



الهيئة العامة للإحصاء  
General Authority for Statistics

## Employment and Wages Survey

2017

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## Introduction

By virtue of Royal Decree No. (23) of 7/12/1379A.H., the General Authority for Statistics (GAStat) is entitled to collect economic, social and demographic data in the Kingdom to be published periodically. Acting under this right, GASTat has developed statistical research programs to boost its economic database. Among these programs conducted by GASTat is the economic survey program.

Employment and wages statistics is highly important as it is one of the necessary means to assess wages and work conditions for workers in public and private establishments. General Authority for Statistics (GAStat) has started this survey as early as 1395A.H.

On this occasion, GASTat extends special thanks and profound gratitude to all those who contributed to the accomplishment of this project, particularly the establishments included in the sample of this survey for their cooperation in providing the required data. As GASTat hopes that the results of this survey will contribute to enhancing the statistical economic database, it welcomes all suggestions that may improve this survey.

May Allah grant success,

General Authority for Statistics (GAStat)

General Administration of Industry and Business Statistics





## Main Features of the Survey

### First: Survey Objectives

1. Provide economic and social data on workers in public and private sector establishments
2. Measuring the total number of workers in public and private sectors based on economic activity, sex and nationality.
3. Measuring average monthly wage by occupation and economic activity.
4. Measuring average monthly wage according to main professions.
5. Evaluating wage levels and work conditions for workers in public and private sector establishments.
6. Giving indicators on average working hours according to economic activity.
7. Comparing average wages for all workers over various periods
8. Studying wages orientations and its changes over time
9. Providing the needed statistical data and information on all economic activities for government bodies and agencies as well as researchers; and
10. Using such data to make local, regional and international comparisons and carry out studies and analyses.





## Second: Aspects of benefit:

The results of the employment and wages survey serves to support labor the Saudi market decision-makers and planners, as indicators of the survey help in drafting programs and plans that aim to provide economic and social database workers in public and private sector establishments.

As well, regional and international organizations, researchers, academics and those interested in the labor market can make use of the survey results in publishing their reports, studies and researches.

## Third: Survey Sample

stratified random sampling has been utilized in taking samples of selected establishments. Given the importance of such samples, Probability Proportional to Size (PPS) is used to ensure choosing the most important establishments accordingly.





## Definitions

### 1. Worker:

Refers to the Saudi or non-Saudi performing a certain work in the establishment, including Establishment Owner full-time or part-time employee, permanent or on-contract, male or female.

### 2. Economic activity:

All activities performed or services provided by the establishment in return for consideration. The economic activity classification of establishments is based on International Standard Industrial Classification of All Economic Activities, Rev.4(ISIC 4).

### 3. Profession:

The main work of the worker in which he or she spends most of his or her time during the said time reference

### 4. Worked Hours:

The total number of official hours that the worker spent at the establishment during the time reference

### 5. Average working hours:

An indicator that measures the average actual and ordinary average working hours met by the employed population, i.e. total working hours to total employed population.

### 6. Monthly salary:

The wage a worker receives including any additions, allowances, deductions, or discounts for the official working hours during the time reference.

### 7. Average Salary:

An indicator that measures the average salary of the employed persons with paid jobs, i.e. total salary to total employed persons with paid jobs





## 8. Nationality:

Refers to the legal accountability of the worker as for his belonging to a given country





## Survey methodology

- **Exploring the Needs**

GASat, represented by the General Administration of Industry and Business Statistics, has communicated and held meetings with the most important beneficiaries and has taken their needs and opinions about the data into consideration while designing the survey form.

- **Survey Form Design**

The employment and wages survey is one of the tools used to collect detailed data on workers, their education level, profession, working hours, due monthly salary and monthly benefits according to economic activities, which in turn meet the needs of public and private partners and individuals.

- **Sample Collection and Selection**

It covers all the kingdom's administrative districts with giving a greater importance to cities given that they have nearly 84% of all Establishment in the kingdom and are inhabited by nearly 91% of all workers in the kingdom.

The survey also covered capitals of administrative districts with varied economic, social and service activities, as well as varying surface areas and sizes.

- **Data Collection Method**

Survey data are collected through face-to-face interviews by qualified and well-trained researchers under the direct supervision of the General Authority for Statistics (GASat) staff to cover every region and city of the Kingdom; using the form designed for this purpose or using the Tablet.

- **Data Collection Tools**

Field Data collection was utilized the e-form or Tablet device designed for this purpose which includes all households' data.

- **Loading and archiving aggregated metadata on databases**

Field researchers in all districts in the Kingdom have use the synchronization feature on tablets to transfer the survey data directly to the database in GASat main premise to be stored for reviewing and processing.







- **Data evaluation and quality**

The main lines for quality application are summarized as follows:

- To develop and prepare different programs for checking data and making sure of its integrity and accuracy.
- To make sure of the researcher's arrival at the required location and commitment to the specified time.
- A team of specialists at GASTat made repeated regular visits to each city of the surveyed cities in accordance with a set timeframe.
- A quality sample is taken automatically at the level of the city and researcher.
- Special follow-up by quality controller during field work and after surveys are done.
- Monitor and consider all feedback and suggestions by clients
- Assess work periodically and follow-up international developments in this regard.
- Take the necessary measures and steps to implement data quality improvement.





## RESULTS OF Employment and Wages Survey



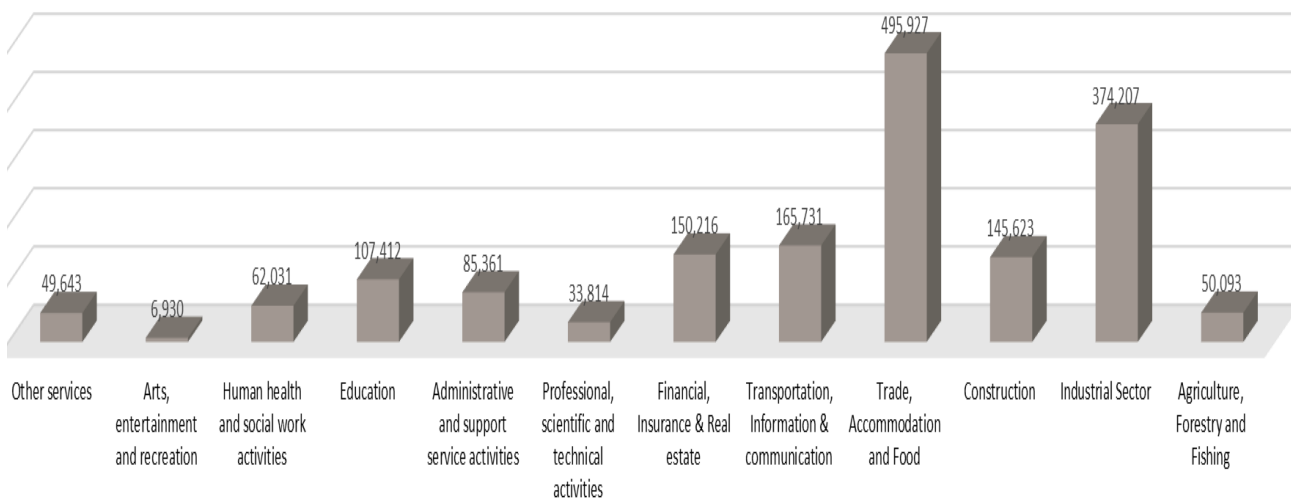
Table 1

### Saudi employees by establishment size and economic activity 2017

Economic Activity	Micro	Small	Medium	Large	Total
	1 - 5	6 - 49	50 - 249	250	
1 Agriculture, Forestry and Fishing	41,947	3,368	1,084	3,694	50,093
2 Industrial Sector	30,446	42,371	56,290	245,099	374,207
3 Construction	20,165	37,080	25,493	62,885	145,623
4 Trade, Accommodation and Food	268,388	138,574	54,689	34,275	495,927
5 Transportation, Information & communication	12,845	29,773	23,713	99,400	165,731
6 Financial, Insurance & Real estate	56,016	48,581	13,726	31,893	150,216
7 Professional, scientific and technical activities	9,095	14,360	5,048	5,310	33,814
8 Administrative and support service activities	22,219	19,806	18,192	25,144	85,361
9 Education	6,627	69,282	26,549	4,953	107,412
10 Human health and social work activities	2,858	24,648	14,432	20,093	62,031
11 Arts, entertainment and recreation	1,644	3,676	1,610	0	6,930
12 Other services	27,172	16,567	4,119	1,786	49,643
<b>Total</b>	<b>499,424</b>	<b>448,087</b>	<b>244,944</b>	<b>534,533</b>	<b>1,726,987</b>



Saudi employees by economic activity 2017





### Distribution of Saudi employees by size of establishment

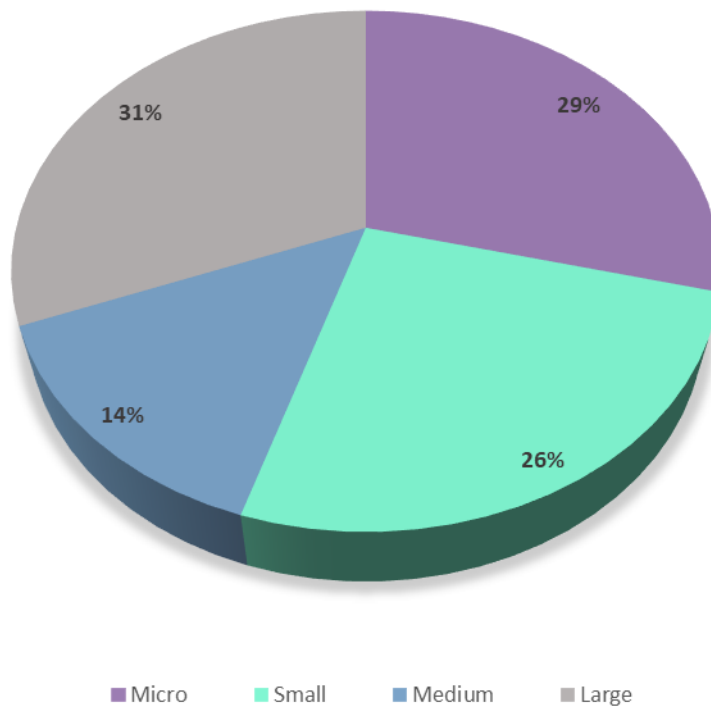




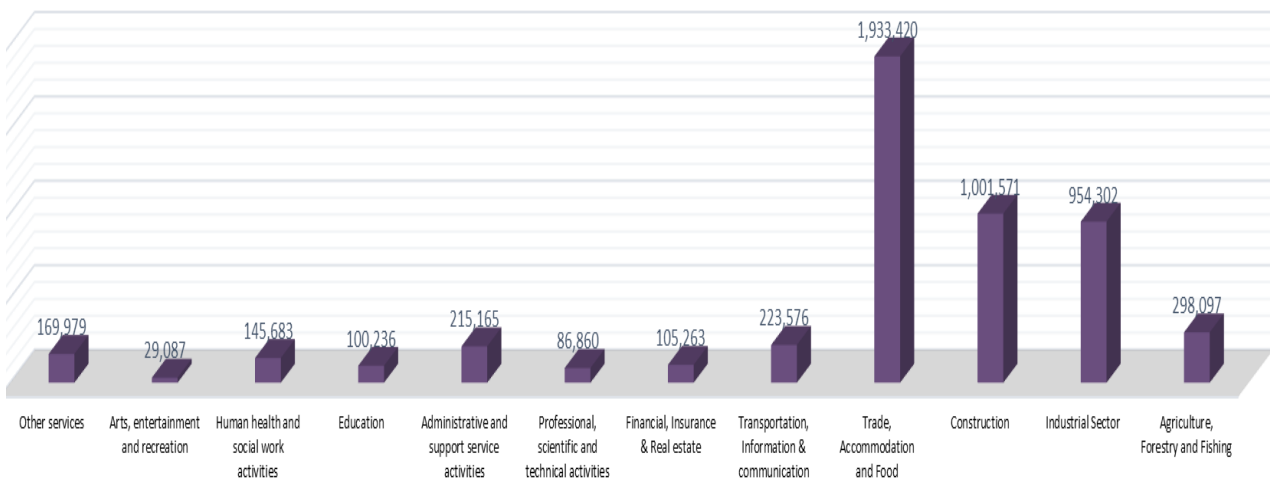
Table 2

### Non-Saudi employees by establishment size and economic activity 2017

Economic Activity	Micro	Small	Medium	Large	Total
	1 - 5	6 - 49	50 - 249	250	--
1 Agriculture, Forestry and Fishing	191,056	54,595	14,195	38,252	298,097
2 Industrial Sector	237,532	194,458	206,368	315,944	954,302
3 Construction	51,947	152,288	151,179	646,158	1,001,571
4 Trade, Accommodation and Food	1,111,356	574,944	142,882	104,238	1,933,420
5 Transportation, Information & communication	31,009	67,830	52,333	72,404	223,576
6 Financial, Insurance & Real estate	25,712	30,724	16,401	32,425	105,263
7 Professional, scientific and technical activities	19,108	29,384	20,183	18,185	86,860
8 Administrative and support service activities	26,732	34,986	34,127	119,319	215,165
9 Education	3,713	58,996	34,604	2,923	100,236
10 Human health and social work activities	2,226	41,405	41,398	60,654	145,683
11 Arts, entertainment and recreation	5,803	16,986	6,298	0	29,087
12 Other services	133,280	23,520	8,199	4,981	169,979
<b>Total</b>	<b>1,839,475</b>	<b>1,280,116</b>	<b>728,167</b>	<b>1,415,482</b>	<b>5,263,239</b>



### Non-Saudi employees by economic activity



Distribution of non-Saudi employees by establishment size

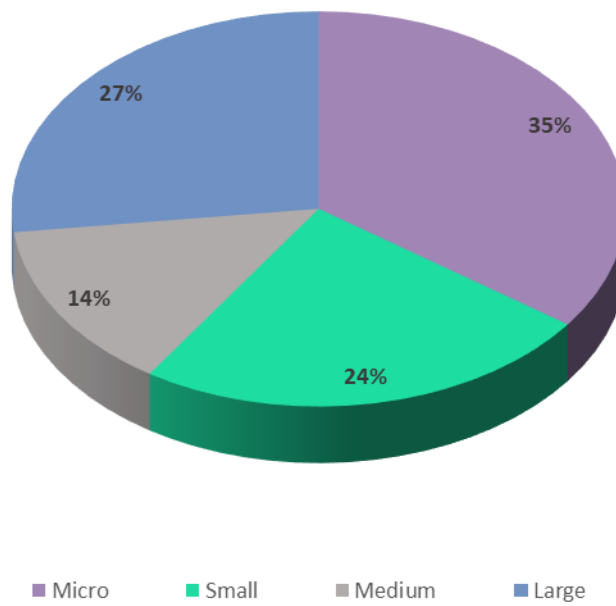


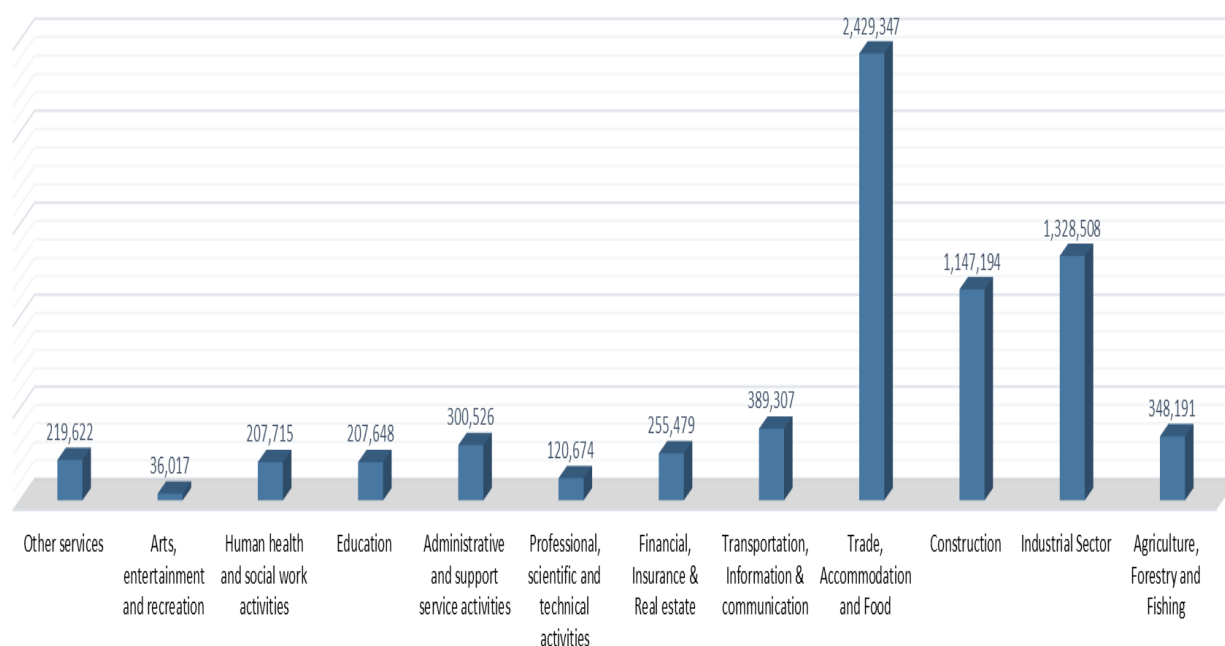
Table 3

### Number of employees by establishment size and economic activity 2017

Economic Activity	Micro	Small	Medium	Large	Total
	5-1	49-6	249-6	250	
1 Agriculture, Forestry and Fishing	233,004	57,963	15,279	41,945	348,191
2 Industrial Sector	267,978	236,829	262,658	561,043	1,328,508
3 Construction	72,112	189,368	176,671	709,043	1,147,194
4 Trade, Accommodation and Food	1,379,744	713,518	197,571	138,513	2,429,347
5 Transportation, Information & communication	43,854	97,603	76,045	171,804	389,307
6 Financial, Insurance & Real estate	81,728	79,305	30,127	64,318	255,479
7 Professional, scientific and technical activities	28,204	43,744	25,231	23,495	120,674
8 Administrative and support service activities	48,951	54,792	52,319	144,463	300,526
9 Education	10,341	128,278	61,153	7,876	207,648
10 Human health and social work activities	5,084	66,053	55,830	80,747	207,715
11 Arts, entertainment and recreation	7,447	20,662	7,908	0	36,017
12 Other services	160,451	40,086	12,317	6,767	219,622
<b>Total</b>	<b>2,338,898</b>	<b>1,728,203</b>	<b>973,110</b>	<b>1,950,015</b>	<b>6,990,226</b>



Number of workers by economic activity





### Distribution of employees by size of establishment

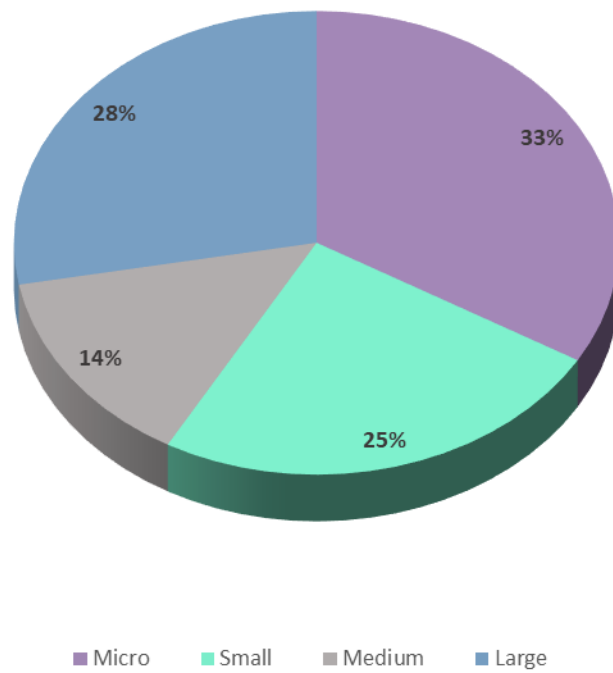






Table 4

### Saudi employees by Main occupation groups 2017

Main Occupation Groups		Male	Female	Total
1	Lawmakers, managers and executive directors	101,515	39,695	141,210
2	Specialists in Professional, Technical and Humanitarian Fields	96,056	43,860	139,916
3	Technicians in Professional, Technical and Humanitarian Fields	119,282	66,543	185,825
4	Occupations of Clerical work	281,321	199,309	480,630
5	Sales	111,601	96,624	208,225
6	Services	289,861	46,351	336,212
7	Occupations of Agriculture, Animal Husbandry & Fishing	3,497	525	4,022
8	Occupations of Industrial , Chemical Operations and Food	22,169	6,761	28,930
9	Occupations of Supporting Basic Engineering	185,462	16,555	202,017
<b>Total</b>		<b>1,210,765</b>	<b>516,222</b>	<b>1,726,987</b>



Saudi employees by main occupation groups

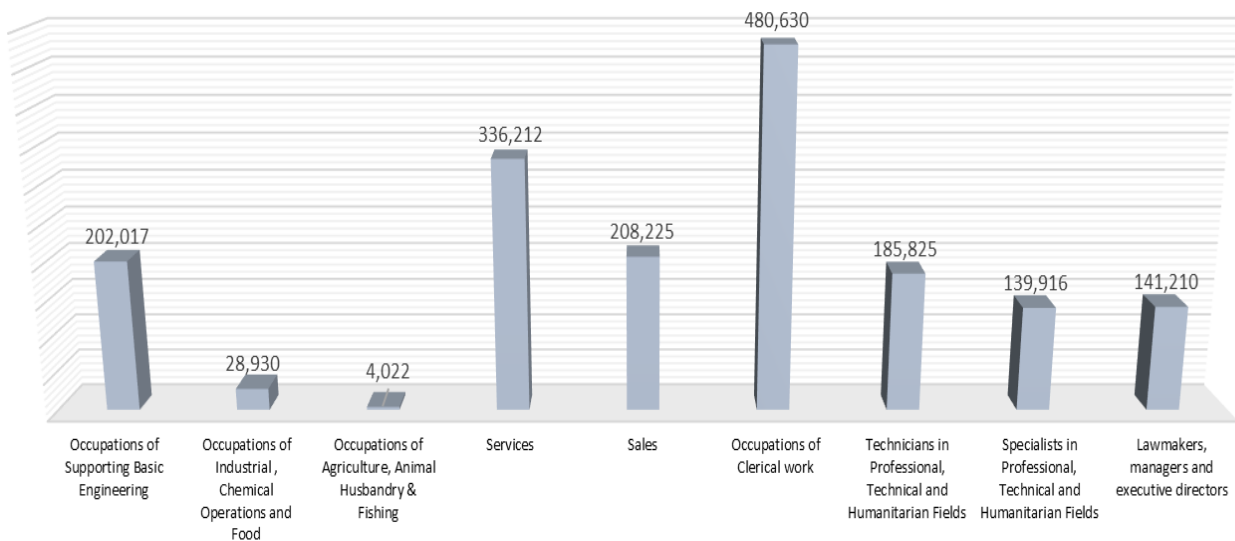




Table 5

### Saudi employees by main occupation groups 2017

Main Occupation Groups	Male	Female	Total
1 Lawmakers, managers and executive directors	43,257	1,356	44,614
2 Specialists in Professional, Technical and Humanitarian Fields	183,218	15,127	198,345
3 Technicians in Professional, Technical and Humanitarian Fields	302,807	35,806	338,613
4 Clerical work	48,873	5,706	54,579
5 Sales	196,284	4,802	201,086
6 Services	2,546,690	63,889	2,610,579
7 Occupations of Agriculture, Animal Husbandry & Fishing	62,443	67	62,510
8 Occupations of Industrial , Chemical Operations and Food	121,226	4,289	125,516
9 Occupations of Supporting Basic Engineering	1,625,588	1,809	1,627,397
<b>Total</b>	<b>5,130,387</b>	<b>132,852</b>	<b>5,263,239</b>



### Non- Saudi employees by main occupation groups

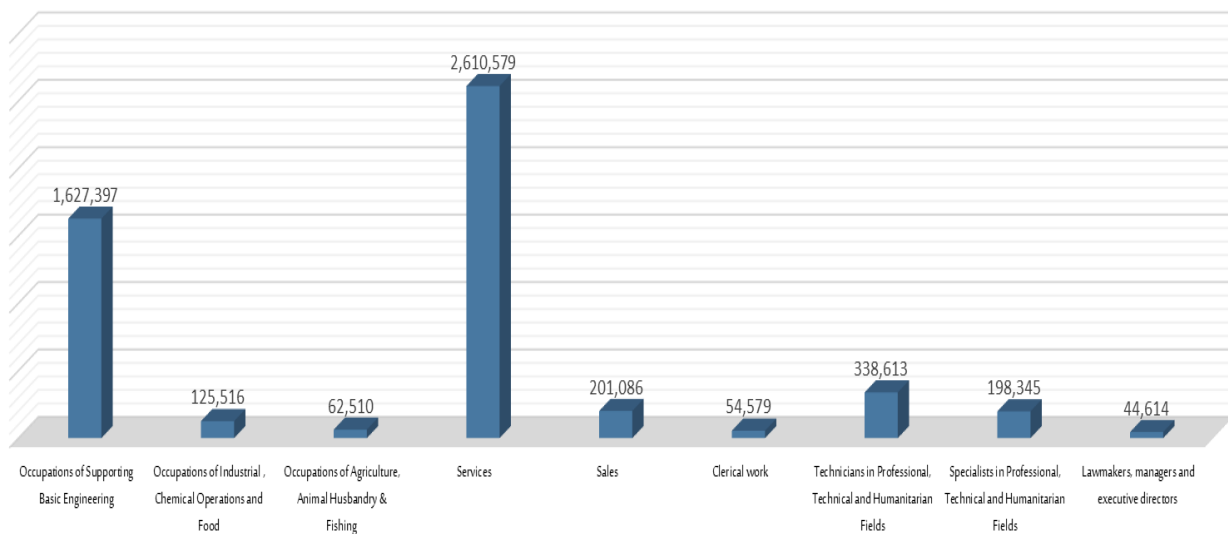




Table 6

### Number of employees by main occupation groups 2017

Main Occupation Groups	Male	Female	Total
1 Lawmakers, managers and executive directors	144,772	41,051	185,823
2 Specialists in Professional, Technical and Humanitarian Fields	279,274	58,987	338,261
3 Technicians in Professional, Technical and Humanitarian Fields	422,089	102,349	524,438
4 Clerical work	330,194	205,015	535,210
5 Sales	307,885	101,426	409,311
6 Services	2,836,552	110,240	2,946,792
7 Occupations of Agriculture, Animal Husbandry & Fishing	65,940	592	66,533
8 Occupations of Industrial , Chemical Operations and Food	143,395	11,050	154,445
9 Occupations of Supporting Basic Engineering	1,811,050	18,364	1,829,414
<b>Total</b>	<b>6,341,152</b>	<b>649,074</b>	<b>6,990,226</b>



Number of employees by main occupation groups

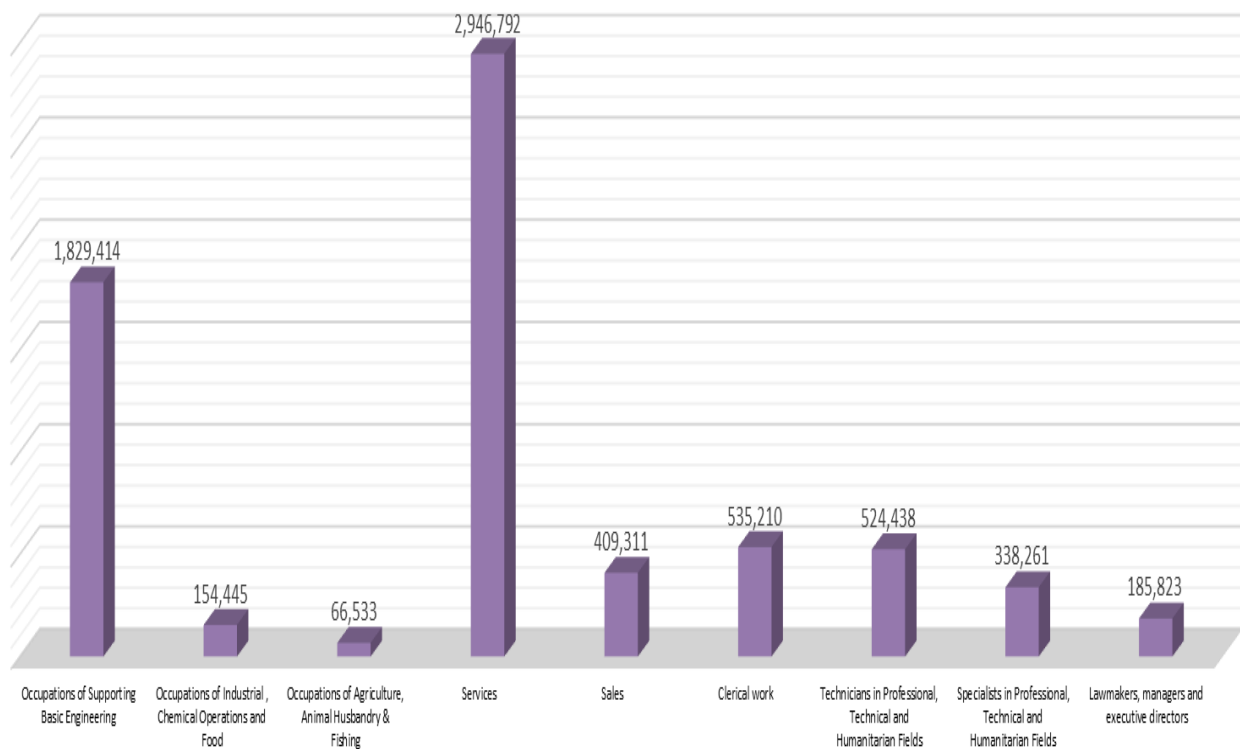




Table 7

### Average salary for Saudi employees by establishment size and economic activity 2017

Economic Activity	Micro	Small	Medium	Large	Average
	1 - 5	6 - 49	50 - 249	250	
1 Agriculture, Forestry and Fishing	3,610	4,244	4,194	4,056	3,776
2 Industrial Sector	24,224	24,151	22,227	16,003	16,988
3 Construction	5,044	5,912	6,390	6,943	6,522
4 Trade, Accommodation and Food	4,768	4,768	4,391	4,247	4,707
5 Transportation, Information & communication	11,984	11,383	11,306	8,636	9,845
6 Financial, Insurance & Real estate	13,950	13,017	14,785	14,347	13,099
7 Professional, scientific and technical activities	7,544	7,571	8,592	8,648	7,944
8 Administrative and support service activities	4,141	4,386	4,446	5,989	5,014
9 Education	4,062	4,429	5,110	4,109	4,585
10 Human health and social work activities	4,466	5,675	6,127	6,493	6,042
11 Arts, entertainment and recreation	4,743	4,817	4,732	4,780	4,780
12 Other services	4,190	2,996	3,098	3,587	3,835
<b>Average</b>	<b>5,359</b>	<b>6,861</b>	<b>7,623</b>	<b>9,897</b>	<b>7,372</b>



Average salary for Saudi employees by economic activity

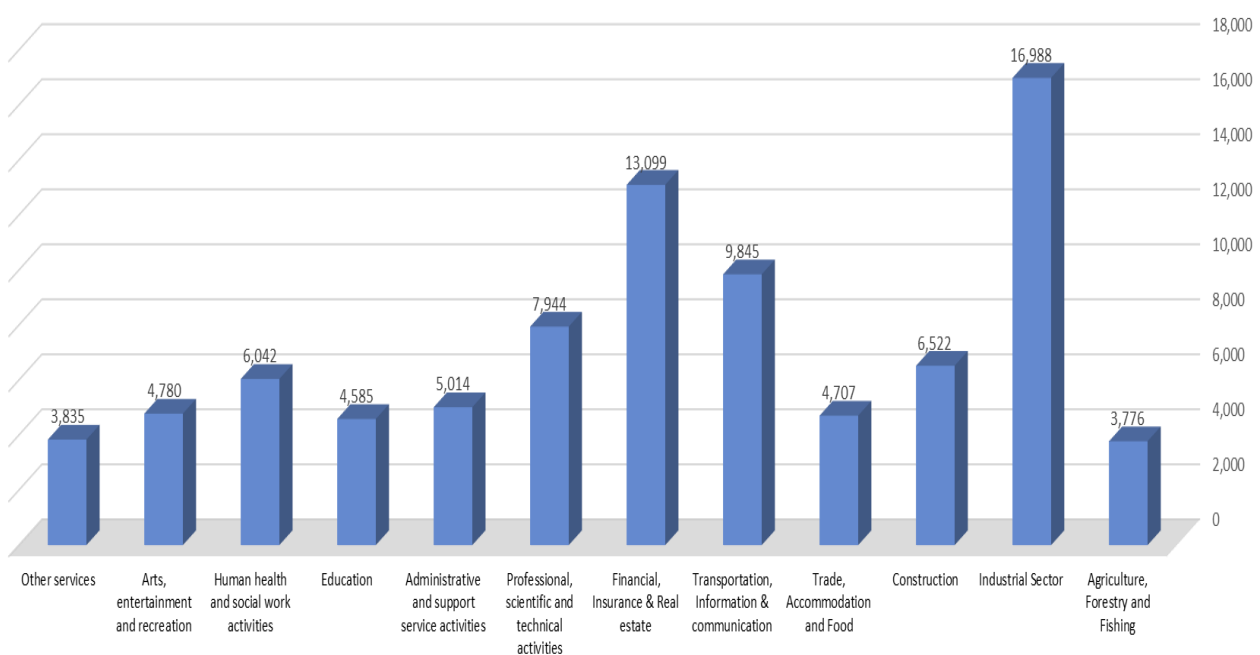




Table 8

### Average salary for non-Saudi employees by establishment size and economic activity 2017

Economic Activity	Micro	Small	Medium	Large	Average
	1 - 5	6 - 49	50 - 249	250	
1 Agriculture, Forestry and Fishing	1,337	1,572	1,553	1,502	1,399
2 Industrial Sector	8,972	8,945	8,232	5,927	6,292
3 Construction	1,868	2,190	2,367	2,572	2,415
4 Trade, Accommodation and Food	1,766	1,766	1,626	1,573	1,743
5 Transportation, Information & communication	4,439	4,216	4,188	3,199	3,646
6 Financial, Insurance & Real estate	5,167	4,821	5,476	5,314	4,852
7 Professional, scientific and technical activities	2,794	2,804	3,182	3,203	2,942
8 Administrative and support service activities	1,534	1,624	1,647	2,218	1,857
9 Education	1,504	1,640	1,893	1,522	1,698
10 Human health and social work activities	1,654	2,102	2,269	2,405	2,238
11 Arts, entertainment and recreation	1,757	1,784	1,752	1,770	1,770
12 Other services	1,552	1,110	1,147	1,329	1,420
<b>Average</b>	<b>1,985</b>	<b>2,541</b>	<b>2,823</b>	<b>3,665</b>	<b>2,731</b>



Average salary for non-Saudi employees by economic activity

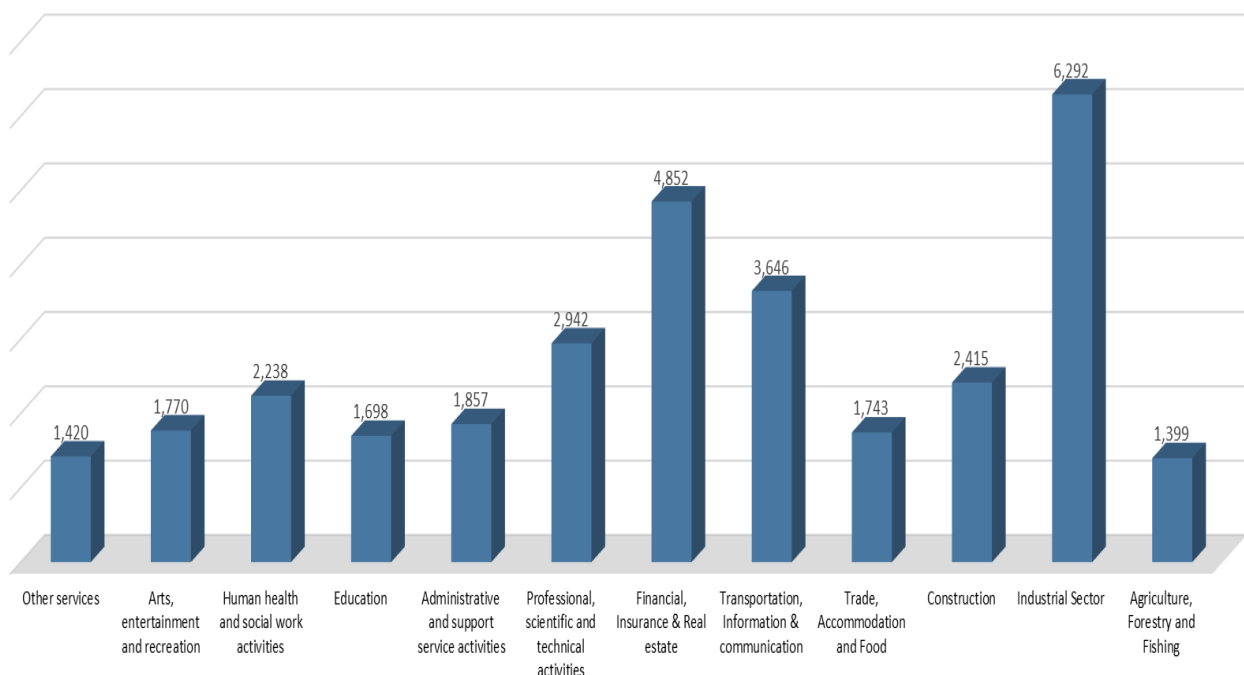




Table 9

### Average salary for employees by nationality and economic activity 2017

Economic Activity	Saudi	Non-Saudi	Average
1 Agriculture, Forestry and Fishing	3,776	1,399	1,791
2 Industrial Sector	16,989	6,292	12,638
3 Construction	8,860	3,281	2,953
4 Trade, Accommodation and Food	4,707	1,744	3,575
5 Transportation, Information & communication	6,347	2,351	3,477
6 Financial, Insurance & Real estate	9,845	3,647	5,929
7 Professional, scientific and technical activities	7,944	2,942	4,455
8 Administrative and support service activities	5,014	1,857	2,853
9 Education	4,585	1,698	3,294
10 Human health and social work activities	6,042	2,238	3,442
11 Arts, entertainment and recreation	4,780	1,770	2,450
12 Other services	3,835	1,420	1,976
<b>Average</b>	<b>7,372</b>	<b>2,731</b>	<b>3,971</b>



Average salary for employees by economic activity

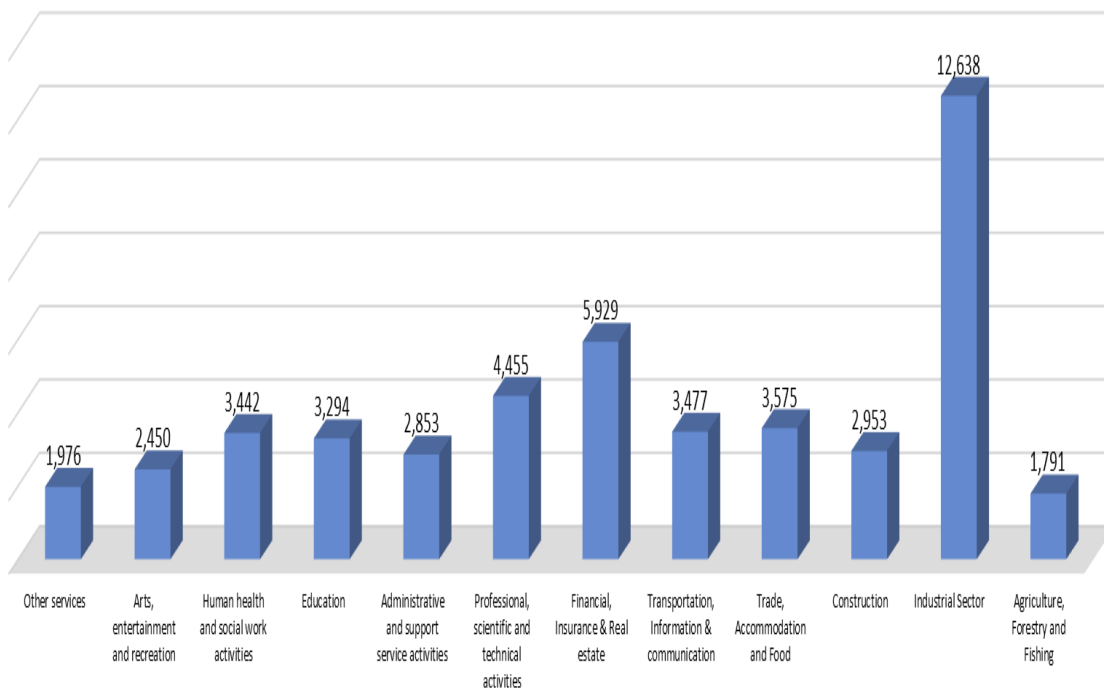




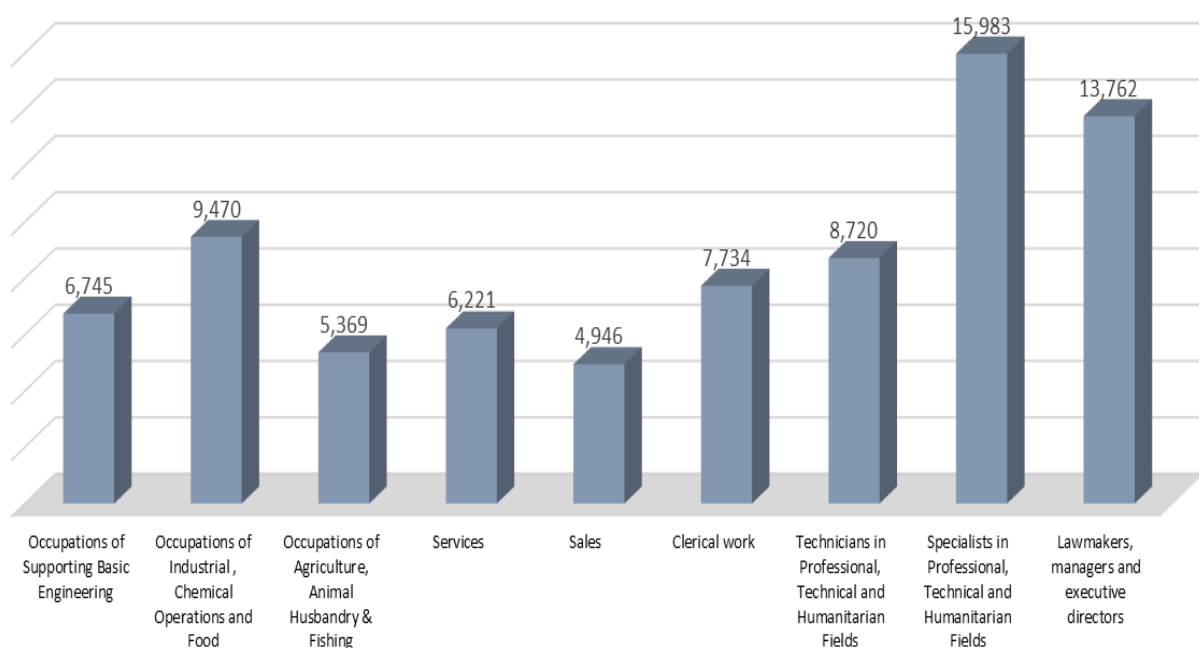
Table 10

### Average salary for Saudi employees by sex and main occupation groups 2017

Main Occupation Groups	Male	Female	Total
1 Lawmakers, managers and executive directors	13,762	5,246	11,368
2 Specialists in Professional, Technical and Humanitarian Fields	15,983	8,479	13,631
3 Technicians in Professional, Technical and Humanitarian Fields	8,720	6,053	7,765
4 Clerical work	7,734	4,490	6,389
5 Sales	4,946	3,761	4,396
6 Services	6,221	4,334	5,961
7 Occupations of Agriculture, Animal Husbandry & Fishing	5,369	3,648	5,145
8 Occupations of Industrial , Chemical Operations and Food	9,470	4,023	8,197
9 Occupations of Supporting Basic Engineering	6,745	4,006	6,520
<b>Total</b>	<b>8,388</b>	<b>4,939</b>	<b>7,372</b>



### Average salary for Saudi male employees by main occupation groups





### Average salary for Saudi female employees by main occupation groups

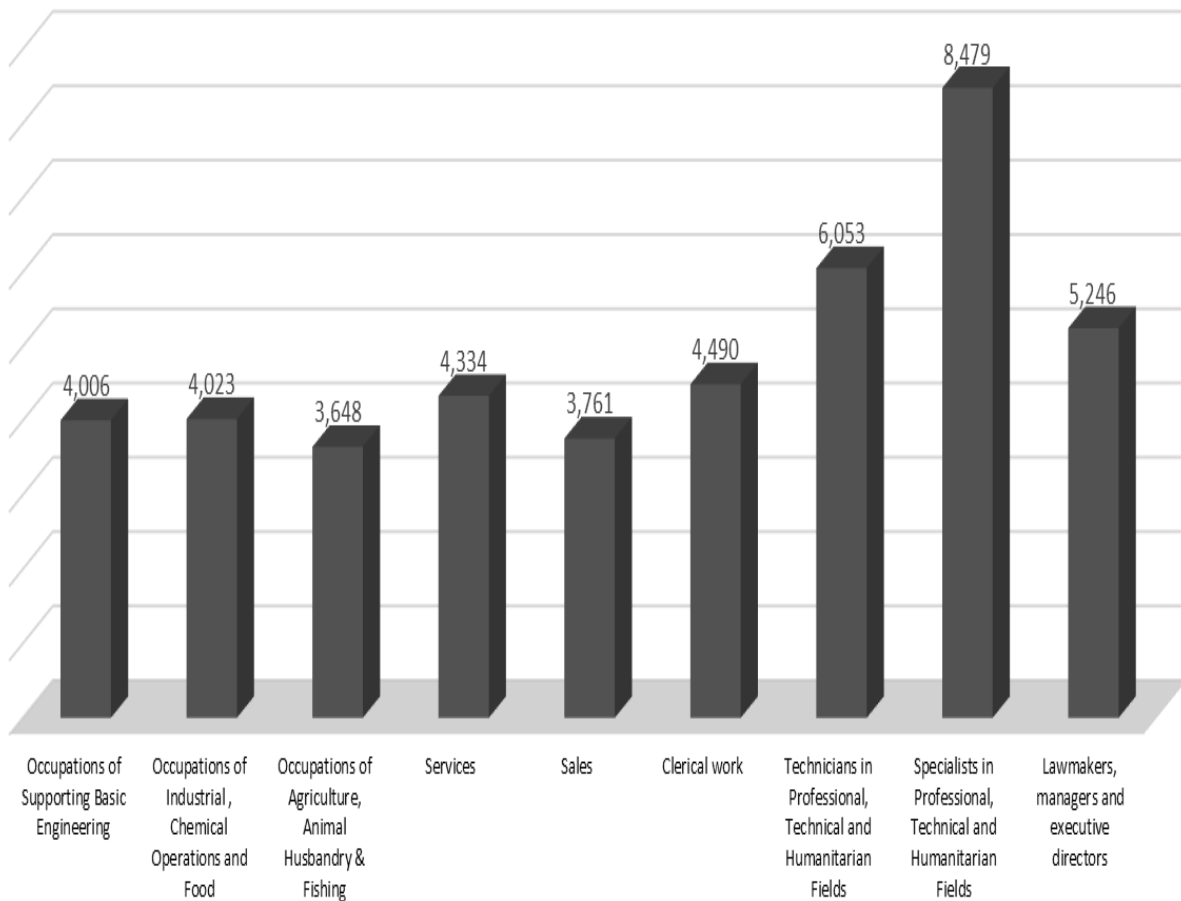






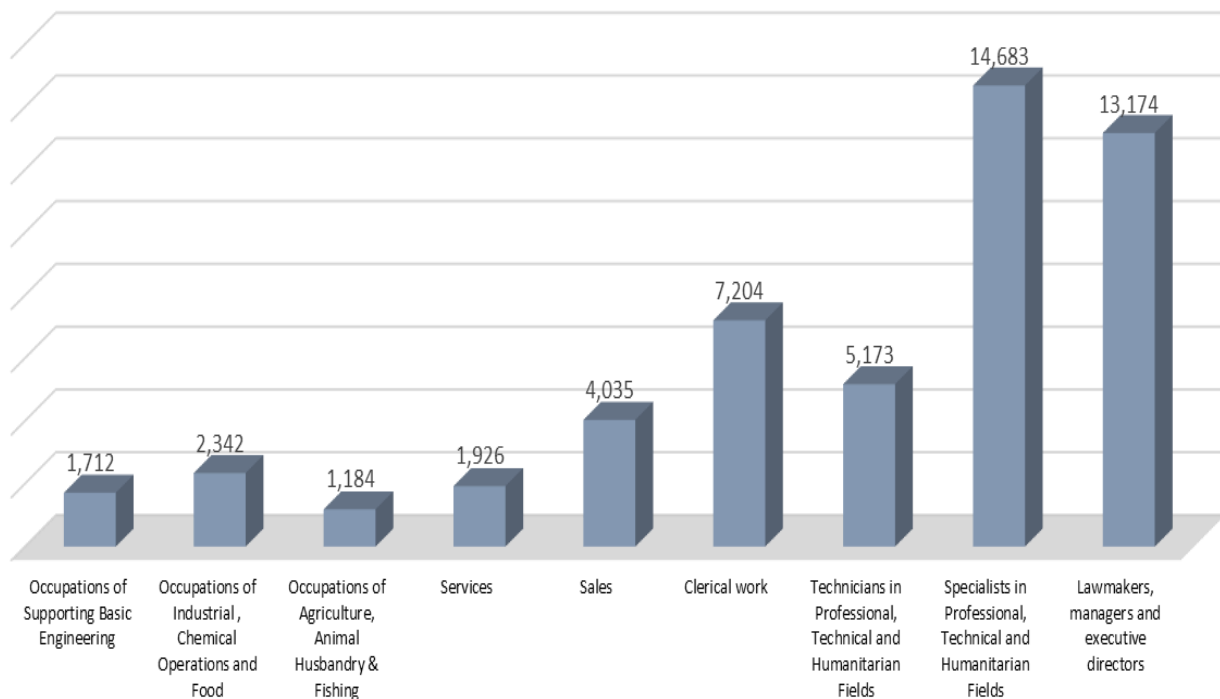
Table 11

### Average salary for non-Saudi employees by sex and main occupation groups 2017

Main Occupation Groups		Male	Female	Average
1	Lawmakers, managers and executive directors	13,174	8,967	13,046
2	Specialists in Professional, Technical and Humanitarian Fields	14,683	12,463	14,514
3	Technicians in Professional, Technical and Humanitarian Fields	5,173	5,520	5,210
4	Clerical work	7,204	5,476	7,023
5	Sales	4,035	5,205	4,063
6	Services	1,926	2,691	1,945
7	Occupations of Agriculture, Animal Husbandry & Fishing	1,184	1,433	1,185
8	Occupations of Industrial , Chemical Operations and Food	2,342	1,927	2,328
9	Occupations of Supporting Basic Engineering	1,712	2,670	1,713
Average		2,679	4,737	2,731



### Average salary for non-Saudi male employees by main occupation groups





### Average salary for non-Saudi female employees by main occupation groups

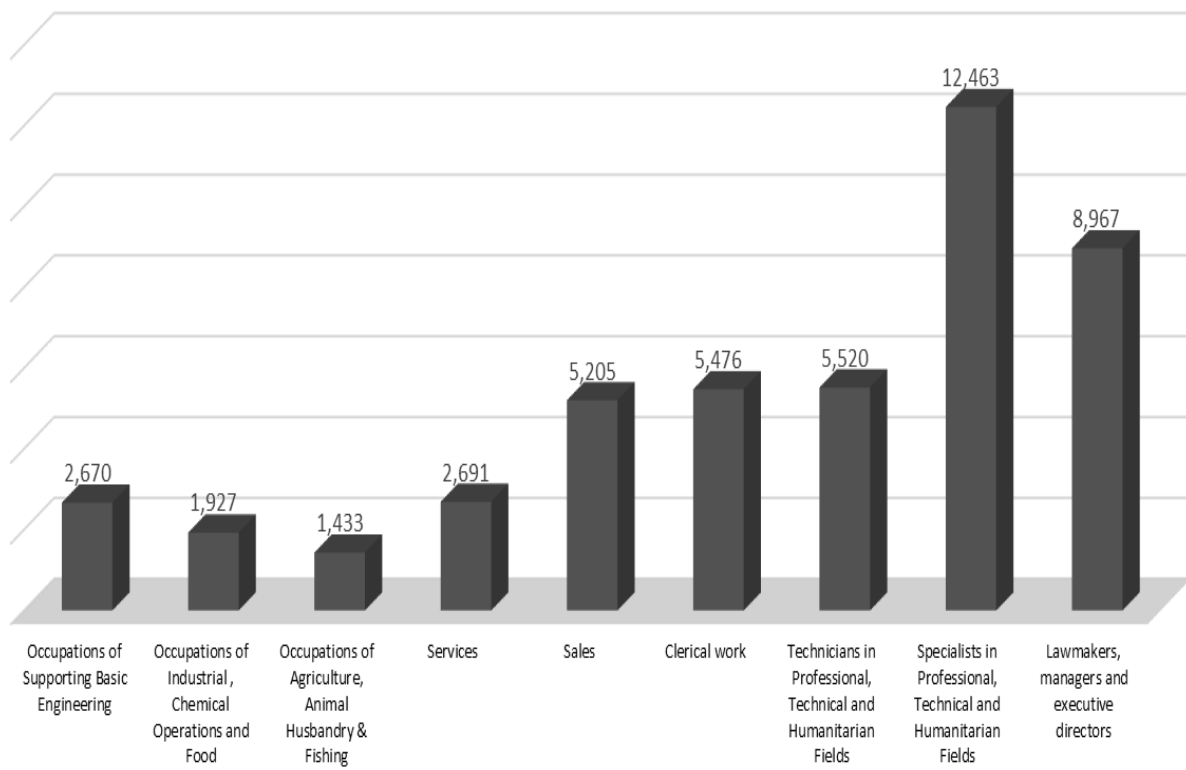




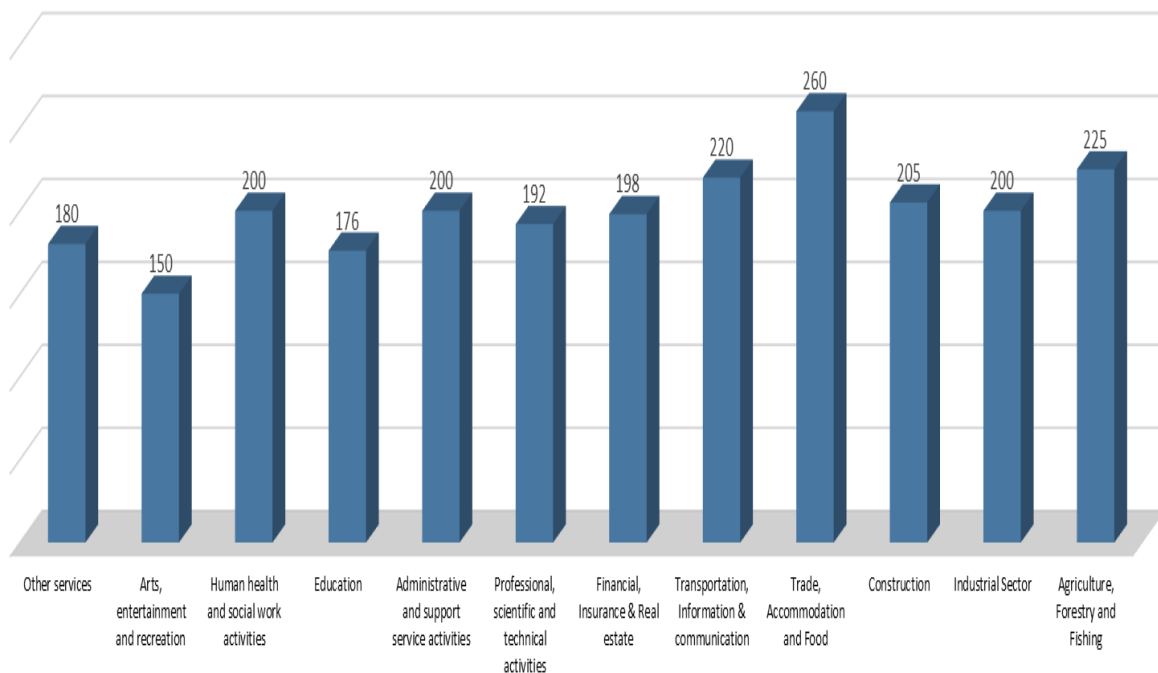
Table 12

### Average monthly working hours for Saudi employees by economic activity 2017

Economic Activity	Male	Female	Average
1 Agriculture, Forestry and Fishing	225	220	223
2 Industrial Sector	200	190	195
3 Construction	205	205	205
4 Trade, Accommodation and Food	260	244	252
5 Transportation, Information & communication	220	200	210
6 Financial, Insurance & Real estate	198	195	197
7 Professional, scientific and technical activities	192	200	196
8 Administrative and support service activities	200	230	215
9 Education	176	180	178
10 Human health and social work activities	200	195	198
11 Arts, entertainment and recreation	150	165	158
12 Other services	180	177	179
<b>Average</b>	<b>201</b>	<b>200</b>	<b>200</b>



Average monthly working hours for Saudi male employees by economic activity





### Average monthly working hours for Saudi female employees by economic activity

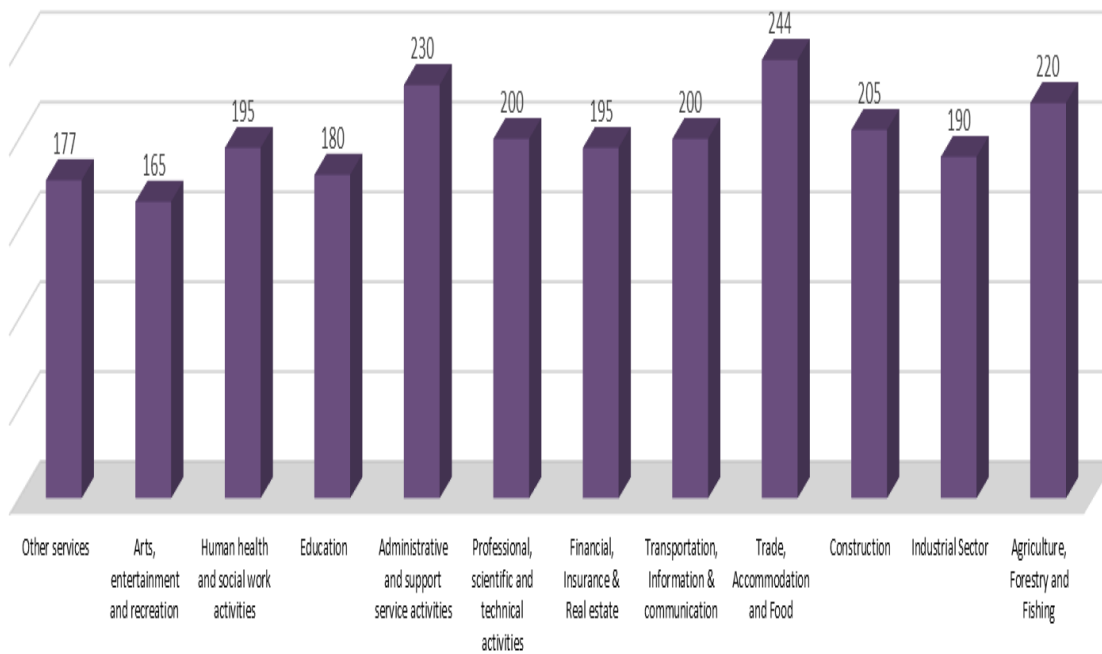




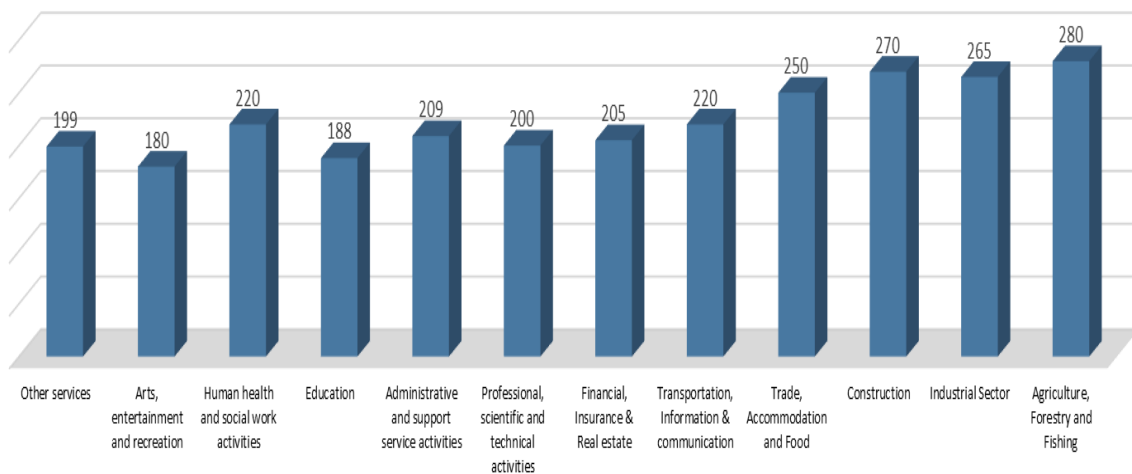
Table 13

### Average monthly working hours for non-Saudi employees by economic activity 2017

Economic Activity	Male	Female	Average
1 Agriculture, Forestry and Fishing	280	200	240
2 Industrial Sector	265	266	266
3 Construction	270	200	235
4 Trade, Accommodation and Food	250	255	253
5 Transportation, Information & communication	220	210	215
6 Financial, Insurance & Real estate	205	201	203
7 Professional, scientific and technical activities	200	206	203
8 Administrative and support service activities	209	150	180
9 Education	188	178	183
10 Human health and social work activities	220	209	215
11 Arts, entertainment and recreation	180	165	173
12 Other services	199	198	199
<b>Average</b>	<b>224</b>	<b>203</b>	<b>214</b>



Average monthly working hours for non-Saudi male employees by economic activity





### Average monthly working hours for non-Saudi female employees by economic activity

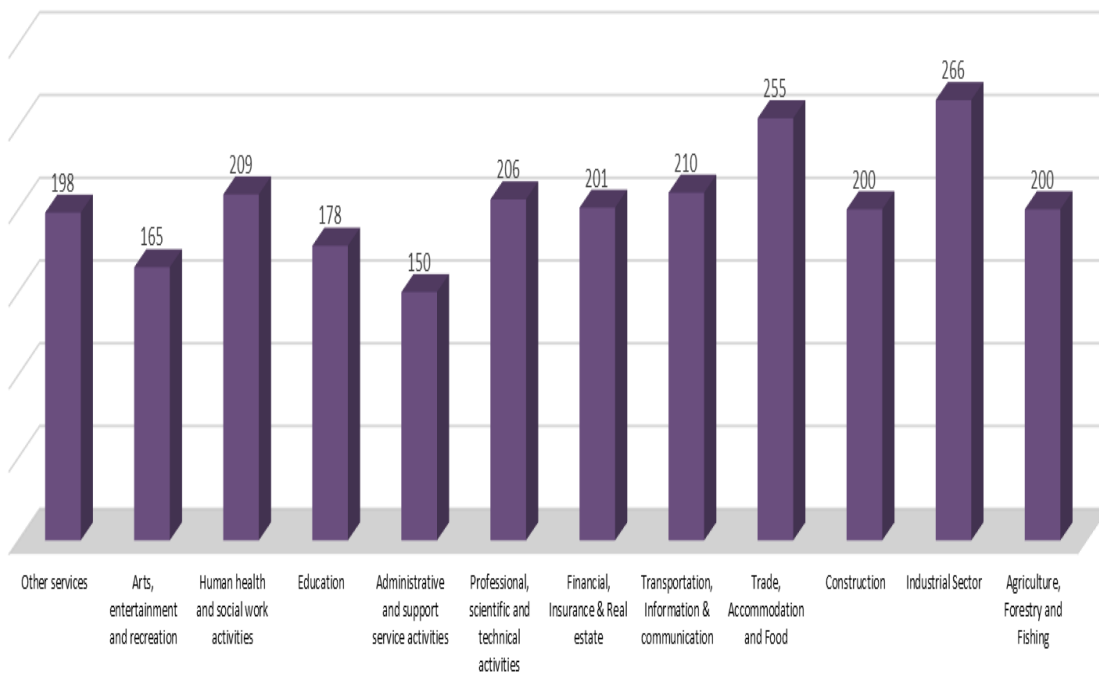




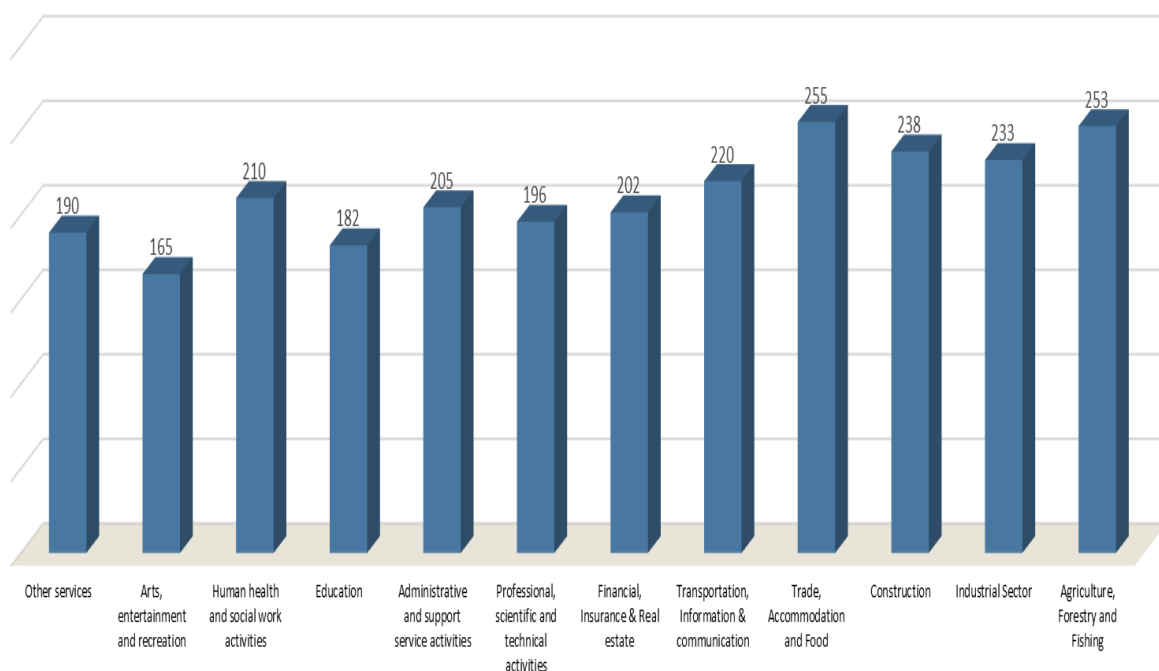
Table 14

### Average monthly working hours for total employees by economic activity 2017

Economic Activity	Male	Female	Average
1 Agriculture, Forestry and Fishing	253	210	231
2 Industrial Sector	233	228	230
3 Construction	238	203	220
4 Trade, Accommodation and Food	255	250	252
5 Transportation, Information & communication	220	205	213
6 Financial, Insurance & Real estate	202	198	200
7 Professional, scientific and technical activities	196	203	200
8 Administrative and support service activities	205	190	197
9 Education	182	179	181
10 Human health and social work activities	210	202	206
11 Arts, entertainment and recreation	165	165	165
12 Other services	190	188	189
<b>Average</b>	<b>212</b>	<b>202</b>	<b>207</b>



Average monthly working hours for male employees





### Average monthly working hours for female employees

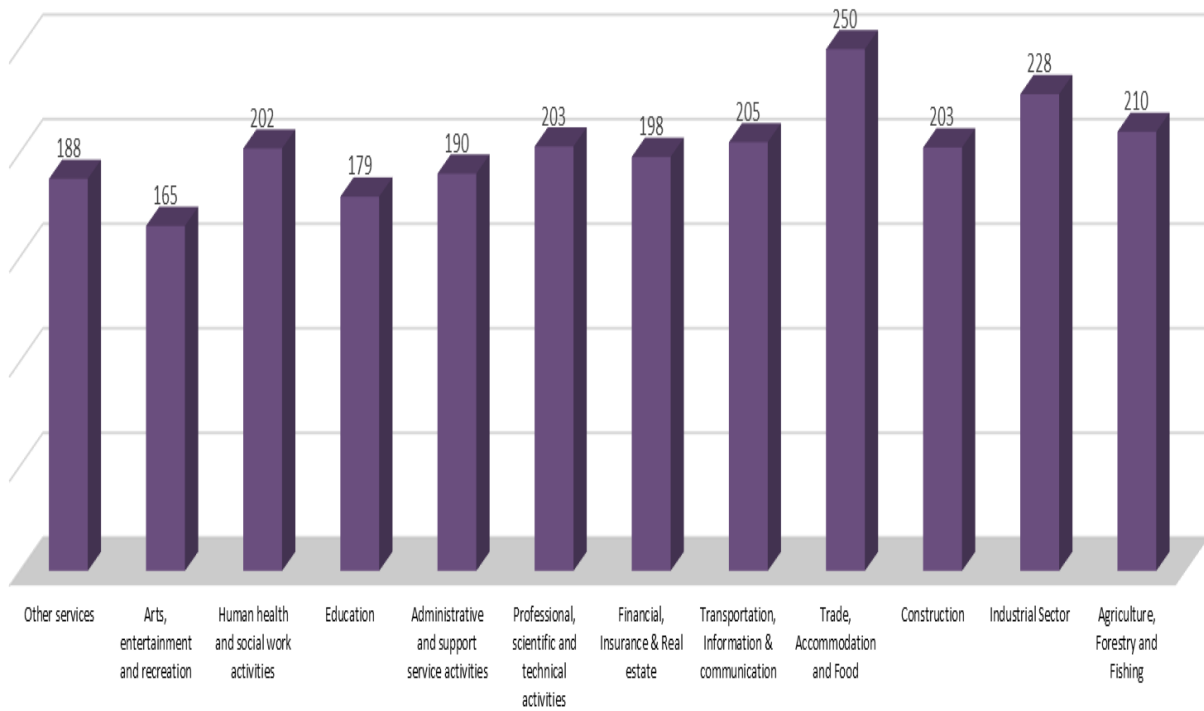






Table 15

### Number of vacant jobs by economic Activity 2017

Economic Activity	Saudis Only	Al nationalities	Total
1 Agriculture, Forestry and Fishing	737	1,767	2,504
2 Industrial Sector	7,835	10,806	18,641
3 Construction	3,910	17,747	21,657
4 Trade, Accommodation and Food	12,835	22,359	35,194
5 Transportation, Information &	4,838	3,612	8,450
6 Financial, Insurance & Real estate	4,418	1,380	5,798
7 Professional, scientific and technical	1,058	1,575	2,633
8 Administrative and support service	2,906	3,600	6,506
9 Education	3,651	1,120	4,771
10 Human health and social work	1,999	2,381	4,380
11 Arts, entertainment and recreation	245	245	490
12 Other services	1,487	3,557	5,044
<b>Total</b>	<b>45,919</b>	<b>70,149</b>	<b>116,068</b>



—●— Saudis Only

—●— Al nationalities

Number of vacant jobs by economic Activity

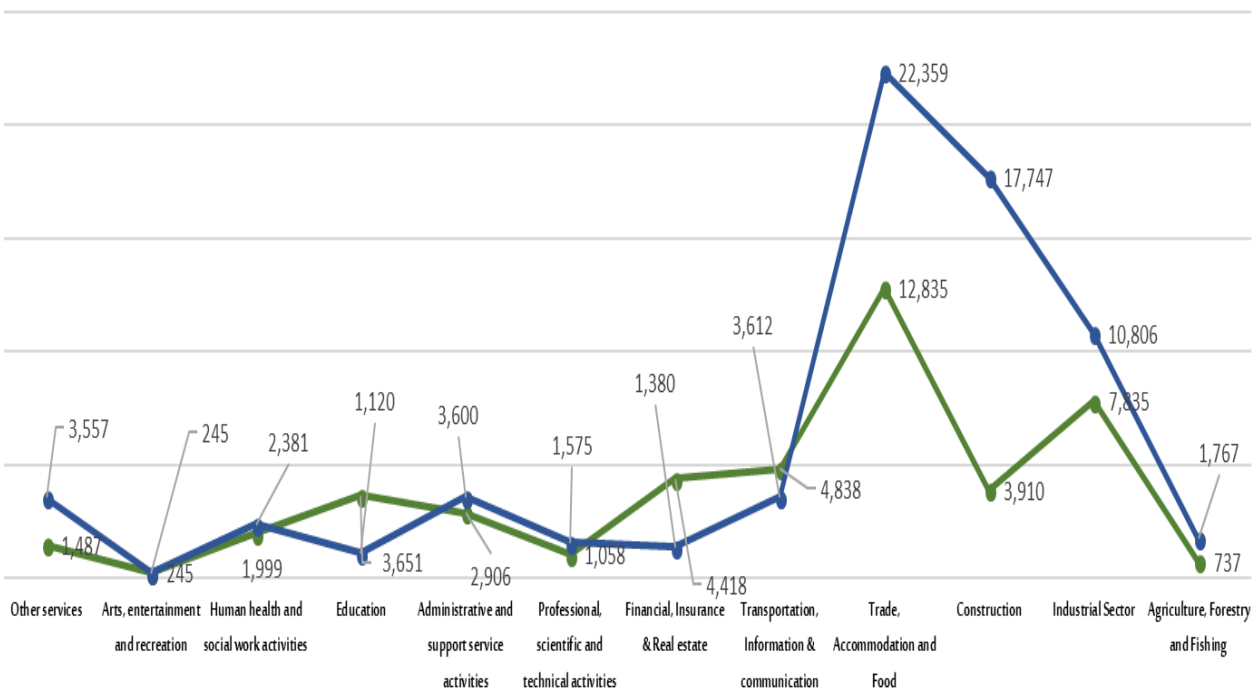




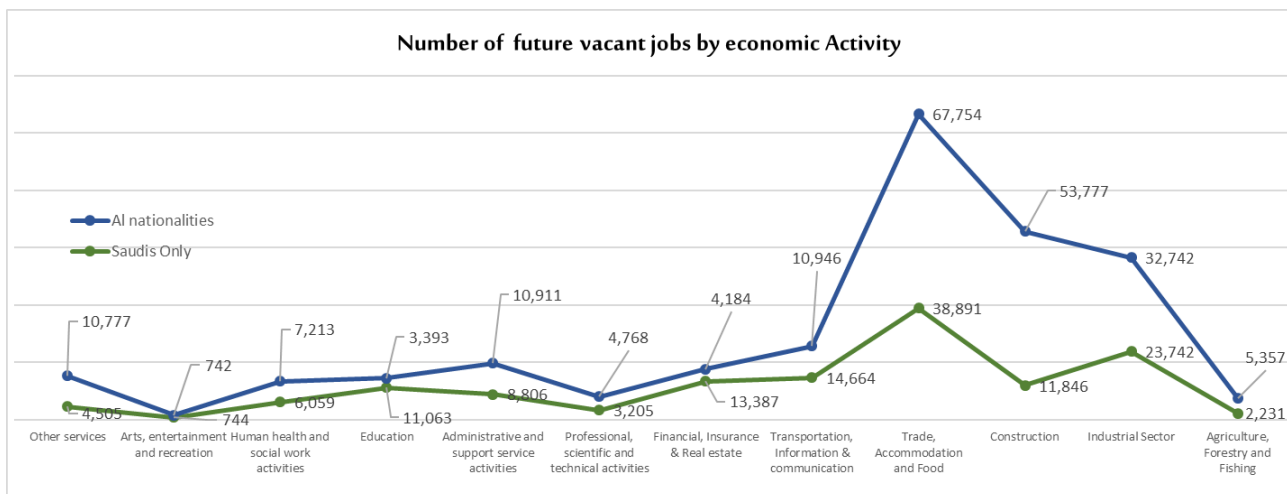
Table 16:

### Number of future vacant jobs by economic Activity 2017

Economic Activity	Saudis Only	AI nationalities	Total
1 Agriculture, Forestry and Fishing	2,231	5,357	7,588
2 Industrial Sector	23,742	32,742	56,484
3 Construction	11,846	53,777	65,623
4 Trade, Accommodation and Food	38,891	67,754	106,645
5 Transportation, Information & communication	14,664	10,946	25,610
6 Financial, Insurance & Real estate	13,387	4,184	17,571
7 Professional, scientific and technical activities	3,205	4,768	7,973
8 Administrative and support service activities	8,806	10,911	19,717
9 Education	11,063	3,393	14,456
10 Human health and social work activities	6,059	7,213	13,272
11 Arts, entertainment and recreation	744	742	1,486
12 Other services	4,505	10,777	15,282
<b>Total</b>	<b>139,143</b>	<b>212,564</b>	<b>351,707</b>



Number of future vacant jobs by economic Activity





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