



Ministry of Labour  
& Social Security



# EMPLOYMENT OPPORTUNITIES FOR LOW SKILLED WORKERS IN JAMAICA



Prepared by the Planning, Research & Monitoring Unit  
March 2018



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JAMAICA**

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Ministry of Labour and Social Security  
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## Executive Summary

This Report explores opportunities for employment of low skilled workers in Jamaica, utilizing both primary and secondary sources. It identifies low skilled jobs which will be in demand in Jamaica and overseas in the next two (2) to three (3) years. In addition, it highlights jobs which are related to these low skilled occupations.

For the purpose of this research, the International Standard Classification of Occupations (ISCO-08) was used to provide the definition of low skilled workers. According to the ISCO-08, Skill Level I is the lowest skill level and involves tasks that are simple and routine or may require physical or manual labour.<sup>1</sup> The occupations associated with Skill Level I often involve persons with primary education and basic skills in literacy and numeracy, such as Office Cleaners, Gardeners, Labourers and Kitchen Assistants.<sup>2</sup>

At Skill Level II, individuals are expected to perform tasks such as operating machinery and electronic equipment, driving vehicles, maintenance and repair of electrical and mechanical equipment, as well as ordering and storage of information.<sup>3</sup> The ability to read information such as safety instructions, perform simple arithmetical calculations, as well as provide written reports on tasks completed are essential at this level. Knowledge and skills can be obtained through the completion of first stage secondary education.<sup>4</sup> Some occupations may require the completion of secondary level education. Occupations found in Skill Level II include Butchers, Bus Drivers, Secretaries, Accounts Clerks, Sewing Machinists, Motor Vehicle Mechanics, Hairdressers and Shop Sales Assistants.<sup>5</sup>

The ISCO-08 identified several skilled jobs at Skill Level I which are also deemed to be in demand in Jamaica. These include Gardeners, Household Helpers, Labourers, Packers, Assemblers, Construction Labourers, Farm Labourers and Kitchen Assistants. At Skill Level II,

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<sup>1</sup> International Labour Organization – International Standard Occupational Classification (ISCO-08)

<sup>2</sup> Ibid

<sup>3</sup> Ibid

<sup>4</sup> Ibid

<sup>5</sup> Ibid

the demand is evident for Security Guards, Hairdressers, Bartenders, Cooks, Nail Technicians, Barbers, Drivers, Meat Cutters and Butchers.

Internationally, various jobs whether from the low, medium or high skill stratum have been declining due to technological advancement through mechanization, automation and in some countries the use of robotics. Low skilled workers are particularly vulnerable and in some cases are the first to be relieved of their jobs which are often replaced by technology. Despite these changes, there are some low skilled jobs which still remain in demand.

Data gathered from Private Employment Agencies operating in Jamaica shows that there is a demand for Domestic Helpers, both locally and internationally. Other low skilled jobs that are available locally include Sales Workers and Waiters. Furthermore, for overseas employment opportunities, there is a need for Housekeepers, Servers and Dish Washers.

Information was gleaned from the MLSS National Labour Market Survey 2017, in order to determine the demand for low skilled workers over the next three years. Results from this report indicate that there will be a demand for Janitorial Workers, Meat Cutters, Labourers, Cooks, Gardeners and Packers.

International demand for low skilled workers on the MLSS Overseas Employment Programme shows a need for Housekeepers, Servers, Cooks, Kitchen Helpers and Landscapers i.e. Groundsmen/Greenskeepers.

Data retrieved from a US study by Mahuron in 2016 revealed a number of areas where low skilled jobs are in demand. Some are similar to Jamaica which include "Office and Administrative Support", "Production", "Fast Food Preparation and Serving", "Sales", "Building and Grounds Maintenance" and "Transportation and Movement of Material".

## **1.0 INTRODUCTION**

Globally, the demand for labour has been impacted by a number of factors, including the introduction of new machineries and technologies, to improve efficiency and productivity in the workplace and enhance the competitiveness of businesses. This has therefore resulted in an increased demand for persons with the technical and professional skills-set to operate new and emerging technologies.

Information gathered also indicates that industries which previously required little or no trained workers now need persons with technical skills. This poses a challenge in the Jamaican labour market, given that almost 70 per cent of the workforce is uncertified and would be ill-equipped to fill job vacancies in these technical and professional areas.<sup>6</sup> This has implications for the Government's thrust towards decreasing unemployment, increasing productivity in the workplace and reducing the existing skills gap.

### **1.1 Rationale for Study**

With the low skilled level in the labour force and inadequate matriculation of graduates from secondary schools in the labour market due to low performance in CSEC examinations,<sup>7</sup> a study of this nature is important. This study therefore identifies the current and future employment opportunities for low skilled workers in the Jamaican labour market.

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<sup>6</sup> Persons with no formal training/certification

<sup>7</sup> Figures released from the Ministry of Education Statistics Unit in 2017 revealed that 34,885 students sat the CSEC examinations. However, only 8,703 or 24.9% attained five (5) or more subjects, including Mathematics and English Language.

## 1.2 Methodology

The types of job opportunities for low skilled workers were gathered from both primary and secondary sources. The definition for low skilled workers was established using the International Standard Classification of Occupations (ISCO-08) provided by the International Labour Organization (ILO). For the purpose of this research, Skill Levels I and II were used to establish workers who fall within the category low skill.

### ***Definition of low skills***

The ISCO-08 provides four skill levels that exist in the labour market. Skill Level I involves the undertaking of simple and routine physical or manual tasks.<sup>8</sup> The occupations associated with Skill Level I also include the use of physical strength and/or endurance with primary education and basic skills in literacy and numeracy.<sup>9</sup> Occupations found in Skill level I include Office Cleaners, Freight Handlers, Garden Labourers and Kitchen Assistants.<sup>10</sup>

At Skill Level II, individuals are expected to perform tasks such as operating machinery and electronic equipment, driving vehicles, maintenance and repair of electrical and mechanical equipment as well as ordering and storage of information.<sup>11</sup> The ability to read information such as safety instructions, perform simple arithmetical calculations as well as provide written reports on tasks completed are essential. Knowledge and skills at this level can be obtained through the completion of first stage secondary education.<sup>12</sup> In addition, some occupations may require the completion of secondary stage education. Occupations found in Skill Level II include Butchers, Bus Drivers, Secretaries, Accounts Clerks, Sewing Machinist, Motor Vehicle Mechanics, Hairdressers, Shop Sales Assistants and Police Officers.<sup>13</sup>

For Skill Level III, individuals typically perform complex technical and practical tasks that require a comprehensive body of factual, procedural and technical knowledge in a specialized field.<sup>14</sup>

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<sup>8</sup> International Labour Organization – International Standard Occupational Classification (ISCO-08)

<sup>9</sup> Ibid

<sup>10</sup> Ibid

<sup>11</sup> Ibid

<sup>12</sup> Ibid

<sup>13</sup> Ibid

<sup>14</sup> Ibid

Tasks performed at this level include coordinating, supervising, controlling and scheduling activities of other workers; ensuring compliance with health, safety and related regulations; and performing detailed estimates of costing as it relates to materials and labour for specific projects.<sup>15</sup> Occupations classified as Skill Level III include Shop Managers, Medical Laboratory Technicians, Legal Secretaries, Commercial Sales Representatives and Computer Support Technicians.<sup>16</sup>

At Skill Level IV, occupations in this category include performing tasks such as complex problem-solving, decision-making and creativity based on an extensive body of theoretical and factual knowledge in a specialized field.<sup>17</sup> Individuals at this level often undertake analysis and research to extend knowledge in a particular field, impart knowledge to others, diagnose and treat diseases and design structures or machinery.<sup>18</sup> Occupations considered at Skill Level IV include Marketing Managers, Civil Engineers, Secondary School Teachers, Medical Practitioners, Musicians and Computer Systems Analysts.<sup>19</sup>

### ***Research Techniques***

This Study employed the use of desk research in order to examine the demand for low skills in Jamaica. Information was gleaned from administrative statistics and research from the MLSS. Low skilled and related jobs were further identified from Jamaica Standard Occupational Classification (JSOC) 2015. Interviews were then conducted with experts in each industry to further identify and verify whether the low skilled jobs extracted from the JSOC were in demand.

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<sup>15</sup> Ibid

<sup>16</sup> Ibid

<sup>17</sup> Ibid

<sup>18</sup> Ibid

<sup>19</sup> Ibid

### **1.3 Limitations**

The major constraint of using this type of method is that the data was difficult to gather since extensive work has not been done in the area of interest. In some cases, the information gathered was also dated, which limits the ability of the Researcher to draw conclusions, given the dynamic nature of the labour market. As such, recent statistical data on trends was used to supplement findings of previous report to ensure the validity of information.

## 2.0 Overview of historical changes in the labour market and the demand for low skilled workers

Globally, the labour market has changed drastically over the last two hundred and fifty years. Shah (2016) examined the changes that have taken place and outlined these transitions, beginning with the Agriculture Age (which existed in the 17<sup>th</sup> - 19<sup>th</sup> centuries), where the primary assets were infrastructure (land, water) and resources (both human and material derived from soil).<sup>20</sup> As societies moved into the Industrial Age (1750 to 1940), the use of technology and other machinery became increasingly important assets. This brought about a wide range of employment opportunities, thus adding new types of jobs as well as substantial economic growth to economies.<sup>21</sup>

In the 1940s, the Mining sector in Jamaica saw an economic upturn through bauxite production (the primary component being aluminium).<sup>22</sup> During the early 1950's production of bauxite increased rapidly, and by 1957, Jamaica became the leading bauxite producer in the world, with a production capacity of nearly 5 million tonnes of bauxite per year. This was almost a quarter of all the bauxite mined in the world in that year.<sup>23</sup> In addition, the production of alumina also increased, especially after the mid-1960s. By 1974, Jamaica had become the world's second largest total producer of bauxite and the second largest exporter of alumina.<sup>24</sup> Jamaica was also widely involved in the cultivation of banana and the production of sugar. These industries have been negatively impacted by weather conditions and in the case of sugar production, the increase in the oil prices during the 1970s.

Within the last fifty years, societies have transitioned into what is considered the Service Age, in order to foster economic growth and job creation.<sup>25</sup> In Jamaica, many of the services provided are associated with Tourism.<sup>26</sup> The Hotel and Restaurant subsector has recorded the most

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<sup>20</sup> Shah, Raj (2016). The Knowledge Age

<sup>21</sup> Ibid

<sup>22</sup> Jamaica Bauxite Institute

<sup>23</sup> Ibid

<sup>24</sup> Ibid

<sup>25</sup> Inter-America Development Bank (2014)

<sup>26</sup> Ibid

improvement in growth over the past twenty years.<sup>27</sup> In addition, other Service sectors such as Wholesale and Retail Trade; Transportation, Storage and Communications; Real-Estate, Rent and Business Activities; and Finance and Insurance have all contributed more to GDP than the Goods Producing sectors – Manufacturing; Construction; Agricultural; and Mining.<sup>28</sup>

The last twenty five years represent the beginning of the Information/Knowledge Age.<sup>29</sup> This new era holds the possibility for tremendous economic growth due to the availability and efficient access to information.<sup>30</sup> This access was developed through informatics systems and applications using business processes, organizational reengineering<sup>31</sup> etc.

## **2.1 The impact of a knowledge-based economy on the labour market**

Knowledge-based economies rely primarily on the use of ideas rather than physical abilities and on the application of technology, more so than the use of cheap labour. It is an economy in which knowledge is created, acquired, transmitted and used more effectively by individuals, organizations and communities to foster economic and social development.<sup>32</sup>

The knowledge economy is transforming the demands of the labour market in economies throughout the world.<sup>33</sup> In industrial countries, where knowledge-based industries are expanding rapidly, labour market demands are changing simultaneously.<sup>34</sup> In instances where new technologies have been introduced, the demand for highly skilled workers, particularly those with Information and Communication Technology (ICT) background has increased. At the same time, demand for low skilled workers has declined.<sup>35</sup>

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<sup>27</sup> Ibid

<sup>28</sup> Ibid

<sup>29</sup> Ibid

<sup>30</sup> Ibid

<sup>31</sup> Organizational reengineering- is a technique used to redesign business processes in order to take advantage of organizational strengths, called core competencies.

<sup>32</sup> World Bank Institute (2001)

<sup>33</sup> Ibid

<sup>34</sup> Ibid

<sup>35</sup> Ibid



## 2.2 International trends in the demand for low skilled workers

### ***United States of America***

Rehman (2015) in his article entitled *The Impact of Technology on Unemployment* described low skilled workers as the most harmed individual by technological developments, as robots and computing advancements regularly replace workers undertaking repetitive tasks. Mahuron (2016) agrees with Rehman and postulated that jobs that require low skilled labour are continually shrinking due to technological and societal advances. Therefore, jobs that previously required little or no training and was performed manually may now be assisted by computers or other technology, thus requiring the worker to have technological skills. Mahuron (2016) cited Mechanics who were once considered as low skilled labourers, however they are now required to be trained in repairing, maintaining and operating modern automobiles. In the US, this has resulted in a greater demand for education among persons entering the labour market and increased difficulty for low skilled workers to find employment in such an industrialized country.<sup>36</sup> Despite these changes in the labour market, Mahuron (2016) pointed out that Office and Administrative Support; Production; Fast Food Preparation and Serving; Sales; Building and Grounds Maintenance; and Transportation and Movement of Material account for 84.5 per cent of low-skilled jobs in the United States in 2015.

### ***Other developed countries***

The challenges faced by low skilled workers in the labour market of advanced industrial countries arose not from inflexibility of labour markets, but from structural changes. These include de-industrialisation, skill-biased technological change and the growing specialization in skill intensive products induced by globalization.<sup>37</sup> These factors have been steadily reducing the demand for low skilled labour and increasing the demand for high-skilled workers.<sup>38</sup> Furthermore, labour market policies designed to increase labour market flexibility, have only

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<sup>36</sup> Mahuron (2016), Skilled Labor vs. Unskilled Labour

<sup>37</sup> Ajit K. Ghose (2015), The global employment challenge

<sup>38</sup> Ibid

succeeded in pushing some low skilled workers into non-standard and involuntary part-time employment.<sup>39</sup>

### ***Central and Eastern Europe***

The employment problem in these countries is generally similar to that of advanced industrial countries, in that, it is mainly low-skilled workers who face unemployment and constitute the bulk of discouraged workers. Employment problems for low skilled workers emerged in the late 1990s as technological advancements and the widespread adoption of computers led to an increased demand for workers in high-skilled occupational areas such as Managerial, Professional and Technical occupations, such as Engineering, Finance, Management, and Medicine (Goldin et al. (1998). Brynjolfsson and McAfee (2013) supported the previous statement and outlined some jobs they believe will be on the increase globally for the next 10-15 years. These include:

- i. Software Engineers
- ii. Computer Support Workers
- iii. Network Administrators
- iv. Medical Assistants
- v. Registered Nurses
- vi. Network Systems Analysts
- vii. Database Administrators
- viii. Personal and home care aides
- ix. Financial Managers
- x. Customer Service Representatives
- xi. Software System Developers
- xii. Market Research Analysts
- xiii. Computer and Information Systems Managers
- xiv. Operations Managers
- xv. Personal Financial Advisors
- xvi. Statisticians

### **2.3 Jamaican Context**

Jamaica is largely a service economy which constitutes the major contributor to GDP and employment. The Service sector averaged 67.8 per cent of the employed labour force over the last ten (10) years (See Table 1).

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<sup>39</sup> Ibid

Table 1  
Contribution of the Service sector to employment 2008-2017

Sector	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
<b>Electricity</b>	0.41	0.39	0.56	0.68	0.67	0.18	0.69	0.64	0.44	0.46
<b>Wholesale &amp; Retail etc.</b>	24.81	25.06	18.73	0.31	0.30	0.81	19.90	19.03	19.70	20.41
<b>Hotels &amp; Restaurant Services</b>	8.51	7.96	7.23	28.41	28.14	19.10	7.24	9.02	8.76	7.89
<b>Transport, Storage and Communication</b>	11.90	11.43	6.18	8.18	8.90	7.23	6.76	5.85	5.66	6.60
<b>Financial Intermediation</b>	0.47	1.23	2.10	12.59	10.94	6.63	2.12	1.93	1.95	2.13
<b>Real Estate, Renting &amp; Business Activities</b>	6.42	5.67	4.63	0.20	0.30	2.22	5.74	5.97	6.48	6.79
<b>Public Admin. &amp; Defence; Compulsory Social Securities</b>	2.59	2.85	4.81	5.60	4.93	6.00	4.89	4.72	4.64	5.01
<b>Education</b>	1.06	1.29	6.30	2.55	2.40	5.11	6.63	5.72	5.53	5.78
<b>Health &amp; Social Work</b>	1.56	1.94	2.19	1.12	0.97	6.65	0.28	2.80	2.10	2.69
<b>Other Community, Social &amp; Personal Service Activities</b>	6.39	4.82	4.88	1.29	1.03	3.12	5.15	5.50	5.81	5.67
<b>Private Households with Employed Persons</b>	2.56	3.69	5.59	6.79	6.27	5.38	5.06	5.09	5.18	4.64
<b>Industry Not Specified (Incl. Extra-Territorial Bodies)</b>	0.12	0.10	0.31	3.73	4.07	4.81	0.21	0.26	0.60	0.29
<b>TOTAL</b>	<b>66.8</b>	<b>66.4</b>	<b>63.5</b>	<b>71.5</b>	<b>68.9</b>	<b>67.2</b>	<b>64.7</b>	<b>66.5</b>	<b>66.9</b>	<b>68.4</b>

In terms of employment based on different categories of workers, for the period 2007 to 2016, Jamaica has seen more growth in Professional Workers compared to low skilled workers such Elementary and Craft workers (See Figure 1).

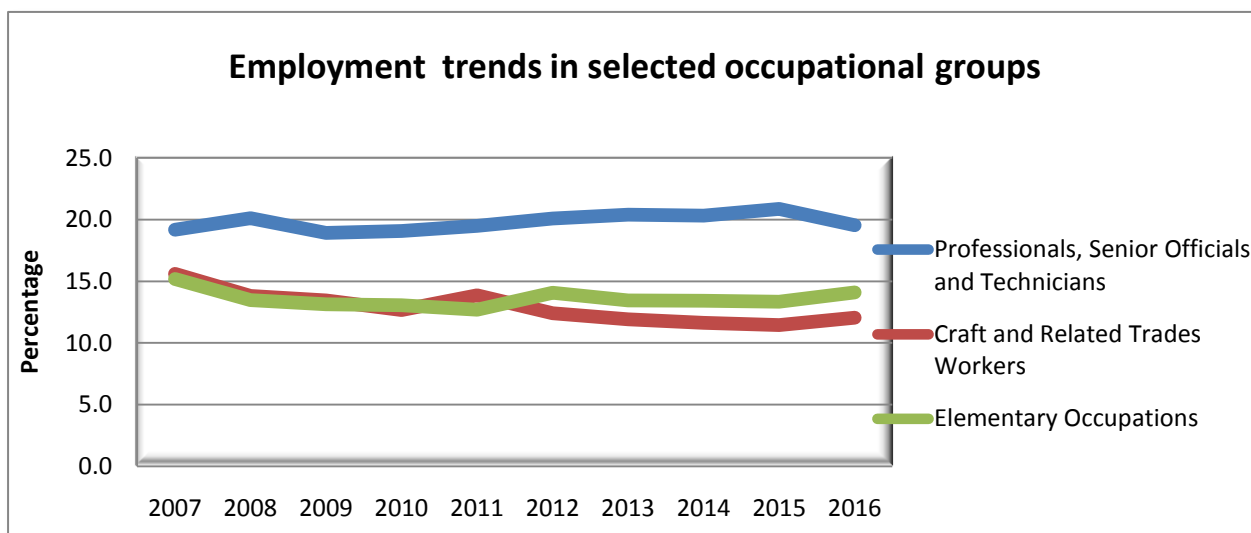


Figure 1

Jamaica has been experiencing expansion in a number of industries including Tourism, Construction, Mining and Business Process Outsourcing (BPO). As a result of the growth in the BPO sector, Service industries relating to IT, Software, Accounting, Finance, Marketing and Customer Management are expected to expand and absorb a substantial number of Professionals. Despite these developments, unemployment although trending downwards<sup>40</sup>, continues to be one of the major issues facing Jamaica. According to the ESSJ (2016), 67.4 per cent of persons in the labour force are uncertified.<sup>41</sup> This has implication for persons to gain employment since there has been a significant increase in demand for certified skills. This view has been articulated by Mahuron (2015) who suggested that today's job market demands increasing skill levels. Many jobs that were once considered low skilled labour now demand semi or mid-skill labour.

The lack of certified skills in the Jamaican labour market is one of the issues being addressed by the MLSS and other Institutions. The MLSS, through various employment programmes and the publication of labour market studies is disseminating relevant information for job seekers to make informed career choices.

<sup>40</sup> As at January 2018, the unemployment rate was 9.6 per cent

<sup>41</sup> Persons that have no formal training/certification

### 3.0 FINDINGS

This section provides a compilation of low skilled jobs in demand which were categorised as Skill Levels I and II in the ISCO 2008 and extracted from the Jamaica Standard Occupational Classification (JSOC). These jobs were verified from different sources which included interviews conducted with important players from various industries. Other sources used to ascertain the demand for low skilled workers include data from Private Employment Agencies, MLSS Overseas Employment Programme and Hot Occupation Analysis. The demand for low skilled workers over the next three years was examined, based on the findings from the National Labour Market Survey (2017).

#### 3.1 Job opportunities for low skilled workers in Jamaica

##### *Low skilled jobs in demand in Jamaica*

Despite the challenges and changes in the global labour market, there is still a demand for low skilled workers in Jamaica. A number of low skilled and related occupations were identified from the Jamaica Standard Occupational Classification. These skills are among Levels I and II of the ISCO 2008. Some of these occupations include Barbers, Domestic Helpers and Cashiers (See Table 2). Table 2 also highlights the low skilled occupations that are considered in demand in Jamaica, based on results from Hot Occupation analysis and National Labour Market Survey 2017.<sup>42</sup>

Table 2  
Low skilled jobs in demand in Jamaica

Low Skilled Occupations in Demand	Industry	Related Jobs
Automotive Spray Painter	Wholesale & Retail Trade; Repair of Motor Vehicles & Motorcycles	Automotive Technician/Industrial Painter/Painter
Barber	Other Service Activities	Hairstylist/Loctician/Nail Technician/Spa Technician
Bartender	Accommodation & Food Service Activities	Brand Sales Rep./Alcohol Merchandiser/Waiter/Waitress

<sup>42</sup> Both reports are produced and published by the Ministry of Labour and Social Security

Low Skilled Occupations in Demand	Industry	Related Jobs
Beach Patrol Officer	Arts , Entertainment & Recreation	Police/Patrol Officer
Beekeeper	Agriculture, Forestry & Fishing	Vendor (Honey) /Crop Farmer/ Animal Care Attendant
Butcher	Manufacturing/ Wholesale & Retail Trade; Repair of Motor Vehicles & Motorcycles	Food Processor/Meat Cutter & Packer/Food Prep. Worker
Cabinet Maker/Furniture Maker	Manufacturing, Construction	Woodworker/Carpenter/ Stonemason/Roofer
Carpenter	Manufacturing, Construction	Woodworker/Cabinet/Furniture Maker
Cashier	Other Service Activities	Teller/Admin. Assistant/Stock Clerk/Customer Service Rep.
Charcoal Burner	Other Service Activities	Forestry Labourer/Logger/Timber Cutter
Civil Engineering Labourer	Professional, Scientific & Technical Activities	Construction/Maintenance/Road & Railway Worker
Cocoa/Coffee Reaper	Agriculture, Forestry & Fishing	Farm Worker/Coffee Farmer
Concrete Block Maker (Machine)	Manufacturing, Construction	Construction Worker
Construction Labourer	Construction	Common Labourer/Maintenance Worker
Contact Centre Information Clerk	Administrative & Support Service Activities	Customer Service Rep./Data Entry/File Clerk
Contact Centre Salesperson	Administrative & Support Service Activities	Office Clerk/Receptionist/Insurance Sales Agent
Cook	Accommodation & Food Service Activities	Food Server/Baker/Caterer
Cosmetologist	Other Service Activities	Nail Technician/Hairdresser/ Masseuse
Crane Operator	Construction	Construction/Maintenance Worker/Pipe Fitter & Layer
Domestic Helper	Activities of Households As Employers; Undifferentiated Goods & Services-Producing Activities of Households for Own Use	Seamstress/Baker/Cook
Drill Operator	Construction/ Mining & Quarrying	Construction/Metal Worker/Welder
Driller	Construction/ Mining & Quarrying	Construction/Metal Worker/Welder

Low Skilled Occupations in Demand	Industry	Related Jobs
Customer Service Representative	Administrative & Support Service Activities	Office/Data Entry Clerk/Cashier
Egg Farmer, Table Eggs	Agriculture, Forestry & Fishing	Poultry Farmer/Dairy Farmer/Farm Worker
Egg Farmer, Fertile Eggs	Agriculture, Forestry & Fishing	Poultry Farmer/Dairy Farmer/Farm Worker
Event Attendant	Administrative & Support Service Activities	Caterer/Valet/Cashier/Advertising/ Public Relations/Usher
Farm Labourer	Agriculture, Forestry & Fishing	Farm Worker/Animal Attendant/Common Labourer
Fast Food Attendant	Accommodation & Food Service Activities	Waiter/Waitress/Cook/Food Server
Fish Vendor	Wholesale & Retail Trade; Repair of Motor Vehicles & Motorcycles	Retail Salesperson/Sales Rep./Merchandiser
Fisherman	Agriculture, Forestry & Fishing	Meat Cutter/Meat Packer/Animal Slaughter
Food Server	Accommodation & Food Service Activities	Waiter/Waitress/Cook/Bartender
Forklift Driver	Construction	Drill Operator/Construction Worker/Pump Operator
Gaming Worker	Arts , Entertainment & Recreation	Financial Clerk/Retail Salesperson/Security Guard
Garbage Collector	Water Supply; Sewerage, Water Management & Remediation Activities	Truck/Taxi/Trailer Driver
Garden Labourer	Activities of Households As Employers	Landscaper/Florist/Common Labourer
Gas Station Attendant	Wholesale & Retail Trade; Repair of Motor Vehicles & Motorcycles	Retail Salesperson/Cashier/Customer Service Rep.
Grave Digger	Construction	Gardeners/ Landscapers'
Hairdresser	Other Service Activities	Cosmetologist/Manicurist/Spa Technician/Barber
Hand Packer	Administrative & Support Service Activities	Production/Warehouse Worker
Hospital Porter	Human Health & Social Work Activities	Dental Assistant/Nurse Aide/Pharmacist
Hotel Housekeeper	Administrative & Support Service Activities	Domestic Worker/Chef/Food Server
Janitor	Administrative & Support Service	Housekeeper/Highway Maintenance

Low Skilled Occupations in Demand	Industry	Related Jobs
	Activities	Worker/Ancillary Worker
Kitchen Assistant	Accommodation & Food Service Activities	Chef/Food Server/Waitress/Waiter
Lifeguard	Arts , Entertainment & Recreation	Police Officer/Security Guard/Recreation Worker/Tour Guide
Loctician	Other Service Activities	Hairstylist/Barber/Nail Technician/Spa Technician
Manicurist/Pedicurist	Other Service Activities	Hairdresser/Barber/Cosmetologist
Meat Cutter/Dresser	Manufacturing	Butcher/Meat Packer/Food Server
Meter Readers	Electricity and Water Supply	Operator, Laboratory Analyst
Phone Accessories Vendor	Wholesale & Retail Trade; Repair of Motor Vehicles & Motorcycles	Retail Salesperson/Sales Rep./Merchandiser
Pipe Fitter/Pipe Layer	Construction/ Mining & Quarrying	Plumber/Crane Operator/Construction Worker/Tiler
Poultry (Chicken) Farmer	Agriculture, Forestry & Fishing	Dairy Farmer/Farm Worker
Pump Specialist	Construction	Construction Worker/Machinist/Forklift Operator
Roofer	Construction	Carpenter/Construction Worker/Drywall & Ceiling Installation
Security Guard	Administrative & Support Service Activities	Police Officer/Detective/Bailiff/Lifeguard
Spa Technician	Other Service Activities	Aesthetician/Spa Manager/Hairdresser
Stock/Inventory Clerk	Administrative & Support Service Activities	Officer/Data Entry Clerk/Cashier/Teller
Stonemason	Construction	Construction Worker/Stone Cutter/Carpenter/Woodworker
Street Food Vendor	Wholesale & Retail Trade; Repair of Motor Vehicles & Motorcycles	Retail Salesperson/Sales Rep.
Street Sweeper	Water Supply; Sewerage, Water Management & Remediation Activities	Maintenance Worker/Janitor/Common Labourer
Taxi Driver	Transport & Storage	Truck/Bus Driver/Security Guard/Shuttle Operator
Tour Guide	Administrative & Support Service Activities	Lifeguard/Translator/Tourism Information Officer/Tour Operator



Low Skilled Occupations in Demand	Industry	Related Jobs
Tourism Information Officer	Administrative & Support Service Activities	Translator/Tour Guide/Cashier/Sales Rep.
Trailer Driver	Transport & Storage	Truck/Bus Driver/Machine Operator/Maintenance Worker
Truck Driver	Transport & Storage	Trailer/Bus Driver/Machine Operator/Maintenance Worker
Vehicle Washer (Hand)	Other Service Activities	Truck/Bus/Trailer Driver/Janitor/Maintenance Worker
Vending Machine Collector	Arts, Entertainment & Recreation	Usher/Customer Service Representative
Tyre Repairer	Wholesale & Retail Trade; Repair of Motor Vehicles & Motorcycles	Automotive Technician/Bus/Truck Driver
Waiter/Waitress	Accommodation & Food Service Activities	Baker/Chef/Bartender/Barista
Washer Woman	Activities of Households As Employers; Undifferentiated Goods & Services-Producing Activities of Households for Own Use	Laundry Attendant/Hotel Housekeeper

### ***National Labour Market Survey (2017)***

Data retrieved from the National Labour Market Survey (2017) identified some low skilled workers which will be in demand over the next three years. The occupations include Janitorial Workers, Clerical Workers and Sales Representatives (See Table 3).

Table 3  
Projected demand for low skilled workers over the next three (3) years

Industry	Types of low skilled occupations
Wholesale & Retail etc.	Janitorial Workers, Customer Service Representatives, Cashiers, Sales Clerks, Store Clerks, Butchers, Meat Cutters, Secretaries, Sales Representatives
Transport, Storage & Communication	Janitorial Workers, Secretaries, Drivers, Office Attendants, Customer Service Representatives
Manufacturing	Labourers, Factory Workers, Customer Service Representatives, Painters, Masons, Carpenters

Industry	Types of low skilled occupations
Construction	Construction Workers, Machine Operators
Hotel and Restaurants	Cooks, Housekeepers, Waiters, Store Clerks, Bakers, Customer Service Representatives, Room Attendants, Gardeners, Booking Agents, Chefs, Janitorial Workers
Electrical, Gas, Water Supply	Sales Clerks, Cashiers
Real Estate, Renting & Organisation Activities	Sales Representatives
Agriculture, Forestry, Fishing, Mining & Quarry	Customer Service Representative, Sales Representatives, Packers, Cashiers

Source: MLSS - National Labour Market Survey (2017)

### ***Private Employment Agencies in Jamaica***

Data was also sought from Private Employment Agencies (PEAs) in Jamaica.<sup>43</sup> A compilation of this information is represented in Table 4. Locally, demand was highest for Domestic, Sales and Clerical Workers. In terms of overseas, demand was highest for Servers, Housekeepers and Dish Washers.

Table 4  
The demand for low skilled workers, locally and overseas extracted from PEAs for the period April to June 2017

Local Vacancies	Total number of jobs	Overseas Vacancies	Total number of Jobs
Domestic Helpers	68	Domestic Helpers	98
Waiters	33	Theme Park Workers	15
Clerical Workers	13	Sales Workers	70
Sales Workers	40	Ride Attendants	60

<sup>43</sup> The MLSS, under the Employment Agencies Regulation Act (EARA) (1956), regulates and monitors private employment agencies island-wide. The Employment Agency department at the MLSS inspects Agencies that are involved in job placements, both locally and overseas.

<b>Local Vacancies</b>	<b>Total number of jobs</b>	<b>Overseas Vacancies</b>	<b>Total number of Jobs</b>
Production Workers	18	Servers	208
		Housekeepers	150
		Dish Washers	100

### ***MLSS Overseas Employment Programme***

The MLSS Overseas Employment Programme showed that a total of 1,646 persons was employed in low skilled jobs in the US Hotel industry in 2017. Over a third of demand was for Housekeepers, followed by Servers and Cooks (See Table 5).

Table 5  
Low skilled workers in demand for the US Hotel Programme in 2017

<b>Types of Workers</b>	<b>Number of workers</b>
Landscapers – Groundsmen/Greenskeepers	106
Dining Room Attendants	78
Housekeepers	563
Servers	325
Cooks	162
Bellmen	17
Convention and Banquet	18
Food preparation workers/Cook Helpers	91
Kitchen Helpers	154
Recreation Attendants	14
Spa Attendants	15
Bartenders	21
Food Preparation Supervisors	9
Housekeeper Supervisors	2

Types of Workers	Number of workers
Laundry Attendants	24
Breakfast Attendants	2
Bakers	2
Front Desk Clerks	35
Porters	8
<b>TOTAL</b>	<b>1,646</b>

MLSS Statistics 2017

### ***The Canadian and US Farm Work Programmes***

Over the years, the workers participated in a variety of farming activities, including planting crops such as shade tobacco and picking cherry, sweet corn, orange, tomatoes and apples. A total of 4,981 persons were recruited for this Programme in 2017, an increase of 15.5 per cent when compared to 2016.

The Canadian Farm and Factory Work Programmes began in 1966 under the Seasonal Agricultural Workers Programme (SAWP), in response to the increasing demand for manpower in the Canadian Agricultural sector. The Programme recruits workers who are engaged in planting fruits and vegetables, greenhouse flowers and vegetables, tobacco as well as working in factories, nurseries and orchards. Data retrieved from the MLSS showed that 9,050 persons were recruited in 2017, an increase of 5.6 per cent when compared to 2016.

### ***List of low skilled occupations in Jamaica***

Table 6 gives a list of the types of low skilled occupations in Jamaica and the types of qualifications needed. This list has been compiled from the list of occupation available in the Jamaica Standard Occupation Classification.

Table 6  
List of low skilled occupations in Jamaica

Occupation	Job Function	JSOC Qualification
<b>Aircraft Cleaner</b>	Cleans the interior and or exterior of aircraft to make them ready for service.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training/Certified training in Aircraft Cleaning</li> </ul>
<b>Ambulance Assistant</b>	Transports non-emergency patients to and from hospital for pre-arranged appointments. Helps patients in and out of the ambulance and take them to their appointment.	<ul style="list-style-type: none"> <li>• Secondary education certification</li> <li>• On-the-job training</li> </ul>
<b>Animal Groomer</b>	Works on animals, cleans their nails and gets the pet as clean and neat looking as possible.	<ul style="list-style-type: none"> <li>• High school certificate</li> </ul>
<b>Animal Trainer</b>	Gets an animal accustomed to human contact in order for it to behave in a certain way and to respond to specific commands.	<ul style="list-style-type: none"> <li>• On-the-job training</li> </ul>
<b>Aquaculture Labourer</b>	Breeds and raises fish and cultivates mussels, oysters and other forms of aquatic life, for sale or delivery on a regular basis to wholesale buyers, marketing organization or at market.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> <li>• On-the-job training</li> </ul>
<b>Automotive Spray Painter</b>	Refinishes motor vehicles by spray painting them, supplementing with hand painting when necessary.	<ul style="list-style-type: none"> <li>• High school certificate and apprenticeship or certified vocational training in Auto Spray Painting and on-the-job training</li> </ul>
<b>Babysitter</b>	Cares for children on behalf of the children's parents or guardians.	<ul style="list-style-type: none"> <li>• Literacy and Numeracy</li> </ul>

Occupation	Job Function	JSOC Qualification
<b>Bailiff</b>	Provides services to the courtroom judge, escort and maintain the jurors/jury pool, and maintain courtroom decorum.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training</li> </ul>
<b>Barber</b>	Cuts and shapes hair and mouthstaches; trim beards and provides other barbering services to clients.	<ul style="list-style-type: none"> <li>• NVQ certificate in Barbering or equivalent from a recognized institution</li> </ul>
<b>Bartender</b>	Mixes and serves drinks to customers, either directly from patrons at the bar, or through waiters and waitresses who place <b>drink orders</b> for dining room customers.	<ul style="list-style-type: none"> <li>• NVQJ Level 2 certificate in Bartending</li> </ul>
<b>Basket Weaver</b>	Weaves straw, rattan or similar materials to make baskets.	<ul style="list-style-type: none"> <li>• No formal education is required</li> </ul>
<b>Bathroom Attendant</b>	Keeps public bathroom clean, tidy and stocked with supplies such as soap tissue and paper towels.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> <li>• On-the-job training</li> </ul>
<b>Beach Patrol Officer</b>	Performs routine foot patrol duties and some level of lifting.	<ul style="list-style-type: none"> <li>• Certification as a Lifeguard</li> </ul>
<b>Beef Cattle Farmer</b>	Raises beef cattle to market weight and usually purchases their cattle as weanlings instead of breeding their own stock.	<ul style="list-style-type: none"> <li>• Literacy and Numeracy</li> </ul>
<b>Beekeeper</b>	Keeps bees in order to collect their honey and other products that the hive produces (including beeswax, propolis, pollen, and royal jelly), to pollinate crops, or to produce bees for sale to other beekeepers.	<ul style="list-style-type: none"> <li>• Certified training in Bee Keeping or on-the-job training</li> </ul>
<b>Blinds Assembler</b>	Puts together the components that make up	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> </ul>

Occupation	Job Function	JSOC Qualification
	blinds, which serves as a screen for a window or a semi-flexible partition for open spaces in buildings.	<ul style="list-style-type: none"> <li>On-the-job training/Training in Blinds Assembly</li> </ul>
<b>Blow Moulding Machine Operator (Plastic Bottles)</b>	Operates machine which uses compressed air to expand hot plastic against the internal surface of a heated two-piece mould to create plastic bottles.	<ul style="list-style-type: none"> <li>High school certificate</li> <li>On-the-job training</li> </ul>
<b>Bodyguard</b>	Provides personal protection for government officials, business executives, celebrities or other individuals who are potentially in danger of personal attacks such as threats, assaults and kidnappings.	<ul style="list-style-type: none"> <li>Secondary Education Certificate</li> </ul>
<b>Boiler Operator</b>	Controls specialized systems that generate heat or electricity in industrial or power plant, warehouses and other buildings, as well as on vessels at sea.	<ul style="list-style-type: none"> <li>On-the-job training in boiler operating procedures and safety measures</li> </ul>
<b>Building Caretaker/Handyman</b>	Looks after assets, individuals, or properties at the request of an employer.	<ul style="list-style-type: none"> <li>Primary Level or higher level education</li> </ul>
<b>Building Painter</b>	Paints building walls and other structural surfaces, such as fences, bridges etc.	<ul style="list-style-type: none"> <li>Certified training in Panting or apprenticeship/ on-the-job training</li> </ul>
<b>Building Structure Cleaner</b>	Cleans the exterior of buildings.	<ul style="list-style-type: none"> <li>High school certificate</li> </ul>
<b>Bus Conductor</b>	Collects fares, checks tickets from passengers and ensure their safety and comfort in buses.	<ul style="list-style-type: none"> <li>On-the-job training</li> <li>No formal training or education required</li> </ul>
<b>Bus Driver</b>	Uses a bus to transport passengers from one location to another	<ul style="list-style-type: none"> <li>High school certificate</li> <li>On-the-job training</li> </ul>

Occupation	Job Function	JSOC Qualification
<b>Bus Loader</b>	Directs potential passengers towards buses scheduled for specific destination and ensures the vehicle are loaded or partially loaded with passengers prior to departure.	<ul style="list-style-type: none"> <li>• No formal education required</li> </ul>
<b>Butcher</b>	Slaughters, cuts, dress animals for human consumption.	<ul style="list-style-type: none"> <li>• Vocational training in Butchery and on-the-job training</li> </ul>
<b>Butler</b>	Receives and announces guests, supervises and coordinate activities of household employees engaged in cooking, cleaning and related domestic duties.	<ul style="list-style-type: none"> <li>• Training in Food and Beverage Service (Butler service)</li> <li>• Work experience in a related field</li> </ul>
<b>Butter Maker</b>	Processes cream to produce butter.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training</li> </ul>
<b>Cabinet Maker/Furniture Maker</b>	Builds and repairs wooden cabinet, furniture, fixture and related products.	<ul style="list-style-type: none"> <li>• Vocational training in Furniture Making, woodwork or cabinet making</li> </ul>
<b>Cambio Teller</b>	Exchanges currencies of equivalent value with customers of a cambio.	<ul style="list-style-type: none"> <li>• O'Level passes in English Language, Mathematics</li> <li>• On-the-job training</li> </ul>
<b>Camp Warden</b>	Supervises housekeeping activities at camp site and ensures the proper functioning of equipment and the smooth running of camp activities.	<ul style="list-style-type: none"> <li>• Certificate/Diploma in Management or related field</li> </ul>
<b>Cane Cutter</b>	Cuts mature sugarcane for processing.	<ul style="list-style-type: none"> <li>• No formal education is required</li> </ul>
<b>Carpenter</b>	Constructs, erects, installs, maintains and repairs entire structures and components of structure made of wood and wood substitutes, using carpentry hand tools and	<ul style="list-style-type: none"> <li>• Certified vocational training in Carpentry or on-the-job training</li> </ul>



Occupation	Job Function	JSOC Qualification
	power tools.	
<b>Carpet Layer</b>	Installs carpets in residential and commercial buildings.	<ul style="list-style-type: none"> <li>• Certified vocational training in Carpet Installation/Fitting or apprenticeship</li> </ul>
<b>Carpet/Rug Cleaner</b>	Cleans carpet/rug cleaner using appropriate cleaning agents, equipment and techniques.	<ul style="list-style-type: none"> <li>• Literacy</li> <li>• On-the-job training</li> </ul>
<b>Cashier</b>	Operates cash registers, price scanners and other related computer equipment to record and accept payment for the purchase of goods and services as well as disbursing money.	<ul style="list-style-type: none"> <li>• Secondary school education</li> <li>• On-the-job training</li> </ul>
<b>Cement Mixer (Machine)</b>	Operates machine that combine and mix water, cement, aggregate, and possible additives and reinforcement to produce concrete for various construction applications.	<ul style="list-style-type: none"> <li>• Secondary school certificate</li> <li>• On-the-job training</li> </ul>
<b>Charcoal Burner</b>	Burns wood to produce charcoal as a source of fuel.	<ul style="list-style-type: none"> <li>• No formal Education is required</li> </ul>
<b>Chauffeur</b>	Provides personalized transportation services to clients using a private or hired vehicle taking them to and from business.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training</li> </ul>
<b>Check-In-Attendant</b>	Checks passengers travel document, weighs their luggage and provides them with flight information.	<ul style="list-style-type: none"> <li>• O'Level passes in five subjects, including English Language and Mathematics</li> <li>• On-the-job training</li> </ul>
<b>Civil Engineering Labourer</b>	Performs various tasks to assist professional, associate professionals and technicians in building and maintaining roads, railways,	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training/Certified vocational training</li> </ul>

Occupation	Job Function	JSOC Qualification
	dams and other civil engineering projects.	in relevant field of work, such as Construction
<b>Cocoa/Coffee Reaper</b>	Picks ripe cocoa beans or coffee cherries and packs them into containers for removal to a processing site.	<ul style="list-style-type: none"> <li>• No formal education is required</li> <li>• On-the-job training</li> </ul>
<b>Compounder (Juice)</b>	Mix/Combine certain ingredients (fruits) in the manufacturing process	<ul style="list-style-type: none"> <li>• No formal education is required</li> <li>• On-the-job training</li> </ul>
<b>Concierge</b>	Provides guests with information and advice about services and the location of restaurants, gift shops, and business centre or refer people to other services.	<ul style="list-style-type: none"> <li>• Certified training in Hospitality Operations or on-the-job experience in the hotel industry or related customer service field</li> </ul>
<b>Concrete Block Maker (Machine)</b>	Operates and maintains single- process machines that can cast concrete blocks.	<ul style="list-style-type: none"> <li>• On-the-job training</li> </ul>
<b>Construction Labourer</b>	Performs various tasks to assist professional, associate professionals and technicians in building construction.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> <li>• On-the-job training</li> </ul>
<b>Contact Centre Information Clerk</b>	Receives and makes telephone calls on behalf of an organization in order to address customer's need in relation to products/services offered by the organization.	<ul style="list-style-type: none"> <li>• Secondary level education and basic computer skills</li> <li>• On-the-job training</li> </ul>
<b>Contact Centre Salesperson</b>	Contacts existing and prospective customers, using the telephone to promote goods and services, obtain sales and arrange sales visits.	<ul style="list-style-type: none"> <li>• Secondary Education</li> </ul>
<b>Cook</b>	Prepares and cooks meals in hotels, restaurant, private households and eating	<ul style="list-style-type: none"> <li>• NVQ Certification in Food and Nutrition or Food Catering</li> </ul>

Occupation	Job Function	JSOC Qualification
	establishments.	<ul style="list-style-type: none"> <li>from a recognized institution</li> <li>On-the-job training or previous work experience in a restaurant or large kitchen</li> </ul>
<b>Copying Clerk</b>	Processes documents and prepare rooms for meetings and seminars.	<ul style="list-style-type: none"> <li>Literacy and Numeracy</li> </ul>
<b>Correctional Officer</b>	Supervises, maintains care and custody of inmates in juvenile correction, penal rehabilitative institution in accordance with established regulations and procedures.	<ul style="list-style-type: none"> <li>Secondary education ( A minimum of four GCE 'O' Levels including English Language and Mathematics)</li> </ul>
<b>Cosmetologist</b>	Renders various forms of beauty treatments and apply cosmetics to the hair, skin and nails.	<ul style="list-style-type: none"> <li>NVQ certificate/diploma in Cosmetology from a recognized institution</li> </ul>
<b>Costume Jeweller</b>	Designs, makes and repairs jewellery using various inexpensive materials or imitation gems.	<ul style="list-style-type: none"> <li>No formal education is required</li> </ul>
<b>Crane Operator</b>	Uses a mobile or stationary crane with hoisting attachments and mechanizes to lift, move and position heavy loads.	<ul style="list-style-type: none"> <li>Certified Crane Operator's Training</li> </ul>
<b>Cremator</b>	Tends the retort furnace that cremates human bodies and prepares certificates of cremation.	<ul style="list-style-type: none"> <li>Apprenticeship for 1 year to a qualified Cremator</li> </ul>
<b>Crossing guard</b>	Guides and controls vehicular and pedestrian traffic at designated locations, such as schools, street railroad crossings and construction sites.	<ul style="list-style-type: none"> <li>Literacy and Numeracy</li> <li>On-the-Job training</li> </ul>

Occupation	Job Function	JSOC Qualification
<b>Croupier</b>	Ensures that patrons/players are adequately informed of the gaming rules and procedures. Assists in the conduct of the game, especially in the distribution of betting tokens and payouts.	<ul style="list-style-type: none"> <li>• O'Level passes in English Language and Mathematics</li> <li>• Certified training in Game/Casino Dealing or on-the-job training</li> </ul>
<b>Customer Service Representative</b>	Interacts with customers to provide information in response to inquiries about products and services and to address unresolved complaints.	<ul style="list-style-type: none"> <li>• O'Level passes in five subjects, including English language and Mathematics</li> <li>• On-the-job training</li> </ul>
<b>Dairy Farmer</b>	Plans, organizes, performs and monitor farming operations to bred cattle for producing and supplying milk to the industry.	<ul style="list-style-type: none"> <li>• Literacy and Numeracy</li> </ul>
<b>Dairy Products Machine Operator</b>	Operates machine that pasteurize milk or process and package dairy products, such as cheese, ice-cream, butter, non-fat dry milk and condensed milk.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training</li> </ul>
<b>Day Care Worker</b>	Provides care and supervision for infant and young children in-before and after school programme, day care centres and nurseries.	<ul style="list-style-type: none"> <li>• Secondary Education</li> <li>• NVQ in Early Childhood Education</li> </ul>
<b>Debt Collector</b>	Helps companies recover monies owed to them by contacting debts with arrears, negotiating arrangement to settle their accounts and following up until payments are made.	<ul style="list-style-type: none"> <li>• High school certificate and experience in the field or certificate training in Business Administration</li> <li>• On-the-job training</li> </ul>
<b>Decorative wall and ceiling finisher</b>	Uses various coverings to protect and enhance walls and ceilings.	<ul style="list-style-type: none"> <li>• High school certificate and apprenticeship/on-the-job training</li> </ul>
<b>Demolition</b>	Carries out tasks to demolish	<ul style="list-style-type: none"> <li>• On-the-job training</li> </ul>

Occupation	Job Function	JSOC Qualification
<b>Worker</b>	or dismantle old and derelict buildings or other structures.	
<b>District Constable</b>	Assists the police with maintenance of law and order. Patrols to minimize the incident of crime.	<ul style="list-style-type: none"> <li>• Secondary Education</li> </ul>
<b>Dog Breeder</b>	Mates selected dogs with the intent to produce off springs with specific qualities and characteristic in order to supply companion animals, breeding stock, show dogs, etc.	<ul style="list-style-type: none"> <li>• On-the-job Experience</li> </ul>
<b>Domestic Helper</b>	Performs domestic chores including cleaning, cooking and laundering among others.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> </ul>
<b>Domestic Housekeepers</b>	Organizes and maintains a clean, sanitary, comfortable and tidy environment for private households.	<ul style="list-style-type: none"> <li>• On-the-job training</li> </ul>
<b>Donkey/Dray Cart Driver</b>	Operates vehicles that are animal drawn (usually by donkeys or mules) to transport goods to passengers from one place to another.	<ul style="list-style-type: none"> <li>• No formal education required</li> <li>• Apprenticeship</li> </ul>
<b>Door to Door Sales Representative</b>	Demonstrates and sells goods and services and solicit business for Establishments by approaching or visiting potential customers, usually residents in private homes, by going door to door.	<ul style="list-style-type: none"> <li>• Secondary Education</li> </ul>
<b>Drill Operator</b>	Sets up and operates various drilling machines and supporting equipment to bore holes for mining and quarrying operations such as blasting explosives and	<ul style="list-style-type: none"> <li>• Secondary school certificate</li> </ul>

Occupation	Job Function	JSOC Qualification
	extracting samples of soil and ore.	
<b>Driller</b>	Operates a variety of drills such as rotary, churn and pneumatic drills to tap to sub-surface water or mineral deposits to remove core samples during mineral exploration, or soil testing.	<ul style="list-style-type: none"> <li>• Secondary school certificate</li> <li>• On-the-job training</li> </ul>
<b>Driving Instructor</b>	Teaches individuals the requisite driving techniques, road safety rules and motor vehicle mechanics required for obtaining a drivers license.	<ul style="list-style-type: none"> <li>• Must possess a valid general driver's license</li> </ul>
<b>Dry Cleaner</b>	Cleans garments, household linen or other items of fabric by hand, using organic solvents and not water.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> <li>• On-the-job training</li> </ul>
<b>Dry Cleaning Operator (Machine)</b>	Uses machines to clean garments, household linen or other items of fabric with solvents other than water.	<ul style="list-style-type: none"> <li>• On-the-job training</li> </ul>
<b>Dry Goods Vendor</b>	Sells and supplies an assortment of dry goods to individuals or organization from street or market stalls.	<ul style="list-style-type: none"> <li>• Numeracy Skills</li> </ul>
<b>Drywall Installer</b>	Hangs drywall, plasters boards or wallboard onto wall frames or frames for other partition in a building.	<ul style="list-style-type: none"> <li>• High school certificate and on-the-job training</li> </ul>
<b>Editor/Coder</b>	Checks for and corrects errors and assign codes to the data/information contained in paper documents and/or electronic files, using coding manuals.	<ul style="list-style-type: none"> <li>• O'Level passes in English Language and Mathematics</li> <li>• On-the-job training</li> </ul>
<b>Egg Farmer Table Eggs</b>	Raises hens to produce eggs for food.	<ul style="list-style-type: none"> <li>• Literacy and Numeracy</li> </ul>
<b>Egg Farmer, Fertile Eggs</b>	Rears poultry breeding stock to produce chicks.	<ul style="list-style-type: none"> <li>• Literacy and Numeracy</li> </ul>
<b>Elevator</b>	Installs and maintains	<ul style="list-style-type: none"> <li>• High school</li> </ul>

Occupation	Job Function	JSOC Qualification
<b>Technician/ Elevator Erector/ Installer</b>	elevator.	certificate and apprenticeship <ul style="list-style-type: none"> <li>• On-the-job training</li> </ul>
<b>Engraver</b>	Creates pattern in printing plates.	<ul style="list-style-type: none"> <li>• High school certificate</li> </ul>
<b>Etcher</b>	Cuts and etches pattern and artistic designs into articles of glass.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training/Apprenticeship</li> </ul>
<b>Event Attendant</b>	Assists patrons at entertainment and sporting events.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> <li>• On-the-job training</li> </ul>
<b>Excavator Operator</b>	Manoeuvres heavy duty machinery to excavate, move, load and level loose material, such as earth, ore, debris etc.	<ul style="list-style-type: none"> <li>• Secondary school certificate</li> </ul>
<b>Fabric Bleaching Machine Operator</b>	Operates machine to bleach yarn and fabric.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training</li> </ul>
<b>Farm Labourer</b>	Provides support to crop farmers by assisting them with cultivating, harvesting and preparing crops for market.	<ul style="list-style-type: none"> <li>• No formal education is required</li> <li>• On-the-job training/Experience in the field</li> </ul>
<b>Fast Food attendant</b>	Organizes and prepares assembly-line style food, processing order, collecting payments, assembling and delivering foods orders to customers.	<ul style="list-style-type: none"> <li>• Basic competence in Mathematics and English</li> <li>• On-the-job training</li> </ul>
<b>Ferryboat Conductor</b>	Assists in the operation of ferryboat to transport passengers, motor vehicle and freight across rivers and other bodies of water.	<ul style="list-style-type: none"> <li>• Diploma in International Shipping and Logistics</li> </ul>
<b>Filing Clerk</b>	Creates and/or maintains efficient filing systems by organizing a collection of documents alphabetically,	<ul style="list-style-type: none"> <li>• High school certificate</li> </ul>

Occupation	Job Function	JSOC Qualification
	numerically, by subject or other basis of arrangement.	
<b>Filling and packing Machine Operator</b>	Controls machines to prepare industrial or consumer products for storage, shipment or sale.	<ul style="list-style-type: none"> <li>• High school certificate</li> </ul>
<b>Financial Institution Teller</b>	Conducts cheques and cash transactions, or refer clients to appropriate departments for other kinds of transaction or related services offered by the financial institution.	<ul style="list-style-type: none"> <li>• O'Level passes in English Language, Mathematics and three other subjects</li> </ul>
<b>Fire Fighter</b>	Controls and extinguishes fire to protect lives and property and assists in disaster and emergency relief operations.	<ul style="list-style-type: none"> <li>• Secondary education ( A minimum of four GCE 'O' Levels including English Language and Mathematics)</li> </ul>
<b>First Aid Attendant</b>	Renders emergency first aid and treatment to sick or injured persons.	<ul style="list-style-type: none"> <li>• Certificate in First Aid delivery</li> </ul>
<b>Fish Scaler</b>	Uses hand tools and cutting instruments to scale and clean fish.	<ul style="list-style-type: none"> <li>• No formal education is required</li> </ul>
<b>Fish Vendor</b>	Sources, prepares and sells fish, shellfish and related products.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> </ul>
<b>Fisherman</b>	Catches or gathers fish or shellfish in inland or coastal waters, using fishing nets/rods/gun/traps or other equipment for sale to wholesale buyers, marketing organizations or at markets.	<ul style="list-style-type: none"> <li>• Literacy and Numeracy</li> </ul>
<b>Flight Attendant</b>	Renders personalized cabin service to aircraft passengers and ensure that safety regulations are adhered to on the aircraft.	<ul style="list-style-type: none"> <li>• Secondary Education including English Language and Mathematics</li> <li>• Training as a Flight Attendant</li> </ul>



Occupation	Job Function	JSOC Qualification
<b>Florist</b>	Cuts and arranges live, dried or artificial flowers and foliage.	<ul style="list-style-type: none"> <li>Literacy and numeracy</li> </ul>
<b>Flyer Distributor</b>	Hands out flyers to promote products, events, services, places or people.	<ul style="list-style-type: none"> <li>No formal education is required</li> <li>On-the-job training</li> </ul>
<b>Food Preparation Assistant</b> <b>Food Server</b>	Prepares and cooks to order small variety of pre-cooked food or beverages. Serves food to patrons outside of a restaurant environment such as in hotels, hospital, rooms or cars.	<ul style="list-style-type: none"> <li>HEART/NTA Level I</li> <li>Secondary Education</li> <li>On-the-job training</li> </ul>
<b>Forestry Labourer</b>	Performs simple and routine tasks to cultivate and maintain natural and plantation forest; including logging felling and sawing trees.	<ul style="list-style-type: none"> <li>High school certificate</li> <li>On-the-job training/Certified completion of pre-employment safety courses</li> </ul>
<b>Forklift Driver</b> <b>Freight Handler</b>	Operates a forklift to lift and move materials, goods containers in a factory warehouse or other depot. Carry out tasks such as packing, carrying, loading and unloading furniture and other household items.	<ul style="list-style-type: none"> <li>Literacy and numeracy</li> <li>On-the-job training/apprenticeship</li> <li>On-the-job training/apprenticeship</li> </ul>
<b>Funeral Attendant</b>	Assists with the preparation and delivery of bodies to church and performs a variety of tasks during the funeral and interment.	<ul style="list-style-type: none"> <li>On-the-job training</li> </ul>
<b>Fur and Leather Preparing Machine Operator</b>	Operates machine to prepare fur or leather for use in manufacturing of fur or leather articles.	<ul style="list-style-type: none"> <li>On-the-job training</li> </ul>
<b>Furniture Assembler</b>	Puts together various prefabricated wooden,	<ul style="list-style-type: none"> <li>Literacy and Numeracy</li> </ul>

Occupation	Job Function	JSOC Qualification
	metallic, wicker, plastic and other types of components to make finished furniture.	<ul style="list-style-type: none"> <li>On-the-job training</li> </ul>
<b>Gaming Worker</b>	Provides gaming services to gamblers by working as a part of a team of dealers in a casino or other gaming establishments.	<ul style="list-style-type: none"> <li>O'Level passes in English Language and Mathematics</li> <li>Certified training in Game/Casino Dealing or on-the-job training</li> </ul>
<b>Garbage Collector</b>	Performs, collects and removes rubbish from streets, residential neighbourhood, public parks, and commercial areas.	<ul style="list-style-type: none"> <li>No formal education is required</li> <li>On-the-job training</li> </ul>
<b>Garden Labourer</b>	Assists gardeners in maintaining public and private gardens and other green spaces.	<ul style="list-style-type: none"> <li>Literacy and Numeracy</li> </ul>
<b>Garment Cutter</b>	Cuts garment pieces according to garment patterns in preparation for clothing production.	<ul style="list-style-type: none"> <li>High school certificate</li> <li>On-the-job training</li> </ul>
<b>Gas Station Attendant</b>	Refuels motor vehicles services automobiles, sells lubricants and other auto accessories.	<ul style="list-style-type: none"> <li>Secondary Education</li> </ul>
<b>Glass and Ceramics Plant Operator</b>	Operates and monitors kilns, furnaces, and or other plant machinery and equipment to produce glass, glasswares, ceramics, porcelain, tiles, paving blocks and bricks.	<ul style="list-style-type: none"> <li>High school certificate</li> </ul>
<b>Glass Cutter</b>	Measures, cuts, fits, installs and replaces flat glass and mirrors in residential and commercial buildings.	<ul style="list-style-type: none"> <li>High School certificate</li> <li>Apprenticeship</li> </ul>
<b>Glass Maker</b>	Cuts, trims, grinds and polishes according to work order specifications.	<ul style="list-style-type: none"> <li>No formal education is required</li> </ul>
<b>Goat Farmer</b>	Plans, organises, performs	<ul style="list-style-type: none"> <li>Literacy and</li> </ul>

Occupation	Job Function	JSOC Qualification
	and monitors farming operations to breed goats for meat, milk, breeding stock and hide/hair.	Numeracy
<b>Golf Caddie</b>	Assists golfers by carrying golf bags and handing golfers their golf clubs among other things.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> <li>• Formal training or apprenticeship</li> </ul>
<b>Grain Mill Products Machine Operator</b>	Operates machine that process grains, including corn and rice, into food products, such as flour cereal or animal feed.	<ul style="list-style-type: none"> <li>• On-the-job training</li> </ul>
<b>Grave Digger</b>	Prepares grave for funeral service.	<ul style="list-style-type: none"> <li>• No specific qualification necessary</li> </ul>
<b>Hairdresser</b>	Provides beauty services such as massaging shampooing, and treating the scalp- cutting, colouring, styling, braiding, weaving of hair.	<ul style="list-style-type: none"> <li>• NVQ certificate in Hairdressing from a recognized institution</li> </ul>
<b>Hand Embroider</b>	Creates artistic designs on fabric by hand using needles, threads and beads.	<ul style="list-style-type: none"> <li>• No formal education level</li> <li>• Apprenticeship in embroidering by hand</li> </ul>
<b>Hand Packer</b>	Inspects and packages various products and materials by hand.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> </ul>
<b>Handcart Man</b>	Propels handcart to transport goods/and or passengers from one location to another.	<ul style="list-style-type: none"> <li>• No formal education required</li> </ul>
<b>Handicraft Worker, Leather Goods</b>	Uses leather to make various products.	<ul style="list-style-type: none"> <li>• No formal education is required</li> </ul>
<b>Head Waiter</b>	Supervises and co-ordinates the activities of waiters and waitress to ensure courteous and efficient service to diners.	<ul style="list-style-type: none"> <li>• Secondary school certificate</li> <li>• Work experience as a Waiter</li> </ul>

Occupation	Job Function	JSOC Qualification
<b>Horticulturist</b>	Plans, organizes and performs operations to cultivate and maintain ornamental plants, as well as fruits and vegetables in a garden.	<ul style="list-style-type: none"> <li>• Certified post-secondary training in Horticulture , Agriculture or related field</li> </ul>
<b>Hospital Porter</b>	Assists medical personnel in hospitals or other medical facilities to provide care for patients.	<ul style="list-style-type: none"> <li>• Completed secondary education</li> </ul>
<b>Host/Hostess</b>	Renders a variety of personal services at nightclubs, restaurants, and other entertainment events.	<ul style="list-style-type: none"> <li>• CXC subjects including English Language</li> </ul>
<b>Hotel Front Desk Clerk</b>	Represents a hotel's service commitment to those who visit or make contact by other means, such as telephone fax etc.	<ul style="list-style-type: none"> <li>• Certified training in Hospitality/Hotel Front Desk Operations or O'Level passes in English Language and Mathematics and on-the-job experience in the hotel industry or related customer service field</li> </ul>
<b>Hotel Housekeeper</b>	Cleans a hotel's accommodation facilities as well as other areas of the establishment, and replenishes supplies as necessary.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training/Certified training in Hotel Housekeeping</li> </ul>
<b>House Builder</b>	Constructs and repairs houses, using either traditional or modern techniques or material.	<ul style="list-style-type: none"> <li>• Certified vocational training in Construction and on-the-job training or apprenticeship</li> </ul>
<b>Housemother/ Housefather</b>	Oversees and co-ordinate the daily house activities and ensures the safety and well-being of children in a dormitory programme or a	<ul style="list-style-type: none"> <li>• Certificate/Diploma in Child and Adolescent Development</li> </ul>

Occupation	Job Function	JSOC Qualification
	group residential facility.	
<b>Hustler</b>	Provides a variety of services on the street, as well as near the premises of business establishments or other institutions.	<ul style="list-style-type: none"> <li>• No formal education is require</li> </ul>
<b>Industrial Compressor Operator</b>	Operates and maintains equipment that uses air/gas under pressure to power machines used in mining quarrying.	<ul style="list-style-type: none"> <li>• Secondary school certificate</li> <li>• On-the-job training</li> </ul>
<b>Innkeeper</b>	Operates and oversees the daily operations of an inn, guesthouse, motel or similar small accommodations businesses, by providing overnight stay/sleeping accommodations and breakfast for guests.	<ul style="list-style-type: none"> <li>• 5 CSEC subjects including English Language and Mathematics or equivalent qualification in related areas</li> </ul>
<b>Inspector of Postmen</b>	Co-ordinates the activities of postal workers to ensure prompt processing of safe delivery of mail.	<ul style="list-style-type: none"> <li>• O'Level passes in two subjects or more, including English language and Mathematics</li> <li>• On-the-job training/experience in the field of work</li> </ul>
<b>Insulation Worker</b>	Installs and repairs insulation materials into buildings or mechanical systems or unto equipment.	<ul style="list-style-type: none"> <li>• Training in Heating, Ventilation and Air Conditioning</li> </ul>
<b>Insurance Clerk</b>	Provides administrative and clerical support in the delivery of various types of insurance services.	<ul style="list-style-type: none"> <li>• O'Level passes in five subjects, including English language and Mathematics</li> <li>• On-the-job-training</li> </ul>
<b>Interviewer</b>	Gathers data by administering questionnaires/interview schedules to people in various ways, such as face-	<ul style="list-style-type: none"> <li>• O'Level passes in five subjects, including English language and Mathematics</li> </ul>

Occupation	Job Function	JSOC Qualification
	to-face, telephone, or computer assisted personal interviewing.	<ul style="list-style-type: none"> <li>On-the-job training</li> </ul>
<b>Investment Clerk</b>	Provides administrative and clerical support by compiling and maintaining records of transaction pertaining to securities and investments.	<ul style="list-style-type: none"> <li>O'Level passes in five subjects, including English language and Mathematics</li> <li>On-the-job-training</li> </ul>
<b>Jackhammer Operator</b>	Uses a jackhammer to break concrete, pavement or rocks in civil works or mining and quarrying operations.	<ul style="list-style-type: none"> <li>Literacy and numeracy</li> <li>Training through apprenticeship</li> </ul>
<b>Janitor</b>	Keeps building in a clean and orderly manner.	<ul style="list-style-type: none"> <li>Literacy and numeracy</li> <li>On-the-job training</li> </ul>
<b>Janitorial Supervisor</b>	Organizes, supervises and coordinates the cleaning and maintenance of commercial or industrial institutions such as hospitals, schools, offices, and other establishments.	<ul style="list-style-type: none"> <li>NVQ in Housekeeping Supervision</li> </ul>
<b>Jeweller, Precious Metal</b>	Uses precious metals and alloys to make modify or repair jewellery.	<ul style="list-style-type: none"> <li>High school certificate and apprenticeship/on-the-job training</li> </ul>
<b>Kitchen Assistant</b>	Helps with the operation of the kitchen, hotel, restaurant or other eatery.	<ul style="list-style-type: none"> <li>Certified vocational training in Commercial Food Preparation</li> <li>On-the-job training</li> </ul>
<b>Kitchen Helper</b>	Clears tables, cleans kitchen areas, washes dishes, prepares ingredients and performs other duties.	<ul style="list-style-type: none"> <li>HEART Trust/NTA Level I</li> <li>On-the-job training</li> </ul>
<b>Labour Relations Clerk</b>	Provides clerical support to a labour relations unit.	<ul style="list-style-type: none"> <li>Certified training in labour relations administration or experience in the</li> </ul>

Occupation	Job Function	JSOC Qualification
		<ul style="list-style-type: none"> <li>field</li> <li>On-the-job training</li> </ul>
<b>Landscape Gardener</b>	Creates functional beautiful and relaxing gardens on the grounds of a residential, commercial and recreational property.	<ul style="list-style-type: none"> <li>Vocational certification in Landscaping</li> </ul>
<b>Laundry Presser (machine)</b>	Irons garments or soft furnishings and other items of fabric, using commercial ironing machines.	<ul style="list-style-type: none"> <li>On-the-job training and working knowledge of how various fabrics responds to heat</li> </ul>
<b>Leather Maker</b>	Uses treated animal skins to make leather stock.	<ul style="list-style-type: none"> <li>High school certificate</li> <li>On-the-job training</li> </ul>
<b>Library Clerk</b>	Helps library users locate the information sources or services they need.	<ul style="list-style-type: none"> <li>O'Level passes in five subjects or equivalent, including English language and Mathematics</li> </ul>
<b>Lifeguard</b>	Monitors the activities of swimmers and non-swimmers within designated swimming areas.	<ul style="list-style-type: none"> <li>Secondary Level Education</li> </ul>
<b>Lineman</b>	Installs, maintains and repairs overhead and underground electrical power transmission and distribution system.	<ul style="list-style-type: none"> <li>Vocational training in Electrical Installation and on-the-job training</li> </ul>
<b>Liquor, Juice and Drink Processing Machine Operator</b>	Operates a machine that mix press and ferment grains and fruits to make malt liquors, wine and other alcoholic or non-alcoholic wines.	<ul style="list-style-type: none"> <li>High school certificate</li> <li>On-the-job training</li> </ul>
<b>Lithographer</b>	Transfers texts and images onto metal plates, with or without the aid of computer.	<ul style="list-style-type: none"> <li>High school certificate and apprenticeship</li> </ul>
<b>Livestock Farm Labourer</b>	Provides support for farmers of livestock and/or poultry by assisting them with	<ul style="list-style-type: none"> <li>No formal education is required</li> </ul>

Occupation	Job Function	JSOC Qualification
	feeding and raising their animals.	<ul style="list-style-type: none"> <li>On-the-job training/Experience in the field</li> </ul>
<b>Locksmith</b>	Installs, maintains, fixes, fits and opens locks and lock parts.	<ul style="list-style-type: none"> <li>High school certificate and apprenticeship</li> </ul>
<b>Luggage Porter</b>	Greets a hotel guest and provides an array of services to help them settle in.	<ul style="list-style-type: none"> <li>High school certificate</li> <li>On-the-job training</li> </ul>
<b>Loctician</b>	Specializes in dreadlock care, maintenance, and style.	<ul style="list-style-type: none"> <li>Certification/On-the-job Training/ Experience</li> </ul>
<b>Mail Inspector</b>	Performs routine inspections of mail to ensure to compliance to established regulations regarding the handling of mail.	<ul style="list-style-type: none"> <li>O'Level passes in two subjects or more, including English language and Mathematics</li> <li>On-the-job training</li> </ul>
<b>Mail Officer</b>	Facilitates service delivery in a post office.	<ul style="list-style-type: none"> <li>O'Level passes in four subjects, including English language and Mathematics</li> <li>On-the-job training</li> </ul>
<b>Make-up Artist</b>	Interprets the make-up requirement of clients to produce both a creative and technically accurate visual presentation.	<ul style="list-style-type: none"> <li>Vocational certification and related on-the-job experience</li> </ul>
<b>Manicurist/ Pedicurist</b>	Cleans and grooms hands, feet and nails to improve their appearance.	<ul style="list-style-type: none"> <li>NVQ certification levels in Nail Technology</li> </ul>
<b>Market Vendor</b>	Sells farm produce (including fruits, vegetables and cut flowers) and other food from stalls within markets and arcade.	<ul style="list-style-type: none"> <li>Literacy and numeracy</li> </ul>
<b>Mason</b>	Works with concrete by cutting, dressing, and laying stones and blocks to construct buildings.	<ul style="list-style-type: none"> <li>Certified vocational training in General Construction or apprenticeship</li> </ul>



Occupation	Job Function	JSOC Qualification
<b>Mattress Maker</b>	Pads and covers innerspring assemblies to make mattress.	<ul style="list-style-type: none"> <li>• Training in Mattress Making and Apprenticeship</li> </ul>
<b>Meat and Fish Products Machine Operator</b>	Uses machine to perform routine cutting and trimming of meat, poultry and seafood.	<ul style="list-style-type: none"> <li>• On-the-job training</li> </ul>
<b>Meat Cutter/Dresser</b>	Cuts and dresses meat for food preparation or for sale.	<ul style="list-style-type: none"> <li>• High school certificate and on-the-job training</li> </ul>
<b>Merchandiser</b>	Organizes products in stores so that they appear at the right time, in the right place and in right quantities to maximize their profitability.	<ul style="list-style-type: none"> <li>• High school certificate and on-the-job training/Experience in the related field of work.</li> </ul>
<b>Messenger</b>	Carries and delivers messages, documents and packages between offices or departments.	<ul style="list-style-type: none"> <li>• No formal education is required</li> </ul>
<b>Metal Processing Plant Operator</b>	Operates and maintains machinery and equipment to process mineral ores to extract concentrated minerals prepared for shipment or converted to a final form	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training</li> </ul>
<b>Meter Reader</b>	Reads water or electricity consumption meters and records readings on behalf a utility company.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training</li> </ul>
<b>Mill Operator (Paint Company)</b>	Operates machine to grind paints ingredients and mix and blend colour pigments in paint production according to various specifications.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• Apprenticeship or on-the-job training</li> </ul>
<b>Milliner/Hatter</b>	Makes custom made hats or alters existing hats for clients, based on their request.	<ul style="list-style-type: none"> <li>• Certified vocational training in Hat Making or apprenticeship</li> </ul>
<b>Mining and Quarrying</b>	Performs various duties to assist professionals,	<ul style="list-style-type: none"> <li>• High school certificate</li> </ul>

Occupation	Job Function	JSOC Qualification
<b>Labourer</b>	associate professionals and technicians in the extraction of mineral and ore in mining and quarrying operations.	<ul style="list-style-type: none"> <li>• On-the-job training/Certified vocational training</li> </ul>
<b>Mixed Crop and Livestock Farm Labourer</b>	Provides support to farmers who cultivate crops and rear animals by assisting them with crop cultivation and harvesting.	<ul style="list-style-type: none"> <li>• No formal education is required</li> <li>• On-the-job training/Experience in the field</li> </ul>
<b>Mixed Crop Farmer</b>	Plants, organises and performs farming operations to cultivate a variety of crops for food.	<ul style="list-style-type: none"> <li>• Literacy and Numeracy</li> </ul>
<b>Motorcycle Driver</b>	Uses a motorcycle to deliver documents, packages and other items to individual recipients or business establishments.	<ul style="list-style-type: none"> <li>• Valid motorcycle license</li> <li>• On-the-job training</li> </ul>
<b>Motor-Rewinding Technician</b>	Installs and maintains various equipment that uses electric motors.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training</li> </ul>
<b>Newspaper Deliver</b>	Delivers newspapers to subscribers in assigned district.	<ul style="list-style-type: none"> <li>• No formal education is required</li> <li>• On-the-job training</li> </ul>
<b>Newspaper Vendor</b>	Sells newspaper to customers on the street and in public spaces.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> </ul>
<b>Office Attendant</b>	Serves refreshments such as, water and hot beverages to an organization's employees and visitors.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> </ul>
<b>Pallet Truck Operator</b>	Operates a pallet truck to lift and move pallets typically loaded with materials/goods in a factory warehouse or other work settings.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> <li>• On-the-job training/apprenticeship</li> </ul>
<b>Pantry Worker</b>	Works under the supervision of a chef or other supervisor to assist in food preparation and/or packaging,	<ul style="list-style-type: none"> <li>• Certified vocational training in Commercial Food Preparation</li> </ul>

Occupation	Job Function	JSOC Qualification
	maintaining adequate stock levels and keep storage and work area always clean and tidy.	<ul style="list-style-type: none"> <li>On-the-job training</li> </ul>
<b>Papermaking Plant Operator</b>	Controls and monitors equipment that processes pulp and other and other materials used to make paper.	<ul style="list-style-type: none"> <li>High school certificate</li> <li>On-the-job training</li> </ul>
<b>Parking Lot Attendant</b>	Parks vehicles or directs motorists where they may do so in a parking lot and issue tickets to the users of the lot.	<ul style="list-style-type: none"> <li>Literacy and numeracy</li> <li>On-the-job training</li> </ul>
<b>Pastry Cook</b>	Assists a pastry chef in the preparation of pastry.	<ul style="list-style-type: none"> <li>Vocational training in Commercial Food Preparation (Pastry/Cake Baking &amp; Decorating)</li> </ul>
<b>Patroller</b>	Inspects and maintains the equipment in a processing plant.	<ul style="list-style-type: none"> <li>High school certificate</li> <li>On-the-job training</li> </ul>
<b>Pawnbroker</b>	Offers loan to borrowers' tangible property as collateral.	<ul style="list-style-type: none"> <li>O'Level passes in English Language, Principles of Business and Mathematics</li> <li>On-the-job training</li> </ul>
<b>Payroll Clerk</b>	Collects and verifies payroll information and computes salary and benefit payments for employees in an organization.	<ul style="list-style-type: none"> <li>O'Level passes in five subjects, including English language and Mathematics</li> <li>On-the-job-training</li> </ul>
<b>Percussion Instrument Maker and Tuners</b>	Makes and tunes musical instruments that are sounded by being struck scrapped or rubbed.	<ul style="list-style-type: none"> <li>Knowledge of percussion instruments</li> <li>On-the-job training</li> </ul>
<b>Phone Accessories Vendor</b>	Sells phone accessories to customers on the streets and in public spaces.	<ul style="list-style-type: none"> <li>Numeracy</li> </ul>

Occupation	Job Function	JSOC Qualification
<b>Photographic Equipment Repairer</b>	Adjusts cameras and related photographic equipment.	<ul style="list-style-type: none"> <li>High school certificate and on-the-job training</li> </ul>
<b>Piano Tuner</b>	Tunes and performs basic maintenance of pianos.	<ul style="list-style-type: none"> <li>No formal education is required</li> </ul>
<b>Pig Farmer</b>	Organises, performs and monitors farming operations to breed pigs for supplying pork to the industry.	<ul style="list-style-type: none"> <li>Literacy and Numeracy</li> </ul>
<b>Pipe Fitter/Pipe Layer</b>	Lays pipes or attach pipes to walls, structures, and fixtures using such as radiator or tanks, using brackets, clamps or various tools.	<ul style="list-style-type: none"> <li>Certified vocational training in Pipe fitting/Laying or apprenticeship/experience in the field</li> </ul>
<b>Plant Nursery Worker</b>	Assists green-house and plant nursery operator, grass growers and horticulturalists in propagating, cultivating and maintaining plants.	<ul style="list-style-type: none"> <li>High school certificate</li> <li>On-the-job training/Experience in the field</li> </ul>
<b>Plaster</b>	Applies protective or decorative coverings of plaster, cement, stucco or similar materials to buildings ceilings, partitions and interior and exterior walls.	<ul style="list-style-type: none"> <li>High school certificate and on-the-job training</li> </ul>
<b>Plastic Product Assembler</b>	Puts together prefabricated plastic components in order to make finished plastic products.	<ul style="list-style-type: none"> <li>Literacy and Numeracy</li> </ul>
<b>Police Officer</b>	Patrols public areas, maintains law and order, investigates crime and arrest offenders and suspects.	<ul style="list-style-type: none"> <li>Secondary Education</li> </ul>
<b>Poll Clerk</b>	Assists a presiding officer in the conduct of the ballot in a polling station during elections.	<ul style="list-style-type: none"> <li>O'Level passes in five subjects, including English language and Mathematics</li> </ul>
<b>Post Office</b>	Receives letters and parcels,	<ul style="list-style-type: none"> <li>O'Level passes in</li> </ul>

Occupation	Job Function	JSOC Qualification
<b>Counter Clerk</b>	sells postages and revenue stamps, postal cards as well as stamp envelopes.	four subjects, including English Language and Mathematics <ul style="list-style-type: none"> <li>• On-the-job training/experience in a related field of work</li> </ul>
<b>Postman</b>	Sorts, packs and ensures safe delivery of mails within the designated district/area.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> </ul>
<b>Potter</b>	Operates a potter's wheel or other production machines to process clay to manufacture various products.	<ul style="list-style-type: none"> <li>• On-the-job training</li> </ul>
<b>Poultry (Chicken) Farmer</b>	Breeds and raises chicken for meat production.	<ul style="list-style-type: none"> <li>• Literacy and Numeracy</li> </ul>
<b>Poultry Breeder</b>	Studies characteristics of domesticated birds and uses knowledge of poultry genetics to breed and raise these birds.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the job training/experience</li> </ul>
<b>Practical Nurse</b>	Cares for the ill, injured or convalescing patients with disabilities in the home under medical supervision.	<ul style="list-style-type: none"> <li>• Secondary education certification</li> </ul>
<b>Precession Instrument Maker and Repairer</b>	Assembles, calibrates, installs and repairs mechanical precision instruments and equipments.	<ul style="list-style-type: none"> <li>• High school certificate and on-the-job training</li> </ul>
<b>Presiding Officer</b>	Exercises oversight of a polling station during elections.	<ul style="list-style-type: none"> <li>• O'Level passes in five subjects, including English language and Mathematics</li> <li>• Training in Supervisory Management</li> </ul>
<b>Press Operator (Pressman)</b>	Operates and prepares printing presses (sheet or	<ul style="list-style-type: none"> <li>• High school certificate and on-</li> </ul>

Occupation	Job Function	JSOC Qualification
	roll fed) to produce single or multi-coloured printed materials, such as newspapers, books etc.	the-job training
<b>Presser (Hand)</b>	Irons garments or soft furnishings and other fabric articles, using a clothes iron.	<ul style="list-style-type: none"> <li>• Literacy</li> <li>• On-the-job training and working knowledge of how various fabrics respond to heat</li> </ul>
<b>Process Operator (Pharmaceutical Industry)</b>	Operates entire chemical processes or systems of machines to manufacture/process pharmaceuticals.	<ul style="list-style-type: none"> <li>• Secondary school certificate</li> <li>• On-the-job training</li> </ul>
<b>Produce Clerk</b>	Manages the stock in the produce department of a grocery store, or supermarket.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> <li>• On-the-job training</li> </ul>
<b>Product Clerk</b>	Oversees documentation that relates to the making and delivery of products by a manufacturing company.	<ul style="list-style-type: none"> <li>• O'Level passes in five subjects, including English language and Mathematics</li> <li>• On-the-job-training</li> </ul>
<b>Product Grader</b>	Samples, inspects tests and grade non-agricultural raw materials and products.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training or certified grader training in the product area</li> </ul>
<b>Promotional Salesperson</b>	Promotes a brand, product or service through the use of live events, mobile tours and guerrilla marketing as well as by using advertisements on television, radio and in the print media.	<ul style="list-style-type: none"> <li>• Secondary Education</li> <li>• On-the-job training</li> </ul>
<b>Pump Specialist</b>	Installs service and repairs pumping systems such as those used in wells and related equipment.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• Certified training in Mining and</li> </ul>

Occupation	Job Function	JSOC Qualification
		Quarrying Operations or on-the-job training
<b>Rag Doll Maker</b>	Designs and stuffs sewn dolls patterns to make dolls.	<ul style="list-style-type: none"> <li>• No formal education is required</li> </ul>
<b>Receptionist</b>	Receives and welcomes visitors, including clients/customers to an organization.	<ul style="list-style-type: none"> <li>• O'Level passes in five subjects, including English language and Mathematics</li> <li>• On-the-job training</li> </ul>
<b>Recycling Material Collector</b>	Recovers re-useable materials from among waste materials.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training</li> </ul>
<b>Refuse Sorter</b>	Searches through and sort garbage at dumpsites to identify and separate materials which can be re-used from those which should be destroyed.	<ul style="list-style-type: none"> <li>• No formal education required</li> </ul>
<b>Road Roller Operator</b>	Utilizes power rollers to compact and smooth materials.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> <li>• Training through apprenticeship</li> </ul>
<b>Rofer</b>	Installs, repairs and replaces the roofing system of buildings.	<ul style="list-style-type: none"> <li>• High school certificate</li> </ul>
<b>Rubber Moulder</b>	Operates compression moulding machines to mould compounded rubber materials into finished products.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training</li> </ul>
<b>Sandblaster</b>	Operates high pressure equipment which uses steam or air to force sand, steel shots, metal pellets.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training or experience using sandblasting tools and equipment and knowledge of corrosion-control</li> </ul>

Occupation	Job Function	JSOC Qualification
		methods and processes
<b>Scaffolder</b>	Erects and dismantles scaffolding bays to allow other workers to reach the higher levels of buildings or structures.	<ul style="list-style-type: none"> <li>• Certified training in Scaffolding and Scaffold inspection</li> <li>• On-the-job training</li> </ul>
<b>Scanner Operator</b>	Operates scanning equipment to capture text and images from photographic prints.	<ul style="list-style-type: none"> <li>• Certified Training in Press operations, Digital Prepress, Desktop Prepress or Graphic Communications or on-the-job training in any of these areas or work</li> </ul>
<b>Security Guard</b>	Provides protective service in guarding buildings and properties.	<ul style="list-style-type: none"> <li>• Secondary Education and must be at least 18 years old</li> </ul>
<b>Seed Collector/Picker</b>	Gathers and stores seeds of seed plants for research purposes.	<ul style="list-style-type: none"> <li>• On-the-job training</li> </ul>
<b>Separator Operator</b>	Operates a machine that separate particles of dry materials, such as sand or commercially valuable materials from ores.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training</li> </ul>
<b>Sewing Machine Operator</b>	Operates a sewing machine and related machines in the production of garments, soft furnishings etc.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training or training in Dressmaking</li> </ul>
<b>Sheep Farmer</b>	Plans, organizes, performs and monitors farming operations to breed sheep for meat, milk wool.	<ul style="list-style-type: none"> <li>• Literacy and Numeracy</li> </ul>
<b>Shelf Filler</b>	Stocks shelves and displays racks and keeps stocks clean and in order.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> <li>• On-the-job training</li> </ul>
<b>Ship Steward</b>	Ensures the comfort and	<ul style="list-style-type: none"> <li>• National Vocational</li> </ul>



Occupation	Job Function	JSOC Qualification
	safety of passengers.	Qualification Certificate Level 3 in Hospitality and Tourism <ul style="list-style-type: none"> <li>• On-the-job training in areas such as work, safety, first aid, health and hygiene</li> </ul>
<b>Shoemaker</b>	Repairs shoes, boots and sandals of leather and other materials.	<ul style="list-style-type: none"> <li>• No formal education requirements</li> <li>• Apprenticeship</li> </ul>
<b>Shoemaking and Related Machine Operators</b>	Uses machine to join, reinforce decorate or finish shoes or shoe parts.	<ul style="list-style-type: none"> <li>• Apprenticeship/On-the-job training</li> </ul>
<b>Shopkeeper</b>	Operates and manages a retail outlet or runs a franchise store on behalf of a retail chain.	<ul style="list-style-type: none"> <li>• Experience of shop work, sales, administration or management</li> </ul>
<b>Sideman</b>	Travels with and provides assistant to a truck driver.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> </ul>
<b>Social Escort</b>	Acts as a partner to enable individuals to attend a function.	<ul style="list-style-type: none"> <li>• High school certificate</li> </ul>
<b>Spa Technician</b>	Provides skin care treatment to face and body to enhance an individual's appearance.	<ul style="list-style-type: none"> <li>• NVQ in Beauty Therapy/Spa Operations</li> </ul>
<b>Spray Painter</b>	Sprays paint, varnish lacquer and other decorative or protective coatings on surface.	<ul style="list-style-type: none"> <li>• High school certificate and apprenticeship/on-the-job training</li> </ul>
<b>Statistical Clerk</b>	Compiles statistical data from electronic or paper files and performs basic procedures that facilitate the production of various statistical outputs.	<ul style="list-style-type: none"> <li>• O'Level passes in five subjects, including English language and Mathematics</li> <li>• On-the-job-training</li> </ul>
<b>Stock Clerk</b>	Maintains the flow of supplies and merchandise in and out of stock rooms.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> <li>• On-the-job-training</li> </ul>

Occupation	Job Function	JSOC Qualification
<b>Stonecutter</b>	Cuts stones, shapes and carves for use in building construction.	<ul style="list-style-type: none"> <li>On-the-job training in Stone Cutting and Carving</li> </ul>
<b>Stonemason</b>	Builds stone structures such as piers, wall etc.	<ul style="list-style-type: none"> <li>Certified vocational training in Stonemasonry or apprenticeship</li> </ul>
<b>Store/Shop Supervisor</b>	Supervises the overall quality and day to day operations of the wholesale or retail establishment	<ul style="list-style-type: none"> <li>Secondary Education</li> </ul>
<b>Store/Supermarket Clerk</b>	Provides customer service for patrons by providing information, responding to requests etc.	<ul style="list-style-type: none"> <li>Secondary Education</li> </ul>
<b>Street Food Vendor</b>	Prepares and sells ready to eat foods or pre-packed foods.	<ul style="list-style-type: none"> <li>Food Handler's permit</li> </ul>
<b>Street Sweeper</b>	Sweeps roads, sidewalks and other public areas, such as town squares.	<ul style="list-style-type: none"> <li>No formal education is required</li> </ul>
<b>String Instrument Makers and tuners</b>	Makes and tunes musical instruments that produce sound from vibration strings.	<ul style="list-style-type: none"> <li>Knowledge of stringed instruments</li> <li>On-the-job training</li> </ul>
<b>Swimming Pool Cleaner</b>	Services and maintains swimming pools, and in some cases spas and hot tubs etc.	<ul style="list-style-type: none"> <li>High school certificate</li> <li>On-the-job training</li> </ul>
<b>Taxi Driver</b>	Uses a taxi to transport passengers from one location to another.	<ul style="list-style-type: none"> <li>Literacy and numeracy</li> </ul>
<b>Telephone Operator</b>	Operates telephones/ Switchboards to receive and route incoming calls to appropriate personnel.	<ul style="list-style-type: none"> <li>Secondary school certificate</li> <li>On-the-job training</li> </ul>
<b>Textile Dyeing Machine Operator</b>	Operates a machine to dye textiles.	<ul style="list-style-type: none"> <li>High school certificate</li> <li>On-the-job training</li> </ul>
<b>Ticket Collector</b>	Collects admission tickets from patrons attending an event or entering a venue.	<ul style="list-style-type: none"> <li>Literacy and numeracy</li> </ul>

Occupation	Job Function	JSOC Qualification
		<ul style="list-style-type: none"> <li>• On-the-job training</li> </ul>
<b>Tiler</b>	Prepares surfaces to be tiled, cut and lays tiles onto them for decorative or other purposes.	<ul style="list-style-type: none"> <li>• Certified vocational training in Wall and Floor Tiling</li> </ul>
<b>Tour Desk Clerk</b>	Provides information about tour package(s) being offered by a resort.	<ul style="list-style-type: none"> <li>• O'Level passes in five subjects, including English Language and Mathematics</li> </ul>
<b>Tour Guide</b>	Accompanies individuals or group to places of interest and provide related information on points of interest.	<ul style="list-style-type: none"> <li>• Certificate equivalent to Level 3 of the NVQ in Tour Guide Service</li> </ul>
<b>Tourism Information Officer</b>	Provides information about products and services available in the tourism sector.	<ul style="list-style-type: none"> <li>• O'Level passes in five subjects, including English Language and Mathematics</li> <li>• On-the-job training</li> </ul>
<b>Tractor Driver</b>	Operates a tractor to haul machinery haul such as ploughs, harrows, and tillers broadcast seeders.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> <li>• Training through apprenticeship or formal programme of Tractor/Heavy Equipment (including Tractor) Operation and Maintenance</li> </ul>
<b>Tractor Driver (Except Farming)</b>	Operates a tractor to haul machinery, material and other various items in several industries except farming.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> <li>• Training through apprenticeship of formal programme of Heavy Equipment Operation and Maintenance</li> </ul>
<b>Trailer Driver</b>	Uses a trailer to transport materials from one location	<ul style="list-style-type: none"> <li>• High school certificate</li> </ul>

Occupation	Job Function	JSOC Qualification
	to another.	<ul style="list-style-type: none"> <li>• On-the-job training</li> </ul>
<b>Train Conductor</b>	Plans and co-ordinates activities of crew members on passenger or freight trains.	<ul style="list-style-type: none"> <li>• Secondary level education</li> </ul>
<b>Train Driver</b>	Transports bauxite and related materials to various points along the bauxite chain.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training</li> </ul>
<b>Train Steward</b>	Provides customer service for passengers on a train to ensure their safety and comfort during travel.	<ul style="list-style-type: none"> <li>• National Vocational Qualification Certificate Level 3 in Hospitality and Tourism or high school diploma</li> </ul>
<b>Transport Clerk</b>	Provides clerical support functions in any transportation organization.	<ul style="list-style-type: none"> <li>• Secondary school certificate</li> <li>• On-the-job training</li> </ul>
<b>Travel Agent Consultant</b>	Advises clients on available travel, tour and accommodation services and related fees.	<ul style="list-style-type: none"> <li>• O'Level passes in five subjects, including English Language and Mathematics</li> <li>• On-the-job training</li> </ul>
<b>Truck Driver</b>	Uses a truck to transport materials and goods from one location to another.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training</li> </ul>
<b>Typesetter</b>	Creates text and art work to be stored on manual or computerized typesetting machines for transfer to a printing mechanism.	<ul style="list-style-type: none"> <li>• High school certificate and on-the-job training or experience in printing, key lining or experience in printing, key lining or typesetting, printing composition, graphic design or a related field</li> </ul>

Occupation	Job Function	JSOC Qualification
<b>Tyre Repairer</b>	Repairs damage tyres.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• Apprenticeship/On-the-job training</li> </ul>
<b>Undertaker</b>	Provides funeral service for bereaved families, which include preparing, preserving and transport of the body to the final resting place.	<ul style="list-style-type: none"> <li>• High school certificate</li> </ul>
<b>Upholsterer</b>	Makes repairs or replaces the padding, springs, webbing and fabric or leather covers on furniture.	<ul style="list-style-type: none"> <li>• Apprenticeship in Upholstery</li> </ul>
<b>Usher</b>	Guides persons attending an event, such as film showing, performing arts, production etc.	<ul style="list-style-type: none"> <li>• High school certificate</li> <li>• On-the-job training</li> </ul>
<b>Vehicle Washer (Hand)</b>	Hand washes, dries and polishes the interior and exterior of vehicles.	<ul style="list-style-type: none"> <li>• No formal education required</li> </ul>
<b>Vending Machine Collector</b>	Stocks, maintains and collect money/token from vending machines.	<ul style="list-style-type: none"> <li>• Literacy and numeracy</li> <li>• On-the-job training</li> </ul>
<b>Veterinary Aide</b>	Provides assistant to the veterinarian in the treatment of injuries to illness of animals.	<ul style="list-style-type: none"> <li>• On-the-job training</li> </ul>
<b>Waiter/Waitress</b>	Serves food and beverages in hotels, restaurants and other dining establishments.	<ul style="list-style-type: none"> <li>• Secondary school certificate with passes in English Language and Mathematics</li> </ul>
<b>Washer Woman</b>	Washes clothes, household linen and other items of fabric for clients.	<ul style="list-style-type: none"> <li>• No formal education required</li> </ul>
<b>Watchman</b>	Keeps watch and ensures the safety and security of grounds, building and property.	<ul style="list-style-type: none"> <li>• Completion of secondary school education</li> </ul>
<b>Wind Instrument Maker and</b>	Makes and tunes musical instruments that produce	<ul style="list-style-type: none"> <li>• No formal education is</li> </ul>

Occupation	Job Function	JSOC Qualification
<b>Tuners</b>	sound by the vibration of the air.	required
<b>Window Cleaner</b>	Washes, dries and may also polish windows.	<ul style="list-style-type: none"> <li>• Literacy</li> <li>• On-the-job training</li> </ul>
<b>Windscreen Wiper/Cleaner</b>	A windscreen wiper/cleaner cleans the window of motor vehicles for motorists.	<ul style="list-style-type: none"> <li>• No formal education is required</li> </ul>
<b>Windshield Technician/Auto Glass Technician</b>	Installs, repairs and replaces windshields and window glasses in automotive vehicles.	<ul style="list-style-type: none"> <li>• High School certificate</li> <li>• Apprenticeship</li> </ul>
<b>Wood Treater</b>	Seasons, treats and preserves wood and lumber manually or using wood treatment equipment.	<ul style="list-style-type: none"> <li>• High school certificate</li> </ul>
<b>Zookeeper</b>	Provides general care for animals in a zoo or wild animal park	<ul style="list-style-type: none"> <li>• Secondary education</li> <li>• On-the-job training</li> </ul>

#### **4.0 CONCLUSION**

Increased globalization and advancement in the use of technology are among several factors that have resulted in changes in demand for occupations. In countries such as the USA, Central and Eastern Europe, the use of technology has had a greater impact on the labour market. As such, jobs which previously required no training can now be assisted by computers, thus workers are being required to have technological skills.

It is evidenced from this Report that on a global scale that there has been an increased demand for professional occupations in areas such as Software Engineers, Computer and Information Systems Managers, Database Administrators, Statisticians and network Administrators. Locally, while these occupations are in demand, opportunities still exist for low skilled workers such as Housekeepers, Bartenders, Garbage Collectors, Meat Cutters, Fast Food Attendants, Meter Readers, Street Sweepers, Taxi Drivers and Waiters/Waitresses.

Demand for low skilled labour from Jamaica is shown from data gathered from Private Employment Agencies where there is a high demand overseas for Servers, Housekeepers, Dish Washers and Domestic Helpers. The MLSS, through various employments programmes continues to provide employment opportunities for low skilled workers. Data gleaned from the US and Canadian Farm Work Programmes showed that over 14,000 persons were recruited in 2017, which represented an average increase of 10.5 per cent over the previous year.

Evidence gathered from The NLMS (2017) projected that in the short to medium term timeframe there will be a demand for low skilled workers in occupations such as Janitorial Workers, Cashiers, Packers, Labourers and Office Attendants.





## References

- Ajit K. Ghose, Nomaan Majid and Christoph Ernst (2015). The global employment challenge
- Autor, David H. (2010). "The Polarization of Job Opportunities in the U.S. Labor Market: Implications for Employment and Earnings." Center for American Progress and the Hamilton Project.
- Brynjolfsson and McAfee (2013). How Technology is destroying jobs. Retrieved from <<https://www.technologyreview.com/s/515926/how-technology-is-destroying-jobs/>>
- Goldin, Claudia, and Lawrence F. Katz. (1998). "The Origins of Technology-Skill Complementarity," *The Quarterly Journal of Economics*, 113
- Inter-America Development Bank (2014). Private sector assessment of Jamaica
- International Labour Organization (ILO) – International Standard Occupational Classification (ISCO-08)
- Jamaica Bauxite Institute, Jamaica's Bauxite and Alumina Industry. Retrieved from <[http://bunting.org.jm/wp-content/uploads/2017/01/JBI\\_An-Overview\\_of\\_Jamaicas\\_Bauxite\\_Industry.pdf](http://bunting.org.jm/wp-content/uploads/2017/01/JBI_An-Overview_of_Jamaicas_Bauxite_Industry.pdf)>
- Ministry of Labour and Social Security (MLSS). National Labour Market Survey 2017
- \_\_\_\_\_ National Employment Report 2006 & 2015 (revised edition)
- Planning Institute of Jamaica (PIOJ). Economic and Social Survey of Jamaica (various editions)
- Shah, Raj (2016). The Knowledge Age.
- Statistical Institute of Jamaica (STATIN). Jamaica Standard Occupational Classification 2015
- Sugar Industry Authority of Jamaica (2000). An overview of the sugar industry of Jamaica. Retrieved from <<http://www.jamaicasugar.org/SIASection/Overview.pdf>>
- World Bank Institute (2001). The Knowledge Economy and the Changing Needs of the Labor Market