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WORK PERMITS HOLDERS – THIRD QUARTER 2017

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This stats brief presents a summary of the characteristics of expatriates who held valid work permits as at the end of September 2017.

The brief is produced through a collaborative process with the Department of Labour and Social Security who issue work permits. Copies of the approved work permits are forwarded to Statistics Botswana for capture and analysis.

Information on work permit holders gives an indication of the occupations which are mostly occupied by foreigners for purpose of monitoring progress in localization. Presentation of statistics on work permit holders by occupation and industry gives an indication of jobs currently held by non-citizens which informs on the skills and sectors where expatriate recruitment continues to be needed. This provides useful information for researchers, planners and policy makers in the country.

This brief shows that the number of work permit holders has decreased by 2.4 percent between June 2017 and September 2017, from 5,755 to 5,242. Most permit holders were recorded in the agricultural sector at 29.3 percent followed by the construction sector with 14.6 percent. The largest group of work permit holders was issued to the age group 40 – 44 with 19.2 percent followed by ages 35-39 and 30-34 at 18.6 and 16.8 percent respectively.

I hope you find this brief informative for planning and decision making.

Anna Majelantle Statistician General December 2017

1.0 INTRODUCTION

Work permits represent an authorization issued by the Department of Labour and Social Security allowing nationals of other countries to work legally in the country. Data on work permits are collected by reasons for issuing such permits. The main reasons for issuing such permits are employment, education, family, and other reasons. The analysis of permit in this brief is confined only to work permits, drawn from National administrative registers and databases.

The Department of Labour and Social Security issue work-permits, and copies of approved work-permit applications are forwarded to Statistics Botswana to be analysed. Although all work permit forms received by Statistics Botswana for a specific quarter are processed and entered into the data base, others arrive after the publication of the stats brief, and are captured for analysis for the subsequent publication.

The profile of work permit holders at country level reflects the specific skills which may be in short supply among the nationals. In addition, it may show the prevailing economic and employment opportunities which attract foreigners into the country.

Three graphical presentations are given; Figure 1 presents work permit holders by Nationality, with Figures 2 & 3 depicting work permit holders by industry and occupation respectively. More detailed information is presented in the table.

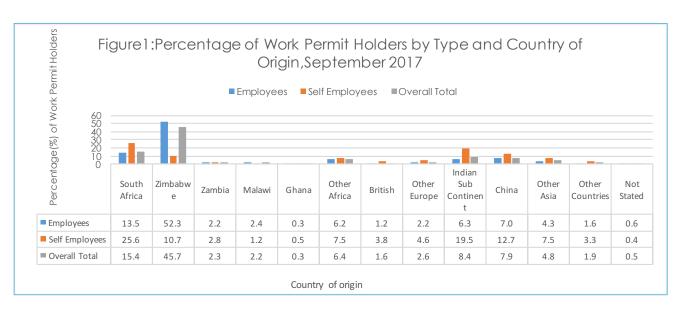
2.0 TOTAL WORK PERMIT HOLDERS

The total number of work permit holders that were valid as of end of September 2017 was 5,242. Of these 4,417 (84.3 percent) were employees while 825 (15.7 percent) were self – employed. Overall, male work permit holders at 78.9 percent were higher than their female counterparts (21.1 %). (See Table 1.1a)

Employee work permit holders consist of those holding new work permits and those whose work permits have been renewed. Table 1.4a shows that 3,754 permit holders were new employee work permits, while 663 held renewed ones. Males outnumbered females for both new and renewed work permit holders. In the new work permit holder's category, males accounted for 66.4 percent of total employee work permit holders compared to 17.8 percent for females. For the renewed work permit holders, male employees work permit holders accounted for 11.4 percent of the total employee work permit holders compared with 4.3 percent for females.

Table 1.7 shows quarterly work permit holders by industry and sex, from the fourth quarter of 2016 to the third quarter of 2017. Total work permits holders were increasing in the first quarter of 2017 but started to decline in the second quarter of 2017 and increased again in the third quarter of 2017. Between December 2016 and March 2017, total work permits holders increased by 605 persons, from 5,293 in December 2016 to 5,898 in March 2017, an increase of 11.4 percent. Between June 2017 and September 2017, total work permits holders decreased by 513 persons, from 5,755 in June 2017 to 5,242 in September 2017, a decrease of 8.9 percent. Comparing December 2016 with September 2017 total work permits holders decreased by 51 persons, a decrease of 1.0 percent.

Figure 1 and Table 1.1b depict work permit holders by country of origin. The majority of work permit holders were from Zimbabwe at 2,398 persons (47.4 percent), followed by South Africa at 807 persons (15.5 percent), and Indian Sub-Continent with 440 persons (9.1 percent).



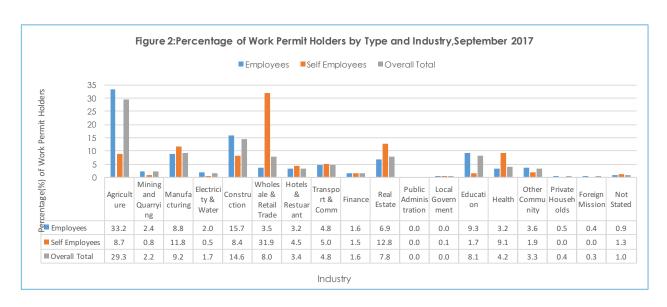
3.0 WORK PERMIT HOLDERS BY AGE GROUP

The age distribution shows that a large number of work permit holders were in the 40 - 44 years age group, at 19.2 percent of total work permit holders, followed by the 35-39 and 30-34 years age groups at 18.6 and 16.8 percent respectively. For the self-employed category, age group 40 - 44 had the largest share with 166 permit holders (20.1 percent) followed by the 45 - 49 age group with 147 permit holders (17.8 percent). For employee work permit holders, the 35-39 age group stood at 846 permit holders (19.2 percent) followed by age group 40-44 with 843 work permit holders (19.1 percent), See **Table 1.2a** & **1.2 b**. Work permit holders of youth, aged 15-35 accounted for 1519, which is 29 percent of the total work permit holders.

4.0 WORK PERMIT HOLDERS BY INDUSTRY

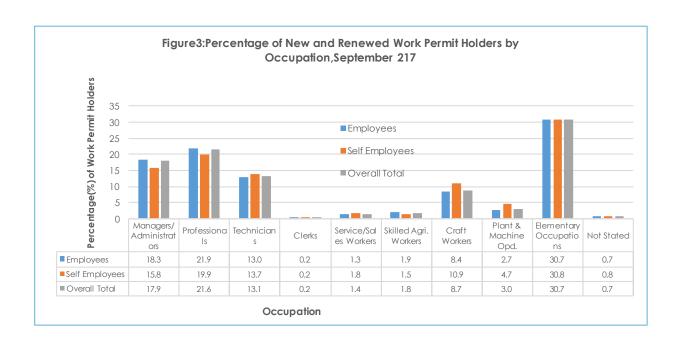
Figure 2 presents Employee and Self-Employed work permit holders distribution by Industry. Overall, Agriculture had the largest work permit holders at 29.3 percent, followed by Construction with 14.6 percent. Manufacturing was third with 9.2 percent work permit holders.

For the employee work permit holders, Agriculture Industry accounted for 33.2 percent of employee work permit holders, followed by Construction with 15.7 percent. For the self-employed work permit holders' category, Wholesale & Retail Trade was above other industries, recording 31.9 percent of work permit holders, followed by Real Estate and Manufacturing



5.0 WORK PERMIT HOLDERS BY OCCUPATION

Figure 3, Tables 1.4a and **1.4b** show employee work permit holders (new and renewed), and their occupation. The largest proportion is found in the elementary occupations with 1358 persons (30.7 percent), followed by the Professionals with 955 persons (21.6 percent) and Managers/Administrators at 791 persons (17.9 percent).



6.0 EMPLOYEE WORK PERMIT HOLDERS BY TRAINING

Among the employee work permit holders, 43.8 percent (1,933) had No Training or had not stated if they have any training. Degree holders accounted for 27.6 percent (1217) of work permit holders with known training status. Diploma holders accounted for, 17.1 percent (754), while Certificate holders contributed 11.6 percent (513) of employee work permit holders (see Table 1.5a and 1.5b). Tables 1.6a and 1.6b show the work permit holders by the subject of training. Engineering & Allied programs and Craft programs topped the work permit holders with known training status, accounting for 14.0 percent and 8.4 percent respectively. These were followed by work permit holders with Commercial, Clerical and Business & Public Administration programs training at 7.5 percent.

Table 1.1a: Work Permit Holders by Country of Origin, Type of Permit and Sex, September 2017

Nationality	Employees			Se	Self-Employees			Overall Total			
	Male	Female	Total	Male	Female	Total	Male	Female	Total		
South Africa	496	100	596	151	60	211	647	160	807		
Zimbabwe	1732	578	2310	72	16	88	1804	594	2398		
Zambia	69	29	98	19	4	23	88	33	121		
Malawi	95	9	104	8	2	10	103	11	114		
Ghana	11	2	13	3	1	4	14	3	17		
Other Africa	208	65	273	50	12	62	258	77	335		
British	34	20	54	18	13	31	52	33	85		
Other Europe	72	25	97	24	14	38	96	39	135		
Indian Sub-Continent	242	37	279	117	44	161	359	81	440		
China	291	17	308	69	36	105	360	53	413		
Other Asia	164	24	188	48	14	62	212	38	250		
Other Coun- tries	47	25	72	17	10	27	64	35	99		
Not Stated	24	1	25	2	1	3	26	2	28		
Total	3,485	932	4,417	598	227	825	4,083	1,159	5,242		
Percentage(%) Overall	66.4	17.8	84.3	11.4	4.3	15.7	78.9	21.1	100		

Table 1.1b: Percentage of Work Permit Holders by Country of Origin, Type of Permit and Sex.

	Employees			Se	lf-Employees		Overall Total		
Nationality	Male	Female	Total	Male	Female	Total	Male	Female	Total
South Africa	26,4	28,2	26,9	14,8	10,1	13,8	16,2	13,0	15,5
Zimbabwe	10,8	7,7	10,0	49,5	65,4	52,9	44,9	56,2	47,4
Zambia	2,5	1,4	2,2	1,8	2,5	2,0	1,9	2,3	2,0
Malawi	1,3	1,0	1,2	2,4	1,2	2,2	2,3	1,1	2,0
Ghana	0,5	0,5	0,5	0,3	0,2	0,3	0,4	0,2	0,3
Other Africa	7,9	6,2	7,5	5,7	6,2	5,8	6,0	6,2	6,0
British	2,9	6,2	3,8	1,0	1,9	1,2	1,2	2,6	1,5
Other Europe	4,3	6,2	4,8	1,9	2,2	2,0	2,2	2,8	2,4
Indian Sub-Con- tinent	20,2	16,3	19,1	8,5	4,2	7,6	9,9	6,1	9,1
China	12,3	15,3	13,1	7,9	1,7	6,6	8,4	3,9	7,4
Other Asia	8,3	6,7	7,9	4,3	2,2	3,9	4,8	2,9	4,4
Other Countries	2,2	3,8	2,6	1,1	2,3	1,3	1,2	2,5	1,5
Not Stated	0,4	0,5	0,4	0,6	0,1	0,5	0,5	0,2	0,5
Total	100	100	100	100	100	100	100	100	100

Table 1.2a: Total Work Permit Holders by Age Group, Type of Permit and Sex, September 2017

	Employees			Se	Self Employees			Overall Total			
Age	Male	Female	Total	Male	Female	Total	Male	Female	Total		
Less than 25	102	35	137	14	0	14	124	42	166		
25-29	328	105	433	47	24	71	375	129	504		
30-34	622	192	814	47	18	65	669	210	879		
35-39	651	195	846	90	38	128	741	233	974		
40-44	646	197	843	111	55	166	757	252	1,009		
45-49	454	110	564	111	36	147	565	146	711		
50-54	290	55	345	54	20	74	344	75	419		
55-59	184	33	217	52	20	72	236	53	289		
60-64	118	10	128	36	11	47	154	21	175		
65-69	52	2	54	20	3	23	72	5	77		
70+	15	1	16	16	2	18	31	3	34		
Unknown	30	4	34	1	0	1	31	4	35		
Total	3,485	932	4,417	598	227	825	4,083	1,159	5,242		
Percentage(%) Overall	66.4	17.8	84.3	11.4	4.3	15.7	78.9	21.1	100		

Table 1.2b: Percentage of Work Permit Holders by Age Group, Type of Permit and Sex, September 2017

	l	Employees		Se	elf Employees		(Overall Total	
Age	Male	Female	Total	Male	Female	Total	Male	Female	Total
Less than 25	2,9	3,8	3,1	2,3	0,0	1,7	3,0	3,6	3,2
25-29	9,4	11,3	9,8	7,9	10,6	8,6	9,2	11,1	9,6
30-34	17,8	20,6	18,4	7,9	7,9	7,9	16,4	18,1	16,8
35-39	18,7	20,9	19,2	15,1	16,7	15,5	18,1	20,1	18,6
40-44	18,5	21,1	19,1	18,6	24,2	20,1	18,5	21,7	19,2
45-49	13,0	11,8	12,8	18,6	15,9	17,8	13,8	12,6	13,6
50-54	8,3	5,9	7,8	9,0	8,8	9,0	8,4	6,5	8,0
55-59	5,3	3,5	4,9	8,7	8,8	8,7	5,8	4,6	5,5
60-64	3,4	1,1	2,9	6,0	4,8	5,7	3,8	1,8	3,3
65-69	1,5	0,2	1,2	3,3	1,3	2,8	1,8	0,4	1,5
70+	0,4	0,1	0,4	2,7	0,9	2,2	0,8	0,3	0,6
Unknown	0,9	0,4	0,8	0,2	0,0	0,1	0,8	0,3	0,7
Total	100	100	100	100	100	100	100	100	100

Table 1.3a: Total Work Permit Holders by Industry, Type of Permit and Sex, September 2017

	Employees		Sel	f Employees	;	Overall Total			
Industry	Male	Female	Total	Male	Female	Total	Male	Female	Total
Agriculture	1,069	397	1,466	62	10	72	1,131	407	1,538
Mining and Quarrying	103	4	107	7	0	7	110	4	114
Manufacturing	345	42	387	63	34	97	408	76	484
Electricity & Water	86	1	87	2	2	4	88	3	91
Construction	679	16	695	60	9	69	739	25	764
Wholesale & Retail Trade	145	9	154	197	66	263	342	75	417
Hotels & Restaurants	85	55	140	22	15	37	107	70	177
Transport & Communication	178	34	212	28	13	41	206	47	253
Finance	53	17	70	10	2	12	63	19	82
Real Estate	253	51	304	65	41	106	318	92	410
Education	247	165	412	9	5	14	256	170	426
Health	77	66	143	50	25	75	127	91	218
Other Community	120	38	158	14	2	16	134	40	174
Private Households	2	21	23	0	0	0	2	21	23
Foreign Mission	12	6	18	0	0	0	12	6	18
Not Stated	31	10	41	9	3	12	40	13	53
Total	3,485	932	4,417	598	227	825	4,083	1159	5,242
Percentage(%)Overall	66.4	17.8	84.3	11.4	4.3	15.7	78.9	21.1	100

Table 1.3b: Percentage of Work Permit Holders by Industry and Type of Permit, September 2017

	Employees			Self	f Employees		Overall Total		
Industry	Male	Female	Total	Male	Female	Total	Male	Female	Total
Agriculture	30,7	42,6	33,2	10,4	4,4	8,7	27,7	35,1	29,3
Mining and Quarrying	3,0	0,4	2,4	1,2	0,0	0,8	2,7	0,3	2,2
Manufacturing	9,9	4,5	8,8	10,5	15,0	11,8	10,0	6,6	9,2
Electricity & Water	2,5	0,1	2,0	0,3	0,9	0,5	2,2	0,3	1,7
Construction	19,5	1,7	15,7	10,0	4,0	8,4	18,1	2,2	14,6
Wholesale & Retail Trade	4,2	1,0	3,5	32,9	29,1	31,9	8,4	6,5	8,0
Hotels & Restaurants	2,4	5,9	3,2	3,7	6,6	4,5	2,6	6,0	3,4
Transport & Communication	5,1	3,6	4,8	4,7	5,7	5,0	5,0	4,1	4,8
Finance	1,5	1,8	1,6	1,7	0,9	1,5	1,5	1,6	1,6
Real Estate	7,3	5,5	6,9	10,9	18,1	12,8	7,8	7,9	7,8
Education	7,1	17,7	9,3	1,5	2,2	1,7	6,3	14,7	8,1
Health	2,2	7,1	3,2	8,4	11,0	9,1	3,1	7,9	4,2
Other Community	3,4	4,1	3,6	2,3	0,9	1,9	3,3	3,5	3,3
Private Households	0,1	2,3	0,5	0,0	0,0	0,0	0,0	1,8	0,4
Foreign Mission	0,3	0,6	0,4	0,0	0,0	0,0	0,3	0,5	0,3
Not Stated	0,9	1,1	0,9	1,5	1,3	1,4	1,0	1,1	1,0
Total	100	100	100	100	100	100	100	100	100

Table 1.4a: New and Renewed Employee Work Permit Holders by Occupation, September 2017

		New			Renewal			Overall	
Occupation	Male	Female	Total	Male	Female	Total	Male	Female	Total
Managers/Administrators	571	115	686	87	18	105	658	133	791
Professionals	689	134	823	103	29	132	792	163	955
Technicians	366	123	489	56	35	91	422	158	580
Clerks	7	1	8	1	0	1	8	1	9
Service/Sales Workers	48	0	48	9	3	12	57	3	60
Skilled Agri. Workers	55	16	71	8	2	10	63	18	81
Craft Workers	293	21	314	69	3	72	362	24	386
Plant & Machine Operators	101	2	103	31	0	31	132	2	134
Elementary Occupations	824	330	1,154	143	61	204	967	391	1,358
Other	19	6	25	5	0	5	24	6	30
Total	2,973	781	3,754	512	151	663	3,485	932	4,417
Percentage overall (%)	66.4	17.8	84.3	11.4	4.3	15.7	78.9	21.1	100

Table 1.4b: Percentage of Work Permit Holders by Occupation, Work Permit Status and Sex, September 2017

		New			Renewal			Overall	
Occupation	Male	Female	Total	Male	Female	Total	Male	Female	Total
Managers/Administrators	19,2	14,7	18,3	17,0	11,9	15,8	18,9	14,3	17,9
Professionals	23,2	17,2	21,9	20,1	19,2	19,9	22,7	17,5	21,6
Technicians	12,3	15,7	13,0	10,9	23,2	13,7	12,1	17,0	13,1
Clerks	0,2	0,1	0,2	0,2	0,0	0,2	0,2	0,1	0,2
Service/Sales Workers	1,6	0,0	1,3	1,8	2,0	1,8	1,6	0,3	1,4
Skilled Agri. Workers	1,8	2,0	1,9	1,6	1,3	1,5	1,8	1,9	1,8
Craft Workers	9,9	2,7	8,4	13,5	2,0	10,9	10,4	2,6	8,7
Plant & Machine Operators	3,4	0,3	2,7	6,1	0,0	4,7	3,8	0,2	3,0
Elementary Occupations	27,7	42,3	30,7	27,9	40,4	30,8	27,7	42,0	30,7
Other	0,6	0,8	0,7	1,0	0,0	0,8	0,7	0,6	0,7
Total	100	100	100	100	100	100	100	100	100

Table 1.5a: Employee Work Permit Holders by Training and Sex, September 2017

Training	Male	Female	Total
Certificate Holders	464	49	513
Diploma Holders	584	170	754
Degree Holders	972	245	1,217
No Training Stated	1,465	468	1,933
Total	3,485	932	4,417

Table 1.5b: Percentage of Work Permit Holders by Training and Sex, September 2017

Training	Male	Female	Total
Certificate Holders	13,3	5,3	11,6
Diploma Holders	16,8	18,2	17,1
Degree Holders	27,9	26,3	27,6
No Training Stated	42,0	50,2	43,8
Total	100	100	100

Table 1.6a: Employee Work Permit Holders by Subject of Training and Sex, September 2017

Subject of Training Male Female Total General Training Programs 15 1 16 Education Training 82 93 175 Fine & Applied Arts 14 7 21 Programs in Languages 11 7 18 Other Humanity Programs 40 16 56 Social & Behavior Science Programs 40 25 65 Commercial, Clerical, Business & Public Administration Programs 261 72 333 Administration Programs 72 16 88 Programs in Law 11 4 15 Natural Science Programs 72 16 88 Mathematics & Computer Science Programs 78 14 92 Programs 78 53 131 Construction and Trade Programs 78 53 131 Construction and Trade Programs 93 1 94 Other Craft and Trade Programs 59 19 618 Architectural & Town Planning Programs			• • • • • • • • • • • • • • • • • • • •	
Education Training 82 93 175 Fine & Applied Arts 14 7 21 Programs in Languages 111 7 18 Other Humanity Programs 40 16 56 Social & Behavior Science Programs 40 25 65 Commercial, Clerical, Business & Public Administration Programs 40 25 65 Commercial, Clerical, Business & Public Administration Programs 261 72 333 Administration Programs 11 4 15 Natural Science Programs 72 16 88 Mathematics & Computer Science Programs 72 16 88 Mathematics & Computer Science Programs 78 53 131 Construction and Trade Programs 78 53 131 Construction and Trade Programs 78 53 131 Construction and Trade Programs 59 19 618 Architectural & Town Planning Programs 57 6 63 Agriculture, Forestry & Fishery Programs 50	Subject of Training	Male	Female	Total
Fine & Applied Arts 14 7 21 Programs in Languages 11 7 18 Other Humanity Programs 40 16 56 Social & Behavior Science Programs 40 25 65 Commercial, Clerical, Business & Public Administration Programs 40 25 65 Commercial, Clerical, Business & Public Administration Programs 40 25 65 Commercial, Clerical, Business & Public Administration Programs 40 25 65 Commercial, Clerical, Business & Public Administration Programs 11 4 15 Natural Science Programs 72 16 88 Matter Science Programs 72 16 88 Matter Science Programs 78 14 92 Programs 78 53 131 Construction and Trade Programs 78 3 13 Other Craft and Trade Programs 324 46 370 Engineering & Allied Programs 57 6 63 Agriculture, Forestry & Fishery Programs	General Training Programs	15	1	16
Programs in Languages 11 7 18 Other Humanity Programs 40 16 56 Social & Behavior Science Programs 40 25 65 Commercial, Clerical, Business & Public Administration Programs 40 25 65 Commercial, Clerical, Business & Public Administration Programs 261 72 333 Administration Programs 11 4 15 Natural Science Programs 72 16 88 Mathematics & Computer Science Programs 78 14 92 Programs 78 14 92 Programs 78 53 131 Construction and Trade Programs 78 53 131 Construction and Trade Programs 93 1 94 Other Craft and Trade Programs 324 46 370 Engineering & Allied Programs 599 19 618 Architectural & Town Planning Programs 57 6 63 Agriculture, Forestry & Fishery Programs 50 11 6	Education Training	82	93	175
Other Humanity Programs 40 16 56 Social & Behavior Science Programs 40 25 65 Commercial, Clerical, Business & Public Administration Programs 261 72 333 Arministration Programs 111 4 15 Natural Science Programs 72 16 88 Mathematics & Computer Science 78 14 92 Programs 78 14 92 Programs 78 53 131 Construction and Trade Programs 78 53 131 Construction and Trade Programs 93 1 94 Other Craft and Trade Programs 324 46 370 Engineering & Allied Programs 599 19 618 Architectural & Town Planning Programs 57 6 63 Agriculture, Forestry & Fishery Programs 50 11 61 Home Economics & Domestic Science 5 5 10 Programs 8 54 Service Trades Programs	Fine & Applied Arts	14	7	21
Social & Behavior Science Programs 40 25 65 Commercial, Clerical, Business & Public Administration Programs 261 72 333 Programs in Law 11 4 15 Natural Science Programs 72 16 88 Mathematics & Computer Science Programs 78 14 92 Programs 78 53 131 Construction and Trade Programs 78 53 131 Construction and Trade Programs 93 1 94 Other Craft and Trade Programs 324 46 370 Engineering & Allied Programs 599 19 618 Architectural & Town Planning Programs 57 6 63 Agriculture, Forestry & Fishery Programs 50 11 61 Home Economics & Domestic Science Programs 46 8 54 Transportation & Communication Programs 81 48 129 Mass Communication & Documentation 7 2 9 Other Programs 56 10 <	Programs in Languages	11	7	18
Commercial, Clerical, Business & Public Administration Programs 261 72 333 Programs in Law 11 4 15 Natural Science Programs 72 16 88 Mathematics & Computer Science Programs 78 14 92 Programs 78 53 131 Construction and Trade Programs 78 53 131 Construction and Trade Programs 93 1 94 Other Craft and Trade Programs 324 46 370 Engineering & Allied Programs 599 19 618 Architectural & Town Planning Programs 57 6 63 Agriculture, Forestry & Fishery Programs 50 11 61 Home Economics & Domestic Science Programs 5 5 10 Transportation & Communication Programs 81 48 129 Mass Communication & Documentation 7 2 9 Other Programs 56 10 66 Sub Total 2,020 464 2,484 <td>Other Humanity Programs</td> <td>40</td> <td>16</td> <td>56</td>	Other Humanity Programs	40	16	56
Administration Programs Programs in Law 11 4 15 Natural Science Programs 72 16 88 Mathematics & Computer Science Programs 78 14 92 Programs 78 53 131 Construction and Trade Programs 78 53 131 Construction and Trade Programs 93 1 94 Other Craft and Trade Programs 324 46 370 Engineering & Allied Programs 599 19 618 Architectural & Town Planning Programs 57 6 63 Agriculture, Forestry & Fishery Programs 50 11 61 Home Economics & Domestic Science Programs 5 5 10 Transportation & Communication Programs 81 48 129 Mass Communication & Documentation 7 2 9 Other Programs 56 10 66 Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,	Social & Behavior Science Programs	40	25	65
Natural Science Programs 72 16 88 Mathematics & Computer Science Programs 78 14 92 Medicine & Health related Programs 78 53 131 Construction and Trade Programs 93 1 94 Other Craft and Trade Programs 324 46 370 Engineering & Allied Programs 599 19 618 Architectural & Town Planning Programs 57 6 63 Agriculture, Forestry & Fishery Programs 50 11 61 Home Economics & Domestic Science Programs 5 5 10 Transportation & Communication Programs 8 54 Service Trades Programs 81 48 129 Mass Communication & Documentation 7 2 9 Other Programs 56 10 66 Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,933		261	72	333
Mathematics & Computer Science Programs 78 14 92 Medicine & Health related Programs 78 53 131 Construction and Trade Programs 93 1 94 Other Craft and Trade Programs 324 46 370 Engineering & Allied Programs 599 19 618 Architectural & Town Planning Programs 57 6 63 Agriculture, Forestry & Fishery Programs 50 11 61 Home Economics & Domestic Science Programs 5 5 10 Transportation & Communication Programs 8 54 Service Trades Programs 81 48 129 Mass Communication & Documentation 7 2 9 Other Programs 56 10 66 Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,933	Programs in Law	11	4	15
Programs Medicine & Health related Programs 78 53 131 Construction and Trade Programs 93 1 94 Other Craft and Trade Programs 324 46 370 Engineering & Allied Programs 599 19 618 Architectural & Town Planning Programs 57 6 63 Agriculture, Forestry & Fishery Programs 50 11 61 Home Economics & Domestic Science Programs 5 5 10 Transportation & Communication Programs 8 54 Service Trades Programs 81 48 129 Mass Communication & Documentation 7 2 9 Other Programs 56 10 66 Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,933	Natural Science Programs	72	16	88
Construction and Trade Programs 93 1 94 Other Craft and Trade Programs 324 46 370 Engineering & Allied Programs 599 19 618 Architectural & Town Planning Programs 57 6 63 Agriculture, Forestry & Fishery Programs 50 11 61 Home Economics & Domestic Science Programs 5 5 10 Transportation & Communication Programs 81 48 129 Mass Communication & Documentation 7 2 9 Other Programs 56 10 66 Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,933	·	78	14	92
Other Craft and Trade Programs 324 46 370 Engineering & Allied Programs 599 19 618 Architectural & Town Planning Programs 57 6 63 Agriculture, Forestry & Fishery Programs 50 11 61 Home Economics & Domestic Science Programs 5 5 10 Transportation & Communication Programs 46 8 54 Service Trades Programs 81 48 129 Mass Communication & Documentation 7 2 9 Other Programs 56 10 66 Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,933	Medicine & Health related Programs	78	53	131
Engineering & Allied Programs 599 19 618 Architectural & Town Planning Programs 57 6 63 Agriculture, Forestry & Fishery Programs 50 11 61 Home Economics & Domestic Science Programs 5 5 10 Transportation & Communication Programs 8 54 Service Trades Programs 81 48 129 Mass Communication & Documentation 7 2 9 Other Programs 56 10 66 Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,933	Construction and Trade Programs	93	1	94
Architectural & Town Planning Programs 57 6 63 Agriculture, Forestry & Fishery Programs 50 11 61 Home Economics & Domestic Science Programs 5 5 10 Transportation & Communication Programs 46 8 54 Service Trades Programs 81 48 129 Mass Communication & Documentation 7 2 9 Other Programs 56 10 66 Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,933	Other Craft and Trade Programs	324	46	370
Agriculture, Forestry & Fishery Programs 50 11 61 Home Economics & Domestic Science Programs 5 5 10 Transportation & Communication Programs 46 8 54 Service Trades Programs 81 48 129 Mass Communication & Documentation 7 2 9 Other Programs 56 10 66 Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,933	Engineering & Allied Programs	599	19	618
Home Economics & Domestic Science Programs 5 5 10 Transportation & Communication Programs 46 8 54 Service Trades Programs 81 48 129 Mass Communication & Documentation 7 2 9 Other Programs 56 10 66 Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,933	Architectural & Town Planning Programs	57	6	63
Programs 46 grams 46 grams 8 54 grams Service Trades Programs 81 48 129 Mass Communication & Documentation 7 2 9 Other Programs 56 10 66 Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,933	Agriculture, Forestry & Fishery Programs	50	11	61
grams Service Trades Programs 81 48 129 Mass Communication & Documentation 7 2 9 Other Programs 56 10 66 Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,933		5	5	10
Mass Communication & Documentation 7 2 9 Other Programs 56 10 66 Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,933	•	46	8	54
Other Programs 56 10 66 Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,933	Service Trades Programs	81	48	129
Sub Total 2,020 464 2,484 No Training or Training Not Stated 1,465 468 1,933	Mass Communication & Documentation	7	2	9
No Training or Training Not Stated 1,465 468 1,933	Other Programs	56	10	66
	Sub Total	2,020	464	2,484
Total 3,485 932 4,417	No Training or Training Not Stated	1,465	468	1,933
	Total	3,485	932	4,417

Table 1.6b: Percentage of Employee Work Permit Holders by Subject of Training and Sex, September 2017

Subject of Training	Male	Female	Total
General Training Programs	0,4	0,1	0,4
Education Training	2,4	10,0	4,0
Fine & Applied Arts	0,4	0,8	0,5
Programs in Languages	0,3	0,8	0,4
Other Humanity Programs	1,1	1,7	1,3
Social & Behavior Science Programs	1,1	2,7	1,5
Commercial, Clerical, Business & Public Administration Programs	7,5	7,7	7,5
Programs in Law	0,3	0,4	0,3
Natural Science Programs	2,1	1,7	2,0
Mathematics & Computer Science Programs	2,2	1,5	2,1
Medicine & Health related Programs	2,2	5,7	3,0
Construction and Trade Programs	2,7	0,1	2,1
Other Craft and Trade Programs	9,3	4,9	8,4
Engineering & Allied Programs	17,2	2,0	14,0
Architectural & Town Planning Programs	1,6	0,6	1,4
Agriculture, Forestry & Fishery Programs	1,4	1,2	1,4
Home Economics & Domestic Science Programs	0,1	0,5	0,2
Transportation & Communication Programs	1,3	0,9	1,2
Service Trades Programs	2,3	5,2	2,9
Mass Communication & Documentation	0,2	0,2	0,2
Other Programs	1,6	1,1	1,5
Sub Total	58,0	49,8	56,2
No Training or Training Not Stated	42,0	50,2	43,8
Total	100	100	100

Table 1.7: Quarterly Work Permit Holders by Industry and Sex, Fourth Quarter 2016 - Third Quarter 2017

	4th Quarter (December 2016)			1st Quarter (March 2017)			2nd Quarter (June 2017			3rd Quarter (September 2017)		
Industry	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Agriculture	1,097	449	1,546	1,268	500	1,768	1,235	463	1,698	1,131	407	1,538
Mining & Quarrying	92	4	96	114	6	120	115	6	121	110	4	114
Manufacturing	410	65	475	445	74	519	439	83	522	408	76	484
Electricity & Water	45	3	48	98	3	101	89	3	92	88	3	91
Construction	785	19	804	881	22	903	823	24	847	739	25	764
Wholesale & Retail Trade	345	78	423	353	75	428	367	80	447	342	75	417
Hotels & Restaurants	110	66	176	111	67	178	114	71	185	107	70	177
Transport & Communication	224	50	274	219	47	266	217	47	264	206	47	253
Finance	65	19	84	77	26	103	78	26	104	63	19	82
Real Estate	365	103	468	382	109	491	356	106	462	318	92	410
Education	248	169	417	295	196	491	296	188	484	256	170	426
Health	125	85	210	130	91	221	141	97	238	127	91	218
Other Community	129	43	172	147	46	193	142	43	185	134	40	174
Private Households	3	21	24	3	24	27	3	24	27	2	21	23
Foreign Mission	17	8	25	16	8	24	15	6	21	12	6	18
Not Stated	42	9	51	49	16	65	43	15	58	40	13	53
Total	4,102	1,191	5,293	4,588	1,310	5,898	4,473	1,282	5,755	4,083	1,159	5,242
Quarter to Quarter % Change	6,9	10,4	7,7	11.8	10.0	11.4	-2.5	-2.1	-2.4	-8.7	-9.6	-8.9

Table 1.8: Total Work Permit Holders by Industry and Year, 2009 – 2017

Industry	2009	2010	2011	2012	2013	2014	2015	2016	2017
Agriculture	4,209	3,8	2,848	2,108	1,612	1,322	1,552	1,546	1,538
Mining & Quarrying	175	191	188	134	106	104	105	96	114
Manufacturing	2,035	1,59	1,282	903	491	526	522	475	484
Electricity & Water	101	99	113	81	48	50	52	48	91
Construction	3,579	3,776	3,997	2,771	1,245	1,185	1,062	804	764
Wholesale & Retail Trade	2,042	1,903	1,836	1,42	1,129	944	668	423	417
Hotels & Restaurant	340	350	340	272	200	216	201	176	177
Transport & Communication	803	732	692	502	391	369	337	274	253
Finance	296	247	178	126	72	82	73	84	82
Real Estate	3,429	2,754	2,129	1,46	916	693	523	468	410
Education	980	815	927	526	474	476	493	417	426
Health	436	377	391	297	225	227	239	210	218
Other Community	582	572	532	411	252	226	207	172	174
Private Households	40	53	51	34	10	21	21	24	23
Foreign Mission	2	27	16	12	14	75	34	25	18
Not Stated	31	-	9	5	24	-	43	51	53
Total	19,080	17,286	15,529	11,062	7,209	6,516	6,132	5,293	5,242

Note: Totals are as at end of December each year, except for 2017 is at end of September.

Table 1.9: Total Employee Work Permit Holders by Occupation and Year, 2009 – 2017

Occupation	2009	2010	2011	2012	2013	2014	2015	2016	2017
Managers/Administrators	1,590	1,417	1,214	839	639	794	887	841	791
Professionals	2,374	2,210	1,770	1,160	679	779	954	915	955
Technicians	2,165	1,739	1,755	1,170	760	552	593	597	580
Clerks	31	25	15	11	8	3	5	9	9
Service/Sales Workers	417	314	235	164	90	69	78	86	60
Skilled Agricultural Workers	23	16	9	7	37	52	71	86	81
Craft Workers	1,95	1,792	1,784	1,150	456	469	521	417	386
Plant & Machine Operators	983	870	638	462	261	214	194	138	134
Elementary Occupations	4,025	3,581	2,632	1,932	1,410	1,122	1,368	1,373	1,358
Other	1	2	2	2	14	38	28	31	30
Total	13,562	11,966	10,054	6,897	4,354	4,092	4,699	4,493	4,417

Note: Totals are as at end of December each year except for 2017 is at end of September.