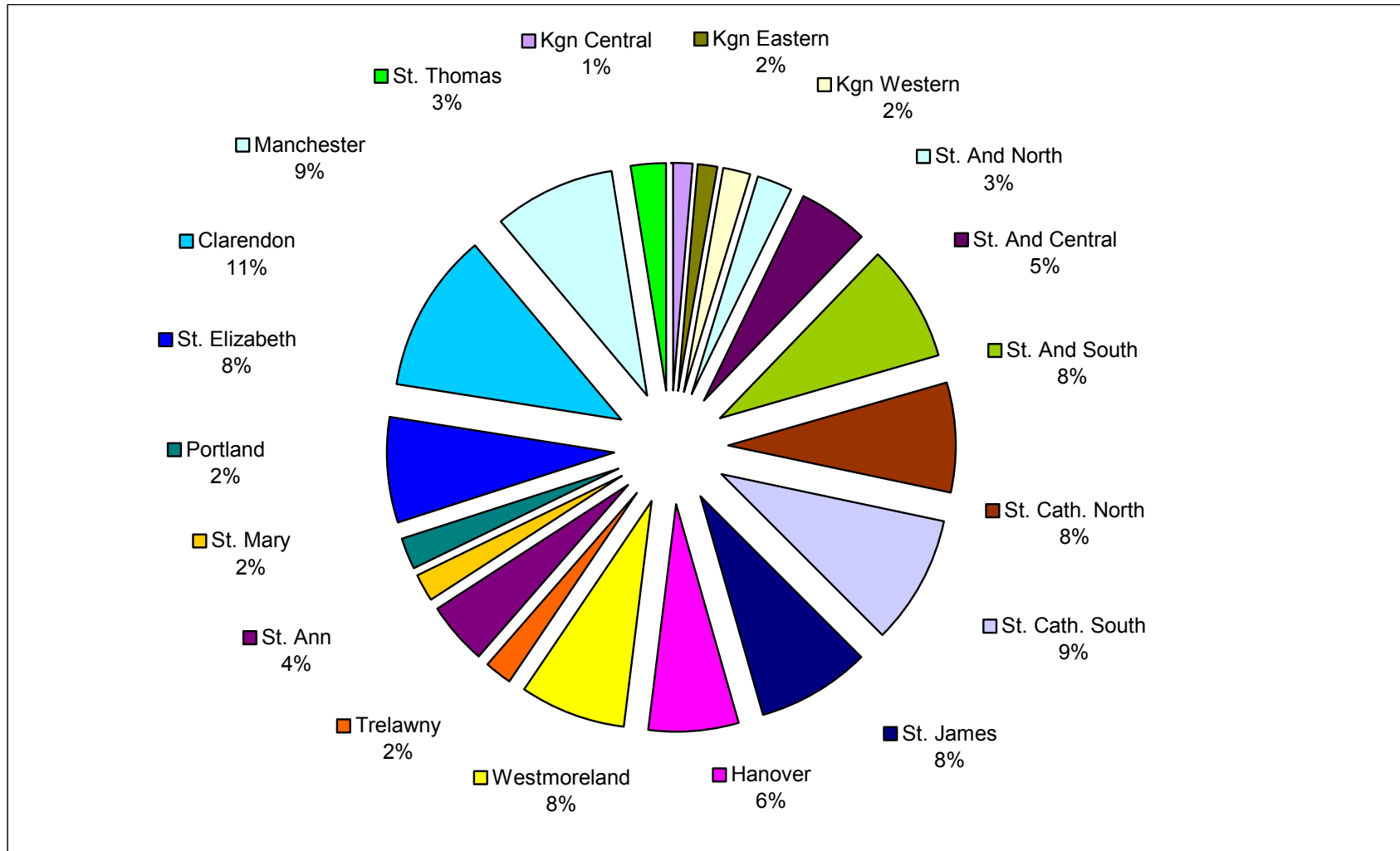
Source: Rural Agricultural Development Authority (RADA)

* All roads are in poor condition and some are impassable due to non-maintenance over the years and overgrowth of trees; Kilometres are approximations.

Notes: (1) *This list is not comprehensive as information on other parishes- (Clarendon, St. Ann, St. Catherine and St. Thomas) is pending.*
 (2) *PLL – Former Project Land Lease Properties*

Chart 6

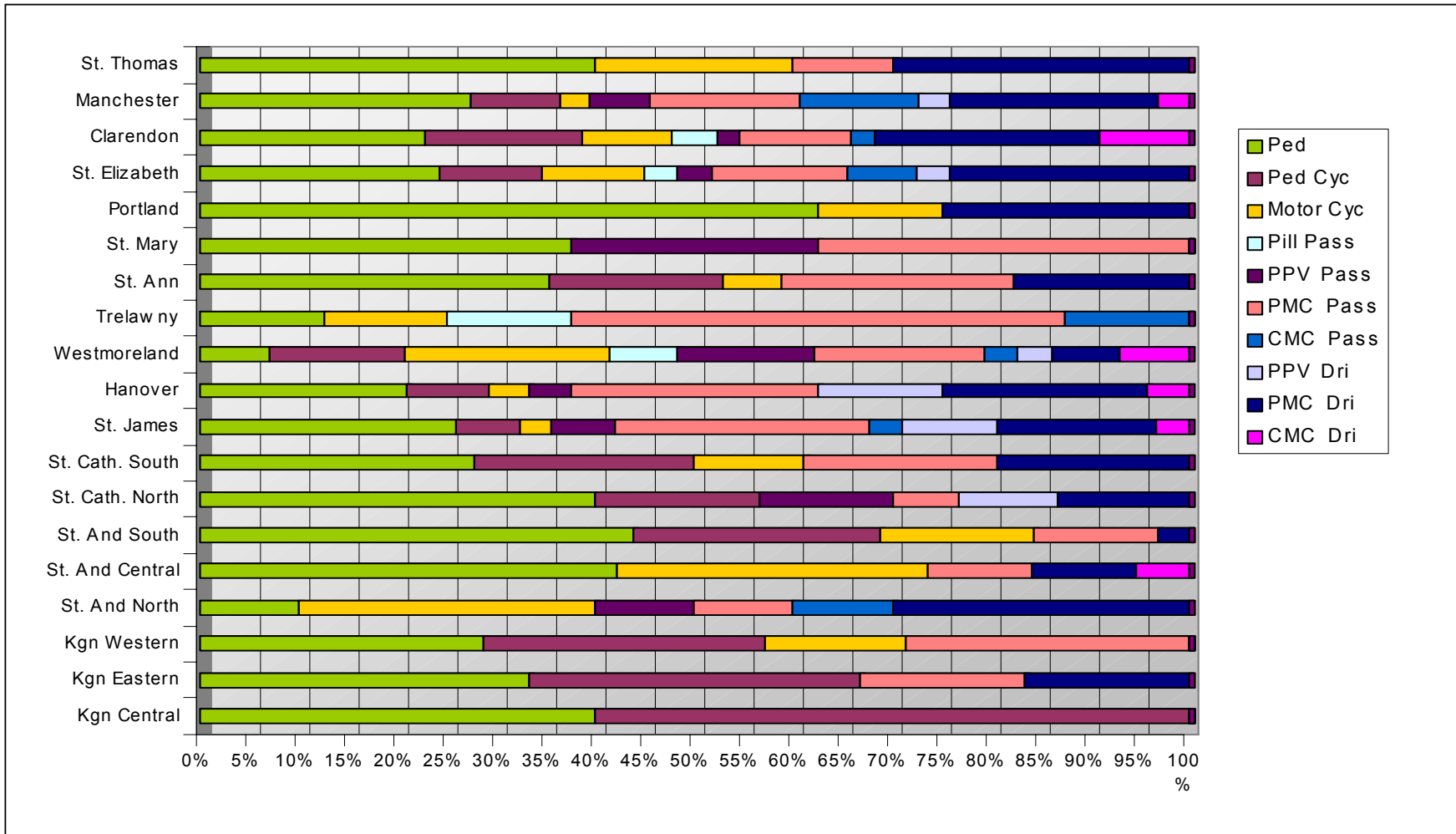
Road Users Killed by Division 2003-2004



Source: Road Safety Unit

Chart 7

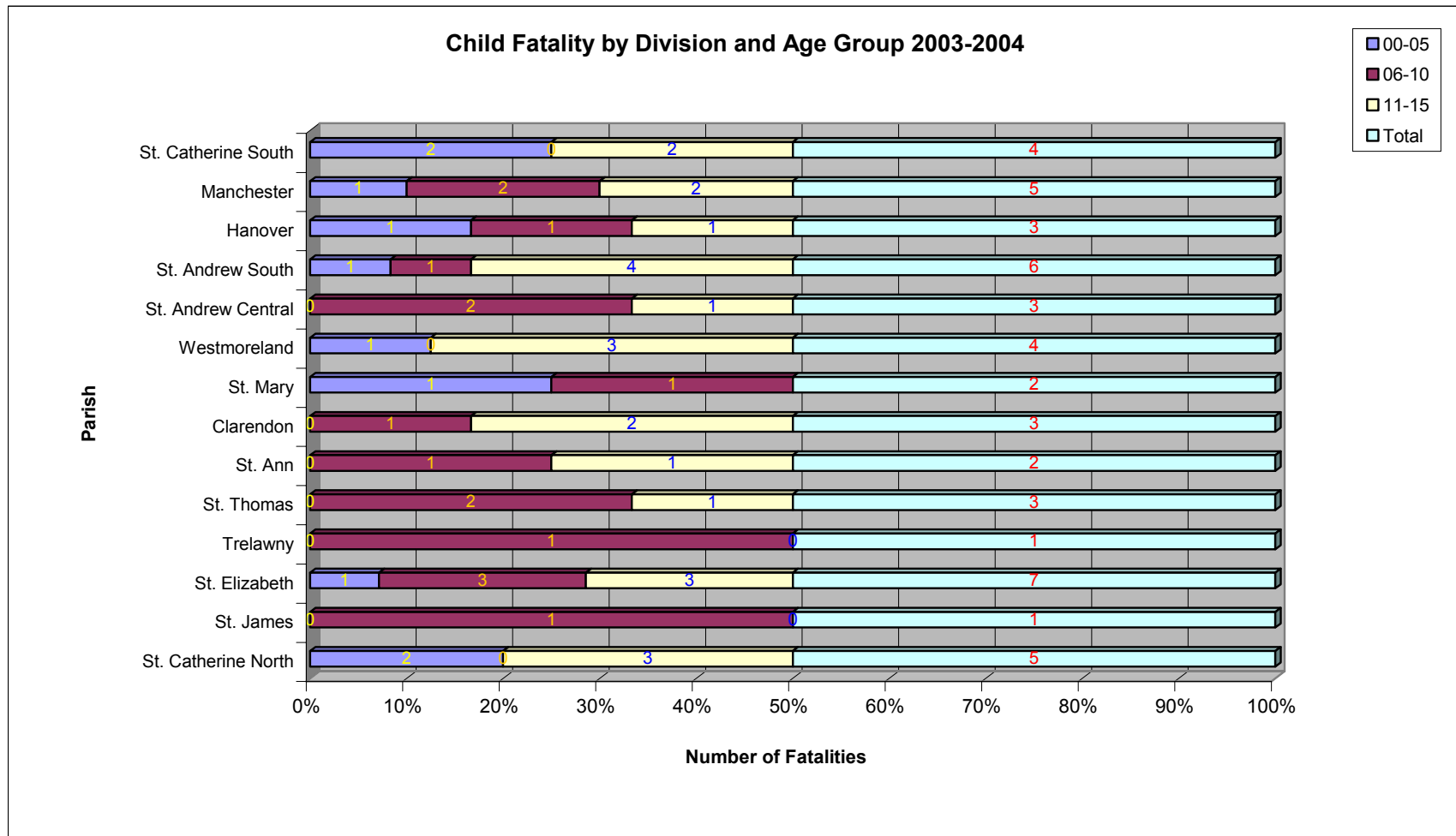
Category of Road Users Killed by Division, 2003-2004



Source: Road Safety Unit

Chart 8

Child Fatalities by Division and Age Group 2003-2004



Source: Road Safety Unit

Table N Fatal Accidents and Fatalities 1995 – 2003

Year	All Accidents	Fatal Accidents	Resulting Fatalities	All Injuries
1995	7,379	318	367	3,044
1996	6,868	303	342	3,031
1997	8,660	336	372	3,637
1998	8,086	312	356	3,737
1999	11,010	262	295	3,892
2000	11,145	292	334	3,886
2001	14,257	323	361	3,910
2002	12,230	369	408	3,911
2003	12,585	354	391	4,041
TOTAL	92,220	2,869	3,226	33,089

Source: Road Safety Unit

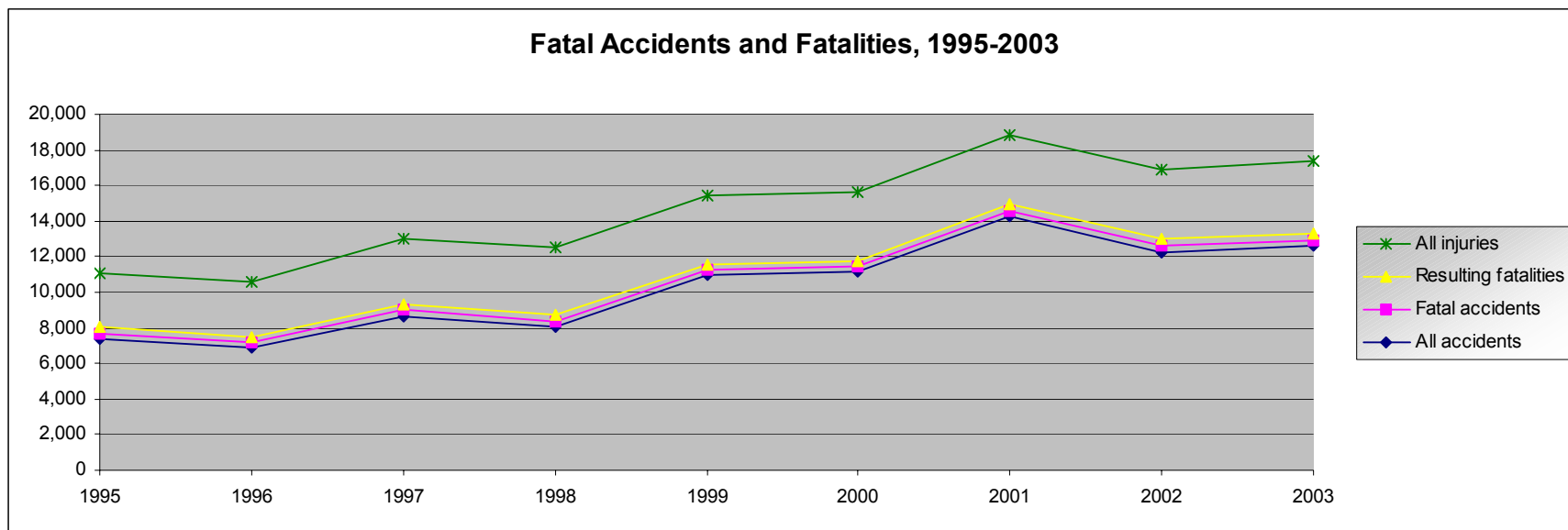
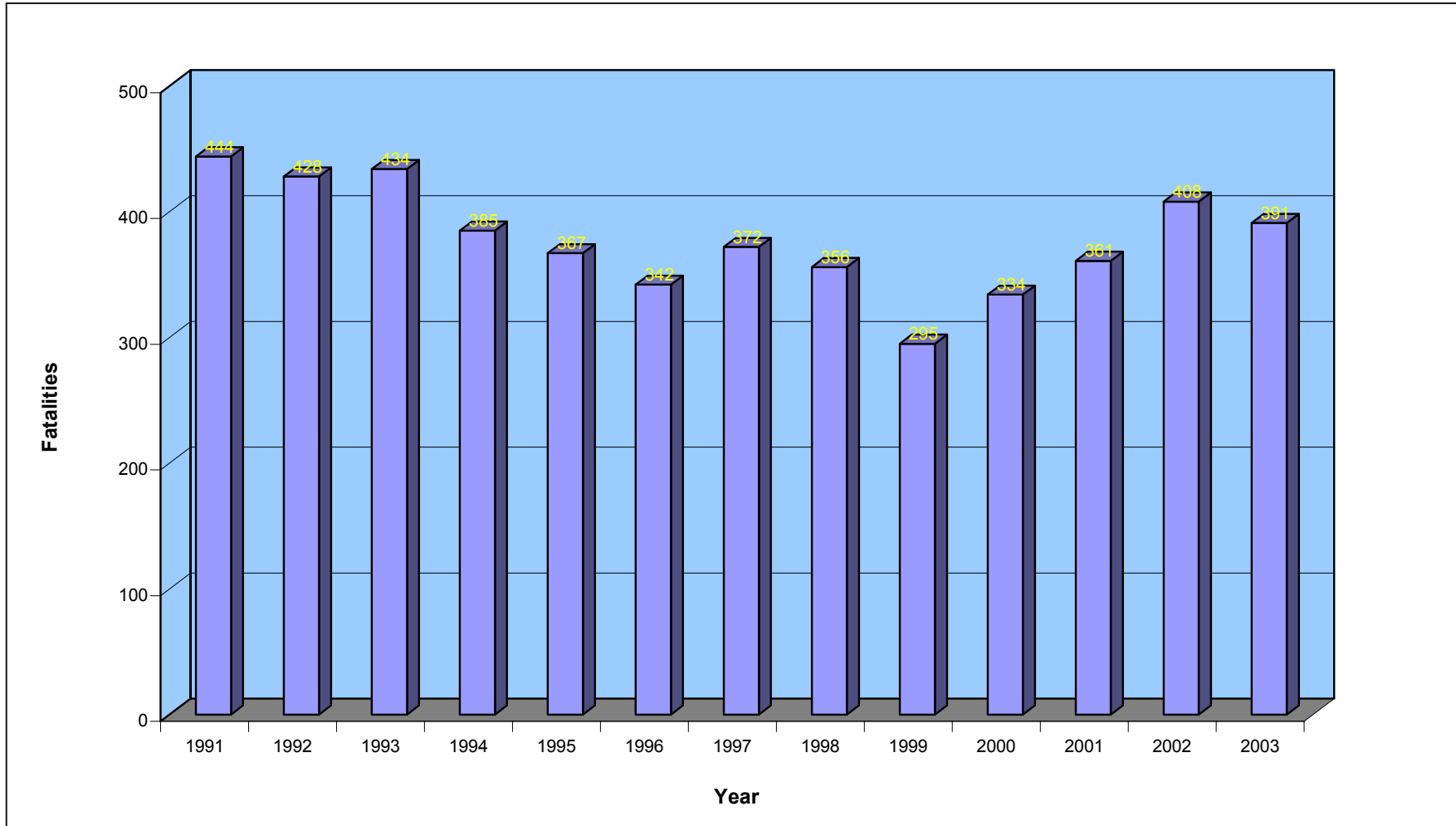


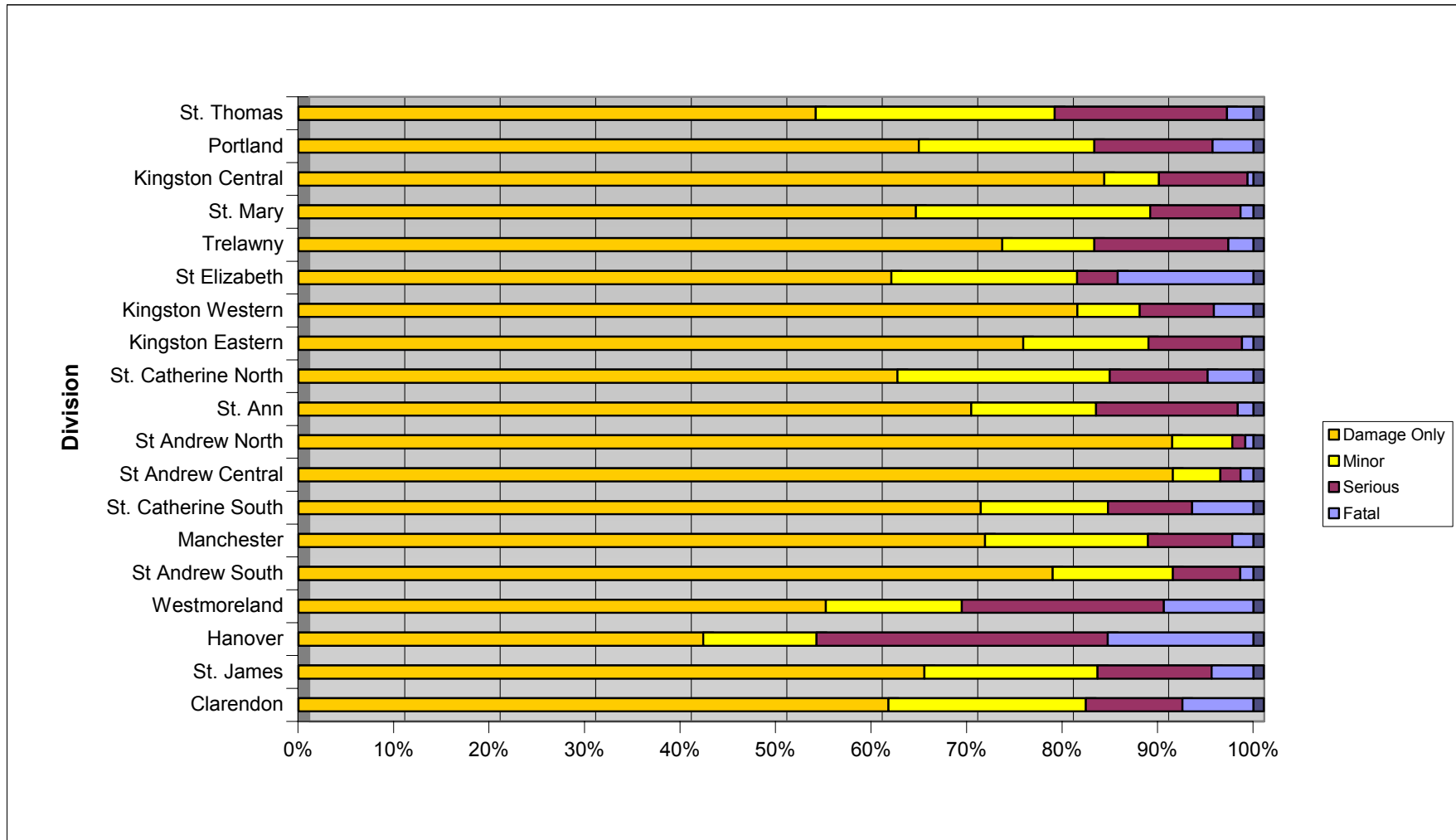
Chart 9 **Road Fatalities 1991 – 2003**



Source: Road Safety Unit

Chart 10

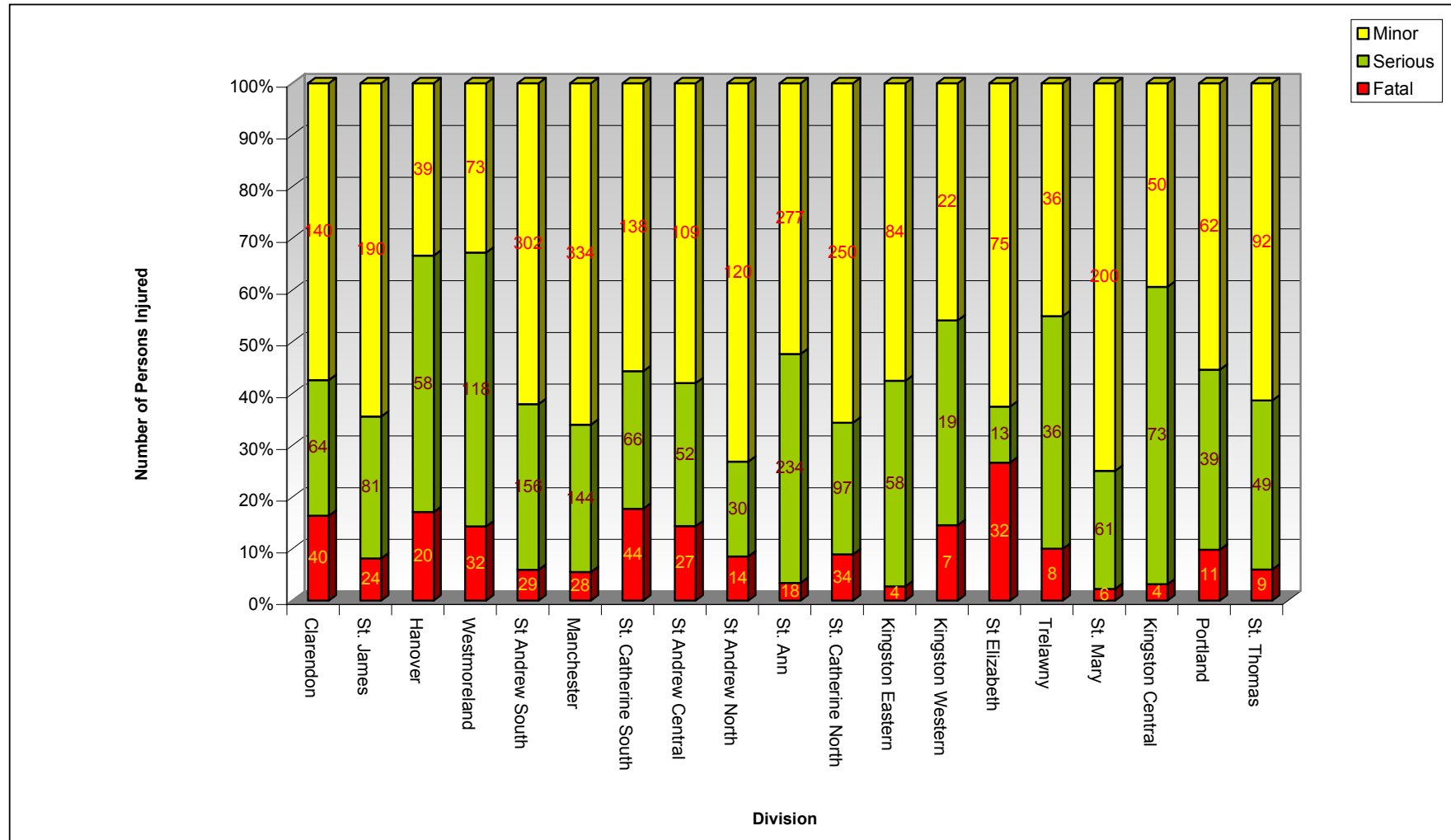
Traffic Accidents by Division and Severity 2003-2004



Source: Road Safety Unit

Chart 11

Casualties by Division and Degree of Injury, 2003



Source: Road Safety Unit

Table O Road Fatalities by Categories of Road Users (1991-2003)

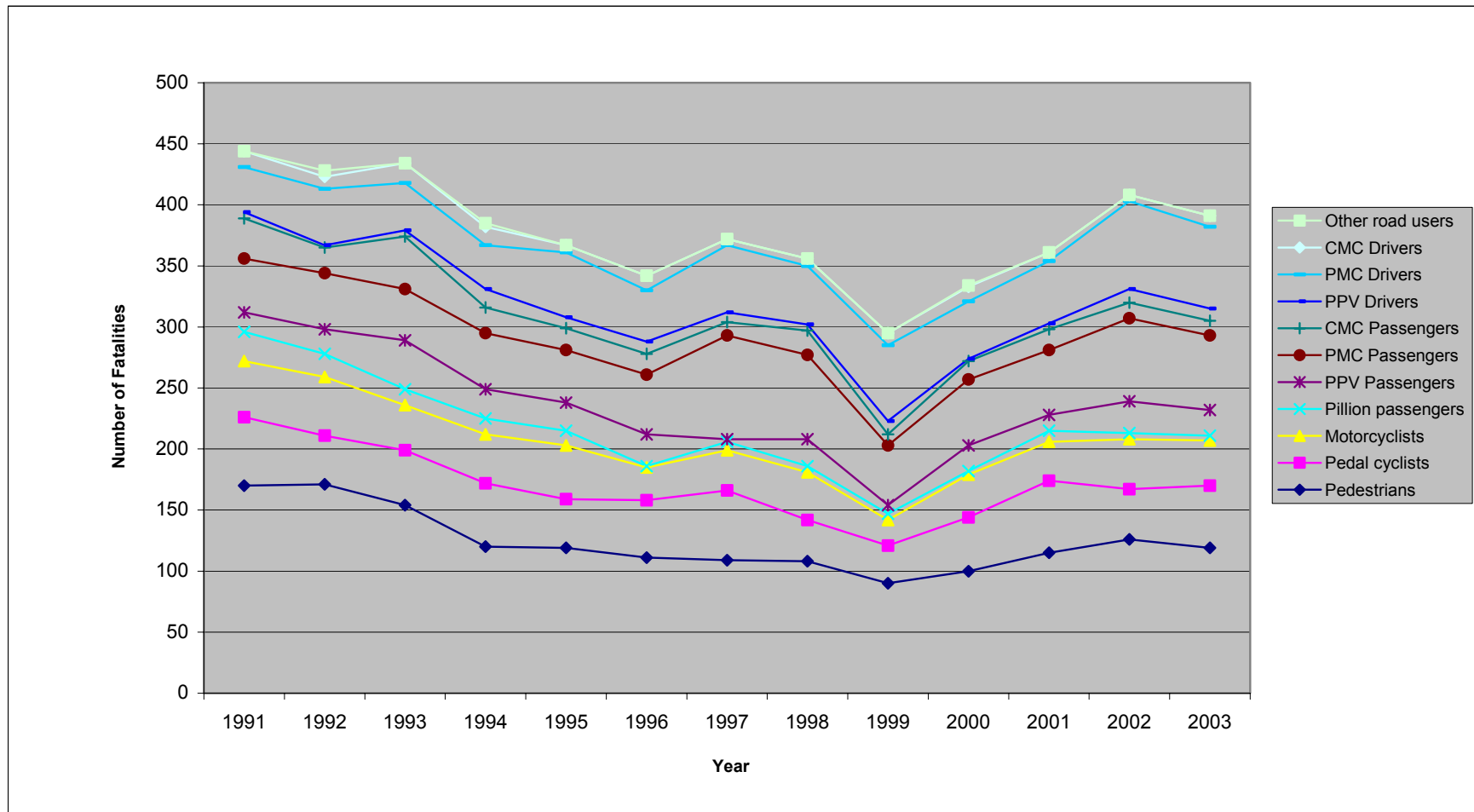
Road Users	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	TOTAL
Pedestrians	170	171	154	120	119	111	109	108	90	100	115	126	119	1,612
Pedal cyclists	56	40	45	52	40	47	57	34	31	44	59	41	51	597
Motorcyclists	46	48	37	40	44	27	33	39	21	35	32	41	37	480
Pillion passengers	24	19	13	13	12	1	7	5	5	3	9	5	4	120
PPV Passengers	16	20	40	24	23	26	2	22	7	21	13	26	21	261
PMC Passengers	44	46	42	46	43	49	85	69	49	54	53	68	61	709
CMC Passengers	33	21	43	21	18	17	11	20	9	15	17	13	12	250
PPV Drivers	5	2	5	15	9	10	8	5	11	2	5	11	10	98
PMC Drivers	37	46	39	36	53	42	55	48	62	47	51	72	67	655
CMC Drivers	13	10	16	15	6	12	5	6	10	12	7	5	9	126
Other road users	0	5	0	3	0	0	0	0	0	1	0	0	0	9
TOTAL	444	428	434	385	367	342	372	356	295	334	361	408	391	4,526

Source: Road Safety Unit

*CMC - Commercial Motor Vehicles**PMC Passengers - private motor vehicle passengers**PPV - public passenger vehicle**PPV Drivers - public passenger vehicle drivers**PMC Drivers - private motor vehicle drivers**Pillion Passengers - passengers on motorcycle or bicycle*

Chart 12

Road Fatalities by Category of Road Users (1991-2003)



Source: Road Safety Unit

Table P Road Fatalities based on Gender 1991-2003

Gender	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	TOTAL	Total %
Men	372	372	339	339	299	273	300	264	232	270	288	313	316	3977	81%
Women	72	56	95	46	68	69	72	92	63	64	73	95	75	940	19%
TOTAL	444	428	434	385	367	342	372	356	295	334	361	408	391	4917	100%

Source: Road Safety Unit

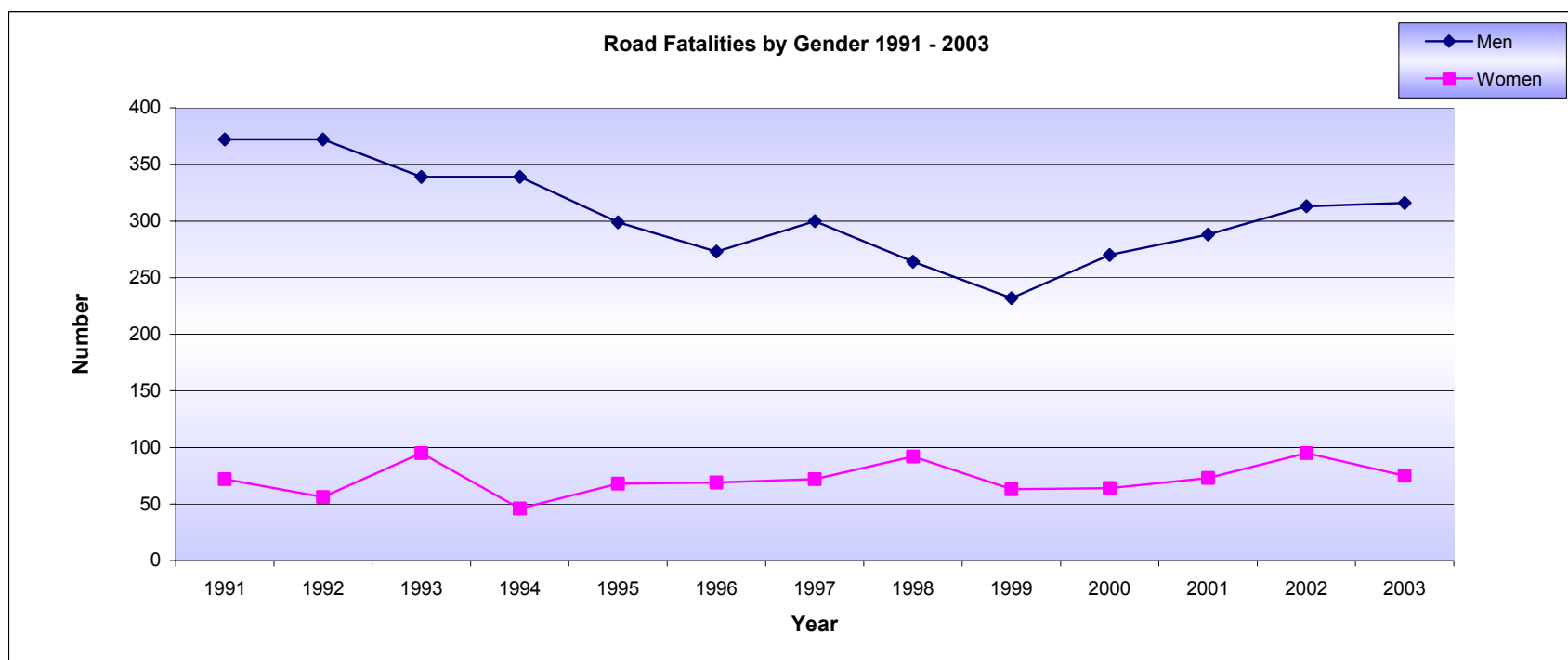


Table Q Maritime Authority of Jamaica: Casualty Investigations 2003-2004

<i>Casualty Investigations</i>	<i>Nature</i>	<i>Ship Type</i>
<i>February 2003</i>	Personal Injury	Personal Water Craft
<i>February 2003</i>	Engine Failure	Car Carrier
<i>February 2003</i>	Grounding	Cargo Ship

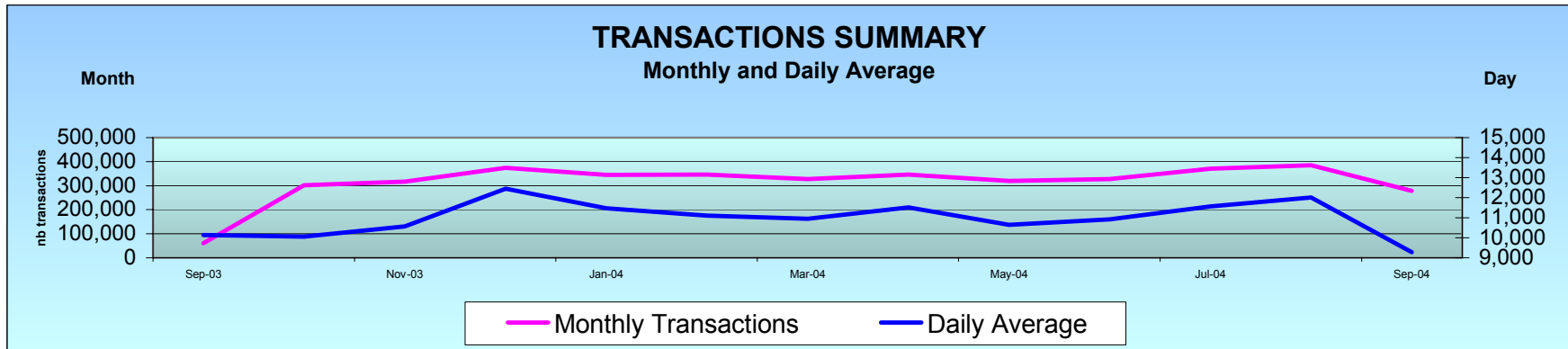
Source: Maritime Authority of Jamaica

Table R Oil Pollution Incidents (Marine) 2003-2004

<i>Date</i>	<i>Nature of Incident</i>	<i>Ship Type</i>
<i>February 2003</i>	Discharge from Shore Hose	Tanker

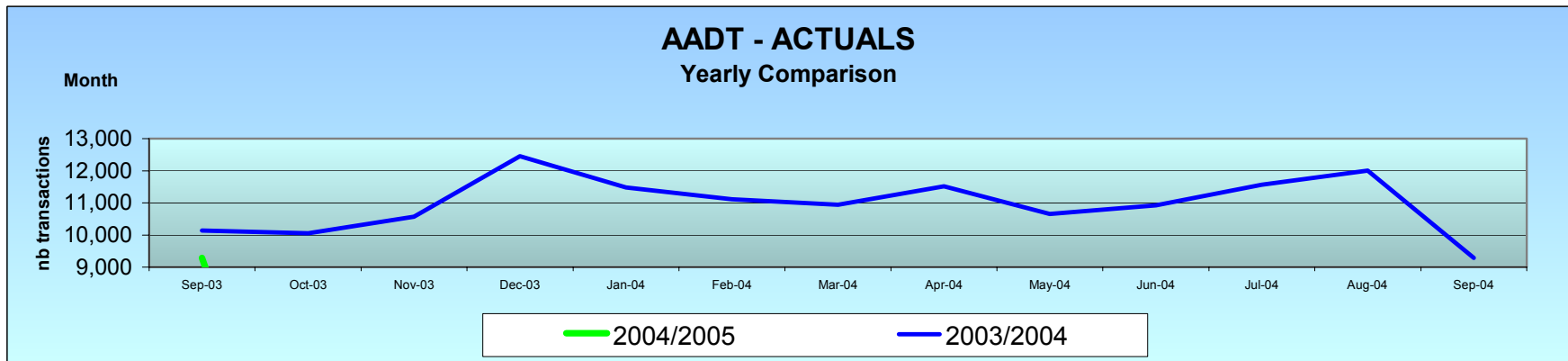
Source: Maritime Authority of Jamaica

Chart 13 Average Daily and Monthly Traffic Along Old Harbour Bypass (September 2003 - September 2004)



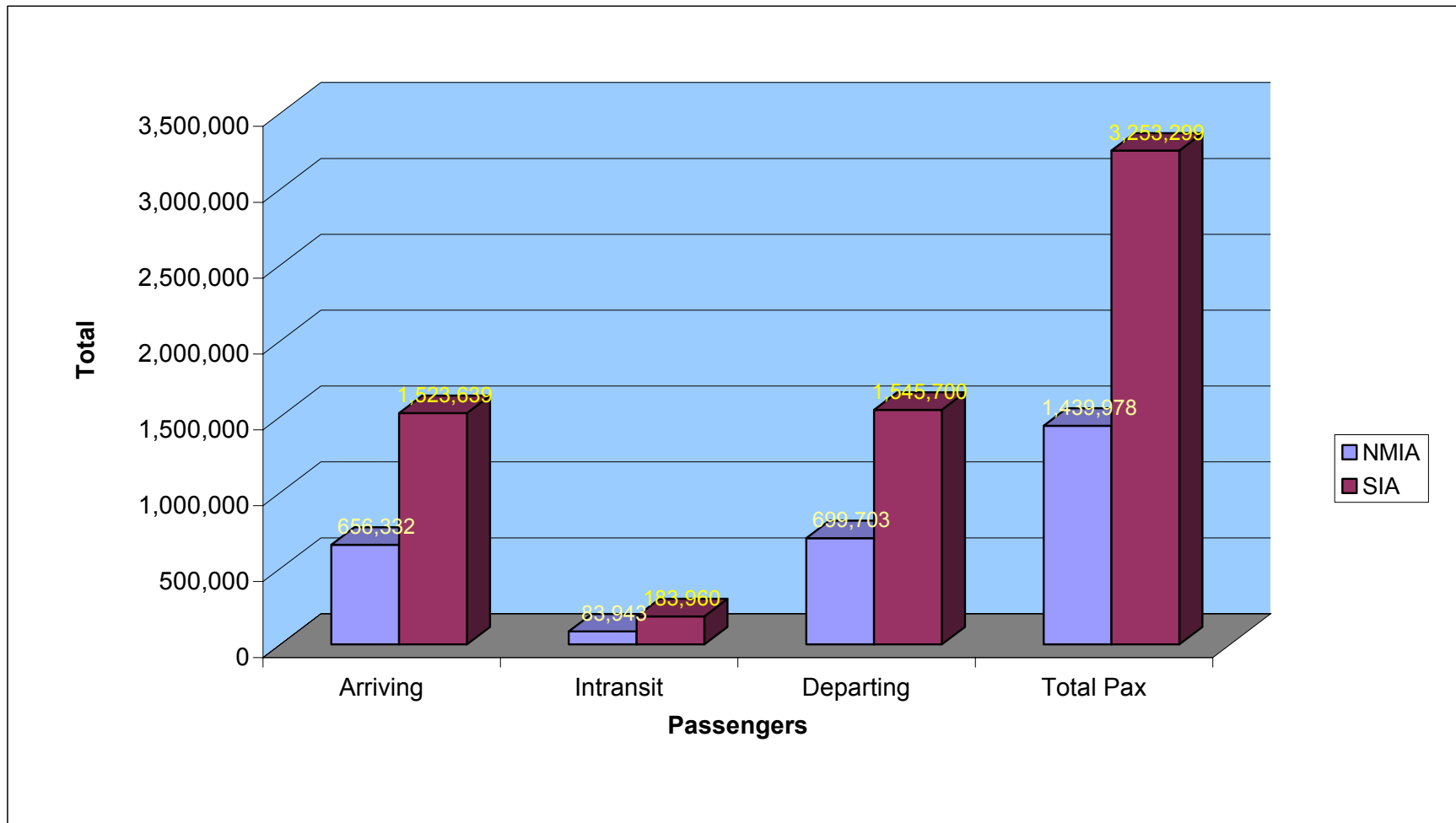
Source: Toll Authority: Monthly Reports, September 2004

Chart 14 Annual Average Daily Traffic (AADT) on Old Harbour Bypass (September 2003 - September 2004)



Source: Toll Authority: Monthly Reports, September 2004

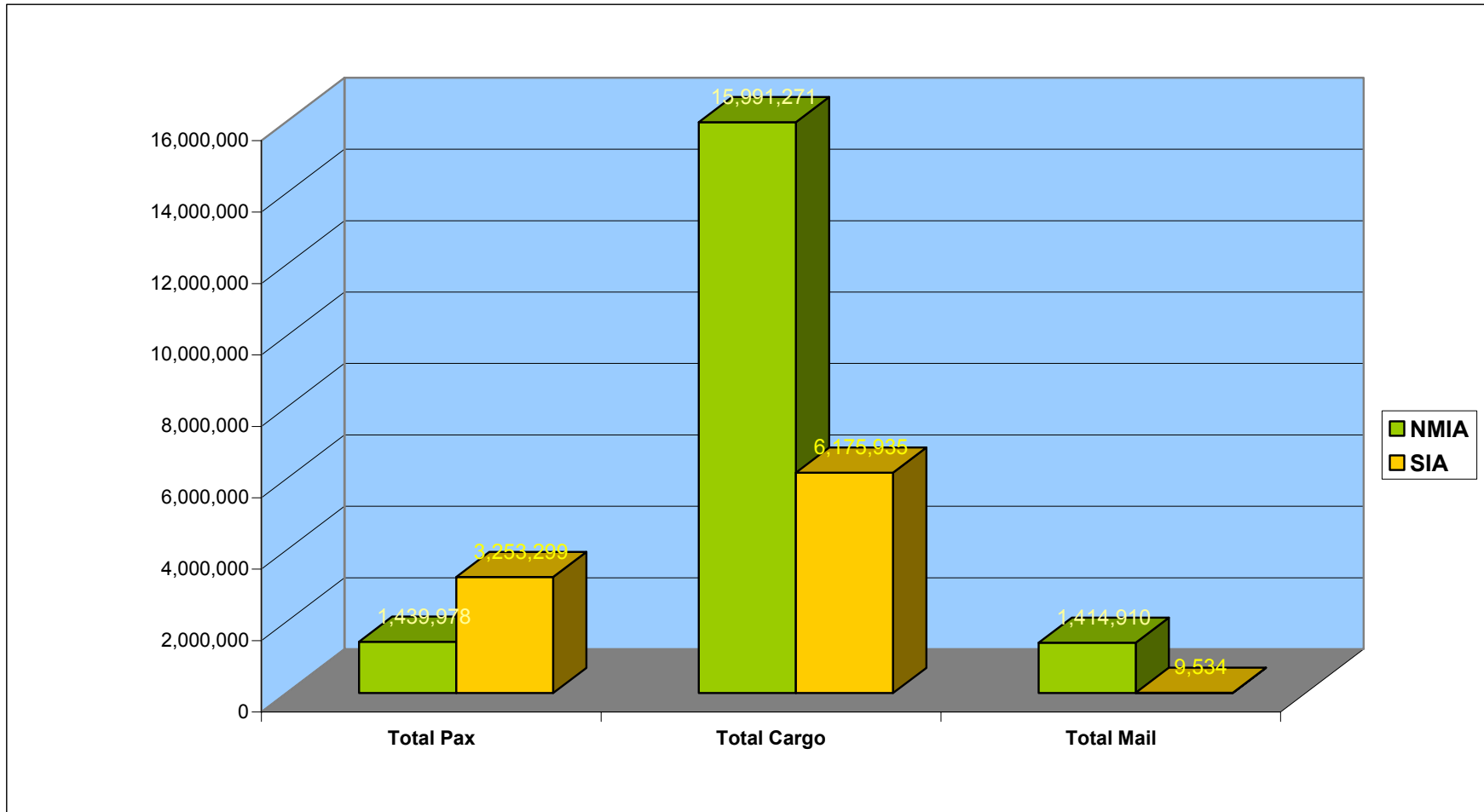
Chart 15 Total Passenger Movements at Norman Manley International Airport and Sangster International Airport 2003-2004



Source: Airports Authority of Jamaica

Chart 16

Passenger, Cargo and Mail Movements at International Airports 2003-2004



Source: Airports Authority of Jamaica

Table S Passenger Movements at Norman Manley International Airport 2000-2003

Year	Arrivals	Intransits	Departures	TOTAL
2000	667,584	135,109	740,883	1,543,576
2001	672,039	147,228	731,112	1,550,379
2002	686,761	103,656	721,387	1,511,804
2003	657,855	94,306	707,309	1,459,470

Source: Airports Authority of Jamaica

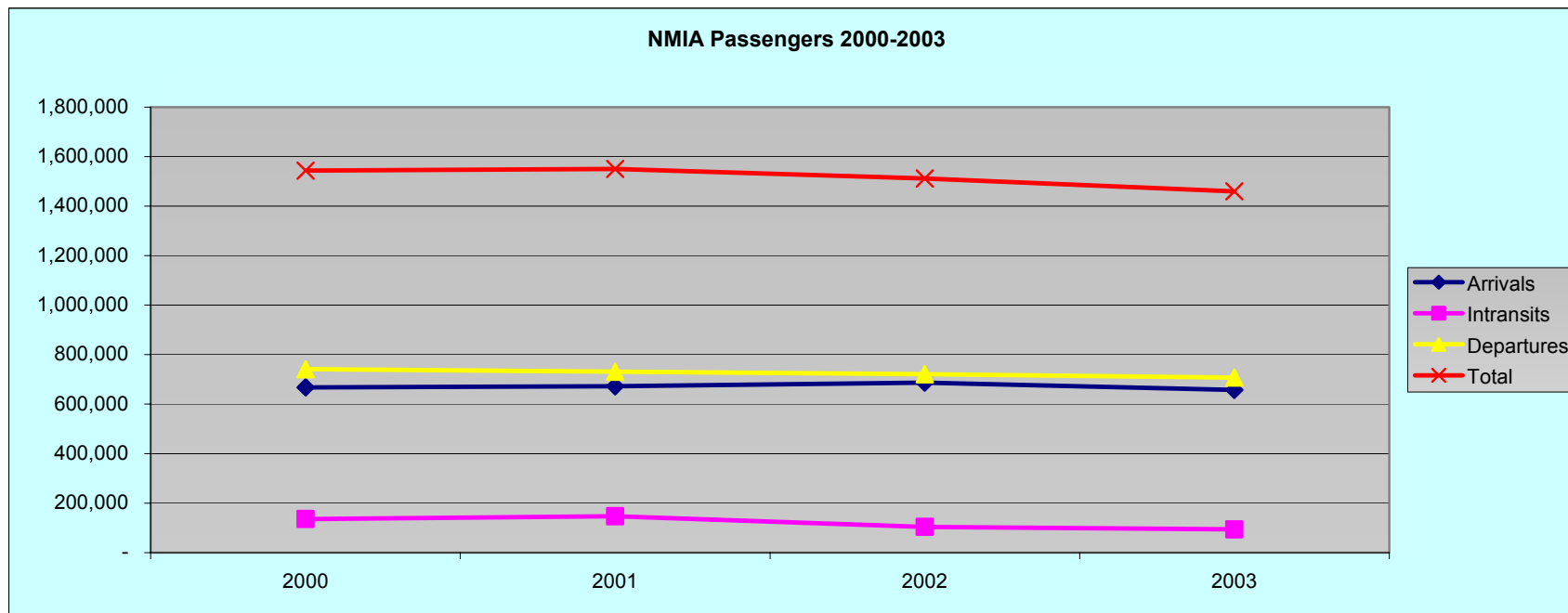


Table T Passenger Movements at Sangster International Airport 2000-2003

Year	Arrivals	Intransits	Departures	TOTAL
2000	1,372,095	247,443	1,409,173	3,028,711
2001	1,375,644	235,498	1,417,114	3,028,256
2002	1,450,031	177,298	1,488,271	3,115,600
2003	1,515,909	179,503	1,532,650	3,228,062

Source: Airports Authority of Jamaica

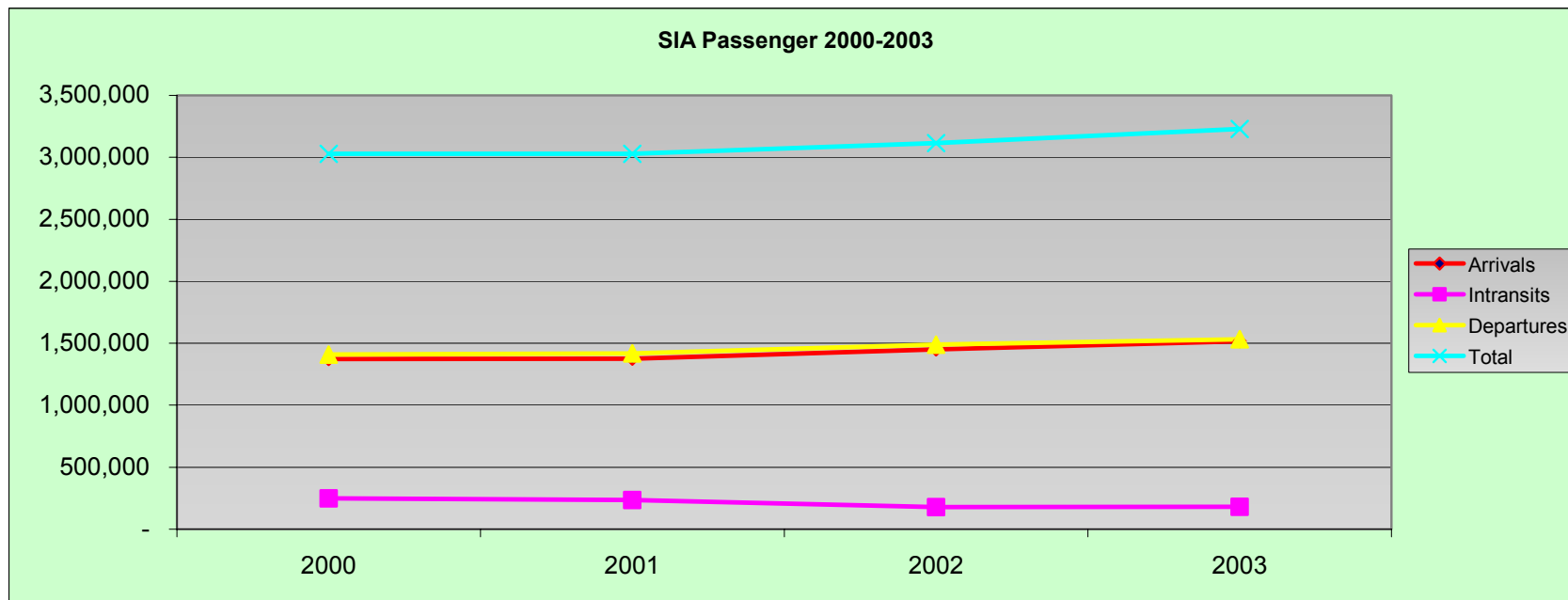


Table U

Jamaican Civil Aircraft Register 2003

Registration Marking	Type/Model	Serial Number	Operator	Owner/Lessor	Orig. Reg'n Date	C of A Category	Mctow (lbs.)	Seating	Engine Make	Engine Model
6Y-JAF	AIRBUS A320-214	0624	Air Jamaica Limited	WILMINGTON TRUST CO.	Sept 9/02	Commercial Air Transport	169754	158	CFM Int'l	56-5B
6Y-JAG	AIRBUS A320-214	0626	Air Jamaica Limited	WILMINGTON TRUST CO.	Oct 23/02	Commercial Air Transport	169754	158	CFM Int'l	56-5b
6Y-JAH	PIPER PA-31-350	317852140	Private	Whirl Wind Aviation	Mar 8/01	General Aviation	7045	8	Textron Lycoming	L/TIO-540-J2BD
6Y-JAI	AIRBUS A320-214	628	Air Jamaica Limited	WELLS FARGO BANK N.W.	Nov 19/02	Commercial Air Transport	169754	158	CFM	56-SB4/P
6Y-JAJ	AIRBUS A320-214	0630	Air Jamaica Limited	WELLS FARGO BANK N.W.	Sept 26/02	Commercial Air Transport	169754	158	CFM Int'l	56-5B
6Y-JAP	Britten-Norman BN2A-6	621	Private	DOLCE VITA ADVENTURES	Jan 22/00	General Aviation	6608	10	Textron Lycoming	IO-540-K1B5
6Y-JBA	CESSNA 140	14014548	Private	DUDLEY BEEK	Aug 9/85	General Aviation	1450	2	Continental	C-85-12
6Y-JCB	CESSNA 150	15078737	Caribbean Aviation	Caribbean Aviation Center	March 11/02	Commercial Air Transport	1600	2	Continental	O-200-A
6Y-JCD	CESSNA 150G	15065823	Caribbean Aviation	Caribbean Training Center	August 2/02	General Aviation	1600	2	Continental	O-200-A
6Y-JCF	CESSNA 172R	17281110	Caribbean Aviation	Cessna Finance Corporation	Nov 27/02	Commercial Air Transport	6600	4	Textron Lycoming	IO-360C
6Y-JCG	CESSNA 72SP	172S8836	Caribbean Aviation T.C.	Flight Share (LCC)	Jan 15,2003	Commercial Air Transport	2558	4	Lycoming	10-360-I2A
6Y-JDB	MITSUBISHI MU2-26A	353SA	Private	DUDLEY BEEK	Feb 25/97	General Aviation	10500	9	Garrett	TPE331-10
6Y-JDD	AYRES S2R	T34-037DC	Dustair Ltd.	Dustair Ltd.	Sept 01/03	Aerial Work	6000	2	Pratt & Whitney	PT6-34AG
6Y-JDK	CESSNA 182G	18255494	Airways Intl Ltd.	Airways Intl Ltd.	Aug 17/83	Commercial Air Transport	2800	4	Teledyne Continental	O-470-U
6Y-JDM	CESSNA 182Q	18265691	Private	Dwight A. Moore	March 20, 2002	General Aviation	2950	4	Teledyne Continental	O-470-U
6Y-JDY	CESSNA 180E	18051142	Airways Intl Ltd.	J.S. TYNDALE-BISCOE	Mar 31/65	General Aviation	2650	4	Continental	O-470-R
6Y-JEB	DeHAVILLAND DHC-8-102	59	Air Jamaica Express Ltd.	CIT FINANCIAL LTD	NOV 10/00	Commercial Air Transport	34430	36	Pratt & Whitney	PW120
6Y-JEC	DeHAVILLAND DHC-8-102	43	Air Jamaica Express Ltd.	CIT Leasing Corp.	May 29/01	Commercial Air Transport	34430	36	Pratt & Whitney	PW120
6Y-JED	DeHAVILLAND DHC-8-102	50	Air Jamaica Express Ltd.	CIT Leasing Corp.	July 2/01	Commercial Air Transport	34430	36	Pratt & Whitney	PW120

Table U (cont'd) – Civil Aircraft Registry

Registration Marking	Type/Model	Serial Number	Operator	Owner/Lessor	Orig. Reg'n Date	C of A Category	Mctow (lbs.)	Seating	Engine Make	Engine Model
6Y-JEI	CESSNA 172D	17249724	Private	KEVIN MCKENZIE	JUN 28/99	General Aviation	2300	4	Continental	O-300-C/D
6Y-JEZ	PIPER PA-32-260	32-655	Private	SOLOMON BEPAT	Jun 20/00	General Aviation	3400	6	Lycoming	O-540-E4B5
6Y-JFA	PIPER PA-32-260	32-376	Private	AGAJA DEENAH	Jul 21/98	General Aviation	3400	6	Lycoming	O-540-E4B5
6Y-JFG	CHAMPION CITABRIA	63	Private	Wings Jamaica Ltd. .	Feb 27/68	General Aviation	1067	2	Lycoming	O-235-K2C
6Y-JGA	CESSNA 152	15281353	Caribbean Aviation T.C.	Blue Mountain Flying Club	Nov 02/01	General Aviation	1670	2	Lycoming	O-235-L2C
6Y-JGB	CESSNA 152	15285455	Blue Mountain Flying Club	Blue Mountain Flying Club	JUN 17/02	General Aviation	1675	2	Textron Lycoming	O-235-L2C
6Y-JGQ	CESSNA 182N	18260254	Wings Jamaica Ltd. .	Wings Jamaica Ltd. .	Mar 3/94	General Aviation	1665	4	Teledyne Continental	O-470-U
6Y-JHB	PIPER PA-23-250	27-7554023	Private	V & H Brown Enterprise	March 19, 2002	General Aviation	5200	6	Textron Lycoming	IO-540-C4B5
6Y-JHN	CESSNA 182P	18261410	Private	HAKATO NARIMUTSU	FEB 10/00	General Aviation	2950	4	Teledyne Continental	O-470-U
6Y-JHO	CESSNA 182P	18261237	Airways Intl Ltd.	Airways Intl Ltd.	Jan 14/85	Commercial Air Transport	2950	4	Teledyne Continental	O-470-U
6Y-JHT	CESSNA 172L	17260751	Wings Jamaica Ltd.	Wings Jamaica Ltd.	Jun 25/93	General Aviation	2300	4	Lycoming	O-320-E2D
6Y-JIB	BEECH E55	TE947	Wings Jamaica Ltd.	JA. A/C. CHARTERERS	Nov 16/73	General Aviation	4018	5	Continental	IO-520-C
6Y-JIM	CESSNA 172M	17265181	Wings Jamaica Ltd.	Wings Jamaica Ltd.	Apr 22/75	General Aviation	2300	4	Lycoming	O-320-E2D
6Y-JJC	CESSNA U206F	20602650	Airspeed Jamaica Ltd.	KEITH D. CHARLES	Aug 3/83	Commercial Air Transport	3600	6	Continental	IO-520-F
6Y-JJM	CESSNA T210M	21062203	Private	Delroy McLaughlin	May 10/02	General Aviation	3800	4	Continental	IO-520-L
6Y-JJS	CESSNA 182Q	18265686	Private	CENTRAL RENT-A-CAR	Nov 6/81	General Aviation	1675	4	Teledyne Continental	O-470-U
6Y-JKM	ROCKWELL S2R-1820	2123R	Dustair Ltd.	Dustair Ltd.	Oct 21/86	Aerial Work	9100	1	Wright	R-1820
6Y-JKO	CESSNA 172N	17268620	Private	JALANTA LTD.	Jun 3/92	General Aviation	2300	4	Lycoming	O-320-H2AD
6Y-JLJ	CESSNA 172M	17262053	Private	MIKE AIR LTD.	Sep 11/87	General Aviation	2300	4	Lycoming	O-320-E2D
6Y-JLU	Britten-Norman BN2B-21	2170	Timair Limited	Timair Limited.	Jun 11/96	Commercial Air Transport	6600	10	Textron Lycoming	O-540-E4C5
6Y-JLV	AYRES S2R-1820	R1820-035DC	Dustair Ltd.	Dustair Ltd.	Aug 29/90	Aerial Work	6000	2	Wright	R-1820
6Y-JMA	AIRBUS A320-212	528	Air Jamaica Limited	ILFC	Oct 28/98	Commercial Air Transport	169752	150	CFMI	CFM56-5A3
6Y-JMB	AIRBUS A320-212	422	Air Jamaica Limited	First Security Trust of Nev.	May 8/99	Commercial Air Transport	169752	150	CFMI	CFM56-5A3

Table U (cont'd) – Civil Aircraft Registry

Registration Marking	Type/Model	Serial Number	Operator	Owner/Lessor	Orig. Reg'n Date	C of A Category	Mctow (lbs.)	Seating	Engine Make	Engine Model
6Y-JMC	AIRBUS A340-314	48	Air Jamaica Limited	ILFC (Bermuda) 4	May 18/99	Commercial Air Transport	606265	294	CFMI	CFM56-5C
6Y-JMD	AIRBUS A321-211	666	Air Jamaica Limited	ILFC	JAN 14/99	Commercial Air Transport	196000	186	CFMI	CFM56-5B
6Y-JME	AIRBUS A321-211	775	Air Jamaica Limited	ILFC	Feb 26/99	Commercial Air Transport	196000	186	CFMI	CFM56-5B
6Y-JMF	AIRBUS A320-214	1213	Air Jamaica Limited	GE CAPITAL LEASING	17-May-00	Commercial Air Transport	169754	150	CFMI	CFM56-5B
6Y-JMG	AIRBUS A320-214	1390	Air Jamaica Limited	Mystic River Acft Finance	Feb 7/01	Commercial Air Transport	169754	150	CFMI	CFM56-5B
6Y-JMH	AIRBUS A321-211	1503	Air Jamaica Limited	GE Capital Aviation Svcs.	May 31/01	Commercial Air Transport	196000	150	CFMI	CFM56-5B
6Y-JMI	AIRBUS A320-214	1747	Air Jamaica Limited	CIT	April 16/02	Commercial Air Transport	169754	150	CFMI	CFM56-5B
6Y-JMJ	AIRBUS A320-214	1751	Air Jamaica Limited	CIT	April 19/02	Commercial Air Transport	169754	150	CFMI	CFM56-5B
6Y-JMK	AIRBUS A320-214	2048	Air Jamaica Limited	ILFC	Jul 18/03	Commercial Air Transport	169754	150	CFMI	CFM56-5B
6Y-JMM	AIRBUS A340-313	216	Air Jamaica Limited	ILFC	Mar 4/03	Commercial Air Transport	606265	294	CFMI	CFM56-5C
6Y-JMP	AIRBUS A340-313	257	Air Jamaica Limited	ILFC	Mar 5/02	Commercial Air Transport	606265	278	CFMI	CFM56-5C
6Y-JMR	AIRBUS A321-211	1905	Air Jamaica Limited	ILFC	Feb 27/03	Commercial Air Transport	196000	150	CFMI	CFM56-5B
6Y-JMS	AIRBUS A321-211	1905	Air Jamaica Limited	ILFC	May 14, 2003	Commercial Air Transport	196000	194	CFMI	CFM56-5B
6Y-JMT	DeHAVILLAND DHC-8-102	104	Air Jamaica Express Ltd.	AERO CENTURY CORP	Apr-00	Commercial Air Transport	34430	36	Pratt & Whitney	PW120
6Y-JMZ	DeHAVILLAND DHC-8-102	110	Air Jamaica Express Ltd.	AERO CENTURY CORP	Apr-00	Commercial Air Transport	34430	36	Pratt & Whitney	PW120
6Y-JNA	CESSNA U206G	20603837	Timair Limited	Timair Limited.	Apr 16/93	Commercial Air Transport	3600	6	Continental	IO-520-F
6Y-JNB	CESSNA U206G	20603615	Timair Limited	Timair Limited.	May 14/93	Commercial Air Transport	3600	6	Continental	IO-520-F
6Y-JNC	CESSNA 182Q	18266008	Sylvia M. Bateman	Sylvia M. Bateman	Sept 1/03	Private	2950	4	Teledyne Continental	O-470-U
6Y-JNE	CESSNA P206B	P206-0367	Airways Intl Ltd.	AIRPAK EXPRESS	May 20/93	Commercial Air Transport	3600	6	Continental	IO-520-A
6Y-JNJ	CESSNA U206G	U20606359	Timair	TIMAIR	Sept 12/03	Commercial Air Transport	3600	6	Teledyne Continental	IG-520-F
6Y-JNL	CESSNA U206G	U20605620	Timair Limited	Timair Limited.	Nov 17/00	Commercial Air Transport	3600	6	Continental	IO-520-F

Table U (cont'd) – Civil Aircraft Registry

Registration Marking	Type/Model	Serial Number	Operator	Owner/Lessor	Orig. Reg'n Date	C of A Category	Mctow (lbs.)	Seating	Engine Make	Engine Model
6Y-JNS	Britten-Norman BN2B-20	2289	Private	Glencore Alumina Jamaica	Jun 6/96	General Aviation	6600	10	Textron Lycoming	O-540-E4C5
6Y-JRD	CESSNA U206G	20604522	Rutair Limited	CONSTANCE LEVY	Jun 24/98	Commercial Air Transport	3600	6	Continental	IO-520-F
6Y-JRF	CESSNA T207AC	20700365	Rutair Limited	M&M LEASING LLC	Oct 07/03	Commercial Air Transport	3800	7	Teledyne Continental	IO-520-F
6Y-JRG	CESSNA 208B	208B311	Rutair Limited	CARAVAN 311	Feb 26/02	Commercial Air Transport	8750	10	Pratt & Whitney	PT6A-114
6Y-JSE	PIPER PA-31-350	31-7405421	Private	Arthur Black	Aug 2/02	General Aviation	7000	10	Textron Lycoming	IO-540-J2BD
6Y-JSW	CESSNA U206G	20606469	Burlair Ltd.	SOLOMON BEPAT	Aug 22/03	Commercial Air Transport	3600	6	Continental	IO-520-F
6Y-JSX	Britten-Norman BN2A-27	78	Airspeed Jamaica Ltd.	Dairy Aire L.L.C.	Jul 26/02	Commercial Air Transport	6600	10	Textron Lycoming	O-540-E4C5
6Y-JTA	CESSNA 172M	17267288	TARA Couriers Ltd.	ADAM HOLDINGS LTD	Nov 9/00	Commercial Air Transport	2300	4	Lycoming	O-320-E2D
6Y-JTB	PIPER PA-23-250	27-3293	TARA Couriers Ltd.	ADAM HOLDINGS LTD	Aug 2/00	Commercial Air Transport	5200	6	Textron Lycoming	IO-540-C4B5
6Y-JTC	CESSNA 182Q	18265231	TARA Couriers Ltd.	ADAM HOLDINGS LTD	NOV 28/96	Commercial Air Transport	2950	4	Teledyne Continental	O-470-U
6Y-JUC	Technam Echo P92	278	Private (Ultralight)	Axel Sonnenberg	April 11/02	Sport Flying	990	2	Rotax	912
6Y-JUL	WYNTER-PITTS S1	S1-1059	D. Wynter & E. Walker	David Wynter & E. Walker	April 25, 2003	Experimental			Lycoming	
6Y-JWL	CESSNA 150M	15078623	Private	BUTTERFLY LEASING	SEP 10/99	General Aviation	1600	2	Continental	O-200-A
6Y-JWQ	CESSNA 182P	18262196	Private	BUTTERFLY LEASING	Apr-01	General Aviation	2950	4	Teledyne Continental	O-470-U
6Y-JWT	PIPER PA-23-250	27-4186	Private	BUTTERFLY LEASING	Mar 9/01	General Aviation	5200	6	Textron Lycoming	IO-540-C4B5

Source: Civil Aviation Authority

Note:

- **C of A Category** refers to **Certificate of Airworthiness Category**. This is the rating issued by the Civil Aviation Authority on behalf of the Ministry of Transport and Works, which shows the certification of the aircraft based on the standard of aircraft maintenance and fitness. The standard for airworthiness differs based on private versus commercial aircraft for both cargo and passengers.
- **MCTOW (lbs.)** refers to **Maximum Certificated Take Off Weight** - maximum weight of aircraft, passenger/cargo and fuel at take-off.

Table V List of Local Aircraft Operators 2003-2004

Number	Local Operator*
1.	Air Jamaica Express
2.	Air Sunshine
3.	Airways International Limited
4.	Arthur Black
5.	Axel Sonnenberg
6.	Berkshire Aviation
7.	Blue Mountain Flying Club
8.	Butterfly Leasing
9.	Caribbean Aviation Centre
10.	Charles Bustater
11.	Claus Sannorgerb
12.	Cobb Partners
13.	Dudley Beeks
14.	Dustair Limited
15.	Dwight Moore
16.	Edward Bruff
17.	Hakato Narimutsu
18.	International Airlink
19.	J & H Corp
20.	Jamaica Defense Force
21.	K .D. Charles, Airspeed Jamaica Limited
22.	Kudu Aviation
23.	Mark Pugh
24.	Plantation Holdings
25.	Roy McTaggart
26.	Sandals
27.	Sladen
28.	Southern Aerosales

Table V (cont'd) – Local Aircraft Operators

Number	Local Operator*
29.	Stephen Fong-Yee
30.	Sun Carter LLC
31.	Superclubs
32.	Tara Flight Operators
33.	The Travel Club
34.	Tim Air Limited
35.	Tyrone Robinson
36.	Whirlwind Aviation
37.	Winalco/Alcan Jamaica Limited
38.	Wings Jamaica

Source: Airports Authority of Jamaica

* Other small private carriers and helicopters may occasionally use aerodrome but may not have a specific name.

Table W **List of International Scheduled and Non – scheduled Carriers 2003-2004**

<i>Number</i>	<i>International Non-scheduled Carriers</i>	<i>International Scheduled Carriers</i>
1.	AEROCARIBBEAN	AIR CANADA
2.	AEROGAVIOTA/CUBANA	AIR EUROPE
3.	AFRICAN INTERNATIONAL AIRWAYS	AIR JAMAICA
4.	AIR CARAIBES	AIR JAMAICA EXPRESS
5.	AIR ROUTING INTERNATIONAL	AIR SUNSHINE/SHARK
6.	AIRBOURNE EXPRESS	AMERICAN AIRLINES
7.	AIRPLUS COMET S.A.	AMERIJET INTERNATIONAL INC.
8.	AMERICAN TRANSAIR	B.W.I.A.
9.	AUSTRIAN AIRLINES	BRITISH AIRWAYS
10.	AVIALEASING AVIATION COMPANY	CAYMAN AIRWAYS
11.	AVIONES DE ORIENTE C.A. (AVIOR)	CONDOR
12.	BRESNAN AVIATION, LLC c/o UNIVERSAL AVIATION HOUSTON	CONTINENTAL AIRLINES
13.	BRITANNIA AIRWAYS	COPA
14.	CENTURIAN AIR CARGO	DELTA AIRLINES
15.	CHAMPION AIR	LTU
16.	CLAY LACY AVIATION INC. c/o UNIVERSAL AVIATION	MARTIN AIR
17.	CONTINENTAL AIRLINES INC.	NORTHWEST AIR
18.	CUBANA AIRLINES	U.S. AIR
19.	DHL AERO EXPRESS S.A.	LAUDA AIR S.P.A.
20.	EXCEL AIRWAYS LTD	MN AIRLINES LLC (SUN COUNTRY AIRLINES)
21.	FALCON AIR EXPRESS	
22.	FIRST CHOICE AIRWAYS	
23.	GEMINI AIR CARGO	

Table W (cont'd) – International Scheduled and Non-scheduled Carriers

<i>Number</i>	<i>International Non-scheduled Carriers</i>	<i>International Scheduled Carriers</i>
24.	HOLLANDEXCEL	
25.	IBC AIRWAYS	
26.	INCELANDAIR	
27.	INTERSTATE EQUIPMENT LEASING CO. LTD	
28.	LAKER AIRWAYS	
29.	LTU AIRLINES	
30.	LYNDEN AIR CARGO	
31.	LYNX AIR INTERNATIONAL	
32.	MEXICANA AIRLINES	
33.	MIAMI AIR INTRNATIONAL INC.	
34.	MK AIRLINES	
35.	MOUNTAIN AIR CARGO INC.	
36.	MY TRAVEL	
37.	N & M AVIATION INC.	
38.	NEW WORLD JET CORP.	
39.	NORTH AMERICAN AIRLINES	
40.	OMNI AIR INTERNATIONAL	
41.	PACE AIRLINES c/o UNIVERSAL AVIATION HOUSTON	
42.	PLANET AIRWAYS	
43.	PRIVATAIR WEATHER c/o UNIVERSAL AVIATION	
44.	RUTACA AIRLINES	
45.	RYAN INTERNATIONAL AIR	
46.	SKY KING	
47.	SKYSERVICE AIRLINES	

Table W (cont'd) – International Scheduled and Non-scheduled Carriers

<i>Number</i>	<i>International Non-scheduled Carriers</i>	<i>International Scheduled Carriers</i>
48.	SOUTHERN JET MANAGEMENT c/o COLT INTERNATIONAL	
49.	SUNWORLD LTD	
50.	TAG AVIATION	
51.	TAXI AERO PINHAL	
52.	TIKAL JET AIRLINES	
53.	TMF AIRCRAFT INC.	
54.	TRANSMERIDIAN AIRLINES	
55.	TRANSPORTES AEROMAR	
56.	TRAVEL SERVICE A.S.	
57.	VEGA AIRLINES	
58.	VIRGIN ATLANTIC	

Source: Civil Aviation Authority

Table X

Ship Registry 2003-2004

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
1.	AIRPORTS AUTHORITY OF JA.	AAJ RESCUE 1	LUCEA	GLASS BOTTOM	9.14	July 27, 2002
2.	CONSTANTINE BOGLE	ABC	BLACK RIVER	FISHING BOAT	20	July 4, 2003
3.	SANDALS DUNN'S RIVER	ADAM 1	KINGSTON	PILOT BOAT	6.3	June 1, 2004
4.	BEACHES GRANDE SPORT	ADAMSKI	OCHO RIOS	SCUBA DIVING	14.03	September 5, 2002
5.	SEE ME NO MORE	AFRICAN STAR	PORT ANTONIO	GLASS BOTTOM	7.3	April 15, 2002
6.	INGRAM PHILLIPS	AFRICAN STAR THE ADVENTURE	MONTEGO BAY	PARASAIL	8.26	March 18, 2004
7.	MBJ AIRPORTS LIMITED	AIR SEA RESCUE	BLACK RIVER	PASSENGER	8.84	March 23, 2004
8.	NEGRIL TREE HOUSE	AIR TIME RESCUE	LUCEA	SKI	5.86	February 10, 2003
9.	JIMMY JACKSON C/O NEGRIL TREE HOUSE	AIRTIME	KINGSTON	FISHING	6.8	June 9, 2004
10.	POLAR FISHERIES LTD.	AMBER RAE	NEGRIL	SKI BOAT	20	January 20, 2003
11.	POLAR FISHERIES LIMITED	AMBER RAE II	OCHO RIOS	PARASAIL	8.54	April 11, 2002
12.	BEACHES BOSCOBEL HOTEL	ANANCY	KINGSTON	FISHING	15.6	February 7, 2003
13.	SEAFOOD & TING INT. LTD.	ANDRE	LUCEA	DIVE	7.2	February 28, 2003
14.	SANDALS MONTEGO BAY	ANN T	MONTEGO BAY	RESCUE BOAT	4.63	June 20, 2002
15.	HOLLAND FARMS (TRELAWNY) LTD.	ANTICIPATION	MONTEGO BAY	FISHING	22	December 23, 2003
16.	VICTOR SHIRLEY	AVAST YE	MONTEGO BAY	SPORTS FISHING	5.6	August 22, 2002
17.	CARLTON LIVINGSTON	BABY DOLL	OCHO RIOS	PASSENGER	10.36	June 10, 2002
18.	WILTEL COMPANY LTD.	BALTIMORE PATRIOT 111	MONTEGO BAY	PASSENGER CRUISER	25.76	April 30, 2002
19.	LESTON STEWART	BAT	LUCEA	CANOE	7.99	January 30, 2004
20.	YACHT LEASING LIMITED	BAT CAT	OCHO RIOS	TUG	15.8	November 4, 2004
21.	BEACHES BOSCOBEL RESORT	BBR BANANA BOAT	RIO BUENO	PASSENGER	4.78	August 15, 2002
22.	BEACHES BOSCOBEL RESORT	BBR RESCUE BOAT	LUCEA	PASSENGER	7.31	April 19, 2002
23.	STUART McCONNEL	BELIFUL	KINGSTON	SPORT FISHING	11.86	April 16, 2002
24.	PAUL FRANCIS	BETSY	OCHO RIOS	RESCUE BOAT	2.75	September 2, 2002
25.	BEACHES GRANDE SPORT	BGSH-RESCUE BOAT#2	OCHO RIOS	RESCUE	5	May 9, 2002
26.	MILTON McKENZIE	BIG KAHUNA	FALMOUTH	GLASS BOTTOM	8.85	March 14, 2003
27.	JOYCE ROSE	BIRTHDAY	MONTEGO BAY	GLASS BOTTOM	10.67	July 3, 2002
28.	LEROY KELLY	BLUE FIN	OCHO RIOS	PASSENGER	8.62	October 7, 2002

Table X (cont'd) – Ship Registry

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
29.	WATERSPORTS ENTERPRISES LTD.	BOTTOMS UP	OCHO RIOS	DIVE BOAT	9.1	July 10, 2002
30.	BREEZES RUNAWAY BAY	BRB RESCUE BOAT	RIO BUENO	RESCUE BOAT	6	August 15, 2002
31.	BREEZES RUNAWAY BAY HOTEL	BRBH SEA BREEZE	MONTEGO BAY	DIVE BOAT	10.6	August 9, 2004
32.	BEACHES SANDY BAY	BSB CAROLINA SKIFF	OCHO RIOS	MOTOR BOAT	5.85	June 10, 2002
33.	COUPLES NEGRIL	BUBBLES	LUCEA	DIVE BOAT	10.97	November 26, 2002
34.	MICHAEL THOMPSON	BUFFALO	KINGSTON	FISHING	10.24	May 10, 2002
35.	AQUA SIGHT NEGRIL LTD. / NEWTON JOHNSON	BULLET	MONTEGO BAY	PLEASURE	14	April 30, 2003
36.	CONROY DONALDSON	C. JAY	BLACK RIVER	FISHING TRAWLER	21.35	March 27, 2003
37.	CAPTAIN'S WATERSPORTS	CALYPSO	MONTEGO BAY	GLASS BOTTOM	6.1	May 13, 2002
38.	DENNIS JOHNSON	CAPTAIN KIRK	LUCEA	GLASS BOTTOM	7	March 28, 2002
39.	CARL CALVIN	CAPTAIN MOSES 1	LUCEA	SKI BOAT	5.5	March 28, 2002
40.	CARL CALVIN	CAPTAIN MOSES II	MONTEGO BAY	TRIMARAN	14.64	March 28, 2002
41.	JAMAQUA LIMITED	CARIBBEAN FANTASY D	RUNAWAY BAY	GLASS BOTTOM	7.92	May 17, 2002
42.	MARK MYRIE	CARLISLE 01	KINGSTON	PLEASURE	12.1	June 1, 2004
43.	AQUA SIGHT NEGRIL LIMITED	CARNIVAL	LUCEA	SKI BOAT	13.11	May 14, 2002
44.	GREGORY FOX & DONNA IRVING	CEOL MARA	KINGSTON	SPORTS FISHING	10	June 1, 2004
45.	STANLEY CARVALHO	CHANGING WINDS	LUCEA	SPORTS FISHING	9.75	May 5, 2002
46.	CHARELLA INN HOTEL,	CHARELA INN RESCUE	LUCEA	RESCUE BOAT	4.06	March 20, 2002
47.	AQUA SIGHT NEGRIL LIMITED	CHARITY	LUCEA	PASSENGER	5.49	May 14, 2002
48.	AQUA SIGHT NEGRIL LIMITED	CHARITY II	LUCEA	MONO HULL	6.71	May 14, 2002
49.	SANS SOUCI RESORT & SPA	CHARLES BAY	LUCEA	PATROL	5	June 23, 2004
50.	LAURENCE & HOPE STEWART	CHEN	KINGSTON	PLEASURE YACHT	12.04	April 11, 2002
51.	DEVON JACKSON	CHILDREN BREAD #2	LUCEA	GLASS BOTTOM	8	March 28, 2002
52.	ROBINSON PARKER	CHRISTINE	MONTEGO BAY	RESCUE	4.05	February 24, 2004
53.	HEAVE- HO CHARTERS LIMITED	COOL JAZZ	OCHO RIOS	CATAMARAN	18	August 7, 2002
54.	YACHT LEASING LTD.	CORAL EXPLORER	NEGRIL	PASSENGER	11.9	February 17, 2004
55.	COUPLES NEGRIL	COUPLES MASTER PILOT	LUCEA	SKI	5.79	March 26, 2002
56.	SANDALS ROYAL CARIBBEAN	CROWN JEWEL	MONTEGO BAY	SKI BOAT	5.95	June 25, 2002
57.	CAPTAIN'S WATERSPORTS LTD.	CWSL MASTER CRAFT	MONTEGO BAY	MOTOR BOAT	6.25	May 13, 2002

Table X (cont'd) – Ship Registry

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
58.	BRYAN LANGFORD	<i>CWSL MASTER CRAFT #2</i>	OCHO RIOS	GLASS BOTTOM	6.59	June 7, 2002
59.	CAPTAIN'S WATERSPORTS LTD.	<i>CWSL MASTER CRAFT II</i>	MONTEGO BAY	SKI BOAT	6.25	July 1, 2003
60.	CAPTAIN'S WATERSPORTS LTD.	<i>CWSL RESCUE BOAT</i>	MONTEGO BAY	MOTOR BOAT	4.27	May 13, 2002
61.	CAPTAIN'S WATERSPORTS LTD.	<i>CWSL SKI BOAT</i>	MONTEGO BAY	MOTOR BOAT	5.2	May 13, 2002
62.	DERMOTT DACOSTA	<i>DADDY'S DREAM</i>	MONTEGO BAY	PASSENGER	14.15	December 24, 2003
63.	SANDALS NEGRIL	<i>DANCER III</i>	LUCEA	PASSENGER	5.9	September 8, 2002
64.	ISLAND DREDGING LIMITED	<i>DANIELLA M</i>	MONTEGO BAY	BARGE	45.73	August 28, 2003
65.	RAPSODY CRUISES TOURS & CHARTERS LTD.	<i>DAY DREAMER</i>	OCHO RIOS	CABIN CRUISER	11.6	August 7, 2002
66.	BERNARD CLARKE	<i>DEFIANCE</i>	OCHO RIOS	PARASAIL BOAT	8.69	July 10, 2003
67.	DERRICK STEPHENS	<i>DENSOM</i>	OLD HARBOUR BAY	FISHING	13	August 16, 2002
68.	CLARENDON SEAFOOD CO. LTD	<i>DEVIN</i>	OCHO RIOS	CATAMARAN	15.8	November 4, 2004
69.	DANA BROWN	<i>DINA</i>	LUCEA	PASSENGER	5.97	January 30, 2004
70.	COUPLES SWEEP AWAY NEGRIL	<i>DIVE & SEA II</i>	LUCEA	MOTOR BOAT	10.98	March 26, 2002
71.	JANET LEE	<i>DIVE PLATFORM</i>	PORT ANTONIO	RESCUE BOAT	4.8	July 18, 2002
72.	COOL AQUA SUN SPORTS LTD.	<i>DIZZY DEE</i>	KINGSTON	DREDGE	7.31	August 28, 2003
73.	BEACHES NEGRIL RESORT BNR	<i>DOLPHIN I</i>	LUCEA	GLASS BOTTOM	9.26	January 17, 2003
74.	BEACHES NEGRIL RESORT	<i>DOLPHIN II</i>	MONTEGO BAY	CATAMARAN	16.15	November 8, 2002
75.	JAMAICA ASSET DEVELOPMENT CO.	<i>DOWNTOWNER</i>	OCHO RIOS	YACHT	27	August 22, 2001
76.	MICHAEL & PENNY DELEON	<i>DR. FEELGOOD</i>	LUCEA	GLASS BOTTOM	7.3	February 28, 2003
77.	SHEREE N. ROSE	<i>DREAM CHASER</i>	FALMOUTH	SPORTS FISHERMA	14.8	June 13, 2002
78.	WILTEL LIMITED	<i>DREAM SEEKER</i>	OCHO RIOS	CATAMARAN	15.85	August 7, 2002
79.	HEAVE- HO CHARTERS LIMITED	<i>DREAM WEAVER</i>	PORTLAND BIGHT	FISHING CANOE	9.24	August 22, 2002
80.	BEACHES NEGRIL	<i>DULCIMINAH</i>	LUCEA	SHUTTLE BOAT	6.27	February 28, 2003
81.	PEARSON BENNETT	<i>DWAYNE</i>	MONTEGO BAY	MOTOR BOAT	6.59	May 13, 2002
82.	CAPTAIN'S WATERSPORTS LTD.	<i>EAGLE RAY</i>	LUCEA	TRIMARAN	13.42	June 21, 2002
83.	BAREFEET LIMITED	<i>ECLIPSE</i>	OCHO RIOS	SPORT FISHING	11.58	August 30, 2002
84.	DENA ROUSSEAU	<i>EGGSTACY</i>	LUCEA	RESCUE BOAT	6.9	May 1, 2002
85.	CLIVE WALKER	<i>ELEGANCE</i>	MONTEGO BAY	CATAMARAN	12.19	August 16, 2002
86.	TROPICAL ADVERTISERS LTD	<i>ELENA</i>	LUCEA	GLASS BOTTOM	5.8	March 28, 2002

Table X (cont'd) – Ship Registry

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
87.	VINCENT HAMMONE	<i>ELVIRA</i>	MONTEGO BAY	CATAMARAN	11.5	May 10, 2002
88.	VINCENT HAMMOND	<i>ELVIRA #2</i>	OCHO RIOS	RESCUE BOAT	5.3	April 4, 2003
89.	WATERSPORTS ENTERPRISES LTD.	<i>EVE</i>	PORT ANTONIO	PLEASURE	10.86	June 10, 2002
90.	WATERSPORTS ENTERPRISES LTD.	<i>EXPLORER</i>	LUCEA	FISHING	11.59	May 14, 2002
91.	SGC FISHING AND CRUISING	<i>E-ZEE</i>	KINGSTON	SPORT FISHING	42	January 6, 2002
92.	SANDALS NEGRIL	<i>FIVE STARS</i>	FALMOUTH	PLEASURE	17.1	September 29, 2004
93.	FRANKLYN D. RESORT	<i>FORTIS ONE</i>	OCHO RIOS	GLASS BOTTOM	7	May 8, 2003
94.	FRANTIC MARITIME INC.	<i>FRANTIC</i>	MONTEGO BAY	BULK CARRIER	155.22	November 29, 2004
95.	FIVE STAR WATERSPORTS LTD.	<i>FREESTYLE</i>	OCHO RIOS	GLASS BOTTOM BO	10.68	December 5, 2002
96.	G. RICHARD FONTAINE	<i>FRIENDLY BROKER</i>	LUCEA	PASSENGER	6	June 28, 2002
97.	OCEANIA CRUISES LTD. / R. SEARCHWELL	<i>FUNSEEKER</i>	RIO BUENO	RESCUE BOAT	6.4	July 8, 2003
98.	RHONDAL PUSEY	<i>FUNTIME</i>	OCHO RIOS	GLASS BOTTOM	5.49	July 18, 2002
99.	GARFIELD DIVING STATION	<i>GARMAY</i>	MONTEGO BAY	GLASS BOTTOM	6.41	March 21, 2002
100.	LASCELLES SAMUELS	<i>GARY JOE</i>	OCHO RIOS	RESCUE BOAT	4.9	March 28, 2002
101.	GARFIELD DUSSARD	<i>GD SEA STAR</i>	LUCEA	SKI BOAT	6.71	October 14, 2002
102.	BEACHWORLD LIMITED	<i>GET WET</i>	ORACABESSA	RESCUE BOAT	5.5	April 15, 2002
103.	BEACH WORLD LIMITED	<i>GET WILD</i>	OCHO RIOS	SNORKEL	5.25	July 4, 2003
104.	ISLAND COMMUNICATION	<i>GLASS EYE</i>	RIO BUENO	RESCUE BOAT	3.35	June 7, 2002
105.	GRAND LIDO BRACO	<i>GLB RESCUE BOAT</i>	LUCEA	RESCUE BOAT	4.68	July 21, 2002
106.	GRAND LIDO NEGRIL	<i>GLN RESCUE</i>	ORACABESSA	RESCUE BOAT	8.83	April 15, 2002
107.	ISLAND COMMUNICATIONS LTD.	<i>GOLDEN EYE</i>	LUCEA	RESCUE	5.13	March 26, 2002
108.	LAURISTON BLAIR	<i>GOOD TIME</i>	LUCEA	PASSENGER	4.4	January 30, 2004
109.	BEACHES ROYAL PLANTATION / OCHO RIOS HOTEL MANAGEMENT	<i>GRACIOUSNESS</i>	OCHO RIOS	DIVE BOAT	12.8	June 6, 2002
110.	YACHT LEASING LTD.	<i>GRAND REEF</i>	OCHO RIOS	PASSENGER	17.4	February 14, 2004
111.	GLENN NELSON	<i>GRANMA</i>	KINGSTON	PILOT BOAT	10	June 1, 2004
112.	COUPLES NEGRIL	<i>GUNS-CNG</i>	OCHO RIOS	SKI BOAT	6.86	July 6, 2002
113.	SHALTON WHYTE	<i>GYPSY GIRL</i>	OCHO RIOS	DIVE BOAT	12.8	July 31, 2002
114.	HEDONISM III	<i>H III DIVE</i>	RINAWAY BAY	GLASS BOTTOM	11.5	May 21, 2002
115.	HEDONISM III	<i>H III GLASS</i>	RUNAWAY BAY	RESCUE BOAT	5	May 21, 2002

Table X (cont'd) – Ship Registry

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
116.	HEDONISM III	<i>H III SKI</i>	LUCEA	GLASS BOTTOM	7.6	March 28, 2002
117.	HEAVE- HO CHARTERS LIMITED	<i>H. H. C. SCOUT</i>	KINGSTON	PLEASURE CRAFT	14	June 19, 2003
118.	DEZRINE BROWN	<i>HAPPY TIME</i>	LUCEA	PASSENGER	7.5	June 28, 2002
119.	SEA VENTURES MANUFACTURING LTD.	<i>HEAT WAVE III</i>	PORTLAND BIGHT	COMMERCIAL FISH	10	March 27, 2003
120.	MYRNA CLARKE	<i>HEINEKIN II</i>	MONTEGO BAY	GLASS BOTTOM	7.35	June 28, 2002
121.	BONMAINE ROPER AND IRIS ROPER	<i>HIGH ISLE</i>	LUCEA	DIVE BOAT	9.4	May 3, 2014
122.	RESORT CONCESSIONAIRES LIMITED	<i>HIGH TIME</i>	LUCEA	PASSENGER	8.8	August 31, 2004
123.	HEDONISM II	<i>HII DIVE BOAT #2</i>	KINGSTON	FISHING	12.8	November 4, 2003
124.	HEDONISM II	<i>HII MASTER CRAFT #2</i>	LUCEA	SPORTS FISHERMA	7.7	October 18, 2003
125.	HEDONISM II	<i>HII SKI BOAT</i>	OCHO RIOS	PASSENGER	15	February 14, 2004
126.	HEDONISM II	<i>HII SNORKEL BOAT</i>	MONTEGO BAY	GLASS BOTTOM	10.36	February 6, 2027
127.	HEDONISM III	<i>HIII RESCUE</i>	RUNAWAYBAY	SKI BOAT	6.4	May 21, 2002
128.	HOLIDAY INN SUNSPREE RESORT	<i>HISR GLASS BOTTOM BOAT #2</i>	MONTEGO BAY	RESCUE BOAT	4	July 1, 2003
129.	HOLIDAY INN SUNSPREE RESORT	<i>HISR RESCUE BOAT</i>	LUCEA	GLASS BOTTOM	9.73	April 14, 2002
130.	AQUA SIGHT NEGRIL LIMITED	<i>HOPE</i>	LUCEA	PASSENGER	4.9	May 14, 2002
131.	AQUA SIGHT NEGRIL LIMITED	<i>HOPE II</i>	LUCEA	GLASS BOTTOM	9	March 28, 2002
132.	NAKASH CONSTRUCTION & EQ. LTD	<i>HOWARD W</i>	MONTEGO BAY	KAYAK	8.54	July 18, 2002
133.	FREDRICK HILL	<i>HUSTLER</i>	ST. ANN	PARASAIL	9	April 6, 2002
134.	JACQUELINE HYATT	<i>HYATT'S PARASAIL</i>	LUCEA	SKI BOAT	5.56	June 6, 2002
135.	GRAND LIDO NEGRIL	<i>ICEBREAKER</i>	BLACK RIVER	PASSENGER	9.15	November 12, 2002
136.	WILLIAM WHITE	<i>INTIMIDATOR</i>	MONTEGO BAY	GLASSBOTTOM	9	July 18, 2002
137.	HANDSWORTH HENRIQUES	<i>INVINCIBLE 3</i>	OCHO RIOS	GLASS BOTTOM	10.98	May 17, 2002
138.	COPULES OCHO RIOS	<i>IRIE TROPICS</i>	OCHO RIOS	GLASS BOTTOM	7.8	April 4, 2002
139.	FIVE STAR WATERSPORTS	<i>ISLAND FEVER</i>	MONTEGO BAY	SKI BOAT	19.25	February 5, 2002
140.	YACHT LEASING LTD.	<i>ISLAND RIDER</i>	OCHO RIOS	PASSENGER	16.5	February 14, 2004
141.	IVAN ROSE	<i>IVAN THE NATIVE</i>	OCHO RIOS	RESCUE BOAT	3.95	July 18, 2002
142.	SANDRA MARSH-MALCOLM	<i>JACKET</i>	MONTEGO BAY	DIVE BOAT	7.33	May 21, 2002
143.	WATERSPORTS ENTERPRISE LTD	<i>JAMAICA QUEEN</i>	KINGSTON	TUG	13.26	February 12, 2004
144.	NORTH COAST MARINE SPORT C/O	<i>JAMAICA SCUBA DIVERS</i>	RUNAWAY BAY	DIVE BOAT	6.71	May 17, 2002
145.	JAMAQUA LIMITED	<i>JAMAQUA II</i>	RUNAWAY BAY	PASSENGER	7	May 17, 2002

Table X (cont'd) – Ship Registry

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
146.	JAMAQUA LIMITED	<i>JAMAQUA III</i>	ROCKY POINT	FISHING	8.8	May 17, 2002
147.	NORTH COAST MARINE SPORT	<i>JAWARA IV</i>	LUCEA	RESCUE	5.86	February 10, 2003
148.	STEPHEN FACEY	<i>JAZZ</i>	LUCEA	PASSENGER	3	October 20, 2003
149.	PAUL FRANCIS	<i>JAZZIE-T</i>	MONTEGO BAY	SKI BOAT	6.1	August 9, 2004
150.	OMAR SUPPART	<i>JEAN</i>	OCHO RIOS	FDR RESORT	7.62	September 26, 2002
151.	KELLIE M. RANCE	<i>JESSEA</i>	OCHO RIOS	TRIMARAN	13.79	August 7, 2002
152.	HORACE WILLIAMS	<i>JET RUSH</i>	OCHO RIOS	SPORT FISHING	15	February 14, 2004
153.	ALUMINA PARTNERS OF JA.	<i>JOHN ROD</i>	KINGSTON	PLEASURE	11.8	April 2, 2003
154.	ISLAND DREDGING LIMITED	<i>JOHNNIE</i>	KINGSTON	BARGE	19.5	July 17, 2003
155.	COOL AQUA SUN SPORTS LTD.	<i>JOY 2</i>	MONTEGO BAY	PARASAIL	9.04	June 7, 2002
156.	COOL AQUA SUN SPORTS LTD.	<i>JOY 5</i>	MONTEGO BAY	DIVE	9.3	June 7, 2002
157.	J. J. P. & G. LIMITED	<i>JRS 591</i>	KINGSTON	PLEASURE	15.37	December 24, 2003
158.	HERMAN & WAYNE PHANG	<i>JULIAN</i>	LUCEA	DIVE BOAT	12.74	November 26, 2002
159.	HEAVE- HO CHARTERS LIMITED	<i>KAMALA</i>	OCHO RIOS	PARASAIL	8.69	June 7, 2002
160.	ROYDELL MATTERSON	<i>KING ALPHA</i>	LUCEA	SNORKEL	5.48	January 30, 2004
161.	KENMORE McNEIL	<i>KING SHANGO</i>	KINGSTON	FISHING	10.67	February 24, 2004
162.	STEPHEN CHUNG	<i>KINGFISHER II</i>	KINGSTON	PLEASURE CRAFT	13.8	May 15, 2003
163.	WAYNE CHIN	<i>KOKO KNOTS</i>	OCHO RIOS	GLASS BOTTOM	6.71	June 7, 2002
164.	SEA VENTURES MANUFACTURING LTD.	<i>KRISSEA</i>	OCHO RIOS	PASSENGER	7.32	March 10, 2003
165.	MS. CAROLYN CHIN	<i>LADY BOSS</i>	OCHO RIOS	GLASS BOTTOM	9.3	June 7, 2002
166.	GRAND LIDO BRACO	<i>LADY BRAC</i>	FALMOUTH	PASSENGER	9.75	April 24, 2003
167.	ALLAN POTTINGER	<i>LADY D</i>	PORT ANTONIO	RESCUE BOAT	6	July 18, 2002
168.	JANET LEE	<i>LADY G'DIVER</i>	BLUE LAGOON CLUB	PASSENGER	6.09	July 18, 2002
169.	JANET LEE	<i>LADY G'DIVER 2</i>	KINGSTON	FISHING TRAWLER	22.88	August 21, 2002
170.	ANSEL LYTTLE	<i>LADY J #2</i>	OCHO RIOS	CABIN CRUISER	11.6	August 7, 2002
171.	STANLEY MOHAMMED	<i>LADY KIM</i>	MONTEGO BAY	GLASS BOTTOM	10.83	June 20, 2002
172.	SANDALS MONTEGO BAY	<i>LADY LINDA</i>	BLACK RIVER	FISHING BOAT	18.3	April 12, 2002
173.	JOHN & ZELRETA FORREST	<i>LADY NELLIE</i>	LUCEA	FISHING	11.37	September 9, 2002
174.	RODNEY DAVIS	<i>LADY SHARON</i>	NEGRIL	GLASS BOTTOM	9.8	March 28, 2002
175.	COOL AQUA SUNS SPORTS TREVOR COLE	<i>LADY TREVENE II</i>	RIO BUENO	SPEED BOAT	5.95	May 17, 2002

Table X (cont'd) – Ship Registry

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
176.	TROPICAL ADVERTISERS LIMITED	LAILA	OCHO RIOS	CHARTER / CRUIS	8.53	October 7, 2002
177.	PORTSIDE TOWING LIMITED	LAWFUL	KINGSTON	TUG	24.76	March 31, 2004
178.	ROYAL DECAMERON / CLUB CARIBBEAN	LAZY BUT LIVELY #4	RIO BUENO	SKI BOAT	7.26	June 7, 2002
179.	LENNOS BROWN	LB RESCUE	LUCEA	RESCUE	5.79	June 24, 2004
180.	GRAND LIDO BRACO	LEADOO 1	OCHO RIOS	DIVE BOAT	10.97	June 7, 2002
181.	COUPLES OCHO RIOS	LEO II	LUCEA	GLASS BOTTOM	12.51	March 26, 2002
182.	COUPLES NEGRIL	LESA 11	OCHO RIOS	RESCUE	5	June 7, 2002
183.	PORT ROYAL SLIPWAY LIMITED	LIME CAY	KINGSTON	PLEASURE	9.14	May 15, 2004
184.	PORT ROYAL SLIPWAY LIMITED	LIME CAY II	LUCEA	PASSENGER	8.5	May 14, 2004
185.	JACQUELINE LILLY	LITTLE BLACK BEAR	NEGRIL	GLASS BOTTOM	9.8	March 28, 2002
186.	ANTHONY SCOTT	LITTLE CHILDREN	LUCEA	CATAMARAN	18.2	May 2, 2002
187.	RICHARD C. PARCHMENT	LITTLE DIPPER	KINGSTON	BARGE	11.9	November 24, 2004
188.	GOKUL DEWNANI	LITTLE ONE'S DESIRE	MONTEGO BAY	SKI BOAT	7.6	August 9, 2004
189.	ISLAND DREDGING LIMITED	LIZA M	MONTEGO BAY	TUG	24.20	August 28, 2003
190.	TREVOR HART	LOCAL MOTION	OCHO RIOS	DIVE BOAT	9.1	July 18, 2002
191.	BEACHES NEGRIL RESORT	LOGGER HEAD	LUCEA	SKI BOAT	5.9	November 26, 2002
192.	GARFIELD DIVING STATION	LORRAINE	OCHO RIOS	RESCUE BOAT	11.94	July 21, 2002
193.	GRAND LIDO NEGRIL	LUCI IV	BLACK RIVER	FISHING	10.06	August 22, 2002
194.	AINSLEY FOULKES	LUCKY LORIE	KINGSTON	PLEASURE CRAFT	9	June 4, 2004
195.	ISLAND DREDGING LIMITED	LUGGER 20	BLACK RIVER	PILOT BOAT	11.58	July 26, 2004
196.	B & D TRAWLING LIMITED	M/V CARIBBEAN QUEEN	MONTEGO BAY	PASSENGER	38.10 M	November 18, 2003
197.	HUMPHRY PARCHMENT	MACY	OCHO RIOS	MONO HULL SNORK	7	June 6, 2002
198.	SHALTON WHYTE	MAD DOG	FALMOUTH	SPORTS FISHERMA	8.54	June 13, 2002
199.	WILTEL LIMITED	MARTHA BRAE	LUCEA	RESCUE BOAT	5.26	March 20, 2002
200.	OCEAN TOURS WATERSPORTS	MASTER CHEN	LUCEA	MOTOR BOAT	5.23	April 20, 2002
201.	NEGRIL TREE HOUSE	MASTERS	LUCEA	RESCUE	5.64	February 28, 2003
202.	ISLAND CHARTERS NEGRIL / PHILLIP PAXTON	MAXIMUM	LUCEA	DIVE BOAT	6.85	October 14, 2002
203.	LYNVAL BECKFORD	MAXINE	RIO BUENO	GLASS BOTTOM	7.4	May 17, 2002
204.	MARC BERGER C/O CLIFTON HYLTON	MB COOL RUNNINGS	LUCEA	GLASS BOTTOM	7.62	January 20, 2003

Table X (cont'd) – Ship Registry

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
205.	MARK BOWEN	MB LADY D	RUNAWAY BAY	GLASS BOTTOM	8.54	August 23, 2004
206.	BRAVERLY INTERNATIONAL SHIPPING LTD.	MERCHANT BRAVERY	MONTEGO BAY	RORO	122.74	September 27, 2004
207.	BRILLIANT SHIPPING LIMITED	MERCHANT BRILLIANT	MONTEGO BAY	RO-RO CARGO	122.70	September 21, 2004
208.	ROYAL DECAMERON LTD. / CLUB CARIBBEAN	MICHENDA	MONTEGO BAY	SKI BOAT	5.59	June 20, 2002
209.	MICHAEL RHYNIE	MIKE GLASS BOTTOM	LUCEA	GLASS BOTTOM	8.2	September 19, 2003
210.	SANDALS MONTEGO BAY	MILLENIUM	OCHO RIOS	PASSENGER	12	July 18, 2002
211.	MILTON BECKFORD	MISS IVY	LUCEA	SKI BOAT	6	July 27, 2002
212.	RYAN FORREST	MISS TIFFANY	BLACK RIVER	FISHING BOAT	17	September 15, 2003
213.	ROBERT MARSH	MISTY	OCHO RIOS	CATAMARAN	15.95	August 7, 1965
214.	BREEZES MONTEGO BAY	MOBAY QUEEN	LUCEA	DIVE BOAT	9.14	July 27, 2002
215.	EVERTON COUVILLE	MONTROSE II	MONTEGO BAY	SKI BOAT	6.15	January 16, 2003
216.	COASTAL EXCURSION LTD.	MOONSTRUCK	OCHO RIOS	PASSENGER	16.3	July 18, 2002
217.	STARFISH TRELAWNY RESORT	MR. RIDER	MONTEGO BAY	SKI BOAT	6.1	April 11, 2003
218.	MARINA RESORTS LIMITED	MRL CAROLINA SKIFF	MONTEGO BAY	RESCUE BOAT	4.56	January 16, 2002
219.	COOL AQUA SUN SPORTS LTD.	MS CANDACE	OCHO RIOS	GLASS BOTTOM	7.3	February 12, 2004
220.	COOL AQUA SUN SPORTS LTD.	MS CYNTHIA	LUCEA	PASSENGER	6.06	January 30, 2004
221.	GLENROY BEATON	MY GAL RESCUE	OCHO RIOS	RESCUE BOAT	5.72	July 4, 2003
222.	ROBERT MARSH	MYSTIC MAN	OCHO RIOS	PARASAIL	9.15	June 7, 2002
223.	UNIVERSITY OF THE WEST INDIES	NAVICULA	LUCEA	PASSENGER	7.76	May 17, 2004
224.	RESORT CONCESSIONAIRES LIMITED	NEMO	MONTEGO BAY	SKI	10.6	July 15, 2004
225.	NEW WAVE SPORTS LIMITED	NEW WAVE I	OCHO RIOS	PARASAIL	9.15	June 7, 2002
226.	NEW WAVE SPORTS LIMITED	NEW WAVE II	LUCEA	CATERAMAN	11.3	March 2, 2002
227.	ADMIRALTY MARINE OPERATIONS LIMITED	NEW WORLD LEGACY	MONTEGO BAY	RESEARCH	110 FT	April 2, 2004
228.	NESBERT GALLIMORE	NG WAVE RUNNER #3	MONTEGO BAY	JET SKI	5.8	February 5, 2004
229.	VERNAL CARPENTER	NIAGRA ROSE	OCHO RIOS	PASSENGER	9.5	May 2, 2003
230.	AQUA NOVA LTD	NICE TRI	RIO BUENO	RESCUE	4.26	May 1, 2002
231.	FRANKLYN D. RESORTS	NICHOLAS	PORTLAND BIGHT	FISHING CANOE	10	August 22, 2002
232.	PEARSON BENNETT	NICKEISH #1	OCHO RIOS	PASSENGER	8.69	October 6, 2002
233.	JAMAICA FUN CRUISES LTD.	NICO BOB	LUCEA	RESCUE	4.67	January 16, 2004

Table X (cont'd) – Ship Registry

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
234.	PETER McCONNEL	NO PROBLEM	MONTEGO BAY	DIVE BOAT	10.97	April 11, 2003
235.	WATERSPORTS ENTERPRISES LTD.	NORDIC 1	MONTEGO BAY	GLASS BOTTOM	10.67	February 28, 2002
236.	WATERSPORTS ENTERPRISES	NORDIC ASCENDER	OCHO RIOS	PASSENGER	11.26	June 10, 2002
237.	JOYCE ROSE	NORTH STAR	OCHO RIOS	PASSENGER	6.1	June 7, 2002
238.	NEGRIL TREE HOUSE	NTH BOSTON WHALER	LUCEA	SKI BOAT	6.71	October 14, 2003
239.	MARK A. PUGH	NUFF RESPECT	LUCEA	SAIL	3.05	February 28, 2003
240.	ANTHONY MATTISON	OCEAN KING	LUCEA	PASSENGER	15.86	March 18, 2002
241.	PAUL MILLER	OCEAN TIGER	LUCEA	GLASS BOTTOM	10	March 28, 2002
242.	KEVIN FLETCHER	OCEANIC	RIO BUENO	DIVE BOAT	14.02	August 15, 2002
243.	BEACHES BOSCOBEL RESORT	OCHEANA	LUCEA	GLASS BOTTOM	9.14	August 2, 2002
244.	LYNDON DALEY	ONE LOVE	LUCEA	SAIL	6	July 27, 2002
245.	ADRIAN MCCAULEY	ORANGE GIRL	OCHO RIOS	PASSENGER	17.67	January 30, 2004
246.	STEVE McCLURE	OUTA HERE	KINGSTON	DREDGE	14.78	November 10, 2004
247.	HEDONISM II	OUTRAGE	LUCEA	GLASS BOTTOM	6.1	May 14, 2002
248.	RACKLIFF PEDDIE	PACKAGE	FALMOUTH	SPORTS FISHERMA	9.15	April 30, 2002
249.	FRANKLYN IRVING	PALM ENTERPRISES	BLACK RIVER	PASSENGER	9.15	November 12, 2002
250.	WILTEL LIMITED	PANTOON CREST III	LUCEA	GLASS BOTTOM	10.36	March 26, 2002
251.	COUPLES SWEPT AWAY NEGRIL	PAPA LEE	LUCEA	GLASS BOTTOM	10.3	January 18, 2002
252.	COUPLES SWEPT AWAY NEGRIL	PAPA LEE II	MONTEGO BAY	OPEN BOSTON	5	March 15, 2002
253.	PARIS NAVIGATION LIMITED	PARIS TEXAS	MONTEGO BAY	BULK CARRIER	160.04	May 10, 2004
254.	MONTEGO BAY MARINE PARK	PARK PATROL	LUCEA	DIVE BOAT	6.9	May 1, 2002
255.	GREGORY MILLER	PARTY CENTRAL	LUCEA	PASSENGER	7.99	January 30, 2004
256.	TROPICAL ADVERTISERS LTD	PAULA	OCHO RIOS	RESCUE BOAT	4.88	May 3, 2002
257.	SANDALS OCHO RIOS	PEACE EASE	OCHO RIOS	GLASS BOTTOM	7.8	April 4, 2002
258.	FDR PEBBLES HOTEL	PEBBLES EXPLORER	OCHO RIOS	RESCUE BOAT	4.42	April 17, 2002
259.	FDR PEBBLES HOTEL	PEBBLES RETRIEVER	LUCEA	DIVE BOAT	12.8	July 27, 2002
260.	UNIVERSITY OF THE WEST INDIES	PENILIA	LUCEA	SKI	6.3	May 20, 2004
261.	NALLY McCOGG	PERFECT P. MAC	BLACK RIVER	FISHING BOAT	13.2	September 3, 2003
262.	HEDONISM II	PERFORMANCE 40	LUCEA	SKI BOAT	8.69	June 21, 2002

Table X (cont'd) – Ship Registry

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
263.	PETROJAM LIMITED	<i>PETROJAM NEGRIL</i>	MONTEGO BAY	TUG	31.85	October 31, 2001
264.	ALOS SHIPPING LIMITED	<i>PETROJAM TRADER</i>	MONTEGO BAY	TANKER	82.00	November 22, 2004
265.	BAREFEET LIMITED / P. MCINTOSH	<i>PETTY CASH</i>	LUCEA	PARASAIL	8.53	May 14, 2002
266.	NEWTON JOHNSON	<i>PETTY CASH II</i>	NEGRIL	PASSENGER	19.66	September 19, 2003
267.	ISLAND DREDGING LIMITED	<i>PHILLIP</i>	KINGSTON	BARGE	16.5	July 18, 2003
268.	CHRISTOPHER QUARLESS	<i>PORK KNOCKERS II</i>	MONTEGO BAY	SPORTS FISHER	12.04	September 26, 2003
269.	PORT AUTHORITY OF JAMAICA	<i>PORT MARIA</i>	LUCEA	RESCUE BOAT	6.1	July 21, 2002
270.	TREVOR FORBES/KERRY CORNER	<i>PREMIUM AIR</i>	OCHO RIOS	GLASS BOTTOM	7.44	August 12, 2003
271.	TREVOR FORBES	<i>PREMIUM II</i>	NEGRIL	CATERAMAN	19.25	March 11, 2002
272.	SANDALS MONTEGO BAY	<i>PRIDE & JOY</i>	KINGSTON	SLOOP	11.3	March 28, 2001
273.	SANDALS DUNN'S RIVER	<i>PRIDE OF DUNN'S RIVER</i>	LUCEA	RESCUE BOAT	3.66	January 20, 2003
274.	BEACHES SANDY BAY	<i>PRINCESS</i>	KINGSTON	FISHING BOAT	11.58	January 24, 2003
275.	GRAND LIDO NEGRIL	<i>PRO SKI</i>	OCHO RIOS	PASSENGER	8.53	October 7, 2002
276.	RABHAN'S GASES LIMITED	<i>PROSPECT II</i>	MONTEGO BAY	GLASS BOTTOM	7.62	August 30, 2002
277.	TREVOR WILLIAMS	<i>QUALITY REEF VIEW</i>	OCHO RIOS	PASSENGER	5.79	June 6, 2002
278.	JACENT EDWARDS	<i>QUEEN MADGE</i>	KINGSTON	FISHING	11.89	June 17, 2003
279.	OWEN KNIGHT	<i>RAJMILOUR</i>	LUCEA	SNORKEL BOAT	12.2	November 26, 2002
280.	JAHIRINA HIOPIA	<i>RASTA</i>	MONTEGO BAY	RESCUE BOAT	4.42	August 27, 2002
281.	RITZ CARLTON ROSE HALL	<i>RCRH RESCUE 1</i>	NEGRIL	SKI BOAT	5.75	July 7, 2003
282.	SEA VENTURES MFG. LTD.	<i>RD RESCUE 1</i>	OCHO RIOS	GLASS BOTTOM	7	June 7, 2002
283.	ROYDEL REID	<i>REALITY</i>	KINGSTON	RESEARCH	4.74	May 19, 2004
284.	LYNVAL BECKFORD	<i>RED ROSE II</i>	MONTEGO BAY	YACHT	11.89	November 1, 2001
285.	STEVE TYRELL	<i>REDEEMED</i>	OCHO RIOS	PASSENGER	5.49	October 10, 2003
286.	STEPHEN M. McCLURE	<i>REDUNDANT RUNNER</i>	LUCEA	GLASS BOTTOM	8.5	March 28, 2002
287.	BARRINGTON DOWNER	<i>REEF PRINCESS</i>	KINGSTON	FISHING	8.5	July 31, 2002
288.	SANDALS DUNN'S RIVER	<i>REEF QUEEN</i>	MONTEGO BAY	PARASAIL	9.14	March 18, 2004
289.	SANS SOUCI RESORT & SPA	<i>REFLECTION</i>	OCHO RIOS	PASSENGER	16.3	August 12, 2003
290.	MICHAEL CURRIE	<i>REGGAE ROCK</i>	MONTEGO BAY	GLASS BOTTOM	7.32	April 11, 2003
291.	RESORT CONCESSIONAIRES LIMITED	<i>RELENTLESS</i>	LUCEA	PASSENGER	6.1	August 31, 2004
292.	WELLESLEY WEBSTER	<i>RESCUE NO. 2</i>	LUCEA	GLASS BOTTOM	9.1	March 28, 2002

Table X (cont'd) – Ship Registry

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
293.	BREEZES MONTEGO BAY	<i>RESCUE STAR</i>	LUCEA	PASSENGER	6.9	January 30, 2004
294.	AQUA SIGHT NEGRIL LTD.	<i>RESCUER</i>	LUCEA	RESCUE BOAT	3.96	November 24, 2002
295.	SANDALS NEGRIL RESORT	<i>RESPONSE</i>	LUCEA	CATAMARAN	18.2	May 2, 2002
296.	RESORT CONCESSIONAIRES LIMITED	<i>RITZ SEA</i>	MONTEGO BAY	GLASS BOTTOM	7.7	August 26, 2004
297.	BEACHES NEGRIL RESORT	<i>RIVER MAID</i>	LUCEA	SKI BOAT	5.9	November 26, 2002
298.	GARTH SCOTT	<i>ROCKSTEADY</i>	BLACK RIVER	FISHING BOAT	11.58	February 18, 1936
299.	ANTHONY WALTERS	<i>ROSE MARIE</i>	KINGSTON	OPEN S/FISHERMA	8.63	February 12, 2003
300.	MARY'S BAY LIMITED	<i>ROSE MARY</i>	MONTEGO BAY	RESCUE	5.8	June 27, 2003
301.	BLUE SEAS SEAFOOD S. DE R.L.	<i>ROUGH RIDER</i>	MONTEGO BAY	FISHING	24.30	November 9, 2004
302.	SANDALS ROYAL CARIBBEAN	<i>ROYAL RESCUE TEAM</i>	OCHO RIOS	GLASS BOTTOMED	8.31	June 10, 2002
303.	SOUTH COAST SAFARI LTD.	<i>SAFARI CONTESSA</i>	BLACK RIVER	PASSENGER	8.61	November 12, 2002
304.	SOUTH COAST SAFARI LIMITED	<i>SAFARI DUCHESS</i>	OCHO RIOS	PASSENGER	8.83	July 10, 2002
305.	SOUTH COAST SAFARIS LIMITED	<i>SAFARI EMPRESS</i>	OCHO RIOS	PASSENGER	7.5	April 2, 2004
306.	SOUTH COAST SAFARIS LIMITED	<i>SAFARI GIRL</i>	KINJGSTON	PASSENGER	10.1	September 22, 2003
307.	SOUTH COAST SAFARIS LIMIETED	<i>SAFARI LADY</i>	KINGSTON	PASSENGER	9.9	September 22, 2003
308.	SOUTH COAST SAFARI LIMITED	<i>SAFARI QUEEN II</i>	LUCEA	RESCUE BOAT	5.19	August 9, 2002
309.	CHARLES SWABYSOUTH COAST SAFARI LIMITED	<i>SAFARI REGENT</i>	BLACK RIVER	PASSENGER	7.32	November 12, 2002
310.	SOUTH COAST SAFARIS LIMITED	<i>SAFARIS TSARINA</i>	OCHO RIOS	GLASS BOTTOM	10.7	July 3, 2003
311.	SALVADOR CUMMINGS	<i>SALVEISHA</i>	OCHO RIOS	DIVE SNORKELING	6.71	September 4, 2002
312.	ISLAND DREDGING LTD.	<i>SAMANTHA M II</i>	KINGSTON	BARGE	52.4	December 8, 2003
313.	SANDRA ROSS / SANDRA WALTERS	<i>SAN JUAN</i>	OCHO RIOS	CATAMARAN	12	August 7, 2002
314.	YACHT LEASING LIMITED	<i>SAN SAN</i>	MONTEGO BAY	PASSENGER	25.66	February 4, 2004
315.	YACHT LEASING LTD.	<i>SANARA</i>	OCHO RIOS	PASSENGER	18.8	February 14, 2004
316.	HEAVE- HO CHARTERS LIMITED	<i>SAPPHIRE CAT</i>	MONTEGO BAY	RESCUE BOAT	3.5	April 12, 2002
317.	SANDALS NEGRIL	<i>SASSY SUE 2</i>	OCHO RIOS	RESCUE	10.67	July 11, 2003
318.	ISLAND DREDGING LIMITED	<i>SAVANNAH II</i>	MONTEGO BAY	DREDGE	42.72	August 28, 2003
319.	SUNSET BEACH RESORT & SPA	<i>SBR5 RESCUE</i>	OCHO RIOS	SNORKELLING &GB	10	September 5, 2002
320.	DAVID WALLACE	<i>SCUBA DO</i>	LUCEA	DIVE BOAT	9.1	April 25, 2003
321.	NEGRIL SCUBA CENTRE	<i>SCUBA HOO</i>	MONTEGO BAY	GLASS BOTTOM	10.55	July 18, 2002

Table X (cont'd) – Ship Registry

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
322.	TROPICAL ADVERTISERS LTD.	SCUBA QUEEN	LUCEA	GLASS BOTTOM	10	March 22, 2003
323.	NEGRIL SCUBA CENTRE	SCUBA TOO	LUCEA	DIVE BOAT	7.32	April 25, 2003
324.	BEACHES GRANDE SPORT	SEA BONNE	RIO BUENO	GLASS BOTTOM	8.23	August 15, 2002
325.	YACHT LEASING LIMITED	SEA GODDESS	KINGSTON	PASSENGER	9.86	March 5, 2004
326.	SANDALS MONTEGO BAY	SEA RUNNINGS	LUCEA	GLASS BOTTOM	9.5	December 19, 2003
327.	BEACHES BOSCOBEL RESORT	SEA SCAPE	LUCEA	GLASS BOTTOM	10	August 23, 2002
328.	PHILBERT McKENZIE	SEA SHELL 5	LUCEA	RESCUE BOAT	4	May 2, 2003
329.	PHILBERT McKENZIE	SEA SHELL II	LUCEA	PASSENGER	9.09	August 23, 2002
330.	PHILBERT McKENZIE	SEA SHELL III	OCHO RIOS	GLASS BOTTOM	6.55	August 12, 2003
331.	PHILBERT McKENZIE	SEA SHELL IV	MONTEGO BAY	MOTOR BOAT	7	May 13, 2002
332.	CAPTAIN'S WATERSPORTS	SEA STAR	SILVER SEAS	SHUTTLE BOAT	9	August 7, 2002
333.	HEAVE- HO CHARTERS LIMITED	SEA TAXI 1	OCHO RIOS	SHUTTLE BOAT	10	August 7, 2002
334.	HEAVE- HO CHARTERS LIMITED	SEA TAXI 2	LUCEA	RESCUE	6.17	July 27, 2002
335.	SUNRISE MARITIME LIMITED	SEABA	MONTEGO BAY	RO-RO CARGO	104.94	August 31, 2004
336.	GRAND LIDO BRACO	SEABERT	FALMOUTH	PASSENGER	9.5	April 24, 2003
337.	HEDONISM II	SEASCIP FLYING DIVER	LUCEA	GLASS BOTTOM	5	July 18, 2002
338.	PORTSIDE TOWING LIMITED	SEAWARD	MONTEGO BAY	TUG	34	September 18, 2003
339.	SANDALS NEGRIL	SEE SEA	BLACK RIVER	RESCUE BOAT	4.6	May 14, 2004
340.	BOAT SERVICES LIMITED	SERVICE I	KINGSTON	PILOT BOAT	11.6	June 1, 2004
341.	BOAT SERVICES LIMITED	SERVICE II	MONTEGO BAY	DIVING	15.35	June 4, 2004
342.	BOAT SERVICES LIMITED	SERVICE III	OCHO RIOS	PASSENGER	11.58	August 12, 2003
343.	BOAT SERVICES LIMITES	SERVICE IV	MONTEGO BAY	RESCUE	7.31	June 25, 2002
344.	BOAT SERVICES LIMITED	SERVICE V	KINGSTON	UTILITY	14.5	August 28, 2003
345.	STARFISH TRELAWNY RESORT	SFT RESCUE	LUCEA	GLASS BOTTOM	4.6	March 28, 2002
346.	JOHN & JENNIFER GREAVES	SHALAKO	KINGSTON	PLEASURE CRAFT	15.01	May 8, 2003
347.	HUBERT MITCHELL	SHATZY	OCHO RIOS	RESCUE	6	March 27, 2002
348.	SHAW PARK BEACH HOTEL	SHAW PARK (BOSTON WHALER)	LUCEA	RESCUE / TENDER	7.32	June 21, 2002
349.	SHINE NAVIGATION LIMITED	SHINE	MONTEGO BAY	BULK CARRIER	182.25	July 24, 2003
350.	BARE FEET LIMITED	SHUTTLE THING	PORTLAND BIGHT	PILOT	17	July 8, 2002
351.	CALVIN S. LYN	SILVER PEARL	KINGSTON	FISHING	18.2	June 7, 2004

Table X (cont'd) – Ship Registry

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
352.	GLENCORE ALUMINA JAMAICA LTD.	<i>SILVER SPRAY</i>	LUCEA	SKI BOAT	9	May 14, 2002
353.	MORGANS HARBOUR LIMITED	<i>SIR HENRY MORGAN 1</i>	LUCEA	PASSENGER	16.3	March 28, 2002
354.	SEA BOSS DIVERS LIMITED	<i>SIR SEA</i>	LUCEA	RESCUE	3.35	February 28, 2003
355.	NORTH COAST MARINE SPORTS	<i>SKI MASTER</i>	LUCEA	CATAMARAN	9.4	April 3, 2004
356.	TRYALL GOLF TENNIS & BEACH REST	<i>TGTB SKIFF</i>	MONTEGO BAY	RESCUE	4.56	September 27, 2002
357.	CONROY DONALDSON	<i>SKY MASTER</i>	LUCEA	SKI	6.4	June 9, 2002
358.	AQUA SIGHT NEGRIL LIMITED	<i>SKY TIME</i>	LUCEA	PASSENGER	6	September 8, 2002
359.	PETER HARPER	<i>SKYLARKING</i>	OCHO RIOS	DIVE BOAT	13	August 7, 2002
360.	ISLAND DREDGING LIMITED	<i>SMANATHA MII</i>	MONTEGO BAY	BARGE	52.40	August 28, 2003
361.	SANDALS, NEGRIL	<i>SNRI MASTER CRAFT #5</i>	LUCEA	MOTOR BOAT	6	March 26, 2002
362.	WILLIAM STEPHENSON	<i>SOARING EAGLE</i>	BLACK RIVER	FISHING	9.14	May 27, 2004
363.	BEACHES NEGRIL RESORT	<i>SONGS OF THE MANATEE</i>	LUCEA	RESCUE BOT	4.57	November 26, 2002
364.	SANS SOUCI RESORT & SPA	<i>SOON COME</i>	MONTEGO BAY	RESCUE	3.65	June 3, 2002
365.	LESLIE WOOLERY / CETA WATERSPORTS	<i>SPEEDY</i>	LUCEA	PASSENGER	7.93	March 3, 2002
366.	BEACHES GRANDE SPORT	<i>SPOIL SPORT II</i>	LUCEA	GLASS BOTTOM	11	July 18, 2002
367.	COUPLES SWEPT AWAY NEGRIL	<i>SPORT STAR 19</i>	LUCEA	GLASS BOTTOM	12	July 18, 2002
368.	PAUL SCOTT C/O FACEY COMMODITY CO. LTD.	<i>SPRANZIE</i>	KINGSTON	FISHING	21.64	April 30, 2003
369.	STARFISH TRELAWNY RESORT	<i>STARFISH 1</i>	MONTEGO BAY	GLASS BOTTOM	7	April 17, 2002
370.	STARFISH TRELAWNY RESORT	<i>STARFISH 2</i>	KINGSTON	FISHING TRAWLER	13.1	October 22, 2003
371.	STARFISH TRELAWNY RESORT	<i>STARFISH 3</i>	LUCEA	SKI BOAT	6.45	January 24, 2004
372.	SANDALS DUNNS RIVER	<i>STING RAY</i>	LUCEA	DIVE BOAT	10.97	July 21, 2003
373.	ROWAN WILLIAMS	<i>STING RAY #1</i>	LUCEA	RESCUE	5.13	March 26, 2002
374.	ROWAN WILLIAMS	<i>STING RAY #3</i>	OCHO RIOS	GLASS BOTTOM	6.66	June 4, 2002
375.	RAYMOND SMATT	<i>STINGRAY RS</i>	LUCEA	PASSENGER	7.99	January 30, 2004
376.	UNIVERSITY OF THE WEST INDIES	<i>STROMBUS</i>	LUCEA	PARASAIL	9.43	May 7, 2004
377.	COUPLES NEGRIL	<i>SUDS-CNG</i>	MONTEGO BAY	CATAMARAN	15	May 10, 2002
378.	SANDALS NEGRIL	<i>SUMMER BREEZE</i>	OCHO RIOS	RESCUE BOAT	7.62	August 9, 2004
379.	SUNCAT TRIPLETS LIMITED	<i>SUN CAT</i>	LUCEA	GLASS BOTTOM	7.3	March 28, 2002
380.	SEBERT CLARKE CAROL CLARKE	<i>SUNDANCE I</i>	MONTEGO BAY	SKI BOAT	6	September 12, 2002

Table X (cont'd) – Ship Registry

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
381.	SEBERT CLARKE	<i>SUNDANCE II</i>	OCHO RIOS	GLASS BOTTOM	10	October 7, 2002
382.	WATERSPORTS ENTERPRISES LTD.	<i>SUNDANCER</i>	LUCEA	GLASS BOTTOM	7.3	June 10, 2002
383.	STEPHEN CHUNG	<i>SUNFISHER II</i>	LUCEA	GLASS BOTTOM	7.5	January 17, 2003
384.	COPELAND DIXON	<i>SUNRISE 1</i>	NEGRIL	SHUTTLE BOAT	6.1	December 5, 2002
385.	ISLAND CHARTERS LIMITED	<i>SUNSATIION</i>	LUCEA	GLASS BOTTOM	9.1	March 28, 2002
386.	ISLAND CHARTERS LIMITED	<i>SUNSPASH</i>	MONTEGO BAY	SNORKEL	18.2	March 28, 2002
387.	EDWARD WILLIAMS	<i>SUPER</i>	MONTEGO BAY	SPORT FISHING	16	November 1, 2002
388.	PERCIVAL K. PLUMMER	<i>SUPER CHANCE</i>	MONTEGO BAY	SPORTS FISHERMAN	9.6	July 11, 2003
389.	BREEZES MONTEGO BAY	<i>SUPER FISH</i>	LUCEA	DIVE	8.54	March 7, 2002
390.	GRAND LIDO NEGRIL	<i>SURFACE INTERVAL</i>	FALMOUTH	GLASS BOTTOM	12.42	February 13, 2004
391.	RENFORD PROTER	<i>SURVIVAL II</i>	LUCEA	JET SKI	3.13	January 30, 2004
392.	ENOS HINDS	<i>SURVIVAL III</i>	LUCEA	RESCUE	5.48	June 7, 2002
393.	FALMOUTH FISHING CO. LTD.	<i>SUZIE Q</i>	KINGSTON	FISHING	8.4	October 2, 2002
394.	SANDALS MONTEGO BAY	<i>SWALLOW TAIL</i>	LUCEA	PATROL	5	June 23, 2004
395.	SWORD NAVIGATION LIMITED	<i>SWORDFISH</i>	MONTEGO BAY	BULK/LOG CARRIER	183	January 7, 2003
396.	SEA BOSS DIVERS LIMITED	<i>TANEIKA</i>	KINGSTON	SPORTS FISHERMA	10.92	December 2, 2003
397.	COUPLES NEGRIL	<i>TANESHA</i>	LUCEA	GLASS BOTTOM	7.92	April 20, 2002
398.	ALEXANDER HARBER	<i>TASSY WASSY</i>	FALMOUTH	SPORT FISHERMAN	11.68	April 11, 2003
399.	COUPLES NEGRILL	<i>TEACHER GUN</i>	KINGSTON	PLEASURE	9.1	April 11, 2003
400.	DAVID WILLIAMS	<i>TENA</i>	KINGSTON	FISHING	8.4	July 31, 2002
401.	NOEL MAYLOR	<i>THANKS JAH</i>	OCHO RIOS	SPORT FISHERMAN	11.29	July 4, 2002
402.	VENTER LTD.	<i>TIGRIS</i>	MONTEGO BAY	Ro-Ro, Lo-Lo, Container	129.05	August 31, 2004
403.	ALUMINA PARTNERS JA. LTD.	<i>TOMALEST</i>	NEGRIL	PASSENGER	10	June 28, 2002
404.	SEAWORLD RESORT LTD.	<i>TONI ANN</i>	PORTLAND BIGHT	FISHING CANOE	12	August 22, 2002
405.	BARRINGTON CLARKE	<i>TRIPPLE B</i>	MONTEGO BAY	CATAMARAN	16.2	May 10, 2002
406.	DEREK OSBOURNE	<i>TRIPPLE STAR</i>	LUCEA	GLASS BOTTOM	5.2	April 12, 2002
407.	ALFRED JOHNSON	<i>TRISHEM</i>	PORTLAND BIGHT	GLASS BOTTOM	21.3	November 15, 2002
408.	RAPSODY CRUISES & TOURS & CHARTERS LTD.	<i>TROPICAL DREAMER</i>	LUCEA	GLASS BOTTOM	6.9	March 28, 2002
409.	TRYALL GOLF, TENNIS & BEACH RESORT	<i>TRYALL #1</i>	LUCEA	RESCUE	4.16	May 10, 2002

Table X (cont'd) – Ship Registry

Item	Owner/Applicant	Vessel Name	Port of Registry	Type of Vessel	Length	Date of Registration
410.	AMOS SCOTT	<i>TUNA I</i>	LUCEA	PASSENGER	5.84	January 30, 2004
411.	AMOS SCOTT	<i>TUNA II</i>	LUCEA	PASSENGER	5.97	January 30, 2004
412.	TANK WELD LIMITED	<i>TW DERVIN</i>	LUCEA	GLASS BOTTOM	10.35	December 13, 2002
413.	FREDRICK HILL	<i>UNDER CONTROL</i>	FALMOUTH	SKI BOAT	6.4	March 14, 2003
414.	ISLAND DREDGING LIMITED	<i>VENTURE</i>	MONTEGO BAY	DREDGE	27.40	August 23, 2004
415.	NEGRIL CORAL REEF PRESERVATION SOCIETY	<i>VENUS I</i>	LUCEA	PASSENGER	5	June 24, 2004
416.	NEGRIL CORAL REEF PRESERVATION SOCIETY	<i>VENUS II</i>	LUCEA	RESCUE	5.79	July 30, 2004
417.	JAMES THOMAS / HOTEL VERSALLES LIMITED	<i>VERSALLES QUEEN</i>	NEGRIL	MOTOR	3.15	November 11, 2002
418.	HERBERT MITCHELL	<i>VICKY</i>	OCHO RIOS	GLASS BOTTOM	11	May 3, 2002
419.	BEACHES SANDY BAY	<i>VIKINGS</i>	MONTEGO BAY	RESCUE BOAT	4.56	January 16, 2003
420.	NEGRIL GARDENS BEACH RESORT	<i>VITAMIN SEA</i>	OCHO RIOS	RESCUE BOAT	4.5	July 10, 2002
421.	MR. & MRS. DALANO FIELDS	<i>VOYAGER</i>	LUCEA	GLASS BOTTOM	8.4	March 28, 2004
422.	ORELLANA HOLDINGS LIMITED	<i>WATERMELON</i>	KINGSTON	RESEARCH	7.76	May 19, 2004
423.	KIMBERLY TYNDALL	<i>WHA-DAT</i>	KINGSTON	PLEASURE CRAFT	12	March 14, 2003
424.	LESLIE WOOLERY	<i>WILD FIRE</i>	MONTEGO BAY	MOTOR BOAT	6.1	August 22, 2002
425.	BARE FEET LIMITED	<i>WILD THING</i>	KINGSTON	TUG BOAT	97	September 19, 2003
426.	SEA BOSS DIVERS LIMITED	<i>WIND CHASER</i>	OCHO RIOS	PASSENGER	20	July 10, 2002
427.	SANS SOUCI RESORT & SPA	<i>WITHOUT CARE</i>	RIO BUENO	PASSENGER	10.54	January 29, 2004
428.	ANTHONY HART	<i>WOW</i>	MONTEGO BAY	PASSENGER	6.86	October 16, 2003
429.	WYNDHAM ROSE HALL	<i>WRH RESCUE BOAT</i>	BLACK RIVER	PASSENGER	9.15	March 23, 2004
430.	SANDALS OCHO RIOS	<i>XENA</i>	OCHO RIOS	RESCUE	2.6	May 17, 2002
431.	MYRNA CLARKE	<i>YAMON</i>	MONTEGO BAY	PARASAIL	8.8	August 9, 2004
432.	DAVID HAYE	<i>YELLOW BIRD</i>	OCHO RIOS	RESCUE	4.7	May 9, 2002
433.	LLOYD CAMPBELL	<i>YELLOW FIN</i>	BLACK RIVER	PASSENGER	9.15	November 12, 2002
434.	NAKASH CONSTRUCTION & EQUIPMENT LTD.	<i>YFN-413</i>	MONTEGO BAY	BARGE	33.5	February 12, 2004
435.	ANTHONY MUTHRA	<i>ZACKY D</i>	KINGSTON	RESEARCH	5.5	May 19, 2004
436.	RENAISSANCE JAMAICA GRANDE	<i>ZODIAC 1</i>	OCHO RIOS	PASSENGER	8.85	November 12, 2002
437.	BEACHES ROYAL PLANTATION	<i>ZODIAC HURRICANE</i>	OCHO RIOS	PASSENGER	8.83	October 7, 2002

Source: Maritime Authority of Jamaica

Table Y Standard International Trade Classification (SITC) Code and Description (Motor Vehicle Imports)

No.	SITC Code	Description
1.	781100000	Vehicles specially designed for travelling on snow; golf cars and similar vehicles
2.	7812190010	Motor cars and other motor vehicle not exceeding 1,000 cc imported by individuals.
3.	7812190030	Motor cars & other motor vehicle not exceeding 1000 cc imported by dealers.
4.	7812290010	Motor vehicles exceeding 1000 cc but not exceeding 1,500 cc imported by individuals.
5.	7812290030	Motor cars & other m/vehicle exceeding 1000 cc but not exceeding 1,500 cc imported by dealers
6.	7812320010	Motor vehicles exceeding 1,500 cc but not exceeding 1,800 cc imported by individuals. (petrol)
7.	7812320011	Pathfinders (and the like) exceeding 1,500 cc but not exceeding 1,800 cc imported by individuals (petrol).
8.	7812320030	Motor vehicle exceeding 1,500 cc but not exceeding 1,800 cc imported by dealers (petrol).
9.	7812330010	Motor vehicles exceeding 1800 cc but not exceeding 2,000 cc imported by individuals (petrol)
10.	7812330011	Pathfinders (and the like) exceeding 1,800 cc but not exceeding 2,000 cc imported by individuals (petrol).
11.	7812330030	Motor vehicles exceeding 1800 cc but not exceeding 2,000 cc imported by dealers (petrol).
12.	7812340010	Motor vehicles exceed. 2,000 cc but not exceeding 3,000 cc imported by individuals (petrol)
13.	7812340011	Pathfinders (and the like) exceed. 2,000 cc but not exceeding 3,000 cc imported by individuals (petrol).
14.	7812340030	Motor vehicles exceed. 2,000 cc but not exceeding 3,000 cc imported by dealers (petrol)
15.	7812490010	Motor vehicle exceeding 3,000 cc imported by individuals including Pathfinders (and the like). (petrol)
16.	7812490030	Motor vehicle exceeding 3,000 cc imported by dealers (petrol)
17.	7812490050	Hearse of an unladen weight of 2032 kg and under (petrol)
18.	7812490051	Hearse of an unladen weight of over 2,032 kg (petrol)
19.	7812590030	Motor vehicles not exceeding 1,500 cc imported by dealers.
20.	7812620010	Motor vehicle of a cylinder capacity exceeding 1,500 cc but not exceeding 2,000 cc, imported by individuals.
21.	7812620030	Motor vehicle of a cylinder capacity exceeding 1,500 cc but not exceeding 2,000 cc, imported by dealers.

Table Y (cont'd) – SITC Code and Description

<i>No.</i>	<i>SITC Code</i>	<i>Description</i>
22.	7812640010	Motor vehicle of a cylinder capacity exceeding 2,000 cc but not exceeding 2,200 cc, imported by individuals.
23.	7812640011	Motor vehicles of a cylinder capacity exceeding 2,200 cc but not exceeding 2,500 cc imported individual.
24.	7812640012	Pathfinders and the like exceeding 2,200 cc but not exceeding 2,500 cc imported by individuals
25.	7812640013	Pathfinders and the like exceeding 2,000 cc but not exceeding 2,200 cc imported by Individuals
26.	7812640030	Motor vehicles of a cylinder capacity exceeding 2,200 cc but not exceeding 2,500 cc imported by dealers.
27.	7812790010	Motor vehicle exceeding 2,500 cc but not exceeding 3,200 cc imported by individuals
28.	7812790011	Motor vehicles exceeding 3,200 cc imported by individuals.
29.	7812790012	Pathfinders and the like exceeding 2,500 cc but not exceeding 3,200 cc imported by individuals
30.	7812790013	Pathfinders and the like exceeding 3,200 cc imported by individuals.
31.	7812790030	Motor vehicles 2,500 cc to 3,200 cc imported by dealers.
32.	7812790031	Motor vehicles exceeding 3,200 cc imported by dealers.
33.	7812790051	Hearse of an unladen weight of over 2,032 kg .
34.	7812900060	Motor homes.
35.	7821100010	Dumpers designed for off-highway use imported by individuals, exceeding an unladen weight of 2,032 kg.
36.	7821100030	Dumpers designed for off-highway use imported by dealers.
37.	7821920010	Pick-up and trucks over 3 tons but not exceeding 5 tons imported by individuals.
38.	7821920011	Motor vehicles for the transport of an unladen weight not exceeding 2,032 kg imported by individuals.
39.	7821920012	Motor vehicles for the transport of goods of an unladen weight exceeding 2,032 kg-3 tons imported by individuals.
40.	7821920020	Pickups & trucks with g.v.w. exceeding 3 tons but not exceeding 5 tons imported for agricultural purposes.
41.	7821920021	Motor vehicles for the transport of a g.v.w. not exceeding 5 tons imported for agricultural purposes (excluding pickup's and trucks over 3 tons).
42.	7821920022	Other motor vehicles exceeding 3,000 kg imported for agricultural purposes.

Table Y (cont'd) – SITC Code and Description

<i>No.</i>	<i>SITC Code</i>	<i>Description</i>
43.	7821920030	Pick-ups and trucks with g.v.w. exceeding 3 tons, but not exceeding 5 tons imported by dealers.
44.	7821920031	Motor vehicles for the transport of goods of a g.v.w. not exceeding 5 tons imported by dealers (excluding pick-ups and trucks over 3 tons).
45.	7821920032	Other motor vehicles exceeding 3,000 kg imported by dealers.
46.	7821940010	Other ex 5 tonnes but not exceeding 20 tonnes imported by individuals.
47.	7821940020	Other exceeding 5 tonnes but not exceeding 20 tonnes imported for agricultural purposes.
48.	7821940030	Other exceeding 5 tonnes but not exceeding 20 tonnes imported by dealers.
49.	7821960010	Other motor vehicles for the transport of goods, of a g.v.w. exceeding 20 tonnes imported by individuals.
50.	7821960020	Other motor vehicles for the transport of goods, of a g.v.w. exceeding 20 tonnes imported for agricultural purposes or for the purposes by the competent authority.
51.	7821960030	Other motor vehicles for the transport of goods, of g.v.w. exceeding 20 tonnes imported by dealers.
52.	7821980010	Pick-ups and trucks over 3 tons but not exceeding 5 tons imported by individuals.
53.	7821980011	Motor vehicles for the transport of goods if an unladed weight not exceeding 2,032 kg imported by individuals.
54.	7821980012	Motor vehicles for the transport of goods of an unladed weight exceeding 2,032 kg-3 tons imported by individuals.
55.	7821980020	Pick-ups and trucks over 3 tons but not exceeding g.v.w. of 5 tons imported for agricultural purposes.
56.	7821980021	Motor vehicles for the transport of a g.v.w. not exceeding 5 tons imported for agricultural purposes (excluding pick-ups and trucks over 3 tons).
57.	7821980030	Pick-ups & trucks over 3 tons but not exceeding g.v.w. of 3 tons imported by dealers.
58.	7821980031	Motor vehicles for the transport of goods of a g.v.w. not exceeding 5 tons imported by dealers (excluding pick-ups and trucks over 3 tons).
59.	7821992010	Motor vehicles nesoi imported by individuals.
60.	7821992030	Motor vehicles nesoi imported by dealers.
61.	7821999010	Mechanically propelled vehicles nesoi imported by individuals.
62.	7822100000	Crane lorries
63.	7822300000	Mobile drilling derricks
64.	7822500000	Fire fighting vehicles

Table Y (cont'd) – SITC Code and Description

<i>No.</i>	<i>SITC Code</i>	<i>Description</i>
65.	7822700000	Concrete-mixer lorries
66.	7822900000	Other special purpose motor vehicle n.e.s.
67.	7826440031	Motor vehicles of a cylinder capacity exceeding 2,000 cc but not exceeding 2,200 cc imported by dealers.
68.	7831120010	Coaches, buses and mini-buses, 10 to 14 seating capacity, imported by individuals (diesel or semi-diesel).
69.	7831120011	Coaches, buses and mini-buses, 15-21 seating capacity, imported by individuals (diesel or semi-diesel).
70.	7831120020	Coaches, buses & mini-buses, 10-14 seating capacity, imported by franchise holders and other like (diesel or semi-diesel).
71.	7831120021	Coaches, buses and mini-buses 15-21 seating capacity, imported by franchise holders and the like (diesel or semi-diesel).
72.	7831120030	Coaches, buses and mini-buses 10-14 seaters imported by dealers (diesel or semi-diesel).
73.	7831120031	Coaches, buses and mini-buses 15 -21 seaters imported by dealers.
74.	7831140011	Coaches, buses and mini-buses, 25-29 seaters imported by individuals (diesel or semi-diesel).
75.	7831140020	Coaches, buses and mini-buses, 21-24 seats imported by franchise holders and the like (diesel or semi-diesel).
76.	7831140021	Coaches, buses and mini-buses, of a seating capacity 25-29 seats imported by franchise holders and the like (diesel or semi-diesel).
77.	7831140031	Coaches, buses and mini-buses, of a seating capacity 25-29 seats, imported by dealers (diesel or semi-diesel).
78.	7831160010	Coaches, buses and mini-buses, of a seating capacity exceeding 29 persons imported by individuals (diesel or semi-diesel).
79.	7831160020	Coaches, buses and mini-buses, of a seating capacity exceeding 29 persons imported by franchise holders and the like (diesel or semi-diesel).
80.	7831160030	Coaches, buses and mini-buses, of a seating capacity exceeding 29 persons imported by dealers (diesel or semi-diesel).
81.	7831190010	Coaches, buses, mini-buses, nesoi imported by individuals(diesel or semi-diesel).
82.	7831920011	Coaches, buses and mini-buses, of a seating capacity 15-21seats imported by individuals.
83.	7831920021	Coaches, buses and mini-buses, of a seating capacity 15-21 seats imported by franchise holders and the like.
84.	7831920030	Coaches, buses and mini-buses, of seating capacity 10-14 seats imported by dealers.
85.	7831920031	Coaches, buses and mini-buses, of a seating capacity 15-21 seats imported by dealers.
86.	7831940011	Coaches, buses and mini-buses, of a seating capacity 25 to 29 seats imported by individuals.

Table Y (cont'd) – SITC Code and Description

<i>No.</i>	<i>SITC Code</i>	<i>Description</i>
87.	7831940021	Coaches buses and mini-buses, of a seating capacity 25-29 seats imported by franchise holders and the like.
	7831940031	Coaches, buses and mini-buses, of seating capacity 25-29 seats imported by dealers.
88.	7831960010	Coaches, buses and mini-buses of seating capacity exceeding 29 persons imported by individuals.
89.	7831960020	Coaches, buses and mini-buses, of a seating capacity exceeding 29 persons imported by franchise holders and the like.
90.	7831990020	Passenger type public transport, nesoi, imported by franchise holders and the like.
91.	7831990030	Public transport type passenger vehicle, nesoi, imported by dealers.
92.	7832000010	Road tractors for semi-trailers imported by individuals.
93.	7832000030	Roads tractors for semi-trailers imported by dealers.

Source: Statistical Institute of Jamaica (STATIN)

APPENDIX II

Glossary (for the purposes of this report only)

Aerodrome	An airport, airfield or airstrip.
Airport	A complex for civil aircraft comprising runways, hangars and passenger facilities.
Airstrip	Strip of ground for take-off and landing of aircraft.
Anchorage	An area suitable for a ship to wait until the dock is available.
Articulated bus (JUTC)	Bus with two sections [one (1) attachment].
Berth	A ships allotted place at a wharf or dock.
Bi-articulated bus (JUTC)	Bus with three sections [two (2) attachments].
Break-Bulk	General cargo; non-bulk cargo.
Bridge	Structure carrying a road or railway across a river, road etc.
Bulk Cargo	Loose cargo in the hold of a ship.
Bulk Carrier	A ship with specialized holds for carrying dry or liquid commodities such as grain, oil, ore, and coal, in unpackaged bulk form.
Bus Park	An informal stop usually an open lot where vehicles park and commuters access transport services. Parks lack the amenities available at a terminus.
Class 1	Motor vehicles of any length but less than 2 metres high and motorized 2 and 3 wheel vehicles.
Class 2	Motor vehicles more than 2 metres high but less than 5.5 metres long.
Class 3	Motor vehicles more than 2 metres high and longer than 5.5 metres long.
Commercial Unit	Motor vehicle constructed, adapted or used for the carriage of goods or used in the furtherance of any private or business undertaking.

Contract Carriage	Motor vehicle carrying passengers for hire or reward under a contract expressed or implied for the use of the vehicle for a fixed or agreed rate or sum; vehicle used for carrying passengers for hire or reward under an agreement. The vehicle must not stand or ply for hire on any road or in any public place.
Depot	A place where trains, buses or other vehicles are housed and maintained.
Draught (marine)	Refers to the depth of water needed to float a particular ship; amount of water a ship draws.
Express Carriage	Operates similar to a stage carriage however the vehicle only stops at designated stops.
Farm Roads	Roads built and/or maintained by Parish Councils, National Works Agency or the Ministry of Agriculture, whether paved or unpaved, which are used primarily for servicing farm areas.
Fatality	Death due to injuries in a traffic accident.
Hackney Carriage	Motor vehicle carrying passengers for reward or hire used in any location frequented by the public and which have a seating capacity for not more than four persons; (other wise called taxi) is a vehicle used for carrying passengers for hire or reward and which stands or plies for hire on thoroughfares or public places.
Halt	A minor stopping place on a local railway line where trains are not mandated to stop, passengers mainly disembark at this location.
Junction (Rail)	The point of intersection for two rail lines.
Labour Force	All persons able and willing to work; includes persons who are employed, actively searching for jobs and/or want work while being in a position to accept work if offered.
Level Crossing	Where rails and roads intersect.
Light Structure (marine)	Metal framed structure that serves as a beacon for ships; has similar function as a lighthouse.
Motor Vehicle	Mechanically propelled vehicle intended or adapted for use on roads.
Parochial Roads	Otherwise referred to as Parish Council roads – roads built and/or maintained by local authorities (under the portfolio of the Ministry of Local Government, Community Development and Sport.
Primary Roads (A Roads)	Otherwise referred to as arterial roads; roads of national importance, which carry daily traffic volumes in excess of 1000 vehicles linking or more major areas/towns of the island with other major areas/towns. A minimum of 23m (75ft.) reservation is required.

Private Carrier	Motor vehicle for the carriage of goods for or in connection with any trade or business carried on by a particular person or group only.
Public Carrier	Motor vehicle used for the carriage of goods for hire or reward.
Rail Tracks	Continuous line of rails on a railway.
Ro/Ro Vessels (marine)	Ships designed to carry wheeled containers or other wheeled cargo and use the roll on roll off method of loading and unloading.
Route Taxi	Motor vehicle used and licensed to transport passengers in return for payment of a fare; (Stage carriage B”) is a stage carriage operation using vehicles that seat not more than 10 persons including the driver.
Rural Stage	Motor vehicle carrying passengers for reward or hire at separate fares, stage-by-stage, and stopping to pick up or set down passengers along the line route.
Secondary Roads (B Roads)	Roads of regional importance, which connect with arterial roads and normally carry average daily traffic volumes of 1000 to 8000 vehicles. These are main roads, which include main residential roads, and would normally be used as bus routes or as heavily used traffic routes through residential areas. A minimum of 15.24m (50ft) reservation is required.
Siding (Rail)	Short track at the side of and opening on a railway line, used to shunt (divert) trains.
Stage Carriage	Vehicle used for carrying passengers at separate fares. It travels along a prescribed route, stopping to pick up and set down passengers at designated stops along the route.
Stand	A place where vehicles wait for passengers; single unit along the stretch of a roadway usually marked with sign in place.
Station	A place where passenger trains stop on a railway line, typically with platforms and buildings. All trains are mandated to stop at these locations.
Stevedore Operations	Loading and unloading activities at a dock.
Sufferance	Private licensing.
Tanker	A ship designed to haul liquid bulk cargo such as oil.
Terminal/Terminus	See <i>Transport Centre</i> .

Tertiary (C Road)	Roads that are normally of local importance and have a function of allowing communications and contact within districts. C roads normally serve traffic volumes of less than 1500 vehicles per day and are used for direct access to individual lots within a residential area or for access to commercial premises. They should comply with local bylaws, unless otherwise specified in special area developments. A minimum 9m (29.5 ft) reservation is required.
Toll Road	Roads that are maintained by a road authority appointed by Government of Jamaica. These roads are of national importance and carry daily traffic volumes in excess of 1500 vehicles and link one or more major areas of the island with other major national region.
Transport Centre	End point of a journey; a formal stopping area for vehicles and passengers, which has amenities in place such as curbs and platforms, security posts and origin-destination signs.
Twenty-Foot Equivalent Unit (TEU)	Standard measurement for containers
Tunnel	An artificial underground passage, as built through a hill to allow for the passage of railway.
Urban A (UA)	Roads that move large volumes of traffic between one or more centers of significant commercial activity (districts) and/or across urban areas.
Urban B (UB)	Roads in urban centers, which provide direct links between two centers of commercial activity and feed traffic to UA roads.
Urban C (UC)	roads in urban centers, which provide access to UA and UB roads.
Viaduct	A long bridge-like structure, typically a series of arches, carrying a road or railway across a valley or other low ground.
Vehicle Identification Number (VIN)	Number or chassis number which is the identifying code for a specific automobile. Each number is unique, usually consisting of characters that identify the manufacturer, make, model and year of vehicle.
Vehicle Weight	Unladen vehicle weight – The weight of a vehicle as built by the factory with full fuel, engine, oil and coolants. It does not include cargo, occupants or dealer-instated accessories.

APPENDIX III**References/Information Sources**

Airports Authority of Jamaica (AAJ)
Caribbean Maritime Institute (CMI)
Civil Aviation Authority (CAA)
Inland Revenue Department (IRD)
Island Traffic Authority (ITA)
Ministry of Commerce, Science and Technology (with Energy)
Ministry of Local Government, Community development and Sport
Maritime Authority of Jamaica (MAJ)
Montego Bay Metro
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Jamaica Social Investment Fund (JSIF)
Jamaica Railway Corporation (JRC)
Jamaica Urban Transit Company Limited (JUTC)
Jamaica Ultimate Tyre Company
National Works Agency (NWA)
Port Authority of Jamaica (PAJ)
- Annual Report - *Port Statistics Jamaica (January to December 2003)*
- Website: <http://www.portjam.com>
Road Safety Unit (RSU)
Rural Agricultural Development Authority (RADA)
Statistical Institute of Jamaica (STATIN)
Trade Board Limited
Transport Authority (TA)

Ministry of Transport and Works
Annual Transport Statistics Report: Jamaica in Figures 2003-2004
July 2005



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