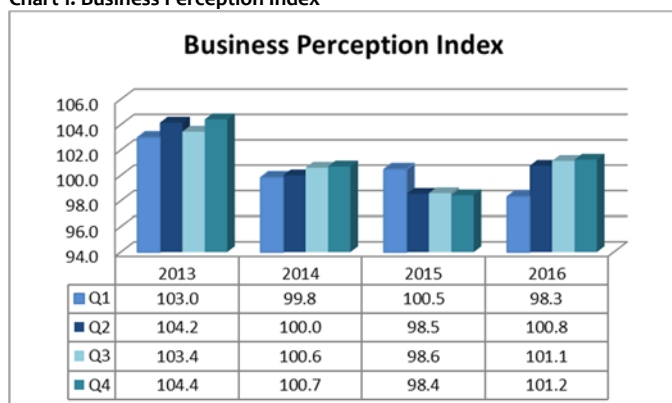


Business Perception Survey

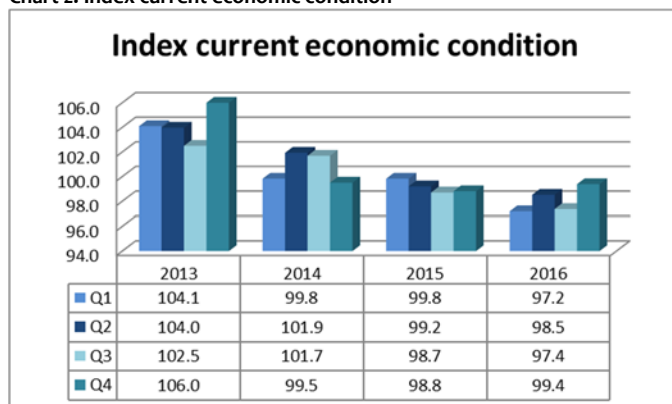
Results of the fourth Quarter of 2016 | November 13, 2017.

Chart 1: Business Perception Index



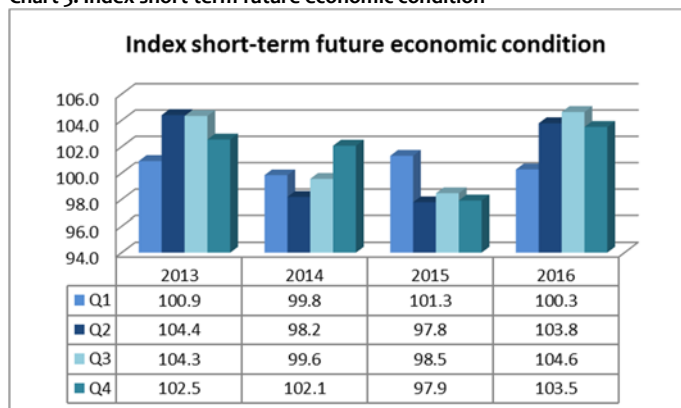
Source: Centrale Bank van Aruba

Chart 2: Index current economic condition



Source: Centrale Bank van Aruba

Chart 3: Index short-term future economic condition



Source: Centrale Bank van Aruba

Business Activity

During the fourth quarter of 2016, the overall Business Perception Index (BPI), comprising the current and short-term economic conditions edged up by 0.1 percentage point, from 101.1 in the third quarter of the year to 101.2 in the quarter under review (Chart 1 & Annex 1).

For the year 2016 as a whole, the BPI rose by 1.5 percentage points, from 100.0 in 2015 to 101.5 in 2016.

The current economic condition index expanded by 2.0 percentage points, from 97.4 in the third quarter of 2016 to 99.4 percent in the fourth quarter of 2016 (Chart 2 & Annex 1).

During the year 2016, the current economic condition index, decreased by 3.0 percentage points, from 100.5 in 2015 to 97.5 in 2016.

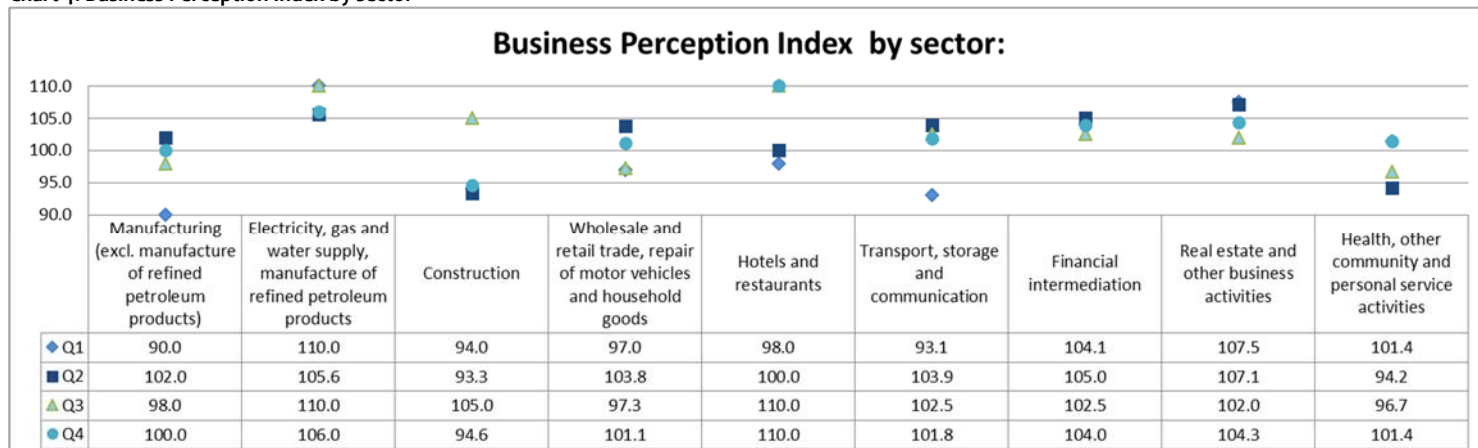
The short-term future economic condition index contracted by 1.1 percentage points, from 104.6 in the third quarter of 2016 to 103.5 in the fourth quarter of the same year (Chart 3 & Annex 1).

In 2016, the short-term future economic condition index increased by 6.1 percentage points, from 99.5 in 2015 to 105.6 in 2016.

The contribution¹ of the different sectors to the indices in each quarter, can be observed in Charts 4, 5, and 6 (Annex 2).

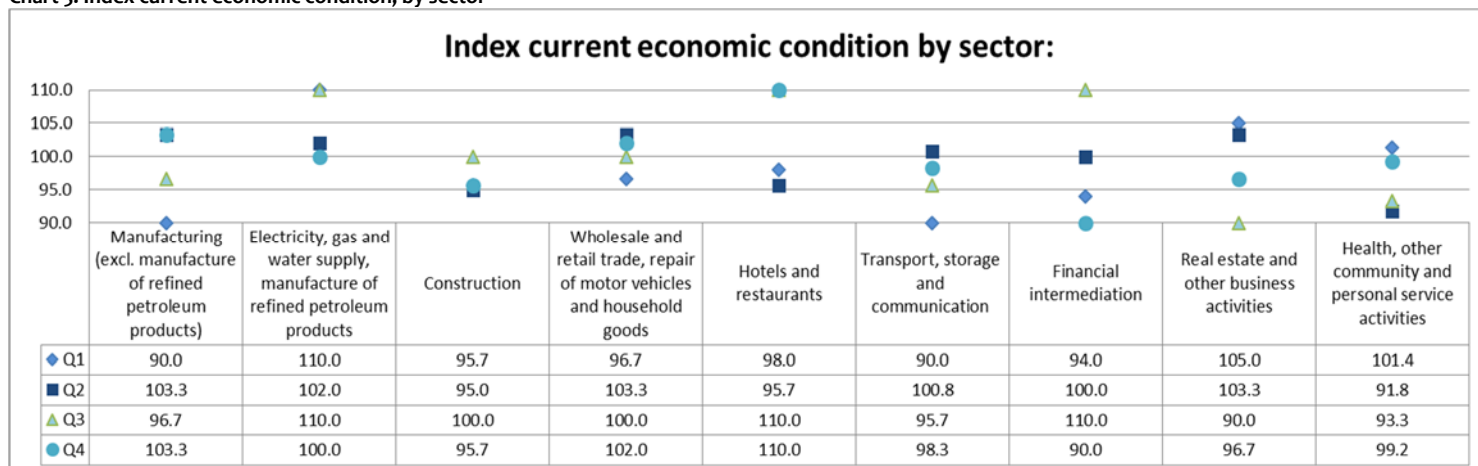
¹ Index value = between 100 and 110: Optimistic perception
Index value = 100: Neutral
Index value = between 90 and 100: Pessimistic perception

Chart 4: Business Perception Index by sector



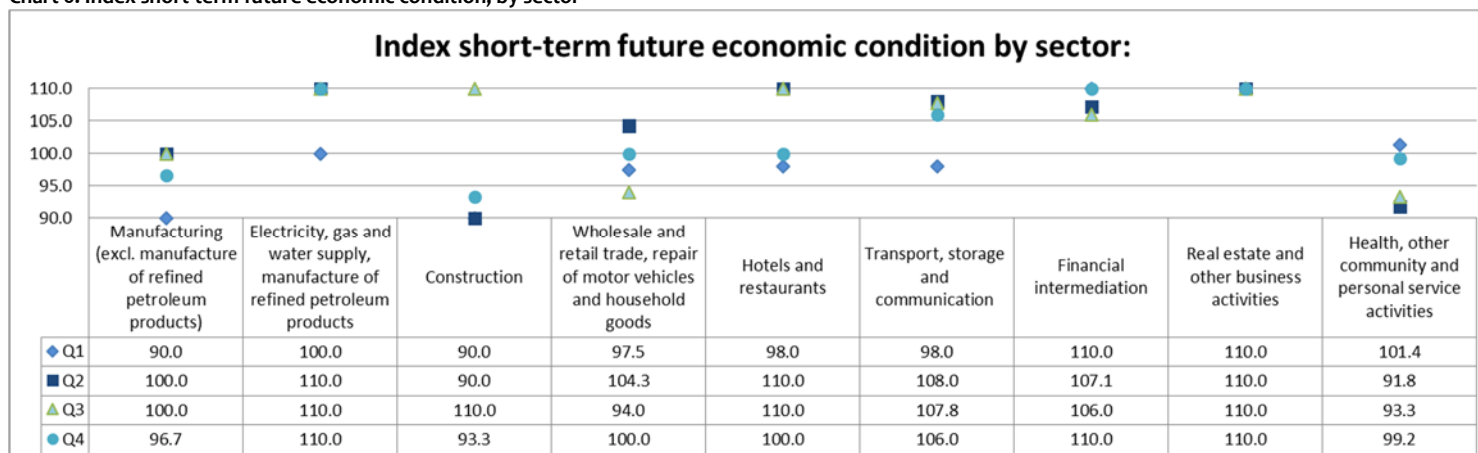
Source: Centrale Bank van Aruba

Chart 5: Index current economic condition, by sector



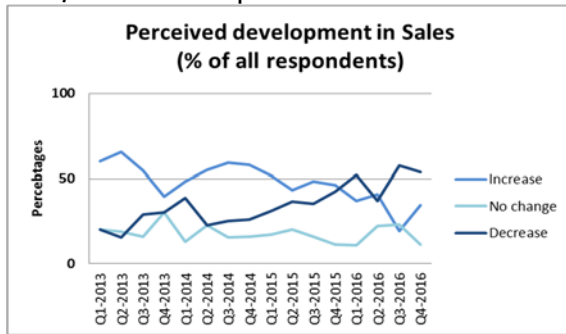
Source: Centrale Bank van Aruba

Chart 6: Index short-term future economic condition, by sector



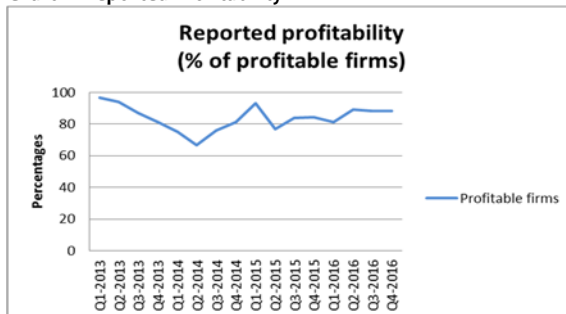
Source: Centrale Bank van Aruba

Chart 7: Perceived development in Sales



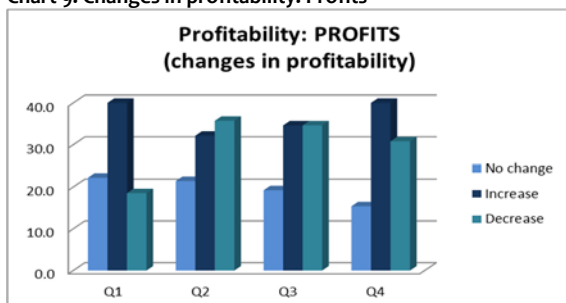
Source: Centrale Bank van Aruba

Chart 8: Reported Profitability



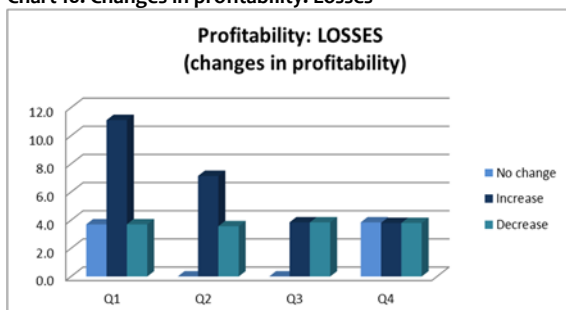
Source: Centrale Bank van Aruba

Chart 9: Changes in profitability: Profits



Source: Centrale Bank van Aruba

Chart 10: Changes in profitability: Losses



Source: Centrale Bank van Aruba

Sales and Profitability

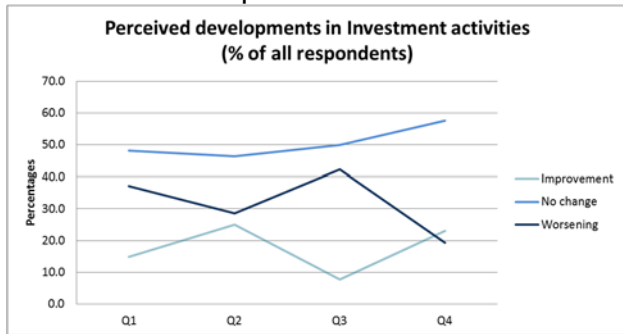
During the fourth quarter of 2016, 53.9 percent of the respondents noted an “increase” in sales, compared to 57.7 percent during the previous quarter. The number of businesses reporting ‘no change’ in sales also declined by 11.6 percentage points, from 23.1 percent to 11.5 percent. The amount of reporters indicating a ‘decrease’ in sales, on the other hand, grew by 15.4 percentage points, from 19.2 percent in the third quarter of 2016, to 34.6 percent in the fourth quarter of 2016 (Chart 7 & Annex 4 and 6).

For the year 2016 as a whole, 53.9 percent of respondents indicated an “increase” in sales compared to 50.0 percent in the year before. The number of surveyed businesses reporting a “decrease” in sales rose slightly from 33.3 percent in 2015 to 34.6 percent in 2016. A smaller number of respondents noted “no change” in sales, as this category declined from 16.7 percent in 2015 to 11.5 percent in 2016.

Profitability in the fourth quarter of 2016 remained unchanged compared to the third quarter of 2016, where 88.5 percent of surveyed firms indicated to be profitable (Chart 8 & Annexes 4 and 6).

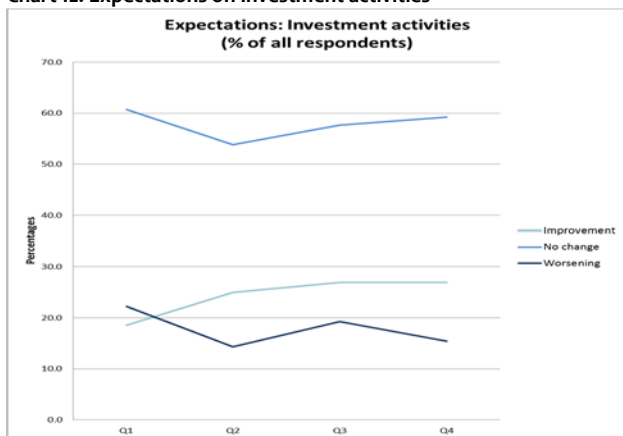
For the year 2016 as a whole, profitability expanded, as the percentage of the respondents reporting to be profitable, grew by 13.1 percentage points, from 79.1 percent in 2015 to 92.2 percent in 2016

Chart 11: Perceived developments in Investment activities



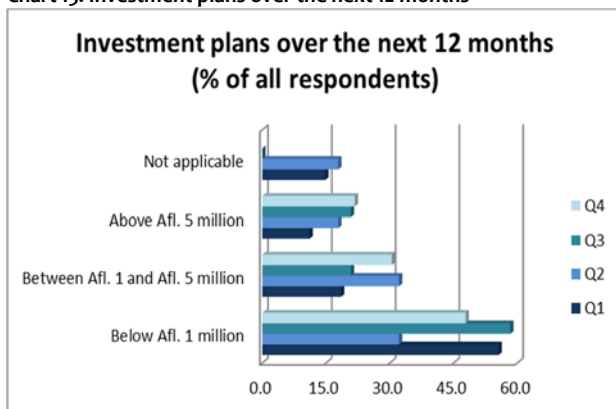
Source: Centrale Bank van Aruba

Chart 12: Expectations on Investment activities



Source: Centrale Bank van Aruba

Chart 13: Investment plans over the next 12 months



Source: Centrale Bank van Aruba

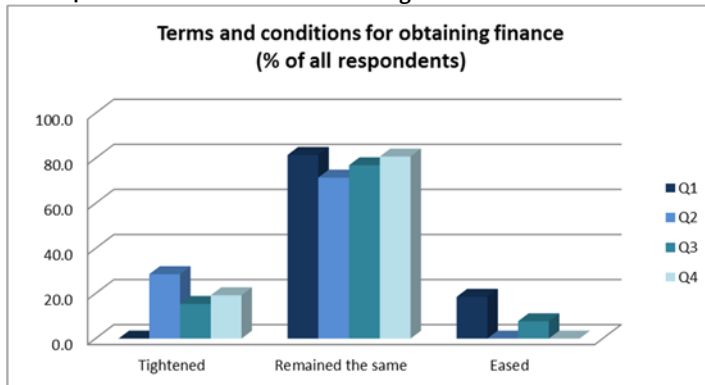
Investment and Financing Activity

During the fourth quarter of 2016, current investment activities enhanced. The percentage of respondents reporting ‘improvement’ in current investment conditions increased by 15.4 percentage points, from 7.7 percent in the third quarter of 2016 to 23.1 percent in the quarter under review. The percentage of businesses indicating ‘no change’ in current investments also grew, by 7.7 percentage points, from 50.0 percent to 57.7 percent. The number of respondents revealing ‘worsening’ current investment conditions registered a decrease of 23.1 percentage points, from 42.3 percent in the third quarter of 2016 to 19.2 percent in the fourth quarter of 2016 (Chart 11 & Annex 6).

The number of firms expecting improved investment activities in the short term, remained stable at 26.9 percent in the fourth quarter of 2016, compared to the previous quarter. The number of surveyed businesses expecting investment conditions to remain unchanged rose by 3.9 percentage points, from 53.8 percent to 57.7 percent. In the fourth quarter of 2016, 15.4 percent of respondents expected a ‘worsening’ in investment conditions, compared to 19.2 percent in the third quarter of 2016 (Chart 12 & Annex 6).

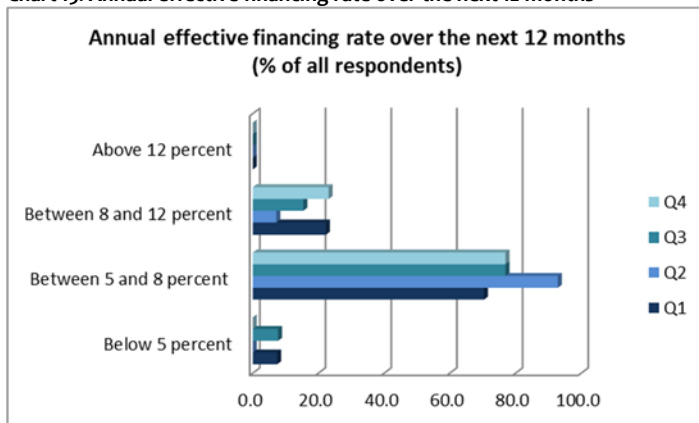
As was the case in the third quarter of the year, in the fourth quarter of 2016, all respondents indicated to have investment plans over the next 12 months. The reporting firms indicating investment intentions of below Afl. 1 million shifted downwards with 10.5 percentage points, from 58.3 percent in the third quarter of 2016, to 47.8 percent in the fourth quarter of 2016. The surveyed businesses with investment plans of between Afl. 1 million and Afl. 5 million, increased by 9.6 percentage points, from 20.8 percent in the third quarter of 2016, to 30.4 percent in the quarter under review. Respondents reporting plans to invest above Afl. 5 million, expanded by 0.9 percentage point, from 20.8 percent in the third quarter of 2016 to 21.7 percent in the fourth quarter of 2016 (Chart 13 & Annex 5).

Chart 14: Terms and conditions for obtaining finance



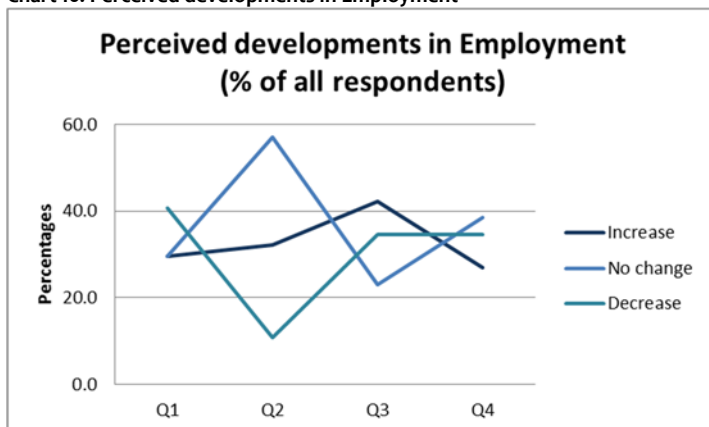
Source: Centrale Bank van Aruba

Chart 15: Annual effective financing rate over the next 12 months



Source: Centrale Bank van Aruba

Chart 16: Perceived developments in Employment



Source: Centrale Bank van Aruba

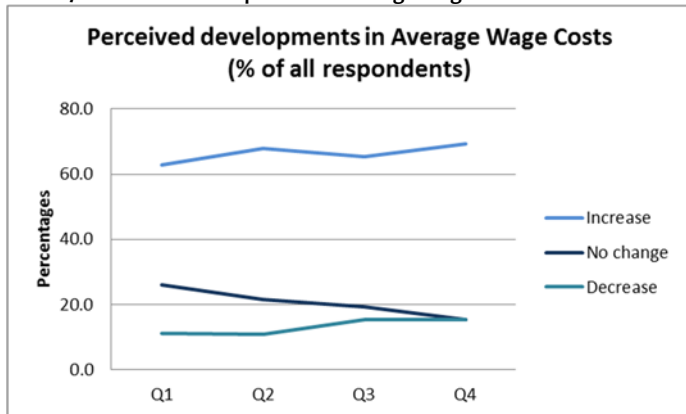
During the fourth quarter of 2016, the majority of respondents indicated that the terms and conditions for obtaining financing have 'remained the same'. This percentage grew by 3.9 percentage points, from 76.9 percent in the third quarter of 2016, to 80.8 percent in the fourth quarter of 2016. No respondent noted 'eased' financing terms and conditions in the fourth quarter of the year, as this percentage dropped by 7.7 percentage points from the third quarter of 2016. The percentage of respondents indicating 'tightened' terms and conditions for obtaining finance rose by 3.8 percentage points, from 15.4 percent in the third quarter of 2016 to 19.2 percent in the fourth quarter of 2016 (Chart 14 & Annexes 3 and 6).

The percentage of the respondents revealing that they expected the annual effective financing rate over the next 12 months to be between 5 and 8 percent remained unchanged at 76.9 percent in the fourth quarter of 2016, compared to the previous quarter. The number of surveyed businesses expecting the annual effective financing rate to be below 5 percent, dropped from 7.7 percent to zero percent. The percentage of surveyed firms expecting the annual effective financing rate to be between 8 percent and 12 percent, increased by 7.7 percentage points, from 15.4 percent in the third quarter of 2016, to 23.1 percent in the fourth quarter of 2016 (Chart 15 & Annex 5).

Employment and Wages

In the quarter under review, the percentage of surveyed firms reporting a 'decrease' in employment remained unchanged at 34.6 percent, compared to the previous quarter. The number of surveyed businesses reporting an 'increase' diminished by 15.4 percentage points, from 42.3 percent in the third quarter of 2016, to 26.9 percent in the fourth quarter of 2016. At the same time, the percentage of respondents indicating 'no change' in employment rose by 15.4 percentage points, from 23.1 percent to 38.5 percent (Chart 16 & Annexes 4 and 6).

Chart 17: Perceived developments in Average Wage Costs

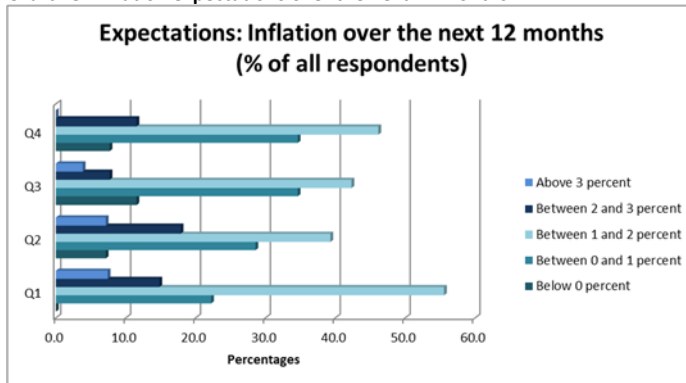


Source: Centrale Bank van Aruba

With regard to average labor costs, the percentage of respondents experiencing ‘no change’ fell by 3.8 percentage points, from 19.2 percent in the third quarter of 2016, to 15.4 percent in the fourth quarter of 2016. Respondents registering an ‘increase’ expanded by 3.9 percentage points, from 65.3 percent in the third quarter of 2016, to 69.2 percent in the fourth quarter of 2016. In the quarter under review, the percentage registering a ‘decrease’ remained stable at 15.4 percent, compared to the previous quarter (Chart 17 & Annex 4 and 6).

Inflation, Pricing and Economic Growth

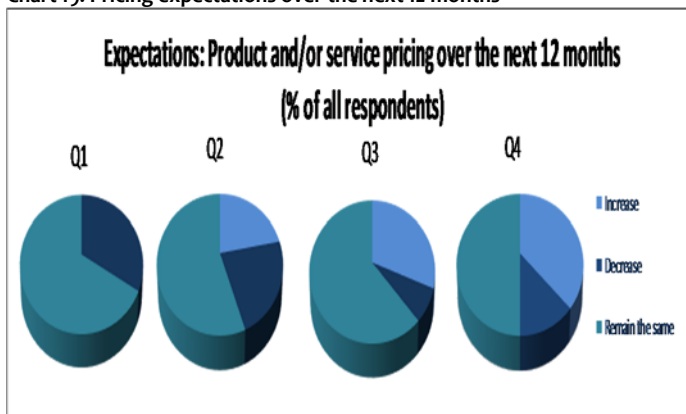
Chart 18: Inflation expectations over the next 12 months



Source: Centrale Bank van Aruba

The number of surveyed businesses expecting inflation below 0 percent declined by 3.8 percentage points, from 11.5 percent in the third quarter of 2016, to 7.7 percent in the quarter under review. The percentage of firms expecting inflation to be between 0 and 3 percent expanded by 7.7 percentage points, moving from 84.6 percent in the third quarter of 2016 to 92.3 percent in the fourth quarter of 2016. The amount of reporters expecting inflation above 3 percent noted a downturn, from 3.8 percent in the third quarter, 0 percent in the fourth quarter of the year (Chart 18 & Annex 5).

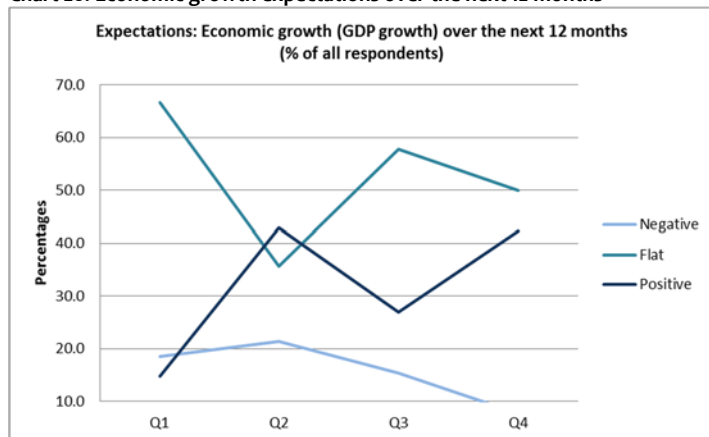
Chart 19: Pricing expectations over the next 12 months



Source: Centrale Bank van Aruba

With regard to the prices for products and services over the next 12 months, the number of respondents expecting an ‘increase’ went up by 6.7 percentage points, from 30.8 percent in the third quarter of 2016 to 37.5 percent in the fourth quarter of 2016. Surveyed businesses expecting a ‘decrease’ in the prices of products and services also increased, shifting upwards by 4.8 percentage points, from 7.7 percent in the third quarter of 2016 to 12.5 percent in the quarter under review. The percentage of the respondents expecting prices to ‘remain the same’ dropped by 11.5 percentage points to 50.0 percent in the fourth quarter of 2016 (Chart 19 & Annex 5).

Chart 20: Economic growth expectations over the next 12 months



Source: Centrale Bank van Aruba

On the subject of economic growth expectations over the next 12 months, the number of respondents anticipating a negative growth rate contracted by 7.7 percentage points, from 15.4 percent in the third quarter of 2016 to 7.7 percent in the fourth quarter of 2016. The percentage of surveyed businesses presuming a flat growth rate was 50.0 percent in the quarter under review. This percentage decreased by 7.7 percentage points, from 57.7 percent in the previous quarter. The number of firms expecting a positive rate of economic growth, on the other hand, rose by 15.4 percentage points, from 26.9 percent in the third quarter of 2016, to 42.3 percent in the fourth quarter of 2016 (Chart 20 & Annex 5).

Annexes

Annex 1: Response rate and indices 1]

	2013	2014	2015	2016	2014				2015				2016			
					I	II	III	IV	I	II	III	IV	I	II	III	IV
1. Response and non-response rates																
a. Average response rate	73.9	67.4	51.1	49.7	67.9	67.3	68.1	66.0	61.7	68.2	70.3	54.2	56.3	58.2	49.7	54.2
b. Average non-response rate	26.1	32.6	48.9	50.3	32.1	32.7	31.9	34.0	38.3	31.8	29.7	45.8	43.8	41.8	50.3	45.8
2. Indices																
a. Index current economic condition	105.2	102.0	100.5	97.1	99.8	101.9	101.7	99.5	99.8	99.2	98.7	98.8	97.2	98.5	97.4	99.4
b. Index short-term future economic condition	104.3	101.7	99.5	105.6	99.8	98.2	99.6	102.1	101.3	97.8	98.5	97.9	100.3	103.8	104.6	103.5
c. Business Perception Index	104.8	101.9	100.0	102.1	99.8	100.0	100.6	100.7	100.5	98.5	98.6	98.4	98.3	100.8	101.1	101.2

Source: CBA.

- 1] Index value = between 100 and 110: Optimistic perception
 Index value = 100: Neutral
 Index value = between 90 and 100: Pessimistic perception

Annex 2: Business perception Survey (by sectors)

	2013	2014	2015	2016	2014				2015				2016			
					I	II	III	IV	I	II	III	IV	I	II	III	IV
1. Index current economic condition	105.2	102.0	100.5	97.5	99.8	101.9	101.7	99.5	99.8	99.2	98.7	98.8	97.2	98.5	97.4	99.4
a. Manufacturing (excl. manufacture of refined petroleum products)	110.0	103.3	90.0	103.3	90.0	90.0	110.0	90.0	100.0	90.0	90.0	90.0	90.0	103.3	96.7	103.3
b. Electricity, gas and water supply, manufacture of refined petroleum products	110.0	110.0	110.0	103.3	110.0	100.0	90.0	90.0	100.0	110.0	110.0	110.0	110.0	102.0	110.0	100.0
c. Construction	100.9	105.0	110.0	90.0	101.4	110.0	106.7	103.3	101.4	94.0	101.1	98.0	95.7	95.0	100.0	95.7
d. Wholesale and retail trade, repair of motor vehicles and household goods	110.0	100.0	105.0	101.4	103.3	103.3	100.0	100.0	103.3	100.0	92.5	104.3	96.7	103.3	100.0	102.0
e. Hotels and restaurants	106.0	101.4	100.0	100.0	98.6	101.4	106.7	102.5	103.3	98.6	106.0	100.0	98.0	95.7	110.0	110.0
f. Transport, storage and communication	110.0	96.7	90.0	98.0	110.0	102.0	101.1	98.9	98.0	100.6	100.0	98.9	90.0	100.8	95.7	98.3
g. Financial intermediation	100.0	100.0	100.0	95.0	90.0	110.0	100.0	100.0	95.0	98.0	96.7	94.0	94.0	100.0	110.0	90.0
h. Real estate and other business activities	110.0	106.4	96.7	96.7	102.0	102.3	110.0	102.0	106.0	110.0	100.0	95.0	105.0	103.3	90.0	96.7
i. Health, other community and personal service activities	102.9	100.6	101.4	96.2	97.4	96.7	97.0	97.8	97.1	100.0	97.5	97.5	101.4	91.8	93.3	99.2
2. Index short-term future economic condition	104.3	101.7	99.5	105.6	99.8	98.2	99.6	102.1	101.3	97.8	98.5	97.9	100.3	103.8	104.6	103.5
a. Manufacturing (excl. manufacture of refined petroleum products)	90.0	90.0	90.0	100.0	90.0	90.0	90.0	90.0	100.0	90.0	90.0	90.0	90.0	100.0	100.0	96.7
b. Electricity, gas and water supply	110.0	100.0	100.0	110.0	110.0	90.0	100.0	110.0	100.0	100.0	110.0	110.0	100.0	110.0	110.0	110.0
c. Construction	110.0	103.3	90.0	95.0	105.0	105.0	110.0	103.3	103.3	100.0	90.0	90.0	90.0	90.0	110.0	93.3
d. Wholesale and retail trade, repair of motor vehicles and household goods	104.3	103.3	101.1	107.1	98.0	96.7	96.0	100.0	96.7	94.0	96.7	106.0	97.5	104.3	94.0	100.0
e. Hotels and restaurants	106.0	102.5	100.0	110.0	96.7	101.4	99.1	102.5	102.0	100.0	100.0	98.0	98.0	110.0	110.0	100.0
f. Transport, storage and communication	110.0	95.0	90.0	105.6	110.0	95.7	101.4	96.7	96.0	98.8	96.7	92.5	98.0	108.0	107.8	106.0
g. Financial intermediation	107.5	106.7	105.6	107.5	105.0	102.0	101.4	110.0	107.5	107.1	110.0	107.1	110.0	107.1	106.0	110.0
h. Real estate and other business activities	110.0	110.0	110.0	110.0	106.0	106.7	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
i. Health, other community and personal service activities	102.9	100.6	101.4	96.2	97.4	96.7	97.0	97.8	97.1	100.0	97.5	97.5	101.4	91.8	93.3	99.2
3. Business Perception Index	104.8	101.9	100.0	101.5	99.8	100.0	100.6	100.7	100.5	98.5	98.6	98.4	98.3	100.8	101.1	101.2
a. Manufacturing (excl. manufacture of refined petroleum products)	98.0	96.7	90.0	102.0	90.0	90.0	98.0	90.0	100.0	90.0	90.0	90.0	90.0	102.0	98.0	100.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	110.0	110.0	110.0	107.1	110.0	90.0	90.0	96.7	100.0	110.0	110.0	110.0	110.0	105.6	110.0	106.0
c. Construction	104.1	104.3	94.0	92.0	103.3	107.5	108.3	103.3	102.3	96.7	98.3	94.7	94.0	93.3	105.0	94.6
d. Wholesale and retail trade, repair of motor vehicles and household goods	106.4	102.0	102.9	104.3	100.9	100.0	97.5	100.0	100.0	98.0	94.3	105.0	97.0	103.8	97.3	101.1
e. Hotels and restaurants	106.0	102.0	100.0	105.0	100.0	101.4	101.8	102.5	102.5	99.1	102.7	99.2	98.0	100.0	110.0	110.0
f. Transport, storage and communication	110.0	95.9	90.0	101.6	110.0	98.3	101.3	97.8	97.2	99.7	98.5	95.9	93.1	103.9	102.5	101.8
g. Financial intermediation	104.1	105.0	102.2	102.0	100.0	102.7	100.8	102.0	102.0	103.3	102.0	100.0	104.1	105.0	102.5	104.0
h. Real estate and other business activities	110.0	108.0	103.3	104.3	104.0	103.7	110.0	105.6	107.9	110.0	105.6	101.4	107.5	107.1	102.0	104.3
i. Health, other community and personal service activities	100.3	101.7	103.8	101.1	96.3	95.6	97.9	100.0	96.4	95.8	98.0	98.6	101.4	94.2	96.7	101.4

Source: CBA.

Annex 3: Survey questionnaire for the quarters of 2016
(as a percentage of the total)

	Improvement	No change	Worsening
Q3-2016			
A. Current economic condition 1]	24.0	44.2	31.7
1. The economic conditions in Aruba	3.8	69.2	26.9
2. The activities of your business	42.3	34.6	23.1
3. The investments of your business	7.7	50.0	42.3
4. The number of employees that work for your company	42.3	23.1	34.6
5. The terms and conditions for obtaining finance	7.7	76.9	15.4
B. Expected short-term economic conditions 2]	28.8	60.6	10.6
1. The economic conditions in Aruba	26.9	57.7	15.4
2. The activities of your business	34.6	65.4	0.0
3. The investments of your business	26.9	53.8	19.2
4. The number of employees that work for your company	26.9	65.4	7.7
Q4-2016			
A. Current economic condition 1]	22.1	52.9	25.0
1. The economic conditions in Aruba	15.4	61.5	23.1
2. The activities of your business	23.1	53.8	23.1
3. The investments of your business	23.1	57.7	19.2
4. The number of employees that work for your company	26.9	38.5	34.6
5. The terms and conditions for obtaining finance	0.0	80.8	19.2
B. Expected short-term economic conditions 2]	26.0	61.5	12.5
1. The economic conditions in Aruba	30.8	50.0	19.2
2. The activities of your business	30.8	61.5	7.7
3. The investments of your business	26.9	57.7	15.4
4. The number of employees that work for your company	15.4	76.9	7.7

Source: CBA.

1] Compared to the corresponding quarter of the previous year.

2] During the next 6 months.

Annex 4: Economic indicators by sector (2016-IV)

	No Change	Decrease			Increase		
		Less than 5.1 percent	Between 5.1 - 10.1 percent	More than 10.1 percent	Less than 5.1 percent	Between 5.1 - 10.1 percent	More than 10.1 percent
1. Employment, in percentages of all responding sectors	38.5	23.1	7.7	3.8	23.1	3.8	0.0
a. Manufacturing (excl. manufacture of refined petroleum products)	0.0	0.0	0.0	0.0	3.8	0.0	0.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	3.8	3.8	0.0	0.0	0.0	0.0	0.0
c. Construction	3.8	3.8	0.0	3.8	0.0	0.0	0.0
d. Wholesale and retail trade, repair of motor vehicles and household goods	3.8	7.7	0.0	0.0	3.8	0.0	0.0
e. Hotels and restaurants	3.8	0.0	0.0	0.0	3.8	0.0	0.0
f. Transport, storage and communication	3.8	3.8	0.0	0.0	7.7	0.0	0.0
g. Financial intermediation	3.8	0.0	3.8	0.0	0.0	0.0	0.0
h. Real estate and other business activities	0.0	3.8	0.0	0.0	0.0	0.0	0.0
i. Health, other community and personal service activities	15.4	0.0	3.8	0.0	3.8	3.8	0.0
2. A. Profitability (profits), in percentages of all responding sectors	15.4	3.8	3.8	23.1	23.1	11.5	7.7
a. Manufacturing (excl. manufacture of refined petroleum products)	0.0	0.0	0.0	0.0	0.0	3.8	0.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	3.8	0.0	3.8	0.0	0.0	0.0	0.0
c. Construction	3.8	0.0	0.0	3.8	0.0	0.0	3.8
d. Wholesale and retail trade, repair of motor vehicles and household goods	0.0	0.0	0.0	0.0	7.7	0.0	3.8
e. Hotels and restaurants	0.0	3.8	0.0	0.0	0.0	0.0	0.0
f. Transport, storage and communication	7.7	0.0	0.0	3.8	3.8	0.0	0.0
g. Financial intermediation	0.0	0.0	0.0	3.8	0.0	0.0	0.0
h. Real estate and other business activities	0.0	0.0	0.0	3.8	0.0	0.0	0.0
i. Health, other community and personal service activities	0.0	0.0	0.0	7.7	11.5	7.7	0.0
2. B. Profitability (losses), in percentages of all responding sectors	3.8	0.0	0.0	3.8	3.8	0.0	0.0
a. Manufacturing (excl. manufacture of refined petroleum products)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	0.0	0.0	0.0	0.0	0.0	0.0	0.0
c. Construction	0.0	0.0	0.0	0.0	0.0	0.0	0.0
d. Wholesale and retail trade, repair of motor vehicles and household goods	0.0	0.0	0.0	0.0	0.0	0.0	0.0
e. Hotels and restaurants	3.8	0.0	0.0	3.8	0.0	0.0	0.0
f. Transport, storage and communication	0.0	0.0	0.0	0.0	0.0	0.0	0.0
g. Financial intermediation	0.0	0.0	0.0	0.0	3.8	0.0	0.0
h. Real estate and other business activities	0.0	0.0	0.0	0.0	0.0	0.0	0.0
i. Health, other community and personal service activities	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: CBA.

Annex 4: Economic indicators by sector (2016-IV) (continued)

	No Change	Decrease			Increase		
		Less than 5.1 percent	Between 5.1 - 10.1 percent	More than 10.1 percent	Less than 5.1 percent	Between 5.1 - 10.1 percent	More than 10.1 percent
3. Sales, in percentages of all responding sectors	11.5	19.2	7.7	7.7	30.8	23.1	0.0
a. Manufacturing (excl. manufacture of refined petroleum products)	0.0	0.0	0.0	0.0	0.0	3.8	0.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	0.0	3.8	3.8	0.0	0.0	0.0	0.0
c. Construction	3.8	0.0	3.8	3.8	0.0	0.0	0.0
d. Wholesale and retail trade, repair of motor vehicles and household goods	0.0	3.8	0.0	0.0	11.5	0.0	0.0
e. Hotels and restaurants	0.0	3.8	0.0	0.0	0.0	3.8	0.0
f. Transport, storage and communication	7.7	0.0	0.0	3.8	3.8	0.0	0.0
g. Financial intermediation	0.0	3.8	0.0	0.0	3.8	0.0	0.0
h. Real estate and other business activities	0.0	0.0	0.0	0.0	0.0	3.8	0.0
i. Health, other community and personal service activities	0.0	3.8	0.0	0.0	11.5	11.5	0.0
4. Average wage costs, in percentages of all responding sectors	15.4	15.4	0.0	0.0	57.7	11.5	0.0
a. Manufacturing (excl. manufacture of refined petroleum products)	0.0	0.0	0.0	0.0	3.8	0.0	0.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	0.0	0.0	0.0	0.0	7.7	0.0	0.0
c. Construction	0.0	0.0	0.0	0.0	11.5	0.0	0.0
d. Wholesale and retail trade, repair of motor vehicles and household goods	0.0	7.7	0.0	0.0	7.7	0.0	0.0
e. Hotels and restaurants	0.0	0.0	0.0	0.0	7.7	0.0	0.0
f. Transport, storage and communication	3.8	0.0	0.0	0.0	7.7	3.8	0.0
g. Financial intermediation	3.8	0.0	0.0	0.0	0.0	3.8	0.0
h. Real estate and other business activities	0.0	3.8	0.0	0.0	0.0	0.0	0.0
i. Health, other community and personal service activities	7.7	3.8	0.0	0.0	11.5	3.8	0.0

Source: CBA.

Annex 5: Future expectations and activities

	2014				2015				2016			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
A. Inflation over the next 12 months												
1. Below 0 percent	6.3	3.1	3.1	3.2	0.0	0.0	0.0	0.0	0.0	7.1	11.5	7.7
2. Between 0 and 1 percent	15.6	12.5	6.3	12.5	10.3	6.7	16.1	23.1	22.2	28.6	34.6	34.6
3. Between 1 and 2 percent	53.1	40.6	43.8	43.8	51.7	46.7	51.6	53.8	55.6	39.3	42.3	46.2
4. Between 2 and 3 percent	25.0	28.1	34.4	25.0	20.7	16.7	12.9	19.2	14.8	17.9	7.7	11.5
5. Above 3 percent	0.0	15.6	12.5	15.6	17.2	30.0	19.4	3.8	7.4	7.1	3.8	0.0
Total	100.0	100.0	100.0	100.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
B. Investment plans over the next 12 months												
1. Below Afl. 1 million	37.5	46.9	50.0	41.9	44.8	43.3	38.7	38.5	55.6	32.1	58.3	47.8
2. Between Afl. 1 and Afl. 5 million	25.0	21.9	21.9	19.4	20.7	23.3	16.1	34.6	18.5	32.1	20.8	30.4
3. Above Afl. 5 million	15.6	12.5	12.5	19.4	17.2	13.3	19.4	15.4	11.1	17.9	20.8	21.7
4. Not applicable	21.9	18.8	15.6	19.4	17.2	20.0	25.8	11.5	14.8	17.9	0.0	0.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
C. Annual effective financing rate over the next 12 months					*							
1. Below 5 percent	3.2	6.5	3.2	0.0	0.0	0.0	0.0	3.8	7.4	0.0	7.7	0.0
2. Between 5 and 8 percent	71.0	74.2	71.0	73.3	74.1	78.6	82.8	88.5	70.4	92.9	76.9	76.9
3. Between 8 and 12 percent	25.8	19.4	25.8	26.7	25.9	21.4	17.2	7.7	22.2	7.1	15.4	23.1
4. Above 12 percent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
D. Product and/or service pricing over the next 12 months												
1. Increase	43.8	56.3	59.4	54.8	39.3	40.0	38.7	30.8	33.3	22.2	30.8	37.5
2. Decrease	3.1	3.1	3.1	0.0	0.0	3.3	6.5	7.7	0.0	22.2	7.7	12.5
3. Remain the same	53.1	40.6	37.5	45.2	60.7	56.7	54.8	61.5	66.7	55.6	61.5	50.0
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
E. Economic growth (GDP growth) over the next 12 months												
1. Below negative 10 percent	0.0	0.0	0.0	0.0								
2. Between negative 10 percent and negative 5 percent	0.0	0.0	0.0	3.2								
3. Between negative 5 percent and 1 percent	18.8	35.5	25.0	29.0								
4. Between 1 and 5 percent	78.1	61.3	68.8	67.7								
5. Between 5 and 10 percent	3.1	3.2	6.3	0.0								
6. Above 10 percent	0.0	0.0	0.0	0.0								
1. Negative					25.0	27.6	23.3	19.2	18.5	21.4	15.4	7.7
2. Flat					50.0	55.2	50.0	65.4	66.7	35.7	57.7	50.0
3. Positive					25.0	17.2	26.7	15.4	14.8	42.9	26.9	42.3
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Source: CBA.

* Annual effective financing rate for business loans

Annex 6: BUSINESS PERCEPTION RESULTS

Survey questionnaire responses

Business Perception Index

	Improvement				No change				Worsening				Current		Short-term	Business Perception Index
	2016				2016				2016							
	I	II	III	IV	I	II	III	IV	I	II	III	IV				
A. Current economic conditions	21.3	23.2	24.0	22.1	40.7	45.5	44.2	52.9	38.0	31.3	31.7	25.0	2012	104.0	107.5	105.5
1. The economic conditions in Aruba	7.4	0.0	3.8	15.4	48.1	50.0	69.2	61.5	44.4	50.0	26.9	23.1	2013	105.2	104.3	104.8
2. The activities of your business	33.3	35.7	42.3	23.1	37.0	28.6	34.6	53.8	29.6	35.7	23.1	23.1	2014	102.0	101.7	101.9
3. The investments of your business	14.8	25.0	7.7	23.1	48.1	46.4	50.0	57.7	37.0	28.6	42.3	19.2	2015	100.5	99.5	100.0
4. The number of employees that work for your company	29.6	32.1	42.3	26.9	29.6	57.1	23.1	38.5	40.7	10.7	34.6	34.6	2015 I II III IV	99.8 99.2 98.7 98.8	101.3 97.8 98.5 97.9	100.5 98.5 98.6 98.4
5. Terms and conditions for obtaining finance	18.5	0.0	7.7	0.0	81.5	71.4	76.9	80.8	0.0	28.6	15.4	19.2				
B. Expected short-term economic conditions 1)	17.6	27.7	28.8	26.0	65.7	59.8	60.6	61.5	16.7	12.5	10.6	12.5				
1. The economic conditions in Aruba	11.1	28.6	26.9	30.8	66.7	53.6	57.7	50.0	22.2	17.9	15.4	19.2				
2. The activities of your business	29.6	32.1	34.6	30.8	63.0	57.1	65.4	61.5	7.4	10.7	0.0	7.7	2016 I II III IV	97.2 98.5 97.4 99.4	100.3 103.8 104.6 103.5	98.3 100.8 101.1 101.2
3. The investments of your business	18.5	25.0	26.9	26.9	59.3	60.7	53.8	57.7	22.2	14.3	19.2	15.4				
4. The number of employees that work for your company	11.1	25.0	26.9	15.4	74.1	67.9	65.4	76.9	14.8	7.1	7.7	7.7				

1) During the next 6 months.

Perceived developments of employment, profitability, sales, and average wage costs 1)

	Employment				Operational results								Sales				Average labor costs			
					Profits				Losses											
	2016				2016				2016				2016				2016			
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
1. no change	29.6	57.1	23.1	38.5	22.2	21.4	19.2	15.4	3.7	0.0	0.0	3.8	11.1	22.2	23.1	11.5	25.9	21.4	19.2	15.4
2. increase of less than 5.1 percent	25.9	25.0	38.5	34.6	18.5	17.9	15.4	23.1	0.0	0.0	0.0	3.8	18.5	29.6	30.8	30.8	51.9	57.1	61.5	57.7
3. increase between 5.1 and 10.1 percent	0.0	3.6	3.8	3.8	3.7	7.1	3.8	11.5	3.7	0.0	3.8	0.0	25.9	7.4	11.5	23.1	7.4	7.1	0.0	11.5
4. increase of more than 10.1 percent	3.7	3.6	0.0	0.0	18.5	7.1	15.4	7.7	7.4	7.1	0.0	0.0	7.4	0.0	15.4	0.0	3.7	3.6	3.8	0.0
5. decrease of less than 5.1 percent	29.6	7.1	23.1	19.2	3.7	14.3	7.7	3.8	3.7	0.0	3.8	0.0	18.5	18.5	11.5	19.2	3.7	7.1	15.4	15.4
6. decrease between 5.1 and 10.1 percent	7.4	0.0	7.7	3.8	7.4	14.3	3.8	3.8	0.0	3.6	0.0	0.0	7.4	14.8	7.7	7.7	3.7	0.0	0.0	0.0
7. decrease of more than 10.1 percent	3.7	3.6	3.8	0.0	7.4	7.1	23.1	23.1	0.0	0.0	3.8	3.8	11.1	7.4	0.0	7.7	3.7	3.6	0.0	0.0
Total	100.0	100.0	100.0	100.0	81.5	89.3	88.5	88.5	18.5	10.7	11.5	11.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1) In percentages of all respondents.