

Transport and Storage Statistics

2010-2011

The Emirate
Of Abu Dhabi



مركز الإحصاء
STATISTICS CENTRE

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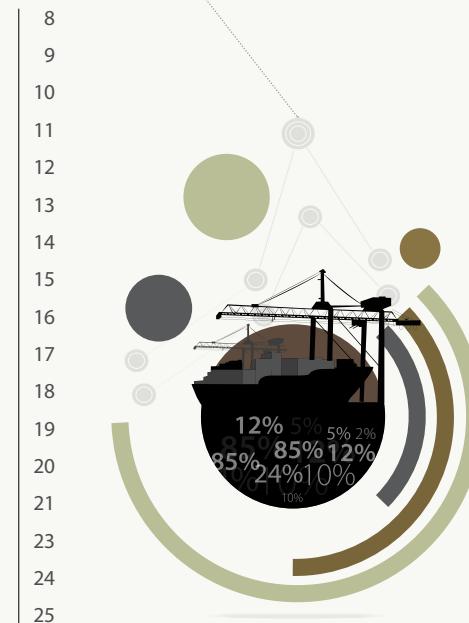


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1. Introduction

The transport sector is included in the Abu Dhabi Vision 2030 as one of the activities the emirate depends on to achieve economic development. The success of development policies is closely linked to the availability of modern and various transport means (land, water and air) in addition to suitable storage facilities.

This publication highlights the result from the transport and storage survey, which was carried out by the Statistics Centre – Abu Dhabi (SCAD) Annual Economic Survey (AES). The AES identifies the characteristics of establishments operating in the emirate and provides important data for the compilation of key national accounts indicators.



2. Key Points

- Value added of the transportation and storage activity increased from AED 21.2 billion in 2010 to AED 29.2 billion in 2011, or 37.7%.
- Total production amounted to AED 43.8 billion in 2011 compared with AED 33.8 billion in 2010.
- The ratio of value added to total production was 66.8% in 2011, compared with 62.8% in 2010.
- Average production per employee increased from AED 504.7 thousand in 2010 to AED 611.0 thousand in 2011, or 21.1%.
- Intermediate consumption increased by 15.5% from AED 12.6 billion in 2010 to AED 14.5 billion in 2011.
- The number of employees totaled 71.7 thousand in 2011 compared with 67.0 thousand in 2010.
- Value added per employee amounted to AED 408.0 thousand in 2011 compared with AED 316.8 thousand in 2010.
- Compensation of employees per worker amounted to AED 102.7 thousand in 2011 compared with AED 103.4 thousand in 2010.

3. Results Analysis

The total production of the transportation and storage activity increased by 29.4% in 2011. This growth was accompanied by a 37.7 % rise in the value added, reaching AED 29.2 billion in 2011. The number of employees increased by 6.9% over the same period.

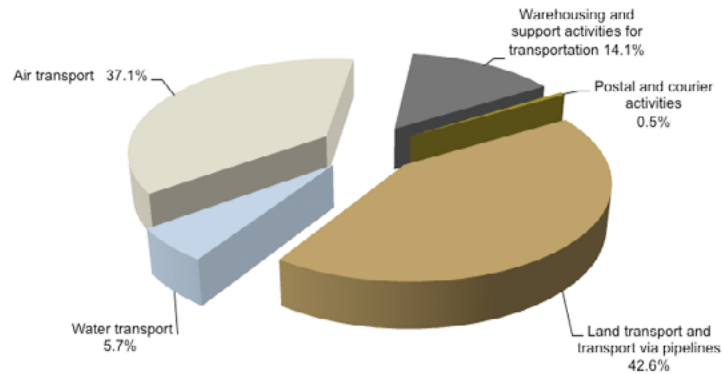


3.1 Value added

Value added of the transportation and storage activity amounted to AED 29.2 billion in 2011, an increase of 37.7% compared with 2010.

The land transport activity contributed 42.6% of the total value added in the transport and storage activity in 2011, followed by the air transport activity with 37.1% and warehousing and support activities for transportation with 14.1%.

Figure 1: Percentage distribution of value added by economic activity, 2011

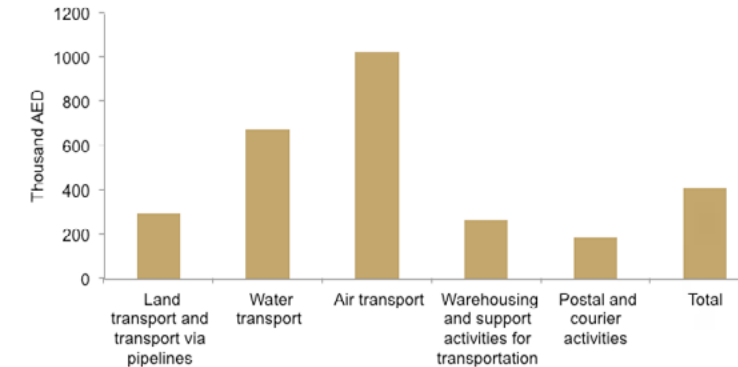


The ratio of value added to total production was 66.8% in 2011, an increase of 6.4% compared with 2010. The highest ratio of value added to total production was recorded in the land transport activity with 78.8%, while the lowest ratio was recorded in the water transport activity with 44.3%.

Value added per employee in the transportation and storage activity amounted to AED 408.0 thousand in 2011, a growth of 28.8% compared with 2010.

In 2011, the highest value added of AED 1024.2 thousand per employee was recorded in the air transport activity followed by the water transport activity with AED 673.9 thousand. Meanwhile the lowest value added per employee of AED 183.8 thousand was recorded in the postal and courier activities.

Figure 2: Value added per employee by economic activity, 2011



3.2 Total production

Total revenues of the transportation and storage activity amounted to AED 43.8 billion in 2011, an increase of 29.4% compared with 2010. Air transport activity contributed 42.4% of the total revenues of the transportation and storage activity, followed by the land transport activity with 36.1%.

Average production per employee in the transportation and storage activity amounted to AED 611.0 thousand in 2011, an increase of 21.1% compared with 2010. The average production per employee in the air transport activity was the highest among transportation activities with AED 1752.5 thousand, followed by the water transport activity with AED 1520.4 thousand. The lowest average production of AED 332.5 thousand per employee was recorded in postal and courier activities.

Figure 3: Percentage distribution of total production by economic activity, 2011

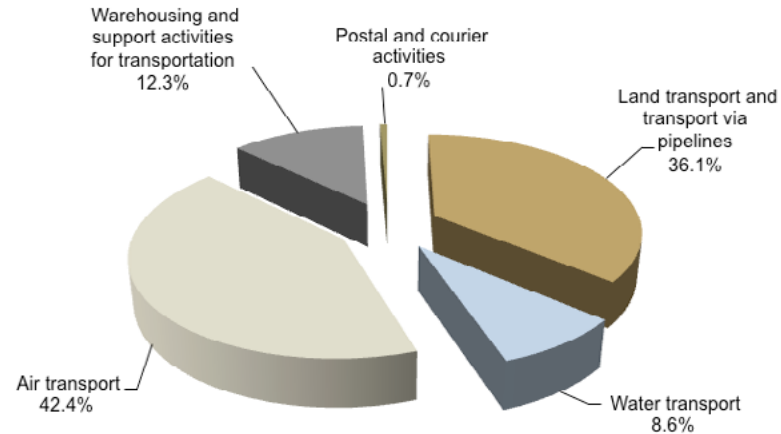
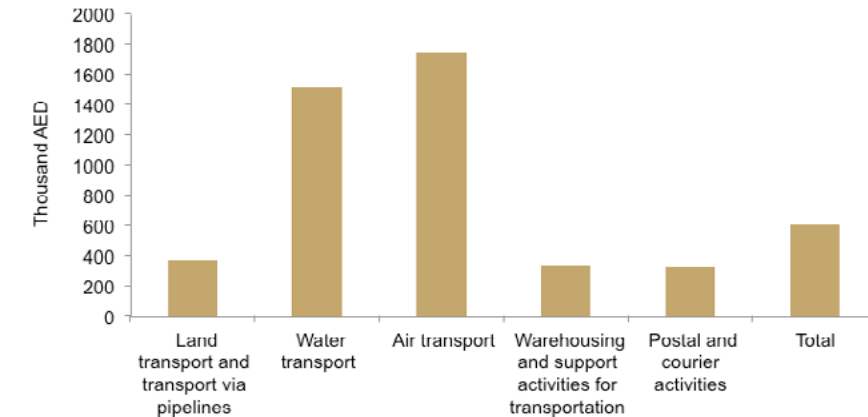


Figure 4: Production per employee by economic activity, 2011

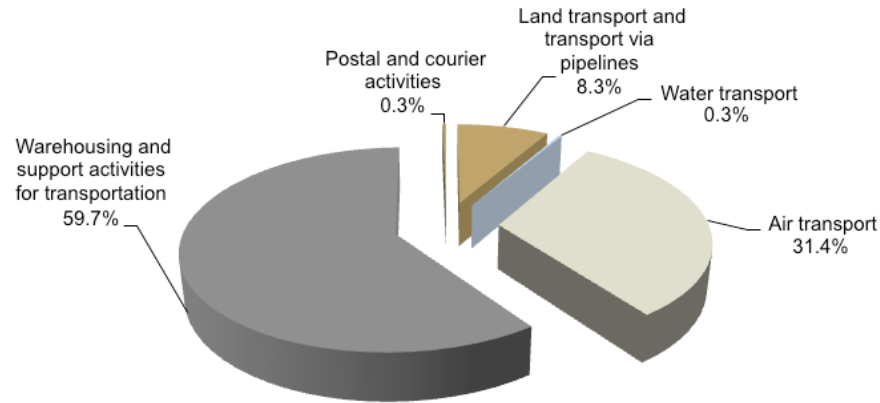


3.3 Gross fixed capital formation

Gross fixed capital formation in the transportation and storage activity amounted to AED 18.9 billion in 2011, a rise of 68.0% compared with 2010.

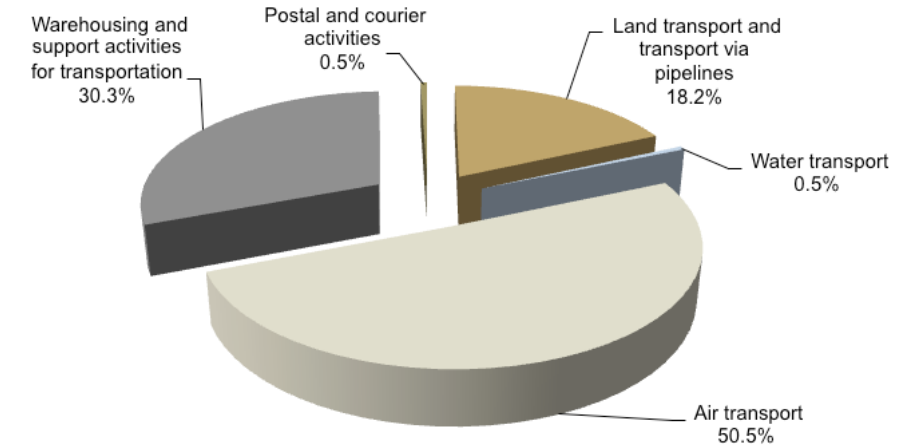
The highest value of gross fixed capital formation in 2011 was recorded in the storage activity with 59.7%, followed by the air transport activity (31.4%), whereas water transport and postal and courier activities contributed less than 1% of the total gross fixed capital formation.

Figure 5: Percentage distribution of gross fixed capital formation by economic activity, 2011



Gross fixed capital formation in the transportation and storage activity amounted to AED 11.3 billion in 2010. The main contributors were the land transport activity with 50.5%, followed by the storage activity with 30.3%.

Figure 6: Percentage distribution of gross fixed capital formation by economic activity, 2010



3.3 Gross fixed capital formation

Buildings and other structures accounted for the highest share of fixed capital formation by assets in 2011 with 35.1%, followed by machinery, equipment and transport means with 30.3%.

In 2010, other fixed assets accounted for the highest share of fixed capital formation with 65.5%, followed by machinery, equipment and transport means with 22.3% and buildings and other structures with 10.8%.

Figure 7: Percentage distribution of gross fixed capital formation by type of assets, 2011

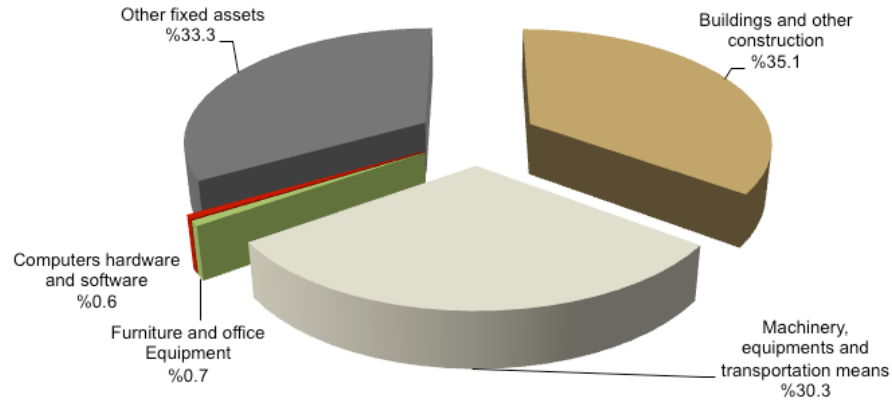
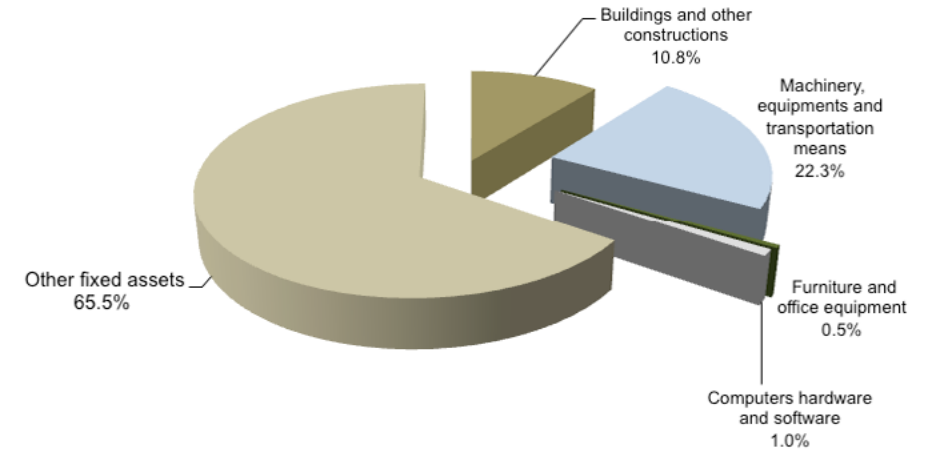


Figure 8: Percentage distribution of gross fixed capital by type of assets economic activity, 2010

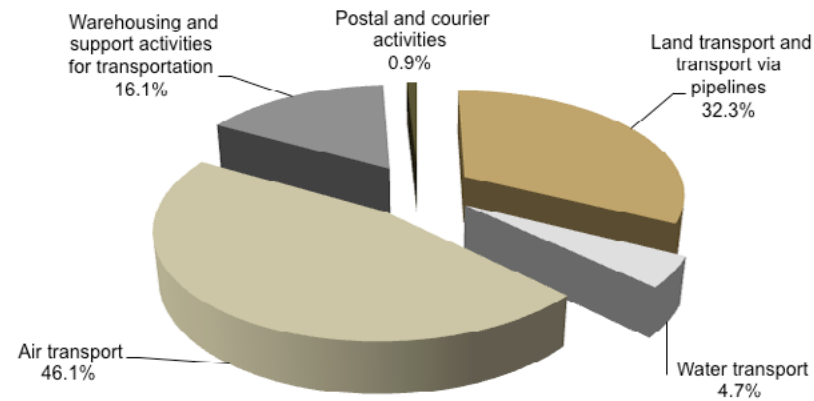


3.4 Consumption of fixed capital

Consumption of fixed capital in the transportation and storage activity amounted to AED 3.6 billion in 2011, a slight increase of 3.0% compared with 2010.

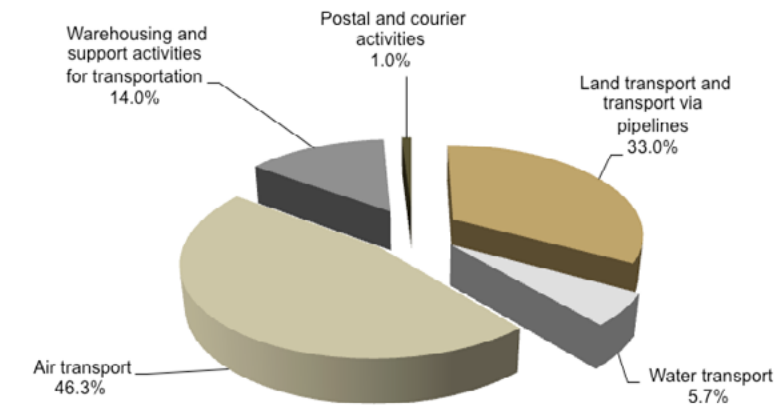
Air transport activity accounted for the largest share of consumption of fixed capital in 2011 with 46.1%, followed by the land transport activity with 32.3% and the storage activity with 16.1%.

Figure 9: Percentage distribution of consumption of fixed capital by economic activity, 2011



In 2010, air transport activity accounted for the largest share of consumption of fixed capital with 46.3%, followed by the land transport activity with 33.0% and postal activity and other transportation support activities with 14.0%.

Figure 10: Percentage distribution of consumption of fixed capital by economic activity, 2010



3.5 Intermediate consumption

Intermediate consumption of the transportation and storage activity amounted to AED 14.5 billion in 2011, an increase of 15.5% compared with 2010.

In 2011, the air transport activity accounted for more than a half (53.0%) of intermediate consumption in the transportation and storage activity, followed by land transport activity with 23.0% and water transport with 14.4%.

In 2010, air transport activity accounted for with 60.1% of intermediate consumption, followed by land transport with 24.3% and storage with 8.5%.

Figure 11: Percentage distribution of intermediate consumption by economic activity, 2011

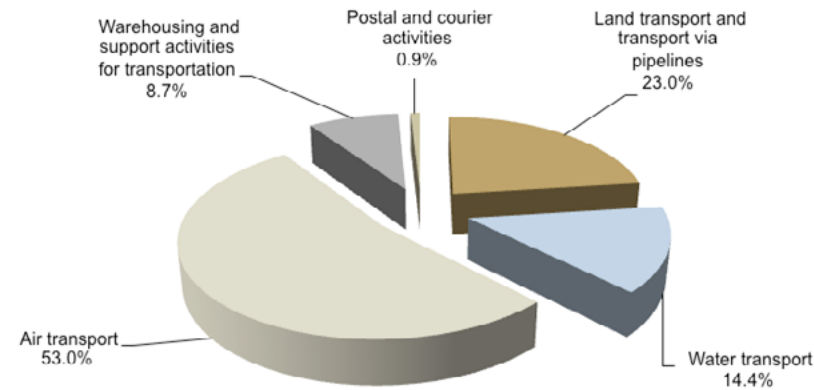
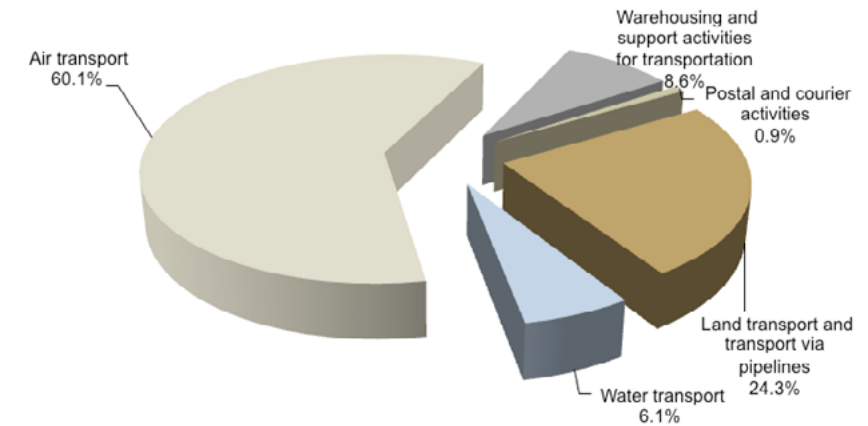


Figure 12: Percentage distribution of intermediate consumption by economic activity, 2010

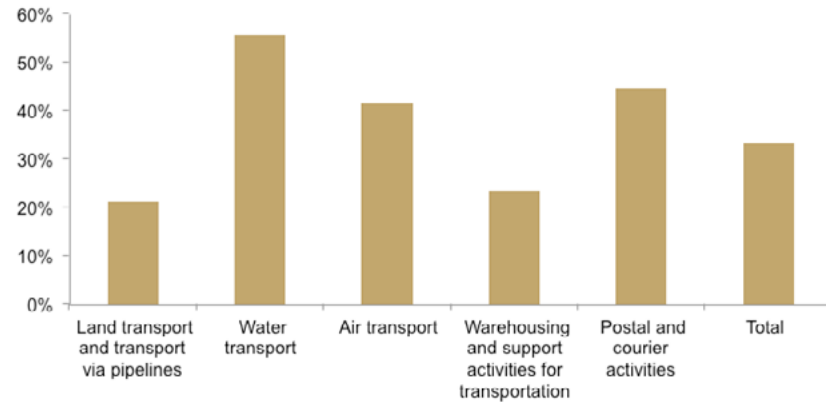


3.5 Intermediate consumption

Intermediate consumption in the transport and storage activity accounted for 33.2% of the total production in 2011. This means that the production of AED 100 required AED 33 for intermediate goods and services. In the water transport activity intermediate consumption was higher in the sub activities of transportation and storage with 55.7%, followed by postal and courier activities with 44.7%. The ratio was lower in the land transport activity with 21.2%.

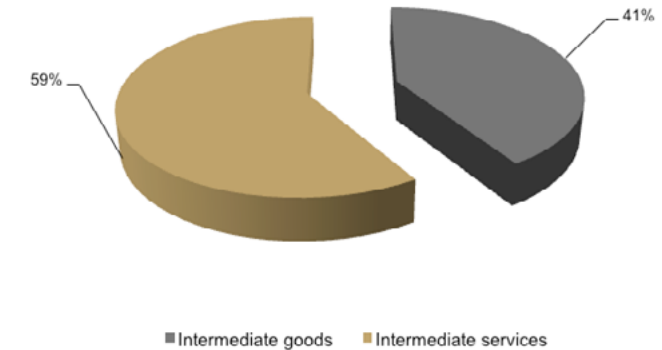
In 2010, the ratio of intermediate consumption in the air transport activity accounted for 63.1%, followed by postal and courier activities with 46.1%.

Figure 13: Intermediate consumption by the transport and storage activity as percentage of total production, 2011



Intermediate goods in the transportation and storage activity accounted for 41.1% of the total intermediate consumption compared with 58.9% for intermediate services. In 2010, intermediate goods accounted for 45.5% compared with 54.5% for intermediate services.

Figure 14: Percentage distribution of intermediate goods and services in 2011



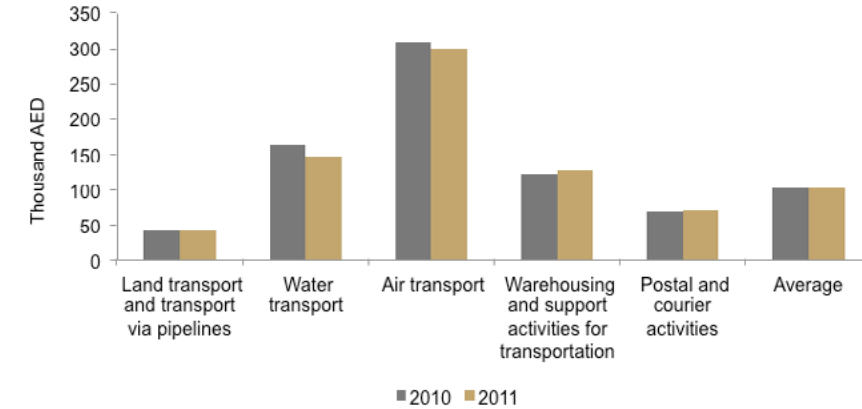
3.6 Compensation of employees

Compensation of employees in the transportation and storage activity rose by 6.2% from 2010 to 2011.

In 2011, compensation of employees in the air transport activity accounted for 42.9%, followed by the storage activity with 27.4%. These rates were similar to those of 2010.

Annual compensation of employees in the transportation and storage activity amounted to AED 102.7 thousand in 2011. Annual compensation per employee in the air transport activity totaled AED 300.4 thousand, followed by the water transport activity with AED 146.7 thousand and the land transport activity with AED 41.6 thousand.

Figure 15: Compensation of employees by economic activity, 2010-2011



3.7 Number of employees

The numbers of employees were 71.7 thousand in 2011, an increase of 6.9% compared with 2010.

Land transport accounted for 58.7% of the total employees in the transportation and storage activity, followed by storage activity with 21.9%. Water transport activity and postal activities accounted for less than 5% of the total number of employees. These rates were similar to those of 2010.

The number of non-citizen employees in the transportation and storage activity accounted for 94.2% of the total in 2011 compared with 5.8% for citizen employees. Male employees accounted 89.7% of the total and female employees 10.3%, while these rates remained broadly unchanged from 2010.

Figure 16: Percentage distribution of employees by economic activity, 2011

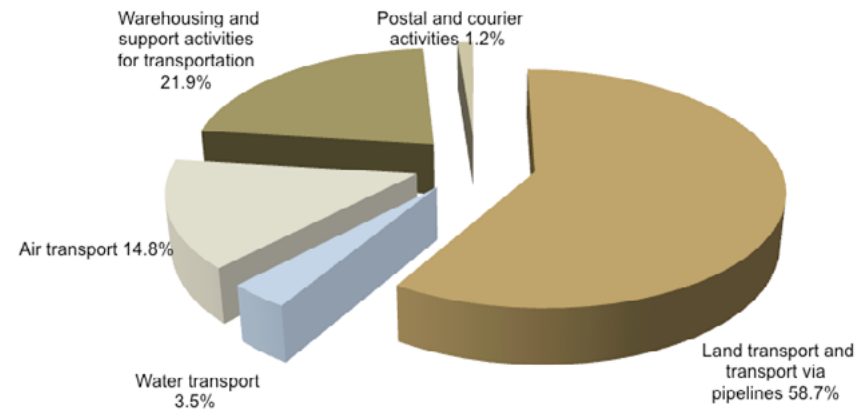
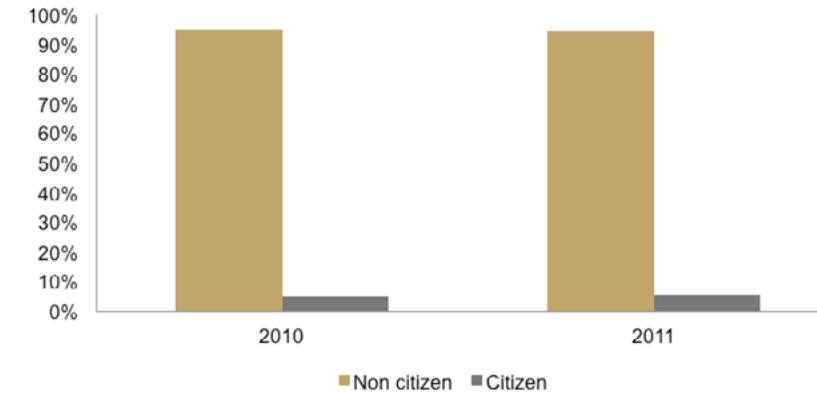


Figure 17: Percentage distribution of employees by citizenship, 2010- 2011



4. Statistical Tables

Main results for the transport and storage survey in the Emirate of Abu Dhabi, 2010

Value AED'000

Section	Divisions	Economic activity	Number of establishments	Number of employees	Total production	Value added	Gross fixed capital	Compensation of employees	Consumption of fixed capital
H	49	Land transport and transport via pipelines	513	38,689	13,558,934	10,505,071	2,048,938	1,641,345	1,150,022
H	50	Water transport	19	2,209	3,318,576	2,545,415	57,116	359,046	200,287
H	51	Air transport	11	9,600	11,991,821	4,428,486	5,679,853	2,971,224	1,615,481
H	52	Warehousing and support activities for transportation	276	15,673	4,709,675	3,622,248	3,411,887	1,903,204	488,452
H	53	Postal and courier activities	13	862	250,126	134,865	55,562	58,697	33,373
Total			832	67,032	33,829,132	21,236,084	11,253,356	6,933,517	3,487,615

Main results for transport & storage survey in the emirate of Abu Dhabi, 2011

Value AED'000

Section	Divisions	Economic activity	Number of establishments	Number of employees	Total production	Value added	Gross fixed capital	Compensation of employees	Consumption of fixed capital
H	49	Land transport and transport via pipelines	513	42,073	15,806,084	12,454,599	1,569,042	1,748,802	1,160,838
H	50	Water transport	19	2,478	3,768,146	1,670,206	52,866	363,612	167,393
H	51	Air transport	11	10,582	18,544,376	10,837,179	5,943,124	3,178,472	1,653,946
H	52	Warehousing and support activities for transportation	276	15,668	5,379,617	4,116,282	11,291,748	2,009,386	576,891
H	53	Postal and courier activities	13	868	288,668	159,552	54,173	60,609	31,455
Total			832	71,669	43,786,891	29,237,819	18,910,953	7,360,882	3,590,522

5. Technical Notes

5.1 Collecting data

Statistics Centre - Abu Dhabi (SCAD) followed international standards and guidelines during the collection, processing, classification and development of the indicators and the statistical publication that are based on the Annual Economic Survey.

The Centre also identified the objectives of the survey and designed the questionnaire and training of field staff based on these standards. The collection of completed questionnaires was carried out by trained staff, which has been selected according to specific criteria. Completed questionnaires were delivered to the Editing section to be fully edited, coded, and then provided to the Data Entry section. Finally, the data were captured electronically and preliminary results were extracted in order to verify the data and to apply the raise factors (weights) to the survey results before compiling final results.

5.2 Scope of the survey

The Annual Economic Survey involves a representative sample of establishments spread across the three regions of the emirate: Abu Dhabi, Al Ain and Al Gharbia. The sample includes economic activities at the 2 digit level of the International Standard Industrial Classification of All Economic Activities-Revision 4 (ISIC.4)

5.3 Sample design

The frame for the survey was based on the 2010 "Frame Update Project" for the Emirate of Abu Dhabi. The frame has been divided into three strata: large, medium and small establishments based on the number of employees. A comprehensive count was applied on the large stratum, while stratified systematic random sample was selected for medium and small categories.

5.4 The period of the survey

Data were primarily collected from establishments for the calendar years of 2010 and 2011. In cases where data were provided by some establishments for different accounting years, data were collected from an accounting period that was mostly in the survey years.

5.5 Notes on tables

Final totals may not be equal to the sum of the individual components in certain tables. This is due to rounding which may result in the rate of change being more or less than 100%.

5.6 Additional information

For more detailed information about industry and business and other official statistics, please visit the link on the SCAD web site: <http://www.scad.ae/en/Pages/default.aspx>



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