

# Cost of doing business in the GCC

Financial Services August 2022

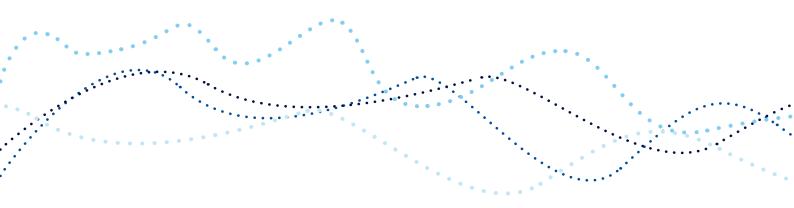
# Note to the reader

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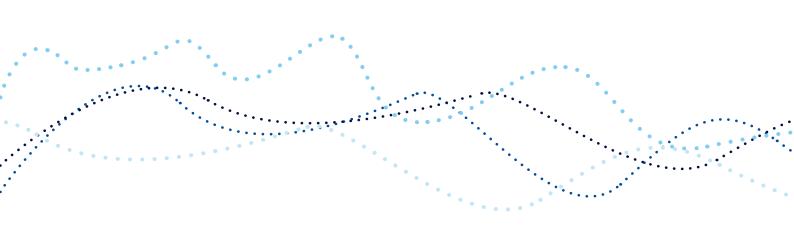
# Glossary of frequently used terms

| ADDC  | Abu Dhabi Distribution Company              |
|-------|---------------------------------------------|
| ADGM  | Abu Dhabi Global Market                     |
| ADSL  | Asymmetric Digital Subscriber Line          |
| ASPR  | Authority for Public Services Regulation    |
| CBB   | Central Bank of Bahrain                     |
| CPE   | Customer Premises Equipment                 |
| CSB   | Civil Service Bureau                        |
| СТС   | Cost To Company                             |
| DEWA  | Dubai Electricity And Water Authority       |
| DFSA  | Dubai Financial Services Authority          |
| DIFC  | Dubai International Financial District      |
| EWA   | Electricity and Water Authority             |
| FSRA  | Financial Services Regulatory Authority     |
| GCC   | Gulf Cooperation Council                    |
| IGA   | Information and eGovernment Authority       |
| ISP   | Internet Service Provider                   |
| KSA   | Kingdom of Saudi Arabia                     |
| LMRA  | Labor Market Regulatory Authority           |
| MOHRE | Ministry of Human Resources & Emiratisation |
| MOIC  | Ministry of Industry and Commerce           |
| SAMA  | Saudi Arabia Monetary Authority             |
| SIO   | Social Insurance Organization               |
| VAT   | Value Added Tax                             |
|       |                                             |



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This report aims to look at the typical direct and indirect costs associated with operating an FS institution in the select GCC countries.

Overall, Bahrain is the most competitive country in terms of operating an FS business, with an annual cost 11% lower than the average of select GCC jurisdictions.

# **Direct Costs**

The report analyzes the direct cost of business registration and licensing, commercial rental rates, manpower costs, telecom costs, internet charges, electricity and water charges.

Bahrain enjoys a cost advantage of up to 27% in terms of annual operating costs for FS businesses when compared with its GCC peers.

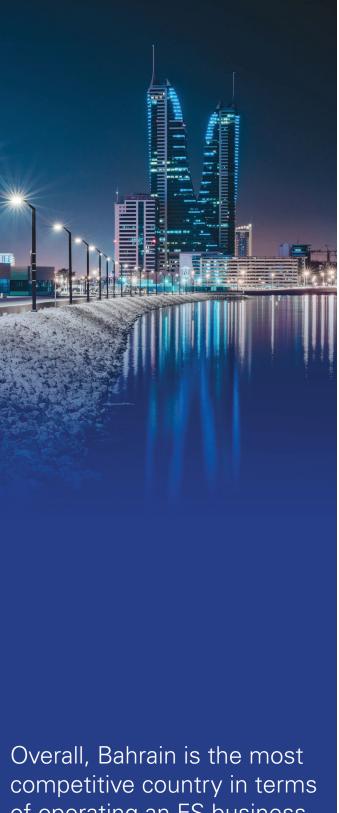
As compared to the select jurisdictions, Bahrain has the most competitive licensing costs, commercial rental costs, as well as utilities charges.

# **Indirect Costs**

Indirect Costs present an overview of the average cost of living, focusing on the cost of education, residential utility costs, cost of renting residential properties, and domestic help remuneration.

Bahrain is the most competitive GCC country in terms of annual cost of living, 23 percent below the regional average.

Bahrain is the most favourable jurisdiction with regards to the cost of education, accommodation costs and domestic help remuneration in the select GCC countries.



of operating an FS business, with an annual cost 11% lower than the GCC average.

The following tables outline the cost of setting up, registering and operating a business in the Financial Services sector across Bahrain, Dubai, Abu Dhabi and Saudi Arabia.

Recurring costs considered are manpower salaries, office rental costs, telephone and internet services and electricity and water costs.

Figures in the table below have been rounded off to the nearest ten. This may lead to a minor difference in total cost as compared to the summation of cost heads amounts.



#### Figure A: Average annual cost of operations

|    | Cost heads in US\$                 | Bahrain   | UAE (DXB)    | UAE (ABD)   | KSA         |
|----|------------------------------------|-----------|--------------|-------------|-------------|
|    | Annual licensing fee <sup>a</sup>  | 10,640    | 50,000       | 15,000      | 26,600      |
|    | Commercial rent <sup>b</sup>       | 77,060    | 129,330      | 148,100     | 97,390      |
| \$ | Manpower °                         | 1,448,660 | 1,765,100    | 1,616,960   | 1,539,320   |
| C  | Telephone services <sup>d</sup>    | 8,360     | 9,540        | 9,540       | 8,860       |
|    | Internet services <sup>e</sup>     | 640       | 2,660        | 2,660       | 920         |
| 6  | Electricity and water <sup>f</sup> | 2,110     | 3,900        | 2,680       | 2,850       |
|    | Total cost                         | 1,547,450 | 1,960,530    | 1,794,940   | 1,675,930   |
|    | Cost difference<br>(v. Bahrain)    |           | <b>1</b> 27% | <b>1</b> 6% | <b>1</b> 8% |

a. Annual fees paid to the financial regulator in each jurisdiction

b. Occupancy of 20 employees considered (each with 15 m<sup>2</sup> workstation). Locations assumed based on KPMG assessment of preferred locations in each jurisdiction

c. Average salaries for 1 CXO, 1 Director, 1 Head of Innovation, 3 Managers, 4 Associates and 10 Analysts

d.100 International Calls made by 20 employees per month

e. Assumed internet connectivity of between 50-100 Mbps speed in the office space

f. Based on the monthly consumption of 3,440 KWh and 12 m<sup>3</sup> of electricity and water for an office size of 150 sqm



Figures in the table below have been rounded off to the nearest ten. This may lead to a minor difference in total cost as compared to the summation of cost heads amounts.



#### Figure B: Average annual cost of living

|            | Cost heads in US\$                         | Bahrain | UAE (DXB)    | UAE (ABD)    | KSA          |
|------------|--------------------------------------------|---------|--------------|--------------|--------------|
|            | Residential - 3-bedroom villa <sup>9</sup> | 25,800  | 42,000       | 42,980       | 32,630       |
| 6          | Electricity and water <sup>h</sup>         | 5,400   | 6,330        | 6,280        | 3,380        |
| <u>r</u> t | Domestic help remuneration <sup>i</sup>    | 4,370   | 5,060        | 5,060        | 4,400        |
|            | Education <sup>j</sup>                     | 8,770   | 13,500       | 11,340       | 13,230       |
|            | Total cost                                 | 44,330  | 66,890       | 65,650       | 53,650       |
|            | Cost difference (v. Bahrain)               |         | <b>†</b> 51% | <b>1</b> 48% | <b>1</b> 21% |

g. Based on the rental of a 3-bedroom villa semi-furnished, for a family of four

h.Villa of 4 expat individuals with average electricity and water consumption of 40 kWh and 0.31 m<sup>3</sup> per individual

i. Based on the average remuneration of domestic help. Domestic help cost is based on average of official minimum wage approved by embassies of various nationalities

j. Cost of education for a child in primary education (from grade 3 to grade 6) in a British curriculum school

# II. Demographic Snapshot

#### Figure C: Demographics of the GCC countries

| 8       | Current population<br>(in millions)                  | Nationalities<br>Local   Expat<br>% | Gender Split<br>Female   Male<br>% | Youth Population<br>aged 20-24<br>% |
|---------|------------------------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|
|         |                                                      |                                     | <b>†</b>                           |                                     |
| Bahrain | 1.5                                                  | 4852                                | 37   63                            | 7%                                  |
|         | <b>* *</b><br>* * * * *<br>* * * *                   |                                     | <b>†</b>                           |                                     |
| UAE     | 9.3                                                  | 1189                                | 30   70                            | 8%                                  |
|         | ŤŤŤŤŤŤŤŤ<br>ŤŤŤŤŤŤŤŤ<br>ŤŤŤŤŤŤŤ<br>ŤŤŤŤŤŤŤ<br>ŤŤŤŤŤŤ |                                     | <b>†</b>                           |                                     |
| KSA     | 35                                                   | 6139                                | 42   58                            | 8%                                  |

Source: iGA, General Authority for statistics, Bayanat, World Bank, World Population Review



#### Figure D: Languages spoken across GCC countries

| Jurisdictions | Official Language | Other main languages spoken      |
|---------------|-------------------|----------------------------------|
| Bahrain       |                   |                                  |
| UAE           | Arabic            | English, Urdu, Hindi and Tagalog |
| KSA           |                   |                                  |

Source: Central Intelligence Agency, Britannica

Direct Costs include the cost of business registration and licensing, commercial rental rates, manpower costs, telecom costs, internet charges, electricity and water charges.

# 3.1 Licensing and registration costs

The Central Bank of Bahrain (CBB), the Dubai Financial Services Authority (DFSA) in Dubai, the Financial Services Regulatory Authority (FSRA) and the Saudi Arabian Monetary Authority (SAMA) are responsible for regulating and supervising the financial sector in the corresponding jurisdictions.

In particular, this report looks at financial institutions that are licensed in dealing in investments as principals or as agents.

Licensing and registration costs are presented in the form of non-refundable application fees, in addition to annual fees charged to the licensees, depending on the type of license held, should the application be successful.

#### Figure 1: Licensing and registration fees

Figures in US\$

|           | Regulator | Category Application<br>Fees        |        | Annual Fees                   |
|-----------|-----------|-------------------------------------|--------|-------------------------------|
| Bahrain   | CBB       | Dealing in investments as principal | 266    | 2,659 (floor)<br>10,636 (cap) |
|           |           | Dealing in investments as agent     | 266    | 2,659 (floor)<br>10,636 (cap) |
| UAE (DXB) | DFSA      | Dealing in investments as principal | 40,000 | 50,000                        |
|           |           | Dealing in investments as agent     | 25,000 | 25,000                        |
| UAE (ABD) | FSRA      | Dealing in investments as principal | 15,000 | 15,000                        |
|           |           | Dealing in investments as agent     | 15,000 | 15,000                        |
| KSA       | SAMA      | Dealing in investments as principal | 53,200 | 26,600                        |
|           |           | Dealing in investments as agent     | 53,200 | 26,600                        |

Source: CBB, DFSA, FSRA, ADGM, SAMA

Assumptions:

In Bahrain, Category 3 investment firms have been quoted

In Dubai and Abu Dhabi, Category 3A investment firms have been quoted

In Saudi Arabia, all quoted charges are standard for all financing companies (except for microfinance companies)

In Saudi Arabia, the annual fee mentioned is for a period of 5 years

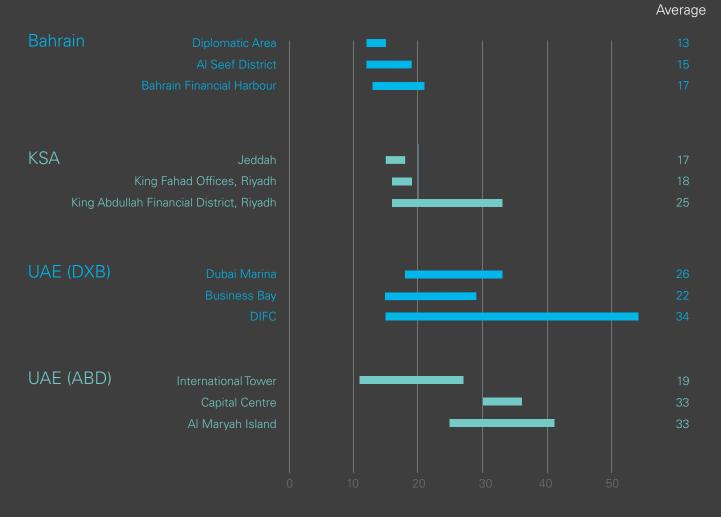
Note:

The following is the breakdown of the annual fees for the various categories of investment firms in Bahrain: Category 1 (US\$): 15,954 (floor) / 10,636 (cap), Category 2 (US\$): 10,636 (floor) / 31,908 (cap), Category 3 (US\$): 2,659 (floor) / 10,636 (cap)

# III. Direct Cost Components 3.2 Rental of commercial office space

Bahrain has the lowest commercial office rental rates, with an average rental rate of US\$ 16 per m<sup>2</sup> per month across all locations for net internal area (NIA<sup>1</sup>). Abu Dhabi offers the most expensive commercial office space, with an average rental rate of US\$ 28 per m<sup>2</sup> per month across all locations. The following figure outlines the lower and upper limits for different office spaces across the select jurisdictions.

#### Figure 2: Commercial office space rental

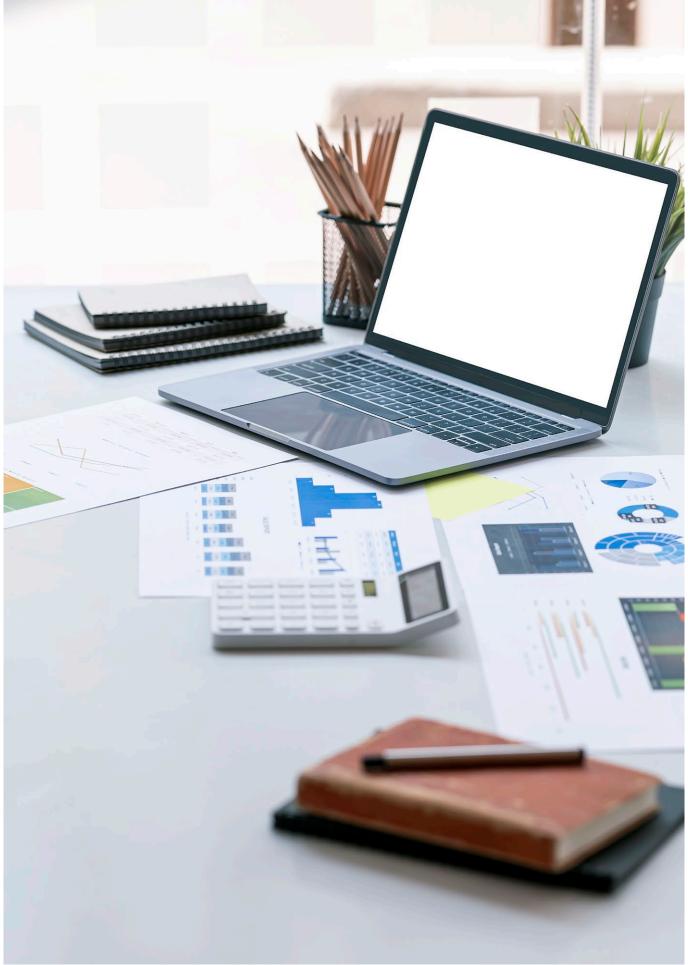


Figures in US\$ per m<sup>2</sup> per month

Source: KnightFrank, Savills, Cushman & Wakefield, Primary research, KPMG analysis

(1) NIA refers to the total floor area excluding the area taken up by lobbies, stairs and escalators, lifts and other maintenance areas.

Rental figures above are exclusive of service charge, which differs from one jurisdiction to another. For Bahrain and Saudi Arabia the applicable service charge is 15 and 10 percent of the base rent, respectively. Dubai's service charge varies, averaging 12 percent of the base rent. In Abu Dhabi, service charge is included in the base rent.



#### **Cost per workstation**

The average cost per workstation is derived from averaging the lower and upper limits of a commercial office space, and are inclusive of service charge.

The average cost per workstation is lowest in Bahrain, followed closely by Saudi Arabia and Dubai. Abu Dhabi is the most expensive jurisdiction, averaging US\$ 617 per month.



#### Figure 3: Average workstation rental <sup>(2)</sup>

Figures in US\$ per m<sup>2</sup> per month

| •         | Area                                | Average<br>Rental<br>(US\$ per m²) | Service Charge | Workstation cost<br>(US\$ per m² per month) |
|-----------|-------------------------------------|------------------------------------|----------------|---------------------------------------------|
| Bahrain   | World Trade Centre                  | 19                                 | 15%            | 321                                         |
| UAE (DXB) | DIFC                                | 34                                 | 5%             | 539                                         |
| UAE (ABD) | Al Maryah Island                    | 33                                 | 26%            | 617                                         |
| KSA       | King Abdullah<br>Financial District | 25                                 | 10%            | 406                                         |

Source: KnightFrank, Savills, Cushman & Wakefield, Primary research, KPMG analysis

(2) A workstation is assumed to be a 15 sqm space per person compiled of a desk and chair, where they undertake their contracted duties.

# III. Direct Cost Components **3.3 Commercial utilities costs**

Electricity and water tariffs for commercial consumption vary in accordance with the total number of units utilized. All quoted tariffs are based on an electricity consumption of 3,440 kilowatt-hour (kWh) and water consumption of 12 cubic meters (m<sup>3</sup>) for an office size of 150 sqm. When compared, Dubai has the highest electricity and water tariffs. Electricity charges are about 98% higher than Bahrain, whereas water charges are nearly 11% more than in Bahrain. Abu Dhabi has 32% higher electricity charges than Bahrain however, water costs are similar to Bahrain.

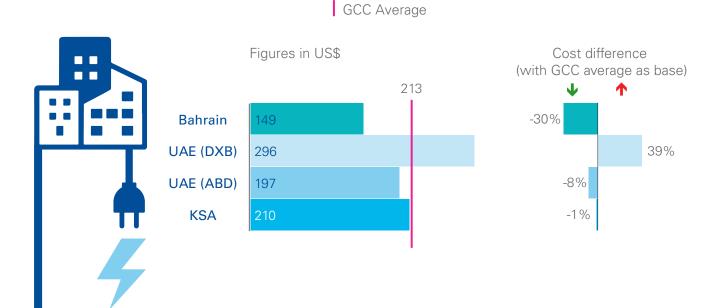
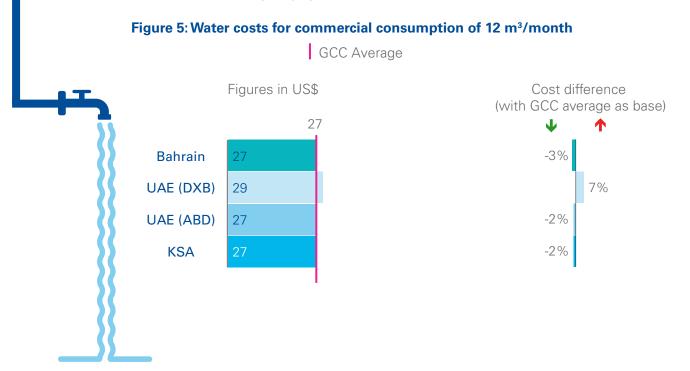


Figure 4: Electricity costs for commercial consumption of 3,440 kWh/month

Source: EWA, DEWA, ADDC, Saudi Electricity Company, MARAFIQ



Source: EWA, DEWA, ADDC, Saudi Electricity Company, MARAFIQ



#### **Telephone services**

The cost of telephone services has been calculated based on the corporate rates offered by leading telecommunication providers in Bahrain, UAE and Saudi Arabia.

Figure 6 summarizes the average call rates applied for commercial telephone lines for international calls.

These are the average figures for the call rates offered by different service providers of the select jurisdictions. We have assumed certain international call destinations to portray the difference in the call rates.

The charges in the following table show that Bahrain has the lowest call rates compared to other GCC jurisdictions.



#### Figure 6: Telephone services – International call charges

| To / From  | Bahrain | UAE  | KSA  |
|------------|---------|------|------|
| Bangladesh | 0.87    | 0.60 | 0.66 |
| Egypt      | 0.70    | 0.60 | 0.49 |
| India      | 0.71    | 0.60 | 0.51 |
| Iran       | 0.44    | 0.60 | 0.82 |
| Iraq       | 0.51    | 0.91 | 0.69 |
| Jordan     | 0.40    | 0.60 | 0.59 |
| KSA        | 0.36    | 0.49 | -    |
| Kuwait     | 0.27    | 0.49 | 0.35 |
| Lebanon    | 0.42    | 0.60 | 0.59 |
| Oman       | 0.31    | 0.44 | 0.35 |
| Qatar      | 0.32    | 0.49 | 0.35 |
| UAE        | 0.35    | -    | 0.35 |
| UK         | 0.48    | 0.64 | 0.69 |
| USA        | 0.48    | 0.49 | 0.59 |

Figures in US\$ per minute

Source: Zain Bahrain, STC Bahrain, STC KSA, Mobily, Etisalat, DU

#### **Internet Charges**

The cost of internet service is based on several ranges defined in Figure 7. The features and added benefits may vary between the packages offered by each telecommunication company across the jurisdictions. The UAE and Saudi Arabia do not have internet packages for certain bandwidth ranges, as seen in the table below.

Note that the values have been rounded off to the closest even number (multiple of tens).



#### Figure 7: Internet charges for businesses

Figures in US\$ per month

| Bandwidth (mbps) | Bahrain  | UAE       | KSA       |
|------------------|----------|-----------|-----------|
| Up to 50         | 30 - 50  | N/A       | N/A       |
| 50 - 100         | 40 - 70  | 200 - 220 | 80        |
| 100 - 500        | 90 - 130 | 260 - 810 | 110 - 230 |
| 500 - 1000       | 330      | 550 - 820 | N/A       |

Source: Zain Bahrain, STC Bahrain, STC KSA, Mobily, Etisalat, DU

Notes and assumptions:

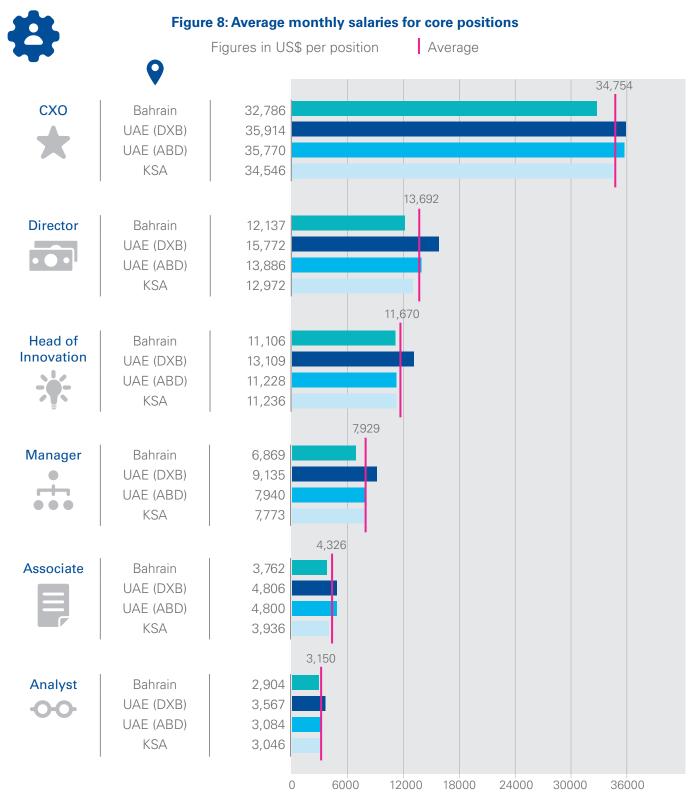
- i. Data limit not considered for the price comparison. Only service speed (1:1 bandwidth is assumed)
- *ii. No installation and service charges have been considered for the above. The above data shows monthly recurring rentals iii. No VAT considered for the above figures*
- iv. Considered the most prominent service providers (up to three providers per country) if available
- v. Package duration is not considered
- vi. All costs obtained are related to business packages
- vii. All packages assume a contract between the ISP and the company

viii. Packages are for shared services and do not include prices for dedicated / managed services. Costs were obtained for ADSL and Fiber packages

# 3.4 Manpower costs

When comparing the average salaries for the FS sector, Bahrain stands out as the lowest followed by Saudi Arabia and Abu Dhabi.

Figure 8 shows the average annual salaries for different positions within the FS sector. The positions described below, are aligned with the CBB rulebook requirements. For further details, please check the Appendix V.



Source: Alexandrapaul Recruitment, Averagesalarysurvey, Bayt, CSB, Erieri, Glassdoor, Gulf Talent, Indeed, Paylab, Payscale, RollThePay, Salary Expert, Salaryexplorer, SIO Bahrain, Talent and The National News.

# III. Direct Cost Components Workforce indicators

Bahrain has the highest employment share in the banking sector as compared to the select GCC peers.

Saudi Arabia has the highest number of employees in the banking sector compared to the others.



| 8       | Figure 9<br>Total workforce by nationality          |                    |     | Figure 10<br>Total workforce<br>in the Banking<br>sector | Figure 11<br>Mandated<br>localization quota in<br>the FS sector |
|---------|-----------------------------------------------------|--------------------|-----|----------------------------------------------------------|-----------------------------------------------------------------|
|         | Total<br>workforce<br>as a % of total<br>population | Local   Expat<br>% |     | %                                                        | %                                                               |
|         |                                                     |                    |     |                                                          |                                                                 |
| Bahrain | 47%                                                 | 22%                | 78% | 1.0%                                                     | 0-50%                                                           |
|         |                                                     |                    |     |                                                          |                                                                 |
| UAE     | 80%                                                 | 9%                 | 91% | 0.5%                                                     | 10%                                                             |
|         |                                                     |                    |     |                                                          |                                                                 |
| KSA     | 36%                                                 | 26%                | 74% | 0.4%                                                     | 30%                                                             |

Source: LMRA, Primary and secondary research

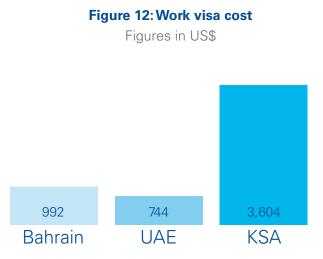
Note: For most of the FS activities in Bahrain, the localization rate is 50%. However, for few activities such as Central Banking (BMA), Financial Leasing,Life Insurance - it varies from 0% to 50%. For UAE, Emiratisation targets for the private sector starting with 2% of Emiratis in skilled roles, rising in scale to a 10% Emirati contribution over the coming five years.

# III. Direct Cost Components **3.5 Visa and residency costs**

Visa and residency costs include the fees for a 2 year residency permit, medical checkup, medical insurance and national ID charges.

The UAE has the lowest fee for a work visa compared to other jurisdictions. However, for single and multiple entry visa, Bahrain has the lowest fee.





Source: LMRA, UAE Government Portal, Primary Research

#### Figure 13: Visit visa cost

Figures in US\$

| •       | Single Entry | Multiple Entry |  |
|---------|--------------|----------------|--|
| Bahrain | 24           | 77             |  |
| UAE     | 95           | 177            |  |
| KSA     | 128          | 128            |  |

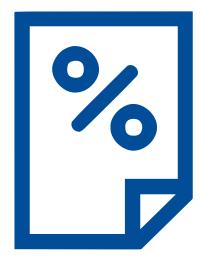
Source: LMRA, UAE Government Portal, Primary Research

Bahrain has the lowest fees for single and multiple entry visit visas

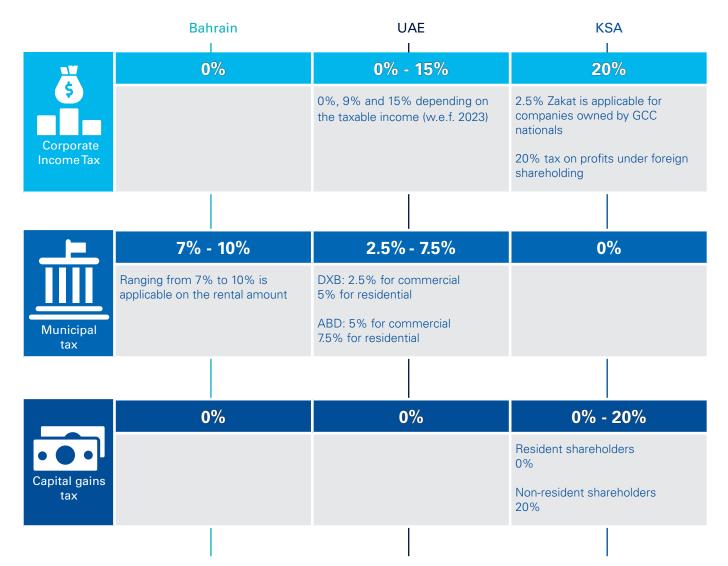
# **3.6 Taxes and fees**

Personal income tax is not applicable in the covered jurisdictions. As of January 2022, Bahrain increased the VAT rate from 5% to 10%.

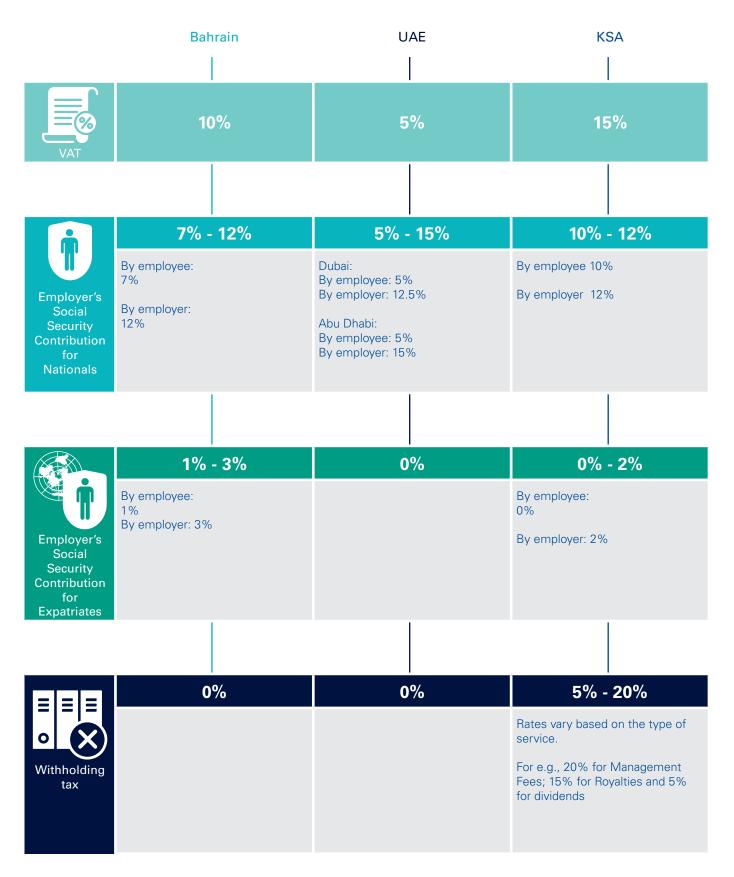
In June 2023, the UAE is planning to introduce Corporate Income Tax, at a rate of 9%. Figure 14 summarizes several taxes applicable in the select jurisdictions across the GCC.



#### Figure 14: Overview of taxes in select jurisdictions



Source: Primary and secondary research, KPMG analysis





Source: Primary and secondary research, KPMG analysis

# III. Direct Cost Components **3.7 Incentives for the FS sector**

Most incentives focus on the funding of new ventures in the sector and the training and development of nationals.

Figure 15 highlights the key incentives for the FS sector in the covered jurisdictions.



|                | Figure 15: Key incentives for FS sector in the GCC                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Bahrain</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| моіс           | Within Bahrain, subsidiaries and incorporated entities are allowed 100% ownership. There are no restrictions on capital repatriation, currency exchange or transfer of dividends.                                                                                                                                                                                                                                                                                                  |
| Tamkeen        | Companies registered locally can apply to 'Training and wage support' by<br>Tamkeen. Hiring the local population in the workforce can assist companies<br>in getting training and wage grants from the semigovernment organization,<br>Tamkeen.                                                                                                                                                                                                                                    |
|                | SMEs can benefit from a subsidy that reduces licensing and fees by up to 90 percent for up to 3 years.                                                                                                                                                                                                                                                                                                                                                                             |
|                | Tamkeen in collaboration with the EDB established an "FDI Support" program that provides access to grants and financing solutions for medium and large enterprises, enabling the setup and expansion of foreign business in Bahrain.                                                                                                                                                                                                                                               |
|                | The launch of the "Start Your Business" program provides support for entrepreneurs and innovators to set up and facilitate access to funding solutions.                                                                                                                                                                                                                                                                                                                            |
|                | Wage subsidy support for nationals (up to 70% for Year 1; 50% for Year 2; 30% for Year 3) for fresh graduates and 50% salary for 12 months for experienced professionals (for employees at Middle management / Executive Leadership positions).                                                                                                                                                                                                                                    |
|                | Wage Increment Support of US\$ 50 – 700 for a duration of 12 months. The financial support provided shall be capped based on the employee's salary at the time of application submission. If an enterprise wishes to extend the wage increment support for an additional 12 months, the employee's salary must be incremented again, and the new salary must be reflected in the SIO. Tamkeen shall than cover the cost of the old and new increment for the additional 12 months. |
|                | Train and Place program launched by Tamkeen that offers financial grants covering 50% of training costs to find and train Bahraini talents that can support the organization's growth in all sectors except education.                                                                                                                                                                                                                                                             |

Source: Respective authorities

| - 1                                    | gure 15: Key incentives for FS sector in the GCC (Continued)                                                                                                                                                                                                                                                                              |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bahrain                                | Bahrain is home to MENA's leading FinTech hub, Bahrain FinTech Bay, which provides a dedicated coworking space, innovation labs, advisory services and more.                                                                                                                                                                              |
| Свв                                    | The CBB launched FinHub 973 the region's first cross-border digital innovation platform that connects and facilitates collaboration between financial institutions and fintech start-ups under the supervision of the central bank.                                                                                                       |
| KSA                                    |                                                                                                                                                                                                                                                                                                                                           |
| Economic Cities<br>Authority           | Corporate income tax 20% with no restrictions on repatriation of profit, capital,<br>or other monies. No value-added tax or sale tax, as well no personnel income<br>tax.<br>Offering loans to licensed financing companies that provide financing solutions<br>and loans with competitive advantages for SMEs through Monsha'at program. |
| Monsha'at                              | Human Resources Development Fund offers grants and loans to companies for<br>the training, and employment of a national workforce. As well, paying 75 percent<br>of the salary of any trainee who is hired by a private firm.                                                                                                             |
| Saudi Arabian<br>Monetary<br>Authority | Awqaf: As a spiritual destination for Muslims worldwide, the Kingdom offers<br>favorable incentives and can benefit from sizeable opportunities in terms of<br>investment and spending.                                                                                                                                                   |

Source: Respective authorities



Source: Respective authorities

# IV. Indirect Cost Components

Indirect Costs present an overview of the regulatory requirements for financial institutions, average cost of living, focusing on the accomodation costs, costs of education, residential utilities costs, vehicle and fuel costs and domestic help remuneration.



# 4.1 Regulatory Requirements

Figure 16 highlights the core principle of capital adequacy ratio recommendations; the amount of capital a financial institution must hold as required by its financial regulator, in line with the Basel committee accords, Basel I and Basel III.

Figure 17 outlines the regulated capital adequacy ratios for Bahrain (Central Bank of Bahrain), Dubai and Abu Dhabi (Central Bank of the UAE) and Saudi Arabia (SaudiCentral Bank).



#### Figure 16: Overview of capital adequacy requirements (under Basel Frameworks)

| Framework | Minimum<br>Tier 1 Capital<br>Requirement | Total Capital<br>Adequacy |
|-----------|------------------------------------------|---------------------------|
| Basel I   | 4%                                       | 8%                        |
| Basel III | 6%                                       | 10.5%                     |

Source: Bank for International Settlements

#### Figure 17: Capital adequacy requirements

| Jurisdiction | Minimum Tier 1<br>(Including CCB <sup>3</sup> ) | Minimum Total Capital<br>(Including CCB) |
|--------------|-------------------------------------------------|------------------------------------------|
| Bahrain      | 10.5%                                           | 12.5%                                    |
| UAE          | 11.0%                                           | 13.0%                                    |
| KSA          | 8.5%                                            | 10.5%                                    |

Source: CBB, Central Bank of the UAE, SAMA

(3) Includes capital conservative buffer (CCB) of 2.5% where applicable

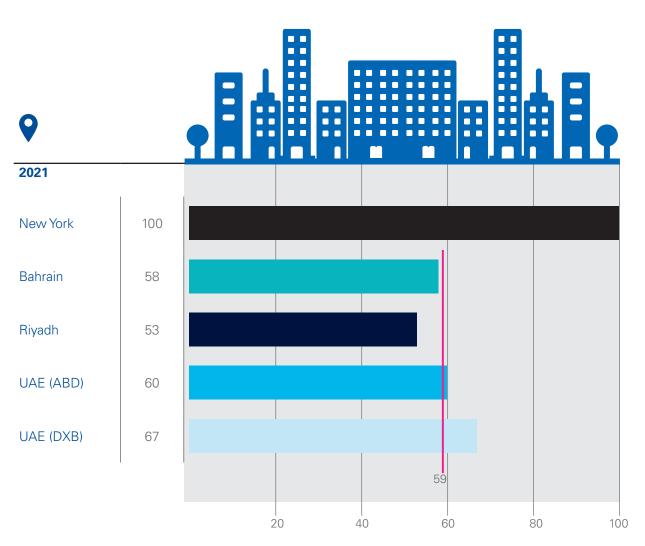
# IV. Indirect Cost Components 4.2 Cost of living index

The cost-of-living index allows comparison of dayto-day living expenses (housing, transportation, healthcare, utilities etc.) between different jurisdictions over a period. The cost-of-living index is calculated for the covered jurisdictions by comparing them with New York as a base.

The cost of living in Bahrain is very appealing, below the average.

#### Figure 18: Cost of living index

Average



Source: Numbeo.com

# IV. Indirect Cost Components 4.3 Accommodation costs

Amongst the select GCC countries, Bahrain has the lowest prices of villa accommodation.

The following graph shows the average rentals per month for different apartment and villa categories.

#### Figure 19: Average monthly accommodation rentals comparison



Figures in US\$ per month

Source: Property Finder, Savills, Hilitehomes, Property Plus, dubizzle

# IV. Indirect Cost Components 4.4 Residential utilities costs

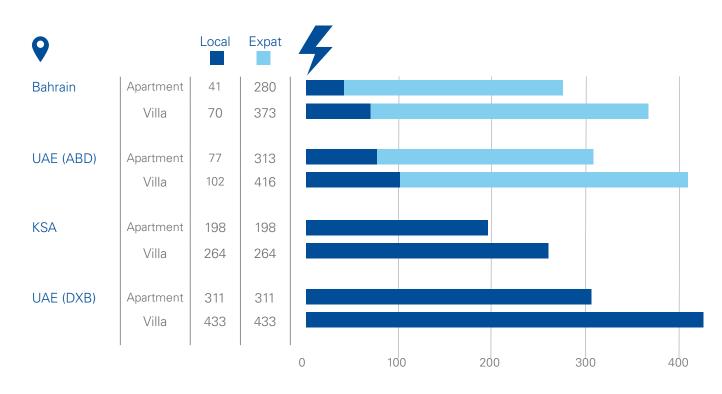
Figure 20 illustrates the differences in domestic electricity costs between other countries for a household of four people, living in either an apartment or a villa. The costs are based on a daily electricity consumption of 30 kWh per capita for an apartment, and 40kWh per capita for a villa.

Bahrain and Abu Dhabi are the only jurisdictions which have different electricity tariffs for nationals and expatriates.





#### Figure 20: Monthly electricity costs per household



Figures in US\$ per month

Source: EWA, DEWA, ADDC, Saudi Distribution Company

#### Note:

1) A fixed monthly charge of US\$ 2.65 is added to Bahrain's utility tariffs (electricity and water)

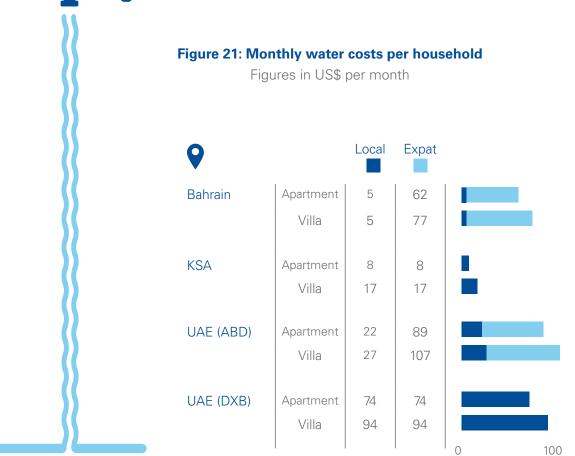
2) Dubai's utility tariffs include a fuel surcharge added for consumption of both electricity and water

#### **IV. Indirect Cost Components**

Figure 21 shows the monthly water consumption for a household of four members, with a daily consumption of 250 liters per capita living in an apartment and 310 litres per capita residing in a villa.

Saudi Arabia has the lowest water cost in the GCC.





Source: EWA, DEWA, ADDC, Saudi Distribution Company

Note:

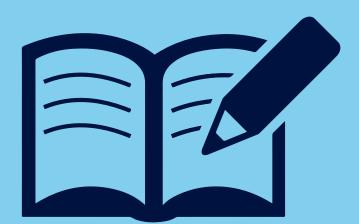
1) A fixed monthly charge of US\$ 2.65 is added to Bahrain's utility tariffs (electricity and water)

2) Dubai's utility tariffs include a fuel surcharge added for consumption of both electricity and water

# IV. Indirect Cost Components 4.5 Education costs

Figure 22 outlines the average annual cost of schooling in the covered jurisdictions. Bahrain has the lowest average cost in relation to fees for the American curriculum.

For the Indian curriculum, however, the cost of schooling is lowest in Jeddah compared to the other GCC countries.



#### Figure 22: Average annual cost of schooling per curriculum

| •            | Curriculum | Elementary<br>education<br>(KG2) | Primary<br>education<br>(G6) | Secondary<br>education<br>(G12) |
|--------------|------------|----------------------------------|------------------------------|---------------------------------|
| Bahrain      | American   | 6,643                            | 8,503                        | 11,390                          |
|              | British    | 6,111                            | 8,768                        | 12,576                          |
|              | Indian     | 1,843                            | 2,335                        | 3,297                           |
| UAE (DXB)    | American   | 10,002                           | 13,450                       | 17,802                          |
|              | British    | 9,911                            | 13,503                       | 17,427                          |
|              | Indian     | 3,984                            | 5,445                        | 7,544                           |
| UAE (ABD)    | American   | 10,315                           | 13,003                       | 14,819                          |
|              | British    | 9,611                            | 11,337                       | 13,033                          |
|              | Indian     | 2,469                            | 2,754                        | 4,035                           |
| KSA (Riyadh) | American   | 9,165                            | 10,814                       | 12,134                          |
|              | British    | 11,313                           | 13,225                       | 17,890                          |
|              | Indian     | 1,346                            | 1,506                        | 1,798                           |
| KSA (Jeddah) | American   | 7,388                            | 9,277                        | 11,342                          |
|              | British    | 12,642                           | 14,177                       | 19,395                          |
|              | Indian     | 894                              | 1,053                        | 1,213                           |

Figures in US\$ per annum

Source: School websites

Note:

For American curriculum school, fee for Grade 7 has been considered for Grade 6. and fee for Grade 13 has been considered for Grade 12. Only annual tuition fees are considered in the calculations. Other educational costs, such as registration fees, book fees, facilities fees are not included.

#### Computational methodology:

The average has been computed based on the sample set of select key schools across the three curriculums in the respective jurisdictions

# IV. Indirect Cost Components 4.6 Vehicle and fuel costs

The average cost of different new vehicles in the select GCC countries is shown in the below figure.



#### Figure 23: Vehicle purchase prices across GCC countries Figures in US\$

| <b>Q</b>     | Mitsubishi<br>Attrage 1.2<br>(GLX) | Audi A3 | Ford<br>Expedition XLT | BMW 5 series<br>520i |         |
|--------------|------------------------------------|---------|------------------------|----------------------|---------|
|              | Economy                            | Premium | SUV                    | Luxury               | Average |
| Bahrain      | 10,640                             | 26,320  | 42,540                 | 73,120               | 38,160  |
| UAE          | 10,040                             | 28,050  | 51,380                 | 78,960               | 42,110  |
| Saudi Arabia | 10,240                             | 37,590  | 69,300                 | 70,490               | 46,900  |

Source: YallaMotors, DriveArabia, local dealers



#### **Figure 24: Fuel Prices**

Figures in US\$ per litre

| •       | Diesel | 91 Octane | 95 Octane | 98 Octane |  |
|---------|--------|-----------|-----------|-----------|--|
| Bahrain | 0.48   | 0.37      | 0.53      | 0.62      |  |
| UAE     | 1.13   | 1.04      | 1.07      | 1.10      |  |
| KSA     | 0.14   | 0.58      | 0.62      | N/A       |  |
|         | 1      | 1         | 1         |           |  |

Source: Aramco, Khaleej Times and Load-me

Note: Fuel prices for the respective jurisdictions are collected as of August 2022. The fuel prices are subject to change. Countries such as the UAE change fuel prices on a monthly basis.

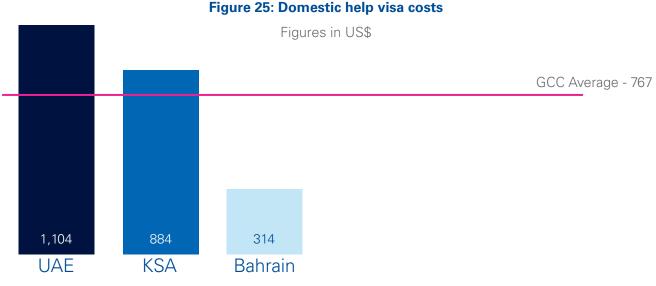
# IV. Indirect Cost Components **4.7 Domestic help costs**

The cost of a visa for domestic help is shown in Figure 25. Bahrain has the lowest domestic visa cost in the select GCC countries. UAE, on the other hand, has the most expensive domestic visa prices.

Bahrain, the UAE and Saudi Arabia offer domestic help visa packages. These include the costs of medical tests, national identity card and work permit.

Overall, the UAE is substantially more expensive than Bahrain and Saudi Arabia in terms of domestic visa costs.



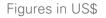


Source: LMRA, MOHRE, Musaned, KPMG analysis

Figure 26 represents the average wages for domestic help in the select GCC countries. When compared to the GCC average wage for domestic help, which is US\$ 384, Bahrain has the lowest domestic help wage.

The average number has been arrived at taking into consideration the wage range of different nationalities. The wages vary by nationality.





GCC Average - 384

Bahrain has the lowest

domestic help wage.



Source: Primary and secondary research.

# V. Appendix

# **Electricity and water tariff structure in Bahrain**

# Cost of commercial utilities - Water

US\$ per m<sup>3</sup>

| Cost of commercial utilities - Electricity<br>US\$ per kWh |  |  |  |  |  |
|------------------------------------------------------------|--|--|--|--|--|
| First 5,000 kWh Above 5,000 kWh                            |  |  |  |  |  |
| <b>Bahrain</b> 0.04 0.08                                   |  |  |  |  |  |

#### Cost of residential utilities - Water

US\$ per m<sup>3</sup>

| •                                                                          | First 60 m <sup>3</sup> | 61 - 100 m <sup>3</sup> | Above 100 m <sup>3</sup> |
|----------------------------------------------------------------------------|-------------------------|-------------------------|--------------------------|
| <b>Bahrain</b><br>(for nationals with one account)                         | 0.07                    | 0.21                    | 0.53                     |
| <b>Bahrain</b><br>(for nationals with more than one account<br>and expats) | 1.99                    | 1.99                    | 1.99                     |

# Cost of residential utilities - Electricity

| Image: State | First 3,000 kWh | 3,001 - 5,000 kWh | Above 5,000 kWh |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|-----------------|
| Bahrain<br>(for nationals with one account)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.01            | 0.02              | 0.04            |
| <b>Bahrain</b><br>(for nationals with more than one account<br>and expats)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.08            | 0.08              | 0.08            |

Source: Electricity and Water Authority

# V. Appendix Electricity and water tariff structure in Dubai

#### Cost of commercial utilities - Water

US\$ per m<sup>3</sup>

| •         | <b>0 - 45 m</b> <sup>3</sup> | <b>46 - 90 m</b> <sup>3</sup> | 91 m <sup>3</sup> and Above |
|-----------|------------------------------|-------------------------------|-----------------------------|
| UAE (DXB) | 2.33                         | 2.63                          | 2.99                        |

## Cost of commercial utilities - Electricity (2022) US\$ per kWh

| •         | First 2,000 kWh | 2001 - 4,000 kWh | 4001-6000 kWh | Above 6,001 kWh |
|-----------|-----------------|------------------|---------------|-----------------|
| UAE (DXB) | 0.08            | 0.09             | 0.10          | 0.12            |

#### Cost of residential utilities - Water

US\$ per m<sup>3</sup>

| •         | <b>0 - 27</b> m <sup>3</sup> | <b>27 - 55 m</b> <sup>3</sup> | 55 m <sup>3</sup> and Above |
|-----------|------------------------------|-------------------------------|-----------------------------|
| UAE (DXB) | 2.33                         | 2.63                          | 2.99                        |

# Cost of residential utilities - Electricity (2022) US\$ per kWh

|           | First 2,000 kWh | 2001 - 4,000 kWh | 4001-6000 kWh | Above 6,001 kWh |
|-----------|-----------------|------------------|---------------|-----------------|
| UAE (DXB) | 0.08            | 0.09             | 0.10          | 0.12            |

Source: Dubai Electricity and Water Authority

# V. Appendix Electricity and water tariff structure in Abu Dhabi

#### Cost of commercial utilities - Water (2022)

US\$ per m<sup>3</sup>

| •         | Any Quantity |  |  |
|-----------|--------------|--|--|
| UAE (ABD) | 2.13         |  |  |

#### Cost of commercial utilities -Electricity (2022) US\$ per kWh

| •         | Any Quantity |  |
|-----------|--------------|--|
| UAE (ABD) | 0.05         |  |

#### Cost of residential utilities - Water (2022)

US\$ per m3 per day

| <b>Q</b>  | UAE Nationals<br>Villas<br>0 - 7 m3 | UAE Nationals<br>Villas<br>Above 7 m3 | UAE Nationals<br>Flats<br>0 - 0.7 m3 | UAE Nationals<br>Flats<br>Above<br>0.7 m3 |
|-----------|-------------------------------------|---------------------------------------|--------------------------------------|-------------------------------------------|
| UAE (ABD) | 0.57                                | 0.71                                  | 0.57                                 | 0.71                                      |

#### Cost of residential utilities - Water (2022)

US\$ per m3 per month

| <b>Q</b>  | Expats<br>Villas<br>0 - 7 m3 | Expats<br>Villas<br>Above 7 m3 | Expats<br>Flats<br>0 - 0.7 m3 | Expats<br>Flats<br>Above<br>0.7 m3 |
|-----------|------------------------------|--------------------------------|-------------------------------|------------------------------------|
| UAE (ABD) | 2.13                         | 2.83                           | 2.13                          | 2.83                               |

#### Cost of residential utilities - Electricity (2022)

US\$ per kWh per day

| •         | UAE Nationals | UAE Nationals | UAE Nationals | UAE Nationals |
|-----------|---------------|---------------|---------------|---------------|
|           | Villas        | Villas        | Flats         | Flats         |
|           | 0 - 400 kWh   | Above 400 kWh | 0 - 30 kWh    | Above 30 kWh  |
| UAE (ABD) | 0.018         | 0.020         | 0.018         | 0.020         |

#### Cost of residential utilities - Electricity (2022)

US\$ per kWh per day

| <b>Q</b>  | Expats      | Expats        | Expats     | Expats       |
|-----------|-------------|---------------|------------|--------------|
|           | Villas      | Villas        | Flats      | Flats        |
|           | 0 - 200 kWh | Above 200 kWh | 0 - 20 kWh | Above 20 kWh |
| UAE (ABD) | 0.07        | 0.08          | 0.07       | 0.08         |

Source: Abu Dhabi Distribution Company

# V. Appendix Electricity and water tariff structure in Saudi Arabia

#### Cost of commercial utilities - Water (2022)

US\$ per m<sup>3</sup>
Any consumption unit
Saudi Arabia
1.95

# Cost of commercial utilities - Electricity (2022)

US\$ per kWh

| <b>9</b>     | First 6,000 kWh | Above 6,000kWh |
|--------------|-----------------|----------------|
| Saudi Arabia | 0.05            | 0.08           |

### Cost of residential utilities - Water (2022)

| US\$ per m <sup>3</sup> | 0 - 15 m3 | 16 - 30 m3 | 31 - 45 m3 | 46 - 60 m3 | Above 61 m3 |
|-------------------------|-----------|------------|------------|------------|-------------|
| Saudi Arabia            | 0.04      | 0.40       | 1.20       | 1.60       | 2.39        |

# Cost of residential utilities - Electricity (2022)US\$ per kWhFirst 6,000 kWhAbove 6,000kWhSaudi Arabia0.050.08

Source: Saudi Electricity Company, MARAFIQ

# V. Appendix Visit Visa (On Arrival) Countries in the GCC

|    | Bahrain          | UAE             | Saudi Arabia   |
|----|------------------|-----------------|----------------|
| 1  | Andorra          | Andorra         | Andorra        |
| 2  | Argentina        | Argentina       | Australia      |
| 3  | Australia        | Australia       | Austria        |
| 4  | Austria          | Austria         | Belgium        |
| 5  | Belgium          | Bahamas Islands | Brunei         |
| 6  | Bolivia          | Barbados        | Bulgaria       |
| 7  | Brazil           | Belgium         | Canada         |
| 8  | Brunei           | Brazil          | China          |
| 9  | Bulgaria         | Brunei          | Croatia        |
| 10 | Canada           | Bulgaria        | Cyprus         |
| 11 | Chile            | Canada          | Czech Republic |
| 12 | China            | Chile           | Denmark        |
| 13 | Colombia         | China           | Estonia        |
| 14 | Croatia          | Colombia        | Finland        |
| 15 | Cyprus           | Costa Rica      | France         |
| 16 | Czech Republic   | Croatia         | Germany        |
| 17 | Denmark          | Cyprus          | Greece         |
| 18 | Ecuador          | Czech Republic  | Hungary        |
| 19 | Estonia          | Denmark         | Iceland        |
| 20 | Falkland Islands | El Salvador     | Ireland        |
| 21 | Finland          | Estonia         | Italy          |
| 22 | France           | Finland         | Japan          |
| 23 | French Guyana    | France          | Kazakhstan     |
| 24 | Georgia          | Germany         | Latvia         |

# V. Appendix Visit Visa (On Arrival) Countries in the GCC

|    | Bahrain      | UAE              | Saudi Arabia   |
|----|--------------|------------------|----------------|
| 25 | Germany      | Greece           | Liechtenstein  |
| 26 | Greece       | Honduras         | Lithuania      |
| 27 | Guyana       | Hong Kong, China | Luxembourg     |
| 28 | Hong Kong    | Hungary          | Malaysia       |
| 29 | Hungary      | Iceland          | Malta          |
| 30 | Iceland      | Italy            | Monaco         |
| 31 | India        | Japan            | Montenegro     |
| 32 | Ireland      | Kazakhstan       | Netherlands    |
| 33 | Italy        | Kiribati         | New Zealand    |
| 34 | Japan        | Latvia           | Norway         |
| 35 | Kazakhstan   | Liechtenstein    | Poland         |
| 36 | Latvia       | Lithuania        | Portugal       |
| 37 | Lichtenstein | Luxembourg       | Romania        |
| 38 | Lithuania    | Macau, China     | Russia         |
| 39 | Luxemburg    | Malaysia         | San Marino     |
| 40 | Macau        | Maldives         | Singapore      |
| 41 | Malaysia     | Malta            | Slovakia       |
| 42 | Malta        | Mauritius        | Slovenia       |
| 43 | Mexico       | Mexico           | South Korea    |
| 44 | Monaco       | Monaco           | Spain          |
| 45 | Netherlands  | Montenegro       | Sweden         |
| 46 | New Zealand  | Nauru            | Switzerland    |
| 47 | Norway       | Netherlands      | Ukraine        |
| 48 | Paraguay     | New Zealand      | United Kingdom |

# V. Appendix Visit Visa (On Arrival) Countries in the GCC

|    | Bahrain      | UAE                              | Saudi Arabia |
|----|--------------|----------------------------------|--------------|
| 49 | Peru         | Norway                           | USA          |
| 50 | Poland       | Paraguay                         |              |
| 51 | Portugal     | Peru                             |              |
| 52 | Romania      | Poland                           |              |
| 53 | Russia       | Portugal                         |              |
| 54 | San Marino   | Republic of Ireland              |              |
| 55 | Singapore    | Romania                          |              |
| 56 | Slovakia     | Russian Federation               |              |
| 57 | Slovenia     | Saint Vincent and the Grenadines |              |
| 58 | South Korea  | San Marino                       |              |
| 59 | Spain        | Serbia                           |              |
| 60 | Suriname     | Seychelles                       |              |
| 61 | Sweden       | Singapore                        |              |
| 62 | Switzerland  | Slovakia                         |              |
| 63 | Thailand     | Slovenia                         |              |
| 64 | UK           | Solomon Islands                  |              |
| 65 | Ukraine      | South Korea                      |              |
| 66 | Uruguay      | Spain                            |              |
| 67 | USA          | Sweden                           |              |
| 68 | Vatican City | Switzerland                      |              |
| 69 | Venezuela    | Ukraine                          |              |
| 70 |              | UK and Northern<br>Ireland       |              |
| 71 |              | USA                              |              |
| 72 |              | Uruguay                          |              |
| 73 |              | Vatican City                     |              |

# V. Appendix **Definition of FS Positions**

# **Core Positions**

| СХО                | Executive Position - responsible for the overall management of the firm or a particular division(s) (e.g., CEO, COO, CMO, CIO, Chief Technology Officer, etc.)                                                                                                                                                                                                                                                 |  |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Director           | Above managerial position - responsible for the management of a Division under the guidance of Executives. This includes Director, Executive Director, Head of Compliance, and Head of Credit Administration.                                                                                                                                                                                                  |  |
| Head of Innovation | Above managerial position - responsible for innovation in products and/or services<br>provided internally and externally or are responsible for general change culture in the<br>firm. Head of Innovation positions include: Brand Manager, Product Manager, Senior<br>Product Manager, Chief Digital Officer, Financial Manager, and Strategy Director.                                                       |  |
| Manager            | Managerial position - responsible for leading a department, tasks or projects of the organization and responsible for target related to business of the firm. Manager, Compliance Manager, Finance/Treasury Manager, Corporate Treasurer, General Manager, Branch Manager, Treasury Manager, Corporate Treasurer, Compliance Manager, and Tax Manager.                                                         |  |
| Associate          | Non-managerial position - part of the core team to execute projects, sell products<br>and services and work under the guidance of managers. Associate positions<br>include: Internal Compliance Officer, Compliance Officer, Fraud Detection Associate,<br>Bank Associate, Audit Associate, Capital Markets Associate, SEO Associate, Senior<br>Associate, Bank Operations Officer, and Credit Risk Associate. |  |
| Analyst            | Non-managerial position - responsible for reception, customer services, customer<br>representation, front desk and directory operator. Analyst positions include: Anti<br>Money Laundry (AML) Analyst, Financial Analyst, Business Analyst, Tax Analyst,<br>Data Analyst, Senior Analyst, and Analyst.                                                                                                         |  |



# Contact us

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