



# THE LEBANESE INDUSTRIAL SECTOR

## Facts and Findings - 2007



# **THE LEBANESE INDUSTRIAL SECTOR**

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**Ministry of Industry**

# Letter from the Minister

The Ministry of Industry is pleased to present the results of the “Industrial Sector Statistical Study” for the year 2007, which has been conducted in cooperation and partnership with the Association of Lebanese Industrialists and the United Nations Industrial Development Organization.

The study covers all industrial sectors operating in all Lebanese regions, and aims to provide accurate information on industrial establishments, their performance, their capacities, as well as, their needs and problems. In a second phase the collected data, will be analyzed to set industrial policies and to help in taking appropriate investment decisions.

This study is an essential step in monitoring the evolution of the Lebanese industry, especially regarding the industrial information field, where it provides quantitative and qualitative data related to the manufacturing sector, its contribution to the GDP and its role in creating new job opportunities.

The Ministry of Industry, in collaboration with the private sector, and with the support of the UNIDO, is planning to continue its efforts to propose a reliable and accessible data base and to improve the information related to the manufacturing establishments. The MoI will carry out sector studies that will help in collecting more accurate indicators to identify problems faced by the industrialists and to set appropriate solutions.

The national industrial sector is witnessing a critical and dynamic development phase, facing the international competition with confidence and faith in its products’ quality and competitive capabilities. However, globalization is imposing new concepts of international trade especially when dealing with industrial products. Here appears a crucial need for an effective motivating policy to boost Lebanon competitiveness through implementing Quality Standards and Scientific Industrial Research based on information systems, in a world where possessing information is considered to be one of the most efficient weapons.

Finally, we would like to thank all those who participated in carrying out this study, and offered their expertise and time to accomplish this successful achievement.

We have big ambitions and hopes based on our believes in the potentials of the industrial sector and the Greatness of our Country.

**Eng. Abraham DEDEYAN**  
Minister of Industry

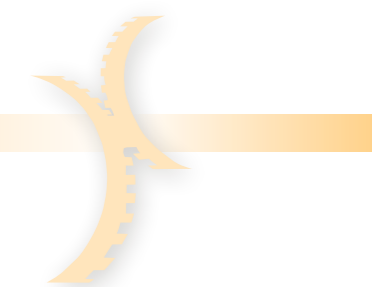
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## TERMINOLOGY



**Asset depreciation:** book value of asset depreciation for 2007. Depreciation is the loss in value of an asset due to ageing.

**Employees:** paid workers including permanent employees, outworkers and seasonal workers excluding owners and partners that are on the payroll.

**Establishment:** the most common form of company used for business ventures. The study only considered entities employing more than 4 workers.

**Fixed assets:** the book value of tangible and intangible assets owned by an establishment on the 31st of December.

**Gross fixed capital formation:** value of investment in new or used fixed assets of a year minus the value of sold existing fixed assets for the same year.

**Intermediate consumption:** value of goods and services used in industrial production. These include expenditure on raw materials and processed inputs, expenditure on energy and water, industrial and non-industrial services and other operating expenses minus variation of stocks for raw materials and processed product.

**Non-industrial income:** income from non-industrial activities, such as resale of goods or financial interest perceived.

**Outworkers:** an outworker is a person who agrees to work for a particular enterprise or to supply a certain quantity of goods or services to a particular enterprise, by prior arrangement or contract with that enterprise, but whose place of work is not within the establishment. The enterprise does not control the time spent at work by an outworker and does not assume responsibility for the conditions in which that work is carried out.

**Seasonal workers:** workers in seasonal employment are workers who hold implicit or explicit contracts of employment where the timing and duration of the contract is significantly influenced by seasonal factors.

**Salaries:** the value of wages, social contributions and other benefits.

**Value-added:** difference between gross output and intermediate consumption.

**Workforce:** number of permanent workers including owners and partners, permanent employees, seasonal workers and outworkers.

**Mohafaza:** Lebanon is divided into six administrative regions called Mohafaza.

**Caza:** Each mohafaza is subdivided into districts called Caza.

**Size:** The size of establishments is based on their workforce.

**Gross output:** Value of sales from own production plus stock variations of raw materials and finished products plus revenues from industrial and non-industrial services provided by the establishments.

**US\$ Conversion ratio:** 1507.5 LBP (Financial data was collected in LBP).

### Abbreviations

<b>ALI:</b>	Association of Lebanese Industrialists
<b>CCIA:</b>	Chamber of Commerce, Industry, and Agriculture
<b>EDL:</b>	Electricité du Liban
<b>G.F.C.F:</b>	Gross fixed capital formation
<b>ISIC:</b>	International Standard Industrial Classification
<b>Mol :</b>	Ministry of Industry
<b>Nb. of establish.:</b>	Number of establishments
<b>NSSF:</b>	National Social Security Fund
<b>n.e.c.:</b>	Non Elsewhere Classified
<b>UNIDO:</b>	United Nations Industrial Development Organization
<b>V.A.:</b>	Value-added



# INTRODUCTION



## BACKGROUND

The industrial sector plays an important role in Lebanon's economic development as it is one of the main sources of wealth and employment. Although the Lebanese industry has succeeded in safeguarding an important share of its assets and survived many crisis years, nowadays, it still faces numerous difficulties engendered by three basic causes.

The first group of problems links up to the political instability and the effects of local and regional insecurity and conflicts. During such periods, production and commercial relations are profoundly disrupted and cause large damages to the industrial activities.

The second group of difficulties is the informal management and fragmentation of a large number of manufacturing enterprises and particularly the small and medium sized ones in remote areas.

A third important problem is the lack of effective policies and efficient governance for supporting industrial development.

## COLLECTING AND UPDATING DATA

In the framework of its efforts to address this last point, the Ministry of Industry (Mol) in Lebanon conducted several surveys and studies, to collect information and data on the industrial enterprises aiming to evaluate their performance.

A first census was launched in 1994 - 1995 to set a database for the sector in order to map the industries, define their profile and evaluate their activities and their performance. The first phase was a descriptive one and consisted in establishing the location and description of all the industrial units operating in Lebanon. The elements analyzed pertained to the number of establishments, the main production lines, the geographic location, the legal form, the date of establishment, and the average size of the workforce. The second phase consisted in determining the operating conditions, as

well as the value-added of the Lebanese industrial sector based on 1994 financial statements.

In 1999, a new survey was conducted by the Ministry of Industry aiming to update the previous one, along with a field research to define a comprehensive understanding of the various obstacles and difficulties facing the manufacturing activities. An industrial strategy was set by the ministry to improve the efficiency of its activities and allow an appropriate approach of the different problems facing the sector. This approach required a regular follow up and recurring updating of data and information. Unfortunately, the data was not updated, at a time where the industry was undergoing several changes and the economic situation rapidly deteriorating.

## DEVELOPING A NEW INDUSTRIAL APPROACH

End of 2008, and with the support of the Association of the Lebanese Industrialists (ALI) and the United Nations Industrial Development Organization (UNIDO), the Mol launched a new study in order to evaluate the sector's performances and reassess its capacities to face the different challenges.

The study limited the scope of work to establishments meeting the following criteria:

- Workforce with a minimum of 5 workers
- Operating area with at least 100 m2 (except for the jewelry and lathe industries)
- Energy consumption with a minimum of 50 Amperes or equivalent.

The database for the study was compiled from different sources including information from the previous surveys and from registers of the Mol, as well as from the records of the Association of the Lebanese Industrialists (ALI) and other ministries and organizations.

Some manufacturing establishments are out of the Mol authority. In fact, some are administrated

by other ministries (stone quarry based industry administrated by the ministry of Interior), others are not registered at the Mol. Due to this complex situation, field surveyors have been asked to address the local authorities and visit all industrial zones of the country to find any additional non registered industrial operators.

## EXPECTED OUTCOME

The study conducted over the past two years aimed to analyze three major aspects of the sector:

- Descriptive results pertaining to the location, field of activity, legal form, year of establishment, built operating area, as well as participation in professional associations.
- Quantitative results that provided estimates of industrial output, input and main operating expenses, value-added, number of workers, compensation and wages, investments, and assets.
- Qualitative results which helped to analyze the industrial business environment, and determine the main obstacles and problems in the sector, as well as the short-term plans of industrialists.

The following report will only analyze the first two topics. The third one will be addressed in a second phase after discussions with professional associations, main operators, as well as analysts and major stakeholders.

**Note :**  
**The figures available in this report are those that have been disclosed by the industrialists.**

## EXECUTIVE SUMMARY

In the framework of its efforts to improve its policies and action plan for the Lebanese industrial sector, the Ministry of Industry (MoI) in Lebanon initiated, in cooperation with ALI and the technical assistance of UNIDO, a study in 2009-2010 covering all establishments employing 5 workers and more, aiming to update its database, map the industries, define the profile of industrial establishments and evaluate their activities and financial performances for the year 2007.

**This report is divided in two major parts:**

The first part is a descriptive one aiming to locate and describe the industrial units operating in Lebanon and employing 5 workers and more. The elements analyzed pertained to the number of establishments, the main lines of production, the geographic location, the legal form, the date of establishment, the built operating area and the profile and size of their workforce.

The second part gives a detailed analysis of vital data related to the major financial parameters of the Lebanese industries. It examines the operating conditions and the various aspects of economic activities in industrial areas based on 2007 financial statements.

### I. GENERAL FEATURES OF THE LEBANESE INDUSTRIAL SECTOR

According to the 2007 study results, Lebanon's industrial sector counts 4,033 establishments, with 5 workers and more. The main features of these establishments could be summarized as follow:

#### A. INDUSTRIES MAPPING

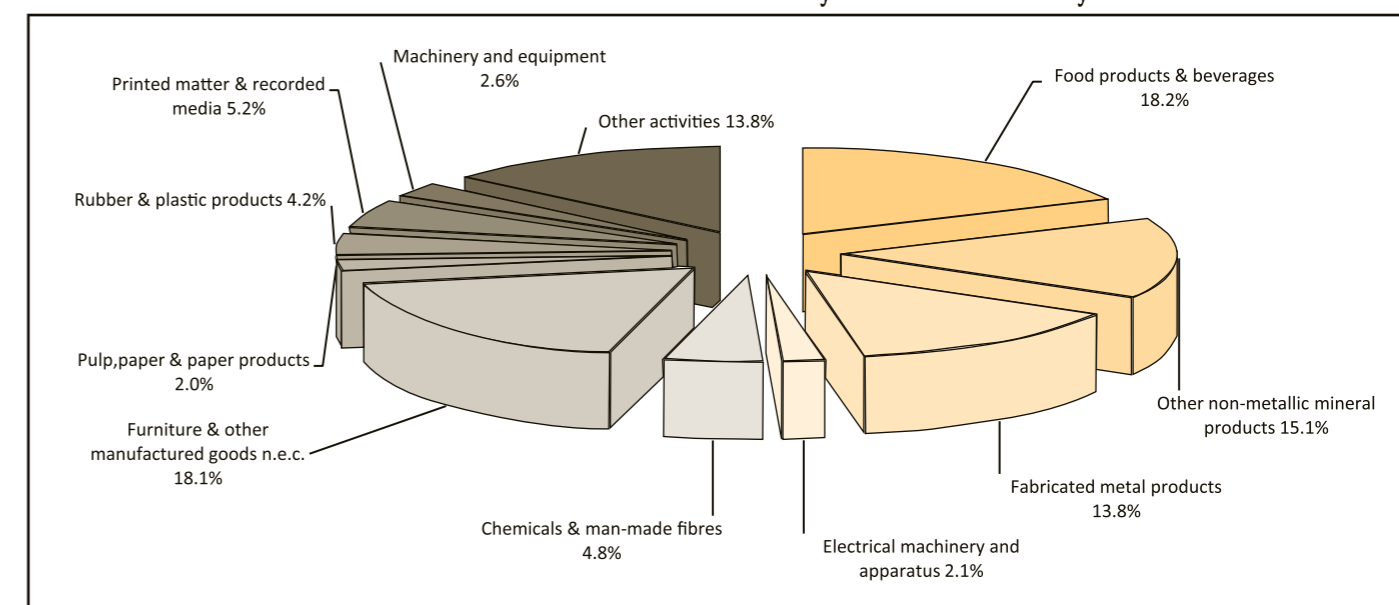
Industrial units are not evenly distributed over the Lebanese territory. However, the remote areas host an important number of large units.

Mohafaza	Beirut	Mount Lebanon	North Lebanon	Bekaa	South Lebanon	Nabatiyeh	Total
<b>Nb. of establish.</b>	239	2,010	518	744	420	102	4,033
<b>% of total</b>	5.9%	49.8%	12.8%	18.4%	10.4%	2.5%	100.0%
<b>Average workers per establish.</b>	19	25	17	18	12	12	21

#### B. MAIN INDUSTRIAL ACTIVITIES

- The Lebanese industrial sector is not very diversified, 86.2% of the industrial establishments operate in 10 major industrial sectors : Food products and beverages, Furniture and other manufactured goods, Other non-metallic mineral products, Fabricated metal products, Printed matter and recorded media, Chemicals and man-made fibres, Rubber and plastic products, Machinery and equipment, Electrical machinery and apparatus, Pulp, paper and paper products.
- These main industries generated 90.7 % of the total value-added of the sector, employed 87.3% of the workforce and achieved 94.6% of the yearly industrial investments.

**Distribution of Establishments by Economic Activity**



**Figure 1.1 Distribution of Establishments by Economic Activity**

#### C. SIZE OF INDUSTRIAL ESTABLISHMENTS

- The bulk of industrial establishments are small units. 78.2% employ between 5 and 19 workers, and only 3% employ more than 100.

Workforce by class	5- 9	10-19	20-34	35-49	50-99	100-249	≥ 250	Total
<b>Nb. of establish.</b>	2,081	1,072	449	146	166	87	32	4,033
<b>% of total</b>	51.6%	26.6%	11.1%	3.6%	4.1%	2.2%	0.8%	100.0%

#### D. INDUSTRIAL WORKFORCE

- The industrial workforce is estimated at 82,843 individuals out of which 8,100 are owners and 4,560 seasonal workers. Women represented 16.9 % of the total workforce.

Workforce by class	5- 9	10-19	20-34	35-49	50-99	100-249	≥ 250	Total
<b>Nb. of workers</b>	13,756	14,090	11,466	6,042	11,153	12,702	13,635	82,843
<b>% of total</b>	16.6%	17.0%	13.8%	7.3%	13.5%	15.3%	16.5%	100.0%

#### E. BUILT OPERATING AREA

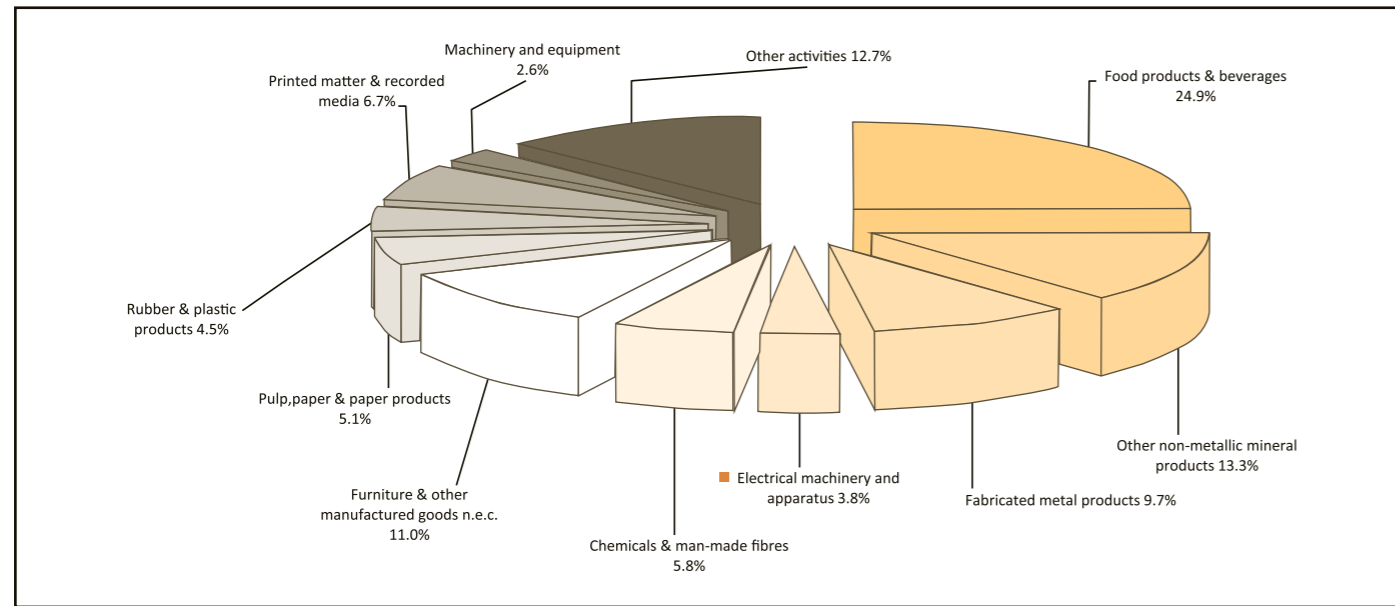
- The built operating area for the 4,033 of industrial enterprises surveyed was estimated at around 11.6 million m<sup>2</sup>, with an average built area per enterprise of 2,877 m<sup>2</sup> at the end of 2007. However, 62 % of the industrial enterprises were operating in a space of around 915,000 m<sup>2</sup> (364 m<sup>2</sup> per unit).

#### F. YEAR OF ESTABLISHMENT

- 70.1% of industrial enterprises surveyed in 2007 were established before 2000. In the last decade, 1,623 establishments were implemented.



**Distribution of Workforce by Economic Activity**



**Figure 1.2 Distribution of Workforce by Economic Activity**

**II. QUANTITATIVE ANALYSIS**

**A. INDUSTRIAL OUTPUT**

- Lebanese industrial enterprises employing more than 4 workers produced a gross output of USD 6.8 billion in 2007.
- The output per worker was equal to USD 82,087.
- The food and beverage sector was the largest contributor (25.7%) to industrial output.

**B. INTERMEDIATE CONSUMPTION**

- Lebanese industrial enterprises employing more than 4 workers had an intermediate consumption of USD 4.7 billion in 2007.
- Raw materials consumed (purchased raw materials minus stock variation) reached 82.0% of intermediate consumption.
- Expenditure on oil products for own production of electricity represented 4.1% of intermediate consumption and expenditure on electricity from the government represented 1.3% of intermediate consumption. In addition, 2.7% of the intermediate consumption is allocated to energy products for industrial equipment.
- Expenditure on maintenance represented 2.4% of intermediate consumption.
- Other operating costs represented 7.5% of the intermediate consumption.

**C. VALUE-ADDED**

- Value-added for industrial establishments employing more than 4 workers reached USD 2.1 billion in 2007. This value represents 8.4% of GDP estimated at 25.5 billion\* in 2007.
- The ratio of value-added to output was 30.4%.
- Value-added per worker was USD 24,927.

**D. FIXED ASSETS AND GROSS FIXED CAPITAL FORMATION**

- Fixed assets owned by the industrial sector in 2007 stood at around USD 4 billion.
- Gross fixed capital formation for all industrial establishments employing more than 4 workers was USD 296 million.
- The ratio of gross fixed capital formation over assets stood at 7.4%.

**E. SALARIES**

- Wages and salaries (including social contributions) reached USD 548 million in 2007.
- Average yearly salary per employee was USD 7,335.
- The ratio of wages and salaries in the value-added stood at 26.5%.

**TABLE A.I MAIN INDICATORS OF THE INDUSTRIAL SECTOR BY ECONOMIC ACTIVITY (PART D) - YEAR 2007**

Economic Activity	Nb. of establish.		Workforce		Nb. of employees		Salaries (000\$)		Output (000\$)		Input (000\$)		Value-added (000\$)		Investment (G.F.C.F.* (000\$))	
	2007	% of total	2007	% of total	2007	% of total	2007	% of total	2007	% of total	2007	% of total	2007	% of total	2007	% of total
Food products & beverages	736	18.2%	20,607	24.9%	18,915	25.3%	131,632	24.0%	1,748,453	25.7%	1,192,337	25.2%	556,116	26.9%	41,104	13.9%
Other non-metallic mineral products	609	15.1%	10,996	13.3%	9,824	13.1%	77,373	14.1%	797,109	11.7%	511,562	10.8%	285,547	13.8%	98,845	33.4%
Fabricated metal products	558	13.8%	8,054	9.7%	7,123	9.5%	51,334	9.4%	742,708	10.9%	577,553	12.2%	165,155	8.0%	20,806	7.0%
Electrical machinery and apparatus	83	2.1%	3,182	3.8%	2,994	4.0%	24,611	4.5%	719,354	10.6%	522,750	11.0%	196,604	9.5%	13,961	4.7%
Chemicals & man-made fibres	193	4.8%	4,792	5.8%	4,334	5.8%	37,992	6.9%	512,424	7.5%	357,646	7.6%	154,778	7.5%	38,349	12.9%
Furniture & other manufactured goods n.e.c.	730	18.1%	9,136	11.0%	7,927	10.6%	52,007	9.5%	453,903	6.7%	266,771	5.6%	187,133	9.1%	7,833	2.6%
Pulp, paper & paper products	82	2.0%	4,213	5.1%	3,892	5.2%	35,490	6.5%	399,714	5.9%	303,711	6.4%	96,003	4.6%	19,756	6.7%
Rubber & plastic products	168	4.2%	3,692	4.5%	3,315	4.4%	21,058	3.8%	322,622	4.7%	253,596	5.4%	69,026	3.3%	9,760	3.3%
Printed matter & recorded media	211	5.2%	5,510	6.7%	5,075	6.8%	44,258	8.1%	275,906	4.1%	161,256	3.4%	114,649	5.6%	25,855	8.7%
Machinery and equipment	105	2.6%	2,122	2.6%	1,917	2.6%	15,495	2.8%	206,129	3.0%	157,958	3.3%	48,171	2.3%	3,677	1.2%
Other activities	558	13.8%	10,541	12.7%	9,429	12.6%	56,951	10.4%	621,970	9.1%	430,150	9.1%	191,820	9.3%	16,194	5.4%
<b>Total</b>	<b>4,033</b>	<b>100.0%</b>	<b>82,843</b>	<b>100.0%</b>	<b>74,743</b>	<b>100.0%</b>	<b>548,203</b>	<b>100.0%</b>	<b>6,800,292</b>	<b>100.0%</b>	<b>4,735,290</b>	<b>100.0%</b>	<b>2,065,002</b>	<b>100.0%</b>	<b>296,140</b>	<b>100.0%</b>

\* G.F.C.F. = Gross Fixed Capital Formation

\* Source: Central Administration of Statistics: Economic accounts of Lebanon 2006-2007.

**TABLE A.2 MAIN INDICATORS OF THE INDUSTRIAL SECTOR BY ECONOMIC ACTIVITY (PART II) - YEAR 2007**

Economic Activity	Fixed assets (000\$)		Depreciation (000\$)		Salaries in % of value-added 2007	Value-added in % of output 2007	Employees in % of workforce 2007	Average workforce/establish. 2007	Output / workforce in USD 2007	Value-added/ workforce in USD 2007	Salary per employee in USD 2007
	2007	% of total	2007	% of total							
Food products & beverages	1,218,869	30.5%	85,019	28.4%	23.7%	31.8%	91.8%	28	84,848	26,987	6,959
Other non-metallic mineral products	850,937	21.3%	79,892	26.7%	27.1%	35.8%	89.3%	18	72,494	25,969	7,876
Fabricated metal products	315,397	7.9%	19,365	6.5%	31.1%	22.2%	88.4%	14	92,216	20,506	7,207
Electrical machinery and apparatus	83,601	2.1%	7,486	2.5%	12.5%	27.3%	94.1%	38	226,070	61,786	8,220
Chemicals & man-made fibres	325,091	8.1%	20,434	6.8%	24.5%	30.2%	90.4%	25	106,933	32,299	8,766
Furniture & other manufactured goods n.e.c.	219,702	5.5%	13,778	4.6%	27.8%	41.2%	86.8%	13	49,686	20,484	6,561
Pulp, paper & paper products	225,421	5.6%	16,425	5.5%	37.0%	24.0%	92.4%	51	94,888	22,790	9,120
Rubber & plastic products	193,430	4.8%	14,218	4.7%	30.5%	21.4%	89.8%	22	87,384	18,696	6,352
Printed matter & recorded media	227,289	5.7%	19,343	6.5%	38.6%	41.6%	92.1%	26	50,078	20,809	8,722
Machinery and equipment.	58,734	1.5%	3,757	1.3%	32.2%	23.4%	90.3%	20	97,139	22,701	8,083
<b>Other activities</b>	280,249	7.0%	19,925	6.6%	29.7%	30.8%	89.5%	19	59,008	18,198	6,040
<b>Total</b>	<b>3,998,720</b>	<b>100.0%</b>	<b>299,642</b>	<b>100.0%</b>	<b>26.5%</b>	<b>30.4%</b>	<b>90.2%</b>	<b>21</b>	<b>82,087</b>	<b>24,927</b>	<b>7,335</b>

**TABLE A.3 MAIN INDUSTRIAL RATIOS BY ECONOMIC ACTIVITY - YEAR 2007**

Ratios	Food products & beverages	Other non-metallic mineral products	Fabricated metal products	Electrical machinery and apparatus	Chemicals & man-made fibres	Furniture & other manufactured goods n.e.c.	Pulp, paper & paper products	Rubber & plastic products	Printed matter & recorded media	Machinery and equipment	Other activities	Total
Output / Worker (in USD)	84,848	72,494	92,216	226,070	106,933	49,686	94,888	87,384	50,078	97,139	59,008	82,087
Output / Assets	143.4%	93.7%	235.5%	860.5%	157.6%	206.6%	177.3%	166.8%	121.4%	351.0%	221.9%	170.1%
Value-added / Worker (in USD)	26,987	25,969	20,506	61,786	32,299	20,484	22,790	18,696	20,809	22,701	18,198	24,927
Value-added / Assets	45.6%	33.6%	52.4%	235.2%	47.6%	85.2%	42.6%	35.7%	50.4%	82.0%	68.4%	51.6%
Value-added / Output	31.8%	35.8%	22.2%	27.3%	30.2%	41.2%	24.0%	21.4%	41.6%	23.4%	30.8%	30.4%
Assets / Worker (in USD)	59,148	77,390	39,160	26,273	67,840	24,049	53,512	52,392	41,254	27,679	26,587	48,269
G.F.C.F. / Worker (in USD)	1,995	8,990	2,583	4,388	8,003	857	4,690	2,644	4,693	1,733	1,536	3,575
G.F.C.F. / Assets	3.4%	11.6%	6.6%	16.7%	11.8%	3.6%	8.8%	5.0%	11.4%	6.3%	5.8%	7.4%
Depreciation / Assets	7.0%	9.4%	6.1%	9.0%	6.3%	6.3%	7.3%	7.4%	8.5%	6.4%	7.1%	7.5%
Depreciation / Value-added	15.3%	28.0%	11.7%	3.8%	13.2%	7.4%	17.1%	20.6%	16.9%	7.8%	10.4%	14.5%
Input / Worker (in USD)	57,861	46,525	71,710	164,284	74,634	29,202	72,098	68,688	29,269	74,438	40,809	57,160
Raw materials / Total inputs	80.4%	62.6%	94.7%	97.8%	81.5%	89.6%	86.0%	91.1%	83.3%	91.9%	92.5%	85.3%
Energy expenditures / Total inputs	9.2%	19.3%	4.1%	1.3%	8.1%	4.3%	7.0%	8.0%	6.8%	3.4%	3.7%	7.4%
Salaries / Value-added	23.7%	27.1%	31.1%	12.5%	24.5%	27.8%	37.0%	30.5%	38.6%	32.2%	29.7%	26.5%
Salaries / Assets	10.8%	9.1%	16.3%	29.4%	11.7%	23.7%	15.7%	10.9%	19.5%	26.4%	20.3%	13.7%
Salaries / Output	7.5%	9.7%	6.9%	3.4%	7.4%	11.5%	8.9%	6.5%	16.0%	7.5%	45.1%	8.1%
Employees / Workforce	91.8%	89.3%	88.4%	94.1%	90.4%	86.8%	92.4%	89.8%	92.1%	90.3%	89.5%	90.2%
Average workforce per establishment	28	18	14	38	25	13	51	22	26	20	19	21
Average salary per employee in USD	6,959	7,876	7,207	8,220	8,766	6,561	9,120	6,352	8,722	8,083	6,040	7,335
Average built area per establishment	1,695	8,731	1,508	3,953	4,453	909	4,687	2,732	1,320	2,978	1,629	2,877

**TABLE B.1 MAIN INDICATORS OF THE INDUSTRIAL SECTOR BY ESTABLISHMENT SIZE - YEAR 2007**

Workforce by class	Nb. of establish.	Workforce	Nb. of employees	Salaries (000\$)	Output (000\$)	Input (000\$)	Value-added (000\$)	G.F.C.F. (000\$)	Fixed assets (000\$)	Depreciation (000\$)	V.A. / Output	G.F.C.F. / Worker
<b>5-9 workers</b>	2,081	13,756	10,580	62,373	514,298	344,203	170,095	9,093	420,012	25,188	33.1%	661
<b>in% 2007</b>	51.6%	16.6%	14.2%	11.4%	7.6%	7.3%	8.2%	3.1%	10.5%	8.4%		
<b>10-19 workers</b>	1,072	14,090	11,776	70,425	774,796	542,478	232,317	13,821	465,498	36,342	30.0%	981
<b>in% 2007</b>	26.6%	17.0%	15.8%	12.8%	11.4%	11.5%	11.3%	4.7%	11.6%	12.1%		
<b>20-34 workers</b>	449	11,466	10,310	65,276	971,500	722,856	248,644	29,041	418,987	31,464	25.6%	2,533
<b>in% 2007</b>	11.1%	13.8%	13.8%	11.9%	14.3%	15.3%	12.0%	9.8%	10.5%	10.5%		
<b>35-49 workers</b>	146	6,042	5,630	35,727	504,827	380,202	124,624	11,879	222,826	14,632	24.7%	1,966
<b>in% 2007</b>	3.6%	7.3%	7.5%	6.5%	7.4%	8.0%	6.0%	4.0%	5.6%	4.9%		
<b>50-99 workers</b>	166	11,153	10,696	79,121	1,036,987	750,642	286,345	38,706	508,679	34,754	27.6%	3,471
<b>in% 2007</b>	4.1%	13.5%	14.3%	14.4%	15.2%	15.9%	13.9%	13.1%	12.7%	11.6%		
<b>100-249 workers</b>	87	12,702	12,402	108,544	1,518,247	1,056,754	461,493	85,478	735,874	58,760	30.4%	6,730
<b>in% 2007</b>	2.2%	15.3%	16.6%	19.8%	22.3%	22.3%	22.3%	28.9%	18.4%	19.6%		
<b>≥ 250 workers</b>	32	13,635	13,350	126,737	1,479,638	938,155	541,483	108,122	1,226,843	98,502	36.6%	7,930
<b>in% 2007</b>	0.8%	16.5%	17.9%	23.1%	21.8%	19.8%	26.2%	36.5%	30.7%	32.9%		
<b>Total 2007</b>	<b>4,033</b>	<b>82,843</b>	<b>74,743</b>	<b>548,203</b>	<b>6,800,292</b>	<b>4,735,290</b>	<b>2,065,002</b>	<b>296,140</b>	<b>3,998,720</b>	<b>299,642</b>	<b>30.4%</b>	<b>3,575</b>

**TABLE B.2 MAIN INDUSTRIAL RATIOS BY ESTABLISHMENT SIZE - YEAR 2007**

Ratios	Workforce by class (nb. of workers)							Total
	5-9	10-19	20-34	35-49	50-99	100-249	≥ 250	
<b>Output / Worker (in USD)</b>	37,387	54,989	84,729	83,560	92,982	119,528	108,522	82,087
<b>Output / Assets</b>	122.4%	166.4%	231.9%	226.6%	203.9%	206.3%	120.6%	170.1%
<b>Value-added / Worker (in USD)</b>	12,365	16,488	21,685	20,628	25,675	36,332	39,714	24,927
<b>Value-added / Assets</b>	40.5%	49.9%	59.3%	55.9%	56.3%	62.7%	44.1%	51.6%
<b>Value-added / Output</b>	33.1%	30.0%	25.6%	24.7%	27.6%	30.4%	36.6%	30.4%
<b>Assets / Worker (in USD)</b>	30,533	33,037	36,542	36,883	45,611	57,934	89,981	48,269
<b>G.F.C.F. / Worker (in USD)</b>	661	981	2,533	1,966	3,471	6,730	7,930	3,575
<b>G.F.C.F. / Assets</b>	2.2%	3.0%	6.9%	5.3%	7.6%	11.6%	8.8%	7.4%
<b>Depreciation / Assets</b>	6.0%	7.8%	7.5%	6.6%	6.8%	8.0%	8.0%	7.5%
<b>Depreciation / Value-added</b>	14.8%	15.6%	12.7%	11.7%	12.1%	12.7%	18.2%	14.5%
<b>Input / Worker (in USD)</b>	25,022	38,501	63,043	62,932	67,307	83,196	68,807	57,160
<b>Raw materials /Inputs</b>	87.8%	88.4%	93.2%	91.5%	91.7%	81.3%	73.1%	85.3%
<b>Energy expenditures / Inputs</b>	7.9%	6.8%	4.7%	4.2%	5.6%	7.0%	13.0%	7.4%
<b>Salaries / Value-added</b>	36.7%	30.3%	26.3%	28.7%	27.6%	23.5%	23.4%	26.5%
<b>Salaries / Assets</b>	14.9%	15.1%	15.6%	16.0%	15.6%	14.8%	10.3%	13.7%
<b>Salaries / Output</b>	12.1%	9.1%	6.7%	7.1%	7.6%	7.1%	8.6%	8.1%
<b>Employees / Workforce</b>	76.9%	83.6%	89.9%	93.2%	95.9%	97.6%	97.9%	90.2%
<b>Average workforce per establishment</b>	7	13	26	41	67	146	426	21
<b>Average salary per employee (in USD)</b>	5895	5980	6331	6346	7398	8752	9494	7,335
<b>Average built area per establishment</b>	806	2,121	3,817	3,570	7,286	22,234	70,962	2,877



**TABLE C.1 MAIN INDICATORS OF THE INDUSTRIAL SECTOR BY MOHAFAZA - YEAR 2007**

Mohafaza	Nb. of establish.	Workforce	Nb. of Employees	Salaries (000\$)	Output (000\$)	Input (000\$)	Value-added (000\$)	G.F.C.F. (000\$)	Fixed assets (000\$)
Beirut	239	4,509	3,999	28,160	492,719	385,434	107,285	18,367	137,619
%	5.9%	5.4%	5.3%	5.1%	7.2%	8.1%	5.2%	6.2%	3.4%
Mount Lebanon	2,010	50,422	46,303	372,205	4,454,395	3,068,572	1,385,823	135,025	2,439,769
%	49.8%	60.9%	61.9%	67.9%	65.5%	64.8%	67.1%	45.6%	61.0%
North Lebanon	518	8,677	7,811	59,658	790,777	522,084	268,693	127,341	702,426
%	12.8%	10.5%	10.5%	10.9%	11.6%	11.0%	13.0%	43.0%	17.6%
Bekaa	744	13,149	11,522	60,302	679,913	483,552	196,361	11,625	551,970
%	18.4%	15.9%	15.4%	11.0%	10.0%	10.2%	9.5%	3.9%	13.8%
South Lebanon	420	4,846	4,057	23,060	323,046	234,758	88,288	2,750	140,828
%	10.4%	5.8%	5.4%	4.2%	4.8%	5.0%	4.3%	0.9%	3.5%
Nabatiyeh	102	1,241	1,052	4,818	59,441	40,889	18,552	1,032	26,109
%	2.5%	1.5%	1.4%	0.9%	0.9%	0.9%	0.9%	0.3%	0.7%
<b>Total</b>	<b>4,033</b>	<b>82,843</b>	<b>74,743</b>	<b>548,203</b>	<b>6,800,292</b>	<b>4,735,290</b>	<b>2,065,002</b>	<b>296,140</b>	<b>3,998,720</b>

**TABLE C.2 MAIN INDUSTRIAL RATIOS BY MOHAFAZA - YEAR 2007**

Ratios	Mohafaza						Total
	Beirut	Bekaa	Mount Lebanon	Nabatiyeh	North Lebanon	South Lebanon	
Output / Worker (in USD)	109,287	51,710	88,343	47,898	91,135	66,662	82,087
Output / Assets	358.0%	123.2%	182.6%	227.7%	112.6%	229.4%	170.1%
Value-added / Worker (in USD)	23,796	14,934	27,485	14,949	30,966	18,219	24,927
Value-added / Assets	78.0%	35.6%	56.8%	71.1%	38.3%	62.7%	51.6%
Value-added / Output	21.8%	28.9%	31.1%	31.2%	34.0%	27.3%	30.4%
Assets / Worker (in USD)	30,524	41,980	48,387	21,038	80,953	29,061	48,269
G.F.C.F. / Worker (in USD)	4,074	884	2,678	832	14,676	568	3,575
G.F.C.F. / Assets	13.3%	2.1%	5.5%	4.0%	18.1%	2.0%	7.4%
Depreciation / Assets	7.3%	6.8%	7.5%	7.8%	8.0%	6.8%	7.5%
Depreciation / Value-added	9.4%	19.2%	13.3%	11.0%	20.9%	10.9%	14.5%
Input / Worker (in USD)	85,490	36,776	60,858	32,949	60,169	48,444	57,160
Raw materials / Total inputs	95.0%	85.5%	86.4%	82.0%	68.2%	92.5%	85.3%
Energy expenditures / Total inputs	2.2%	11.6%	6.4%	8.7%	14.5%	5.0%	7.4%
Salaries / Value-added	26.2%	30.7%	26.9%	26.0%	22.2%	26.1%	26.5%
Salaries / Assets	20.5%	10.9%	15.3%	18.5%	8.5%	16.4%	13.7%
Salaries / Output	5.7%	8.9%	8.4%	8.1%	7.5%	7.1%	8.1%
Employees / Workforce	88.7%	87.6%	91.8%	84.8%	90.0%	83.7%	90.2%
Average workforce per establishment	19	18	25	12	17	12	21
Average salary per employee (in USD)	7,043	5,234	8,039	4,580	7,638	5,684	7,335
Average built area per establishment	968	3,421	2,687	1,682	5,437	1,035	2,877

**TABLE D.1 DISTRIBUTION OF VALUE-ADDED BY ESTABLISHMENT SIZE - YEAR 2007**

Workforce by class	Nb. of establish.	Value-added (000\$)	Value-added in % of output	VA per worker (in USD)
5 to 9 workers	2081	170,095	33.1%	12,365
10 to 19 workers	1072	232,317	30.0%	16,488
20 to 34 workers	449	248,644	25.6%	21,685
35 to 49 workers	146	124,624	24.7%	20,628
50 to 99 workers	166	286,345	27.6%	25,675
100 to 249 workers	87	461,493	30.4%	36,332
≥ 250 workers	32	541,483	36.6%	39,714
<b>Total</b>	<b>4,033</b>	<b>2,065,002</b>	<b>30.4%</b>	<b>24,927</b>

**TABLE D.2 DISTRIBUTION OF VALUE-ADDED BY ECONOMIC ACTIVITY - YEAR 2007**

ISIC code	Economic Activity	Nb. of establish.	Value-added %	Value-added in % of output	Value-added per worker (in USD)	Salaries in % of value-added
15	Food products & beverages	736	26.9%	31.8%	26,987	23.7%
26	Other non-metallic mineral products	609	13.8%	35.8%	25,969	27.1%
28	Fabricated metal products	558	8.0%	22.2%	20,506	31.1%
31	Electrical machinery and apparatus	83	9.5%	27.3%	61,786	12.5%
24	Chemicals & man-made fibres	193	7.5%	30.2%	32,299	24.5%
36	Furniture & other manufactured goods n.e.c.	730	9.1%	41.2%	20,484	27.8%
21	Pulp, paper & paper products	82	4.6%	24.0%	22,790	37.0%
25	Rubber & plastic products	168	3.3%	21.4%	18,696	30.5%
22	Printed matter & recorded media	211	5.6%	41.6%	20,809	38.6%
29	Machinery and equipment.	105	2.3%	23.4%	22,701	32.2%
	<b>Other activities</b>	558	9.3%	30.8%	18,198	29.7%
	<b>Total</b>	<b>4033</b>	<b>100.0%</b>	<b>30.4%</b>	<b>24,927</b>	<b>26.5%</b>

## I. METHODOLOGY AND PROCEDURES

### I.1 STUDY CONCEPTS

#### I.1.1 Study objectives

The Lebanese Ministry of Industry, with the cooperation of the ALI and the UNIDO, launched at the end of 2008 a study to assess the industrial sector in Lebanon, for the year 2007.

The first priority of the study was to locate and survey all industrial establishments with 5 workers and more.

The objectives of the study are to:

- Establish an accurate and updated register encompassing data on industrial establishments and leading the way to more technically oriented studies.

- Obtain financial operational information and industrial indicators, such as value-added, employment and workforce profile, main operating expenses and stocks. These figures are vital to gain a useful insight on the industrial sector.

- Define major business environment problems which are faced by the industrial operators.

- Suggest, in a second phase, a development strategy and define measures to overcome obstacles and support the expansion of the sector.

It is important to mention that this study is one of the outputs from a UNIDO project to strengthen the statistical information system within the MoI. UNIDO is providing the technical assistance on various fields to achieve this objective. The technical support of UNIDO helped the MoI to build a database, which allows further economic analysis to be conducted.

#### I.1.2 Study specifications

By International definition, a given company is considered as an industrial unit conditionally on the possession of at least one machine, one worker, raw materials and an output product. Along with this definition, the study limited the scope of work to establishments meeting the following criteria:

- Workforce with a minimum of 5 workers

- Operating area with at least 100 m<sup>2</sup> (except for the jewelry and lathe industries)
- Energy consumption with a minimum of 50 Amperes or equivalent.

All surveyed industrial establishments lie under the scope of the Industrial Permitting Department or benefit from industrial certificates issued by the Technical department at the MoI.

**The tables generated for the study are based on the 4,033 establishments that meet the criteria defined above.**

#### I.1.3 Basic definitions

The study regroups two types of establishments:

- **Establishments with an individual factory** are establishments who possess only one factory which is not owned or supervised by any other establishment; even though its administrative offices might not be located in the same place of the factory.

- **Establishments with multiple factories** are establishments supervising multiple factories with one accounting statement. If one of these factories has its own accounting statement, it has been considered as an individual establishment.

**N.B.** The information related to an establishment is classified in its main industrial activity and in the region of the main factory location.

## I.2 PRELIMINARY PHASE

### I.2.1 Questionnaires design

Several meetings took place between representatives from the MoI, ALI, and UNIDO to design the questionnaires.

Two types of questionnaires have been designed: The first one (identification questionnaire) covers basic information related to business name, location, legal status, industrial activities (see Part I below).

The second one (detailed questionnaire) is divided in three parts:



- 1.The first part covers basic information (as the identification questionnaire),
- 2.The second part addresses questions related to financial data,
- 3.The third part incorporates questions to point out the different problems encountered by industrialists.

### Part I. Identification Information

- 1.Name and address of the industrial establishment.
- 2.Basic information such as: number of employees, industrial activities, year of establishment, legal status, capital, source of power...

### Part II. Financial data

- 1.Number of employees and their distribution according to gender, occupation, salary...
- 2.Total production, sales figures, and, income from non-industrial activities
- 3.Value of finished and raw materials stock (opening & closing 2007)
- 4.Industrial and non-industrial expenditures
- 5.Fixed assets and investments during 2007
- 6.Membership/participation in professional associations
- 7.Source of financing
- 8.Electricity consumption including own generation of electricity
- 9.Water source and waste management
- 10.Quality certification.

### Part III. Business environment and difficulties

- 1.Rules and regulations
- 2.Customs and customs tariffs
- 3.Taxes
- 4.National Social Security Fund (NSSF)
- 5.Environment
- 6.Classification and price of lands for industrial use
- 7.Marketing and distribution
- 8.Transport and telecommunication
- 9.Electrical energy
- 10.Infrastructure and town planning
- 11.Finance
- 12.Availability of information pertaining to world markets

### 1.2.2 Training of surveyors and pilot survey

- A Training Manual (Guidebook) has been prepared to provide surveyors with clarification of all parts and questions of the questionnaires. In addition, this guidebook instructs surveyors how to act in the different situations they might encounter once they are in the field.

- A training seminar was held by MoI and ALI to:
  - explain the questionnaires to the surveyors
  - prepare the surveyors to begin the fieldwork (data collection).

- These sessions were followed by a pilot survey (around 50 completed detailed questionnaires) in order to:
  - perceive the industrialists' feedback,
  - check the validity of the information,
  - check the surveyor's ability to undertake the interviews.

This pilot survey helped to identify the difficulties encountered, upgrade the questionnaire and show the necessity of hiring more experienced surveyors.

Two supervisors and 34 surveyors were in charge of the fieldwork:

- 18 surveyors for Beirut and Mount Lebanon
- 10 surveyors for North Lebanon
- 3 surveyors for South Lebanon and Nabatiyeh
- 3 surveyors for the Bekaa

### 1.2.3 Database compilation

The last industrial census has been conducted in 1995. It was updated in 1998. This database included handicraft and very small and micro activities. Therefore, one of the major challenging factors of interest in the starting phase of this study was to redefine the database needed by excluding the small industrial activities.

The initial database was compiled from the following sources:

- Industrial establishments that were listed at MoI from the 1998 industrial survey.
- Industrial establishment registered at the Indus-

trial Permitting Department and benefiting from industrial certificates and permits at MoI.

- A list of industrial establishments provided by the Association of Lebanese Industrialists enclosing the ALI members and the CCIAB subscribers.

Due to multiple sources of data, the study faced a high risk of duplication. To avoid this risk, an automated and manual matching process was conducted. The detection operation of duplicate establishments was complicated especially when an establishment had a business name different from the official name or when Arabic and Latin names differed.

### 1.3 STUDY IMPLEMENTATION

In the launching phase, an awareness campaign was initiated by the MoI and ALI to increase the responsiveness of the industrialists. A press conference was held by the Minister of Industry **H.E. Mr. Gazi ZAETER** to explain the objectives and the importance of the study. Several incentive measures and letters were issued by the minister in this regard. The same support effort has been maintained by the Minister of Industry **H.E. Eng. Abraham DEDEYAN**.

The survey started at the end of 2008 and ended by mid year 2010. Great efforts were made to reduce the non cooperation rate related to the de-

tailed questionnaire (all industrialists filled out the identification questionnaire). This rate is estimated at 2.2% (198 establishments).

During the fieldwork, contacts were made through the municipalities, mayors, professional associations, and regional representatives of industrialists in order to locate the industries' addresses and search for new industrial establishments that were not listed in the initial database. This process helped the fieldworkers to identify additional establishments.

The surveyors targeted around 8,900 establishments. Among these establishments:

- 14.7% had closed down, moved or were not found at the indicated address,
- 2.2% are industries that refused to fill the detailed questionnaire,
- 3.3% changed activity and turned into trade,
- 34.4% hire less than five employees or have been newly established (from January 2008 to June 2010),
- 45.3% were considered as large establishments meeting the stated criteria.

The distribution of the surveyed establishments by mohafaza and size is given in Table 1. and Table 2. as follows:

Table 1.1 Distribution of establishments by mohafaza and status

Mohafaza	Closed/ Moved	Non- cooperative	Trade	Large* establish.	Small**/new establish.	Total
Bekaa	74	2	13	744	347	1180
Nabatiyeh	44	2	1	102	120	269
Beirut	111	7	83	239	205	645
Mount Lebanon	778	148	145	2010	1541	4622
South Leba- non	144	4	12	420	252	832
North Leba- non	158	35	43	518	600	1354
<b>Total</b>	<b>1309</b>	<b>198</b>	<b>297</b>	<b>4033</b>	<b>3065</b>	<b>8902</b>
<b>% of total</b>	<b>14.7%</b>	<b>2.2%</b>	<b>3.3%</b>	<b>45.3%</b>	<b>34.4%</b>	<b>100.0%</b>

\*establishments that meet the criteria cited in 1.1.2 paragraph

\*\*establishments that do not meet the criteria cited in 1.1.2 paragraph

**Table 1.2 Distribution of establishments by activities and size**

Economic activity	Large* establishments	Small** establishments	Total
Food products & beverages	736	618	1354
Furniture & other manufactured goods	730	541	1271
Other non-metallic mineral products	609	307	916
Fabricated metal products	558	758	1316
Printed matter & recorded media	211	148	359
Clothes & dyeing fur	210	89	299
Chemicals & man-made fibres	193	78	271
Rubber & plastic products	168	47	215
Machinery and equipment.	105	51	156
Leather & leather products	105	57	162
Wood products (except furniture)	87	158	245
Electrical machinery and apparatus	83	48	131
Pulp, paper & paper products	82	30	112
Textiles	77	83	160
Other Products	79	52	131
<b>Total</b>	<b>4033</b>	<b>3065</b>	<b>7098</b>

\*establishments that meet the criteria cited in 1.1.2 paragraph

\*\*establishments that do not meet the criteria cited in 1.1.2 paragraph

The *detailed questionnaire* was filled out by 4,033 industrialists owning establishments that meet the criteria cited in paragraph 1.1.2 whereas 3,065 industrialists filled out only the *identification questionnaire*.

Fieldwork, validation and cleaning of data were carried out by the Mol and ALI with the support of UNIDO specialists who provided technical advice and developed the data entry program.

Statistical tables were generated by the Mol. The report was written by a national expert with collaboration of the Mol team.

### 1.3.1 Data supervision and coding

A team controlled the collected information by checking its validity, accuracy and consistency, and undertook the coding of the questionnaires. The controllers' work was impeded by many difficulties such as false declaration of information and inconsistency of results among the different variables. These handicaps compelled a huge effort when going through the collected information. Another team was thus formed to call back the concerned establishments and correct any information suspected inconsistent or contradictory. Often, establishments were kindly asked to send their account statement to check and to verify the financial information.

Industrial activities were coded using the ISIC 3.1 system at the 4-digit level while the products were classified according to the Harmonized System (HS) at the 6-digit level.

### 1.3.2 Tables generation

- Tables were generated by the Mol team with a technical support from UNIDO using queries in Access and Excel Microsoft Office program.

- The primary objective of the tables was to integrate and consolidate data collected from the questionnaires aiming to facilitate the sector analysis report.

- Tables show the different aspects of the industrial establishments and their geographical and sector distribution.

- Tables have been designed according to three major criteria ;

1. Activity sector: (ISIC 4 detailed or ISIC 2 global activities)

2. Regional distribution (Caza for detailed or Mohafaza global activities)

3. Size of companies based on the number of workers

Non-cooperating establishments are not included.

All descriptive and financial data included in the questionnaires were provided by the person in charge in the industries who are solely responsible for the information. Furthermore, no extrapolation was undertaken and the study covered all targeted industries, except those who refused to cooperate.

The confidentiality clause included in the questionnaire was totally respected in the generated tables. Data related to one or two establishments in any aggregate was merged to the closest activities or was classified under a neutral denomination i.e. other activities of the sector in order to avoid any disclosure of financial data.

**The tables generated for the study are based on the 4,033 establishments that meet the criteria defined in paragraph 1.1.2.**

### 1.3.3 Problems encountered

Difficulties encountered by the surveyors can be summarized as follows:

- Difficulty in locating a significant number of industries/factories and the lack of accurate or incomplete address and phone number created a major problem in reaching establishments.

- Insufficient commitment from the industrialist in submitting the questionnaire in time forced surveyors to visit some firms several times in order to get the requested information.

- In addition, the absence of the person in charge (manager or owner) and who has the authority to submit the requested information, contributed to the fact that the surveyor had to undertake several visits to complete the questionnaire.

- Industrialists are cautious when answering statistical studies. Their fear of an abusive use of the information makes them very reluctant. They either fear that the Ministry of Finance will use that information to enforce tax adjustments or that the Social Security may proceed to some inspections. The assurance, that a non-abusive use of those data will be made, did reduce those fears.

- Non-accuracy of the collected data, due to the unavailability of precise data in the small and medium size companies especially those that are not officially registered at the trade register. In some cases, tendency to lower the profits and increase the expenditures was making the data incoherent.

- Some establishments made some false declarations. The surveyors then had to revisit the firm and check whether the data provided was correct, a fact that slowed down the collect of questionnaires. After collection, several phone calls were made in order to validate the information considered inconsistent.

- Reliance on external auditors turned out to be more time consuming since the latter were often busy. In fact, large establishments were most of the time filling the questionnaires in accordance with their Balance Sheets and profit and loss accounts.

### 1.3.4 Problems management

To alleviate the different problems, the supervision team undertook several measures and steps:

- Intensification of visits to the establishments as well as mayors and president of municipalities.

- Frequent demands to ALI members to intervene with reluctant industrialists to fill the questionnaire.

- Frequent phone calls from the controller team to the industrialists to fill the questionnaire, and adjust some missing data and comfort them about any risk of misuse of the data.

- Letter from the minister to push the industrialists to fill the questionnaire.

## 2. GENERAL FEATURES OF THE LEBANESE INDUSTRIAL SECTOR

The figures produced in this report cover the outcomes and performances realized by the industrial establishments in 2007. That year was a particular one, since it came after the war of 2006, which brought disorder and uncertainty to the country. Some results could have been negatively impacted by damages and losses occurred by the establishments during the previous year or, on the contrary, by the positive effect of the rehabilitation and reconstruction works executed in 2007.

According to the study's results, in 2007, Lebanon's industrial sector counted 4,033 establishments that met the criteria cited in paragraph 1.1.2. This total excludes the 198 establishments that did not cooperate, the Tobacco monopoly, public water and power establishments and construction activities. Industrial establishments with less than 4 workers and with low fixed assets and sales, were considered as handicraft activities, and were not included in this study.

### 2.1 MAPPING THE INDUSTRIAL ACTIVITIES

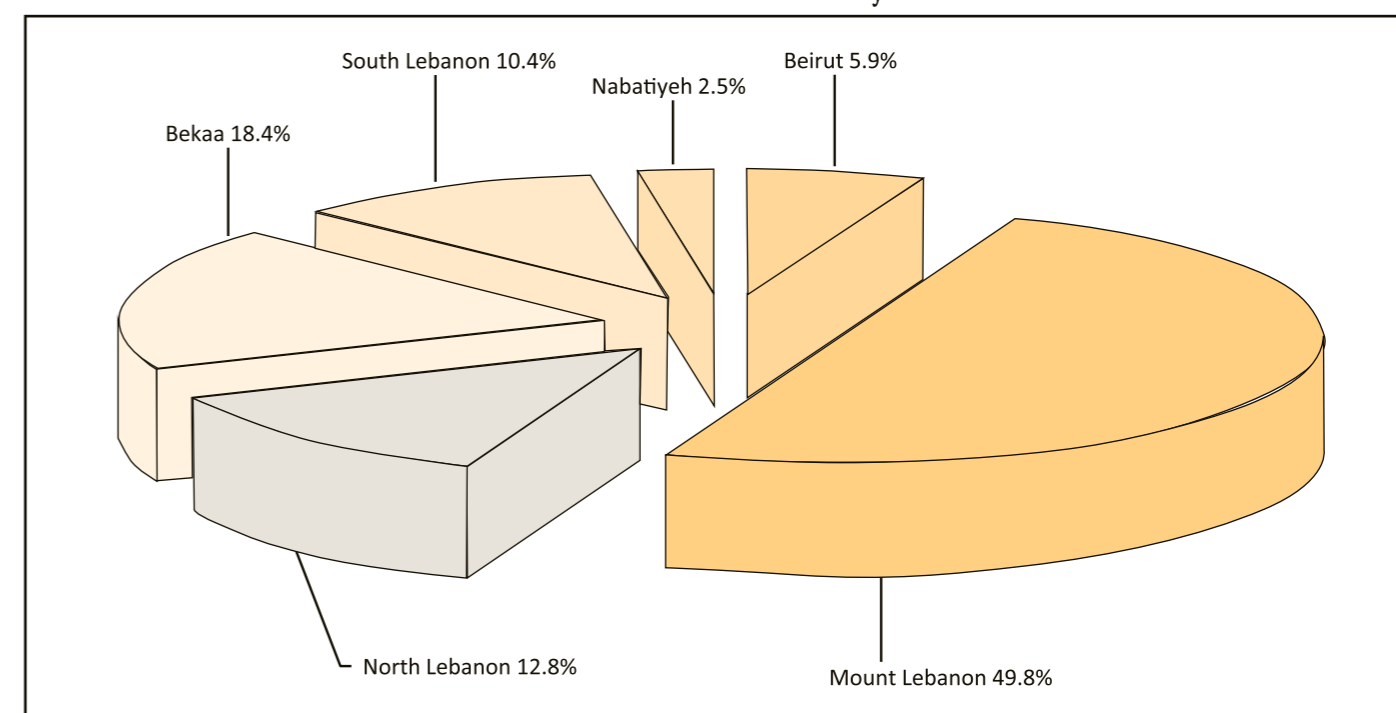
Like other main economic activities, industrial units were not evenly distributed over the Lebanese territory. However, the industrial sector is the only one to have the particularity to host large units in the rural and remote areas, mainly manufacturing activities using large surface areas for their operations. The largest industrial establishments were located out of the central Mohafaza of Beirut and Mount Lebanon, especially in North Lebanon and Bekaa.

In fact, one of the main observations of this study could be that the remote Mohafaza hosted large and small industries and were less attractive to the medium size enterprises employing between 10 and 100 workers.

**Table 2.1 Distribution of industrial establishments by region and average number of workers by establishment**

Mohafaza	Beirut	Mount Lebanon	North Lebanon	Bekaa	South Lebanon	Nabatiyeh	Total
<b>Nb. of establish.</b>	239	2,010	518	744	420	102	4,033
<b>% of total</b>	5.9%	49.8%	12.8%	18.4%	10.4%	2.5%	100.0%
<b>Average workers per establish.</b>	19	25	17	18	12	12	21

**Distribution of establishments by mohafaza**



**Figure 2.1 Distribution of establishments by mohafaza**

### MOUNT LEBANON

- Mount Lebanon hosted 49.8 % of the country's industrial units, and 84 out of the 119 largest (more than 100 workers) establishments in the country. This relatively high concentration of large units in this Mohafaza explains why as much as 65.5% of the total industrial output originated in Mount Lebanon, and around 61.9% of the total employees were concentrated there.
- Industries located in the caza of Aaley (4.7 % of the total establishments), showed high performances as their share of total output reached 13 % of the total industries of the country, and employed 9.5 % of the total workforce.
- Industries established in Mount Lebanon benefit from the logistics and services supplied by central area of Beirut and vicinity, where banking, transportation, courier, and technical services are available. Other regions of the country that are distant from the capital do not benefit from similar quality of services. Hence, despite much cheaper land for example, regions that are farther from Beirut do not attract much investors.
- Most of the industries established in Mount Lebanon were in the three Caza of Matn, Baabda and Aaley.
- The Matn caza hosted 27.3% of the Lebanese industrial establishments, employed 25.5 % of the total workforce and produced 22.7 % of the total output of the manufacturing activities.

**Table 2.2 Mount Lebanon main aggregates**

Mohafaza	Nb. of establish.	Workforce	Wages & Salaries (000\$)	Output (000\$)
<b>Mount Lebanon</b>	2,010	50,422	372,205	4,454,395
<b>% of total</b>	49.8%	60.9%	67.9%	65.5%



## BEKAA

The Bekaa region came in second position after Mount Lebanon, with 18.4% of the industrial units in the country, 15.9% of the total workforce, but with only 10.0% of the total output.

- Zahle was the most active caza after the Matn, hosting 8.4% of the total establishments employing 9.7% of the workforce but generating only 6.8% of the industrial output. About 45% of the 744 establishment located in the Bekaa were in Zahle caza.

- The Bekaa hosted a large number of important

industries attracted by the availability of large plots of land, their low cost along with low salaries paid in the region.

- Industrial activities were concentrated in two main sectors: stone cutting and shaping and the fruit and vegetables packing and processing.

- Wages were very low compared to other Mohafaza with an average annual salary of USD 5,234 per employee compared to USD 8,039 in Mount Lebanon and USD 7,335 at the national level.

Table 2.3 Bekaa main aggregates

Mohafaza	Nb. of establish.	Workforce	Wages & Salaries (000\$)	Output (000\$)
Bekaa	744	13,149	60,302	679,913
% of total	18.4%	15.9%	11.0%	10.0%

## NORTH LEBANON

- North Lebanon used to be the second most active industrial Mohafaza after Mount Lebanon according to the 2 previous surveys (1994 & 1998). In 2007, the North region was in the third position with 518 establishments and 10.5% of the workforce.

- North Lebanon were one of the mohafaza that suffers the most from the various challenges faced by the industrial sector. This Mohafaza lost a large number of medium and large size companies during the last decade mainly in the area of Tripoli city and Akkar.

- Industries in North Lebanon were mainly small enterprises, with more than 83.6% of the establishments having less than 20 workers. Only 9 out of the 119 establishments employing more than 100 workers in the country were located in this

region.

- Contrary to the other remote Mohafaza, the North's share of the total value-added of the industrial sector (13.0 %) was larger than its share of the total workforce (10.5%)

- The largest companies in the North (those having more than 250 workers) were related to the construction materials industry, mainly cement.

- In fact the North registered a very high rate of new investment in 2007 representing 43% of total new investment of the country. The data analysis showed that 2007 witnessed exceptional investments by two main establishments (cement factories) in the Batroun area, which resulted in this high proportion.

Table 2.4 North Lebanon main aggregates

Mohafaza	Nb. of establish.	Workforce	Wages & Salaries (000\$)	Output (000\$)
North Lebanon	518	8,677	59,658	790,777
% of total	12.8%	10.5%	10.9%	11.6%

## BEIRUT

- Beirut counted less than 6% of the industrial establishments in the country and 5.4% of the total workforce. 7.2% of the industrial output originated in the capital, whereas investments in 2007 accounted for 6.2% of the total.

- Food and beverages and clothing were the main industries in Beirut, representing respectively 24.3%, and 16.7% of the industrial establishments in the city.

- Being the center of the economic activity, Bei-

rut cannot attract large industries and the capital is progressively losing its old traditional industrial activities. In fact the industrial activity in the Lebanese capital is progressively moving to new emergent high value-added industrial activities (haute couture, ICT, jewelry...), and giving up the traditional manufacturing in the old souks of carpenters, copper or iron.

- The total surface area occupied by the Beirut industries was less than 2% of the total industrial operational space of the country.

Table 2.5 Beirut main aggregates

Mohafaza	Nb. of establish.	Workforce	Wages & Salaries (000\$)	Output (000\$)
Beirut	239	4,509	28,160	492,719
% of total	5.9%	5.4%	5.1%	7.2%

## SOUTH LEBANON AND NABATIYEH

- The southern regions of the country were relatively little industrialized, comprising 12.9% of the enterprises, 7.3% of the workforce and producing only 5.6% of the national industrial output. The labor force employed in the southern parts of the country was less paid than that employed in the main economic centers such as Beirut or Mount Lebanon, and salaries were lower in these rural areas.

- The bulk of the enterprises in the South were small units with less than 10 workers. The region only had 5 large companies operating in the food and beverage industry, electrical machinery and printing. The lack of adequate infrastructure, the unavailability of services, and the insecurity that is usually associated with the region have kept investors from starting businesses in this part of the country.

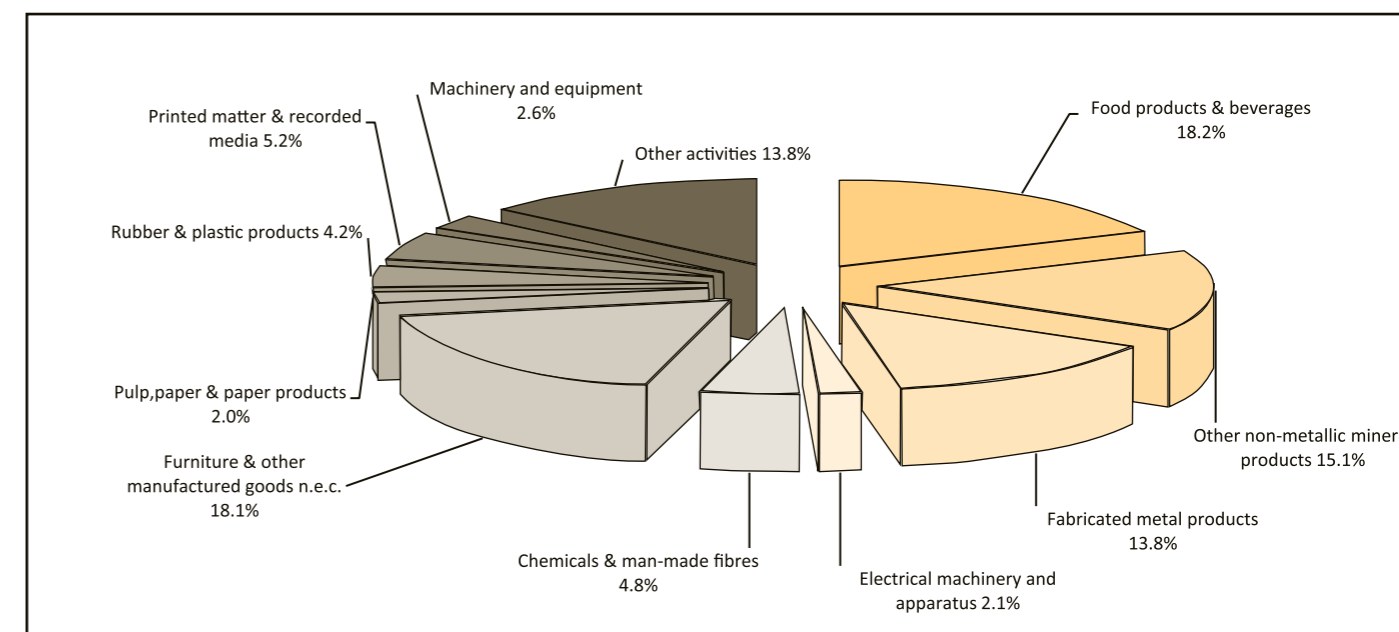
Table 2.6 South Lebanon and Nabatiyeh main aggregates

Mohafaza	Nb. of establish.	Workforce	Wages & Salaries (000\$)	Output (000\$)
South Lebanon & Nabatiyeh	522	6,087	27,878	382,487
% of total	12.9%	7.3%	5.1%	5.6%

**Table 2.7 Main industrial aggregates by Caza**

Caza	Nb. of establish.	% of total	Workforce	% of total	Area m <sup>2</sup>	% of total	Output (000\$)	% of total
Matn	1,101	27.3%	21,136	25.5%	1,497,970	12.9%	1,546,303	22.7%
Zahleh	337	8.4%	8,056	9.7%	1,150,582	9.9%	463,106	6.8%
Aaley	189	4.7%	7,900	9.5%	574,827	5.0%	881,481	13.0%
Kessrwan	173	4.3%	7,092	8.6%	622,907	5.4%	644,138	9.5%
Baabda	340	8.4%	6,504	7.9%	536,820	4.6%	368,623	5.4%
Jbeil	131	3.2%	5,224	6.3%	816,220	7.0%	801,827	11.8%
Beirut	239	5.9%	4,509	5.4%	231,399	2.0%	492,719	7.2%
Baalbeck	334	8.3%	4,069	4.9%	1,218,367	10.5%	163,375	2.4%
Saida	253	6.3%	3,335	4.0%	243,143	2.1%	263,885	3.9%
Chouf	76	1.9%	2,567	3.1%	1,352,733	11.7%	212,024	3.1%
Tripoli	149	3.7%	2,322	2.8%	79,475	0.7%	67,294	1.0%
Batroun	38	0.9%	1,928	2.3%	1,950,174	16.8%	505,006	7.4%
Other Cazas	673	16.7%	8,205	9.9%	1,326,342	10.6%	390,512	5.7%
<b>Total</b>	<b>4,033</b>	<b>100%</b>	<b>82,843</b>	<b>100.0%</b>	<b>11,600,959</b>	<b>100%</b>	<b>6,800,292</b>	<b>100%</b>

**Distribution of Establishments by Economic Activity**



**Figure 2.2 Distribution of Establishments by Economic Activity**

## 2.2 MAIN INDUSTRIAL SECTORS

The study results confirm that in 2007, the Lebanese industrial sector was not very diversified. Indeed, the bulk (i.e. 86.2%) of the industrial establishments belonged to 10 major industrial sectors : Food products & beverages, Other non-metallic mineral products, Fabricated metal products, Electrical machinery and apparatus, Chemicals & man-made fibres, Furniture & other manufactured goods n.e.c., Pulp, paper & paper products, Rubber & plastic products, Printed matter & recorded media, Machinery and equipment.

- These main industries generated 90.7 % of the total value-added of the sector, employed 87.3% of the workforce and achieved 94.6% of the yearly industrial investments.

- The Food and beverage industry was the major industry in the country, representing over 18.2% of the enterprises, around 24.9% of the total industrial workforce, almost 25.7% of total industrial output, and more than 26.9% of the value-added of the sector.

- The Food and beverage industry counted 41 out of the 119 enterprises employing more than 100 workers in the whole industrial sector. More than 30% of the enterprises of the sector were bakeries (222 units employing on average 26 workers

per unit).

- The Other non-metallic mineral products sector, including cement and cement products, and stones shaping, was the second most active industrial sector with a total of 609 establishments, USD 797 million of output and employed 10,996 workers.

- The third place was occupied by another construction material activity which is the fabricated metal products sector, with a total of 558 establishments, an output of USD 743 million and employing 8,054 workers.

- The Electrical machinery and apparatus was an emergent sector in Lebanon, with a total of 83 establishments generating USD 719 million of output and employing 3,182 workers.

- The Furniture & other manufactured goods not mentioned in other classes of activity, were in the 6th position despite a large number of establishments (730) and 9,136 workers employed, but had a low average of output per establishment USD 621,785.

The main industrial sectors are classified by output as follows:

**Table 2.8 Distribution of main industrial sectors output**

Economic Activity	Nb. of establish.		Workforce		Nb. of employees		Salaries (000\$)		Output (000\$)	
	2007	% of total	2007	% of total	2007	% of total	2007	% of total	2007	% of total
Food products & beverages	736	18.2%	20,607	24.9%	18,915	25.3%	131,632	24.0%	1,748,453	25.7%
Other non-metallic mineral products	609	15.1%	10,996	13.3%	9,824	13.1%	77,373	14.1%	797,109	11.7%
Fabricated metal products	558	13.8%	8,054	9.7%	7,123	9.5%	51,334	9.4%	742,708	10.9%
Electrical machinery and apparatus	83	2.1%	3,182	3.8%	2,994	4.0%	24,611	4.5%	719,354	10.6%
Chemicals & man-made fibres	193	4.8%	4,792	5.8%	4,334	5.8%	37,992	6.9%	512,424	7.5%
Furniture & other manufactured goods n.e.c.	730	18.1%	9,136	11.0%	7,927	10.6%	52,007	9.5%	453,903	6.7%
Pulp, paper & paper products	82	2.0%	4,213	5.1%	3,892	5.2%	35,490	6.5%	399,714	5.9%
Rubber & plastic products	168	4.2%	3,692	4.5%	3,315	4.4%	21,058	3.8%	322,622	4.7%
Printed matter & recorded media	211	5.2%	5,510	6.7%	5,075	6.8%	44,258	8.1%	275,906	4.1%
Machinery and equipment.	105	2.6%	2,122	2.6%	1,917	2.6%	15,495	2.8%	206,129	3.0%
<b>Other activities</b>	<b>558</b>	<b>13.8%</b>	<b>10,541</b>	<b>12.7%</b>	<b>9,429</b>	<b>12.6%</b>	<b>56,951</b>	<b>10.4%</b>	<b>621,970</b>	<b>9.1%</b>
<b>Total</b>	<b>4,033</b>	<b>100.0%</b>	<b>82,843</b>	<b>100.0%</b>	<b>74,743</b>	<b>100.0%</b>	<b>548,203</b>	<b>100.0%</b>	<b>6,800,292</b>	<b>100.0%</b>



## 2.3 INDUSTRIAL WORKFORCE

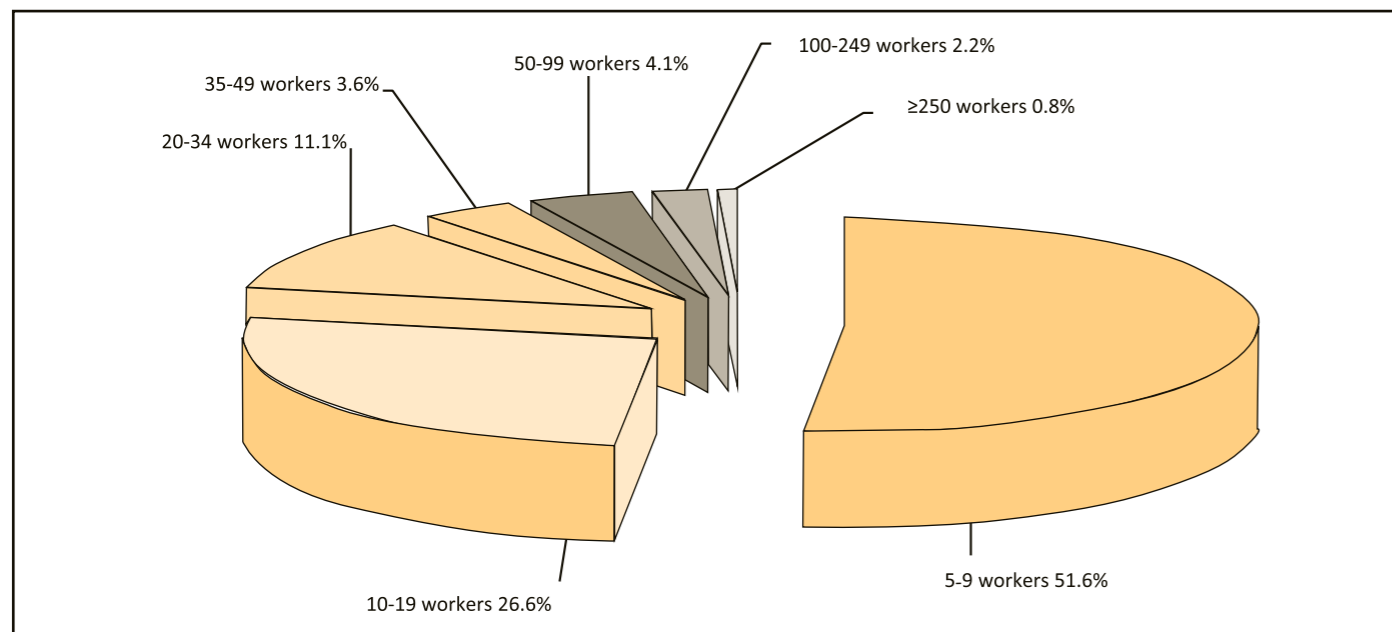
### 2.3.1 Industrial Workforce by establishment

- The 4,033 industrial establishments employed a total of 82,843 workers. The average number of workers by unit was 21. The establishments employing from 5 to 19 workers which are considered as small establishments represented 78.2% of the total number of establishments but only 33.6% of the total workforce.
- Medium size establishments (from 20 to 49 workers) represented 14.8% of total establishments and 21.1% of the total workforce.

- Large industries employing more than 50 workers represented 7.1% of total establishments but employed more than 45 % of the workforce.
- The average working space area is 806 m<sup>2</sup> for the industries employing less than 10 workers compared to a 2,877 m<sup>2</sup> average for the total establishments and 70,962 m<sup>2</sup> for establishments employing more than 250 workers.

- Owners represented 23% of the total workforce in the industries employing between 5 and 9 workers compared to the global average of 10 % for the total establishments.

**Distribution of establishments by workers**



**Figure 2.3 Distribution of establishments by workers**

**Table 2.10 Distribution of worker and built area per establish.**

	Workforce by Class							Total
	5-9	10-19	20-34	35-49	50-99	100-249	≥ 250	
Average worker per establish.	7	13	26	41	67	146	426	21
Average built area per establish.	806	2,121	3,817	3,570	7,286	22,234	70,962	2,877
Employees / Workforce	76.9%	83.6%	89.9%	93.2%	95.9%	97.6%	97.9%	90.2%

**Table 2.11 Distribution of establishments and workers by size of establishments.**

Workforce by class	Nb. of establish.	Nb. of workers
5-9 workers	2,081	13,756
% of total	51.6%	16.6%
10-19 workers	1,072	14,090
% of total	26.6%	17.0%
20-34 workers	449	11,466
% of total	11.1%	13.8%
35-49 workers	146	6,042
% of total	3.6%	7.3%
50-99 workers	166	11,153
% of total	4.1%	13.5%
100-249 workers	87	12,702
% of total	2.2%	15.3%
≥ 250 workers	32	13,635
% of total	0.8%	16.5%
<b>Total</b>	<b>4,033</b>	<b>82,843</b>

### 2.3.2 Industrial workforce profile

- In 2007, the 4,033 industrial establishments covered by the study employed:
  - 8,100 owners or partners.
  - 70,180 permanent employees.
  - 4,237 seasonal workers.
  - 326 outworkers.

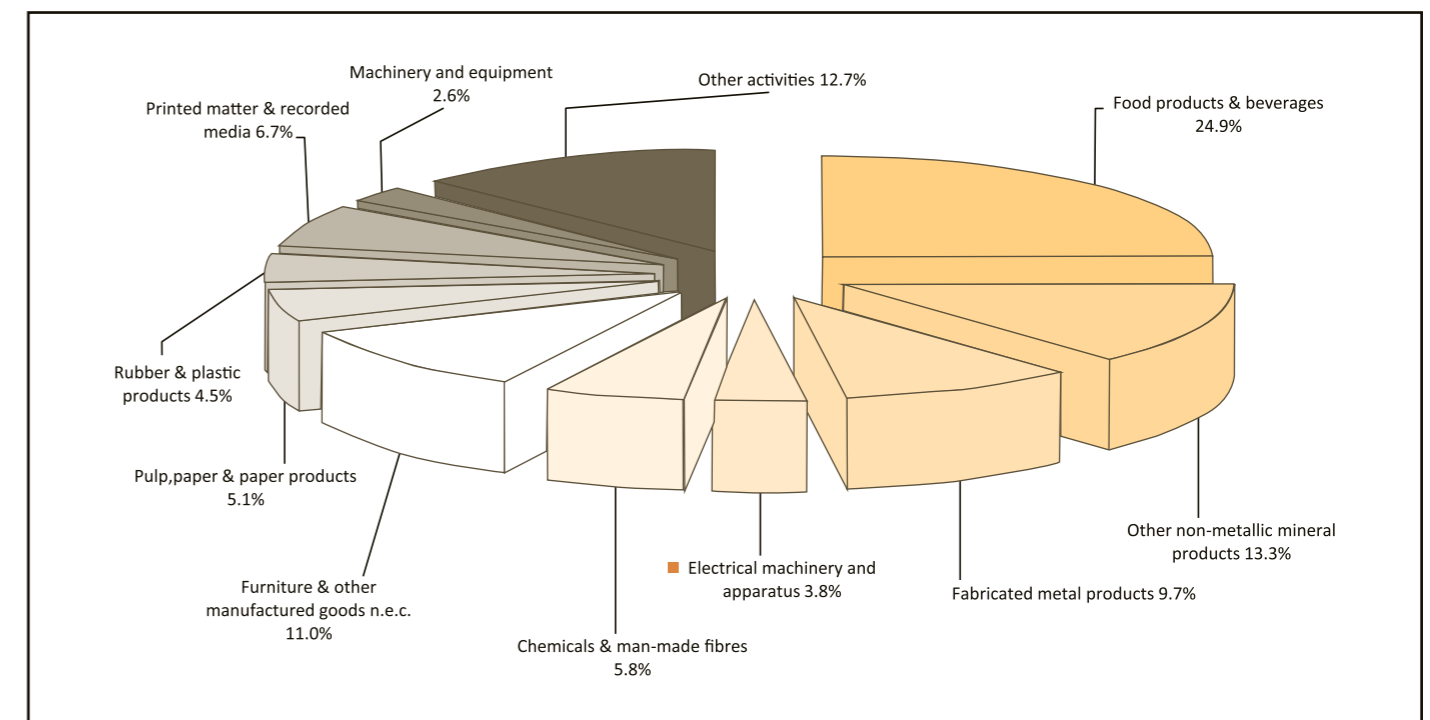
82,843 workers.

- An analysis of the workforce revealed that women represented 17 % of the total workforce.

- 11% of company owners or partners working in the business were female (89% were male). Men are usually the business owners and their wives or daughters are assisting them.

The total workforce of the sector was estimated at

**Distribution of workforce by economic activity**



**Figure 2.4 Distribution of workforce by economic activity**

- Only 17.7% of permanent employees were female (82.3% were male).
- Finally, 85% of seasonal workers were male.
- It was only among outworkers that there were more females than males (60% of outworkers were female).
- Around 61% of the workforce was employed in Mount Lebanon, 16% worked in the Bekaa, 11% in North Lebanon, 6% in South Lebanon, 5% in Beirut and 2% in Nabatiyeh.
- The Food and Beverages sector employed 25% of the total workforce. The Other non-metallic mineral products and furniture sectors employed 13% and 11% of the workforce respectively.

## 2.4 YEAR OF ESTABLISHMENT AND LEGAL STATUS

### 2.4.1 Year of establishment

- The Lebanese industrial establishments are considered as new industries. 61.7% of the 4,033 establishments were established between 1990 and 2007.
- In the food and beverage sector, 232 establishments (equivalent to 32% of units in the sector) were created between 2000 and 2007.

- 40% and 24% of establishments surveyed in the other non-metallic products and the fabricated metals sectors respectively (building materials) were also created between 2000 and 2007. This is probably linked to the construction expansion in Lebanon that started in the 1990s.
- 29% of establishments surveyed in the furniture sector were also created between 2000 and 2007.
- While 87 establishments were set up in the clothing sector between 1990 and 1999, only 44 were created between 2000 and 2007. This might suggest this activity has lost its appeal, probably because of increasing competition in this sector.
- A similar situation is found in the fabricated metals products industry as 206 establishments were created in the nineties in this sector compared to 135 from 2000 to 2007.

### 2.4.2 Legal status

- 55% of industrial establishments surveyed in 2007 were registered as individual establishments, 20% were limited liability companies (s.a.r.l), 11% were general partnerships (en commandites simples), 9% were limited companies (s.a.l), 4.5% were limited partnerships and less than 1% of establishments were registered in the form of other legal entities (cooperatives, limited by share...).

- In some sectors, the proportion of establishments registered as individual companies was lower than the average for all establishments. This was the case for the pulp, paper and paper products industry (28%) and the printed matter and recorded media industry (39% of establishments).
- In other sectors, the proportion of establishments registered as individual companies was higher than the average for all establishments. This was the case for the Furniture industry (70.6% of establishments), the Wood products industry (62%) and the Fabricated metal products industry (63%).
- Individual companies are widespread in Lebanon for a number of reasons among which the fact that individual companies have fewer legal requirements and lower costs of registration. This is in addition to the fact that entrepreneurs in Lebanon tend to be rather individualistic and often set up their businesses using their personal assets (land, building ...)

## 2.5 MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

### 2.5.1 Professional registration

- Almost half (45%) of the Lebanese industrialists were not registered at any professional or regional business association.
- The ratio varies according to caza, size of the establishment and sector of activity. Different factors can be taken into consideration to explain the reluctance of industrialists to participate in the professional common activities:
  - The insufficient culture of the Lebanese business community to act collectively.
  - The individual and family management profile of businesses in Lebanon.
  - The preference of operators to keep low profile to avoid tax payments or social allocations charges.
  - The skeptical attitude of businessmen vis-à-vis of the trade unions and business associations.
  - The preference to "go by their own way" of industrialists to resolve their problems or difficulties.
  - The cost of membership and fear of extra participations.
  - The difficulty of regional businessmen to commute to Beirut where the main business events

are scheduled.

- 58 % of the establishments employing less than 10 workers were not members of any professional associations. This figure was 6% for companies employing more than 100 workers.
- The most reluctant establishments to participate in professional associations were those involved in construction materials where 65 % were not registered in any association. On the contrary 84 % of the chemical or paper industries were members of at least one association. This number was 65% for Clothing and Food industries.

### 2.5.2 Active associations

- The most attractive associations for industrialists were the Chambers of Commerce, Industry and Agriculture in each Mohafaza. More than 50% of the industrial companies were registered at CCIAs. This ratio can be compared to 14% of registration at ALI, 9.6% for the regional industrial associations and 8.1% for the sectoral industrial associations.

- Membership obligation to register at the Chambers to obtain certifications and export documents explains the high registration of industrialists at Chambers. The proximity of the Chambers present in all Lebanese Mohafaza is another appealing factor for registration.

- The total members of the establishments adhering to ALI were 561 companies representing less than 14 % of the total surveyed establishments in 2007.

- The ratio of participating in ALI was 77 % for enterprises employing more than 100 workers and only 2.7 % for those employing less than 10 workers.

- Proximity is an important element to encourage companies to adhere to ALI. 20% to 30% of companies located in the central Caza (Matn, Aaley, Jbeil, Kessrwan, or Chouf except Baabda) were registered at ALI, the ratio was less than 10 % for the remote areas.

Distribution of establishments by year of establishment

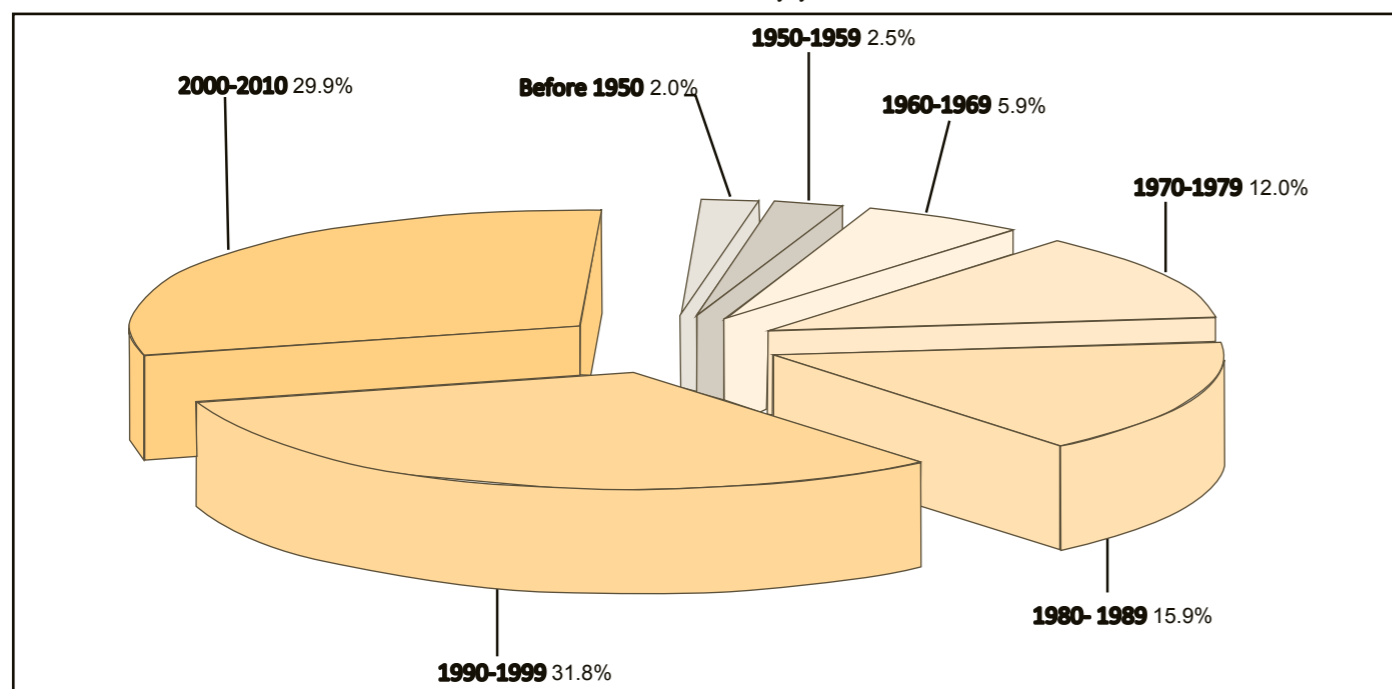


Figure 2.5 Distribution of establishments by year of establishment

Table 2.12 Distribution of industrial establishments by adherence to professional associations and by industrial activities

Caza	A	B	C	D	A+B	A+C	A+D	B+C	B+D	C+D	A+B+C	A+B+D	A+C+D	B+C+D	A+B+C+D	E	القضاء
Aaley	49	120	46	23	42	27	10	37	18	12	25	10	8	11	8	51	عاليه
Akkar	4	31	8	5	4	1	1	6	2	2	1	1	0	1	0	67	عكار
Hermel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	الهرمل
Baabda	50	197	50	32	41	21	13	38	26	15	19	13	11	15	11	118	بعيدا
Baalbeck	4	18	2	3	4	1	2	1	3	1	1	2	1	1	1	315	بعلبك
Batroun	8	26	2	3	8	0	1	2	3	0	0	1	0	0	0	12	البترون
Beirut	39	137	15	36	28	0	16	12	26	2	0	13	0	2	0	81	بيروت
Bent Jbayl	0	11	1	0	0	0	0	1	0	0	0	0	0	0	0	12	بنت جبيل
Becharreh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	بشري
Hasbaya	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	حاصبيا
Jezzine	0	15	1	2	0	0	0	1	2	0	0	0	0	0	0	15	جزين
Jubail	34	80	28	11	27	17	7	23	9	6	14	5	5	5	4	42	جبيل
Kessrwan	53	113	35	31	49	26	15	30	27	10	23	14	9	9	8	51	كسروان
Koura	15	60	7	4	15	2	3	5	4	1	2	3	1	1	1	8	الكورة
Minieh-Dannieh	4	40	15	4	4	0	2	8	4	0	0	2	0	0	0	68	المنية الصنية
Marjaayoun	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	مرجعيون
Mathn	209	557	97	86	179	50	34	85	65	23	49	32	15	23	15	484	المتن
Nabatiyeh	3	52	6	6	3	0	0	6	6	1	0	0	0	1	0	18	النبطية
Rachaya	1	8	0	1	1	0	1	0	1	0	0	1	0	0	0	13	راشيا
Saida	18	183	16	30	17	7	6	14	22	4	6	6	3	4	3	60	صيدا
Chouf	22	60	19	7	17	6	5	16	7	4	5	5	2	4	2	9	الشوف
Tyr	2	64	8	3	1	1	0	4	2	2	1	0	0	1	0	68	صور
Tripoli	10	92	6	13	10	2	4	3	9	2	2	4	2	2	2	50	طرابلس
West Bekaa	2	8	0	3	0	0	0	0	3	0	0	0	0	0	0	36	البقاع الغربي
Zghorta	1	30	4	2	1	1	0	4	2	1	1	0	0	1	0	12	زغرorta
Zahleh	33	128	22	23	31	11	8	20	19	5	11	8	2	5	2	201	زحلة
<b>Total</b>	<b>561</b>	<b>2,036</b>	<b>388</b>	<b>328</b>	<b>482</b>	<b>173</b>	<b>128</b>	<b>316</b>	<b>260</b>	<b>91</b>	<b>160</b>	<b>120</b>	<b>59</b>	<b>86</b>	<b>57</b>	<b>1,802</b>	<b>المجموع</b>

A: Membership in ALI

B: Membership in CCIA

C: Membership in regional industrial associations

D: Membership in sector industrial associations

E: Not a Member in A,B,C and D

A: عضو في جمعية الصناعيين اللبنانيين

B: عضو في احدى غرف التجارة والصناعة والزراعة

C: عضو في احدى التجمعات المنطقية للصناعيين

D: عضو في احدى النقابات القطاعية المتخصصة

E: ليس عضو في A,B,C & D

## 2.6 BUILT OPERATING AREA

### 2.6.1 Built operating area

- The built operating area for the 4,033 industrial enterprises surveyed in 2007 was estimated at around 11.6 million m<sup>2</sup>, with an average built area per enterprise of 2,877 m<sup>2</sup> for the 4,033 surveyed industrial units. However, 62 % of the industrial enterprises were operating in a space of around 915,000 m<sup>2</sup> (364 m<sup>2</sup> per unit).

- The quality of the built area was not taken into consideration by the study. The operating area could be a simple open storage area or a highly sophisticated laboratory. Therefore the comparison between sectors or enterprises could be biased by the complexity and the cost of the built operation area.

- The 78 establishments (1.9% of total establishments) occupying the largest areas (more than 20,000 m<sup>2</sup>) were using 46% of the total built operating area and their average space was 68,355 m<sup>2</sup>. If these establishments were excluded the average space area for the 3,955 establishments left would be 1,585 m<sup>2</sup> per unit.

### 2.6.2 Sector distribution

- The 609 establishments involved in the non metallic mineral activities were using 46% (5.3 million of m<sup>2</sup>) of the total of industrial built areas. This category includes the cement factories where the used space was more than 1 million m<sup>2</sup> per unit, due to the high volume (million of tons) of raw material and finished products, handled by these heavy industries. The most important part of the premises of these establishments was limited to simple shelters and storage places.

- The average space occupied was 140 m<sup>2</sup> per worker for the total industrial sector. The average was almost 500 m<sup>2</sup> per worker for the non-metallic mineral activities, compared to 60 m<sup>2</sup> in the food industries, 38 m<sup>2</sup> for the clothing activities, and 17 m<sup>2</sup> for electronic devices.

- The 3,153 establishments (78% of the total sector) employing less than 20 workers were occupying 34 % of the total industrial built area.



### 3. QUANTITATIVE ANALYSIS

Along with the previous descriptive chapter, pertaining to the location, field of activity, legal form, year of establishment, operating area... the study examined the quantitative and financial results of the Lebanese industrial establishments aiming to estimate and analyze the industrial outputs, inputs, value-added, main operating expenses, compensation and wages, investments, and assets.

#### 3.1 INDUSTRIAL OUTPUT

- In 2007, total industrial output for the 4,033 industrial establishments reached USD 6.8 billion. This is equivalent to a value of output per enterprise of USD 1,686,162 on average.

Different components constitute total industrial output:

- Sales from own production in 2007 represented 93.5% of the industrial output and amounted to USD 6.4 billion.
- Income from industrial and non industrial services was estimated at USD 63.6 million and represented less than 1% of the industrial output.
- Variations in stocks for finished products and products in progress were equal to USD 184.1 million, which amounts to 2.7% of the total output.
- Value of electricity generated by companies for own consumption was equal to USD 192.3 million and represented 2.8% of the total output. This value is computed based on the cost of the fuel used to generate electricity and not on the market value of electricity. Enterprises generate energy (electricity...) for their own production, and the latter is considered to be part of industrial output.

- Regarding the distribution of industrial output by economic activity in 2007, the food and beverage sector contributed to 25.7% of the total industrial output followed by non-metallic mineral products (manufacture of concrete, cement and plaster products, cutting, shaping and finishing of stones ...) with a share of 11.7% and fabricated metal products (manufacture of structural metal products...) with a share of 10.9%. The electrical machinery and apparatus sector had a share of

10.6% of the total industrial output.

- The highest proportion of the industrial output produced by companies employing more than 4 workers was found in Mount Lebanon (65.5% of the total output) and the lowest in Nabatiyeh (0.9% of the total output). The share of output produced was higher than the proportion of establishments operating in the region for Mount Lebanon (49.8% of establishments) but lower for Nabatiyeh (2.5% of establishments).

- Establishments employing between 100 and 249 workers had the highest contribution to total industrial output (22.3%) followed closely by establishments employing more than 250 workers which produced 21.8% of the total output. The contribution of the small enterprise (5 to 9 workers) was about 7.6% of output.

- Output per worker was estimated to be equal to approximately USD 82,087. There was a large variation of output per worker across economic sectors. Output per worker in the food and beverage industry was equal to USD 84,848.

- The Clothing industry and the tanning and leather products industry had the lowest output per worker (USD 29,252 and USD 31,589 respectively).

- The Electrical machinery industry, the Chemicals industry, the Machinery and equipment industry and the pulp paper and paper products industry had the highest average output per worker (USD 226,070, USD 106,933, USD 97,139, and USD 94,888 respectively).

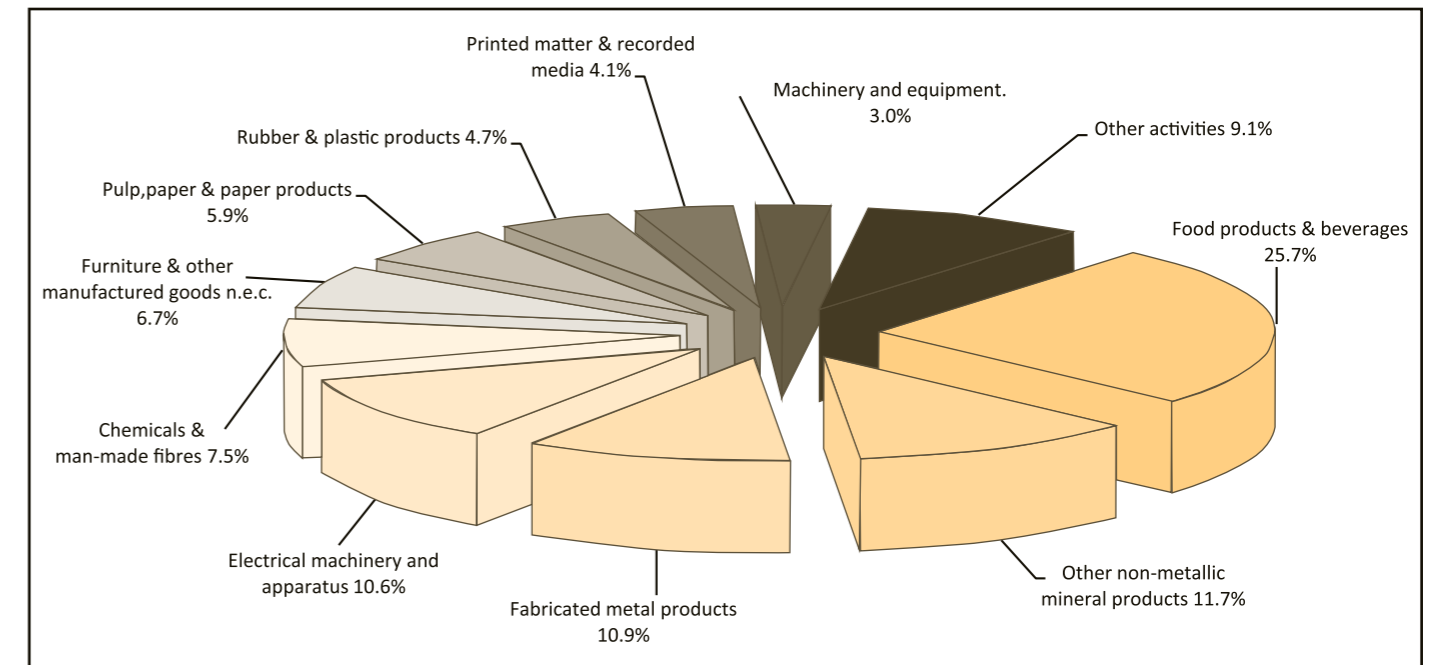
- Output per worker differed according to the size of the enterprise. Smaller enterprises employing between 5 and 9 workers and 10 and 19 workers

had measures of output per worker equal to USD 37,387 and USD 54,989 respectively. These were below the average for all establishments (USD 82,087).

- Larger enterprises employing between 100 and 249 workers and more than 250 workers had measures of output per worker equal to USD 119,528

and USD 108,522 respectively. Larger enterprises benefit from greater mechanization and larger economies of scale than smaller ones.

**Distribution of industrial output by economic activity**



**Figure 3.1 Distribution of industrial output by economic activity**

#### COMPARISON WITH 1998

- In 1998, the industrial survey comprised 5,802 industrial establishments employing more than 4 workers with a gross industrial output of USD 3.1 billion (compared to USD 6.8 billion in 2007). The increase in total industrial output between 1998 and 2007 reached 115%. Part of this increase is due to price inflation and a depreciation of the American dollar and Lebanese pound with respect to other currencies (euro, yen) during this period. Another reason for the increase is the improved efficiency of industrial activities.

- This increase is even more striking when looking at output per enterprise. Output per enterprise reached USD 1,686,162 on average in 2007 for establishments employing more than 4 workers compared to USD 542,326 on average in 1998.

- The food and beverage sector and the other non-metallic mineral products sector, which produced the largest shares of output in 2007 (25.7% and 11.7% respectively), were also the leading

sectors in this respect in 1998. However, their shares of total output have decreased from 28% and 14.8% respectively in 1998. The share of fabricated metal products stayed roughly the same (11.1% in 1998).

- The proportion of industrial output of enterprises employing more than 4 workers in some activities has decreased between 1998 and 2007. The clothing sector, which produced 4.7% of the industrial output in 1998, produced 1.7% of the industrial output in 2007. The tanning and leather products sector, which produced 2.4% of the industrial output in 1998, produced 0.7% of the industrial output in 2007.

- Unlike their share of output, output per enterprise has increased from USD 147,831 in 1998 to USD 459,685 in 2007 in the tanning and leather products sector and from USD 193,323 in 1998

to USD 552,228 in 2007 in the clothing sector. In these two sectors, there has been a tendency in the last decade, to shift from large enterprises with heavy production to smaller establishments specializing in niche markets for luxury products.

- Other activities have witnessed an increase in their share of total output. Enterprises employing more than 4 workers in the electrical machinery

sector, which produced 2.9% of industrial output in 1998, produced 8.8% of the output in 2007. Enterprises employing more than 4 workers in the chemicals and chemical products sector, which produced 5.7% of the industrial output in 1998, produced 7.5% of the output in 2007. The share of total output of the furniture sector (companies employing more than 4 workers) has increased from 6.4% in 1998 to 8.5% in 2007.

**Table 3.1 Industrial output highlights**

<b>Total industrial output: USD 6.8 billion</b>	
<b>Output per establishment (2007):</b> USD 1,686,162	<b>Output per establishment (1998):</b> USD 542,326
<b>Output per worker: USD 82,087</b>	
<b>Largest sectors:</b>	
• <b>Food and beverage :</b>	<b>25.7% of total output</b>
• <b>Other non-metallic mineral products</b> (concrete, cement cutting, and shaping of stones) :	<b>11.7% of total output</b>
• <b>Metal products :</b>	<b>10.9% of total output</b>

- Industrial establishments also have revenues that are generated by non-industrial activities and include sales trade operations and financial interest received. In 2007, this non-industrial revenue reached approximately USD 53 million. This figure is very low. It was reported by fewer than 200 establishments (of a total of 4,033). It is possible that a number of companies have reported commercial activities as part of their sale of own production of finished goods as it can be difficult to distinguish sale of own production from purely commercial re-sale of goods operations in companies' books.

### 3.2 INTERMEDIATE CONSUMPTION

The study reported an intermediate consumption of USD 4.7 billion in 2007 for the 4,033 industrial establishments employing more than 4 workers.

- Intermediate consumption per enterprise amounted to approximately USD 1,174,136 in 2007.

Intermediate consumption includes: Raw materials and processed inputs, energy consumption, including the electricity produced within the establishment, maintenance and other operating costs.

### 3.2.1 Raw materials and processed inputs

- In 2007, purchases of raw materials and processed inputs, which totaled USD 4.0 billion, amounted to 85.4% of intermediate consumption (in 1998, this figure was 81%). Part of the raw materials (3.8%) was absorbed in stock variation, which was equal to USD 154.4 million.

- Net value of raw materials and processed inputs consumed for the industrial output represented 82% of total intermediate consumption.

- This ratio is considered very high, as some of the inputs imported by the industrialists are directly sold to other business and are not reported as trade operations. Such operations may inflate part of the raw materials in the total industrial intermediate consumption.

### 3.2.2 Energy needs

- An industrial establishment has different types of expenditure for its energy needs. First, companies use up petroleum products for equipment, machinery and other production processes. Expenditure on petroleum products for production reached USD 99.4 million and represented 2.1% of the intermediate consumption in 2007.

- Industrial establishments buy electricity from Electricité du Liban (EDL). In 2007, expenditure on electricity purchased from EDL amounted to 1.3% of intermediate consumption (USD 60.8 million). This proportion is relatively low and is due to the fact that electricity is not provided by EDL on a continuous basis. Establishments have to resort to their own production of electricity when electricity from EDL is not available.

- Expenditure per enterprise and per type of input varied across economic activities. Expenditure on electricity (from EDL) per enterprise in the food and beverage sector (USD 20,300) and the non-metallic mineral products sector (USD 26,100) was higher than the average for all industries (USD 15,100). For the furniture sector the expenditure was USD 3,700 and for the fabricated metal products sector it was USD 8,000 per enterprise, lower than the average for all sectors.

- The amount of petroleum products used for the production of electricity for own consumption reached USD 192.3 million equivalent to 4.1% of intermediate consumption. Companies spent al-

most 3 times more producing their own electricity than they spent on electricity from EDL.

- Expenditure per enterprise on fuels for own production of electricity reached USD 47,700 on average. Variations were found depending on the sector. The highest expenditure was observed in the pulp, paper and paper products with an average of USD 155,800 per enterprise. In the food and beverage sector and the other non-metallic products sector, expenditure on fuel for own production of electricity reached USD 92,600 and USD 82,800 respectively. The lowest expenditure per enterprise was registered in the clothing sector (USD 12,000), the furniture sector (USD 8,000) and the tanning and leather products sector (USD 6,900).

- The proportion of expenditure on petroleum products for the production of own electricity varied depending on the size of the enterprise. The table below shows the share of expenditure on energy by enterprise size. The proportion of expenditure on petroleum products for production of electricity for own consumption in total intermediate consumption was as high as 7.9% in larger companies (more than 250 workers). The share of expenditure for the production of a company's own electricity is always higher than the share of expenditure on electricity from EDL. This shows the heavy burden of problems concerning electricity in Lebanon on industrial establishments.

**Table 3.2 Distribution of expenditure on energy by class of workers**

Workforce by class	Share of expenditure on oil products for own production of electricity in % of intermediate consumption	Share of expenditure on electricity from EDL in % of intermediate consumption	Share of expenditure on energy products for production (machinery ...) in % intermediate consumption
<b>5 to 9 workers</b>	3.8%	1.6%	2.7%
<b>10 to 19 workers</b>	3.7%	1.3%	2.1%
<b>20 to 34 workers</b>	2.1%	0.9%	1.9%
<b>35 to 49 workers</b>	2.0%	0.8%	1.5%
<b>50 to 99 workers</b>	2.9%	1.0%	1.9%
<b>100 to 249 workers</b>	3.8%	1.0%	4.3%
<b>≥ 250 workers</b>	7.9%	2.1%	3.2%



- Total expenditures on energy (petroleum products for production, petroleum for own electricity and electricity from EDL) represented 8.1% of intermediate consumption in 2007.

- Expenditures varied across sectors. In industries where raw material cost is low (mainly in the Construction materials sector) the importance of energy is high. The proportion of energy over total intermediate consumption is 23.9% for the other non-metallic products sector (manufacture of concrete, cement and plaster products, cutting, shaping and finishing of stones) whereas this proportion is 9.3% for food products and 8.1% for rubber and plastics products and 4.5% for furniture products.

- Expenditures varied also by size. Energy consumption represents 13.3% for industries employing 250 workers and more and it is limited to 4.3% for those employing 35 to 49 workers. The impact of this aggregate is relatively important for small industries representing 8.1% for establishments employing 5 to 9 workers.

### 3.2.3 Other intermediate consumption

- Expenditure on maintenance represented 2.4% of intermediate consumption.

- Other operating costs (administrative expenses, advertising, water, legal counseling...) represented 7.5% of total intermediate consumption.

### COMPARISON WITH 1998

- In 1998, intermediate consumption for the 5,802 industrial establishments employing more than 4 workers was USD 1.8 billion (compared to 4.7 billion in 2007).

- Intermediate consumption of establishments employing more than 4 workers, which increased by 166% between 1998 and 2007 probably due in part to price inflation and a depreciation of the American dollar and Lebanese pound with respect to other currencies (euro, yen) during this period, grew faster than industrial output (increase of 115%).

- Intermediate consumption per enterprise in 2007 (USD 1,174,135) is higher than in 1998 when intermediate consumption per enterprise was approximately USD 308,000.

- Expenditure on energy in 1998 represented 7.7% of total intermediate consumption. Whereas the proportion of expenditure on energy 8.1% in 2007.

Table 3.3 Intermediate consumption highlights

<b>Total intermediate consumption</b>	<b>USD 4.7 billion</b>
<b>Share of expenditure on raw materials and processed inputs</b>	<b>85.3%</b>
<b>Stock variation</b>	<b>-3.3%</b>
<b>Share of expenditure on petroleum products for own production of electricity</b>	<b>4.1%</b>
<b>Share of expenditure on electricity (from EDL)</b>	<b>1.3%</b>
<b>Share of expenditure on energy products for production</b>	<b>2.7%</b>
<b>Share of expenditure on maintenance</b>	<b>2.4%</b>
<b>Share of other expenditures</b>	<b>7.5%</b>

### 3.3 VALUE-ADDED

- Total value-added for industrial establishments employing more than 4 workers amounted to USD 2.1 billion in 2007.

- The average value-added per worker was USD 24,927.

- The ratio of value-added to output was equal to 30.4%.

### 3.3.1 Value-added by sector

- The food and beverage sector contributed to 26.9% of the total value-added in the industrial sector. The other non-metallic mineral products represented 13.8% of the total value-added. These two sectors were also the leading sectors in this respect in 1998 with proportions of 25% and 15% respectively.

- The ratio of value-added to output also differed according to the economic activity. The lowest value of this measure was found in the coke and refined petroleum products industry (4.9%) and the highest in the mining and quarrying industry (55.2%).

- In the food and beverage sector, the ratio of value-added to output (31.8%) was close to the average for all industrial establishments (30.4%). The ratio in the other non-metallic mineral products industry was higher than the average (35.8%) but the ratio in the fabricated metal products industry was lower than average (22.2%). The tanning and leather products industry and the wood products industry had a ratio of value-added to output approximately equal to 45%. The ratio in the furniture industry was close to 41.2% and the ratio in the electrical machinery and apparatus sector was equal to 27.3%.

- The average value-added per worker equaled USD 24,927. It was the highest in the electrical machinery and apparatus sector (USD 61,786). Value-added per worker was low in the clothing sector (USD 11,749). It was also lower than average in the textiles, tanning and leather products, fabricated metal products and furniture industries (USD 16,942, USD 14,283, USD 20,506 and USD 20,484 respectively). Value-added per worker was higher than average in the food and beverage industry (USD 26,987) and in the other non-metallic mineral products sector (USD 25,969).

- The average ratio of value-added to assets for all establishments was equal to 51.6%.

- There were disparities of this ratio across sectors. The furniture sector seems more labor intensive as its value-added to assets was equal to 85.2%. Other sectors with above average performances included: fabricated metal products (52.4%), the clothing sector (69.7%), and the ma-

chinery and equipment sector (82.0%). Sectors with lower value-added to assets ratios included: other non-metallic mineral products (33.6%), the food and beverage sector (45.6%) and the chemicals and man-made fibre sector (47.6%).

### 3.3.2 Value-added by enterprise size

- Enterprises employing more than 250 workers had the greatest contribution to total value-added (26.2%). This contribution was higher than their share of output (21.8%). The lowest contribution to total value-added was by enterprises employing between 35 and 49 workers (6%). The latter also had the lowest contribution of total output (7.4%).

- The ratio of value-added to output varied according to the size of the enterprise. Medium size enterprises had lower ratios than smaller and larger enterprises. Enterprises employing between 35 and 49 workers had the lowest ratio of value-added to output (24.7%) while enterprises employing more than 250 workers had the highest one (36.6%).

- The ratio of value-added per worker varied according to enterprise size. Smaller enterprises had lower values of value-added per worker than larger ones. Indeed value-added per worker was equal to USD 12,365 in enterprises employing between 5 and 9 workers and USD 39,714 in enterprises employing more than 250 workers.

### 3.3.3 Components of value-added

The value-added components in 2007 could be summarized as follows:

- Salaries represented 26.5% of the value-added.

- The depreciation of assets represented 14.5% of the total value-added.

- Interest charges, which amounted to USD 158.2 million, accounted for 7.6% of the value-added.

- The last component of value-added is industrial profits estimated at 51.4%.

- The weight of salaries in total value-added var-

### Distribution of value-added by economic activity

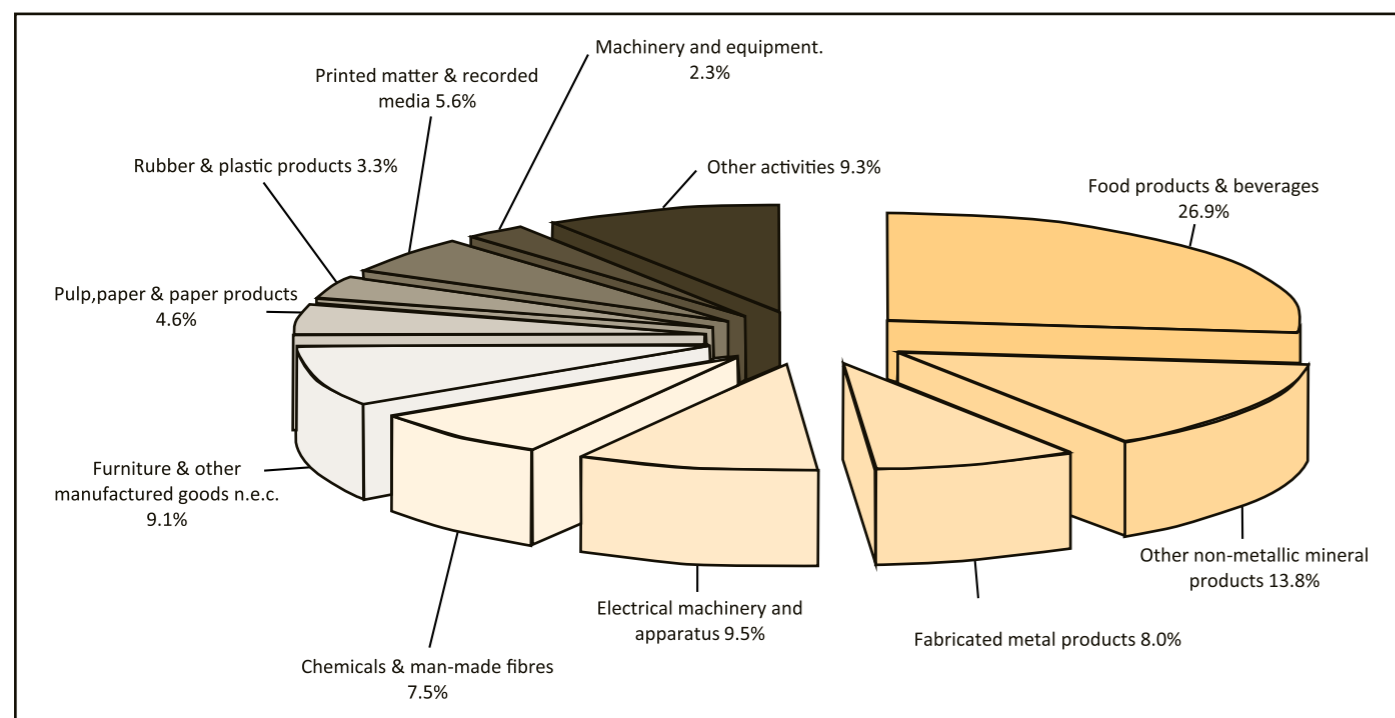


Figure 3.2 Distribution of value-added by economic activity

ied by sector. The proportion of salaries of value-added was lower than average in the food and beverage sector (23.7%) but higher than average in the clothing industry (39.4%), the tanning and leather products industry (38.3%), the printed media industry (38.6%), the other non-metallic mineral products industry (27.1%) and the fabricated metal products industry (31.1%).

- The weight of salaries in total value-added varied also by region. It was the highest in the Bekaa (30.7%) and the lowest in North Lebanon (22.2%).

- Finally, the weight of salaries in total value-added varied by enterprise size. It was the highest in enterprises employing between 5 and 9 workers (36.7%) and the lowest in enterprises employing more than 250 workers (23.4%).

- The weight of depreciation in total value-added also varied by enterprise size. It was the highest in enterprises employing more than 250 workers (18.2%) and the lowest in enterprises employing between 35 and 49 workers (11.7%).

- Finally, different industrial sectors had different ratios of depreciation over value-added. The weight of depreciation in total value-added was

high in the other non-metallic mineral products sector (28.0%) and low in the electrical machinery and apparatus sector (3.8%).

#### COMPARISON WITH 1998

- In 1998, the 5,802 industrial establishments employing more than 4 workers had a total value-added of USD 1.4 billion (compared to 2.1 billion in 2007). Value-added per worker was equal to USD 19,322 (compared to 24,927 in 2007).

- The ratio of value-added to output in 2007, which is equal to 30.4%, is lower than the value of 43% reported in the 1998 survey. However, it is important to note that this ratio was probably over-estimated in 1998 as the survey of industrial establishments then was not comprehensive and extrapolation techniques were used for a number of variables.

- A comparison between 1998 and 2007 reveals that some sectors have improved their performance. In the tanning and leather products industry the ratio of value-added to output was 40.4% in establishments employing more than 4 workers in 1998. In 2007, this ratio increased to 45.2%.

- The ratio of value-added over assets has increased from 48.8% in 1998 to 51.6% in 2007. This shows a better utilization of assets in 2007.

- Finally, the shares of the various components of value-added have changed slightly between 1998 and 2007. Salaries represented 33.7% of val-

ue-added in 1998 (compared to 26.5% in 2007). The depreciation of assets represented 25% of the total value-added 1998 (compared to 14.5% in 2007) and interest charges represent 7.6% of value-added in 2007 compared to 11.7% in 1998.

Table 3.4 Value-added highlights

Total value-added	USD 2.1 billion
Ratio of value-added over output :	30.4%
Value-added per worker (2007): USD 24,927	Value-added per worker (1998): USD 19,322
Value-added over assets (2007): 51.6%	Value-added over assets (1998): 48.8%

- Analysis of the main components of the production process could be summarized as follows:

Table 3.5 Analysis of industrial activity and industrial profit

	In (000\$)	In % of industrial output	In % of value-added
<b>Output</b>	<b>6,800,292</b>	<b>100%</b>	
Value of goods produced	6,360,332	93.5%	
Services (industrial and non-industrial)	63,624	0.9%	
<b>Intermediate consumption</b>	<b>4,735,290</b>	<b>69.6%</b>	
Net raw material	3,882,518	57.1%	
Electricity, energy products	382,808	5.6%	
Services and other operating costs	469,963	6.9%	
<b>Value-added</b>	<b>2,065,002</b>	<b>30.4%</b>	
Wages	548,203	8.1%	26.5%
Depreciation	299,642	4.4%	14.5%
Interest	158,169	2.3%	7.7%
<b>Gross industrial profit</b>	<b>1,058,988</b>	<b>15.6%</b>	<b>51.3%</b>

### 3.4 SALARIES

- Total salaries (including social contributions, wages, and other benefits) in the industrial sector added up to USD 548 million in 2007.
- Salaries of permanent workers reached USD 525.8 million and represented 96% of total salaries. Salaries of seasonal workers were equal to USD 19.5 million and represented 3.6% of total salaries and finally salaries of outworkers, which amounted to USD 2.9 million, represented less than 0.5% of total salaries.
- The average salary of a permanent employee (including social contributions) was equal to USD 7,492. The average salary of an employee (excluding company owners) was USD 7,335 in 1998. Salaries have not been officially raised between 1998 and 2007 due to political difficulties, economic slowdown and international containment of inflation between 1998 and 2005.
- Salaries varied by enterprise size. Average salary per employee was the lowest in the small enterprises (USD 5,895) and the highest in larger enterprises (USD 9,494). This might be due to the fact that in small companies family members have

highly paid senior positions that are not accounted for in the measure of average salary per worker. In larger companies, there are more white-collar positions filled by highly qualified employees who contribute in raising the measure of average salary per worker. In addition, smaller enterprises tend not to declare fully their employees salaries to avoid paying social contributions, while larger companies declare all employees and their salaries.

- Salaries were not homogeneous across economic activities. Salaries per employee were lower than the average of USD 7,335 in the food and beverage sector (USD 6,959), the furniture sector (USD 6,561) and the clothing sector (USD 5,131). They were higher than the average in the other non-metallic mineral products sector (USD 7,876), the printed matter and recorded media sector (USD 8,722) and electrical machinery and apparatus sector (USD 8,220).
- Salaries also varied by region. The lowest average salary per employee was in Nabatiyeh (USD 4,580) and the highest salary per employee was in Mount Lebanon (USD 8,039).

Distribution of salaries by economic activity

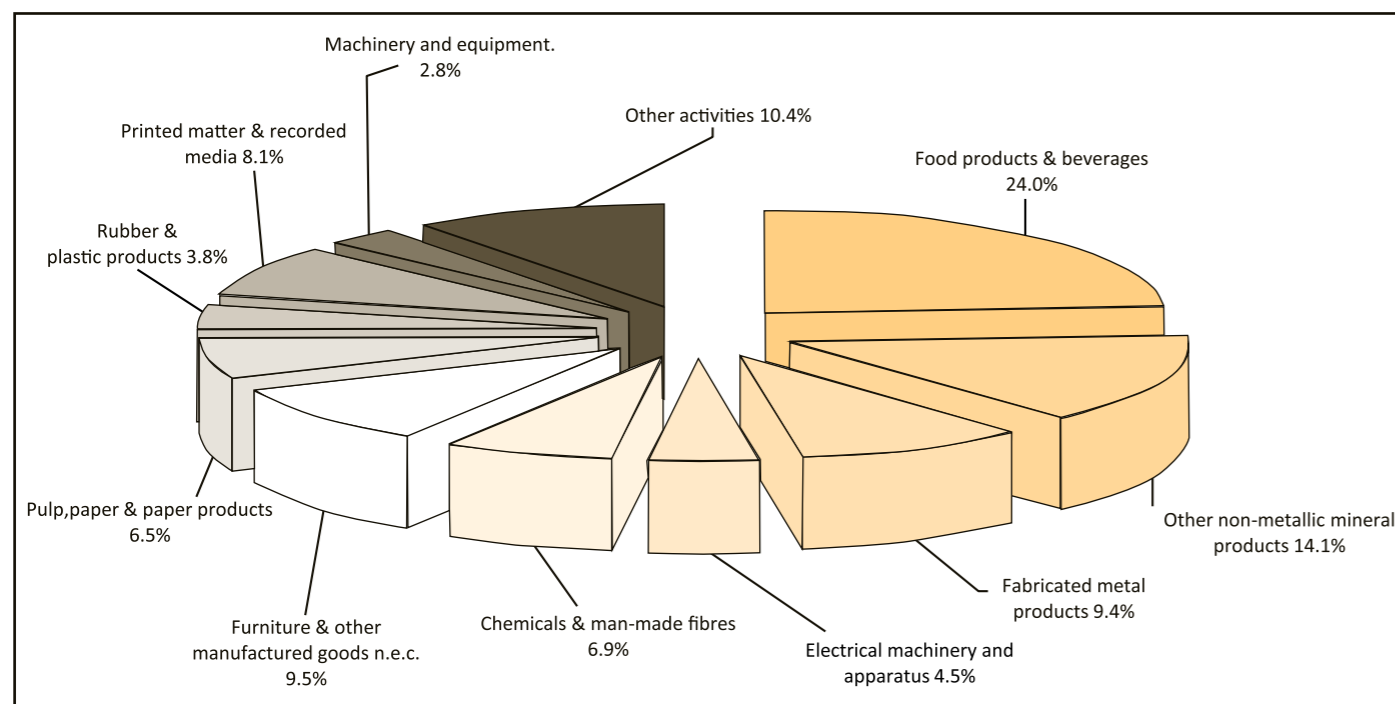


Figure 3.3 Distribution of salaries by economic activity

### 3.5 FIXED ASSETS

**Remark :** It is important to note that the 2006 war might have impacted on fixed assets of companies who could have reported assets detailed in their books, which may have been effectively destroyed.

- At the end of 2007, the 4,033 establishments employing more than 4 workers owned a total of USD 4 billion in fixed assets.
- Fixed assets per enterprise for establishments employing more than 4 workers reached USD 991,500 at the end of 2007.

**Industrial establishments have various types of fixed assets:**

- Land represented 19.8% of fixed assets owned at the end of 2007. Land is relatively expensive in Lebanon particularly in industrial zones. A real estate boom started in 2007 resulting in a sharp increase in the price of land. These prices might not be reflected in companies' books as they do not regularly revise their estimates since they are subject to a 10% tax rate if they do. Furthermore, land rental for industrial purposes remains infrequent.
- Buildings and other construction represented

24.3% of fixed assets at the end of 2007. Buildings were also subjected to a real estate boom in 2007. Buildings are available for rental but investors in Lebanon prefer to buy rather than rent. They are an expensive asset.

- Transport equipment represented 4.0% of fixed assets at the end of 2007. Vehicles on the Lebanese market are often second-hand or refurbished units, which might not be properly assessed in companies' books.
- Computers and software represented 1.2% of fixed assets at the end of 2007 and equipment for environment protection amounted only to 0.1%.
- Other machinery and equipment represented 45.5% of fixed assets. These consist probably mostly in machines used for production. They had the largest share of all fixed assets. Moreover, machinery and equipment represented the highest proportion of total fixed assets in all sectors except textiles, tanning and leather products and electricity, gas, steam and hot water supply.
- Finally, other fixed assets represented 5% of total assets of industrial establishments at the end of 2007.

Distribution of fixed assets by type

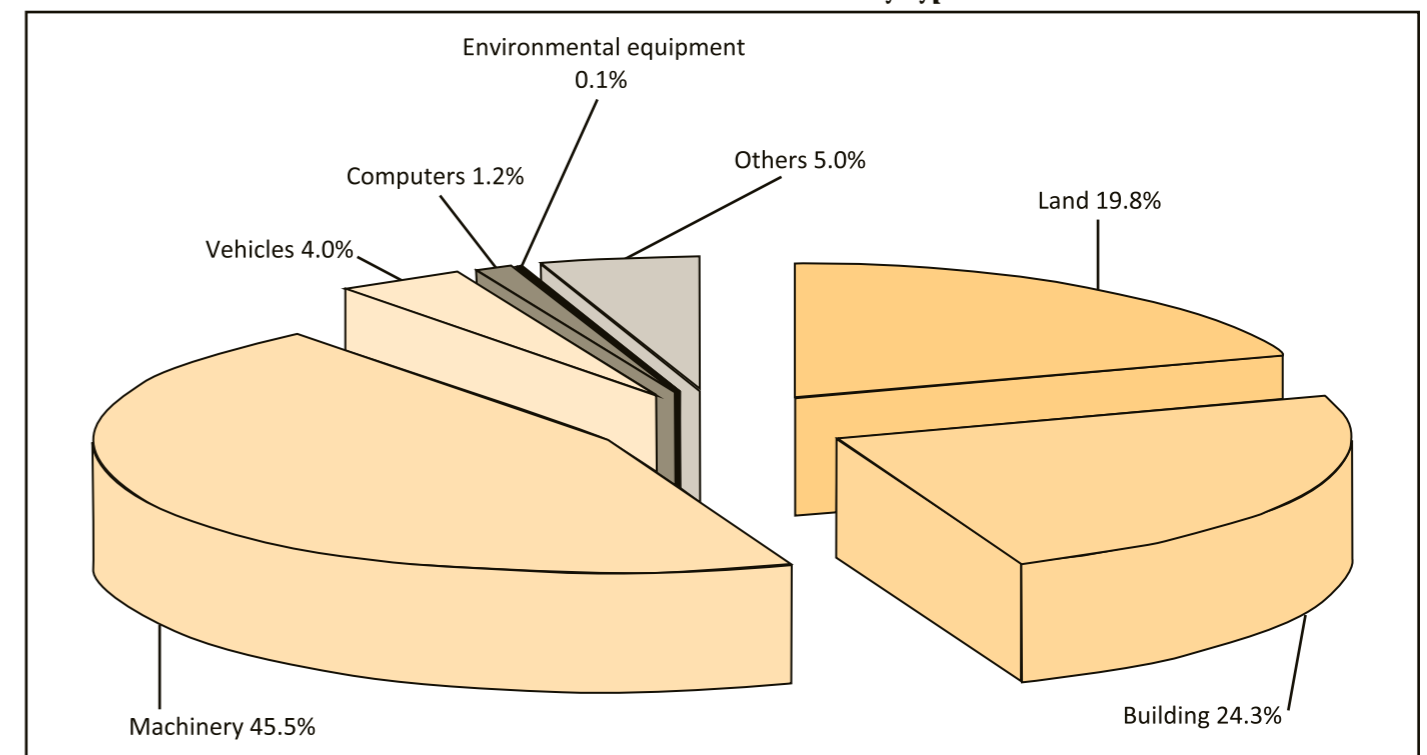


Figure 3.4 Distribution of fixed assets by type



- In 2007, the average value of machinery and equipment per worker in the industrial sector was equal to USD 21,954. The average value of machinery and equipment per worker in the non-metallic mineral products and in the food and beverage sectors reached respectively USD 38,694 and USD 26,246.

- The value of machinery and equipment per worker was lower in sectors such as the fabricated metals sector (USD 15,336), the electrical machinery and apparatus sector (USD 10,057), the furniture sector (USD 7,114) and the clothing sector (USD 6,127). These sectors do not necessitate sophisticated and expensive equipment.

- The value of machinery per worker also varied by size of the enterprise. Smaller enterprises employing between 5 and 9 workers had the equivalent of USD 11,081 in machinery per worker. Companies employing more than 250 workers had the equivalent of USD 47,474 in machinery per worker.

The average investment per m<sup>2</sup> was around USD 335 for the total 4,033 industrial establishments. For the food products and beverages this average reached USD 997 per m<sup>2</sup>; 816 USD per m<sup>2</sup> for printed matter & recorded media. Whereas this average is limited to 160 USD per m<sup>2</sup> for metallic mineral activities and to USD 148 for basic metals activities.

**Table 3.6 Distribution of assets by mohafaza**

	Beirut	Mount Lebanon	North Lebanon	South Lebanon	Bekaa	Nabatiyeh	Total	Total value of assets (000\$)
<b>Land</b>	2.4%	56.2%	22.1%	3.2%	15.6%	0.4%	100%	793,286
<b>Building</b>	4.1%	58.6%	13.3%	5.2%	18.2%	0.7%	100%	973,298
<b>Machinery</b>	2.9%	63.5%	18.9%	2.7%	11.3%	0.7%	100%	1,818,707
<b>Vehicles</b>	3.6%	57.4%	9.4%	7.7%	19.5%	2.3%	100%	161,135
<b>Computers</b>	4.9%	81.2%	5.7%	2.0%	5.8%	0.3%	100%	46,953
<b>Environmental equipment</b>	4.8%	64.2%	7.2%	6.5%	15.9%	1.4%	100%	5,145
<b>Other</b>	8.6%	67.2%	17.8%	1.1%	5.1%	0.1%	100%	200,196
<b>Total value of assets (000) USD</b>	137,619	2,439,769	702,426	140,828	551,970	26,109		3,998,720
<b>Output (000) USD</b>	492,719	4,454,395	790,777	323,046	679,913	59,441		6,800,292
<b>Output (% of total)</b>	7.2%	65.5%	11.6%	4.8%	10.0%	0.9%	100%	

- The share of land of industrial establishments in Beirut (2.4%) and Mount Lebanon (56.2%) was lower than their share of output (7.2% and 65.5% respectively). The same holds for their share of buildings (4.1% in Beirut and 58.6% in Mount Lebanon). The opposite is true in the Bekaa and North Lebanon. In the Bekaa, the share of land and buildings of industrial establishments (15.6% and 18.2% respectively) was higher than the share of output (10%). In North Lebanon, the share of land and buildings of industrial establishments (22.1% and 13.3% respectively) was also higher than the share of output (11.6%). This is due to the fact that land and buildings are cheaper in the latter.

- Establishments employing more than 250 workers had the largest share of fixed assets (30.7%) although they did not produce the largest share of output (their share of total output was 21.8%). The largest share of output (22.3%) was produced by enterprises employing between 100 and 249 workers that owned 18.4% of all fixed assets.

- The proportion of fixed assets used does not necessarily correspond to the share of fixed assets in each sector. The table below shows different types of activities.

**Table 3.7 Assets and outputs of Capital/ Labor - intensive sectors**

	Sector	Assets (as % of total assets)	Output (as % of total output)
<b>Capital- intensive sectors</b>	Other non- metallic mineral products	21.3%	11.7%
	Food and beverage sector	30.5%	25.7%
<b>Labor - intensive sectors</b>	Fabricated metal products	7.9%	10.9%
	Furniture	5.5%	6.7%

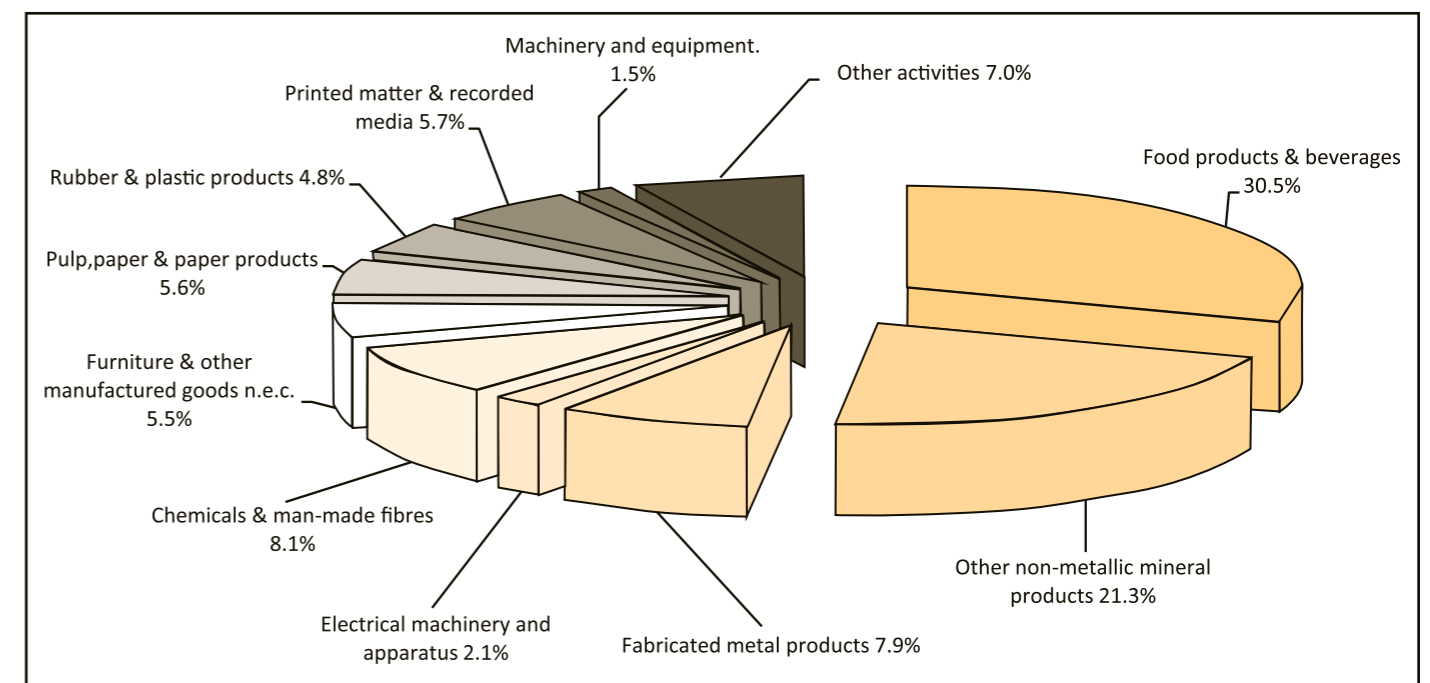
- Around 50% of fixed assets were owned by two sectors: food and beverage and non-metallic mineral products. These two activities produced 37.4% of the total industrial output. This might suggest those two activities are capital intensive ones or might be under-utilizing their assets.

- The share of buildings in total fixed assets (24.3% on average) also varied by sector. It was higher than average in the furniture sector (42.0%) and the electrical machinery and apparatus sector (29.8%) and lower than average in the other non-metallic mineral products (18.7%).

- The distribution of assets varied according to the sector. The share of land in all fixed assets of companies (on average equal to 19.8%) was higher than average in the fabricated metal products sector (27.7%), the clothing and tanning and leather products sectors (both 24.7%), the other non-metallic mineral products (23.5%). It was slightly lower than average in the food and beverage sector (18.0%) and the furniture sector (17.5%).

- The average proportion of machinery in all fixed assets owned by the industrial sector was 45.5%. The food and beverage was close to the average as 44.4% of fixed assets in the sector are equipment. Machinery represented 29.6% of fixed assets in the furniture sector and 38.3% in the electrical machinery sector. It represented 50.0% of fixed assets in the other non-metallic mineral products sector and 60.2% in the pulp, paper and paper products sector.

**Distribution of fixed assets by economic activity**



**Figure 3.5 Distribution of fixed assets by economic activity**

- The proportion of vehicles in total fixed assets, which reached 4.0% on average, varied depending on the economic activity. It was close to the average in the food and beverage sector (4.3%), the furniture sector (4.1%), the other non-metallic mineral products sector (4.0%) and the fabricated metal products sector (4.1%). It was lower than average in the basic metals sector (1.4%) and the tanning and leather products sector (2.1%) and higher than average in the chemicals and man-made fibres sector (5.6%) and the wood products sector (5.2%).

- The share of fixed assets for the protection of the environment never exceeded 1% of all fixed assets in each economic activity.

- Computers represented less than 2% of fixed assets in most industrial activities.

- Fixed assets per enterprise varied by sector with an average of USD 991,500. This average is USD 318,433 for the clothing sector, USD 307,418 for the wood products, USD 565,227 for the fabricated metal products and USD 300,961 for the furniture sector.

- The food and beverage sector, with a value of fixed assets per enterprise of USD 1,656,072 was above the average for all industries. The same holds for the other non-metallic mineral products (USD 1,397,269).

- Fixed assets per worker amounted to USD 48,269 on average. This average varied depending on the type of activity. The other non-metallic mineral products sector had a value of fixed assets per worker equal to USD 77,390 and the chemicals and man-made fibres sector a value of USD 67,840. These activities are more capital intensive than others such as the furniture industry (USD 24,049) and the clothing sector (USD 16,867).

- Fixed assets per worker also increased with enterprise size. Companies employing between 5 and 9 workers had a value of fixed assets per worker of USD 30,533 while companies employing more than 250 workers owned around USD 89,981 fixed assets per worker.

Finally, fixed assets per worker varied by region. The ratio was the highest in North Lebanon (USD 80,953) and the lowest in Nabatiyeh (USD 21,038).

- Total asset depreciation was around USD 300 million. Asset depreciation is estimated at around 7.5% in 2007 and 8% excluding land and buildings.

- The ratio of depreciation over assets varied by economic sector. It was high in the non-metallic mineral products sector (9.4%) and low in the fabricated metal products sector (6.1%).

- Depreciation over assets was higher in larger enterprises employing more than a 100 workers (8.0%) than in smaller enterprises (6.0% in companies employing between 5 and 9 workers).

- Regarding regional variation in depreciation over assets, the ratio was the lowest in the Bekaa and South Lebanon (6.8%) and the highest in North Lebanon (8.0%).

### COMPARISON WITH 1998

- In 1998, the 5,802 industrial establishments employing more than 4 workers had the equivalent of USD 2.8 billion in fixed assets (compared to USD 4 billion in 2007). This shows an increase of 42.8% approximately. Part of the increase is probably due to inflation and the depreciation of the American dollar and Lebanese pound with respect to other currencies. However, companies seem to own more assets on average in 2007 than in 1998.

- The increase in assets is more significant when considering assets per enterprise which increased from USD 479,811 in 1998 to USD 991,500 in 2007 (106.6%).

- The value of assets per worker has also increased from USD 39,565 in 1998 to USD 48,269 in 2007.

Table 3.8 Distribution of fixed assets highlights

Assets highlights	
<b>Total value of fixed assets (2007): USD 4 billion</b>	<b>Total value of fixed assets (1998): USD 2.8 billion</b>
<b>Fixed assets per enterprise (2007): USD 991,500</b>	<b>Fixed assets per enterprise (1998): USD 479,811</b>
<b>Assets per worker (2007): USD 48,269</b>	<b>Assets per worker (1998): USD 39,564</b>
<b>Machinery and equipment represent 45.5% of all fixed assets (2007)</b>	
<b>Equipment for environment protection represents 0.1% of all fixed assets (2007)</b>	

### 3.6 GROSS FIXED CAPITAL FORMATION

**Remark :** The 2006 war might have generated more investment in 2007 from industrialists seeking to replace destroyed equipment. On the other hand, the war might have discouraged investment.

- Gross fixed capital formation (G.F.C.F.) measures the difference between the value of investments in new or used fixed assets made during the year 2007 minus the value of sold fixed assets during the same period.

- Total gross fixed capital formation for all industrial establishments employing more than 4 workers amounted to USD 296 million in 2007.

- Machines represented the largest share of G.F.C.F. (69.4%) and equipment for environment protection the smallest (0.1%).

- In 2007, gross fixed capital formation represented approximately 4.4% of the gross output.

- Small companies, employing between 5 and 9 workers owned 10.5% of fixed assets (which is not the smallest proportion) and had the smallest share of total gross fixed capital formation in 2007 (3.1%). Companies employing more than 250 workers had the highest share of G.F.C.F. (36.5%) and the highest proportion of assets (30.7%).

- In 2007, the majority of G.F.C.F. was done by establishments in two regions: North Lebanon (43.0%) and Mount Lebanon (45.6%). The share of North Lebanon in total industrial gross fixed capital formation has increased significantly in 9 years as the latter was equal to 5.4% in 1998. However, after further analysis, it was found that 2007

witnessed exceptional investments by two main establishments (cement factories) in the Batroun district, which resulted in this high proportion. These are also the two regions with the highest proportion of industrial assets. However, the ratio of G.F.C.F. over assets was much higher in North Lebanon (18.1%) than in Mount Lebanon (5.5%) showing an exceptional renewal of assets in this region in 2007.

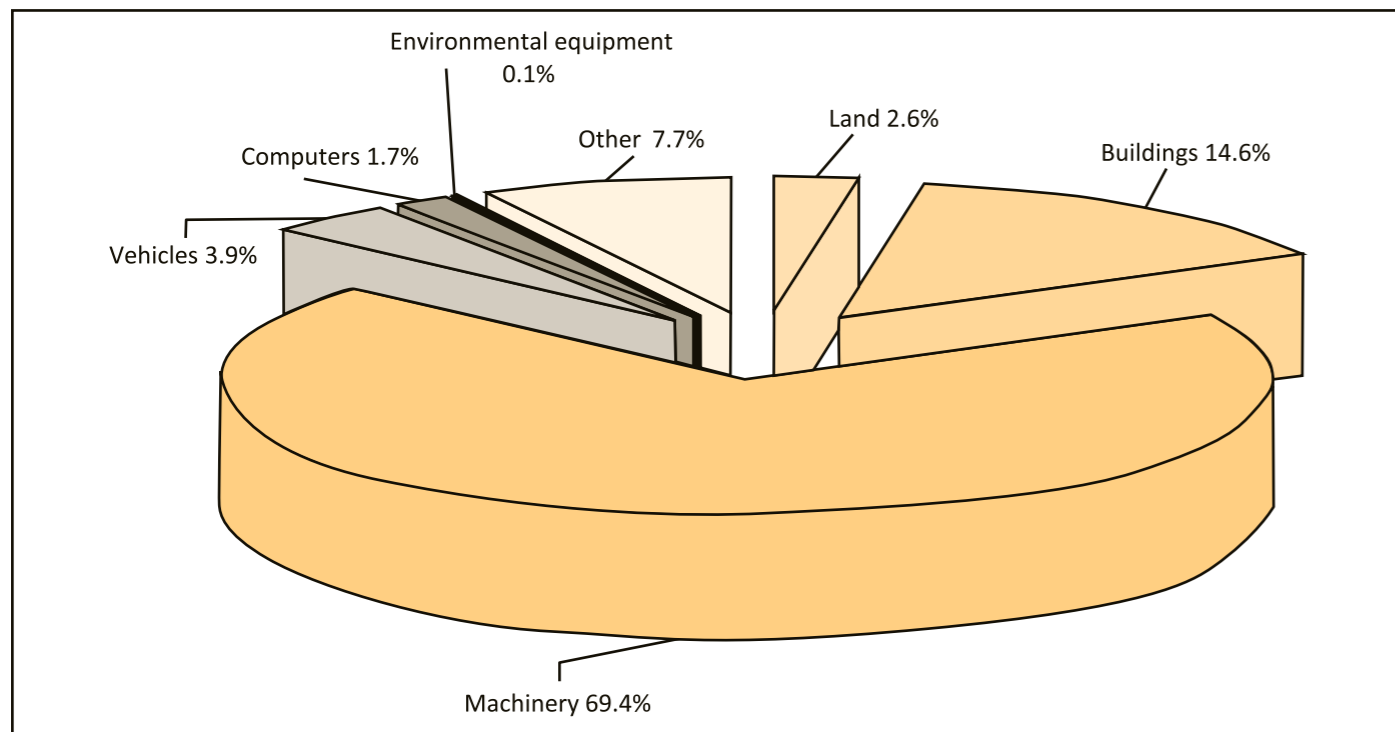
- The measure of G.F.C.F. over assets displayed an important variation across sector. The ratio was lower than average in the food and beverage sector (3.4%), the tanning and leather products industry (1.4%) and the furniture sector (3.6%) but higher than average in the chemicals and man-made fibre sector (11.8%), the other non-metallic mineral sector (11.6%), the clothing sector (7.1%).

- The electrical machinery and apparatus sector had one of the highest ratios of G.F.C.F. over assets (16.7%).

- An analysis of G.F.C.F. per type of asset reveals that net investment was not the same across assets. The ratio of G.F.C.F. over total fixed assets of land (1.0%) and buildings (4.4%) were lower than the average for all assets (7.4%). This might be due to the high price of these two assets which discourage new investments. The ratio of G.F.C.F. over assets for equipment for environment protection (7.8%) was close to the average suggesting that this type of investment is becoming increasingly popular. Net investments in computers (10.7%) and machinery and equipment (11.3%) were higher than the average for all assets.



**Distribution of G.F.C.F by type of assets**



**Figure 3.6 Distribution of G.F.C.F by type of assets**

**Table 3.9 New investments (G.F.C.F) as part of existing fixed assets**

	Land	Building	Machinery	Vehicles	Computers	Environmental equipment	Other
<b>G.F.C.F./ Assets</b>	1.0%	4.4%	11.3%	7.1%	10.7%	7.8%	11.4%

- G.F.C.F. per worker was equal to USD 3,575 on average but varied by size of the enterprise.

- Companies employing between 5 and 9 workers had a value of G.F.C.F. per worker of USD 661 whereas companies employing more than 250 workers had a G.F.C.F. per worker of USD 7,930. It is important to note that smaller companies had fewer assets than larger ones.

- G.F.C.F. per worker varied across economic activities. The other non-metallic mineral products sector and the chemicals and man-made fibers sector had high values of the latter (USD 8,990

and USD 8,003 respectively) while the furniture sector and the food and beverage sector had lower than average values (USD 857 and USD 1,995 respectively).

- The measure of G.F.C.F. per worker also varied depending on the region. It was the lowest in South Lebanon (USD 568) and the highest in North Lebanon (USD 14,676).

- It is important to note that on average, the ratio of G.F.C.F. over fixed assets (7.4%) was equal to the ratio of depreciation over fixed assets (7.5%), suggesting there was a renewal of fixed assets rather than a boom in investments in 2007.

**COMPARISON WITH 1998**

- In 1998, the 5,802 industrial establishments employing more than 4 workers had a G.F.C.F. of USD 285 million (compared to USD 296 million in 2007). This is equivalent to a 4.6% increase.

- However, the G.F.C.F. per worker in 1998 (USD 4,054) is higher than in 2007 (USD 3,575).

- The ratio of G.F.C.F. over fixed assets has also decreased from 10.3% in 1998 to 7.4% in 2007.

**Table 3.10 G.F.C.F highlights**

G.F.C.F highlights			
<b>Total G.F.C.F. (2007) :</b>	<b>USD 296 million</b>	<b>Total G.F.C.F. (1998) :</b>	<b>USD 285 million</b>
<b>G.F.C.F./ Assets (2007):</b>	<b>7.4%</b>	<b>G.F.C.F./ Assets (1998):</b>	<b>10.3%</b>
<b>G.F.C.F. per worker (2007):</b>	<b>USD 3,575</b>	<b>G.F.C.F. per worker (1998):</b>	<b>USD 4,054</b>

**3.7 ANALYSIS OF MAIN INDUSTRIAL SECTORS**

A more detailed analysis of key sectors of the industrial sector in Lebanon is conducted in this section.

**3.7.1 The food and beverage industry**

- In 2007, the food and beverage industry was the leading industry in Lebanon in a number of aspects. It had the highest number of enterprises (736 establishments which amounts to 18.2% of all establishments), the highest share of the workforce (24.9%) and the highest share of industrial output (25.7% of total industrial output).

- The food and beverage industry also had the highest share of value-added (26.9%). However, the ratio of value-added to output, which was equal to 31.8%, was not the highest. Neither was its value of value-added per worker (USD 26,987).

- Regarding intermediate consumption, expenditure on energy in the food and beverage sector was higher than the average for all industries. The ratio of expenditure on energy over total expenditure on inputs, which equaled 9.2%, was higher

than in 1998 (ratio of 3.5%).

- The salary per employee in the food and beverage sector (USD 6,959) was lower than the average for all industries (USD 7,335).

- The food and beverage industry owned 30.5% of industrial assets. Its gross fixed capital formation in 2007 represented 13.9% of total gross fixed capital formation by all industrial establishments, which is the second largest contribution. However, the ratio of G.F.C.F. over fixed assets (3.4%) was less than half the ratio of all industries (7.4%).

- The 13 soft drinks and mineral water industries represent 0.3% of the total establishments but generate 5.2% (USD 354 million) of the total industrial output and employ 2.1% (1,760 workers) of the total workforce.

- Out of the 32 establishments employing more than 250 workers, 10 were in the food and beverage industry. There were 3 of these enterprises in the preserving of fruits and vegetables sector, 2 enterprises in the bakery sector, 2 enterprises in the soft drinks industry and 3 others in various activities of the food and beverage sector.

**Table 3.11 Main statistics in the food and beverage industry**

	Food and beverage	% of total industrial sector
<b>Nb. of establish.</b>	736	18.2%
<b>Workforce</b>	20,607	24.9%
<b>Output (000\$)</b>	1,748,453	25.7%
<b>Input (000\$)</b>	1,192,337	25.2%
<b>Value-added (000\$)</b>	556,116	26.9%
<b>G.F.C.F. (000\$)</b>	41,104	13.9%
<b>Assets (000\$)</b>	1,218,869	30.5%
<b>Depreciation (000\$)</b>	85,019	28.4%

- The manufacture of bakery products represented 30% of establishments in the food and beverage sector (222 units) followed by the manufacture of dairy products (15%).

- The regional distribution of establishments in the food and beverage sector was as follows: 30% of establishments operated in the Bekaa region,

34% in Mount Lebanon, 8% of enterprises were located in Beirut, 14% in North Lebanon, 4% in Nabatiyeh and finally 10% of establishments in the food and beverage industry were based in South Lebanon. The geographical distribution of this sector was more evenly distributed than other activities.

**Table 3.12 Main Aggregates for Food products & beverage**

Economic Activity	Number of establish.	% of total	Workforce	% of total	Output (000\$)	% of total
Manufacture of soft drinks; production of mineral waters	13	1.8%	1,760	8.5%	353,857	20.2%
Manufacture of other food products n.e.c.	136	18.5%	3,231	15.7%	281,401	16.1%
Manufacture of bakery products	222	30.2%	5,682	27.6%	207,052	11.8%
Processing and preserving of fruit and vegetables	70	9.5%	3,009	14.6%	200,616	11.5%
Manufacture of grain mill products	32	4.3%	586	2.8%	190,494	10.9%
Manufacture of dairy products	112	15.2%	1,923	9.3%	154,533	8.8%
Others	151	20.5%	4,417	21.5%	360,499	20.6%
<b>Food products &amp; beverages</b>	<b>736</b>	<b>100%</b>	<b>20,607</b>	<b>100%</b>	<b>1,748,453</b>	<b>100%</b>

**Table 3.13 Main ratios in the food and beverage industry**

	Food and Beverage	All industries
Output /Worker (\$)	84,848	82,087
Output/Assets	143.4%	170.1%
Value-added/Worker (\$)	26,987	24,927
Value-added/Output	31.8%	30.4%
G.F.C.F./Assets	3.4%	7.4%
Salaries/Value-added	23.7%	26.5%
Average salary per employee (\$)	6,959	7,335

### 3.7.2 The building material industry

- The non-metallic mineral products sector and the fabricated metal products sector which were the second and third largest sectors in terms of industrial output (and third and fourth most important in terms of number of enterprises) are considered to constitute, with the wood products sector, the building materials sector. The three sectors altogether represented 31% of industrial

establishments and 23.6% of the total industrial output.

- 72% of establishments in the non-metallic mineral products sector were found in the activity of cutting, shaping and finishing of stone. 55% of establishments in the fabricated metal products sector were found in the activity of manufacturing of structural metal products.

**Table 3.14 Main statistics in the building materials industry**

	Wood products	Fabricated metal products	Non-metallic mineral products	Total Building Materials	% of total industry
Nb. of establish.	87	558	609	1,254	31.0%
Workforce	1,398	8,054	10,996	20,448	24.7%
Output (000\$)	65,447	742,708	797,109	1,605,264	23.6%
Input (000\$)	35,582	577,553	511,562	1,124,696	23.8%
Value-added (000\$)	29,866	165,155	285,547	480,568	23.3%
G.F.C.F. (000\$)	2,993	20,806	98,845	122,644	41.4%
Assets (000\$)	26,745	315,397	850,937	1,193,079	29.8%
Depreciation (000\$)	2,041	19,365	79,892	101,298	33.8%

- Regarding the regional distribution of the building materials industry, the proportions of establishments in each region were: 2% in Beirut, 41% in Mount Lebanon, 13% in North Lebanon, 12% in South Lebanon, 28% in the Bekaa and 3% Nabatiyeh.

- The second largest number of enterprises employing more than 250 workers was found in the building industry sector (8 enterprises), 6 of which belonged to the non-metallic mineral products sector.

- The three sectors in the building industry owned 29.8% of fixed assets (although the wood products industry only has 0.7% of fixed assets) and they contributed to 41.4% of the total industrial gross fixed capital formation.

- The wood products industry counted 87 establishments (2% of all industrial establishments) and produced only 1% of the total industrial output. However, its value-added to output ratio, which was equal to 45.6%, was higher than average but slightly lower than in 1998 (46.8%). The fabricated metal products sector represented 13.8% of all establishments and 10.9% of the industrial out-

**Table 3.15 Main ratios in the building materials industry**

	Wood products	Fabricated metal products	Non-metallic mineral products	Total Building Materials	All industries
Output /Worker (\$)	46,815	92,216	72,494	78,505	82,087
Output/Assets	244.7%	235.5%	93.7%	134.5%	170.1%
Value-added/Worker (\$)	21,363	20,506	25,969	23,502	24,927
Value-added/Output	45.6%	22.2%	35.8%	29.9%	30.4%
G.F.C.F./Assets	11.2%	6.6%	11.6%	10.3%	7.4%
Salaries/Value-added	24.6%	31.1%	27.1%	28.3%	26.5%
Average salary per employee (\$)	5,861	7,207	7,876	7,476	7,335

put. However, it had a lower than average ratio of value-added to output (22.2%). This ratio was almost half what it was in 1998 (40.7%) Finally, the non-metallic mineral products sector, with 15.1% of establishments and 11.7% of the total industrial output, had a value-added to output ratio of 35.8%, which was higher than the average but once again lower than its value in 1998.

- Output per worker was higher than average in the fabricated metal products sector but lower in the non-metallic mineral products and the wood products sector. On the other hand, the two latter sectors seemed to make better use of their resources as they had higher ratio of output to fixed assets than average. The same is not true for the non-metallic mineral products sector. This was also the case in 1998, when the non-metallic sector had a similar output to fixed assets ratio. The ratios for the other two sectors have increased in 9 years (they were: 80.4% for the metal products industry and 91.8% for the wood products industry).

**Table 3.16 Main statistics in the Furniture & other manufactured goods n.e.c. industry**

	Furniture	Jewellery	Other manufactured goods n.e.c.	Total	% of total industry
<b>Nb. of establish.</b>	650	66	14	730	<b>18.1%</b>
<b>Workforce</b>	7,832	1,167	138	9,136	<b>11%</b>
<b>Output (000\$)</b>	283,256	165,740	4,907	453,903	<b>6.7%</b>
<b>Input (000\$)</b>	155,281	107,869	3,620	266,771	<b>5.6%</b>
<b>Value-added (000\$)</b>	127,975	57,870	1,287	187,133	<b>9%</b>
<b>G.F.C.F. (000\$)</b>	6,908	884	41	7,833	<b>2.6%</b>
<b>Assets (000\$)</b>	192,431	26,088	1,183	219,702	<b>5.5%</b>
<b>Depreciation (000\$)</b>	11,759	1,864	155	13,778	<b>4.6%</b>

- The jewellery sector had a higher than average output per worker (USD 142,022) while the manufacturing of furniture had a lower than average output per worker (USD 35,166). The ratio of value-added to output in the jewellery sector was lower than in the manufacturing of furniture sector. The jewellery sector has expensive inputs and only involves transformation by artisans.

### 3.7.3 The furniture and other manufactured products industry

The international standards of industrial classification (ISIC) classify in the same category (36) the furniture, the jewelry, and industries not mentioned elsewhere, therefore it was necessary to separate these categories for the analysis.

- The furniture sector had almost the same number of establishments as the food and beverage sector representing 18.1% of all industrial establishments employing more than 4 workers. However, it only produced 6.7% of the total industrial output in 2007. Despite having the same number of enterprises as the food and beverage sector, it had half its workforce.

- The establishments classified as belonging to the furniture and other manufactured goods sector belong to three types of activities: furniture, jewelry and other manufacturing.

- The ratio of output to fixed assets is high in the jewellery sector because this sector does not necessitate important assets but produces an expensive end product. Value-added per worker was almost twice the average for all industries.

- The manufacturing of furniture on the other hand had a lower than average value-added per

worker but higher than average ratio of value-added to output.

- Finally, it is important to note that enterprises in the furniture sector are active in the commerce of imported furniture.

**Table 3.17 Main ratios in the Furniture & other manufactured goods n.e.c. industry**

	Furniture	Jewellery	Other manufactured goods n.e.c	Total	% of total industry
<b>Output /Worker (\$)</b>	36,169	142,083	35,688	49,686	<b>82,087</b>
<b>Output/Assets</b>	147.2%	635.3%	414.8%	206.6%	<b>170.1%</b>
<b>Value-added/Worker (\$)</b>	16,341	49,610	9,361	20,484	<b>24,927</b>
<b>Value-added/Output</b>	45.2%	34.9%	26.2%	41.2%	<b>30.4%</b>
<b>G.F.C.F./Assets</b>	3.6%	3.4%	3.5%	3.6%	<b>7.4%</b>
<b>Salaries/Value-added</b>	33.7%	14%	59.4%	27.8%	<b>26.5%</b>
<b>Average salary per employee (\$)</b>	6,355	7,923	6,623	6,561	<b>7,335</b>

### 3.7.4 The electrical machinery and apparatus sector

- The electrical machinery and apparatus sector has grown substantially in the last decade. In 1998, establishments employing more than 4 workers in this sector represented less than 0.5%

of the total number of establishments and produced 2.8% of the total output. In 2007, the same type of establishments represented 2.1% of the total number of enterprises and produced 10.6% of the industrial output.

**Table 3.18 Main Statistics in the electrical and machinery sector**

	Electrical machinery and apparatus	% of total industry
<b>Nb. of establish.</b>	83	2.1%
<b>Workforce</b>	3,182	3.8%
<b>Output (000\$)</b>	719,354	10.6%
<b>Input (000\$)</b>	522,750	11.1%
<b>Value-added (000\$)</b>	196,604	9.5%
<b>G.F.C.F. (000\$)</b>	13,961	4.7%
<b>Assets (000\$)</b>	83,601	2.1%
<b>Depreciation (000\$)</b>	7,486	2.5%

- The value of output per worker was among the highest in the whole industrial sector. This is due to the nature of activities in the sector as processed inputs are bought and only slightly modified before being re-sold.

- The ratio of output over fixed assets (860.5%) was more than 5 times the average ratio for all enterprises (170.1%).

- Value-added per worker (USD 61,786) was higher than the average for all industries (USD 24,927). However, the ratio of value-added over

output (27.3%) was lower than the average for all industries (30.4%).

- The sector seems to be expanding further as the ratio of G.F.C.F. over fixed assets (16.7%) was more than twice the ratio for all industries (7.4%).

- Finally, while the average salary per employee (USD 8,220) was higher than the one reported for all industries (USD 7,335), total salaries only constituted 12.5% of the value-added (compared to 26.5% for all industries).



## APPENDIX I: GENERAL FEATURES



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**Table I-1.a Distribution of Industrial Establishments by Activity and Workforce**  
جدول 1.1.a - توزيع المؤسسات الصناعية حسب النشاط الاقتصادي واليد العاملة

ISIC code	Economic Activity	Workforce							Total	النشاط الاقتصادي
		5-9	10-19	20-34	35-49	50-99	100-249	≥ 250		
14	Other mining & quarrying products	4	5						9	النشطة اخرى للتعدين واستغلال المحاجر
15	Food products & beverages	312	222	90	31	40	31	10	736	صنع المنتجات الغذائية والمشروبات
17	Textiles	32	26	8	7	1	3		77	صناعة المنسوجات
18	Clothes & dyeing fur	89	51	47	11	10	1	1	210	صنع الملابس، تهيئة وصنع القراء
19	Leather & leather products	51	34	13	5	1	1		105	دبغ وتهيئة الجلود، صنع حقائب القراء
20	Wood products (except furniture)	57	17	7	3	1	1	1	87	(صناعة الخشب ومنتجاته (باستثناء الأثاث
21	Pulp, paper & paper products	23	26	10	7	8	4	4	82	صناعة الورق ومنتجاته
22	Printed matter & recorded media	96	62	24	7	11	8	3	211	الطباعة، النشر والاستنساخ ووسائط الإعلام
23	Coke & refined petroleum products	1	3						4	صنع فحم الكوك والمنتجات النفطية المكررة
24	Chemicals & man-made fibres	80	47	36	8	15	6	1	193	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products	76	43	21	10	12	5	1	168	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	296	223	53	11	14	6	6	609	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	3	1	1	3	1		1	10	صناعة الفلزات القاعدية
28	Fabricated metal products	381	90	48	13	18	7	1	558	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	47	33	15	2	5	2	1	105	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery		3						3	صنع آلات المكاتب والمحاسبة وآلات الحساب الإلكتروني
31	Electrical machinery and apparatus	26	20	21	3	6	5	2	83	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	3	2	2	1	1			9	صنع الأجهزة الطبية وأوتار القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	2	2	3					7	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c	484	154	47	20	20	5		730	صنع الأثاث، صنع متونجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	16	3	1	3	1	2		26	صنع غاز الاستنساخ؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	2	5	2	1	1			11	جمع وتنقية وتوزيع المياه
	<b>Total</b>	<b>2,081</b>	<b>1,072</b>	<b>449</b>	<b>146</b>	<b>166</b>	<b>87</b>	<b>32</b>	<b>4,033</b>	<b>المجموع</b>

Table I-1.a Distribution of Industrial Establishments by Activity and Workforce  
جدول 1.1.a - توزيع المؤسسات الصناعية بحسب النشاط الإقتصادي واليد العاملة

ISIC code	Economic Activity	Workforce							Total
		5-9	10-19	20-34	35-49	50-99	100-249	≥ 250	
14	Other mining & quarrying products	44.4%	55.6%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
15	Food products & beverages	42.4%	30.2%	12.2%	4.2%	5.4%	4.2%	1.4%	100.0%
17	Textiles	41.6%	33.8%	10.4%	9.1%	1.3%	3.9%	0.0%	100.0%
18	Clothes & dyeing fur	42.4%	24.3%	22.4%	5.2%	4.8%	0.5%	0.5%	100.0%
19	Leather & leather products	48.6%	32.4%	12.4%	4.8%	1.0%	1.0%	0.0%	100.0%
20	Wood products (except furniture)	65.5%	19.5%	8.0%	3.4%	1.1%	1.1%	1.1%	100.0%
21	Pulp,paper & paper products	28.0%	31.7%	12.2%	8.5%	9.8%	4.9%	4.9%	100.0%
22	Printed matter & recorded media	45.5%	29.4%	11.4%	3.3%	5.2%	3.8%	1.4%	100.0%
23	Coke & refined petroleum products	25.0%	75.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
24	Chemicals & man-made fibres	41.5%	24.4%	18.7%	4.1%	7.8%	3.1%	0.5%	100.0%
25	Rubber & plastic products	45.2%	25.6%	12.5%	6.0%	7.1%	3.0%	0.6%	100.0%
26	Other non-metallic mineral products	48.6%	36.6%	8.7%	1.8%	2.3%	1.0%	1.0%	100.0%
27	Basic metals	30.0%	10.0%	10.0%	30.0%	10.0%	0.0%	10.0%	100.0%
28	Fabricated metal products	68.3%	16.1%	8.6%	2.3%	3.2%	1.3%	0.2%	100.0%
29	Machinery and equipment.	44.8%	31.4%	14.3%	1.9%	4.8%	1.9%	1.0%	100.0%
30	Office, accounting and computing machinery	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
31	Electrical machinery and apparatus	31.3%	24.1%	25.3%	3.6%	7.2%	6.0%	2.4%	100.0%
33	Medical, precision and optical instruments	33.3%	22.2%	22.2%	11.1%	11.1%	0.0%	0.0%	100.0%
34	Motor vehicles, trailers and semi-trailers	28.6%	28.6%	42.9%	0.0%	0.0%	0.0%	0.0%	100.0%
36	Furniture & other manufactured goods n.e.c.	66.3%	21.1%	6.4%	2.7%	2.7%	0.7%	0.0%	100.0%
40	Electricity, gas, steam and hot water supply	61.5%	11.5%	3.8%	11.5%	3.8%	7.7%	0.0%	100.0%
41	Collection, purification and distribution of water	18.2%	45.5%	18.2%	9.1%	9.1%	0.0%	0.0%	100.0%
	<b>Total</b>	<b>51.6%</b>	<b>26.6%</b>	<b>11.1%</b>	<b>3.6%</b>	<b>4.1%</b>	<b>2.2%</b>	<b>0.8%</b>	<b>100.0%</b>

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Table I-1.a Distribution of Industrial Establishments by Activity and Workforce  
جدول 1.1.a - توزيع المؤسسات الصناعية بحسب النشاط الإقتصادي واليد العاملة

ISIC code	Economic Activity	Workforce							Total
		5-9	10-19	20-34	35-49	50-99	100-249	≥ 250	
14	Other mining & quarrying products	0.2%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
15	Food products & beverages	15.0%	20.7%	20.0%	21.2%	24.1%	35.6%	31.3%	18.2%
17	Textiles	1.5%	2.4%	1.8%	4.8%	0.6%	3.4%	0.0%	1.9%
18	Clothes & dyeing fur	4.3%	4.8%	10.5%	7.5%	6.0%	1.1%	3.1%	5.2%
19	Leather & leather products	2.5%	3.2%	2.9%	3.4%	0.6%	1.1%	0.0%	2.6%
20	Wood products (except furniture)	2.7%	1.6%	1.6%	2.1%	0.6%	1.1%	3.1%	2.2%
21	Pulp,paper & paper products	1.1%	2.4%	2.2%	4.8%	4.8%	4.6%	12.5%	2.0%
22	Printed matter & recorded media	4.6%	5.8%	5.3%	4.8%	6.6%	9.2%	9.4%	5.2%
23	Coke & refined petroleum products	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
24	Chemicals & man-made fibres	3.8%	4.4%	8.0%	5.5%	9.0%	6.9%	3.1%	4.8%
25	Rubber & plastic products	3.7%	4.0%	4.7%	6.8%	7.2%	5.7%	3.1%	4.2%
26	Other non-metallic mineral products	14.2%	20.8%	11.8%	7.5%	8.4%	6.9%	18.8%	15.1%
27	Basic metals	0.1%	0.1%	0.2%	2.1%	0.6%	0.0%	3.1%	0.2%
28	Fabricated metal products	18.3%	8.4%	10.7%	8.9%	10.8%	8.0%	3.1%	13.8%
29	Machinery and equipment.	2.3%	3.1%	3.3%	1.4%	3.0%	2.3%	3.1%	2.6%
30	Office, accounting and computing machinery	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
31	Electrical machinery and apparatus	1.2%	1.9%	4.7%	2.1%	3.6%	5.7%	6.3%	2.1%
33	Medical, precision and optical instruments	0.1%	0.2%	0.4%	0.7%	0.6%	0.0%	0.0%	0.2%
34	Motor vehicles, trailers and semi-trailers	0.1%	0.2%	0.7%	0.0%	0.0%	0.0%	0.0%	0.2%
36	Furniture & other manufactured goods n.e.c.	23.3%	14.4%	10.5%	13.7%	12.0%	5.7%	0.0%	18.1%
40	Electricity, gas, steam and hot water supply	0.8%	0.3%	0.2%	2.1%	0.6%	2.3%	0.0%	0.6%
41	Collection, purification and distribution of water	0.1%	0.5%	0.4%	0.7%	0.6%	0.0%	0.0%	0.3%
	<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>

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Table I-1.b Regional Distribution of Industrial Establishments by Activity and Workforce

جدول I-1.b التوزيع الجغرافي للمؤسسات الصناعية حسب اليد العاملة والنشاط الاقتصادي

Mohafaza: Beirut

المحافظة: بيروت

ISIC code	Economic Activity	Workforce								Total
		5-9	10-19	20-34	35-49	50-99	100-249	≥ 250		
15	Food products & beverages	28	11	10	3	5	1			58
17	Textiles	4	1	2						7
18	Clothes & dyeing fur	23	9	6	1	1				40
19	Leather & leather products	4	1	1	1					6
21	Pulp,paper & paper products	4	3	1						8
22	Printed matter & recorded media	11	15	3	3	3	2			37
24	Chemicals & man-made fibres	2								2
25	Rubber & plastic products	4			1					5
26	Other non-metallic mineral products	6	5	2			1			14
28	Fabricated metal products	7	3	1	1		1			13
29	Machinery and equipment.			2						2
30	Office, accounting and computing machinery		1							1
31	Electrical machinery and apparatus	2	4							6
33	Medical, precision and optical instruments			1						2
36	Furniture & other manufactured goods n.e.c.	16	12	4	1	4				37
41	Collection, purification and distribution of water		1							1
	<b>Total</b>	<b>111</b>	<b>66</b>	<b>32</b>	<b>11</b>	<b>14</b>	<b>5</b>	<b>0</b>	<b>239</b>	

Table I-1.b Regional Distribution of Industrial Establishments by Activity and Workforce

جدول I-1.b التوزيع الجغرافي للمؤسسات الصناعية حسب اليد العاملة والنشاط الاقتصادي

Mohafaza: Mount Lebanon

المحافظة: جبل لبنان

ISIC code	Economic Activity	Workforce								Total
		5-9	10-19	20-34	35-49	50-99	100-249	≥ 250		
15	Food products & beverages	83	83	32	12	17	18	8		253
17	Textiles	19	17	6	5	1	3			51
18	Clothes & dyeing fur	46	34	39	7	8	1	1		136
19	Leather & leather products	33	26	13	2	1	1			76
20	Wood products (except furniture)	28	10	6	2	1	1			49
21	Pulp,paper & paper products	13	18	6	5	6	3	3		54
22	Printed matter & recorded media	62	39	20	4	8	5	3		141
23	Coke & refined petroleum products	1	2							3
24	Chemicals & man-made fibres	58	26	25	6	12	4	1		132
25	Rubber & plastic products	55	36	16	6	6	4	1		124
26	Other non-metallic mineral products	80	53	20	6	7	3	3		172
27	Basic metals	1			3	1		1		6
28	Fabricated metal products	171	56	34	10	18	3	1		293
29	Machinery and equipment.	29	18	10	2	5	2	1		67
30	Office, accounting and computing machinery		2							2
31	Electrical machinery and apparatus	16	12	17	3	5	3	2		58
33	Medical, precision and optical instruments	2	1	1	1					5
34	Motor vehicles, trailers and semi-trailers	2	1	2						5
36	Furniture & other manufactured goods n.e.c.	231	77	31	15	13	5			372
40	Electricity, gas, steam and hot water supply	1			3	1	2			7
41	Collection, purification and distribution of water	1	2	1						4
	<b>Total</b>	<b>932</b>	<b>513</b>	<b>279</b>	<b>92</b>	<b>110</b>	<b>58</b>	<b>26</b>	<b>2,010</b>	



Table I-1.b Regional Distribution of Industrial Establishments by Activity and Workforce

جدول I-1.b التوزيع الجغرافي للمؤسسات الصناعية بحسب اليد العاملة والنشاط الاقتصادي

## Mohafaza: North Lebanon

المحافظة: لبنان الشمالي

ISIC code	Economic Activity	Workforce								Total
		5-9	10-19	20-34	35-49	50-99	100-249	≥ 250		
15	Food products & beverages	41	41	10	5	3	1			104
17	Textiles	1								1
18	Clothes & dyeing fur	5	1	1	3	1				11
20	Wood products (except furniture)	14	2		1					17
21	Pulp,paper & paper products	2		1	2	1				6
22	Printed matter & recorded media	5	4	1						10
23	Coke & refined petroleum products		1							1
24	Chemicals & man-made fibres	7	4	4	1		2			18
25	Rubber & plastic products	7	1	1						9
26	Other non-metallic mineral products	44	22	9	3	3	1	2		84
27	Basic metals	1	1	1						3
28	Fabricated metal products	47	9	9						65
29	Machinery and equipment.	5	4	2						11
31	Electrical machinery and apparatus	3	2	1						6
34	Motor vehicles, trailers and semi-trailers			1						1
36	Furniture & other manufactured goods n.e.c.	115	37	9	1	1				163
40	Electricity, gas, steam and hot water supply	4	1	1						6
41	Collection, purification and distribution of water		1		1					2
	<b>Total</b>	<b>301</b>	<b>132</b>	<b>50</b>	<b>17</b>	<b>9</b>	<b>6</b>	<b>3</b>		<b>518</b>

Table I-1.b Regional Distribution of Industrial Establishments by Activity and Workforce

جدول I-1.b التوزيع الجغرافي للمؤسسات الصناعية بحسب اليد العاملة والنشاط الاقتصادي

## Mohafaza: Bekaa

المحافظة: البقاع

ISIC code	Economic Activity	Workforce								Total
		5-9	10-19	20-34	35-49	50-99	100-249	≥ 250		
14	Other mining & quarrying products	4	5							9
15	Food products & beverages	97	66	26	9	13	7	1		219
17	Textiles	3	6		1					10
18	Clothes & dyeing fur	6	1							7
19	Leather & leather products		2							2
20	Wood products (except furniture)	8	3							11
21	Pulp,paper & paper products		3	1		1	1	1		7
22	Printed matter & recorded media	7	3							10
24	Chemicals & man-made fibres	4	10	5	2					21
25	Rubber & plastic products	7	3	4	3	5	1			23
26	Other non-metallic mineral products	113	118	16	1	4	1	1		254
28	Fabricated metal products	71	10	2	1		3			87
29	Machinery and equipment.	5	6							11
31	Electrical machinery and apparatus		1			1				2
33	Medical, precision and optical instruments	1								1
36	Furniture & other manufactured goods n.e.c.	50	9	2	1					62
40	Electricity, gas, steam and hot water supply	4								4
41	Collection, purification and distribution of water	1	1	1		1				4
	<b>Total</b>	<b>381</b>	<b>247</b>	<b>57</b>	<b>16</b>	<b>27</b>	<b>13</b>	<b>3</b>		<b>744</b>

Table I-1.b Regional Distribution of Industrial Establishments by Activity and Workforce

جدول I-1.b التوزيع الجغرافي للمؤسسات الصناعية حسب اليد العاملة والنشاط الاقتصادي

Mohafaza: South Lebanon

المحافظة: لبنان الجنوبي

ISIC code	Economic Activity	Workforce								Total
		5-9	10-19	20-34	35-49	50-99	100-249	≥ 250		
15	Food products & beverages	46	15	9	2		2			74
17	Textiles	5	2							7
18	Clothes & dyeing fur	6	4							10
19	Leather & leather products	10	5		2					17
20	Wood products (except furniture)	7	1							8
21	Pulp, paper & paper products	3	1	1						5
22	Printed matter & recorded media	9	1				1			11
24	Chemicals & man-made fibres	7	7	2	1					17
25	Rubber & plastic products	3	3			1				7
26	Other non-metallic mineral products	36	16	5	1					58
27	Basic metals	1								1
28	Fabricated metal products	78	8	2	1					89
29	Machinery and equipment.	8	4	1						13
31	Electrical machinery and apparatus	3	1	2			2			8
33	Medical, precision and optical instruments		1							1
34	Motor vehicles, trailers and semi-trailers			1						1
36	Furniture & other manufactured goods n.e.c.	66	16	1	1	2				86
40	Electricity, gas, steam and hot water supply	5	2							7
	<b>Total</b>	<b>293</b>	<b>87</b>	<b>24</b>	<b>8</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>420</b>	

Table I-1.b Regional Distribution of Industrial Establishments by Activity and Workforce

جدول I-1.b التوزيع الجغرافي للمؤسسات الصناعية حسب اليد العاملة والنشاط الاقتصادي

Mohafaza: Nabatiyeh

المحافظة: النبطية

ISIC code	Economic Activity	Workforce								Total
		5-9	10-19	20-34	35-49	50-99	100-249	≥ 250		
15	Food products & beverages	17	6	3		2				28
17	Textiles				1					1
18	Clothes & dyeing fur	3	2	1						6
19	Leather & leather products	4								4
20	Wood products (except furniture)		1	1						2
21	Pulp, paper & paper products	1	1							2
22	Printed matter & recorded media	2								2
24	Chemicals & man-made fibres	2				1				3
26	Other non-metallic mineral products	17	9	1						27
28	Fabricated metal products	7	4							11
29	Machinery and equipment.		1							1
31	Electrical machinery and apparatus	2		1						3
36	Furniture & other manufactured goods n.e.c.	6	3		1					10
40	Electricity, gas, steam and hot water supply	2								2
	<b>Total</b>	<b>63</b>	<b>27</b>	<b>7</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>102</b>	

Table I-2 Distribution of Industrial Establishments by Activity and Legal Status  
جدول I.2 - توزيع المؤسسات الصناعية بحسب النشاط الاقتصادي والشكل القانوني

ISIC code	Economic Activity	Individual Company مؤسسة فردية	Participation Limited By Shares توصية الأسهم	Coop- erative تعاونية	General partner- ship تضامن	Limited Liability Co. SARL محدودة المسؤولية	Limited Partnership توصية بسيطة	Limited Co. SAL مغفلة شركة مغفلة	Other غيرها	Total	النشاط الاقتصادي
14	Other mining & quarrying products	6			2	1			0	9	أنشطة أخرى للتعدين واستغلال المحاجر
15	Food products & beverages	363	1	6	85	145	47	88	1	736	صنع المنتجات الغذائية والمشروبات
17	Textiles	36			11	16	8	5	1	77	صناعة المنسوجات
18	Clothes & dyeing fur	120			26	40	14	9	1	210	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	62			11	22	7	3	0	105	دبغ وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	54			7	24		2	0	87	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	23			7	26	6	20	0	82	صناعة الورق ومنتجاته
22	Printed matter & recorded media	83	2		33	51	12	28	2	211	الطباعة، النشر والاستنساخ ووسائط الإعلام
23	Coke & refined petroleum products	2				1		1	0	4	صنع فحم الكوك ومنتجات النفطية المكررة
24	Chemicals & man-made fibres	49			24	74	11	35	0	193	صنع المواد و المنتجات الكيميائية
25	Rubber & plastic products	61	3		15	60	11	18	0	168	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	397			65	89	15	43	0	609	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	1			1	4		4	0	10	صناعة الفلزات القاعدية
28	Fabricated metal products	349			47	92	20	50	0	558	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	49			12	31	6	7	0	105	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery	1				1		1	0	3	صنع آلات المكاتب والمحاسبة وآلات الحساب الإلكتروني
31	Electrical machinery and apparatus	27			6	26	6	18	0	83	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	2				3	2	1	1	9	صنع الأجهزة الطبية وأدوات القياس والآلات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	2			2	2	1		0	7	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c.	516			68	107	14	25	0	730	صنع الأثاث، صنع متوجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	14			3	3		6	0	26	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	2				5	1	3	0	11	جمع وتنقية وتوزيع المياه
	<b>Total</b>	<b>2,219</b>	<b>6</b>	<b>6</b>	<b>425</b>	<b>823</b>	<b>181</b>	<b>367</b>	<b>6</b>	<b>4,033</b>	<b>المجموع</b>

Table I-3 Distribution of Industrial Establishments by Activity and Year of Establishment  
جدول I.3- توزيع المؤسسات الصناعية بحسب النشاط الاقتصادي وسنة التأسيس

ISIC code	Economic Activity	Year of establishment سنة التأسيس										Total	النشاط الاقتصادي		
		Before 1950	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2007	2008-2013	2014-2019	2020-2023				
14	Other mining & quarrying products		1					2	2	4	9				أنشطة أخرى للتعدين واستغلال المحاجر
15	Food products & beverages	35	24	40	76	118	211	232	736						صنع المنتجات الغذائية والمشروبات
17	Textiles	7	1	3	10	16	25	15	77						صناعة المنسوجات
18	Clothes & dyeing fur	1	3	5	28	42	87	44	210						صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	1	5	11	18	18	30	22	105						دبغ وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	2	2	6	13	4	26	34	87						صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	3	2	9	8	18	14	28	82						صناعة الورق ومنتجاته
22	Printed matter & recorded media	6	7	16	37	30	64	51	211						الطباعة، النشر والاستنساخ ووسائط الإعلام
23	Coke & refined petroleum products			1	2	1			4						صنع فحم الكوك ومنتجات النفطية المكررة
24	Chemicals & man-made fibres	5	9	14	22	22	60	61	193						صنع المواد و المنتجات الكيميائية
25	Rubber & plastic products		2	13	25	30	52	46	168						صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	5	7	29	43	69	213	243	609						صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals				3	2	2	3	10						صناعة الفلزات القاعدية
28	Fabricated metal products	9	12	32	65	99	206	135	558						صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	1	2	7	21	17	28	29	105						صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery														صنع آلات المكاتب والمحاسبة والآلات الإلكترونية
31	Electrical machinery and apparatus		1	5	11	15	28	23	83						صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments				2	2	3	2	9						صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers				1	4	2		7						صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c.	6	18	45	99	128	221	213	730						صنع الأثاث، صنع متوجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	1	4		1	4	5	11	26						صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water					1	4	6	11						جمع وتنقية وتوزيع المياه
	<b>Total</b>	<b>82</b>	<b>100</b>	<b>236</b>	<b>485</b>	<b>642</b>	<b>1,284</b>	<b>1,204</b>	<b>4,033</b>						<b>المجموع</b>



Table I-4.a Distribution of Industrial Establishments by Adherence to Professional Associations and Industrial Activities

جدول I-4.a - توزيع المؤسسات الصناعية بحسب انتمائها للتجمعات المهنية وبحسب النشاط الاقتصادي

ISIC Code	Economic Activity	A	B	C	D	A+B	A+C	A+D	B+C	B+D	C+D	A+B+C	A+B+D	A+C+D	B+C+D	A+B+C+D	E
14	Other mining & quarrying products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
15	Food products & beverages	117	431	77	105	104	39	49	67	88	31	37	48	22	28	21	270
17	Textiles	18	50	9	7	16	5	5	8	7	5	4	5	4	5	4	25
18	Clothes & dyeing fur	34	127	22	8	29	7	5	20	7	7	7	5	5	7	5	75
19	Leather & leather products	6	59	11	8	4	2	0	7	7	2	1	0	0	2	0	40
20	Wood products (except furniture)	5	30	4	1	5	2	0	2	1	0	2	0	0	0	0	55
21	Pulp,paper & paper products	31	63	14	27	30	12	15	12	22	9	12	14	8	8	8	13
22	Printed matter & recorded media	29	108	23	46	22	7	13	19	35	10	7	12	4	10	4	82
23	Coke & refined petroleum products	1	4	1	1	1	0	0	1	1	0	0	0	0	0	0	0
24	Chemicals & man-made fibres	63	150	36	16	55	21	11	31	16	7	19	11	6	7	6	32
25	Rubber & plastic products	44	101	25	3	38	18	2	24	2	2	18	2	2	2	2	59
26	Other non-metallic mineral products	39	189	42	34	29	13	7	32	23	5	11	4	1	5	1	394
27	Basic metals	2	9	1	1	2	0	0	1	1	1	0	0	0	0	0	1
28	Fabricated metal products	59	249	45	7	51	20	2	36	5	2	18	2	1	2	1	292
29	Machinery and equipment.	28	72	12	4	26	5	2	10	4	0	5	2	0	0	0	29
30	Office, accounting and computing machinery	0	2	1	1	0	0	0	1	1	1	0	0	0	1	0	1
31	Electrical machinery and apparatus	26	58	13	7	21	9	7	11	6	4	7	6	4	3	3	20
33	Medical, precision and optical instruments	2	7	2	0	2	1	0	2	0	0	1	0	0	0	0	2
34	Motor vehicles, trailers and semi-trailers	2	5	2	0	1	0	0	2	0	0	0	0	0	0	0	1
36	Furniture & other manufactured goods n.e.c.	48	302	46	50	41	10	9	28	32	5	9	8	2	5	2	387
40	Electricity, gas, steam and hot water supply	4	15	1	2	3	1	1	1	2	0	1	1	0	0	0	10
41	Collection, purification and distribution of water	3	5	1	0	2	1	0	1	0	0	1	0	0	0	0	5
	جمع وتفتيح وتوزيع المياه																
	<b>Total</b>	<b>561</b>	<b>2,036</b>	<b>388</b>	<b>328</b>	<b>482</b>	<b>173</b>	<b>128</b>	<b>316</b>	<b>260</b>	<b>91</b>	<b>160</b>	<b>120</b>	<b>59</b>	<b>86</b>	<b>571,802</b>	<b>المجموع</b>

A: Membership in ALI

B: Membership in CCIA

C: Membership in regional industrial associations

D: Membership in sector industrial associations

E: Not a Member in A,B,C and D

A: عضو في جمعية الصناعيين اللبنانيين

B: عضو في احدى غرف التجارة والصناعة والزراعة

C: عضو في احدى التجمعات المنطقية للصناعيين

D: عضو في احدى النقابات القطاعية المتخصصة

E: ليس عضواً في A,B,C & D

Table I-4.b Distribution of Industrial Establishments by Adherence to Professional Associations and Region

جدول I-4.b توزيع المؤسسات الصناعية بحسب انتمائها للتجمعات المهنية وبحسب المحافظة

Mohafaza	A	B	C	D	A+B	A+C	A+D	B+C	B+D	C+D	A+B+C	A+B+D	A+C+D	B+C+D	A+B+C+D	E	المحافظة
Beirut	39	137	15	36	28	0	16	12	26	2	0	13	0	2	0	81	بيروت
Bekaa	40	162	24	30	36	12	11	21	26	6	12	11	3	6	3	571	البقاع
Mount Lebanon	417	1127	275	190	355	147	84	229	152	70	135	79	50	67	48	755	جبل لبنان
Nabatieh	3	69	7	6	3	0	0	7	6	1	0	0	0	1	0	33	النبطية
North Lebanon	42	279	42	31	42	6	11	28	24	6	6	11	3	5	3	219	الشمال
South Lebanon	20	262	25	35	18	8	6	19	26	6	7	6	3	5	3	143	الجنوب
<b>Total</b>	<b>561</b>	<b>2,036</b>	<b>388</b>	<b>328</b>	<b>482</b>	<b>173</b>	<b>128</b>	<b>316</b>	<b>260</b>	<b>91</b>	<b>160</b>	<b>120</b>	<b>59</b>	<b>86</b>	<b>571,802</b>	<b>المجموع</b>	

A: Membership in ALI

B: Membership in CCIA

C: Membership in regional industrial associations

D: Membership in sector industrial associations

E: Not a Member in A,B,C and D

A: عضو في جمعية الصناعيين اللبنانيين

B: عضو في احدى غرف التجارة والصناعة والزراعة

C: عضو في احدى التجمعات المنطقية للصناعيين

D: عضو في احدى النقابات القطاعية المتخصصة

E: ليس عضواً في A,B,C & D

Table I-4.c Distribution of Industrial Establishments by Adherence to Professional Associations and District

جدول I-4.c توزيع المؤسسات الصناعية بحسب انتمائها للتجمعات المهنية وبحسب القضاء

Caza	A	B	C	D	A+B	A+C	A+D	B+C	B+D	C+D	A+B+C	A+B+D	A+C+D	B+C+D	A+B+C+D	E	القضاء
Aaley	49	120	46	23	42	27	10	37	18	12	25	10	8	11	8	51	عاليه
Akkar	4	31	8	5	4	1	1	6	2	2	1	1	0	1	0	67	عكار
Hermel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	الهرمل
Baabda	50	197	50	32	41	21	13	38	26	15	19	13	11	15	11	118	بعبدا
Baalbeck	4	18	2	3	4	1	2	1	3	1	1	2	1	1	1	315	بعلبك
Batroun	8	26	2	3	8	0	1	2	3	0	0	1	0	0	0	12	البترون
Beirut	39	137	15	36	28	0	16	12	26	2	0	13	0	2	0	81	بيروت
Bent Jbayl	0	11	1	0	0	0	0	1	0	0	0	0	0	0	0	12	بنت جبيل
Becharreh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	بشري
Hasbaya	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	حاصبيا
Jezzine	0	15	1	2	0	0	0	1	2	0	0	0	0	0	0	15	جزين
Jubail	34	80	28	11	27	17	7	23	9	6	14	5	5	4	4	42	جبيل
Kessrwan	53	113	35	31	49	26	15	30	27	10	23	14	9	9	8	51	كسروان
Koura	15	60	7	4	15	2	3	5	4	1	2	3	1	1	1	8	الكرة
Minieh-Dannieh	4	40	15	4	4	0	2	8	4	0	0	2	0	0	0	68	المنية الصنية
Marjaayoun	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	مرجعيون
Matn	209	557	97	86	179	50	34	85	65	23	49	32	15	23	15	484	المتن
Nabatiyeh	3	52	6	6	3	0	0	6	6	1	0	0	0	1	0	18	النبطية
Rachaya	1	8	0	1	1	0	1	0	1	0	0	1	0	0	0	13	راشيا
Saida	18	183	16	30	17	7	6	14	22	4	6	6	3	4	3	60	صيدا
Chouf	22	60	19	7	17	6	5	16	7	4	5	5	2	4	2	9	الشوف
Tyr	2	64	8	3	1	1	0	4	2	2	1	0	0	1	0	68	صور
Tripoli	10	92	6	13	10	2	4	3	9	2	2	4	2	2	2	50	طرابلس
West Bekaa	2	8	0	3	0	0	0	0	3	0	0	0	0	0	0	36	البقاع الغربي
Zghorta	1	30	4	2	1	1	0	4	2	1	1	0	0	1	0	12	زرغرتا
Zahleh	33	128	22	23	31	11	8	20	19	5	11	8	2	5	2	201	زحلة
<b>Total</b>	<b>561</b>	<b>2,036</b>	<b>388</b>	<b>328</b>	<b>482</b>	<b>173</b>	<b>128</b>	<b>316</b>	<b>260</b>	<b>91</b>	<b>160</b>	<b>120</b>	<b>59</b>	<b>86</b>	<b>57</b>	<b>1,802</b>	<b>المجموع</b>

A: Membership in ALI

B: Membership in CCIA

C: Membership in regional industrial associations

D: Membership in sector industrial associations

E: Not a Member in A,B,C and D

A: عضو في جمعية الصناعيين اللبنانيين

B: عضو في احدى غرف التجارة والصناعة والزراعة

C: عضو في احدى التجمعات المنطقية للصناعيين

D: عضو في احدى النقابات القطاعية المتخصصة

E: ليس عضواً في A,B,C & D

Table I-4.d : Distribution of Industrial Establishments by Adherence to Professional Associations and by Size of Establishment

جدول I.4.d : توزيع المؤسسات الصناعية بحسب انتمائها للتجمعات المهنية وبحسب حجم المؤسسة

Workforce by class	A	B	C	D	A+B	A+C	A+D	B+C	B+D	C+D	A+B+C	A+B+D	A+C+D	B+C+D	A+B+C+D	E	اليد العاملة
5-9 workers	56	812	98	70	43	11	8	71	45	12	10	7	3	11	3	1207	5-9 عمال
10-19 workers	131	566	114	97	108	36	26	86	72	21	33	23	10	21	10	436	10-19 عمال
20-34 workers	133	317	66	66	116	37	32	58	60	19	34	31	14	18	14	106	20-34 عمال
35-49 workers	56	108	27	19	48	19	11	22	17	7	15	11	6	7	6	27	35-49 عمال
50-99 workers	94	130	42	39	84	34	24	40	31	18	33	23	14	16	13	19	50-99 عمال
100-249 workers	66	75	24	26	60	20	18	23	25	6	20	17	5	6	5	5	100-249 عمال
≥ 250 workers	25	28	17	11	23	16	9	16	10	8	15	8	7	7	6	2	أكثر من 250 عامل
<b>Total</b>	<b>561</b>	<b>2,036</b>	<b>388</b>	<b>328</b>	<b>482</b>	<b>173</b>	<b>128</b>	<b>316</b>	<b>260</b>	<b>91</b>	<b>160</b>	<b>120</b>	<b>59</b>	<b>86</b>	<b>57</b>	<b>1,802</b>	<b>المجموع</b>

A: Membership in ALI

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A: عضو في جمعية الصناعيين اللبنانيين

B: عضو في احدى غرف التجارة والصناعة والزراعة

C: عضو في احدى التجمعات المنطقية للصناعيين

D: عضو في احدى النقابات القطاعية المتخصصة

E: ليس عضواً في A,B,C & D

**Table I-5 Distribution of Industrial Establishments by Workforce and Adherence to the Association of the Lebanese Industrialists**

جدول I-5 : توزيع المؤسسات الصناعية بحسب اليد العاملة وانتسابها الى جمعية الصناعيين اللبنانيين

ISIC code	Economic Activity	5-9 workers		10-49 workers		≥ 50 workers		النشاط الاقتصادي			
		Yes نعم	No لا	% of No	Yes نعم	No لا	% of No				
14	Other mining & quarrying products	0	4	100.0%	0	5	100.0%	0	0	0.0%	النشطة اخرى للتعدين واستغلال المحاجر
15	Food products & beverages	5	307	98.4%	62	281	81.9%	50	31	38.3%	صنع المنتجات الغذائية والمشروبات
17	Textiles	3	29	90.6%	12	29	70.7%	3	1	25.0%	صناعة المنسوجات
18	Clothes & dyeing fur	2	87	97.8%	26	83	76.1%	6	6	50.0%	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	0	51	100.0%	6	46	88.5%	0	2	100.0%	دبغ وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	0	57	100.0%	3	24	88.9%	2	1	33.3%	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp, paper & paper products	4	19	82.6%	14	29	67.4%	13	3	18.8%	صناعة الورق ومنتجاته
22	Printed matter & recorded media	1	95	99.0%	15	78	83.9%	13	9	40.9%	الطباعة، النشر والاستنساخ ووسائط الإعلام
23	Coke & refined petroleum products	0	1	100.0%	1	2	66.7%	0	0	0.0%	صنع فحم الكوك والمنتجات النفطية المكررة
24	Chemicals & man-made fibres	9	71	88.8%	37	54	59.3%	17	5	22.7%	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products	5	71	93.4%	25	49	66.2%	14	4	22.2%	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	5	291	98.3%	21	266	92.7%	13	13	50.0%	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	0	3	100.0%	1	4	80.0%	1	1	50.0%	صناعة الفلزات القاعدية
28	Fabricated metal products	4	377	99.0%	36	115	76.2%	19	7	26.9%	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment	7	40	85.1%	15	35	70.0%	6	2	25.0%	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery	0	0	0.0%	0	3	100.0%	0	0	0.0%	صنع آلات المكاتب والمحاسبة وآلات الحساب الإلكتروني
31	Electrical machinery and apparatus	3	23	88.5%	14	30	68.2%	9	4	30.8%	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	1	2	66.7%	1	4	80.0%	0	1	100.0%	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	0	2	100.0%	2	3	60.0%	0	0	0.0%	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c.	6	478	98.8%	26	195	88.2%	16	9	36.0%	صنع الأثاث، صنع متوجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	0	16	100.0%	2	5	71.4%	2	1	33.3%	صنع غاز الاستنساخ؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	1	1	50.0%	1	7	87.5%	1	0	0.0%	جمع وتنقية وتوزيع المياه
	<b>Total</b>	<b>56</b>	<b>2,025</b>	<b>97.3%</b>	<b>320</b>	<b>1,347</b>	<b>80.8%</b>	<b>185</b>	<b>100</b>	<b>35.1%</b>	<b>المجموع</b>

**Table I-6 Distribution of Industrial Establishments by Workforce, Region, Economic Activity and Adherence to a Chamber of Commerce, Industry, and Agriculture**

جدول I-6 : توزيع المؤسسات الصناعية بحسب اليد العاملة، المحافظة، النشاط الاقتصادي وانتسابها الى احدى غرف التجارة والصناعة والزراعة

ISIC code	Economic Activity	1-9 workers						10-49 workers						≥ 50 workers						النشاط الاقتصادي	
		Beirut بيروت		North الشمال		Mount Lebanon جبل لبنان		Beirut بيروت		North الشمال		Mount Lebanon جبل لبنان		Beirut بيروت		North الشمال		Mount Lebanon جبل لبنان			
		Yes نعم	No لا	Yes نعم	No لا	Yes نعم	No لا	Yes نعم	No لا	Yes نعم	No لا	Yes نعم	No لا	Yes نعم	No لا	Yes نعم	No لا	Yes نعم	No لا		
14	Other mining & quarrying products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	النشطة اخرى للتعدين واستغلال المحاجر
15	Food products & beverages	12	16	42	41	21	20	16	8	87	40	47	9	2	4	36	7	7	0	0	صنع المنتجات الغذائية والمشروبات
17	Textiles	3	1	13	6	0	1	3	0	20	8	0	0	0	0	3	1	0	0	0	صناعة المنسوجات
18	Clothes & dyeing fur	15	8	24	22	4	1	12	4	50	30	1	4	1	0	7	3	0	1	0	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	2	2	15	18	0	0	1	1	22	19	0	0	0	0	2	0	0	0	0	دبغ وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	0	0	9	19	2	12	0	0	11	7	2	1	0	0	2	1	0	0	0	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp, paper & paper products	2	2	9	4	2	0	2	2	23	6	2	1	0	0	12	0	1	0	0	صناعة الورق ومنتجاته
22	Printed matter & recorded media	6	5	19	43	4	1	12	9	41	22	4	1	2	3	12	4	0	0	0	الطباعة، النشر والاستنساخ ووسائط الإعلام
23	Coke & refined petroleum products	0	0	1	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	صنع فحم الكوك والمنتجات النفطية المكررة
24	Chemicals & man-made fibres	2	0	38	20	6	1	0	0	46	11	8	1	0	0	15	2	2	0	0	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products	3	1	22	33	5	2	0	1	40	18	1	1	0	0	10	1	0	0	0	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	1	5	33	47	14	30	4	3	44	35	21	13	1	0	10	3	4	2	0	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	0	0	0	1	1	0	0	0	3	0	2	0	0	0	2	0	0	0	0	صناعة الفلزات القاعدية
28	Fabricated metal products	2	5	62	109	14	33	4	1	65	35	13	5	0	1	21	1	0	0	0	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment	0	0	16	13	2	3	2	0	22	8	6	0	0	0	8	0	0	0	0	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	صنع آلات المكاتب والمحاسبة وآلات الحساب الإلكتروني
31	Electrical machinery and apparatus	2	0	8	8	2	1	3	1	20	12	3	0	0	0	8	2	0	0	0	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	0	0	2	0	0	0	1	0	3	0	0	0	0	1	0	0	0	0	0	صنع الأجهزة الطبية ولوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	0	0	1	1	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c.	8	8	78	153	37	78	9	8	62	61	30	17	4	0	15	3	1	0	0	صنع الأثاث، صنع متوجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	0	0	1	0	4	0	0	0	3	0	2	0	0	0	2	1	0	0	0	صنع غاز الاستنساخ؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	0	0	0	1	0	0	0	1	1	2	2	0	0	0	0	0	0	0	0	جمع وتنقية وتوزيع المياه
	<b>Total</b>	<b>58</b>	<b>53</b>	<b>393</b>	<b>539</b>	<b>118</b>	<b>183</b>	<b>69</b>	<b>40</b>	<b>569</b>	<b>315</b>	<b>146</b>	<b>53</b>	<b>10</b>	<b>9</b>	<b>165</b>	<b>29</b>	<b>15</b>	<b>3</b>	<b>0</b>	<b>المجموع</b>



**Table I-6 Distribution of Industrial Establishments by Workforce, Region, Economic Activity and Adherence a Chamber of Commerce, Industry, and Agriculture**  
جدول 6-1: توزيع المؤسسات الصناعية بحسب اليد العاملة، المحافظة، النشاط الاقتصادي الى احدى غرف التجارة والصناعة والزراعة

ISIC code	Economic Activity	1-9 workers						10-49 workers						≥ 50 workers					
		Bekaa		South		Nabatiyeh		Bekaa		South		Nabatiyeh		Bekaa		South		Nabatiyeh	
		Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
14	Other mining & quarrying products	0	4	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
15	Food products & beverages	26	71	36	10	13	4	41	60	21	5	6	3	14	7	2	0	2	0
17	Textiles	0	3	4	1	0	0	1	6	2	0	1	0	0	0	0	0	0	0
18	Clothes & dyeing fur	2	4	2	4	2	1	0	1	4	0	3	0	0	0	0	0	0	0
19	Leather & leather products	0	0	8	2	2	2	1	1	6	1	0	0	0	0	0	0	0	0
20	Wood products (except furniture)	0	8	1	6	0	0	0	3	1	0	2	0	0	0	0	0	0	0
21	Pulp,paper & paper products	0	0	3	0	1	0	3	1	0	2	1	0	2	1	0	0	0	0
22	Printed matter & recorded media	0	7	2	7	2	0	2	1	1	0	0	0	0	0	1	0	0	0
23	Coke & refined petroleum products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Chemicals & man-made fibres	2	2	7	0	2	0	10	5	10	0	0	0	1	1	0	0	1	0
25	Rubber & plastic products	3	4	3	0	0	0	4	6	3	0	0	0	6	0	1	0	0	0
26	Other non-metallic mineral products	3	110	16	20	8	9	5	130	14	8	6	4	5	1	0	0	0	0
27	Basic metals	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Fabricated metal products	9	62	36	42	2	5	4	9	10	1	4	0	3	0	0	0	0	0
29	Machinery and equipment.	1	4	5	3	0	0	4	2	5	0	1	0	0	0	0	0	0	0
30	Office, accounting and computing machinery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Electrical machinery and apparatus	0	0	3	0	2	0	1	0	3	0	1	0	0	1	2	0	0	0
33	Medical, precision and optical instruments	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
34	Motor vehicles, trailers and semi-trailers	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
36	Furniture & other manufactured goods n.e.c.	5	45	28	38	2	4	2	10	15	3	4	0	0	0	2	0	0	0
40	Electricity, gas, steam and hot water supply	0	4	0	5	1	1	0	0	2	0	0	0	0	0	0	0	0	0
41	Collection, purification and distribution of water	0	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0
<b>Total</b>		<b>51</b>	<b>330</b>	<b>155</b>	<b>138</b>	<b>37</b>	<b>26</b>	<b>79</b>	<b>241</b>	<b>99</b>	<b>20</b>	<b>29</b>	<b>7</b>	<b>32</b>	<b>11</b>	<b>8</b>	<b>0</b>	<b>3</b>	<b>0</b>

**Table I-7 Distribution of Establishments by Economic Activity and Built Operating Area**  
جدول 7-1 توزيع المؤسسات الصناعية بحسب النشاط الاقتصادي والمساحة المشغولة

ISIC code	Economic Activity	Built Operating Area in m <sup>2</sup>									Total
		<250	250-999	1,000-4,999	5,000-19,999	20,000-49,999	≥50,000				
14	Other mining & quarrying products				1	4					9
15	Food products & beverages	181	333	164	50	5	3	736			
17	Textiles	16	32	23	5	1		77			
18	Clothes & dyeing fur	49	122	36	3			210			
19	Leather & leather products	27	60	15	3			105			
20	Wood products (except furniture)	26	39	16	6			87			
21	Pulp,paper & paper products	5	34	29	7	6	1	82			
22	Printed matter & recorded media	51	95	58	4	3		211			
23	Coke & refined petroleum products	1	1	2				4			
24	Chemicals & man-made fibres	10	58	85	31	5	4	193			
25	Rubber & plastic products	18	66	60	19	5		168			
26	Other non-metallic mineral products	22	116	295	155	14	7	609			
27	Basic metals			1	4	3	1	10			
28	Fabricated metal products	204	211	113	21	7	2	558			
29	Machinery and equipment.	17	41	34	10	2	1	105			
30	Office, accounting and computing machinery	2	1					3			
31	Electrical machinery and apparatus	12	30	28	9	3	1	83			
33	Medical, precision and optical instruments	1	5	3				9			
34	Motor vehicles, trailers and semi-trailers	1	2	4				7			
36	Furniture & other manufactured goods	184	402	121	21	2		730			
40	Electricity, gas, steam and hot water supply	1		13	12			26			
41	Collection, purification and distribution of water			3	5			11			
<b>Total</b>		<b>828</b>	<b>1,652</b>	<b>1,109</b>	<b>366</b>	<b>58</b>	<b>20</b>	<b>4,033</b>			

## APPENDIX II: QUANTITATIVE DATA



Table II-1.a	Main Economic Indicators in the Lebanese Industry by Economic Activity
Table II-1.b	Main Economic Indicators in the Lebanese Industry by Economic Activity & Establishment Size
Table II-1.c	Main Economic Indicators in the Lebanese Industry by Region
Table II-2.a	Distribution of the Workforce by Gender, Category and Economic Activity
Table II-2.b	Distribution of the Workforce by Gender, Category, Economic Activity & Establishment Size
Table II-3.a	Salaries and Wages by Workers' Category and Economic Activity
Table II-3.b	Salaries and Wages by Workers' Category and Establishment Size
Table II-4	Stocks and Stock Changes by Economic Activity
Table II-5.a	Industrial and Non Industrial Output by Economic Activity
Table II-5.b	Industrial and Non Industrial Output by Economic Activity and Establishment Size
Table II-5.c	Industrial and Non Industrial Output by Establishment Size
Table II-6.a	Main Expenditures on Inputs by Economic Activity
Table II-6.b	Main Expenditures on Inputs per Establishment by Economic Activity
Table II-6.c	Distribution of Expenditures on Inputs by Economic Activity and Establishment Size
Table II-7.a	Fixed Assets at the end of 2007 by Economic Activity
Table II-7.b	Fixed Assets at the end of 2007 by Establishment Size
Table II-8.a	Gross Fixed Capital Formation and Depreciation by Economic Activity
Table II-8.b	Gross Fixed Capital Formation and Depreciation by Establishment Size

Table II-1.a : Main Economic Indicators in the Lebanese Industry by Economic Activity  
جدول II-1.أ : أهم المؤشرات الاقتصادية للصناعة اللبنانية بحسب النشاط الاقتصادي

ISIC code	Economic Activity	Nb. of establishments	اليد العاملة Work-force*	عدد الإجراء Nb. of employees**	الرواتب والأجور Wages & Salaries*** (000\$)	الإنتاج Output (000\$)	المدخلات Input (000\$)	القيمة المضافة Value-added (000\$)	تكوين الراسمال الثابت G.F.C.F**** (000\$)	النشاط الاقتصادي
14	Other mining & quarrying products	9	102	84	723	3,334	1,493	1,841	0	النشطة الأخرى للتعدين واستغلال المحاجر
	% of total industries	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	النسبة من المجموع
1410	Quarrying of stone, sand and clay	9	102	84	723	3,334	1,493	1,841	0	استغلال المحاجر لاستخراج الأحجار والرمال والطين
15	Food products & beverages	736	20,607	18,915	131,632	1,748,453	1,192,337	556,116	41,104	صنع المنتجات الغذائية والمشروبات
	% of total industries	18.2%	24.9%	25.3%	24.0%	25.7%	25.2%	26.9%	13.9%	النسبة من المجموع
1511	Production, processing and preserving of meat and meat products	14	1,650	1,623	10,810	141,550	100,724	40,825	1,485	إنتاج وتجهيز وحفظ اللحوم ومنتجاتها
1513	Processing and preserving of fruit and vegetables	70	3,009	2,793	17,301	200,616	143,941	56,675	14,059	تجهيز، ترضيب، عصر وحفظ الفواكه والخضروات
1514	Manufacture of vegetable and animal oils and fats	33	381	324	1,349	59,920	51,720	8,199	4	صنع الزيوت والدهون النباتية والحيوانية
1520	Manufacture of dairy products	112	1,923	1,711	9,727	154,533	127,006	27,527	2,406	صنع منتجات الألبان
1531	Manufacture of grain mill products	32	586	508	3,492	190,494	160,416	30,078	4,880	صناعة منتجات مطاحن الحبوب
1533	Manufacture of prepared animal feeds	15	145	116	683	25,341	19,377	5,964	-95	صناعة أعلاف حيوانية محضرة
1541	Manufacture of bakery products	222	5,682	5,172	26,807	207,052	137,585	69,467	4,192	صنع منتجات المخابز والحلويات
1543	Manufacture of cocoa, chocolate and sugar confectionery	57	1,476	1,348	11,758	73,833	42,123	31,710	2,334	صنع الكاكو والشوكولا والحلويات السكرية
1544	Manufacture of macaroni, noodles, couscous and similar farinaceous products	3	28	22	85	706	386	320	0	صناعة المعكرونة والرشنة (برناتج المعكرونة) والكسبي والمنتجات النشوية المماثلة
1549	Manufacture of other food products n.e.c.	136	3,231	2,903	20,721	281,401	202,018	79,383	4,871	صنع منتجات الأغذية الأخرى غير المصنفة في موضع آخر
1551	Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials	14	189	153	1,010	9,293	5,949	3,344	-140	تقطير المشروبات الروحية وتكريرها وخطتها؛ إنتاج الكحول الأيثلي من مواد مخمرة
1552	Manufacture of wines	15	549	509	7,773	49,858	19,789	30,069	1,709	صنع الأبنية
1554	Manufacture of soft drinks; production of mineral waters	13	1,760	1,735	20,116	353,857	181,303	172,554	5,399	صناعة المشروبات المرطبة (غير الكحولية)؛ إنتاج المياه المعدنية
17	Textiles	77	1,420	1,253	8,847	66,556	42,498	24,058	1,978	صناعة المنسوجات
	% of total industries	1.9%	1.7%	1.7%	1.6%	1.0%	0.9%	1.2%	0.7%	النسبة من المجموع
1712	Finishing of textiles	8	122	106	408	2,981	1,903	1,079	-20	إنهاء تجهيز المنسوجات
1721	Manufacture of made-up textile articles, except apparel	21	441	392	3,212	22,549	13,640	8,909	1,527	صنع المنسوجات الجاهزة باستثناء الملابس
1722	Manufacture of carpets and rugs	4	182	170	1,386	14,306	9,980	4,325	143	صناعة البسط والسجاد

Table II-1.a : Main Economic Indicators in the Lebanese Industry by Economic Activity  
جدول II-1.a : أهم المؤشرات الاقتصادية للصناعة اللبنانية بحسب النشاط الاقتصادي

ISIC code	Economic Activity	Nb. of establish.	اليد العاملة Work-force*	عدد الإجراء Nb. of employees**	الرواتب والأجور Wages & Salaries*** (000\$)	الإنتاج Output (000\$)	المدخلات Input (000\$)	القيمة المضافة Value-added (000\$)	تكوين الراسمال الثابت G.F.C.F**** (000\$)	النشاط الاقتصادي
1729	Manufacture of other textiles n.e.c.	32	492	428	2,995	21,945	14,460	7,484	281	صنع أقمشة ومنسوجات غير مصنفة في موضع آخر
1730	Manufacture of knitted and crocheted fabrics and articles	12	183	157	846	4,776	2,515	2,261	48	صنع أقمشة وأصناف من التريكو والكروشيه
18	<b>Clothes and fur dyeing</b>	<b>210</b>	<b>3,965</b>	<b>3,579</b>	<b>18,361</b>	<b>115,968</b>	<b>69,387</b>	<b>46,581</b>	<b>4,755</b>	صنع الملابس، تهيئة وصنع القراء
	<b>% of total industries</b>	<b>5.2%</b>	<b>4.8%</b>	<b>4.8%</b>	<b>3.3%</b>	<b>1.7%</b>	<b>1.5%</b>	<b>2.3%</b>	<b>1.6%</b>	النسبة من المجموع
1810	Manufacture of wearing apparel, except fur apparel	210	3,965	3,579	18,361	115,968	69,387	46,581	4,755	صنع الملابس باستثناء الملابس القرائية
19	<b>Leather &amp; leather products</b>	<b>105</b>	<b>1,528</b>	<b>1,312</b>	<b>8,351</b>	<b>48,267</b>	<b>26,443</b>	<b>21,825</b>	<b>653</b>	ديج وتهيئة الجلود، صنع حثائب القراء
	<b>% of total industries</b>	<b>2.6%</b>	<b>1.8%</b>	<b>1.8%</b>	<b>1.5%</b>	<b>0.7%</b>	<b>0.6%</b>	<b>1.1%</b>	<b>0.2%</b>	النسبة من المجموع
1911	Tanning and dressing of leather	11	188	154	785	8,655	6,192	2,463	486	ديج وتهيئة الجلود
1912	Manufacture of luggage, handbags and the like, saddlery and harness	12	116	93	661	2,909	2,186	723	18	صنع حثائب الأمتعة وحقائب اليد وما شابه ذلك والسروج والأحذية
1920	Manufacture of footwear	82	1,225	1,066	6,906	36,703	18,064	18,639	148	صنع الأحذية
20	<b>Products of wood (except furniture)</b>	<b>87</b>	<b>1,398</b>	<b>1,251</b>	<b>7,332</b>	<b>65,447</b>	<b>35,582</b>	<b>29,866</b>	<b>2,993</b>	صناعة الخشب ومنتجاته (باستثناء الأثاث).
	<b>% of total industries</b>	<b>2.2%</b>	<b>1.7%</b>	<b>1.7%</b>	<b>1.3%</b>	<b>1.0%</b>	<b>0.8%</b>	<b>1.4%</b>	<b>1.0%</b>	النسبة من المجموع
	Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and boards	24	242	202	958	14,056	6,348	7,708	46	صنع صفيح من قشرة الخشب، صنع الخشب المصنّف والألواح المصنّفة والألواح الخبيبية وغير ذلك من ألواح الخشب
2021	Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and boards	24	242	202	958	14,056	6,348	7,708	46	صنع مصنوعات النجارة وقطع الأخشاب المعدّة للأبنية والمشات
2022	Manufacture of builders, carpentry and joinery	53	1,051	960	5,838	48,880	27,849	21,030	2,947	صنع منتجات خشبية أخرى؛ صنع أصناف من الفلين ومن القش ومواد الصفر
2029	Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials	10	106	90	537	2,512	1,384	1,127	0	صناعة الورق ومنتجاته .
21	<b>Pulp, paper &amp; paper products</b>	<b>82</b>	<b>4,213</b>	<b>3,892</b>	<b>35,490</b>	<b>399,714</b>	<b>303,711</b>	<b>96,003</b>	<b>19,756</b>	صناعة الورق ومنتجاته .
	<b>% of total industries</b>	<b>2.0%</b>	<b>5.1%</b>	<b>5.2%</b>	<b>6.5%</b>	<b>5.9%</b>	<b>6.4%</b>	<b>4.6%</b>	<b>6.7%</b>	النسبة من المجموع
2101	Manufacture of pulp, paper and paperboard	4	184	175	2,352	41,999	35,457	6,542	2,208	(صنع عجائن الورق والورق المعقّى (الكرتون
2102	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard	31	1,613	1,530	15,838	164,983	111,776	53,207	7,946	صنع الورق المعقّى والموج والأوعية المصنوعة من الورق المعقّى
2109	Manufacture of other articles of paper and paperboard	47	2,417	2,188	17,300	192,732	156,478	36,253	9,602	صنع أصناف أخرى من الورق والورق المعقّى
22	<b>Printed matter &amp; recorded media</b>	<b>211</b>	<b>5,510</b>	<b>5,075</b>	<b>44,258</b>	<b>275,906</b>	<b>161,256</b>	<b>114,649</b>	<b>25,855</b>	الطباعة، النشر والاستمساخ وسائط الإعلام
	<b>% of total industries</b>	<b>5.2%</b>	<b>6.7%</b>	<b>6.8%</b>	<b>8.1%</b>	<b>4.1%</b>	<b>3.4%</b>	<b>5.6%</b>	<b>8.7%</b>	النسبة من المجموع
2211	Publishing of books, brochures and other publications	3	100	89	561	6,126	3,492	2,634	19	نشر الكتب والنشرات وغير ذلك من المنشورات
2221	Printing	182	3,639	3,264	26,169	204,394	115,439	88,955	18,787	الطباعة

Table II-1.a : Main Economic Indicators in the Lebanese Industry by Economic Activity  
جدول II-1.a : أهم المؤشرات الاقتصادية للصناعة اللبنانية بحسب النشاط الاقتصادي

ISIC code	Economic Activity	Nb. of establish.	اليد العاملة Work-force*	عدد الإجراء Nb. of employees**	الرواتب والأجور Wages & Salaries*** (000\$)	الإنتاج Output (000\$)	المدخلات Input (000\$)	القيمة المضافة Value-added (000\$)	تكوين الراسمال الثابت G.F.C.F**** (000\$)	النشاط الاقتصادي
2222	Service activities related to printing	18	321	284	2,176	13,702	6,871	6,830	490	أنشطة الخدمات المتصلة بالطباعة
2230	Reproduction of recorded media	8	1,450	1,438	15,351	51,684	35,454	16,230	6,560	استنساخ وسائط الإعلام المسجلة
23	<b>Coke &amp; refined petroleum products</b>	<b>4</b>	<b>43</b>	<b>34</b>	<b>223</b>	<b>15,899</b>	<b>15,115</b>	<b>783</b>	<b>464</b>	صنع فحم الكوك والمنتجات النفطية المكررة
	<b>% of total industries</b>	<b>0.1%</b>	<b>0.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.2%</b>	<b>0.3%</b>	<b>0.0%</b>	<b>0.2%</b>	النسبة من المجموع
2320	Manufacture of refined petroleum products	4	43	34	223	15,899	15,115	783	464	صنع المنتجات النفطية المكررة
24	<b>Chemicals products &amp; man-made fibres</b>	<b>193</b>	<b>4,792</b>	<b>4,334</b>	<b>37,992</b>	<b>512,424</b>	<b>357,646</b>	<b>154,778</b>	<b>38,349</b>	صنع المواد والمنتجات الكيميائية
	<b>% of total industries</b>	<b>4.8%</b>	<b>5.8%</b>	<b>5.8%</b>	<b>6.9%</b>	<b>7.5%</b>	<b>7.6%</b>	<b>7.5%</b>	<b>12.9%</b>	النسبة من المجموع
2411	Manufacture of basic chemicals, except fertilizers and nitrogen compounds	3	58	56	628	16,008	12,842	3,166	106	صنع المواد الكيميائية الأساسية باستثناء الأسمدة والمركبات الأروية
2412	Manufacture of fertilizers and nitrogen compounds	4	228	221	5,022	126,366	80,454	45,912	694	صنع الأسمدة والمركبات الأروية
2413	Manufacture of plastics in primary forms and of synthetic rubber	5	57	48	365	3,327	2,285	1,042	18	صناعة اللدائن في أشكالها الأولية وصنع المطاط التركيبي
2422	Manufacture of paints, varnishes and similar coatings, printing ink and mastics	57	1,060	909	6,696	104,362	81,464	22,898	1,468	صناعة الدهانات والورنيشات والطلاءات المائلة والبريق وأحبار الطباعة والمصطقات
2423	Manufacture of pharmaceuticals, medicinal chemicals and botanical products	13	726	699	7,299	52,074	29,725	22,350	4,651	صنع المستحضرات الصيدلانية والكيمياء الحيوية والمنتجات النباتية
2424	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	65	1,615	1,463	10,586	115,928	79,923	36,004	28,907	صنع الصابون والمطهرات، ومستحضرات التنظيف والتلميع، والمطور ومستحضرات التجميل
2429	Manufacture of other chemical products n.e.c.	35	877	791	6,712	87,904	67,599	20,305	1,728	صنع المنتجات الكيميائية الأخرى غير المصنفة في موضع آخر
2430	Manufacture of man-made fibres	11	173	149	684	6,455	3,354	3,101	777	صنع الألياف الاصطناعية
25	<b>Rubber &amp; plastic products</b>	<b>168</b>	<b>3,692</b>	<b>3,315</b>	<b>21,058</b>	<b>322,622</b>	<b>253,596</b>	<b>69,026</b>	<b>9,760</b>	صنع منتجات اللدائن
	<b>% of total industries</b>	<b>4.17%</b>	<b>4.46%</b>	<b>4.44%</b>	<b>3.84%</b>	<b>4.74%</b>	<b>5.36%</b>	<b>3.34%</b>	<b>3.30%</b>	النسبة من المجموع
2519	Manufacture of other rubber products	9	127	106	584	4,031	2,786	1,245	5	صنع المنتجات المطاطية الأخرى
2520	Manufacture of plastics products	159	3,565	3,209	20,474	318,591	250,810	67,781	9,755	صنع المنتجات اللدائنية
26	<b>Other non-metallic mineral products</b>	<b>609</b>	<b>10,996</b>	<b>9,824</b>	<b>77,373</b>	<b>797,109</b>	<b>511,562</b>	<b>285,547</b>	<b>98,845</b>	صنع منتجات المعادن اللافلزية الأخرى
	<b>% of total industries</b>	<b>15.1%</b>	<b>13.3%</b>	<b>13.1%</b>	<b>14.1%</b>	<b>11.7%</b>	<b>10.8%</b>	<b>13.8%</b>	<b>33.4%</b>	النسبة من المجموع
2610	Manufacture of glass and glass products	39	1,469	1,398	9,172	80,093	43,802	36,291	421	صنع الزجاج والمنتجات الزجاجية
2693	Manufacture of structural non-refractory clay and ceramic products	35	1,223	1,087	7,732	41,327	27,317	14,010	693	صنع المنتجات الطغلية الإنشائية غير الحرارية والمنتجات الخزفية
2694	Manufacture of cement, lime and plaster	6	1,333	1,326	22,425	351,810	219,992	131,817	90,587	صناعة الأسمنت والكلس والجص
2695	Manufacture of articles of concrete, cement and plaster	89	1,817	1,653	12,176	143,449	108,967	34,482	2,461	صنع الأصناف المنتجة من الخرسانة والأسمنت والجص
2696	Cutting, shaping and finishing of stone	440	5,155	4,361	25,869	180,430	111,484	68,947	4,683	قطع الأحجار وتشكيلها وإتمام تجهيزها



Table II-1.a : Main Economic Indicators in the Lebanese Industry by Economic Activity  
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ISIC code	Economic Activity	عدد المصانع Nb. of establish.	اليد العاملة Work- force*	عدد الإجراء Nb. of em- ployees**	الرواتب والأجور Wages & Salaries*** (000\$)	الإنتاج Output (000\$)	المدخلات Input (000\$)	القيمة المضافة Value-added (000\$)	تكوين الراسم الثابت G.F.C.F**** (000\$)	النشاط الاقتصادي
27	Basic metals	10	809	758	4,264	91,349	66,090	25,259	1,997	(صناعة الفلزات القاعدية)(الاسمية)
	% of total industries	0.2%	1.0%	1.0%	0.8%	1.3%	1.4%	1.2%	0.7%	النسبة من المجموع
2710	Manufacture of basic iron and steel	7	757	713	3,993	85,927	62,192	23,735	1,538	صنع الحديد والصلب القاعيين
2731	Castling of iron and steel	3	52	45	272	5,422	3,897	1,524	459	صنع الحديد والصلب
28	Metal products	558	8,054	7,123	51,334	742,708	577,553	165,155	20,806	صنع منتجات المعادن المشغلة باستثناء المكينات
	% of total industries	13.8%	9.7%	9.5%	9.4%	10.9%	12.2%	8.0%	7.0%	النسبة من المجموع
2811	Manufacture of structural metal products	305	4,601	4,099	27,392	502,466	411,835	90,631	9,110	صنع المنتجات المعدنية الإنشائية
2812	Manufacture of tanks, reservoirs and containers of metal	56	627	543	2,965	29,407	14,804	14,603	257	صنع الصهاريج والخزانات والأوعية من المعادن
2891	Forging, pressing, stamping and roll-forming of metal; powder metallurgy	22	294	260	1,642	10,546	7,340	3,205	46	تشكيل المعادن بالطرق والكبس والصبك والذائقة؛ ميتالورجيا المساحيق
2892	Treatment and coating of metals; general mechanical engineering on a fee or contract basis	80	606	494	3,839	54,679	44,256	10,423	1,475	معالجة وطلاء المعادن، الهندسة الميكانيكية العامة نظير رسم أو على أساس عقد
2893	Manufacture of cutlery, hand tools and general hardware	9	72	55	417	1,838	1,015	823	0	صنع أدوات القطع، ولعدد اليدوية والأدوات المعدنية العامة
2899	Manufacture of other fabricated metal products n.e.c.	86	1,856	1,674	15,080	143,772	98,302	45,471	9,917	صنع منتجات المعادن المشغلة الأخرى غير المصنفة في موضع آخر
29	Machinery & equipment n.e.c.	105	2,122	1,917	15,495	206,129	157,958	48,171	3,677	صنع الآلات والمعدات غير المصنفة في مكان آخر
	% of total industries	2.6%	2.6%	2.6%	2.8%	3.0%	3.3%	2.3%	1.2%	النسبة من المجموع
2912	Manufacture of pumps, compressors, taps and valves	4	55	46	371	17,187	14,535	2,651	-252	صنع المضخات والضواغط والحففيات والصمامات
2914	Manufacture of ovens, furnaces and furnace burners	16	292	262	1,599	12,764	8,951	3,813	100	صنع الأفران وأفران الصهر وموقد أفران الصهر
2919	Manufacture of other general-purpose machinery	2	28	24	151	1,158	543	615	32	صنع الآلات المتعددة الأغراض الأخرى
2925	Manufacture of machinery for food, beverage and tobacco processing	12	181	163	779	10,420	5,835	4,585	77	صنع آلات تجهيز الأغذية والمشروبات والتبغ
2927	Manufacture of weapons and ammunition	5	100	84	486	36,661	30,294	6,367	23	صنع الأسلحة والذخائر
2929	Manufacture of other special-purpose machinery	54	1,011	908	8,657	74,931	51,801	23,130	2,765	صنع الآلات المتخصصة الأغراض الأخرى
2930	Manufacture of domestic appliances n.e.c.	12	456	431	3,453	53,007	45,998	7,009	932	صناعة الأجهزة المنزلية غير المصنفة في موضع آخر
30	Manufacture of office, accounting and computing machinery	3	38	28	242	1,723	1,242	482	7	صنع آلات المكاتب والمحاسبة وآلات الحساب الإلكتروني
	% of total industries	0.07%	0.05%	0.04%	0.04%	0.03%	0.03%	0.02%	0.00%	النسبة من المجموع
3000	Manufacture of office, accounting and computing machinery	3	38	28	242	1,723	1,242	482	7	صنع آلات المكاتب والمحاسبة وآلات الحساب الإلكتروني
31	Electrical machinery & apparatus n.e.c.	83	3,182	2,994	24,611	719,354	522,750	196,604	13,961	صنع الآلات و الأجهزة الكهربائية غير المصنفة في مكان آخر

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ISIC code	Economic Activity	عدد المصانع Nb. of establish.	اليد العاملة Work- force*	عدد الإجراء Nb. of em- ployees**	الرواتب والأجور Wages & Salaries*** (000\$)	الإنتاج Output (000\$)	المدخلات Input (000\$)	القيمة المضافة Value-added (000\$)	تكوين الراسم الثابت G.F.C.F**** (000\$)	النشاط الاقتصادي
	% of total industries	2.1%	3.8%	4.0%	4.5%	10.6%	11.0%	9.5%	4.7%	النسبة من المجموع
3110	Manufacture of electric motors, generators and transformers	27	1,431	1,365	9,090	514,739	369,613	145,127	9,740	صنع المحركات والمولدات والمحولات الكهربائية
3120	Manufacture of electricity distribution and control apparatus	12	182	153	1,311	13,241	9,222	4,019	396	صنع أجهزة توزيع الكهرباء والتحكم فيها
3150	Manufacture of electric lamps and lighting equipment	22	390	339	3,280	24,207	15,389	8,818	800	صنع المصابيح الكهربائية ومعدات الإضاءة
3190	Manufacture of other electrical equipment n.e.c.	22	1,180	1,138	10,931	167,167	128,527	38,640	3,025	صنع المعدات الكهربائية الأخرى غير المصنفة في موضع آخر
33	Manufacture of medical, precision and optical instruments, watches and clocks	9	232	213	1,193	5,827	3,487	2,339	758	صنع الأجهزة الطبية وأدوات القياس عالية الدقة والآلات البصرية والساعات بأنواعها
	% of total industries	0.2%	0.3%	0.3%	0.2%	0.1%	0.1%	0.1%	0.3%	النسبة من المجموع
3311	Manufacture of medical and surgical equipment and orthopaedic appliances	9	232	213	1,193	5,827	3,487	2,339	758	صنع المعدات الطبية والجراحية وأجهزة تقويم الأضراس
34	Motor vehicles, trailers and semi-trailers	7	103	90	593	5,507	3,657	1,850	297	صنع المركبات ذات المحركات المغطورة.
	% of total industries	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	النسبة من المجموع
3430	Manufacture of parts and accessories for motor vehicles and their engines	7	103	90	593	5,507	3,657	1,850	297	صنع أجزاء وتوابع لمركبات ذات المحركات
36	Furniture & other manufactured goods n.e.c.	730	9,136	7,927	52,007	453,903	266,771	187,133	7,833	صنع الأثاث، صنع متروجات غير مصنفة في مكان آخر .
	% of total industries	18.1%	11.0%	10.6%	9.5%	6.7%	5.6%	9.1%	2.6%	النسبة من المجموع
3610	Manufacture of furniture	650	7,832	6,790	43,149	283,256	155,281	127,975	6,908	صنع الأثاث
3691	Manufacture of jewellery and related articles	66	1,167	1,022	8,093	165,740	107,869	57,870	884	صنع المجوهرات والأصناف المتصلة بها
3699	Other manufacturing n.e.c.	14	138	116	765	4,907	3,620	1,287	41	صنع منتجات أخرى غير مصنفة في موضع آخر
40	Electricity, gas, steam and hot water supply	26	622	575	5,698	194,979	160,234	34,745	2,163	صنع غاز الاستنصباح؛ توزيع أنواع الوقود الغازية عن طريق مواسير رئيسية
	% of total industries	0.6%	0.8%	0.8%	1.0%	2.9%	3.4%	1.7%	0.7%	النسبة من المجموع
4020	Manufacture of gas; distribution of gaseous fuels through mains	26	622	575	5,698	194,979	160,234	34,745	2,163	صنع غاز الاستنصباح؛ توزيع أنواع الوقود الغازية عن طريق مواسير رئيسية
41	Collection, purification and distribution of water	11	282	253	1,123	7,114	4,924	2,190	129	جمع وتنقية وتوزيع المياه
	% of total industries	0.3%	0.3%	0.3%	0.2%	0.1%	0.1%	0.1%	0.0%	النسبة من المجموع
4100	Collection, purification and distribution of water	11	282	253	1,123	7,114	4,924	2,190	129	جمع وتنقية وتوزيع المياه
	Total Industries	4,033	82,843	74,743	548,203	6,800,292	4,735,290	2,065,002	296,140	المجموع العام

\*Owners, family members, outworkers, employees and seasonal workers

\*\*Outworkers, employees and seasonal workers

\*\*\*Wages and salaries including social charges

\*\*\*\*Gross fixed capital formation

Table II-1.b : Main Economic Indicators in the Lebanese Industry by Economic Activity and Size of Establishment

جدول II-1.ب : أهم المؤشرات الاقتصادية للصناعة اللبنانية بحسب النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	اليد العاملة Workforce*	عدد الإجراء Nb. of employees**	الرواتب والأجور Wages & Salaries*** (000\$)	الإنتاج Output (000\$)	النفقات Input (000\$)	القيمة المضافة Value Added (000\$)	تكوين الرأسمال الثابت G.F.C.F**** (000\$)	النشاط الاقتصادي
14	Other mining & quarrying products	30	26	178	1,021	486	535	0	أنشطة أخرى للتعدين واستغلال المحاجر
15	Food products & beverages	2,125	1,577	7,799	110,629	86,936	23,693	678	صنع المنتجات الغذائية والمشروبات
17	Textiles	219	167	954	7,070	4,530	2,540	42	صناعة المنسوجات
18	Clothes & dyeing fur	623	500	2,536	14,011	8,803	5,207	104	صنع الملابس، تهيئة وصنع القراء
19	Leather & leather products	362	282	1,597	11,755	7,022	4,734	57	دبغ وتهيئة الجلود، صنع حقائب القراء
20	Wood products (except furniture)	362	290	1,752	11,943	7,831	4,112	20	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	159	115	665	10,088	6,325	3,763	664	صناعة الورق ومنتجاته
22	Printed matter & recorded media	613	445	2,539	16,314	10,103	6,211	764	الطباعة، النشر والاستمناسخ ووسائط الإعلام
23	Coke & refined petroleum products	6	1	3	136	81	55	0	صنع فحم الكوك ومنتجات النفطية المكررة
24	Chemicals & man-made fibres	563	424	2,394	38,834	29,458	9,376	981	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products	484	350	2,049	28,712	20,970	7,742	526	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	2,035	1,578	9,314	65,341	41,321	24,021	511	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	21	13	83	3,107	2,356	750	0	صناعة الفلزات القاعدية
28	Fabricated metal products	2,400	1,889	11,962	77,420	49,497	27,922	3,614	صنع منتجات المعادن المشكلة باستثناء المكينيات
29	Machinery and equipment	310	246	1,604	16,118	11,817	4,301	581	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	168	121	949	6,547	3,242	3,305	223	صنع الآلات والأجهزة الكهربية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	20	16	83	668	430	238	0	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	13	9	68	316	189	128	0	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c.	3,120	2,447	15,397	87,004	47,133	39,871	340	صنع الأثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	97	76	402	6,860	5,424	1,436	-15	صنع غاز الاستمناسخ؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	16	12	44	403	247	156	0	جمع وتنقية وتوزيع المياه
	<b>5-9 workers</b>	<b>13,742</b>	<b>10,580</b>	<b>62,373</b>	<b>514,298</b>	<b>344,203</b>	<b>170,095</b>	<b>9,093</b>	<b>9-5 عمال</b>
	<b>% of total industries</b>	<b>16.6%</b>	<b>14.2%</b>	<b>11.4%</b>	<b>7.6%</b>	<b>7.3%</b>	<b>8.2%</b>	<b>3.1%</b>	<b>النسبة من المجموع</b>
14	Other mining & quarrying products	72	58	545	2,313	1,007	1,306	0	أنشطة أخرى للتعدين واستغلال المحاجر
15	Food products & beverages	3,000	2,494	12,749	178,165	137,327	40,838	1,943	صنع المنتجات الغذائية والمشروبات
17	Textiles	340	280	1,690	12,542	7,632	4,910	-105	صناعة المنسوجات
18	Clothes & dyeing fur	674	571	2,785	16,042	8,555	7,487	157	صنع الملابس، تهيئة وصنع القراء

Table II-1.b : Main Economic Indicators in the Lebanese Industry by Economic Activity and Size of Establishment

جدول II-1.ب : أهم المؤشرات الاقتصادية للصناعة اللبنانية بحسب النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	اليد العاملة Workforce*	عدد الإجراء Nb. of employees**	الرواتب والأجور Wages & Salaries*** (000\$)	الإنتاج Output (000\$)	النفقات Input (000\$)	القيمة المضافة Value Added (000\$)	تكوين الرأسمال الثابت G.F.C.F**** (000\$)	النشاط الاقتصادي
19	Leather & leather products	436	349	2,243	11,188	5,430	5,758	93	دبغ وتهيئة الجلود، صنع حقائب القراء
20	Wood products (except furniture)	207	176	982	9,340	5,512	3,828	232	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	352	286	1,807	22,662	17,026	5,635	870	صناعة الورق ومنتجاته
22	Printed matter & recorded media	855	715	4,868	33,023	21,932	11,091	1,545	الطباعة، النشر والاستمناسخ ووسائط الإعلام
23	Coke & refined petroleum products	37	33	220	15,763	15,034	729	464	صنع فحم الكوك ومنتجات النفطية المكررة
24	Chemicals & man-made fibres	630	514	3,474	39,338	27,879	11,459	1,367	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products	563	468	3,297	61,914	48,015	13,899	1,685	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	2,874	2,443	13,591	107,884	70,016	37,868	2,163	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	17	14	97	2,552	1,843	709	100	صناعة الفلزات القاعدية
28	Fabricated metal products	1,160	984	6,070	76,987	56,806	20,181	1,492	صنع منتجات المعادن المشكلة باستثناء المكينيات
29	Machinery and equipment	455	370	2,423	55,735	44,786	10,949	-122	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery	38	28	242	1,723	1,242	482	7	صنع آلات المكاتب والمحاسبة وآلات الحساب الإلكتروني
31	Electrical machinery and apparatus	269	222	1,708	30,798	22,242	8,556	246	صنع الآلات والأجهزة الكهربية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	30	23	224	1,027	646	381	0	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	24	22	128	885	447	438	0	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c.	1,951	1,648	10,940	91,976	47,155	44,821	1,656	صنع الأثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	42	26	143	1,297	843	454	0	صنع غاز الاستمناسخ؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	70	58	200	1,642	1,103	539	31	جمع وتنقية وتوزيع المياه
	<b>10-19 workers</b>	<b>14,090</b>	<b>11,776</b>	<b>70,425</b>	<b>774,796</b>	<b>542,478</b>	<b>232,317</b>	<b>13,821</b>	<b>19-10 عامل</b>
	<b>% of total industries</b>	<b>17.0%</b>	<b>15.8%</b>	<b>12.8%</b>	<b>11.4%</b>	<b>11.5%</b>	<b>11.3%</b>	<b>4.7%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages	2,318	2,043	11,247	221,585	176,457	45,128	7,035	صنع المنتجات الغذائية والمشروبات
17	Textiles	201	179	871	5,664	3,240	2,424	39	صناعة المنسوجات
18	Clothes & dyeing fur	1,179	1,082	6,038	44,265	28,981	15,284	1,886	صنع الملابس، تهيئة وصنع القراء
19	Leather & leather products	347	316	1,772	10,557	6,043	4,515	102	دبغ وتهيئة الجلود، صنع حقائب القراء
20	Wood products (except furniture)	184	167	780	13,356	6,753	6,603	1,279	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	256	232	1,233	31,451	26,578	4,873	445	صناعة الورق ومنتجاته
22	Printed matter & recorded media	623	576	4,365	30,139	16,824	13,316	4,028	الطباعة، النشر والاستمناسخ ووسائط الإعلام



Table II-1.b : Main Economic Indicators in the Lebanese Industry by Economic Activity and Size of Establishment  
جدول II-1.b : أهم المؤشرات الاقتصادية للصناعة اللبنانية بحسب النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	اليد العاملة Workforce*	عدد الإجراء Nb. of employees**	الرواتب والأجور Wages & Salaries*** (000\$)	الإنتاج Output (000\$)	النفقات Input (000\$)	إجمالي القيمة المضافة Value Added (000\$)	تكوين الراسم الثابت G.F.C.F**** (000\$)	النشاط الاقتصادي
24	Chemicals & man-made fibres	937	843	6,789	115,870	85,569	30,300	2,374	صنع المواد والمنسجات الكيميائية
25	Rubber & plastic products	532	479	2,780	69,590	56,684	12,906	2,048	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	1,303	1,168	7,040	70,581	47,404	23,176	1,371	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	28	25	152	1,729	1,072	657	359	صناعة الفلزات القاعدية
28	Fabricated metal products	1,255	1,129	8,948	126,945	97,002	29,944	2,611	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment	396	364	2,660	43,985	31,215	12,770	1,966	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	538	482	3,584	113,265	88,810	24,455	1,250	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	52	48	216	1,674	902	771	758	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	66	59	397	4,306	3,021	1,285	297	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c.	1,178	1,053	6,030	59,274	39,708	19,566	1,190	صنع الأثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	23	22	118	5,586	5,341	245	0	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	55	48	255	1,677	1,251	426	3	جمع وتنقية وتوزيع المياه
	<b>20-34 workers</b>	<b>11,466</b>	<b>10,310</b>	<b>65,276</b>	<b>971,500</b>	<b>722,856</b>	<b>248,644</b>	<b>29,041</b>	<b>عامل 34-20</b>
	<b>% of total industries</b>	<b>13.8%</b>	<b>13.8%</b>	<b>11.9%</b>	<b>14.3%</b>	<b>15.3%</b>	<b>12.0%</b>	<b>9.8%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages	1,283	1,193	5,342	80,772	60,764	20,007	1,964	صنع المنتجات الغذائية والمشروبات
17	Textiles	272	249	1,268	15,706	11,378	4,328	236	صناعة المنسوجات
18	Clothes & dyeing fur	464	436	2,150	13,250	9,309	3,942	275	صنع الملابس، تهيئة وصنع القراء
19	Leather & leather products	222	208	1,123	8,112	4,667	3,445	386	دبغ وتهيئة الجلود، صنع حقائب القراء
20	Wood products (except furniture)	128	118	662	17,008	9,327	7,681	723	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	291	278	2,415	29,302	21,737	7,565	503	صناعة الورق ومنتجاته
22	Printed matter & recorded media	300	281	2,856	19,616	10,630	8,985	397	الطباعة، النشر والانتسخ ووسائط الإعلام
24	Chemicals & man-made fibres	334	315	2,883	28,154	20,916	7,238	1,329	صنع المواد والمنسجات الكيميائية
25	Rubber & plastic products	419	382	1,817	21,264	13,399	7,864	25	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	442	421	2,628	23,127	16,234	6,893	1,744	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	128	94	696	63,200	50,806	12,394	1,497	صناعة الفلزات القاعدية
28	Fabricated metal products	521	487	3,386	37,109	25,903	11,207	262	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment	83	76	526	2,152	1,440	711	0	صنع الآلات والمعدات غير المصنفة في مكان آخر

Table II-1.b : Main Economic Indicators in the Lebanese Industry by Economic Activity and Size of Establishment  
جدول II-1.b : أهم المؤشرات الاقتصادية للصناعة اللبنانية بحسب النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	اليد العاملة Workforce*	عدد الإجراء Nb. of employees**	الرواتب والأجور Wages & Salaries*** (000\$)	الإنتاج Output (000\$)	النفقات Input (000\$)	إجمالي القيمة المضافة Value Added (000\$)	تكوين الراسم الثابت G.F.C.F**** (000\$)	النشاط الاقتصادي
31	Electrical machinery and apparatus	130	121	746	5,282	3,642	1,640	87	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	45	41	357	2,086	1,307	779	0	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
36	Furniture & other manufactured goods n.e.c.	817	772	5,346	36,349	23,301	13,048	784	صنع الأثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	118	114	1,152	100,705	94,149	6,556	1,569	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	47	46	373	1,634	1,294	340	96	جمع وتنقية وتوزيع المياه
	<b>35-49 workers</b>	<b>6,042</b>	<b>5,630</b>	<b>35,727</b>	<b>504,827</b>	<b>380,202</b>	<b>124,624</b>	<b>11,879</b>	<b>النسبة من المجموع</b>
	<b>% of total industries</b>	<b>7.3%</b>	<b>7.5%</b>	<b>6.5%</b>	<b>7.4%</b>	<b>8.0%</b>	<b>6.0%</b>	<b>4.0%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages	2,693	2,568	17,253	238,655	175,447	63,207	11,190	صنع المنتجات الغذائية والمشروبات
17	Textiles	57	54	595	6,761	4,755	2,006	210	صناعة المنسوجات
18	Clothes & dyeing fur	633	614	2,830	18,756	10,204	8,552	2,111	صنع الملابس، تهيئة وصنع القراء
19	Leather & leather products	50	48	229	2,476	1,529	947	0	دبغ وتهيئة الجلود، صنع حقائب القراء
20	Wood products (except furniture)	71	71	306	2,647	1,214	1,433	0	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	568	550	3,531	76,597	59,126	17,471	1,300	صناعة الورق ومنتجاته
22	Printed matter & recorded media	758	726	7,688	58,198	34,171	24,027	2,802	الطباعة، النشر والانتسخ ووسائط الإعلام
24	Chemicals & man-made fibres	1,068	1,013	7,896	106,284	78,708	27,576	1,827	صنع المواد والمنسجات الكيميائية
25	Rubber & plastic products	717	684	4,531	57,030	48,669	8,361	2,810	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	847	812	6,569	70,060	51,509	18,550	1,239	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	98	95	458	4,784	4,810	-26	0	صناعة الفلزات القاعدية
28	Fabricated metal products	1,302	1,247	11,676	171,446	134,131	37,315	10,428	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment	334	326	3,079	24,837	16,991	7,846	61	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	428	415	3,184	51,670	42,246	9,424	836	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	85	85	314	371	202	169	0	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
36	Furniture & other manufactured goods n.e.c.	1,292	1,242	8,333	141,167	84,469	56,698	3,891	صنع الأثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	58	57	396	3,491	1,433	2,058	0	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية



Table II-1.b : Main Economic Indicators in the Lebanese Industry by Economic Activity and Size of Establishment  
جدول II-1.b : أهم المؤشرات الاقتصادية للصناعة اللبنانية بحسب النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	اليد العاملة Workforce*	عدد الإجراء Nb. of employees**	الرواتب والأجور Wages & Salaries*** (000\$)	الإنتاج Output (000\$)	التفقات Input (000\$)	إجمالي القيمة المضافة Value Added (000\$)	تكوين الرأسمال الثابت G.F.C.F**** (000\$)	النشاط الاقتصادي
41	Collection, purification and distribution of water	95	90	252	1,757	1,028	729	0	جمع وتنقية وتوزيع المياه
	<b>50-99 workers</b>	<b>11,153</b>	<b>10,696</b>	<b>79,121</b>	<b>1,036,987</b>	<b>750,642</b>	<b>286,345</b>	<b>38,706</b>	<b>عامل 99-50</b>
	<b>% of total industries</b>	<b>13.5%</b>	<b>14.3%</b>	<b>14.4%</b>	<b>15.2%</b>	<b>15.9%</b>	<b>13.9%</b>	<b>13.1%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages	4,797	4,682	38,045	410,287	266,240	144,047	14,221	صنع المنتجات الغذائية والمشروبات
17	Textiles	332	325	3,468	18,814	10,963	7,851	1,556	صناعة المنسوجات
18	Clothes & dyeing fur	100	96	597	1,433	466	967	0	صنع الملابس، تهيئة وصنع القراء
19	Leather & leather products	113	111	1,387	4,179	1,753	2,426	15	ديغ وتهيئة الجلود، صنع حقائب القراء
20	Wood products (except furniture)	141	139	960	2,995	1,562	1,434	337	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	502	479	4,811	40,530	25,968	14,562	3,878	صناعة الورق ومنتجاته
22	Printed matter & recorded media	1,045	1,018	7,407	73,837	38,023	35,815	10,358	الطباعة، النشر والاستمساخ ووسائط الإعلام
24	Chemicals & man-made fibres	892	877	12,730	171,539	107,444	64,095	29,786	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products	722	697	4,136	47,930	30,713	17,217	2,284	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	863	848	10,948	190,607	126,170	64,438	17,869	صنع منتجات المعادن اللافلزية الأخرى
28	Fabricated metal products	947	918	4,711	191,515	164,822	26,693	2,045	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment	256	251	3,003	23,617	14,756	8,861	348	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	931	917	6,895	225,789	189,826	35,963	2,200	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
36	Furniture & other manufactured goods n.e.c.	779	766	5,961	38,132	25,004	13,128	-27	صنع الأثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	284	280	3,487	77,041	53,044	23,996	609	صنع غاز الاستمساخ؛ توزيع أنواع الوقود الغازية
	<b>100-249 workers</b>	<b>12,702</b>	<b>12,402</b>	<b>108,544</b>	<b>1,518,247</b>	<b>1,056,754</b>	<b>461,493</b>	<b>85,478</b>	<b>عامل 249-100</b>
	<b>% of total industries</b>	<b>15.34%</b>	<b>16.59%</b>	<b>19.80%</b>	<b>22.33%</b>	<b>22.32%</b>	<b>22.35%</b>	<b>28.86%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages	4,392	4,359	39,198	508,360	289,165	219,196	4,073	صنع المنتجات الغذائية والمشروبات
18	Clothes & dyeing fur	292	280	1,424	8,211	3,070	5,141	220	صنع الملابس، تهيئة وصنع القراء
20	Wood products (except furniture)	293	292	1,890	8,157	3,382	4,775	403	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	2,086	1,953	21,028	189,085	146,950	42,134	12,095	صناعة الورق ومنتجاته
22	Printed matter & recorded media	1,316	1,314	14,535	44,778	29,574	15,204	5,962	الطباعة، النشر والاستمساخ ووسائط الإعلام

Table II-1.b : Main Economic Indicators in the Lebanese Industry by Economic Activity and Size of Establishment  
جدول II-1.b : أهم المؤشرات الاقتصادية للصناعة اللبنانية بحسب النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	اليد العاملة Workforce*	عدد الإجراء Nb. of employees**	الرواتب والأجور Wages & Salaries*** (000\$)	الإنتاج Output (000\$)	التفقات Input (000\$)	إجمالي القيمة المضافة Value Added (000\$)	تكوين الرأسمال الثابت G.F.C.F**** (000\$)	النشاط الاقتصادي
24	Chemicals & man-made fibres	370	350	1,826	12,406	7,672	4,734	685	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products	257	257	2,448	36,182	35,145	1,037	382	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	2,634	2,556	27,283	269,509	158,907	110,602	73,947	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	517	517	2,778	15,977	5,202	10,775	40	صناعة الفلزات القاعدية
28	Fabricated metal products	470	470	4,582	61,286	49,392	11,894	355	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment	289	285	2,201	39,685	36,954	2,732	842	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	719	717	7,544	286,002	172,741	113,260	9,118	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
	<b>≥ 250 workers</b>	<b>13,635</b>	<b>13,350</b>	<b>126,737</b>	<b>1,479,638</b>	<b>938,155</b>	<b>541,483</b>	<b>108,122</b>	<b>أكثر من 250 عامل</b>
	<b>% of total industries</b>	<b>16.5%</b>	<b>17.9%</b>	<b>23.1%</b>	<b>21.8%</b>	<b>19.8%</b>	<b>26.2%</b>	<b>36.5%</b>	<b>النسبة من المجموع</b>
	<b>Total Industries</b>	<b>82,829</b>	<b>74,743</b>	<b>548,203</b>	<b>6,800,292</b>	<b>4,735,290</b>	<b>2,065,002</b>	<b>296,140</b>	<b>المجموع العام</b>

\*Owners, family members, outworkers, employees and seasonal workers

\*\*Outworkers, employees and seasonal workers

\*\*\*Wages and salaries including social charges

\*\*\*\*Gross fixed capital formation

\*أصحاب العمل، أفراد العائلة والأجراء الدائمون

\*\*الأجراء الدائمون

\*\*\*الأجور والتفقات بما فيها الإحيا الاجتماعية

\*\*\*\*الأجور والتفقات بما فيها الإحيا الاجتماعية

Table II-1.c :Main Economic Indicators in the Lebanese Industry by Region  
جدول II-1. c : أهم المؤشرات الاقتصادية للصناعة اللبنانية بحسب المحافظات

Mohafaza	Nb. of establish	اليد العاملة Workforce*	عدد الإجراء Nb. of employees**	الرواتب والأجور Wages & Salaries*** (000\$)	الإنتاج Output (000\$)	المدخلات Input (000\$)	القيمة المضافة Value Added (000\$)	إجمالي التكوين G.F.C.F**** (000\$)	المحافظة
Beirut	239	4,509	3,999	28,160	492,719	385,434	107,285	18,367	بيروت
% of total	5.9%	5.4%	5.3%	5.1%	7.2%	8.1%	5.2%	6.2%	
Mount Lebanon	2,010	50,422	46,303	372,205	4,454,395	3,068,572	1,385,823	135,025	جبل لبنان
% of total	49.8%	60.9%	61.9%	67.9%	65.5%	64.8%	67.1%	45.6%	
North Lebanon	518	8,677	7,811	59,658	790,777	522,084	268,693	127,341	لبنان الشمالي
% of total	12.8%	10.5%	10.5%	10.9%	11.6%	11.0%	13.0%	43.0%	
Bekaa	744	13,149	11,522	60,302	679,913	483,552	196,361	11,625	البقاع
% of total	18.4%	15.9%	15.4%	11.0%	10.0%	10.2%	9.5%	3.9%	
South Lebanon	420	4,846	4,057	23,060	323,046	234,758	88,288	2,750	لبنان الجنوبي
% of total	10.4%	5.8%	5.4%	4.2%	4.8%	5.0%	4.3%	0.9%	
Nabatiyeh	102	1,241	1,052	4,818	59,441	40,889	18,552	1,032	النبطية
% of total	2.5%	1.5%	1.4%	0.9%	0.9%	0.9%	0.9%	0.3%	
<b>Total</b>	<b>4,033</b>	<b>82,843</b>	<b>74,743</b>	<b>548,203</b>	<b>6,800,292</b>	<b>4,735,290</b>	<b>2,065,002</b>	<b>296,140</b>	<b>المجموع</b>

\*Owners, outworkers, employees and seasonal workers

\*\*Outworkers, employees and seasonal workers

\*\*\*Wages and salaries including social charges

\*\*\*\*Gross fixed capital formation

\*أصحاب العمل، الإجراء الدائمون، العمال الموسميون والعاملون في منازلهم

\*\*الإجراء الدائمون

\*\*\*الأجور والتكاليف بما فيها الإعباء الاجتماعية

\*\*\*\*الأجور والتكاليف بما فيها الإعباء الاجتماعية

Table II-2.a: Distribution of the Workforce by Gender, Category and Economic Activity  
جدول II-2.a: توزيع اليد العاملة بحسب الجنس، فئة العاملين والنشاط الاقتصادي

ISIC code	Economic Activity		مجموع اليد العاملة Total Workforce		أصحاب المؤسسة العاملين فيها Owners		الأجراء* Employees		العاملون الموسميون Seasonal workers		النشاط الاقتصادي
	الناتج	الناتج	الناتج	الناتج	الناتج	الناتج	الناتج	الناتج	الناتج		
14	0	102	102	0	18	18	84	84	0	0	النشطة اخرى للتعددين واستغلال المحاجر
15	4,674	15,933	20,607	252	1,440	1,692	4,108	13,619	314	874	صنع المنتجات الغذائية والمشروبات
17	530	890	1,420	23	144	167	487	1,180	20	53	صناعة المنسوجات
18	2,007	1,958	3,965	64	322	386	1,875	1,568	68	136	صنع الملابس، نهيئة وصنع الفراء
19	190	1,339	1,528	27	189	216	159	1,123	4	27	دبغ وتهيئة الجلود، صنع حقائب الفراء
20	79	1,319	1,398	11	136	147	68	1,019	0	164	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	957	3,256	4,213	63	258	321	823	2,861	71	137	صناعة الورق ومنتجاته
22	992	4,518	5,510	59	376	435	923	4,021	10	121	الطباعة، النشر والاستنساخ ووسائل الإعلام
23	3	40	43	1	8	9	2	28	30	4	صنع فحم الكوك والمنتجات النفطية المكررة
24	1,173	3,619	4,792	68	390	458	1,095	3,119	10	110	صنع المواد والمنتجات الكيماوية
25	521	3,172	3,692	55	322	377	430	2,667	36	183	صنع منتجات المطاط واللدائن
26	558	10,438	10,996	66	1,106	1,172	492	8,773	0	559	صنع منتجات المعادن اللافلزية الأخرى
27	37	772	809	7	44	51	30	298	0	430	صناعة الفلزات القاعدية
28	698	7,357	8,054	71	860	931	546	6,046	81	451	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	149	1,973	2,122	15	190	205	133	1,666	1	117	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	7	31	38	3	7	10	4	24	0	0	صنع آلات المكاتب والمحاسبة وآلات الحساب الإلكتروني
31	405	2,777	3,182	22	166	188	383	2,532	0	79	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	76	156	232	9	10	19	67	146	0	0	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	9	94	103	0	13	13	9	79	0	2	صنع المركبات ذات المحركات المقطورة
36	820	8,316	9,136	87	1,122	1,209	726	6,974	7	220	صنع الأثاث، صنع منتجات غير مصنفة في مكان آخر
40	50	572	622	0	47	47	50	513	0	12	صنع غاز الاستنساخ؛ توزيع أنواع الوقود الغازية
41	46	236	282	1	28	29	45	198	0	10	جمع وتفتيح وتوزيع المياه
<b>Total</b>	<b>13,979</b>	<b>68,864</b>	<b>82,843</b>	<b>904</b>	<b>7,196</b>	<b>8,100</b>	<b>12,455</b>	<b>58,051</b>	<b>620</b>	<b>3,617</b>	<b>المجموع</b>
<b>In %</b>	<b>16.9%</b>	<b>83.1%</b>	<b>100.0%</b>	<b>11.2%</b>	<b>88.8%</b>	<b>100.0%</b>	<b>17.7%</b>	<b>82.3%</b>	<b>14.6%</b>	<b>85.4%</b>	<b>النسبة من المجموع</b>

\* Excluding seasonal workers

Table II-2.b: Distribution of the Workforce by Gender, Category, Economic Activity and Establishment Size

جدول II-2. b: توزيع اليد العاملة بحسب الجنس ، الفئة، النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	مجموع اليد العاملة		اصحاب المؤسسة العاملين فيها		الاجراء*			العاملون الموسميون			النشاط الاقتصادي		
		Total workforce		Owners		Employees			Seasonal workers					
		Female	Male	Female	Male	Female	Male	Total	Female	Male	Total			
14	Other mining & quarrying products	0	30	0	4	0	26	0	0	0	0	انشطة اخرى للتعدين واستغلال المحاجر		
15	Food products & beverages	406	1720	2125	65	483	548	321	1156	1477	20	81	100	صنع المنتجات الغذائية والمشروبات
17	Textiles	64	155	219	6	46	52	58	107	165	0	2	2	صناعة المنسوجات
18	Clothes & dyeing fur	292	331	623	14	109	123	267	216	483	11	6	17	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	24	338	362	6	74	80	18	262	280	0	2	2	ديغ وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	9	367	376	2	84	86	7	269	276	0	14	14	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	31	128	159	7	37	44	24	88	112	0	3	3	صناعة الورق ومنتجاته
22	Printed matter & recorded media	104	509	613	16	152	168	87	346	433	1	11	12	الطباعة، النشر والانتساخ ووسائط الإعلام
23	Coke & refined petroleum products	0	6	6	0	5	5	0	0	0	0	1	1	صنع فحم الكوك ومنتجاته النفطية المكررة
24	Chemicals & man-made fibres	112	451	563	25	114	139	85	317	402	2	20	22	صنع المواد ومنتجاتها الكيميائية
25	Rubber & plastic products	53	432	484	20	114	134	32	301	333	1	17	17	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	44	1991	2035	19	438	457	25	1492	1517	0	61	61	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	1	20	21	0	8	8	1	12	13	0	0	0	صناعة الفلزات القاعدية
28	Fabricated metal products	57	2343	2400	12	499	511	45	1804	1849	0	40	40	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	14	296	310	6	58	64	8	230	238	0	8	8	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	11	157	168	3	44	47	8	107	115	0	6	6	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	6	14	20	1	3	4	5	11	16	0	0	0	صنع الأجهزة الطبية وأوت القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	0	13	13	0	4	4	0	9	9	0	0	0	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c.	112	3008	3120	20	653	673	91	2280	2371	1	75	76	صنع الأثاث، صنع متوجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	1	96	97	0	21	21	1	72	73	0	3	3	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	0	16	16	0	4	4	0	10	10	0	2	2	جمع وتقية وتوزيع المياه
	<b>5-9 workers</b>	<b>1,339</b>	<b>12,417</b>	<b>13,756</b>	<b>222</b>	<b>2,954</b>	<b>3,176</b>	<b>1,083</b>	<b>9,115</b>	<b>10,198</b>	<b>34</b>	<b>348</b>	<b>382</b>	<b>عمال 9-5</b>
	<b>in % of total</b>	<b>9.6%</b>	<b>18.0%</b>	<b>16.6%</b>	<b>24.6%</b>	<b>41.1%</b>	<b>39.2%</b>	<b>8.7%</b>	<b>15.7%</b>	<b>14.5%</b>	<b>5.5%</b>	<b>9.6%</b>	<b>9.0%</b>	<b>النسبة من المجموع</b>

Table II-2.b: Distribution of the Workforce by Gender, Category, Economic Activity and Establishment Size

جدول II-2. b: توزيع اليد العاملة بحسب الجنس ، الفئة، النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	مجموع اليد العاملة		اصحاب المؤسسة العاملين فيها		الاجراء*			العاملون الموسميون			النشاط الاقتصادي		
		Total workforce		Owners		Employees			Seasonal workers					
		Female	Male	Female	Male	Female	Male	Total	Female	Male	Total			
14	Other mining & quarrying products	0	72	72	0	14	14	0	58	58	0	0	0	انشطة اخرى للتعدين واستغلال المحاجر
15	Food products & beverages	785	2215	3000	87	419	506	628	1698	2326	70	98	168	صنع المنتجات الغذائية والمشروبات
17	Textiles	126	214	340	12	48	60	114	157	271	0	9	9	صناعة المنسوجات
18	Clothes & dyeing fur	326	348	674	22	81	103	293	258	551	11	9	20	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	60	376	436	11	76	87	49	287	336	0	13	13	ديغ وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	10	197	207	3	28	31	7	157	164	0	12	12	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	101	251	352	12	54	66	89	192	281	0	5	5	صناعة الورق ومنتجاته
22	Printed matter & recorded media	163	692	855	25	115	140	137	567	704	1	10	11	الطباعة، النشر والانتساخ ووسائط الإعلام
23	Coke & refined petroleum products	3	34	37	1	3	4	2	28	30	0	3	3	صنع فحم الكوك ومنتجاته النفطية المكررة
24	Chemicals & man-made fibres	104	526	630	10	106	116	86	395	481	8	25	33	صنع المواد ومنتجاتها الكيميائية
25	Rubber & plastic products	78	485	563	11	84	95	67	380	447	0	21	21	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	114	2760	2874	28	403	431	86	2286	2372	0	71	71	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	2	15	17	0	3	3	2	12	14	0	0	0	صناعة الفلزات القاعدية
28	Fabricated metal products	91	1069	1160	12	164	176	79	870	949	0	35	35	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	33	422	455	4	81	85	28	315	343	1	26	27	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery	7	31	38	3	7	10	4	24	28	0	0	0	صنع آلات المكاتب والمحاسبة وآلات الحساب الإلكتروني
31	Electrical machinery and apparatus	46	223	269	8	39	47	38	166	204	0	18	18	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	12	18	30	4	3	7	8	15	23	0	0	0	صنع الأجهزة الطبية وأوت القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	2	22	24	0	2	2	2	18	20	0	2	2	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c.	169	1782	1951	32	271	303	135	1477	1612	2	34	36	صنع الأثاث، صنع متوجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	1	41	42	0	16	16	1	25	26	0	0	0	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	5	65	70	0	12	12	5	51	56	0	2	2	جمع وتقية وتوزيع المياه



**Table II-2.b: Distribution of the Workforce by Gender, Category, Economic Activity and Establishment Size**  
**جدول II-2.b: توزيع اليد العاملة بحسب الجنس ، الفئة، النشاط الاقتصادي وحجم المؤسسة**

ISIC code	Economic Activity	مجموع اليد العاملة Total workforce		أصحاب المؤسسة العاملة فيها Owners		الأجراء* Employees			العاملون الموسميون Seasonal workers				
		ذكور Male	إناث Female	ذكور Male	إناث Female	المجموع Total	ذكور Male	إناث Female	المجموع Total	ذكور Male	إناث Female	المجموع Total	
	<b>10-19 workers</b>	<b>2,238</b>	<b>11,853</b>	<b>14,090</b>	<b>285</b>	<b>2,029</b>	<b>2,314</b>	<b>1,860</b>	<b>9,436</b>	<b>11,296</b>	<b>93</b>	<b>388</b>	<b>480</b>
	<b>in % of total</b>	<b>16.0%</b>	<b>17.2%</b>	<b>17.0%</b>	<b>31.5%</b>	<b>28.2%</b>	<b>28.6%</b>	<b>14.9%</b>	<b>16.3%</b>	<b>16.0%</b>	<b>14.9%</b>	<b>10.7%</b>	<b>11.3%</b>
15	Food products & beverages	578	1740	2318	45	230	275	471	1419	1890	62	91	153
17	Textiles	81	121	201	3	19	22	77	89	166	1	13	13
18	Clothes & dyeing fur	557	623	1179	17	80	97	525	504	1029	15	39	53
19	Leather & leather products	60	287	347	6	25	31	53	256	309	1	6	7
20	Wood products (except furniture)	18	166	184	2	15	17	16	143	159	0	8	8
21	Pulp,paper & paper products	90	166	256	2	22	24	88	123	211	0	21	21
22	Printed matter & recorded media	124	499	623	9	38	47	114	434	548	1	27	28
24	Chemicals & man-made fibres	183	754	937	10	84	94	173	656	829	0	14	14
25	Rubber & plastic products	71	461	532	5	48	53	61	388	449	5	25	30
26	Other non-metallic mineral products	80	1223	1303	9	126	135	71	1010	1081	0	87	87
27	Basic metals	2	26	28	0	3	3	2	23	25	0	0	0
28	Fabricated metal products	141	1114	1255	25	101	126	116	957	1073	0	56	56
29	Machinery and equipment.	45	351	396	3	29	32	42	315	357	0	7	7
31	Electrical machinery and apparatus	83	455	538	3	53	56	80	391	471	0	11	11
33	Medical, precision and optical instruments	24	28	52	1	3	4	23	25	48	0	0	0
34	Motor vehicles, trailers and semi-trailers	7	59	66	0	7	7	7	52	59	0	0	0
	Furniture & other manufactured goods n.e.c.	167	1011	1178	15	110	125	149	888	1037	3	13	16
40	Electricity, gas, steam and hot water supply	0	23	23	0	1	1	0	22	22	0	0	0
41	Collection, purification and distribution of water	4	51	55	0	7	7	4	40	44	0	4	4
	<b>20-34 workers</b>	<b>2,314</b>	<b>9,153</b>	<b>11,466</b>	<b>155</b>	<b>1,001</b>	<b>1,156</b>	<b>2,072</b>	<b>7,735</b>	<b>9,807</b>	<b>87</b>	<b>417</b>	<b>503</b>
	<b>in % of total</b>	<b>16.6%</b>	<b>13.3%</b>	<b>13.8%</b>	<b>17.1%</b>	<b>13.9%</b>	<b>14.3%</b>	<b>16.6%</b>	<b>13.3%</b>	<b>13.9%</b>	<b>14.0%</b>	<b>11.5%</b>	<b>11.9%</b>

**Table II-2.b: Distribution of the Workforce by Gender, Category, Economic Activity and Establishment Size**  
**جدول II-2.b: توزيع اليد العاملة بحسب الجنس ، الفئة، النشاط الاقتصادي وحجم المؤسسة**

ISIC code	Economic Activity	مجموع اليد العاملة Total workforce		أصحاب المؤسسة العاملة فيها Owners		الأجراء* Employees			العاملون الموسميون Seasonal workers				
		ذكور Male	إناث Female	ذكور Male	إناث Female	المجموع Total	ذكور Male	إناث Female	المجموع Total	ذكور Male	إناث Female	المجموع Total	
15	Food products & beverages	337	946	1283	10	80	90	305	787	1092	22	79	101
17	Textiles	81	191	272	1	22	23	70	162	232	10	7	17
18	Clothes & dyeing fur	273	192	464	3	25	28	267	161	428	3	6	8
19	Leather & leather products	14	208	222	2	12	14	9	189	198	3	7	10
20	Wood products (except furniture)	18	110	128	3	7	10	15	100	115	0	3	3
21	Pulp,paper & paper products	52	240	291	2	11	13	35	193	228	15	36	50
22	Printed matter & recorded media	70	230	300	1	18	19	62	203	265	7	9	16
24	Chemicals & man-made fibres	114	220	334	4	15	19	110	178	288	0	27	27
25	Rubber & plastic products	74	346	419	12	25	37	37	255	292	25	66	90
26	Other non-metallic mineral products	62	380	442	4	17	21	58	312	370	0	51	51
27	Basic metals	23	105	128	6	28	34	17	77	94	0	0	0
28	Fabricated metal products	81	440	521	7	27	34	74	394	468	0	19	19
29	Machinery and equipment.	8	75	83	1	6	7	7	69	76	0	0	0
31	Electrical machinery and apparatus	10	120	130	2	7	9	8	113	121	0	0	0
33	Medical, precision and optical instruments	23	22	45	3	1	4	20	21	41	0	0	0
36	Furniture & other manufactured goods n.e.c.	108	710	817	7	38	45	98	653	751	3	19	21
40	Electricity, gas, steam and hot water supply	17	101	118	0	4	4	17	92	109	0	5	5
41	Collection, purification and distribution of water	16	31	47	0	1	1	16	27	43	0	3	3
	<b>35-49 workers</b>	<b>1,378</b>	<b>4,664</b>	<b>6,042</b>	<b>68</b>	<b>344</b>	<b>412</b>	<b>1,225</b>	<b>3,986</b>	<b>5,211</b>	<b>85</b>	<b>334</b>	<b>419</b>
	<b>in % of total</b>	<b>9.9%</b>	<b>6.8%</b>	<b>7.3%</b>	<b>7.5%</b>	<b>4.8%</b>	<b>5.1%</b>	<b>9.8%</b>	<b>6.9%</b>	<b>7.4%</b>	<b>13.6%</b>	<b>9.2%</b>	<b>9.9%</b>
15	Food products & beverages	680	2014	2693	23	102	125	613	1803	2416	44	109	152
17	Textiles	16	41	57	0	3	3	16	38	54	0	0	0
18	Clothes & dyeing fur	333	300	633	5	14	19	324	282	606	4	4	8
19	Leather & leather products	2	48	50	2	0	2	0	48	48	0	0	0
20	Wood products (except furniture)	3	68	71	0	0	0	3	68	71	0	0	0

Table II-2.b: Distribution of the Workforce by Gender, Category, Economic Activity and Establishment Size

جدول II-2.b: توزيع اليد العاملة بحسب الجنس، الفئة، النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity		Total workforce		Owners		Employees*		Seasonal workers		النشاط الاقتصادي				
			Female	Male	Female	Male	Female	Male	Female	Male					
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Total				
21	Pulp,paper & paper products		153	415	568	3	15	18	100	372	472	50	28	78	صناعة الورق ومنتجاته
22	Printed matter & recorded media		107	651	758	4	28	32	103	584	687	0	39	39	الطباعة، النشر والامتساخ ووسائط الإعلام
24	Chemicals & man-made fibres		244	824	1068	7	48	55	237	751	988	0	25	25	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products		73	644	717	4	29	33	66	561	627	3	54	57	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products		80	767	847	1	34	35	79	712	791	0	21	21	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals		6	92	98	1	2	3	5	90	95	0	0	0	صناعة الفلزات القاعدية
28	Fabricated metal products		187	1115	1302	8	47	55	150	944	1094	29	124	153	صنع منتجات المعادن المشكّلة باستثناء الماكينات
29	Machinery and equipment.		23	311	334	0	8	8	23	301	324	0	2	2	صنع الآلات والمعدات غير المصنّفة في مكان آخر
31	Electrical machinery and apparatus		51	377	428	2	11	13	49	352	401	0	14	14	صنع الآلات والأجهزة الكهربائية غير المصنّفة في مكان آخر
33	Medical, precision and optical instruments		11	74	85	0	0	0	11	74	85	0	0	0	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
36	Furniture & other manufactured goods n.e.c.		146	1146	1292	6	44	50	140	1023	1163	0	79	79	صنع الآثاث، صنع متوجّات غير مصنّفة في مكان آخر
40	Electricity, gas, steam and hot water supply		5	53	58	0	1	1	5	52	57	0	0	0	صنع غاز الاستنصاح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water		21	74	95	1	4	5	20	70	90	0	0	0	جمع وتقيية وتوزيع المياه
	<b>50-99 workers</b>		<b>2,141</b>	<b>9,012</b>	<b>11,153</b>	<b>67</b>	<b>390</b>	<b>457</b>	<b>1,944</b>	<b>8,125</b>	<b>10,069</b>	<b>130</b>	<b>497</b>	<b>627</b>	<b>عامل 99-50</b>
	<b>in % of total</b>		<b>15.3%</b>	<b>13.1%</b>	<b>13.5%</b>	<b>7.4%</b>	<b>5.4%</b>	<b>5.6%</b>	<b>15.6%</b>	<b>14.0%</b>	<b>14.3%</b>	<b>20.9%</b>	<b>13.7%</b>	<b>14.8%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages		932	3866	4797	19	96	115	815	3408	4223	98	362	459	صنع المنتجات الغذائية والمشروبات
17	Textiles		163	170	332	1	6	7	152	140	292	10	24	33	صناعة المنسوجات
18	Clothes & dyeing fur		50	50	100	0	4	4	50	46	96	0	0	0	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products		30	83	113	0	2	2	30	81	111	0	0	0	ديغ وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)		9	132	141	1	1	2	8	80	88	0	51	51	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products		122	380	502	7	16	23	113	354	467	2	10	12	صناعة الورق ومنتجاته
22	Printed matter & recorded media		181	864	1045	4	23	27	177	816	993	0	25	25	الطباعة، النشر والامتساخ ووسائط الإعلام
24	Chemicals & man-made fibres		319	573	892	2	13	15	316	560	876	1	0	1	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products		158	564	722	3	22	25	152	540	692	3	2	5	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products		60	803	863	5	10	15	55	753	808	0	40	40	صنع منتجات المعادن اللافلزية الأخرى

Table II-2.b: Distribution of the Workforce by Gender, Category, Economic Activity and Establishment Size

جدول II-2.b: توزيع اليد العاملة بحسب الجنس، الفئة، النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity		Total workforce		Owners		Employees*		Seasonal workers		النشاط الاقتصادي				
			Female	Male	Female	Male	Female	Male	Female	Male					
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Total				
28	Fabricated metal products		133	815	947	7	22	29	74	615	689	52	178	229	صنع منتجات المعادن المشكّلة باستثناء الماكينات
29	Machinery and equipment.		26	230	256	1	4	5	25	226	251	0	0	0	صنع الآلات والمعدات غير المصنّفة في مكان آخر
31	Electrical machinery and apparatus		111	820	931	4	10	14	107	810	917	0	0	0	صنع الآلات والأجهزة الكهربائية غير المصنّفة في مكان آخر
36	Furniture & other manufactured goods n.e.c.		120	659	779	7	6	13	113	653	766	0	0	0	صنع الآثاث، صنع متوجّات غير مصنّفة في مكان آخر
40	Electricity, gas, steam and hot water supply		26	258	284	0	4	4	26	250	276	0	4	4	صنع غاز الاستنصاح؛ توزيع أنواع الوقود الغازية
	<b>100-249 workers</b>		<b>2,438</b>	<b>10,265</b>	<b>12,702</b>	<b>61</b>	<b>239</b>	<b>300</b>	<b>2,213</b>	<b>9,332</b>	<b>11,545</b>	<b>164</b>	<b>694</b>	<b>857</b>	<b>عامل 249-100</b>
	<b>in % of total</b>		<b>17.4%</b>	<b>14.9%</b>	<b>15.3%</b>	<b>6.7%</b>	<b>3.3%</b>	<b>3.7%</b>	<b>17.8%</b>	<b>16.1%</b>	<b>16.4%</b>	<b>26.4%</b>	<b>19.2%</b>	<b>20.2%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages		958	3434	4392	3	30	33	955	3348	4303	0	56	56	صنع المنتجات الغذائية والمشروبات
18	Clothes & dyeing fur		177	115	292	3	9	12	149	101	250	25	5	30	صنع الملابس، تهيئة وصنع الفراء
20	Wood products (except furniture)		12	281	293	0	1	1	12	202	214	0	78	78	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products		408	1678	2086	30	103	133	374	1539	1913	4	36	40	صناعة الورق ومنتجاته
22	Printed matter & recorded media		243	1073	1316	0	2	2	243	1071	1314	0	0	0	الطباعة، النشر والامتساخ ووسائط الإعلام
24	Chemicals & man-made fibres		98	272	370	10	10	20	88	262	350	0	0	0	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products		15	242	257	0	0	0	15	242	257	0	0	0	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products		118	2516	2634	0	78	78	118	2208	2326	0	230	230	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals		3	514	517	0	0	0	3	84	87	0	430	430	صناعة الفلزات القاعدية
28	Fabricated metal products		8	462	470	0	0	0	8	462	470	0	0	0	صنع منتجات المعادن المشكّلة باستثناء الماكينات
29	Machinery and equipment.		0	289	289	0	4	4	0	210	210	0	75	75	صنع الآلات والمعدات غير المصنّفة في مكان آخر
31	Electrical machinery and apparatus		93	626	719	0	2	2	93	593	686	0	31	31	صنع الآلات والأجهزة الكهربائية غير المصنّفة في مكان آخر
	<b>≥ 250 workers</b>		<b>2,133</b>	<b>11,502</b>	<b>13,635</b>	<b>46</b>	<b>239</b>	<b>285</b>	<b>2,058</b>	<b>10,322</b>	<b>12,380</b>	<b>29</b>	<b>941</b>	<b>970</b>	<b>أكثر من 250 عامل</b>
	<b>in % of total</b>		<b>15.3%</b>	<b>16.7%</b>	<b>16.5%</b>	<b>5.1%</b>	<b>3.3%</b>	<b>3.5%</b>	<b>16.5%</b>	<b>17.8%</b>	<b>17.6%</b>	<b>4.7%</b>	<b>26.0%</b>	<b>22.9%</b>	<b>النسبة من المجموع</b>
	<b>Total Industries</b>		<b>13,979</b>	<b>68,864</b>	<b>82,843</b>	<b>904</b>	<b>7,196</b>	<b>8,100</b>	<b>12,455</b>	<b>58,051</b>	<b>70,506</b>	<b>620</b>	<b>3,617</b>	<b>4,237</b>	<b>المجموع العام</b>

Table II-3.a :Salaries and Wages by Workers' Category and Economic Activity (value in '000 USD )  
جدول II-3.a : توزيع الرواتب والاجور حسب فئة العاملين والنشاط الاقتصادي (القيمة بالآلاف الدولارات)

ISIC code	Economic Activity	عدد المصانع Nb. of establish.	Wages and Salaries for employees				المجموع Total salaries wages & social charges		النشاط الاقتصادي		
			العمال الدائمين Permanent workers		الموسميون Seasonal workers		العاملون في منازلهم Home workers				
			in 000 \$	in %	in 000 \$	in %	in 000 \$	in %			
14	Other mining & quarrying products	9	723	0.1%	0	0.0%	0	0.0%	723	0.1%	النشطة اخرى للتعدين واستغلال المحاجر
15	Food products & beverages	736	124,469	23.7%	5,241	26.9%	1,922	66.4%	131632	24.0%	صنع المنتجات الغذائية والمشروبات
17	Textiles	77	8,207	1.6%	527	2.7%	113	3.9%	8,847	1.6%	صناعة المنسوجات
18	Clothes & dyeing fur	210	17,672	3.4%	562	2.9%	127	4.4%	18,361	3.3%	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	105	8,114	1.5%	130	0.7%	108	3.7%	8,351	1.5%	دبغ وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	87	6,596	1.3%	732	3.8%	3	0.1%	7,332	1.3%	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	82	34,589	6.6%	751	3.8%	151	5.2%	35,490	6.5%	صناعة الورق ومنتجاته
22	Printed matter & recorded media	211	43,478	8.3%	780	4.0%	0	0.0%	44,258	8.1%	الطباعة، النشر والامتساح ووسائط الإعلام
23	Coke & refined petroleum products	4	203	0.0%	20	0.1%	0	0.0%	223	0.0%	صنع فحم الكوك والمنتجات النفطية المكررة
24	Chemicals & man-made fibres	193	37,421	7.1%	546	2.8%	25	0.9%	37,992	6.9%	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products	168	20,129	3.8%	926	4.7%	3	0.1%	21,058	3.8%	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	609	74,442	14.2%	2,907	14.9%	24	0.8%	77,373	14.1%	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	10	2,006	0.4%	2,259	11.6%	0	0.0%	4,264	0.8%	صناعة الفلزات القاعدية
28	Fabricated metal products	558	48,849	9.3%	2,259	11.6%	226	7.8%	51,334	9.4%	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	105	15,149	2.9%	335	1.7%	12	0.4%	15,495	2.8%	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery	3	242	0.0%	0	0.0%	0	0.0%	242	0.0%	صنع آلات المكاتب والمحاسبة وآلات الحساب الإلكتروني
31	Electrical machinery and apparatus	83	23,932	4.6%	650	3.3%	30	1.0%	24,611	4.5%	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	9	1,193	0.2%	0	0.0%	0	0.0%	1,193	0.2%	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	7	590	0.1%	3	0.0%	0	0.0%	593	0.1%	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c.	730	51,139	9.7%	717	3.7%	151	5.2%	52,007	9.5%	صنع الأثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	26	5,571	1.1%	127	0.7%	0	0.0%	5,698	1.0%	صنع غاز الاستنصاح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	11	1,088	0.2%	35	0.2%	0	0.0%	1,123	0.2%	جمع وتنقية وتوزيع المياه
	<b>Total</b>	<b>4,033</b>	<b>525,803</b>	<b>100.0%</b>	<b>19,505</b>	<b>100.0%</b>	<b>2,894</b>	<b>100%</b>	<b>548,203</b>	<b>100.0%</b>	<b>المجموع</b>

Table II-3.b : Salaries and Wages by Workers' Category and Establishment Size (value in '000 USD )  
جدول II-3.b : توزيع الرواتب والاجور بحسب حجم المؤسسة، فئة العاملين والنشاط الاقتصادي (القيمة بالآلاف الدولارات)

Workforce by class	عدد المصانع Nb. of establish.	الرواتب والاجور Wages and Salaries for paid workers				المجموع Total salaries, wages & social charges		اليد العاملة		
		العمال الدائمين Permanent workers		العاملون في منازلهم Home workers		النسبة من المجموع	النسبة من المجموع			
		in 000 \$	in %	in 000 \$	in %					
5-9 workers	2,081	60,665	11.5%	1,701	8.7%	6	0.2%	62,373	11.4%	9-5 عمال
in % of total	51.6%	11.5%	8.7%	8.7%	0.2%	0.2%	0.2%	11.4%	11.4%	النسبة من المجموع
10-19 workers	1,072	68,438	13.0%	1,831	9.4%	156	5.4%	70,425	12.8%	19-10 عامل
in % of total	26.6%	13.0%	9.4%	9.4%	5.4%	5.4%	5.4%	12.8%	12.8%	النسبة من المجموع
20-34 workers	449	62,203	11.8%	2,649	13.6%	424	14.6%	65,276	11.9%	34-20 عامل
in % of total	11.1%	11.8%	13.6%	13.6%	14.6%	14.6%	14.6%	11.9%	11.9%	النسبة من المجموع
35-49 workers	146	33,917	6.5%	1,798	9.2%	12	0.4%	35,727	6.5%	49-35 عامل
in % of total	3.6%	6.5%	9.2%	9.2%	0.4%	0.4%	0.4%	6.5%	6.5%	النسبة من المجموع
50-99 workers	166	76,767	14.6%	2,196	11.3%	158	5.4%	79,121	14.4%	99-50 عامل
in % of total	4.1%	14.6%	11.3%	11.3%	5.4%	5.4%	5.4%	14.4%	14.4%	النسبة من المجموع
100-249 workers	87	104,402	19.9%	3,891	19.9%	251	8.7%	108,544	19.8%	249-100 عامل
in % of total	2.2%	19.9%	19.9%	19.9%	8.7%	8.7%	8.7%	19.8%	19.8%	النسبة من المجموع
≥ 250 workers	32	119,411	22.7%	5,439	27.9%	1,888	65.2%	126,737	23.1%	أكثر من 250 عامل
in % of total	0.8%	22.7%	27.9%	27.9%	65.2%	65.2%	65.2%	23.1%	23.1%	النسبة من المجموع
<b>Total</b>	<b>4,033</b>	<b>525,803</b>	<b>100.0%</b>	<b>19,505</b>	<b>100.0%</b>	<b>2,894</b>	<b>100.0%</b>	<b>548,203</b>	<b>100.0%</b>	<b>المجموع</b>
in %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	النسبة



**Table II-4 Stocks and Stock changes by economic activity (values in '000 USD)**  
جدول II-4 المخزون والتغير في المخزون بحسب النشاط الاقتصادي (القيمة بالآلاف الدولارات)

ISIC code	Economic Activity	عدد المصانع Nb. of establish	قيمة المخزون في أوائل 2007			قيمة المخزون في أواخر 2007			التغير في المخزون Change in stocks	النشاط الاقتصادي		
			مجموع المخزون Total Stocks	المواد الأولية والمحروقات Raw materi- als & fuel	الأعمال الجارية Work In Progress	المنتجات المنتهية الصنع Finished Products	مجموع المخزون Total Stocks	المواد الأولية والمحروقات Raw mate- rials & fuel			الأعمال الجارية Work In Progress	المنتجات المنتهية الصنع Finished Products
14	Other mining & quarrying products	9	82	0	0	82	101	0	101	النشطة احرى للتعدين واستغلال المحاجر		
15	Food products & beverages	736	230,481	149,244	29,647	51,590	277,331	174,226	36,999	صنع المنتجات الغذائية والمشروبات		
17	Textiles	77	32,263	9,197	15,958	7,107	35,336	10,561	17,387	صناعة المنسوجات		
18	Clothes & dyeing fur	210	31,022	13,115	4,150	13,757	33,624	14,220	4,461	صنع الملابس، تهيئة وصنع الفراء		
19	Leather & leather products	105	13,491	5,638	2,467	5,386	13,494	6,062	2,646	دبغ وتهيئة الجلود، صنع حقائب الفراء		
20	Wood products (except furniture)	87	13,779	5,179	6,162	2,438	28,268	14,424	9,207	صناعة الخشب ومنتجاته (باستثناء الأثاث)		
21	Pulp,paper & paper products	82	87,381	61,901	7,359	18,121	103,386	71,282	7,446	صناعة الورق ومنتجاته		
22	Printed matter & recorded media	211	32,321	20,812	4,966	6,543	41,094	27,478	7,110	الطباعة، النشر والاستمساخ ووسائط الإعلام		
23	Coke & refined petroleum products	4	3,482	1,150	7	2,325	4,283	955	9	صنع فحم الكوك و المنتجات النفطية المكررة		
24	Chemicals & man-made fibres	193	98,293	64,812	6,815	26,666	114,087	73,647	7,394	صنع المواد ومنتجات الكيماوية		
25	Rubber & plastic products	168	63,614	40,436	5,026	18,151	80,971	51,564	5,910	صنع منتجات المطاط واللدائن		
26	Other non-metallic mineral products	609	185,189	119,193	18,809	47,187	216,653	144,418	22,347	صنع منتجات المعادن اللافلزية الأخرى		
27	Basic metals	10	32,187	26,104	0	6,082	36,566	29,572	0	صناعة الفلزات القاعدية		
28	Fabricated metal products	558	143,445	64,168	20,749	58,528	176,065	80,550	25,589	صنع منتجات المعادن المشكلة باستثناء الماكينات		
29	Machinery and equipment.	105	51,316	31,399	9,191	10,726	55,143	32,771	12,421	صنع الآلات والمعدات غير المصنفة في مكان آخر		
30	Office, accounting and computing machinery	3	716	388	0	328	789	377	0	صنع آلات المكاتب والمحاسبة وآلات الحاسب الإلكتروني		
31	Electrical machinery and apparatus	83	194,224	90,847	20,773	82,604	291,094	114,218	23,740	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر		
33	Medical, precision and optical instruments	9	1,614	1,550	2	62	1,501	1,364	8	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات		
34	Motor vehicles, trailers and semi-trailers	7	1,681	830	17	834	2,128	950	17	صنع المركبات ذات المحركات المقطورة		
36	Furniture & other manufactured goods n.e.c.	730	188,589	79,438	19,425	89,726	230,194	89,698	20,896	صنع الأثاث، صنع متفرجات غير مصنفة في مكان آخر		
40	Electricity, gas, steam and hot water supply	26	4,589	4,472	20	97	5,847	5,710	23	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية		
41	Collection, purification and distribution of water	11	589	455	1	133	852	683	1	جمع وتنقية وتوزيع المياه		
<b>Total</b>		<b>4,033</b>	<b>1,410,349</b>	<b>790,331</b>	<b>171,542</b>	<b>448,476</b>	<b>1,748,809</b>	<b>944,729</b>	<b>203,590</b>	<b>600,491</b>	<b>338,460</b>	<b>المجموع</b>

**Table II-5.a Industrial Output by Economic Activity (value in '000 USD)**  
جدول II-5.a: توزيع الانتاج الصناعي بحسب النشاط الاقتصادي (القيمة بالآلاف الدولارات)

ISIC code	Economic Activity	عدد المصانع Nb. of establish.	الانتاج الصناعي				مداخل من خدمات غير صناعية Income from non-Industrial services	مجموع الانتاج Total output	النشاط الاقتصادي
			مبيعات السلع Sales of products	التغير في مخزون السلع Change in stocks of finished & in progress products	التغير في مخزون السلع Change in stocks of finished & in progress products	إنتاج المؤسسة لاستهلاكها الخاص Production for own consumption			
14	Other mining & quarrying products	9	2,510	20	804	0	3,334	النشطة احرى للتعدين واستغلال المحاجر	
15	Food products & beverages	736	1,655,502	21,869	68,148	526	1,748,453	صنع المنتجات الغذائية والمشروبات	
17	Textiles	77	63,125	1,710	1,328	287	66,556	صناعة المنسوجات	
18	Clothes & dyeing fur	210	111,940	1,497	2,529	2	115,968	صنع الملابس، تهيئة وصنع الفراء	
19	Leather & leather products	105	47,965	-421	722	1	48,267	دبغ وتهيئة الجلود، صنع حقائب الفراء	
20	Wood products (except furniture)	87	59,066	5,243	995	143	65,447	صناعة الخشب ومنتجاته (باستثناء الأثاث)	
21	Pulp,paper & paper products	82	380,093	6,624	12,776	0	399,714	صناعة الورق ومنتجاته	
22	Printed matter & recorded media	211	268,432	2,108	5,285	18	275,906	الطباعة، النشر والاستمساخ ووسائط الإعلام	
23	Coke & refined petroleum products	4	14,863	997	38	0	15,899	صنع فحم الكوك و المنتجات النفطية المكررة	
24	Chemicals & man-made fibres	193	486,199	6,959	8,896	10,025	512,424	صنع المواد ومنتجات الكيماوية	
25	Rubber & plastic products	168	303,789	6,230	12,410	76	322,622	صنع منتجات المطاط واللدائن	
26	Other non-metallic mineral products	609	735,111	6,240	50,442	3,058	797,109	صنع منتجات المعادن اللافلزية الأخرى	
27	Basic metals	10	89,704	912	635	29	91,349	صناعة الفلزات القاعدية	
28	Fabricated metal products	558	679,163	16,238	12,189	34,908	742,708	صنع منتجات المعادن المشكلة باستثناء الماكينات	
29	Machinery and equipment.	105	196,370	2,455	3,560	148	206,129	صنع الآلات والمعدات غير المصنفة في مكان آخر	
30	Office, accounting and computing machinery	3	1,629	84	10	0	1,723	صنع آلات المكاتب والمحاسبة وآلات الحاسب الإلكتروني	
31	Electrical machinery and apparatus	83	637,959	73,499	4,138	3,742	719,354	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر	
33	Medical, precision and optical instruments	9	5,682	73	69	3	5,827	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات	
34	Motor vehicles, trailers and semi-trailers	7	4,975	327	96	10	5,507	صنع المركبات ذات المحركات المقطورة	
36	Furniture & other manufactured goods n.e.c.	730	415,634	31,345	5,812	958	453,903	صنع الأثاث، صنع متفرجات غير مصنفة في مكان آخر	
40	Electricity, gas, steam and hot water supply	26	193,805	20	1,130	25	194,979	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية	
41	Collection, purification and distribution of water	11	6,816	35	262	1	7,114	جمع وتنقية وتوزيع المياه	
<b>Total</b>		<b>4,033</b>	<b>6,360,332</b>	<b>184,062</b>	<b>192,274</b>	<b>57,406</b>	<b>6,800,292</b>	<b>المجموع</b>	

**Table II-5.a Industrial Output by Economic Activity (value in '000 USD)**  
**جدول II-5.a: توزيع الانتاج الصناعي بحسب النشاط الاقتصادي (القيمة بالآلاف الدولارات)**

ISIC code	Economic Activity	عدد المصانع Nb. of establish.	الانتاج الصناعي Industrial output				مداخيل من خدمات غير صناعية Income from non- Industrial services	مجموع الانتاج Total output
			مبيعات السلع Sales of products	التغير في مخزون السلع Change in stocks of finished & in progress products	التغير في مخزون السلع Change in stocks of finished & in progress products	نتاج المؤسسة Production for own consumption		
14	Other mining & quarrying products	9	75.3%	0.6%	24.1%	0.0%	3,334	
15	Food products & beverages	736	94.7%	1.3%	3.9%	0.0%	1,748,453	
17	Textiles	77	94.8%	2.6%	2.0%	0.4%	66,556	
18	Clothes & dyeing fur	210	96.5%	1.3%	2.2%	0.0%	115,968	
19	Leather & leather products	105	99.4%	-0.9%	1.5%	0.0%	48,267	
20	Wood products (except furniture)	87	90.2%	8.0%	1.5%	0.2%	65,447	
21	Pulp,paper & paper products	82	95.1%	1.7%	3.2%	0.0%	399,714	
22	Printed matter & recorded media	211	97.3%	0.8%	1.9%	0.0%	275,906	
23	Coke & refined petroleum products	4	93.5%	6.3%	0.2%	0.0%	15,899	
24	Chemicals & man-made fibres	193	94.9%	1.4%	1.7%	2.0%	512,424	
25	Rubber & plastic products	168	94.2%	1.9%	3.8%	0.0%	322,622	
26	Other non-metallic mineral products	609	92.2%	0.8%	6.3%	0.4%	797,109	
27	Basic metals	10	98.2%	1.0%	0.7%	0.0%	91,349	
28	Fabricated metal products	558	91.4%	2.2%	1.6%	4.7%	742,708	
29	Machinery and equipment.	105	95.3%	1.2%	1.7%	1.7%	206,129	
30	Office, accounting and computing machinery	3	94.5%	4.9%	0.6%	0.0%	1,723	
31	Electrical machinery and apparatus	83	88.7%	10.2%	0.6%	0.5%	719,354	
33	Medical, precision and optical instruments	9	97.5%	1.3%	1.2%	0.0%	5,827	
34	Motor vehicles, trailers and semi-trailers	7	90.3%	5.9%	1.7%	0.2%	5,507	
36	Furniture & other manufactured goods n.e.c.	730	91.6%	6.9%	1.3%	0.2%	453,903	
40	Electricity, gas, steam and hot water supply	26	99.4%	0.0%	0.6%	0.0%	194,979	
41	Collection, purification and distribution of water	11	95.8%	0.5%	3.7%	0.0%	7,114	
	<b>Total</b>	<b>4,033</b>	<b>6,360,332</b>	<b>184,062</b>	<b>192,274</b>	<b>57,406</b>	<b>6,218</b>	<b>6,800,292</b>
								<b>المجموع</b>

**Table II-5.b Industrial Output by Economic Activity and Establishment Size (value in '000 USD)**  
**جدول II-5.b: توزيع الانتاج الصناعي بحسب النشاط الاقتصادي وحجم المؤسسة (القيمة بالآلاف الدولارات)**

ISIC code	Economic Activity	الانتاج الصناعي Industrial output				مداخيل من خدمات غير صناعية Income from non- Industrial services	مجموع الانتاج Total output	
		مبيعات السلع Sales of products	التغير في مخزون السلع Change in stocks of finished & in progress products	التغير في مخزون السلع Change in stocks of finished & in progress products	نتاج المؤسسة Production for own consumption			مداخيل الخدمات الصناعية Income from industrial ser- vices
14	Other mining & quarrying products	736	20	265	0	0	1,021	
15	Food products & beverages	107,257	636	2,726	10	0	110,629	
17	Textiles	6,860	-59	250	18	0	7,070	
18	Clothes & dyeing fur	13,687	-13	334	2	0	14,011	
19	Leather & leather products	12,041	-441	155	0	0	11,755	
20	Wood products (except furniture)	11,631	62	191	58	1	11,943	
21	Pulp,paper & paper products	9,739	47	222	0	79	10,088	
22	Printed matter & recorded media	15,866	101	341	5	2	16,314	
23	Coke & refined petroleum products	133	2	1	0	0	136	
24	Chemicals & man-made fibres	36,352	1,315	586	582	0	38,834	
25	Rubber & plastic products	27,793	-192	1,074	37	0	28,712	
26	Other non-metallic mineral products	61,295	475	3,531	40	0	65,341	
27	Basic metals	3,081	0	25	0	0	3,107	
28	Fabricated metal products	71,133	921	1,624	3,541	201	77,420	
29	Machinery and equipment.	15,771	-33	225	155	0	16,118	
31	Electrical machinery and apparatus	6,370	31	125	6	15	6,547	
33	Medical, precision and optical instruments	645	7	13	3	0	668	
34	Motor vehicles, trailers and semi-trailers	303	0	3	10	0	316	
36	Furniture & other manufactured goods	83,487	1,751	1,295	447	24	87,004	
40	Electricity, gas, steam and hot water supply	6,771	12	66	12	0	6,860	
41	Collection, purification and distribution of water	350	36	17	0	0	403	
	<b>5-9 workers</b>	<b>491,300</b>	<b>4,679</b>	<b>13,071</b>	<b>4,925</b>	<b>323</b>	<b>514,298</b>	
	<b>in % of total</b>	<b>7.7%</b>	<b>2.5%</b>	<b>6.8%</b>	<b>8.6%</b>	<b>5.2%</b>	<b>7.6%</b>	
14	Other mining & quarrying products	1,774	0	539	0	0	2,313	
								<b>النسبة من المجموع</b>
								<b>المجموع</b>



Table II-5.b Industrial Output by Economic Activity and Establishment Size (value in '000 USD)

جدول II- 5.ب توزيع الإنتاج الصناعي بحسب النشاط الاقتصادي وحجم المؤسسة (القيمة بالآلاف الدولارات)

ISIC code	Economic Activity	الإنتاج الصناعي				Income from non-Industrial services	Total output	النشاط الاقتصادي
		Sales of products	Change in stocks of finished & in progress products	Production for own consumption	Income from industrial services			
15	Food products & beverages	167,556	5,395	4,220	516	477	178,165	صنع المنتجات الغذائية المشروبات
17	Textiles	12,064	170	287	21	0	12,542	صناعة المنسوجات
18	Clothes & dyeing fur	15,245	505	292	0	0	16,042	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	10,621	351	214	1	0	11,188	ديج وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	9,190	-29	169	10	0	9,340	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	21,912	278	442	0	29	22,662	صناعة الورق ومنتجاته
22	Printed matter & recorded media	32,562	-317	778	0	0	33,023	الطباعة، النشر والإستسناخ ووسائط الإعلام
23	Coke & refined petroleum products	14,730	995	37	0	0	15,763	صنع فحم الكوك ومنتجات النفطية المكررة
24	Chemicals & man-made fibres	37,197	864	1,274	3	0	39,338	صنع المواد ومنتجات الكيماوية
25	Rubber & plastic products	58,273	1,642	1,901	0	98	61,914	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	98,678	1,559	6,904	692	51	107,884	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	2,198	206	79	0	70	2,552	صناعة الفلزات القاعدية
28	Fabricated metal products	74,150	1,415	850	571	0	76,987	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	55,130	-644	974	274	0	55,735	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery	1,629	84	10	0	0	1,723	صنع آلات المكاتب والمحاسبة وآلات الحساب الإلكتروني
31	Electrical machinery and apparatus	29,279	1,346	152	21	0	30,798	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	984	8	36	0	0	1,027	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	758	0	28	0	100	885	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods	88,170	2,879	809	118	0	91,976	صنع الأثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	1,210	-1	88	0	0	1,297	صنع غاز الاستصباح، توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	1,563	8	71	0	0	1,642	جمع وتنقية وتوزيع المياه
	<b>10-19 workers</b>	<b>734,874</b>	<b>16,715</b>	<b>20,155</b>	<b>2,228</b>	<b>824</b>	<b>774,796</b>	<b>عامل 19 - 10</b>
	<b>in % of total</b>	<b>11.6%</b>	<b>9.1%</b>	<b>10.5%</b>	<b>3.9%</b>	<b>13.3%</b>	<b>11.4%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages	214,497	3,048	4,041	0	0	221,585	صنع المنتجات الغذائية المشروبات

Table II-5.b Industrial Output by Economic Activity and Establishment Size (value in '000 USD)

جدول II- 5.ب توزيع الإنتاج الصناعي بحسب النشاط الاقتصادي وحجم المؤسسة (القيمة بالآلاف الدولارات)

ISIC code	Economic Activity	الإنتاج الصناعي				Income from non-Industrial services	Total output	النشاط الاقتصادي
		Sales of products	Change in stocks of finished & in progress products	Production for own consumption	Income from industrial services			
17	Textiles	5,324	72	160	0	107	5,664	صناعة المنسوجات
18	Clothes & dyeing fur	42,575	1,226	464	0	0	44,265	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	10,698	-297	156	0	0	10,557	ديج وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	12,676	488	119	74	0	13,356	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	31,180	70	202	0	0	31,451	صناعة الورق ومنتجاته
22	Printed matter & recorded media	30,248	-629	520	0	0	30,139	الطباعة، النشر والإستسناخ ووسائط الإعلام
24	Chemicals & man-made fibres	113,365	979	1,310	20	196	115,870	صنع المواد ومنتجات الكيماوية
25	Rubber & plastic products	66,651	1,218	1,721	0	0	69,590	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	66,711	696	2,971	202	0	70,581	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	1,543	171	16	0	0	1,729	صناعة الفلزات القاعدية
28	Fabricated metal products	100,418	-455	1,231	25,751	0	126,945	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	42,045	805	828	307	0	43,985	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	112,665	15	570	16	0	113,265	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	1,666	8	0	0	0	1,674	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	3,914	327	65	0	0	4,306	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods	56,346	2,106	517	305	0	59,274	صنع الأثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	5,572	3	11	0	0	5,586	صنع غاز الاستصباح، توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	1,637	-3	42	1	0	1,677	جمع وتنقية وتوزيع المياه
	<b>20-34 workers</b>	<b>919,731</b>	<b>9,848</b>	<b>14,942</b>	<b>26,676</b>	<b>303</b>	<b>971,500</b>	<b>عامل 34 - 20</b>
	<b>in % of total</b>	<b>14.5%</b>	<b>5.4%</b>	<b>7.8%</b>	<b>46.5%</b>	<b>4.9%</b>	<b>14.3%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages	78,523	310	1,939	0	0	80,772	صنع المنتجات الغذائية المشروبات
17	Textiles	14,622	749	310	25	0	15,706	صناعة المنسوجات
18	Clothes & dyeing fur	12,671	357	222	0	0	13,250	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	7,748	201	163	0	0	8,112	ديج وتهيئة الجلود، صنع حقائب الفراء



**Table II-5.b Industrial Output by Economic Activity and Establishment Size (value in '000 USD)**  
**جدول II- 5.ب توزيع الانتاج الصناعي بحسب النشاط الاقتصادي وحجم المؤسسة (القيمة بالآلاف الدولارات)**

ISIC code	Economic Activity	Industrial output				Income from non-Industrial services	Total output	النشاط الاقتصادي
		Sales of products	Change in stocks of finished & in progress products	Production for own consumption	Income from industrial services			
20	Wood products (except furniture)	15,212	1,589	207	0	0	17,008	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	28,645	271	293	0	93	29,302	صناعة الورق ومنتجاته
22	Printed matter & recorded media	19,444	-27	198	0	0	19,616	الطباعة، النشر والاستنساخ ووسائط الإعلام
24	Chemicals & man-made fibres	27,742	-131	542	0	0	28,154	صنع المواد ومنتجات الكيماوية
25	Rubber & plastic products	19,937	182	1,143	0	2	21,264	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	21,057	1,015	869	186	0	23,127	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	62,497	536	139	29	0	63,200	صناعة الفلزات القاعدية
28	Fabricated metal products	33,956	2,442	711	0	0	37,109	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	2,224	-91	19	0	0	2,152	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	4,806	363	114	0	0	5,282	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	2,084	0	2	0	0	2,086	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
36	Furniture & other manufactured goods	35,812	95	436	6	0	36,349	صنع الأثاث، صنع متوجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	100,658	0	34	13	0	100,705	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	1,541	-7	100	0	0	1,634	جمع وتنقية وتوزيع المياه
	<b>35-49 workers</b>	<b>489,180</b>	<b>7,853</b>	<b>7,440</b>	<b>260</b>	<b>95</b>	<b>504,827</b>	<b>عامل 49 - 35</b>
	<b>in % of total</b>	<b>7.7%</b>	<b>4.3%</b>	<b>3.9%</b>	<b>0.5%</b>	<b>1.5%</b>	<b>7.4%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages	226,575	6,425	5,528	0	127	238,655	صنع المنتجات الغذائية المشروبات
17	Textiles	5,422	1,068	49	222	0	6,761	صناعة المنسوجات
18	Clothes & dyeing fur	18,535	-488	710	0	0	18,756	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	2,468	0	9	0	0	2,476	دبغ وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	2,489	50	108	0	0	2,647	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	70,283	5,304	991	0	20	76,597	صناعة الورق ومنتجاته
22	Printed matter & recorded media	56,459	712	965	0	62	58,198	الطباعة، النشر والاستنساخ ووسائط الإعلام
24	Chemicals & man-made fibres	94,718	608	1,486	9,420	51	106,284	صنع المواد ومنتجات الكيماوية
25	Rubber & plastic products	53,052	806	3,115	40	17	57,030	صنع منتجات المطاط واللدائن

**Table II-5.b Industrial Output by Economic Activity and Establishment Size (value in '000 USD)**  
**جدول II- 5.ب توزيع الانتاج الصناعي بحسب النشاط الاقتصادي وحجم المؤسسة (القيمة بالآلاف الدولارات)**

ISIC code	Economic Activity	Industrial output				Income from non-Industrial services	Total output	النشاط الاقتصادي
		Sales of products	Change in stocks of finished & in progress products	Production for own consumption	Income from industrial services			
26	Other non-metallic mineral products	66,981	207	2,791	0	80	70,060	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	4,760	0	25	0	0	4,784	صناعة الفلزات القاعدية
28	Fabricated metal products	159,472	4,591	2,353	5,023	7	171,446	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	22,833	581	300	975	148	24,837	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	50,147	1,276	238	9	0	51,670	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	303	50	18	0	0	371	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
36	Furniture & other manufactured goods	113,867	25,027	2,062	81	130	141,167	صنع الأثاث، صنع متوجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	2,649	7	836	0	0	3,491	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	1,725	0	33	0	0	1,757	جمع وتنقية وتوزيع المياه
	<b>50-99 workers</b>	<b>952,738</b>	<b>46,224</b>	<b>21,614</b>	<b>15,770</b>	<b>642</b>	<b>1,036,987</b>	<b>عامل 99 - 50</b>
	<b>in % of total</b>	<b>15.0%</b>	<b>25.1%</b>	<b>11.2%</b>	<b>27.5%</b>	<b>10.3%</b>	<b>15.2%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages	398,503	2,423	9,309	0	52	410,287	صنع المنتجات الغذائية المشروبات
17	Textiles	18,833	-291	272	0	0	18,814	صناعة المنسوجات
18	Clothes & dyeing fur	1,327	0	106	0	0	1,433	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	4,389	-235	25	0	0	4,179	دبغ وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	2,044	905	46	0	0	2,995	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	38,078	319	2,133	0	0	40,530	صناعة الورق ومنتجاته
22	Printed matter & recorded media	70,946	1,366	1,512	13	0	73,837	الطباعة، النشر والاستنساخ ووسائط الإعلام
24	Chemicals & man-made fibres	164,414	3,436	3,596	0	94	171,539	صنع المواد ومنتجات الكيماوية
25	Rubber & plastic products	44,397	1,496	2,037	0	0	47,930	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	166,944	2,570	17,087	1,938	2,089	190,607	صنع منتجات المعادن اللافلزية الأخرى
28	Fabricated metal products	181,544	7,114	2,834	22	1	191,515	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	20,831	2,618	168	0	0	23,617	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	216,236	5,170	693	3,691	0	225,789	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر

**Table II-5.b Industrial Output by Economic Activity and Establishment Size (value in '000 USD)**  
**جدول II- 5.ب: توزيع الانتاج الصناعي بحسب النشاط الاقتصادي وحجم المؤسسة (القيمة بالآلاف الدولارات)**

ISIC code	Economic Activity	Industrial output					Income from non-Industrial services	Total output	النشاط الاقتصادي
		Sales of products	Change in stocks of finished & in progress products	Production for own consumption	Income from industrial services	Income from non-Industrial services			
36	Furniture & other manufactured goods	37,952	-513	694	0	0	38,132	صنع الأثاث، صنع متفرجات غير مصنفة في مكان آخر	
40	Electricity, gas, steam and hot water supply	76,945	0	95	0	0	77,041	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية	
	<b>100-249 workers in % of total</b>	<b>1,443,380</b>	<b>26,378</b>	<b>40,609</b>	<b>5,664</b>	<b>2,215</b>	<b>1,518,247</b>	<b>عمل 249 - 100</b>	
		<b>22.7%</b>	<b>14.3%</b>	<b>21.1%</b>	<b>9.9%</b>	<b>35.6%</b>	<b>22.3%</b>	<b>النسبة من المجموع</b>	
15	Food products & beverages	462,592	3,633	40,385	0	1,752	508,360	صنع المنتجات الغذائية المشروبات	
18	Clothes & dyeing fur	7,900	-90	401	0	0	8,211	صنع الملابس، وصنع الفراء	
20	Wood products (except furniture)	5,824	2,177	156	0	0	8,157	صناعة الخشب ومنتجاته (باستثناء الأثاث)	
21	Pulp,paper & paper products	180,257	335	8,493	0	0	189,085	صناعة الورق ومنتجاته	
22	Printed matter & recorded media	42,907	900	970	0	0	44,778	الطباعة، النشر والاستنساخ ووسائل الإعلام	
24	Chemicals & man-made fibres	12,412	-113	102	0	5	12,406	صنع المواد والمنتجات الكيميائية	
25	Rubber & plastic products	33,686	1,078	1,418	0	0	36,182	صنع منتجات المطاط واللدائن	
26	Other non-metallic mineral products	253,444	-282	16,288	0	59	269,509	صنع منتجات المعادن اللافلزية الأخرى	
27	Basic metals	15,625	0	352	0	0	15,977	صناعة الفلزات القاعدية	
28	Fabricated metal products	58,490	210	2,586	0	0	61,286	صنع منتجات المعادن المشكلة باستثناء الماكينات	
29	Machinery and equipment.	37,536	-781	1,047	1,884	0	39,685	صنع الآلات والمعدات غير المصنفة في مكان آخر	
31	Electrical machinery and apparatus	218,457	65,298	2,247	0	0	286,002	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر	
	<b>≥ 250 workers in % of total</b>	<b>1,329,129</b>	<b>72,365</b>	<b>74,444</b>	<b>1,884</b>	<b>1,815</b>	<b>1,479,638</b>	<b>أكثر من 250 عامل</b>	
		<b>20.9%</b>	<b>39.3%</b>	<b>38.7%</b>	<b>3.3%</b>	<b>29.2%</b>	<b>21.8%</b>	<b>النسبة من المجموع</b>	
	<b>Total Industries</b>	<b>6,360,332</b>	<b>184,062</b>	<b>192,274</b>	<b>57,406</b>	<b>6,218</b>	<b>6,800,292</b>	<b>المجموع</b>	

**Table II-5.c Industrial Output by Establishment Size (value in '000 USD)**  
**جدول II- 5.ج: توزيع الانتاج الصناعي بحسب حجم المؤسسة (القيمة بالآلاف الدولارات)**

Workforce by class	Nb. of establish.	Industrial output					Income from non-Industrial services	Total output	اليد العاملة
		Sales of products	Change in stocks of finished & in progress products	Production for own consumption	Income from industrial services	Income from non-Industrial services			
<b>5-9 workers in % of total</b>	2,081	491,300	4,679	13,071	4,925	323	514,298	<b>9-5 عمال</b>	
		95.5%	0.9%	2.5%	1.0%	0.1%	100.0%	<b>النسبة من المجموع</b>	
<b>10-19 workers in % of total</b>	1,072	734,874	16,715	20,155	2,228	824	774,796	<b>عمل 19-10</b>	
		94.8%	2.2%	2.6%	0.3%	0.1%	100.0%	<b>النسبة من المجموع</b>	
<b>20-34 workers in % of total</b>	449	919,731	9,848	14,942	26,676	303	971,500	<b>عمل 34-20</b>	
		94.7%	1.0%	1.5%	2.7%	0.0%	100.0%	<b>النسبة من المجموع</b>	
<b>35-49 workers in % of total</b>	146	489,180	7,853	7,440	260	95	504,827	<b>عمل 49-35</b>	
		96.9%	1.6%	1.5%	0.1%	0.0%	100.0%	<b>النسبة من المجموع</b>	
<b>50-99 workers in % of total</b>	166	952,738	46,224	21,614	15,770	642	1,036,987	<b>عمل 99-50</b>	
		91.9%	4.5%	2.1%	1.5%	0.1%	100.0%	<b>النسبة من المجموع</b>	
<b>100-249 workers in % of total</b>	87	1,443,380	26,378	40,609	5,664	2,215	1,518,247	<b>عمل 249-100</b>	
		95.1%	1.7%	2.7%	0.4%	0.1%	100.0%	<b>النسبة من المجموع</b>	
<b>≥ 250 workers in % of total</b>	32	1,329,129	72,365	74,444	1,884	1,815	1,479,638	<b>أكثر من 250 عامل</b>	
		89.8%	4.9%	5.0%	0.1%	0.1%	100.0%	<b>النسبة من المجموع</b>	
<b>Total</b>	<b>4,033</b>	<b>6,360,332</b>	<b>184,062</b>	<b>192,274</b>	<b>57,406</b>	<b>6,218</b>	<b>6,800,292</b>	<b>المجموع</b>	

Table II-6.a: Main Expenditures on Inputs by Economic Activity ( value in '000 USD )  
جدول 6.a: توزيع كلفة المدخلات بحسب النشاط الاقتصادي (القيمة بالآف الدولارات)

ISIC code	Economic Activity	عدد المصانع Nb. of estab-lish.	Type of Expenditures						تغير في المخزون Change of total stocks	مجموع المدخلات Total Input (000\$)	النشاط الاقتصادي	
			المواد الأولية Raw Materials	المحروقات لإنتاج المنتجات Oil Products for Production	المحروقات لإنتاج الكهرباء Oil Products for Own Electricity generation	الطاقة الكهربائية من EDL Electricity from EDL	الطاقة من الإنتاج Other types of Energy for Production	الصيانة Maintenance				غيرها Other
14	Other mining & quarrying products	9	466	94	804	1	10	50	67	0	1,493	نشطة أخرى التعدين واستغلال المحاجر
15	Food products & beverages	736	958,204	26,027	68,148	14,948	1,596	49,436	98,959	24,981	1,192,337	صنع المنتجات الغذائية والمشروبات
17	Textiles	77	36,838	534	1,328	559	19	783	3,801	1,364	42,498	صناعة المنسوجات
18	Clothes & dyeing fur	210	57,097	1,105	2,529	1,341	142	1,148	7,130	1,105	69,387	صنع الملابس تهيئة وصنع الفراء
19	Leather & leather products	105	22,754	439	722	423	59	565	1,904	423	26,443	دبغ وتهيئة الجلود صنع حقائب الفراء
20	Wood products (except furniture)	87	39,601	517	995	400	90	607	2,618	9,245	35,582	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	82	261,249	5,387	12,776	3,184	1,523	5,130	23,842	9,381	303,711	صناعة الورق ومنتجاته
22	Printed matter & recorded media	211	134,365	1,798	5,285	3,851	135	4,835	17,653	6,666	161,256	الطباعة، النشر والاستمساخ ووسائط الإعلام
23	Coke & refined petroleum products	4	14,300	29	38	64	0	315	173	-196	15,115	صنع فحم الكوك ومنتجات النفطية المكررة
24	Chemicals & man-made fibres	193	291,422	15,013	8,896	5,077	1,256	8,325	36,493	8,836	357,646	صنع المواد ومنتجات الكيماوية
25	Rubber & plastic products	168	231,007	2,275	12,410	5,483	427	4,689	8,433	11,128	253,596	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	609	320,030	32,433	50,442	15,918	23,227	26,126	68,610	25,224	511,562	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	10	66,362	38	635	151	4	171	2,197	3,468	66,090	صناعة الفلزات القاعدية
28	Fabricated metal products	558	547,228	7,165	12,189	4,490	833	4,930	17,098	16,381	577,553	صنع منتجات المعادن المشتملة ببستقاء الماكينات
29	Machinery and equipment.	105	145,149	949	3,560	827	79	1,194	7,572	1,372	157,958	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery	3	1,039	32	10	12	0	17	121	-11	1,242	صنع آلات المكاتب والحاسبة وآلات الحساب الإلكتروني
31	Electrical machinery and apparatus	83	511,505	1,671	4,138	926	394	2,277	25,209	23,371	522,750	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	9	2,700	72	69	76	7	95	282	-186	3,487	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	7	3,409	25	96	62	0	50	136	120	3,657	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods	730	238,918	2,964	5,812	2,730	480	3,736	22,391	10,260	266,771	صنع الأثاث، صنع متروجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	26	149,568	602	1,130	181	8	1,179	8,803	1,238	160,234	صنع غاز الاستمساخ؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	11	3,706	272	262	88	12	109	703	229	4,924	جمع وتنقية وتوزيع المياه
	<b>Total</b>	<b>4,033</b>	<b>4,036,917</b>	<b>99,439</b>	<b>192,274</b>	<b>60,793</b>	<b>30,302</b>	<b>115,767</b>	<b>354,195</b>	<b>154,398</b>	<b>4,735,290</b>	<b>المجموع</b>

Table II-6.b: Main Expenditures on Inputs per Establishment by Economic Activity ( value in '000 USD )  
جدول 6.b: توزيع كلفة المدخلات للمصنع الواحد بحسب النشاط الاقتصادي (القيمة بالآف الدولارات)

ISIC code	Economic Activity	عدد المصانع Nb. of estab-lish.	Type of Expenditures						تغير في المخزون Change of total stocks	مجموع المدخلات Total Input (000\$)	النشاط الاقتصادي	
			المواد الأولية Raw Materials	المحروقات لإنتاج المنتجات Oil Products for Production	المحروقات لإنتاج الكهرباء Oil Products for Own Electricity generation	الطاقة الكهربائية من EDL Electricity from EDL	الطاقة من الإنتاج Other types of Energy for Production	غيرها من الطاقة لإنتاج المنتجات Other types of Energy for Production				الصيانة Maintenance
14	Other mining & quarrying products	9	51.8	10.5	89.3	0.1	1.1	5.6	7.4	0	166	نشطة أخرى التعدين واستغلال المحاجر
15	Food products & beverages	736	1301.9	35.4	92.6	20.3	2.2	67.2	134.5	34	1620	صنع المنتجات الغذائية والمشروبات
17	Textiles	77	478.4	6.9	17.2	7.3	0.3	10.2	49.4	18	552	صناعة المنسوجات
18	Clothes & dyeing fur	210	271.9	5.3	12.0	6.4	0.7	5.5	34.0	5	330	صنع الملابس تهيئة وصنع الفراء
19	Leather & leather products	105	216.7	4.2	6.9	4.0	0.6	5.4	18.1	4	252	دبغ وتهيئة الجلود صنع حقائب الفراء
20	Wood products (except furniture)	87	455.2	5.9	11.4	4.6	1.0	7.0	30.1	106	409	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	82	3186.0	65.7	155.8	38.8	18.6	62.6	290.8	114	3704	صناعة الورق ومنتجاته
22	Printed matter & recorded media	211	636.8	8.5	25.0	18.2	0.6	22.9	83.7	32	764	الطباعة، النشر والاستمساخ ووسائط الإعلام
23	Coke & refined petroleum products	4	3575.0	7.2	9.6	15.9	0.0	78.8	43.4	-49	3779	صنع فحم الكوك ومنتجات النفطية المكررة
24	Chemicals & man-made fibres	193	1510.0	77.8	46.1	26.3	6.5	43.1	189.1	46	1853	صنع المواد ومنتجات الكيماوية
25	Rubber & plastic products	168	1375.0	13.5	73.9	32.6	2.5	27.9	50.2	66	1509	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	609	525.5	53.3	82.8	26.1	38.1	42.9	112.7	41	840	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	10	6636.2	3.8	63.5	15.1	0.4	17.1	219.7	347	6609	صناعة الفلزات القاعدية
28	Fabricated metal products	558	980.7	12.8	21.8	8.0	1.5	8.8	30.6	29	1035	صنع منتجات المعادن المشتملة ببستقاء الماكينات
29	Machinery and equipment.	105	1382.4	9.0	33.9	7.9	0.7	11.4	72.1	13	1504	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery	3	346.3	10.6	3.4	3.9	0.0	5.7	40.4	-4	414	صنع آلات المكاتب والحاسبة وآلات الحساب الإلكتروني
31	Electrical machinery and apparatus	83	6162.7	20.1	49.9	11.2	4.8	27.4	303.7	282	6298	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	9	300.0	8.0	7.6	8.5	0.7	10.5	31.4	-21	387	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	7	487.0	3.5	13.7	8.9	0.0	7.1	19.4	17	522	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods	730	327.3	4.1	8.0	3.7	0.7	5.1	30.7	14	365	صنع الأثاث، صنع متروجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	26	5752.6	23.2	43.5	6.9	0.3	45.4	338.6	48	6163	صنع غاز الاستمساخ؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	11	336.9	24.7	23.8	8.0	1.1	9.9	63.9	21	448	جمع وتنقية وتوزيع المياه
	<b>Total</b>	<b>4,033</b>	<b>1001.0</b>	<b>24.7</b>	<b>47.7</b>	<b>15.1</b>	<b>7.5</b>	<b>28.7</b>	<b>87.8</b>	<b>38</b>	<b>1174.1</b>	<b>المجموع</b>



Table II-6.c : Distribution of Expenditures on Inputs by Economic Activity and Establishment Size  
جدول II-6.c : توزيع كلفة المدخلات بحسب النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	Type of Expenditures							Change of total stocks	Total Input (000\$)	النشاط الاقتصادي
		المواد الأولية Raw Materials	المحروقات لإنتاج المنتجات Oil Products for Production	المحروقات لإنتاج الكهرباء Oil Products for Own Electricity generation	الطاقة الكهربائية من EDL Electricity from EDL	غيرها من الطاقة للإنتاج Other types of Energy for Production	الصيانة Maintenance	غيرها Other			
14	Other mining & quarrying products	21.0%	16.0%	54.6%	0.1%	2.0%	2.0%	4.1%	0.0%	486	نشطة أخرى للتعدين واستغلال المحاجر
15	Food products & beverages	88.3%	3.0%	3.1%	1.4%	0.1%	0.9%	2.9%	-0.4%	86,936	صنع المنتجات الغذائية والمشروبات
17	Textiles	80.0%	2.8%	5.5%	1.7%	0.1%	2.0%	6.6%	-1.3%	4,530	صناعة المنسوجات
18	Clothes & dyeing fur	81.5%	2.4%	3.8%	2.5%	0.3%	1.5%	8.6%	0.6%	8,803	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	80.7%	2.3%	2.2%	1.5%	0.4%	1.3%	6.4%	-5.2%	7,022	ديج وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	89.2%	1.8%	2.4%	1.9%	0.2%	1.7%	4.1%	1.3%	7,831	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp, paper & paper products	104.6%	1.0%	3.5%	1.3%	0.0%	1.9%	3.4%	15.7%	6,325	صناعة الورق ومنتجاته
22	Printed matter & recorded media	83.2%	1.8%	3.4%	2.5%	0.3%	2.2%	7.0%	0.4%	10,103	الطباعة، النشر والاستنساخ ووسائط الإعلام
23	Coke & refined petroleum products	90.6%	1.6%	1.6%	2.4%	0.0%	0.8%	2.9%	0.0%	81	صنع فحم الكوك والمنتجات النفطية المكررة
24	Chemicals & man-made fibres	89.9%	2.4%	2.0%	0.9%	0.0%	1.7%	4.6%	1.4%	29,458	صنع المواد والمنتجات الكيماوية
25	Rubber & plastic products	88.3%	1.1%	5.1%	2.5%	0.7%	1.9%	3.5%	3.2%	20,970	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	79.0%	2.9%	8.5%	2.0%	0.1%	2.5%	5.3%	0.3%	41,321	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	97.9%	0.1%	1.1%	0.3%	0.0%	0.7%	1.2%	1.4%	2,356	صناعة الفلزات القاعدية
28	Fabricated metal products	90.0%	2.7%	3.3%	1.4%	0.1%	1.3%	4.3%	3.1%	49,497	صنع منتجات المعادن المشكّلة باستثناء الماكينات
29	Machinery and equipment.	92.2%	1.4%	1.9%	1.2%	0.5%	1.2%	4.7%	3.2%	11,817	صنع الآلات والمعدات غير المصنّعة في مكان آخر
31	Electrical machinery and apparatus	80.9%	3.8%	3.9%	2.1%	0.1%	2.0%	5.2%	-2.0%	3,242	صنع الآلات والأجهزة الكهربائية غير المصنّعة في مكان آخر
33	Medical, precision and optical instruments	95.6%	2.2%	3.0%	1.8%	0.9%	1.3%	4.7%	9.5%	430	صنع الأجهزة الطبية وأدوات القياس والآلات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	75.6%	1.8%	1.7%	1.3%	0.0%	1.1%	4.6%	-14.0%	189	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c.	90.9%	2.6%	2.7%	1.8%	0.2%	1.5%	7.1%	6.8%	47,133	صنع الأثاث، صنع متروجات غير مصنّعة في مكان آخر

Table II-6.c : Distribution of Expenditures on Inputs by Economic Activity and Establishment Size  
جدول II-6.c : توزيع كلفة المدخلات بحسب النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	Type of Expenditures							Change of total stocks	Total Input (000\$)	النشاط الاقتصادي
		المواد الأولية Raw Materials	المحروقات لإنتاج المنتجات Oil Products for Production	المحروقات لإنتاج الكهرباء Oil Products for Own Electricity generation	الطاقة الكهربائية من EDL Electricity from EDL	غيرها من الطاقة للإنتاج Other types of Energy for Production	الصيانة Maintenance	غيرها Other			
40	Electricity, gas, steam and hot water supply	95.4%	1.4%	1.2%	0.5%	0.1%	0.6%	1.0%	0.2%	5,424	صنع غاز الاستنساخ؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	53.1%	25.6%	6.8%	0.5%	0.0%	5.4%	12.6%	4.0%	247	جمع وتنقية وتوزيع المياه
	<b>5-9 workers</b>	<b>302,160</b>	<b>8,679</b>	<b>13,071</b>	<b>5,459</b>	<b>606</b>	<b>5,103</b>	<b>15,920</b>	<b>6,796</b>	<b>344,203</b>	<b>9-5 عمال</b>
	<b>in % of total</b>	<b>7.5%</b>	<b>8.7%</b>	<b>6.8%</b>	<b>9.0%</b>	<b>2.0%</b>	<b>4.4%</b>	<b>4.5%</b>	<b>4.4%</b>	<b>7.3%</b>	<b>النسبة من المجموع</b>
14	Other mining & quarrying products	36.2%	1.6%	53.5%	0.0%	0.0%	4.0%	4.7%	0.0%	1,007	النشطة أخرى للتعدين واستغلال المحاجر
15	Food products & beverages	90.2%	2.2%	3.1%	1.3%	0.1%	1.3%	3.4%	1.6%	137,327	صنع المنتجات الغذائية والمشروبات
17	Textiles	80.8%	2.4%	3.8%	2.2%	0.2%	2.5%	9.6%	1.3%	7,632	صناعة المنسوجات
18	Clothes & dyeing fur	84.1%	2.0%	3.4%	2.5%	0.7%	2.0%	13.3%	8.0%	8,555	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	92.6%	1.5%	3.9%	2.1%	0.4%	2.3%	8.1%	10.8%	5,430	ديج وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	101.2%	1.7%	3.1%	1.5%	0.2%	1.3%	7.2%	16.2%	5,512	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp, paper & paper products	92.9%	1.3%	2.6%	0.6%	0.1%	1.6%	4.7%	4.0%	17,026	صناعة الورق ومنتجاته
22	Printed matter & recorded media	80.7%	0.8%	3.5%	2.4%	0.2%	3.6%	10.8%	2.1%	21,932	الطباعة، النشر والاستنساخ ووسائط الإعلام
23	Coke & refined petroleum products	94.6%	0.2%	0.2%	0.4%	0.0%	2.1%	1.1%	-1.3%	15,034	صنع فحم الكوك والمنتجات النفطية المكررة
24	Chemicals & man-made fibres	81.8%	2.3%	4.6%	1.1%	0.4%	2.5%	8.6%	1.3%	27,879	صنع المواد والمنتجات الكيماوية
25	Rubber & plastic products	92.2%	0.8%	4.0%	2.2%	0.4%	2.1%	2.9%	4.7%	48,015	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	79.0%	4.3%	9.9%	1.5%	0.5%	3.4%	4.1%	2.7%	70,016	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	97.0%	0.0%	4.3%	1.5%	0.0%	0.5%	5.9%	9.2%	1,843	صناعة الفلزات القاعدية
28	Fabricated metal products	92.7%	1.3%	1.5%	0.9%	0.1%	1.4%	3.3%	1.2%	56,806	صنع منتجات المعادن المشكّلة باستثناء الماكينات
29	Machinery and equipment.	91.8%	0.7%	2.2%	0.3%	0.0%	0.6%	3.8%	-0.6%	44,786	صنع الآلات والمعدات غير المصنّعة في مكان آخر

Table II-6.c : Distribution of Expenditures on Inputs by Economic Activity and Establishment Size  
جدول II-6.c : توزيع كتلة المدخلات بحسب النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	Type of Expenditures						Change of total stocks في المخزون	Total Input (000\$) مجموع المدخلات	النشاط الاقتصادي
		المواد الأولية Raw Materials	المحروقات لإنتاج المنتجات Oil Products for Production	المحروقات لإنتاج الكهرباء Oil Products for Own Electricity generation	الطاقة الكهربائية من EDL Electricity from EDL	غيرها من الطاقة لإنتاج المنتجات Other types of Energy for Production	الصيانة Maintenance			
30	Office, accounting and computing machinery	83.7%	2.6%	0.8%	0.9%	0.0%	1.4%	9.8%	1,242	صنع آلات المكاتب والمحاسبة وآلات الحاسب الإلكتروني
31	Electrical machinery and apparatus	97.9%	0.3%	0.7%	0.4%	0.0%	0.6%	5.5%	22,242	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	81.5%	1.2%	5.5%	2.3%	0.0%	3.5%	6.0%	646	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	89.7%	0.9%	6.2%	2.8%	0.0%	1.9%	8.4%	447	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c.	85.8%	1.6%	1.7%	1.1%	0.2%	1.3%	8.3%	47,155	صنع الأثاث، صنع متفرجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	81.9%	2.6%	10.5%	3.1%	0.5%	0.2%	0.8%	843	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	75.5%	9.2%	6.5%	1.8%	0.4%	2.4%	12.0%	1,103	جمع وتنقية وتوزيع المياه
	<b>10-19 workers</b>	<b>479,700</b>	<b>10,072</b>	<b>20,155</b>	<b>6,798</b>	<b>1,145</b>	<b>9,804</b>	<b>26,557</b>	<b>542,478</b>	<b>النسبة من عمال 19 - 10</b>
	<b>in % of total</b>	<b>11.9%</b>	<b>10.1%</b>	<b>10.5%</b>	<b>11.2%</b>	<b>3.8%</b>	<b>8.5%</b>	<b>7.5%</b>	<b>11.5%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages	93.0%	1.7%	2.3%	1.0%	0.2%	1.2%	3.2%	176,457	صنع المنتجات الغذائية والمشروبات
17	Textiles	86.4%	1.2%	4.9%	2.2%	0.0%	3.6%	10.7%	3,240	صناعة المنسوجات
18	Clothes & dyeing fur	86.8%	1.0%	1.6%	1.2%	0.1%	1.1%	9.7%	28,981	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	85.4%	1.4%	2.6%	1.9%	0.1%	2.1%	7.9%	6,043	ديبج وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	165.6%	1.2%	1.8%	0.9%	0.9%	1.0%	13.7%	6,753	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp, paper & paper products	97.9%	0.4%	0.8%	0.6%	0.0%	1.0%	2.5%	26,578	صناعة الورق ومنتجاته
22	Printed matter & recorded media	81.1%	1.3%	3.1%	2.6%	0.1%	3.1%	9.9%	16,824	الطباعة، النشر والاستنساخ ووسائط الإعلام
24	Chemicals & man-made fibres	87.9%	3.0%	1.5%	0.3%	0.0%	1.5%	6.4%	85,569	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products	96.8%	0.7%	3.0%	1.3%	0.1%	0.9%	2.7%	56,684	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	74.0%	7.5%	6.3%	3.0%	0.4%	5.4%	6.2%	47,404	صنع منتجات المعادن اللافلزية الأخرى

Table II-6.c : Distribution of Expenditures on Inputs by Economic Activity and Establishment Size  
جدول II-6.c : توزيع كتلة المدخلات بحسب النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	Type of Expenditures						Change of total stocks في المخزون	Total Input (000\$) مجموع المدخلات	النشاط الاقتصادي
		المواد الأولية Raw Materials	المحروقات لإنتاج المنتجات Oil Products for Production	المحروقات لإنتاج الكهرباء Oil Products for Own Electricity generation	الطاقة الكهربائية من EDL Electricity from EDL	غيرها من الطاقة لإنتاج المنتجات Other types of Energy for Production	الصيانة Maintenance			
27	Basic metals	90.3%	0.0%	1.5%	0.9%	0.0%	0.7%	14.5%	1,072	صناعة الفلزات القاعدية
28	Fabricated metal products	97.2%	0.8%	1.3%	0.6%	0.0%	1.0%	4.1%	97,002	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	100.8%	1.0%	2.7%	0.4%	0.0%	1.2%	6.2%	31,215	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	97.4%	0.6%	0.6%	0.2%	0.4%	0.7%	2.9%	88,810	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	71.1%	1.2%	0.0%	2.0%	0.3%	2.5%	8.0%	902	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	94.8%	0.6%	2.1%	1.6%	0.0%	1.3%	3.0%	3,021	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c.	94.5%	0.7%	1.3%	0.9%	0.0%	1.0%	9.4%	39,708	صنع الأثاث، صنع متفرجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	99.4%	0.0%	0.2%	0.0%	0.0%	0.0%	0.1%	5,341	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	80.7%	0.6%	3.3%	0.4%	0.1%	3.3%	11.7%	1,251	جمع وتنقية وتوزيع المياه
	<b>20-34 workers</b>	<b>673,666</b>	<b>12,337</b>	<b>14,942</b>	<b>6,731</b>	<b>1,157</b>	<b>10,441</b>	<b>35,167</b>	<b>722,855</b>	<b>النسبة من عمال 34 - 20</b>
	<b>in % of total</b>	<b>16.7%</b>	<b>12.4%</b>	<b>7.8%</b>	<b>11.1%</b>	<b>3.8%</b>	<b>9.0%</b>	<b>9.9%</b>	<b>20.5%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages	92.4%	2.1%	3.2%	1.2%	0.0%	1.3%	4.1%	60,764	صنع المنتجات الغذائية والمشروبات
17	Textiles	84.4%	0.8%	2.7%	0.4%	0.0%	1.4%	9.4%	11,378	صناعة المنسوجات
18	Clothes & dyeing fur	84.8%	0.8%	2.4%	1.8%	0.1%	1.2%	11.5%	9,309	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	89.0%	2.0%	3.5%	1.3%	0.0%	1.0%	5.4%	4,667	ديبج وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	107.3%	1.5%	2.2%	0.8%	0.0%	1.7%	5.8%	9,327	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp, paper & paper products	93.9%	0.7%	1.3%	0.7%	0.0%	1.4%	4.5%	21,737	صناعة الورق ومنتجاته
22	Printed matter & recorded media	75.7%	0.3%	1.9%	2.9%	0.1%	3.7%	15.4%	10,630	الطباعة، النشر والاستنساخ ووسائط الإعلام
24	Chemicals & man-made fibres	61.5%	3.5%	2.6%	2.1%	0.0%	2.6%	31.2%	20,916	صنع المواد والمنتجات الكيميائية

Table II-6.c : Distribution of Expenditures on Inputs by Economic Activity and Establishment Size  
جدول II-6.c : توزيع كلفة المدخلات بحسب النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	Type of Expenditures						Change of total stocks في المخزون	Total Input (000\$) مجموع المدخلات		
		المواد الأولية Raw Materials	المحروقات لإنتاج المنتجات البترولية Oil Products for Production	المحروقات لإنتاج الكهرباء Oil Products for Own Electricity generation	الطاقة الكهربائية من EDL Electricity from EDL	غيرها من الطاقة لإنتاج المنتجات الأخرى Other types of Energy for Production	الصيانة Maintenance			غيرها Other	
25	Rubber & plastic products	80.1%	0.6%	8.5%	3.8%	0.1%	4.0%	4.8%	13,399	2.0%	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	81.9%	11.7%	5.4%	0.5%	0.0%	5.5%	6.2%	16,234	11.2%	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	102.0%	0.1%	0.3%	0.1%	0.0%	0.3%	3.6%	50,806	6.3%	صناعة الفلزات القاعدية
28	Fabricated metal products	89.4%	1.4%	2.7%	0.9%	0.0%	3.0%	3.8%	25,903	1.2%	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	93.0%	1.2%	1.3%	0.8%	0.0%	0.7%	2.9%	1,440	0.0%	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	77.6%	2.5%	3.1%	1.1%	0.1%	0.4%	17.0%	3,642	1.8%	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	75.6%	1.8%	0.2%	1.3%	0.0%	2.7%	9.9%	1,307	-8.6%	صنع الأجهزة الطبية وأدوات القياس والآلات البصرية والساعات
36	Furniture & other manufactured goods n.e.c.	89.9%	0.8%	1.9%	1.1%	1.1%	1.4%	8.8%	23,301	5.0%	صنع الأثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	98.5%	0.0%	0.0%	0.1%	0.0%	0.8%	1.0%	94,149	0.4%	صنع غاز الاستنساخ؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	83.9%	0.0%	7.7%	1.0%	0.5%	1.1%	15.7%	1,294	10.0%	جمع وتقية وتوزيع المياه
	<b>35-49 workers</b>	<b>347,987</b>	<b>5,344</b>	<b>7,440</b>	<b>3,180</b>	<b>334</b>	<b>6,021</b>	<b>23,015</b>	<b>380,202</b>	<b>13,118</b>	
	<b>in % of total</b>	<b>8.6%</b>	<b>5.4%</b>	<b>3.9%</b>	<b>5.2%</b>	<b>1.1%</b>	<b>5.2%</b>	<b>6.5%</b>	<b>8.0%</b>	<b>8.5%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages	92.8%	2.4%	3.2%	1.2%	0.2%	1.8%	4.6%	175,447	6.1%	صنع المنتجات الغذائية والمشروبات
17	Textiles	84.3%	0.0%	1.0%	0.5%	0.0%	1.3%	12.8%	4,755	0.0%	صناعة المنسوجات
18	Clothes & dyeing fur	72.8%	1.9%	7.0%	2.9%	0.2%	2.3%	10.3%	10,204	-2.7%	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	94.1%	0.2%	0.6%	0.2%	0.0%	7.0%	3.2%	1,529	5.3%	دبغ وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	71.4%	0.0%	8.9%	0.1%	0.0%	2.4%	18.4%	1,214	1.2%	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	96.2%	1.7%	1.7%	1.1%	0.0%	0.9%	2.2%	59,126	3.8%	صناعة الورق ومنتجاته
22	Printed matter & recorded media	92.1%	0.9%	2.8%	1.6%	0.0%	2.7%	6.7%	34,171	6.9%	الطباعة، النشر والاستنساخ ووسائط الإعلام

Table II-6.c : Distribution of Expenditures on Inputs by Economic Activity and Establishment Size  
جدول II-6.c : توزيع كلفة المدخلات بحسب النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	Type of Expenditures						Change of total stocks في المخزون	Total Input (000\$) مجموع المدخلات		
		المواد الأولية Raw Materials	المحروقات لإنتاج المنتجات البترولية Oil Products for Production	المحروقات لإنتاج الكهرباء Oil Products for Own Electricity generation	الطاقة الكهربائية من EDL Electricity from EDL	غيرها من الطاقة لإنتاج المنتجات الأخرى Other types of Energy for Production	الصيانة Maintenance			غيرها Other	
24	Chemicals & man-made fibres	87.8%	1.9%	1.9%	0.6%	1.4%	1.5%	10.0%	78,708	5.0%	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products	86.2%	1.7%	6.4%	2.4%	0.0%	1.9%	3.0%	48,669	1.6%	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	78.6%	6.0%	5.4%	0.9%	0.1%	3.1%	8.3%	51,509	2.5%	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	98.0%	0.1%	0.5%	0.4%	0.0%	0.1%	0.9%	4,810	0.1%	صناعة الفلزات القاعدية
28	Fabricated metal products	96.1%	0.6%	1.8%	0.7%	0.0%	0.9%	3.3%	134,131	3.3%	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	92.0%	0.4%	1.8%	0.5%	0.0%	0.7%	6.8%	16,991	2.1%	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	101.5%	0.3%	0.6%	0.4%	0.0%	0.5%	3.9%	42,246	7.1%	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	66.2%	9.9%	9.1%	9.5%	0.0%	4.1%	11.2%	202	9.9%	صنع الأجهزة الطبية وأدوات القياس والآلات البصرية والساعات
36	Furniture & other manufactured goods n.e.c.	93.4%	0.3%	2.4%	0.5%	0.0%	1.6%	5.0%	84,469	3.4%	صنع الأثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	17.8%	13.3%	58.3%	2.5%	0.0%	5.4%	3.3%	1,433	0.7%	صنع غاز الاستنساخ؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	62.8%	9.7%	3.2%	4.6%	0.0%	1.3%	18.4%	1,028	0.0%	جمع وتقية وتوزيع المياه
	<b>50-99 workers</b>	<b>688,417</b>	<b>12,766</b>	<b>21,614</b>	<b>7,412</b>	<b>1,715</b>	<b>11,839</b>	<b>38,821</b>	<b>750,642</b>	<b>31,941</b>	
	<b>in % of total</b>	<b>17.1%</b>	<b>12.8%</b>	<b>11.2%</b>	<b>12.2%</b>	<b>5.7%</b>	<b>10.2%</b>	<b>11.0%</b>	<b>15.9%</b>	<b>20.7%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages	85.7%	2.8%	3.5%	1.2%	0.0%	2.2%	8.2%	266,240	3.6%	صنع المنتجات الغذائية والمشروبات
17	Textiles	97.0%	0.8%	2.5%	1.6%	0.0%	1.5%	6.8%	10,963	10.2%	صناعة المنسوجات
18	Clothes & dyeing fur	65.1%	4.3%	22.8%	5.1%	0.0%	1.0%	1.7%	466	0.0%	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	75.1%	0.5%	1.4%	1.6%	0.0%	4.0%	13.6%	1,753	-3.7%	دبغ وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	101.9%	3.1%	3.0%	1.2%	0.0%	3.5%	6.5%	1,562	19.2%	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	71.4%	11.7%	8.2%	6.6%	0.0%	2.2%	3.0%	25,968	3.0%	صناعة الورق ومنتجاته



Table II-6.c : Distribution of Expenditures on Inputs by Economic Activity and Establishment Size  
جدول II-6.c : توزيع كتلة المدخلات بحسب النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	Type of Expenditures							Change of total stocks	Total Input (000\$)	النشاط الاقتصادي
		المواد الأولية Raw Materials	المحروقات لإنتاج المنتجات البترولية Oil Products for Production	المحروقات لإنتاج الكهرباء Oil Products for Own Electricity generation	الطاقة الكهربائية من EDL Electricity from EDL	الطاقة للانتاج لغيرها من الطاقة Other types of Energy for Production	الصيانة Maintenance	غيرها Other			
22	Printed matter & recorded media	93.7%	0.5%	4.0%	2.3%	0.1%	3.4%	5.2%	9.2%	38,023	الطباعة، النشر والإستسناخ ووسائل الإعلام
24	Chemicals & man-made fibres	72.6%	8.0%	3.3%	3.0%	0.0%	3.7%	11.3%	2.0%	107,444	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products	93.1%	1.2%	6.6%	1.1%	0.0%	3.6%	7.8%	13.5%	30,713	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	31.9%	0.8%	13.5%	0.4%	17.8%	6.6%	33.2%	4.3%	126,170	صنع منتجات المعادن اللافلزية الأخرى
28	Fabricated metal products	97.3%	0.5%	1.7%	0.2%	0.4%	0.3%	1.1%	1.5%	164,822	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	87.2%	0.0%	1.1%	0.3%	0.0%	1.5%	8.7%	-1.2%	14,756	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	94.7%	0.2%	0.4%	0.1%	0.0%	0.2%	5.3%	0.8%	189,826	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
36	Furniture & other manufactured goods n.e.c.	72.7%	0.8%	2.8%	1.3%	0.0%	1.2%	20.7%	-0.4%	25,004	صنع الإثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	85.6%	0.6%	0.2%	0.1%	0.0%	0.6%	14.7%	1.7%	53,044	صنع غاز الاستسناخ؛ توزيع أنواع الوقود الغازية
	<b>100-249 workers</b>	<b>859,481</b>	<b>22,666</b>	<b>40,609</b>	<b>11,061</b>	<b>23,189</b>	<b>23,172</b>	<b>108,163</b>	<b>31,588</b>	<b>1,056,754</b>	<b>249 - عمال</b>
	<b>in % of total</b>	<b>21.3%</b>	<b>22.8%</b>	<b>21.1%</b>	<b>18.2%</b>	<b>76.5%</b>	<b>20.0%</b>	<b>30.5%</b>	<b>20.5%</b>	<b>22.3%</b>	<b>النسبة من المجموع</b>
15	Food products & beverages	50.7%	1.5%	14.0%	1.5%	0.2%	12.0%	18.7%	-1.5%	289,165	صنع المنتجات الغذائية والمشروبات
18	Clothes & dyeing fur	63.3%	4.4%	13.1%	2.6%	0.0%	5.2%	9.4%	-2.0%	3,070	صنع الملابس، تهيئة وصنع الفراء
20	Wood products (except furniture)	100.2%	0.6%	4.6%	0.6%	0.0%	2.6%	3.2%	11.8%	3,382	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp, paper & paper products	79.6%	0.5%	5.8%	0.2%	1.0%	2.1%	13.0%	2.2%	146,950	صناعة الورق ومنتجاته
22	Printed matter & recorded media	65.7%	2.3%	3.3%	3.1%	0.0%	2.3%	23.6%	0.4%	29,574	الطباعة، النشر والإستسناخ ووسائل الإعلام
24	Chemicals & man-made fibres	92.1%	3.4%	1.3%	1.3%	0.0%	1.2%	8.5%	7.8%	7,672	صنع المواد والمنتجات الكيميائية
25	Rubber & plastic products	91.2%	0.0%	4.0%	3.3%	0.0%	0.5%	0.6%	-0.4%	35,145	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	64.8%	11.7%	10.2%	7.2%	0.1%	5.9%	8.4%	8.4%	158,907	صنع منتجات المعادن اللافلزية الأخرى

Table II-6.c : Distribution of Expenditures on Inputs by Economic Activity and Establishment Size  
جدول II-6.c : توزيع كتلة المدخلات بحسب النشاط الاقتصادي وحجم المؤسسة

ISIC code	Economic Activity	Type of Expenditures							Change of total stocks	Total Input (000\$)	النشاط الاقتصادي
		المواد الأولية Raw Materials	المحروقات لإنتاج المنتجات البترولية Oil Products for Production	المحروقات لإنتاج الكهرباء Oil Products for Own Electricity generation	الطاقة الكهربائية من EDL Electricity from EDL	الطاقة للانتاج لغيرها من الطاقة Other types of Energy for Production	الصيانة Maintenance	غيرها Other			
27	Basic metals	91.7%	0.0%	6.8%	1.1%	0.0%	0.0%	0.4%	0.0%	5,202	صناعة الفلزات القاعدية
28	Fabricated metal products	87.8%	4.6%	5.2%	2.5%	0.0%	0.2%	3.8%	4.1%	49,392	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	86.1%	0.1%	2.8%	0.7%	0.0%	0.1%	2.4%	-7.7%	36,954	صنع الآلات والمعدات غير المصنفة في مكان آخر
31	Electrical machinery and apparatus	101.4%	0.2%	1.3%	0.1%	0.0%	0.5%	5.2%	8.8%	172,741	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
	<b>≥250 workers</b>	<b>685,505</b>	<b>27,575</b>	<b>74,444</b>	<b>20,152</b>	<b>2,157</b>	<b>49,386</b>	<b>106,554</b>	<b>27,617</b>	<b>938,155</b>	<b>أكثر من 250 عامل</b>
	<b>in % of total</b>	<b>17.0%</b>	<b>27.7%</b>	<b>38.7%</b>	<b>33.1%</b>	<b>7.1%</b>	<b>42.7%</b>	<b>30.1%</b>	<b>17.9%</b>	<b>19.8%</b>	<b>النسبة من المجموع</b>
	<b>Total Industries</b>	<b>4,036,917</b>	<b>99,439</b>	<b>192,274</b>	<b>60,793</b>	<b>30,302</b>	<b>115,767</b>	<b>354,195</b>	<b>154,398</b>	<b>4,735,290</b>	<b>المجموع العام</b>

**Table II-7.a: Fixed Assets at the end of 2007 by Economic Activity (values in USD '000)**  
**جدول II-7.a: توزيع القيمة الصافية الثابتة لاصول النشاط الاقتصادي (القيمة بالآلاف الدولارات)**

ISIC code	Economic Activity	عدد المصانع Nb. of establish.	الأراضي Land	البنية Building	الآلات Machinery	الآلات النقل Vehicles	الحاسوب Computers	معدات حماية البيئة Environ-mental equipment	غيره Other	مجموع القيم الثابتة Fixed assets	النسبة من المجموع	النشاط الاقتصادي
14	Other mining & quarrying products	9	643	316	1,666	1,159	0	0	0	3,784	0.1%	النشطة اخرى للتعدين واستغلال المحاجر
15	Food products & beverages	736	219,758	312,686	540,845	51,941	20,067	1,034	72,537	1,218,869	30.5%	صنع المنتجات الغذائية والمشروبات
17	Textiles	77	5,390	24,201	16,338	1,617	722	28	1,631	49,925	1.2%	صناعة المنسوجات
18	Clothes & dyeing fur	210	16,497	20,093	24,292	2,455	753	99	2,681	66,871	1.7%	صنع الملابس، تهيئة و صنع الفراء
19	Leather & leather products	105	11,146	15,492	12,869	928	376	329	4,061	45,201	1.1%	دبغ وتهيئة الجلود صنع حقائب الفراء
20	Wood products (except furniture)	87	4,025	9,324	10,028	1,393	251	306	1,420	26,745	0.7%	صناعة الورق ومنتجات الورق
21	Pulp,paper & paper products	82	32,380	41,503	135,617	6,018	1,631	173	8,098	225,421	5.6%	صناعة الخشب و منتجاته (باستثناء الاثاث)
22	Printed matter & recorded media	211	19,762	33,654	148,998	3,938	4,660	199	16,078	227,289	5.7%	الطباعة و النشر و استنساخ و سائط الإعلام
23	Coke & refined petroleum products	4	133	195	6,318	290	373	0	950	8,259	0.2%	صنع فحم الكوك و المنتجات النفطية المكرر
24	Chemicals & man-made fibres	193	78,275	86,743	114,248	18,100	4,245	748	22,731	325,091	8.1%	صنع المواد و المنتجات الكيميائية
25	Rubber & plastic products	168	25,180	49,629	107,762	5,082	1,642	195	3,940	193,430	4.8%	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	609	200,162	159,502	425,476	34,193	2,359	453	28,791	850,937	21.3%	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	10	2,015	2,734	9,917	269	116	72	3,631	18,753	0.5%	صناعة الفلزات القاعدية
28	Fabricated metal products	558	87,218	74,831	123,520	12,914	2,923	556	13,435	315,397	7.9%	صنع منتجات المعادن المشكلة باستثناء المكينات
29	Machinery and equipment.	105	10,501	17,927	24,283	2,248	1,810	279	1,687	58,734	1.5%	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery	3	0	46	47	97	36	0	22	247	0.0%	صنع آلات المكاتب والمحاسبة وآلات الحاسب الإلكتروني
31	Electrical machinery and apparatus	83	16,412	24,941	32,001	5,423	1,264	265	3,295	83,601	2.1%	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	9	299	320	2,827	187	122	0	504	4,258	0.1%	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	7	0	189	2,544	52	27	0	4	2,816	0.1%	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods	730	38,547	92,322	64,996	9,106	2,858	320	11,553	219,702	5.5%	صنع الاثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	26	23,503	3,566	9,527	2,401	398	26	1,437	40,857	1.0%	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	11	1,440	3,085	4,589	1,325	320	64	1,709	12,533	0.3%	جمع وتنقية وتوزيع المياه
	<b>Total</b>	<b>4,033</b>	<b>793,286</b>	<b>973,298</b>	<b>1,818,707</b>	<b>161,135</b>	<b>46,953</b>	<b>5,145</b>	<b>200,196</b>	<b>3,998,720</b>	<b>100.0%</b>	<b>المجموع</b>

**Table II-7.a: Fixed Assets at the end of 2007 by Economic Activity (values in USD '000)**  
**جدول II-7.a: توزيع القيمة الصافية الثابتة لاصول النشاط الاقتصادي (القيمة بالآلاف الدولارات)**

ISIC code	Economic Activity	عدد المصانع Nb. of establish.	الأراضي Land	البنية Building	الآلات Machinery	الآلات النقل Vehicles	الحاسوب Computers	معدات حماية البيئة Environ-mental equipment	غيره Other	مجموع القيم الثابتة Fixed assets	النسبة من المجموع	النشاط الاقتصادي
14	Other mining & quarrying products	9	17.0%	8.3%	44.0%	30.6%	0.0%	0.0%	0.0%	3,784	0.1%	النشطة اخرى للتعدين واستغلال المحاجر
15	Food products & beverages	736	18.0%	25.7%	44.4%	4.3%	1.6%	0.1%	6.0%	1,218,869	30.5%	صنع المنتجات الغذائية والمشروبات
17	Textiles	77	10.8%	48.5%	32.7%	3.2%	1.4%	0.1%	3.3%	49,925	1.2%	صناعة المنسوجات
18	Clothes & dyeing fur	210	24.7%	30.0%	36.3%	3.7%	1.1%	0.1%	4.0%	66,871	1.7%	صنع الملابس، تهيئة و صنع الفراء
19	Leather & leather products	105	24.7%	34.3%	28.5%	2.1%	0.8%	0.7%	9.0%	45,201	1.1%	دبغ وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	87	15.0%	34.9%	37.5%	5.2%	0.9%	1.1%	5.3%	26,745	0.7%	صناعة الورق ومنتجاته
21	Pulp,paper & paper products	82	14.4%	18.4%	60.2%	2.7%	0.7%	0.1%	3.6%	225,421	5.6%	صناعة الخشب ومنتجاته (باستثناء الاثاث)
22	Printed matter & recorded media	211	8.7%	14.8%	65.6%	1.7%	2.1%	0.1%	7.1%	227,289	5.7%	الطباعة، النشر و الاستنساخ و سائط الإعلام
23	Coke & refined petroleum products	4	1.6%	2.4%	76.5%	3.5%	4.5%	0.0%	11.5%	8,259	0.2%	صنع فحم الكوك و المنتجات النفطية المكررة
24	Chemicals & man-made fibres	193	24.1%	26.7%	35.1%	5.6%	1.3%	0.2%	7.0%	325,091	8.1%	صنع المواد و المنتجات الكيميائية
25	Rubber & plastic products	168	13.0%	25.7%	55.7%	2.6%	0.8%	0.1%	2.0%	193,430	4.8%	صنع منتجات المطاط واللدائن
26	Other non-metallic mineral products	609	23.5%	18.7%	50.0%	4.0%	0.3%	0.1%	3.4%	850,937	21.3%	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	10	10.7%	14.6%	52.9%	1.4%	0.6%	0.4%	19.4%	18,753	0.5%	صناعة الفلزات القاعدية
28	Fabricated metal products	558	27.7%	23.7%	39.2%	4.1%	0.9%	0.2%	4.3%	315,397	7.9%	صنع منتجات المعادن المشكلة باستثناء المكينات
29	Machinery and equipment.	105	17.9%	30.5%	41.3%	3.8%	3.1%	0.5%	2.9%	58,734	1.5%	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery	3	0.0%	18.5%	18.9%	39.0%	14.7%	0.0%	8.9%	247	0.0%	صنع آلات المكاتب والمحاسبة وآلات الحاسب الإلكتروني
31	Electrical machinery and apparatus	83	19.6%	29.8%	38.3%	6.5%	1.5%	0.3%	3.9%	83,601	2.1%	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	9	7.0%	7.5%	66.4%	4.4%	2.9%	0.0%	11.8%	4,258	0.1%	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	7	0.0%	6.7%	90.3%	1.8%	0.9%	0.0%	0.1%	2,816	0.1%	صنع المركبات ذات المحركات المقطورة
36	Furniture & other manufactured goods n.e.c.	730	17.5%	42.0%	29.6%	4.1%	1.3%	0.1%	5.3%	219,702	5.5%	صنع الاثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	26	57.5%	8.7%	23.3%	5.9%	1.0%	0.1%	3.5%	40,857	1.0%	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	11	11.5%	24.6%	36.6%	10.6%	2.6%	0.5%	13.6%	12,533	0.3%	جمع وتنقية وتوزيع المياه
	<b>Total</b>	<b>4,033</b>	<b>19.8%</b>	<b>24.3%</b>	<b>45.5%</b>	<b>4.0%</b>	<b>1.2%</b>	<b>0.1%</b>	<b>5.0%</b>	<b>3,998,720</b>	<b>100.0%</b>	<b>المجموع</b>

Table II-7b: Fixed Assets at the end of 2007 by Establishment Size (values in USD '000)  
جدول II-7.b: توزيع اﻟﺘﺠﺎﺭﺓ ﻟﻼﺳﻤﺎﻟﺔ ﻓﻲ ﻧﻬﺎﻳﺔ ﺳﻨﺔ 2007 ﺑﺤﺴﺐ ﺣﺠﻢ ﺍﻟﻤﻮﺳﺘﺴﻤﺔ (ﺍﻟﻘﻴﻤﺔ ﺑﺎﻻﻓﻰ ﺍﻟﺪﻭﻻﺭﺍﺕ)

Workforce by class	عدد المصانع Nb. of establish.	الارض Land	البنية Building	الالات Machinery	الآلات Vehicles	الحاسب Computers	معدات لحماية البيئة Environmental equipment	غيره Other	مجموع القيم الثابتة Fixed assets	النسبة من المجموع	اليد العاملة
5-9 workers	2,081	101,365	138,379	152,434	19,155	1,744	548	6,386	420,012	10.5%	9-5 عمال
10-19 workers	1,072	93,796	137,503	188,630	26,742	4,017	899	13,910	465,498	11.6%	19-10 عامل
20-34 workers	449	67,669	114,783	176,516	25,979	5,701	1,221	27,117	418,987	10.5%	34-20 عامل
35-49 workers	146	47,864	64,156	87,486	10,397	2,744	304	9,875	222,826	5.6%	49-35 عامل
50-99 workers	166	116,019	135,461	190,375	29,565	5,219	960	31,081	508,679	12.7%	99-50 عامل
100-249 workers	87	94,292	192,394	375,965	25,588	9,702	1,041	36,893	735,874	18.4%	249-100 عامل
≥ 250 workers	32	272,281	190,623	647,301	23,709	17,825	171	74,934	1,226,843	30.7%	أكثر من 250 عامل
<b>Total</b>	<b>4,033</b>	<b>793,286</b>	<b>973,298</b>	<b>1,818,707</b>	<b>161,135</b>	<b>46,953</b>	<b>5,145</b>	<b>200,196</b>	<b>3,998,720</b>	<b>100.0%</b>	<b>المجموع</b>

Table II-7b: Fixed Assets at the end of 2007 by Establishment Size (values in USD '000)  
جدول II-7.b: توزيع اﻟﺘﺠﺎﺭﺓ ﻟﻼﺳﻤﺎﻟﺔ ﻓﻲ ﻧﻬﺎﻳﺔ ﺳﻨﺔ 2007 ﺑﺤﺴﺐ ﺣﺠﻢ ﺍﻟﻤﻮﺳﺘﺴﻤﺔ (ﺍﻟﻘﻴﻤﺔ ﺑﺎﻻﻓﻰ ﺍﻟﺪﻭﻻﺭﺍﺕ)

Workforce by class	عدد المصانع Nb. of establish.	الارض Land	البنية Building	الالات Machinery	الآلات Vehicles	الحاسب Computers	معدات لحماية البيئة Environmental equipment	غيره Other	مجموع القيم الثابتة Fixed assets	النسبة من المجموع	اليد العاملة
5-9 workers	2,081	24.1%	32.9%	36.3%	4.6%	0.4%	0.1%	1.5%	420,012	10.5%	9-5 عمال
10-19 workers	1,072	20.1%	29.5%	40.5%	5.7%	0.9%	0.2%	3.0%	465,498	11.6%	19-10 عامل
20-34 workers	449	16.2%	27.4%	42.1%	6.2%	1.4%	0.3%	6.5%	418,987	10.5%	34-20 عامل
35-49 workers	146	21.5%	28.8%	39.3%	4.7%	1.2%	0.1%	4.4%	222,826	5.6%	49-35 عامل
50-99 workers	166	22.8%	26.6%	37.4%	5.8%	1.0%	0.2%	6.1%	508,679	12.7%	99-50 عامل
100-249 workers	87	12.8%	26.1%	51.1%	3.5%	1.3%	0.1%	5.0%	735,874	18.4%	249-100 عامل
≥ 250 workers	32	22.2%	15.5%	52.8%	1.9%	1.5%	0.0%	6.1%	1,226,843	30.7%	أكثر من 250 عامل
<b>Total</b>	<b>4,033</b>	<b>19.8%</b>	<b>24.3%</b>	<b>45.5%</b>	<b>4.0%</b>	<b>1.2%</b>	<b>0.1%</b>	<b>5.0%</b>	<b>3,998,720</b>	<b>100.0%</b>	<b>المجموع</b>

Table II-8.a: Gross Fixed Capital Formation and Depreciation by Economic Activity (value in USD '000)  
جدول II-8.a: توزيع تكوين الرأسمال الثابت والاهتلاكات بحسب النشاط الاقتصادي (القيمة بالآلاف الدولارات)

ISIC code	Economic Activity	عدد المصانع Nb. of establish.	الارض Land	البنية Building	الالات Machinery	الآلات Vehicles	الحاسب Computers	معدات لحماية البيئة Environmental Equipment	غيره Other	المجموع Total G.F.C.F.	الاهتلاكات Depre- ciation	النشاط الاقتصادي
14	Othersmining & quarrying products	9	0	0	0	0	0	0	0	0	488	انشطة اخرى للتعدين واستغلال المحاجر
15	Food products & beverages	736	3,106	5,452	20,645	3,058	1,003	16	7,824	41,104	85019	صنع المنتجات الغذائية والمشروبات
17	Textiles	77	11	859	811	121	66	19	92	1,978	3651	صناعة المنسوجات
18	Clothes & dyeing fur	210	0	1,499	2,584	261	132	49	229	4,755	3963	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	105	0	70	467	53	8	0	55	653	2878	دبغ وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	87	50	1,526	1,070	242	56	-11	61	2,993	2041	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp, paper & paper products	82	350	3,278	15,065	604	186	28	245	19,756	16425	صناعة الورق ومنتجاته
22	Printed matter & recorded media	211	2	780	20,330	481	585	2	3,675	25,855	19343	الطباعة، النشر والاستمساخ ووسائل الإعلام
23	Coke & refined petroleum products	4	0	0	491	-250	23	0	200	464	1330	صنع فحم الكوك و المنتجات النفطية المكرر
24	Chemicals & man-made fibres	193	1,821	5,934	23,438	1,701	978	110	4,367	38,349	20434	صنع المواد و المنتجات الكيماوية
25	Rubber & plastic products	168	671	2,819	4,668	318	162	20	1,103	9,760	14218	صنع منتجات المطاط واللدائن
26	Othersnon-metallic mineral products	609	449	13,054	82,548	1,787	296	75	638	98,845	79892	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	10	0	3	530	0	9	0	1,454	1,997	1799	صناعة الفلزات القاعدية
28	Fabricated metal products	558	1,370	1,774	14,780	1,045	612	75	1,150	20,806	19365	صنع منتجات المعادن المشكّلة باستثناء الماكينات
29	Machinery and equipment.	105	-118	242	2,949	221	303	7	74	3,677	3757	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery	3	0	0	0	5	2	0	0	7	33	صنع آلات المكاتب والمحاسبة وآلات الحساب الإلكتروني
31	Electrical machinery and apparatus	83	12	2,914	10,279	425	266	2	63	13,961	7486	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	9	0	0	319	100	0	0	340	758	924	صنع الأجهزة الطبية وأدوات القياس والآلات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	7	0	0	299	-2	0	0	0	297	325	صنع المركبات ذات المحركات المقطورة
36	Furniture & Othersmanufactured goods n.e.c.	730	13	1,478	4,184	712	292	12	1,142	7,833	13778	صنع الأثاث، صنع متروجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	26	0	1,494	14	553	52	0	50	2,163	1692	صنع غاز الاستصباح؛ توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	11	0	2	119	0	5	0	4	129	802	جمع وتنقية وتوزيع المياه
<b>Total</b>		<b>4,033</b>	<b>7,737</b>	<b>43,177</b>	<b>205,588</b>	<b>11,433</b>	<b>5,036</b>	<b>403,22,767</b>	<b>296,140</b>	<b>299,642</b>	<b>المجموع</b>	



**Table II-8.a: Gross Fixed Capital Formation and Depreciation by Economic Activity (value in USD '000)**  
**جدول II-8.a: توزيع تكوين الرأسمال الثابت والاهتلاكات بحسب النشاط الاقتصادي (القيمة بالآلاف الدولارات)**

ISIC code	Economic Activity	عدد المصانع Nb. of establish.	الارضيات Land	البنية Building	الات Machinery	الات النقل Vehicles	الحواسيب Computers	معدات لحماية البيئة Environmental Equipment	غيره Other	المجموع Total G.F.C.F.	الاهتلاكات Depre- ciation	النشاط الاقتصادي
14	Othersmining & quarrying products	9	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0	0.2%	انشطة اخرى للتعدين واستغلال المحاجر
15	Food products & beverages	736	7.6%	13.3%	50.2%	7.4%	2.4%	0.0%	19.0%	41,104	28.4%	صنع المنتجات الغذائية والمشروبات
17	Textiles	77	0.5%	43.4%	41.0%	6.1%	3.3%	1.0%	4.6%	1,978	1.2%	صناعة المنسوجات
18	Clothes & dyeing fur	210	0.0%	31.5%	54.3%	5.5%	2.8%	1.0%	4.8%	4,755	1.3%	صنع الملابس، تهيئة وصنع الفراء
19	Leather & leather products	105	0.0%	10.7%	71.5%	8.1%	1.3%	0.0%	8.5%	653	1.0%	ديج وتهيئة الجلود، صنع حقائب الفراء
20	Wood products (except furniture)	87	1.7%	51.0%	35.7%	8.1%	1.9%	-0.4%	2.0%	2,993	0.7%	صناعة الخشب ومنتجاته (باستثناء الأثاث)
21	Pulp,paper & paper products	82	1.8%	16.6%	76.3%	3.1%	0.9%	0.1%	1.2%	19,756	5.5%	صناعة الورق ومنتجاته
22	Printed matter & recorded media	211	0.0%	3.0%	78.6%	1.9%	2.3%	0.0%	14.2%	25,855	6.5%	الطباعة، النشر والامتصاص ووسائط الإعلام
23	Coke & refined petroleum products	4	0.0%	0.0%	105.9%	-53.9%	5.0%	0.0%	43.1%	464	0.4%	صنع فحم الكوك و المنتجات النفطية المكرر
24	Chemicals & man-made fibres	193	4.7%	15.5%	61.1%	4.4%	2.6%	0.3%	11.4%	38,349	6.8%	صنع المواد و المنتجات الكيماوية
25	Rubber & plastic products	168	6.9%	28.9%	47.8%	3.3%	1.7%	0.2%	11.3%	9,760	4.7%	صنع منتجات المطاط واللدائن
26	Othersnon-metallic mineral products	609	0.5%	13.2%	83.5%	1.8%	0.3%	0.1%	0.6%	98,845	26.7%	صنع منتجات المعادن اللافلزية الأخرى
27	Basic metals	10	0.0%	0.2%	26.6%	0.0%	0.4%	0.0%	72.8%	1,997	0.6%	صناعة الفلزات القاعدية
28	Fabricated metal products	558	6.6%	8.5%	71.0%	5.0%	2.9%	0.4%	5.5%	20,806	6.5%	صنع منتجات المعادن المشكلة باستثناء الماكينات
29	Machinery and equipment.	105	-3.2%	6.6%	80.2%	6.0%	8.2%	0.2%	2.0%	3,677	1.3%	صنع الآلات والمعدات غير المصنفة في مكان آخر
30	Office, accounting and computing machinery	3	0.0%	0.0%	0.0%	70.0%	30.0%	0.0%	0.0%	7	0.0%	صنع آلات المكاتب والمحاسبة و آلات الحساب الإلكتروني
31	Electrical machinery and apparatus	83	0.1%	20.9%	73.6%	3.0%	1.9%	0.0%	0.5%	13,961	2.5%	صنع الآلات والأجهزة الكهربائية غير المصنفة في مكان آخر
33	Medical, precision and optical instruments	9	0.0%	0.0%	42.1%	13.1%	0.0%	0.0%	44.8%	758	0.3%	صنع الأجهزة الطبية وأدوات القياس والأدوات البصرية والساعات
34	Motor vehicles, trailers and semi-trailers	7	0.0%	0.0%	100.5%	-0.5%	0.1%	0.0%	0.0%	297	0.1%	صنع المركبات ذات المحركات المقطورة
36	Furniture & Othersmanufactured goods n.e.c.	730	0.2%	18.9%	53.4%	9.1%	3.7%	0.1%	14.6%	7,833	4.6%	صنع الأثاث، صنع منتجات غير مصنفة في مكان آخر
40	Electricity, gas, steam and hot water supply	26	0.0%	69.1%	0.7%	25.5%	2.4%	0.0%	2.3%	2,163	0.6%	صنع غاز الانتصباح، توزيع أنواع الوقود الغازية
41	Collection, purification and distribution of water	11	0.0%	1.4%	91.6%	0.0%	3.6%	0.0%	3.4%	129	0.3%	جمع وتنقية وتوزيع المياه
<b>Total</b>		<b>4,033</b>	<b>2.6%</b>	<b>14.6%</b>	<b>69.4%</b>	<b>3.9%</b>	<b>1.7%</b>	<b>0.1%</b>	<b>7.7%</b>	<b>296,140</b>	<b>100%</b>	<b>المجموع</b>

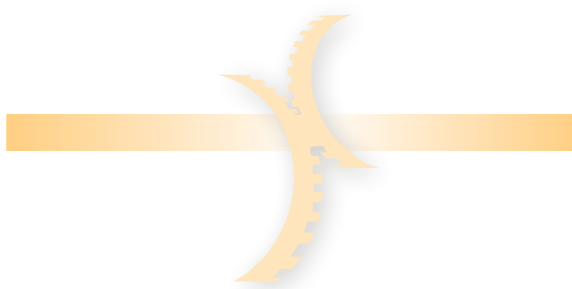
**Table II-8.b: Gross Fixed Capital Formation and Depreciation by Establishment Size (value in USD '000)**  
**جدول II-8.b: توزيع تكوين الرأسمال الثابت والاهتلاكات بحسب حجم المؤسسة (القيمة بالآلاف الدولارات)**

Workforce by class	عدد المصانع Nb. of establish.	الارضيات Land	البنية Building	الات Machinery	الات النقل Vehicles	الحواسيب Computers	معدات لحماية البيئة Environmental Equipment	غيره Other	المجموع Total G.F.C.F.	الاهتلاكات Depreciation	اليد العاملة
5-9 workers	2,081	54	709	7,294	354	138	34	511	9,093	25,188	9-5 عمال
10-19 workers	1,072	391	1,672	8,922	1,319	390	76	1,051	13,821	36,342	19-10 عامل
20-34 workers	449	247	3,464	16,875	2,402	951	156	4,946	29,041	31,464	34-20 عامل
35-49 workers	146	27	4,146	4,600	634	302	34	2,135	11,879	14,632	49-35 عامل
50-99 workers	166	4,111	8,122	21,458	2,005	856	40	2,114	38,706	34,754	99-50 عامل
100-249 workers	87	2,315	9,354	58,801	3,062	1,583	63	10,301	85,478	58,760	249-100 عامل
≥ 250 workers	32	592	15,710	87,638	1,656	817	0	1,709	108,122	98,502	أكثر من 250 عامل
<b>Total</b>	<b>4,033</b>	<b>7,737</b>	<b>43,177</b>	<b>205,588</b>	<b>11,433</b>	<b>5,036</b>	<b>403</b>	<b>22,767</b>	<b>296,140</b>	<b>299,642</b>	<b>المجموع</b>

**Table II-8.b: Gross Fixed Capital Formation and Depreciation by Establishment Size (value in USD '000)**  
**جدول II-8.b: توزيع تكوين الرأسمال الثابت والاهتلاكات بحسب حجم المؤسسة (القيمة بالآلاف الدولارات)**

Workforce by class	عدد المصانع Nb. of establish.	الارضيات Land	البنية Building	الات Machinery	الات النقل Vehicles	الحواسيب Computers	معدات لحماية البيئة Environmental Equipment	غيره Other	المجموع Total G.F.C.F.	الاهتلاكات Depreciation	اليد العاملة
5-9 workers	2,081	0.6%	7.8%	80.2%	3.9%	1.5%	0.4%	5.6%	3.1%	8.4%	9-5 عمال
10-19 workers	1,072	2.8%	12.1%	64.6%	9.5%	2.8%	0.5%	7.6%	4.7%	12.1%	19-10 عامل
20-34 workers	449	0.9%	11.9%	58.1%	8.3%	3.3%	0.5%	17.0%	9.8%	10.5%	34-20 عامل
35-49 workers	146	0.2%	34.9%	38.7%	5.3%	2.5%	0.3%	18.0%	4.1%	4.9%	49-35 عامل
50-99 workers	166	10.6%	21.0%	55.4%	5.2%	2.2%	0.1%	5.5%	13.1%	11.6%	99-50 عامل
100-249 workers	87	2.7%	10.9%	68.8%	3.6%	1.9%	0.1%	12.1%	28.9%	19.6%	249-100 عامل
≥ 250 workers	32	0.5%	14.5%	81.1%	1.5%	0.8%	0.0%	1.6%	36.6%	32.9%	أكثر من 250 عامل
<b>Total</b>	<b>4,033</b>	<b>2.6%</b>	<b>14.6%</b>	<b>69.4%</b>	<b>3.9%</b>	<b>1.7%</b>	<b>0.1%</b>	<b>7.7%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>المجموع</b>

## LIST OF PARTICIPANTS IN THE STUDY



### Supervision Committee

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- Mr. Saad Oueini, ALI General Manager
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### Data Analysis & Report Drafting

- Mr. Roger Melki

### with collaboration of

- Dr. Marie-Christine Tabet
- Mr. Rabih Badran
- Dr. Elie Nehme

## ب. النشاطات الصناعية الرئيسية

• يفتقر القطاع الصناعي اللبناني الى التنوع في أنشطته حيث أن ٨٦٪ من المنشآت الصناعية تتركز في عشرة فروع رئيسية هي: صناعة المواد الغذائية والمشروبات، صناعة الأثاث والمنتجات المماثلة، صناعة النسيج، صناعة الملابس وصبغ وديغ الفرو، صباغة وديباغة الجلد، صناعة الخشب ومشتقاته (باستثناء الأثاث)، صناعة المواد المطاطية والبلاستيكية، صناعة الآلات والمعدات، صناعة المواد الإستخراجية غير المعدنية وصناعة المنتجات المعدنية.

• تحقق هذه الصناعات الرئيسية ما نسبته ٩٠,٧٪ من مجموع القيمة المضافة للقطاع الصناعي، توظف ٨٧,٣٪ من اليد العاملة وتمثل ٩٤,٦٪ من مجموع الإستثمارات الصناعية السنوية.

## ج. حجم المنشآت الصناعية

ان معظم المنشآت الصناعية هي وحدات صغيرة الحجم. ما يقارب ٧٨٪ منها يوظف ما بين ٥ و ١٩ عامل، بينما تمثل المنشآت التي توظف أكثر من ١٠٠ عامل ٣٪ فقط من مجموع المنشآت.

اليد العاملة	٩-٥	١٩-١٠	٣٤-٢٠	٤٩-٣٥	٩٩-٥٠	٢٤٩-١٠٠	أكثر من ٢٥٠	المجموع
عدد المنشآت	٢٠٨١	١٠٧٢	٤٤٩	١٤٦	١٦٦	٨٧	٣٢	٤٠٣٣
٪ من المجموع	٥١,٦٪	٢٦,٦٪	١١,١٪	٣,٦٪	٤,١٪	٢,٢٪	٠,٨٪	١٠٠٪

## د. اليد العاملة

قدرت اليد العاملة في القطاع الصناعي بما يوازي ٨٢٨٤٣ عامل، منهم ٨١٠٠ هم من مالكي المصانع بينما ٤٥٦٠ هم من العمال الموسمين. وتمثل النساء ١٧٪ من مجموع اليد العاملة.

اليد العاملة	٩-٥	١٩-١٠	٣٤-٢٠	٤٩-٣٥	٩٩-٥٠	٢٤٩-١٠٠	أكثر من ٢٥٠	المجموع
مجموع العمال	١٣٧٥٦	١٤٠٩٠	١١٤٦٦	٦٠٤٢	١١١٥٣	١٢٧٠٢	١٣٦٣٥	٨٢٨٤٣
٪ من المجموع	١٦,٦٪	١٧,٠٪	١٣,٨٪	٧,٣٪	١٣,٥٪	١٥,٣٪	١٦,٥٪	١٠٠٪

## هـ. المساحة التشغيلية المبنية

قدرت المساحات التشغيلية المبنية للمؤسسات الصناعية المشمولة بالدراسة بما يقارب ١١,٦ مليون م<sup>٢</sup> أي بمعدل ٢٨٧٧ م<sup>٢</sup> للمؤسسة الواحدة. ويلاحظ أن ٦٢٪ من المؤسسات الصناعية تشغل ما مساحته ٩١٥٠٠٠ م<sup>٢</sup> أي بمعدل ٣٦٤ م<sup>٢</sup> للمؤسسة الواحدة.

## و. سنة التأسيس

٧٠٪ من المؤسسات الصناعية المشمولة بالدراسة، تم تأسيسها قبل العام ٢٠٠٠. وقد تأسس في العقدين الأخيرين ١٦٢٣ وحدة صناعية.

## ٢. التحليل الكمي

### أ. الناتج الصناعي الإجمالي (مخرجات القطاع الصناعي)

• بلغ الناتج الإجمالي للمؤسسات الصناعية التي توظف أكثر من ٤ عمال ما قيمته ٦,٨ مليار دولار أميركي في العام ٢٠٠٧.  
• يقدر الناتج الفردي السنوي للعامل الواحد بحوالي ٨٢٠٨٧ دولار أميركي.  
• يعتبر قطاع صناعة المواد الغذائية والمشروبات المساهم الأكبر في الناتج الصناعي (٢٥,٧٪).

### ب. الإستهلاك الوسيط (مدخلات القطاع الصناعي)

• بلغ الإستهلاك الوسيط للمؤسسات الصناعية ما قيمته ٤,٧٤ مليار دولار أميركي في العام ٢٠٠٧.  
• بلغت قيمة المواد الأولية المستهلكة (قيمة المواد الأولية المشتراة ناقص التغيير في المخزون) ٨٢٪ من مجموع الإستهلاك الوسيط.  
• يمثل الإنفاق على شراء المشتقات النفطية المستعملة لإنتاج الطاقة الكهربائية بواسطة المولدات الخاصة ٤,١٪ من الإستهلاك الوسيط، أما الإنفاق على الكهرباء من الشبكة العامة يمثل ١,٣٪ من الإستهلاك الوسيط. كما يمثل الإنفاق على المشتقات النفطية للإنتاج الصناعي ٢,٧٪ من الإستهلاك الوسيط.  
• يمثل الإنفاق على الصيانة ٢,٤٪ من مجموع الإستهلاك الوسيط.

• بلغت المصاريف التشغيلية الأخرى حوالي ٧,٥٪ من مجمل مدخلات القطاع.

## ج. القيمة المضافة

• بلغت القيمة المضافة للمؤسسات الصناعية ٢,١ مليار دولار أميركي في العام ٢٠٠٧ أي حوالي ٨,٤٪ من الناتج المحلي الإجمالي والمقدر بـ ٢٥,٥ مليار دولار للعام ٢٠٠٧.  
• تساوي نسبة القيمة المضافة الصناعية ٣٠,٤٪ من الناتج الصناعي الإجمالي.  
• تساوي مساهمة العامل الواحد في القيمة المضافة ٢٤٩٢٧ دولار أميركي.

## د. الأصول الثابتة وتكوين الرأسمال الثابت الإجمالي

• بلغ مجموع الأصول الثابتة في القطاع الصناعي حوالي ٤ مليار دولار أميركي في العام ٢٠٠٧.  
• بلغ إجمالي تكوين رأس المال الثابت (الإستثمارات السنوية) ٢٩٦ مليون دولار أميركي.  
• يمثل إجمالي تكوين رأس المال الثابت ٧,٤٪ من إجمالي الأصول الثابتة في القطاع.

## هـ. الأجور

• بلغ مجموع الأجور (بما فيها التقديرات الإجتماعية) ٥٤٨ مليون دولار أميركي في العام ٢٠٠٧.  
• بلغ معدل الأجر الفردي السنوي ٧٣٣٥ دولار أميركي.  
• قدرت نسبة الأجور بحوالي ٢٦,٥٪ من مجمل القيمة المضافة الصناعية.



الثاني تحليلي، يعطي تحليلاً تفصيلياً للمؤشرات المالية الأساسية والبيئة التشغيلية لمختلف الأنشطة الصناعية مرتكزاً على البيانات المالية للعام ٢٠٠٧.

في إطار الجهود التي تبذلها وزارة الصناعة في سبيل تطوير سياساتها الصناعية وخطط عملها، قامت وزارة الصناعة بالتعاون مع جمعية الصناعيين اللبنانيين ومنظمة الأمم المتحدة للتنمية الصناعية بدراسة إحصائية حول القطاع الصناعي نُفذت خلال العامين ٢٠٠٩ و٢٠١٠ وشملت جميع المنشآت الصناعية التي تستخدم أكثر من أربعة عمال. تهدف هذه الدراسة الى تحديث قاعدة المعلومات الصناعية ووضع خريطة صناعية مفصلة بالإضافة الى تقييم النتائج المالية للمؤسسات الصناعية وأدائها المالي للعام ٢٠٠٧.

## ١. المميزات العامة للقطاع الصناعي اللبناني

بلغ عدد المنشآت في القطاع الصناعي التي توظف أكثر من اربع عمال ٤٠٣٣ منشأة وفقاً لنتائج الدراسة الميدانية للعام ٢٠٠٧. يمكن تلخيص اهم خصائص هذه المنشآت على الشكل التالي:

يقسم التقرير الى قسمين:

### أ. التوزيع الجغرافي للمؤسسات الصناعية:

تتوزع الوحدات الصناعية بشكل غير متوازن على المناطق اللبنانية. ويتميز القطاع الصناعي عن باقي القطاعات لجهة تواجد الكثير من المؤسسات الصناعية الكبيرة في المناطق البعيدة عن العاصمة.

الأول وصفي، ويتضمن وصفاً عاماً للوحدات الصناعية التي تعمل في لبنان مع المؤشرات المتعلقة بعدد المنشآت، قطاعات الانتاج الرئيسية، توزيعها الجغرافي، الشكل القانوني، تاريخ التأسيس، المساحات المخصصة للتصنيع وحجم القوة العاملة لديها وخصائصها.

المحافظة	بيروت	جبل لبنان	شمال لبنان	البقاع	جنوب لبنان	النبطية	المجموع
عدد المنشآت	٢٣٩	٢٠١٠	٥١٨	٧٤٤	٤٢٠	١٠٢	٤٠٣٣
% من المجموع	٥,٩%	٤٩,٨%	١٢,٨%	١٨,٤%	١٠,٤%	٢,٥%	١٠٠%
متوسط عدد العمال في المؤسسة	١٩	٢٥	١٧	١٨	١٢	١٢	٢١

# كلمة الوزير

يسر وزارة الصناعة إعلان نتائج الدراسة الإحصائية الخاصة بالقطاع الصناعي عن العام ٢٠٠٧، والتي تم تنفيذها بالتعاون والشراكة مع جمعية الصناعيين اللبنانيين ومنظمة الأمم المتحدة للتنمية الصناعية.

شملت الدراسة كافة القطاعات الصناعية في جميع الأفضية اللبنانية. وقد حرصنا على تأمين المعلومات الدقيقة لتعكس صورة واقعية عن أداء المؤسسات الصناعية وقدراتها وحاجاتها ومشاكلها. وسيبنى على هذه المعطيات توجهات عملية واضحة تدعم صناعتنا الوطنية وتساعد على اتخاذ القرارات الاستثمارية المناسبة.

تعتبر هذه الدراسة خطوة مهمة في سبيل مواكبة تطور الحالة الصناعية اللبنانية وتحديداً على صعيد المعلومات الصناعية. فهي توفر معطيات كمية ونوعية عن واقع القطاع في مساهمته في الناتج المحلي وفي ما يؤمنه من فرص عمل للبنانيين. وستقوم وزارة الصناعة في مرحلة لاحقة باستكمال هذه الخطوة من خلال القيام بدراسات قطاعية تساعد على وضع مؤشرات أكثر دقة لفرص الاستثمار وللتحديات التي تواجه الصناعيين، وبناء الخطط المناسبة لتطوير القطاع.

يشهد القطاع الصناعي الوطني مرحلة نمو وتطوير، وهو يدخل عالم المنافسة المفتوحة بالثقة الكبيرة بجودة منتجاته وقدراتها التنافسية. لكن عصر العولمة فرض ويفرض مفاهيم متجددة في مجال التجارة الدولية، ولا سيما ما خص المنتجات الصناعية. فظهرت الحاجة الملحة إلى القوة الدافعة والمؤثرة في تعزيز هذه المنافسة عبر تطبيق معايير الجودة والبحث العلمي الصناعي المرتبط بالمعلومات ونظم المعلوماتية وبات بالتالي امتلاك المعلومات السلاح الأهم في عصرنا هذا.

لا بد أخيراً من توجيه الشكر لكل من ساهم واشترك في إعداد هذه الدراسة، مع تقديرنا لجهودهم التي بذلوها فأعطوا من فكرهم وخبرتهم ووقتهم لإنجاح هذا العمل.

أملنا كبير بكبر طموحاتنا وقدرة قطاعنا الصناعي وعظمة وطننا.

المهندس ابراهيم دده يان  
وزير الصناعة

# القطاع الصناعي في لبنان :

وقائع وأرقام - ٢٠٠٧

وزارة الصناعة





جمعية الصناعيين اللبنانيين



منظمة الأمم المتحدة للتنمية الصناعية

المهورة اللبنانية  
وزارة الصناعة



# القطاع الصناعي في لبنان

وقائع وأرقام - ٢٠٠٧

