Short Report
Top Business Sectors by Province

Based on the UNESCO dashboard, the responses show the **top five business sectors reported by province**. The percentages represent the share of each sector among the top reported sectors in each governorate. The results show a mix of **digital economy sectors**, such as telecommunications, e-commerce/fintech, digital marketing, software/web development, ICT/digital skills, and network/system administration, alongside selected **green economy sectors**, such as solar PV systems, environmental protection, green building, sustainable agriculture, and irrigation systems.

Narrative Analysis by Province

Al-Qadisiyah: The leading reported sector in Al-Qadisiyah is **E-commerce/Fintech**, representing **25.5%** of responses. This is followed by **Software/Web Development** at **20.6%**, **Telecommunications** at **19.9%**, and **Digital Marketing** at **17.7%**. **ICT/Digital Skills** also appears as an important sector at **16.3%**. Overall, Al-Qadisiyah shows a strong concentration in digital and technology-enabled business activities.

Babil: In Babil, the largest reported sector is **Solar Photovoltaic / Installation of Solar Energy Systems**, at **35.1%**, followed closely by **Telecommunications** at **33.8%**. Other sectors include **Software/Web Development** at **13.0%**, **E-commerce/Fintech** at **10.4%**, and **Digital Marketing** at **7.8%**. This suggests that Babil has a mixed profile, with a strong green-energy presence alongside key digital sectors.

Baghdad: Baghdad shows the highest concentration in **ICT/Digital Skills**, representing **32.8%** of responses. This is followed by **Telecommunications** at **23.9%**, **Digital Marketing** at **18.2%**, **Solar Photovoltaic / Installation of Solar Energy Systems** at **14.3%**, and **E-commerce/Fintech** at **10.8%**. The results indicate that Baghdad is strongly positioned around digital skills, communications, and consumer-facing digital services.

Basra: In Basra, **Digital Marketing** is the leading sector, at **31.0%**, followed by **Telecommunications** at **27.5%** and **E-commerce/Fintech** at **22.2%**. **Software/Web Development** accounts for **12.4%**, while **Network and Systems Administration** represents **6.9%**. Basra's profile reflects strong demand and activity in business-facing and market-facing digital sectors.

Dhi Qar: Dhi Qar's highest reported sector is **Telecommunications**, at **27.4%**, followed by **Software/Web Development** at **25.3%** and **Network and Systems Administration** at **20.0%**. **E-commerce/Fintech** and **IT Support** are equal at **13.7%** each. This indicates a strong technical and infrastructure-oriented digital profile in the province.

Duhok: In Duhok, the leading sector is **Network and Systems Administration**, at **26.9%**, followed by **Software/Web Development** at **23.1%** and **Solar Photovoltaic / Installation of Solar Energy Systems** at **22.1%**. **E-commerce/Fintech** represents **15.4%**, while **IT Support** accounts for **12.5%**. The results show a balanced mix between digital infrastructure and renewable energy activities.

Erbil: Erbil shows the highest share in **Solar Photovoltaic / Installation of Solar Energy Systems**, at **33.4%**, followed by **E-commerce/Fintech** at **29.8%**. **ICT/Digital Skills** represents **13.6%**, **Software/Web Development** accounts for **12.3%**, and **Network and Systems Administration** represents **10.8%**. This suggests that Erbil has a strong combination of renewable energy activity and advanced digital business services.

Ninewa: In Ninewa, **Digital Marketing** is the leading sector, representing **30.1%** of responses. This is followed by **Telecommunications** at **23.7%**, **Software/Web Development** at **16.8%**, and **Solar Photovoltaic / Installation of Solar Energy Systems** at **15.2%**. **Cybersecurity** also appears among the top sectors at **14.2%**. Ninewa therefore shows a strong digital services profile, with an emerging presence of cybersecurity and solar energy.

Salah Al-Din: Salah Al-Din has the highest reported share in **Solar Photovoltaic / Installation of Solar Energy Systems**, at **24.7%**. This is followed by **Sustainable Agriculture** and **Installation and Maintenance of Irrigation Systems**, both at **19.5%**. **Software/Web Development** and **Network and Systems Administration** are also equal at **18.2%** each. This province shows one of the clearest green economy profiles, particularly around solar energy, agriculture, and irrigation.

Sulaymaniyah: Sulaymaniyah's leading sector is **Environmental Engineer/Protection**, at **28.9%**, followed by **Green Building & Efficiency** at **21.8%** and **Software/Web Development** at **21.2%**. **Network and Systems Administration** accounts for **15.4%**, while **E-commerce/Fintech** represents **12.7%**. This indicates a strong green economy orientation, especially in environmental protection and energy efficiency, combined with relevant digital capacities.

Summary Table: Top Business Sectors by Province

Province	Highest Reported Sector	Ranking of Top Sectors
Al-Qadisiyah	E-commerce/Fintech — **25.5%**	1. E-commerce/Fintech — 25.5% 2. Software/Web Development — 20.6% 3. Telecommunications — 19.9% 4. Digital Marketing — 17.7% 5. ICT/Digital Skills — 16.3%
Babil	Solar PV / Installation of Solar Energy Systems — **35.1%**	1. Solar PV / Installation of Solar Energy Systems — 35.1% 2. Telecommunications — 33.8% 3. Software/Web Development — 13.0% 4. E-commerce/Fintech — 10.4% 5. Digital Marketing — 7.8%
Baghdad	ICT/Digital Skills — **32.8%**	1. ICT/Digital Skills — 32.8% 2. Telecommunications — 23.9% 3. Digital Marketing — 18.2% 4. Solar PV / Installation of Solar Energy Systems — 14.3% 5. E-commerce/Fintech — 10.8%
Basra	Digital Marketing — **31.0%**	1. Digital Marketing — 31.0% 2. Telecommunications — 27.5% 3. E-commerce/Fintech — 22.2% 4. Software/Web Development — 12.4% 5. Network and Systems Administration — 6.9%
Dhi Qar	Telecommunications — **27.4%**	1. Telecommunications — 27.4% 2. Software/Web Development — 25.3% 3. Network and Systems Administration — 20.0% 4. E-commerce/Fintech — 13.7% 5. IT Support — 13.7%

Province	Highest Reported Sector	Ranking of Top Sectors
Duhok	Network and Systems Administration — **26.9%**	1. Network and Systems Administration — 26.9% 2. Software/Web Development — 23.1% 3. Solar PV / Installation of Solar Energy Systems — 22.1% 4. E-commerce/Fintech — 15.4% 5. IT Support — 12.5%
Erbil	Solar PV / Installation of Solar Energy Systems — **33.4%**	1. Solar PV / Installation of Solar Energy Systems — 33.4% 2. E-commerce/Fintech — 29.8% 3. ICT/Digital Skills — 13.6% 4. Software/Web Development — 12.3% 5. Network and Systems Administration — 10.8%
Ninewa	Digital Marketing — **30.1%**	1. Digital Marketing — 30.1% 2. Telecommunications — 23.7% 3. Software/Web Development — 16.8% 4. Solar PV / Installation of Solar Energy Systems — 15.2% 5. Cybersecurity — 14.2%
Salah Al-Din	Solar PV / Installation of Solar Energy Systems — **24.7%**	1. Solar PV / Installation of Solar Energy Systems — 24.7% 2. Sustainable Agriculture — 19.5% 3. Installation and Maintenance of Irrigation Systems — 19.5% 4. Software/Web Development — 18.2% 5. Network and Systems Administration — 18.2%
Sulaymaniyah	Environmental Engineer/Protection — **28.9%**	1. Environmental Engineer/Protection — 28.9% 2. Green Building & Efficiency — 21.8% 3. Software/Web Development — 21.2% 4. Network and Systems Administration — 15.4% 5. E-commerce/Fintech — 12.7%

Overall Observation

Overall, the results show that **digital economy sectors dominate in several provinces**, particularly **Baghdad, Basra, Dhi Qar, Al-Qadisiyah, and Ninewa**, where ICT/digital skills, telecommunications, digital marketing, e-commerce/fintech, and software/web development appear strongly. At the same time, the **green economy is highly visible in Babil, Erbil, Salah Al-Din, Duhok, and Sulaymaniyah**, especially through solar energy systems, environmental protection, green building and efficiency, sustainable agriculture, and irrigation systems. This suggests that skills development and sectoral support should not follow a single national model; rather, training and labour market interventions should be tailored to each province's sectoral profile, with stronger digital tracks in business-service hubs and stronger green-sector tracks in provinces showing clear renewable energy, environmental, agricultural, and irrigation-related activity.