

# Quarterly Tables

## Real Sector

### Q3 2022

November 25, 2022



**CENTRALE BANK VAN ARUBA**

**Cover design:**

Our golden tree, our Kibrahacha. Resilient, firmly rooted, and gives a beautiful bloom.

It offers us shade and protection if needed. When it breaks out, it displays an overwhelming yellow, illustrating a brighter and bolder future.

The full text of this report is available on the CBA website.

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Quarterly Tables Real Sector Q3 2022

# CONTENT

	Available
1.1 Gross Domestic Product	<input type="checkbox"/>
1.2A Business Perception Results	<input checked="" type="checkbox"/>
1.2B Business Perception Survey (Indices by selective sectors)	<input checked="" type="checkbox"/>
1.3A Consumer Confidence Results	<input type="checkbox"/>
1.3B Consumer Confidence Results (Purchasing Habits)	<input type="checkbox"/>
1.4 Partial Economic Activity Index	<input type="checkbox"/>
1.5 Tourism	<input checked="" type="checkbox"/>
1.6 Growth in stay-over tourism	<input checked="" type="checkbox"/>
1.7 Consumer price indices	<input checked="" type="checkbox"/>
1.8A Percentage price changes	<input checked="" type="checkbox"/>
1.8B Percentage price changes	<input checked="" type="checkbox"/>
1.9 Construction activities	<input type="checkbox"/>
1.10 Utilities	<input checked="" type="checkbox"/>
1.11 Merchandise foreign trade by country	<input checked="" type="checkbox"/>
1.12 Merchandise foreign trade by product category	<input checked="" type="checkbox"/>
1.13 Oil refining	<input type="checkbox"/>

## General note to the tables

## Explanatory notes to the tables

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**TABLE 1.1: GROSS DOMESTIC PRODUCT**

	2013	2014	2015	2016	2017	2018	2019 p	2020 p	2021p
1. GDP at market prices (= A + B + C - D)	4,883	4,996	5,304	5,341	5,535	5,732	6,030	4,672	5,596
A. Final consumption	4,149	4,157	4,168	4,167	4,326	4,543	4,686	4,213	4,449
1. Household	2,870	2,917	2,935	2,913	3,052	3,192	3,361	2,956	3,240
2. Government	1,279	1,240	1,233	1,254	1,274	1,350	1,325	1,257	1,209
B. Gross capital formation	1,163	1,155	1,142	1,099	1,138	1,237	1,282	1,080	1,110
1. Private 1)	1,100	1,105	1,107	1,031	1,090	1,183	1,247	1,045	1,094
2. Public	64	50	35	68	47	54	35	35	16
C. Exports of goods and services	3,738	3,910	3,864	3,836	4,016	4,230	4,404	2,413	3,856
D. Imports of goods and services	4,167	4,227	3,871	3,761	3,944	4,278	4,341	3,033	3,819
2. GDP deflator (2013 = 100)	100.0	102.1	101.9	101.5	102.5	100.0	104.5	99.1	101.5
3. Real gross domestic product	4,883	4,882	5,055	5,162	5,445	5,731	5,768	4,696	5,502
4. GDP growth (in percent)									
A. Nominal	4.3	2.3	6.2	0.7	3.6	3.5	5.2	-22.5	19.8
B. Real	6.4	0.0	3.6	2.1	5.5	1.3	0.6	-18.6	17.2
5. Mid-year population	105,675	106,807	107,906	108,727	108,735	108,908	109,202	108,586	107,695
6. GDP per capita									
A. In Afl.	46,206	46,772	49,150	49,120	50,908	52,631	55,223	43,026	51,958
B. In US\$	25,814	26,130	27,458	27,442	28,440	29,403	30,851	24,037	29,027
C. Percentage change	2.5	1.2	5.1	-0.1	3.6	3.4	4.9	-22.1	20.8

p: provisional data

1) Includes "Changes in inventories."

Sources: CBS; CBA.

TABLE 1.2A: BUSINESS PERCEPTION RESULTS

## Survey questionnaire responses

## Business perception index

	Improvement				No change				Worsening				Current	Short-term	Business perception index		
	2021	2022			2021	2022			2021	2022							
	IV	I	II	III	IV	I	II	III	IV	I	II	III					
A. Current economic conditions	52.7	52.3	52.4	47.8	33.6	38.2	31.3	36.8	13.6	9.5	16.3	15.4	2018	101.2	100.3	100.8	
1. The economic conditions in Aruba	61.8	69.1	55.8	59.6	27.3	27.3	28.8	26.3	10.9	3.6	15.4	14.0	2019	99.4	100.2	99.8	
2. The activities of your business	60.0	60.0	50.0	54.4	32.7	36.4	34.6	38.6	7.3	3.6	15.4	7.0	2020	92.3	104.5	96.8	
3. The investments of your business	29.1	29.1	44.2	31.6	58.2	63.6	44.2	57.9	12.7	7.3	11.5	10.5	2021	106.1	106.7	106.4	
4. The number of employees that work for your company	60.0	50.9	59.6	45.6	16.4	25.5	17.3	24.6	23.6	23.6	23.1	29.8					
5. Terms and conditions for obtaining finance	5.5	12.7	7.7	5.3	72.7	76.4	73.1	61.4	21.8	10.9	19.2	33.3					
B. Expected short-term economic conditions 1)	40.0	48.2	34.1	28.5	53.6	49.5	50.0	58.3	6.4	2.3	15.9	13.2	2020	I	93.9	90.8	92.2
1. The economic conditions in Aruba	50.9	60.0	30.8	28.1	43.6	34.5	32.7	47.4	5.5	5.5	36.5	24.6		II	92.5	96.4	94.0
2. The activities of your business	47.3	54.5	36.5	38.6	47.3	43.6	51.9	52.6	5.5	1.8	11.5	8.8		III	92.3	94.9	93.3
3. The investments of your business	45.5	47.3	34.6	22.8	49.1	52.7	53.8	64.9	5.5	0.0	11.5	12.3		IV	93.4	101.1	95.9
4. The number of employees that work for your company	16.4	30.9	34.6	24.6	74.5	67.3	61.5	68.4	9.1	1.8	3.8	7.0	2021	I	93.7	102.7	97.3
														II	105.4	107.7	106.5
														III	106.2	107.5	106.8
														IV	105.9	107.3	106.5
													2022	I	106.9	109.1	107.9
														II	105.2	103.7	104.6
														III	105.1	103.7	104.6

1) During the next 6 months.

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

	Employment				Operational results				Sales				Average wage costs			
	2021				2022				2021				2022			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
1. no change	43.6	32.7	46.2	54.4	12.7	20.0	11.5	19.3	3.6	5.5	5.8	5.3	14.5	23.6	28.8	40.4
2. increase of less than 5.1 percent	18.2	34.5	21.2	22.8	18.2	21.8	21.2	17.5	1.8	1.8	1.9	3.5	14.5	18.2	38.5	29.8
3. increase between 5.1 and 10.1 percent	7.3	7.3	17.3	10.5	10.9	3.6	11.5	8.8	1.8	0.0	0.0	1.8	20.0	12.7	23.1	17.5
4. increase of more than 10.1 percent	1.8	5.5	0.0	3.5	25.5	23.6	19.2	14.0	1.8	0.0	5.8	0.0	23.6	27.3	9.1	7.0
5. decrease of less than 5 percent	14.5	9.1	9.6	5.3	3.6	7.3	7.7	5.3	1.8	0.0	1.9	5.3	3.6	7.3	3.8	0.0
6. decrease between 5.1 and 10.1 percent	9.1	7.3	1.9	1.8	3.6	7.3	3.8	7.0	1.8	5.5	0.0	1.8	9.1	5.5	0.0	0.0
7. decrease of more than 10.1 percent	5.5	3.6	3.8	1.8	7.3	1.8	7.7	10.5	5.5	1.8	1.9	0.0	14.5	5.5	3.8	5.3
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>81.8</b>	<b>85.5</b>	<b>82.7</b>	<b>82.5</b>	<b>18.2</b>	<b>14.5</b>	<b>17.3</b>	<b>17.5</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

1) In percentages of all respondents.

TABLE 1.2B: BUSINESS PERCEPTION SURVEY (INDICES BY SELECTIVE SECTORS)

	2018	2019	2020	2021	2020				2021				2022		
					I	II	III	IV	I	II	III	IV	I	II	III
1. Index current economic condition	101.2	99.4	92.3	106.1	93.9	92.5	92.3	93.4	93.7	105.4	106.2	105.9	106.9	105.2	105.1
a. Manufacturing (excl. manufacture of refined petroleum products)	90.0	90.0	95.7	104.3	102.7	90.0	98.0	92.5	96.7	105.0	110.0	106.7	110.0	110.0	105.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	100.0	110.0	91.8	106.7	90.0	90.0	93.5	94.0	91.4	105.7	110.0	104.3	110.0	100.0	95.0
c. Construction	93.3	96.7	92.5	106.4	93.8	95.0	92.1	92.6	95.7	108.0	105.0	93.3	105.0	102.0	100.0
d. Wholesale and retail trade, repair of motor vehicles and household goods	106.0	95.0	91.2	106.3	92.6	92.0	91.6	92.2	94.2	104.1	105.6	107.4	107.7	109.0	104.4
e. Hotels and restaurants	103.3	95.0	91.7	106.5	92.5	91.4	92.4	93.9	92.7	108.2	105.4	106.7	108.0	108.8	106.0
f. Transport, storage and communication	110.0	90.0	91.1	108.8	93.6	93.3	92.5	93.7	92.4	104.3	106.7	108.0	90.0	110.0	103.3
g. Financial intermediation	94.0	102.0	99.1	108.2	94.1	93.5	93.8	93.8	94.6	103.1	105.2	106.3	107.0	103.6	105.9
h. Real estate and other business activities	100.0	100.0	90.9	108.8	94.3	94.5	90.0	94.0	93.5	102.9	106.0	110.0	110.0	107.5	105.0
i. Health, other community and personal service activities	105.7	106.0	92.5	106.2	92.2	91.9	91.1	91.7	93.8	104.1	107.8	104.8	105.5	101.8	107.3
2. Index short-term future economic condition	100.3	100.2	104.5	106.7	90.8	96.4	94.9	101.1	102.7	107.7	107.5	107.3	109.1	103.7	103.7
a. Manufacturing (excl. manufacture of refined petroleum products)	90.0	96.7	90.0	110.0	92.2	90.0	90.0	90.0	110.0	110.0	110.0	105.0	110.0	110.0	100.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	90.0	106.0	110.0	102.7	90.0	98.6	94.3	95.0	102.0	107.1	108.0	103.3	110.0	104.3	110.0
c. Construction	90.0	98.6	108.0	105.6	90.6	93.1	102.0	110.0	96.7	105.0	105.0	95.0	107.1	90.0	105.6
d. Wholesale and retail trade, repair of motor vehicles and household goods	102.0	90.0	103.6	105.2	90.0	95.5	91.4	102.6	99.1	104.8	108.0	108.9	109.2	104.0	100.5
e. Hotels and restaurants	90.0	90.0	110.0	110.0	90.6	97.2	94.3	101.4	108.3	110.0	109.3	110.0	109.0	108.2	103.0
f. Transport, storage and communication	110.0	90.0	100.0	110.0	90.0	93.8	99.1	102.9	103.3	102.5	103.3	110.0	100.0	100.0	106.0
g. Financial intermediation	96.7	105.6	110.0	107.8	92.1	95.5	95.9	99.7	98.8	109.3	105.7	108.9	110.0	105.2	110.0
h. Real estate and other business activities	110.0	105.6	106.5	106.7	90.3	96.7	90.0	95.7	105.0	110.0	110.0	110.0	110.0	103.3	90.0
i. Health, other community and personal service activities	105.7	106.0	92.5	106.2	90.0	98.6	91.9	103.3	98.6	106.5	106.0	105.0	108.8	95.6	102.6
3. Business Perception Index	100.8	99.8	96.8	106.4	92.2	94.0	93.3	95.9	97.3	106.5	106.8	106.5	107.9	104.6	104.6
a. Manufacturing (excl. manufacture of refined petroleum products)	90.0	93.3	95.0	106.4	98.0	90.0	95.0	92.2	100.8	107.1	110.0	106.0	110.0	110.0	105.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	90.0	108.0	98.9	104.8	90.0	93.3	93.9	94.3	95.8	106.4	108.9	103.8	110.0	101.8	101.4
c. Construction	92.2	97.4	98.5	106.0	92.1	94.9	96.5	96.2	96.0	106.4	105.0	94.0	106.0	98.6	102.9
d. Wholesale and retail trade, repair of motor vehicles and household goods	104.0	92.5	96.1	105.8	91.2	93.3	91.5	95.8	96.0	104.4	106.7	108.0	108.3	106.5	102.9
e. Hotels and restaurants	100.0	92.9	99.2	107.9	91.4	93.6	93.1	96.4	100.1	109.1	107.2	107.9	108.4	108.5	104.8
f. Transport, storage and communication	110.0	90.0	93.7	109.4	91.7	93.5	94.6	96.8	97.5	103.3	105.6	108.9	90.0	110.0	105.0
g. Financial intermediation	96.2	105.3	101.8	107.1	93.1	94.3	94.6	96.0	95.9	106.1	105.4	107.4	108.2	104.3	107.0
h. Real estate and other business activities	105.0	102.6	97.5	107.9	92.0	95.4	90.0	94.5	97.2	106.2	107.8	110.0	110.0	105.7	102.0
i. Health, other community and personal service activities	105.8	103.0	96.7	105.8	90.9	94.5	92.4	95.6	95.8	105.3	106.9	104.9	107.2	99.6	105.1

TABLE 1.3A: CONSUMER CONFIDENCE RESULTS

Consumer Confidence Index											
	2020				2021				2022		
	I	II	III	IV	I	II	III	IV	I	II	III
Consumer Confidence Index	91.4	92.0	91.8	93.0	93.6	96.7	94.9	94.1	93.5	93.0	
A. Present Situation Index	91.1	90.6	90.6	91.7	92.1	96.7	95.0	93.4	93.2	92.7	
B. Future Expactation Index 1)	91.9	93.3	92.8	94.2	96.0	101.3	97.1	96.1	94.3	93.2	
C. Consumption and Borrowing habits Index	91.0	92.0	92.1	93.4	93.6	94.4	94.1	93.9	93.9	93.8	
1. Automobile											
Suitable	0.7	2.9	2.8	7.8	5.7	10.2	9.3	8.7	8.9	8.4	
Unsure	8.4	16.1	17.7	19.8	22.2	22.5	24.1	25.2	22.3	22.2	
Unsuitable	90.8	81.0	79.5	72.4	72.1	67.3	66.7	66.1	68.8	69.4	
2. Major appliances											
Suitable	8.9	15.7	14.5	24.8	21.0	22.8	21.6	21.8	21.9	20.6	
Unsure	24.6	31.4	35.2	32.6	36.3	33.8	35.2	33.4	29.1	32.2	
Unsuitable	66.5	52.9	50.3	42.5	42.6	43.4	43.2	44.8	49.0	47.2	
3. Going on vacation											
Suitable	1.2	8.0	8.5	11.2	14.7	19.6	21.9	17.1	19.8	18.4	
Unsure	6.7	14.6	21.2	19.4	23.1	30.8	22.2	31.6	30.4	31.3	
Unsuitable	92.1	77.4	70.3	69.5	62.2	49.6	55.9	51.4	49.8	50.3	
4. Taking out a loan											
Suitable	5.5	4.4	4.6	8.4	10.2	10.7	10.2	9.8	5.7	6.3	
Unsure	17.1	18.0	20.0	19.6	22.5	27.1	25.3	23.6	27.9	27.2	
Unsuitable	77.4	77.7	75.4	72.0	67.3	62.2	64.5	66.6	66.4	66.6	
5. Taking out a mortgage											
Suitable	3.7	6.6	7.1	10.3	12.9	12.9	11.4	10.9	13.4	12.5	
Unsure	15.6	19.0	23.9	23.4	25.8	30.6	27.8	29.2	24.3	29.4	
Unsuitable	80.6	74.5	69.0	66.3	61.3	56.6	60.8	59.9	62.3	58.1	
D. Price Expectation Index	93.4	92.0	91.1	91.0	90.4	90.2	90.1	90.2	90.0	90.0	

In percentages of all respondents.

1) During the next 6 months.

TABLE 1.3B: CONSUMER CONFIDENCE RESULTS (PURCHASING HABITS)

	2020				2021				2022		
	I	II	III	IV	I	II	III	IV	I	II	III
<b>E. Purchasing power and savings</b>											
1. Purchase as much as 6 months ago											
Yes	18.3	17	17.1	19.2	15.9	15	8.3	10.7	6.1	3.5	
No	71.2	77.5	78.3	76.4	80.5	80.4	88.9	86.2	92.3	94.7	
Don't know	10.5	5.5	4.6	4.4	3.6	4.6	2.8	3.1	1.6	1.9	
2. Income increase so that you can purchase as much as 6 months ago											
Yes	8.3	4.1	3.6	6.9	6.6	9.7	5.6	9.3	4.9	4.4	
No	91.7	95.9	96.4	93.1	93.4	90.3	94.4	90.7	95.1	95.6	
3. Save more compared to 6 months ago											
More	11.5	16.6	11.7	6.7	9.0	9.1	5.6	6.0	4.9	3.5	
Less	36.8	33.2	41.1	43.2	40.8	34.0	40.7	37.6	41.3	50.3	
Same	29.8	22.9	20.8	25.9	23.7	26.3	22.2	24.0	17.8	14.2	
I don't save	19.3	26.2	24.6	23.8	25.2	28.4	29.6	31.2	33.2	30.2	
No savings account	2.5	1.1	1.8	0.4	1.2	2.1	1.9	1.3	2.8	1.9	
<b>F. Purchasing behaviour in the past 6 months</b>											
1. Online purchase of product and or service											
Never	25.1	30.8	28.5	27.6	30.9	37.3	30.9	30.1	36.0	32.1	
Sometimes	44.8	39.9	42.0	41.7	42.9	38.6	43.5	44.3	43.7	43.6	
Monthly	19.9	17.4	18.5	20.8	18.6	14.5	17.3	16.9	13.8	18.3	
Weekly	8.8	10.3	9.7	9.3	6.6	7.8	7.7	6.9	5.3	5.1	
Daily	1.3	1.6	1.3	0.6	0.9	1.9	0.6	1.8	1.2	1.0	
2. Payment in U.S. Dollars for personal consumption											
Never	44.0	69.6	71.1	63.8	68.2	70.8	64.2	63.0	69.2	61.2	
Sometimes	43.8	21.7	22.8	27.6	27.6	25.5	31.8	30.1	26.7	28.8	
Monthly	5.7	4.7	2.8	4.2	1.8	1.3	1.5	2.7	2.0	4.8	
Weekly	4.1	2.8	2.8	3.4	2.1	2.1	1.9	2.2	0.8	4.5	
Daily	2.3	1.2	0.6	1.1	0.3	0.3	0.6	2.0	1.2	0.6	
3. Use of different bank channels for personal banking											
3.1 Branch											
Never	39.6	47.8	51.7	53.3	54.7	46.1	44.4	51.4	45.7	48.1	
Sometimes	45.3	41.1	37.1	35.6	32.7	40.5	41.4	39.2	44.1	41.3	
Monthly	11.4	8.3	7.8	6.9	8.7	9.9	9.6	5.6	8.1	8.3	
Weekly	1.6	1.2	2.4	1.9	3.3	2.7	3.4	1.5	2.0	1.3	
Daily	2.1	1.6	0.9	2.3	0.6	0.8	1.2	2.4	0.0	1.0	
3.2 ATM/Debit card											
Never	3.6	5.9	4.3	4.8	4.8	4.8	4.6	5.1	4.9	6.1	
Sometimes	28.8	35.2	35.6	35.6	36.9	30.8	37.0	30.3	32.4	35.6	
Monthly	17.4	17.0	16.0	20.8	11.7	21.2	18.5	20.0	19.8	17.9	
Weekly	38.9	32.0	34.5	29.5	37.2	33.0	31.2	30.9	29.1	29.2	
Daily	11.4	9.9	9.5	9.3	9.3	10.2	8.6	13.8	13.8	11.2	
3.3 Internet/Online											
Never	9.6	11.9	13.8	11.6	11.4	14.5	12.7	14.5	16.2	14.1	
Sometimes	21.8	24.1	19.2	16.0	15.9	19.3	16.7	18.3	20.2	20.2	
Monthly	23.3	21.3	21.5	22.3	18.3	20.4	24.1	18.7	21.1	18.3	
Weekly	25.4	23.3	26.1	28.6	27.9	22.0	24.4	21.1	19.4	19.6	
Daily	19.9	19.4	19.4	21.5	26.4	23.9	22.2	27.4	23.1	27.9	
3.4 Mobile app											
Never	26.4	23.7	28.2	26.1	20.1	20.9	20.4	18.2	24.7	16.7	
Sometimes	18.4	22.5	18.1	15.2	15.0	14.7	13.3	14.2	13.8	13.5	
Monthly	10.1	6.7	9.3	10.9	9.3	11.0	12.0	9.6	11.3	13.5	
Weekly	13.0	17.8	18.3	19.8	18.3	15.3	18.5	17.2	15.8	15.7	
Daily	32.1	29.2	26.1	28.0	37.2	38.1	35.8	40.8	34.4	40.7	

In percentages of all respondents.



**TABLE 1.4: PARTIAL ECONOMIC ACTIVITY INDEX 1)**  
2000 = 100

Period average	Share in GDP (in percent)	2009	2010	2011	2012	2010				2011				2012			
						I	II	III	IV	I	II	III	IV	I	II	III	IV
Total Index	68.7	-4.8	-0.9	6.1	-0.9	-4.7	-1.5	0.6	2.0	8.0	7.9	6.7	2.0	-2.6	-2.3	-0.7	1.9
a. Utilities	3.4	-0.7	-3.8	4.9	-5.6	-0.8	-3.7	-3.3	-7.5	4.8	2.2	6.0	6.6	-1.2	-6.6	-7.1	-7.4
b. Construction	6.2	-17.5	-18.2	41.4	-5.3	-51.5	-23.0	-2.2	25.7	70.0	35.8	35.2	32.5	-14.2	1.8	-8.8	-0.1
c. Trade	13.7	-19.6	0.1	9.8	-6.1	-3.4	1.3	7.3	-2.6	10.3	21.8	9.7	1.7	-7.0	-10.8	-8.4	0.0
d. Hotels & restaurants	11.1	-1.3	2.7	2.8	5.0	5.7	0.4	0.8	3.4	1.0	6.0	5.8	-1.1	4.0	3.0	5.9	7.2
e. Transport, storage & communication	8.5	0.7	2.3	5.5	0.4	-1.2	2.1	1.5	6.8	9.9	8.7	6.3	-2.2	-0.7	-1.9	1.3	2.9
f. Housing	12.5	2.6	1.8	1.4	3.1	1.7	2.6	1.7	1.5	1.3	0.4	2.0	1.9	2.9	3.4	3.1	2.9
g. Public adm. & education	13.2	0.4	-2.3	-2.0	-5.7	1.9	-2.2	-5.0	-3.6	2.0	0.7	-2.8	-8.0	-11.2	-9.1	-1.2	0.1

1) Percentage changes compared to the corresponding period a year earlier.

Source: CBS.

**TABLE 1.5: TOURISM**

	Total visitor nights	Total visitors	Visitors by origin							Diversification Index 1)	Average nights stayed	Average hotel occupancy rate	Cruise tourism	
			North America	Of which U.S.A.	Latin America	Of which Venezuela	Europe	Of which Nether- lands	Other				Number of passengers	Ship calls
Period	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
2018	8,069,965	1,082,003	792,995	742,107	164,070	50,582	89,745	40,231	35,193	0.48	7.5	85.1	815,161	334
2019	8,247,848	1,118,944	890,584	838,369	106,679	14,958	93,304	42,946	28,377	0.57	7.4	84.5	832,001	324
2020	2,895,628	368,322	315,035	295,403	16,817	1,218	28,201	15,974	8,269	0.65	7.9		255,384	98
2021	6,008,580	806,555	690,623	677,744	39,870	1,190	53,698	37,533	22,364	0.71	7.4		135,953	97
2019	I	2,249,443	294,183	237,636	217,956	28,435	6,212	21,796	11,478	6,316	0.56	7.6	292,922	118
	II	1,956,342	281,466	226,248	217,409	27,048	2,316	21,200	10,253	6,970	0.60	7.0	142,190	49
	III	1,985,634	273,192	211,308	203,126	28,163	3,364	27,113	10,004	6,608	0.56	7.3	120,413	41
	IV	2,056,429	270,103	215,392	199,878	23,033	3,066	23,195	11,211	8,483	0.56	7.6	276,476	116
2020	I	1,723,741	228,752	193,157	175,186	14,615	1,144	16,605	9,012	4,375	0.60	7.5	255,384	98
	II	0	0	0	0	0	0	0	0	0	0.00	0.0	0	0
	III	376,842	45,038	39,081	38,838	117	36	4,312	2,597	1,528	0.75	8.4	0	0
	IV	795,045	94,532	82,797	81,379	2,085	38	7,284	4,365	2,366	0.74	8.4	0	0
2021	I	941,881	112,338	98,249	97,453	4,949	85	6,361	3,822	2,779	0.76	8.4	0	0
	II	1,482,521	214,049	192,580	192,238	6,234	78	9,377	6,574	5,858	0.81	6.9	1,589	4
	III	1,726,634	240,701	204,177	202,662	12,211	504	18,081	13,366	6,232	0.71	7.2	27,891	19
	IV	1,857,544	239,467	195,617	185,391	16,476	523	19,879	13,771	7,495	0.61	7.8	106,473	74
2022	I	1,828,141	233,666	196,317	187,117	14,166	275	18,409	12,703	4,774	0.65	7.8	155,236	121
	II	1,997,783	294,659	244,270	236,934	21,942	444	21,964	11,536	6,483	0.65	6.8	108,236	41
	III	2,024,808	288,037	229,345	222,264	23,593	882	26,693	11,217	8,406	0.60	7.0	95,207	33

1) The Diversification Index measures the concentration within the tourist market, and thus demonstrates the degree of diversification by tourist origin countries. The higher the index, the higher the level of concentration, meaning less diversification. For further reference on the methodology (which is an application of a Herfindahl-Hirschman index) see the Quarterly Bulletin (2011-I) of the CBA.

Source: Aruba Tourism Authority; CBS; Aruba Hotel and Tourism Association; Cruise Tourism Authority.

**TABLE 1.6: GROWTH IN STAY-OVER TOURISM**

		Total visitor nights	Total visitors	North America	Of which U.S.A.	Latin America	Of which Venezuela	Europe	Of which Nether- lands	Other
Period		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>Quarterly percentage changes 1)</i>										
2020	I	-23.4	-22.2	-18.7	-19.6	-48.6	-81.6	-23.8	-21.5	-30.7
	II	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0	-100.0
	III	-81.0	-83.5	-81.5	-80.9	-99.6	-98.9	-84.1	-74.0	-76.9
	IV	-61.3	-65.0	-61.6	-59.3	-90.9	-98.8	-68.6	-61.1	-72.1
2021	I	-45.4	-50.9	-49.1	-44.4	-66.1	-92.6	-61.7	-57.6	-36.5
	II*	-24.2	-24.0	-14.9	-11.6	-77.0	-96.6	-55.8	-35.9	-16.0
	III*	-13.0	-11.9	-3.4	-0.2	-56.6	-85.0	-33.3	33.6	-5.7
	IV*	-9.7	-11.3	-9.2	-7.2	-28.5	-82.9	-14.3	22.8	-11.6
2022	I	94.1	108.0	99.8	92.0	186.2	223.5	189.4	232.4	71.8
	II	34.8	37.7	26.8	23.3	252.0	469.2	134.2	75.5	10.7
	III	17.3	19.7	12.3	9.7	93.2	75.0	47.6	-16.1	34.9
<i>Cumulative percentage changes 2)</i>										
2020	I	-23.4	-22.2	-18.7	-19.6	-48.6	-81.6	-23.8	-21.5	-30.7
	II	-59.0	-60.3	-58.4	-59.8	-73.7	-86.6	-61.4	-58.5	-67.1
	III	-66.1	-67.7	-65.6	-66.5	-82.4	-90.1	-70.2	-63.4	-70.3
	IV	-64.9	-67.1	-64.6	-64.8	-84.2	-91.9	-69.8	-62.8	-70.9
2021	I	-45.4	-50.9	-49.1	-44.4	-66.1	-92.6	-61.7	-57.6	-36.5
	II*	-42.4	-43.3	-37.3	-33.5	-79.8	-98.1	-63.4	-52.2	-35.0
	III*	-33.0	-33.2	-26.7	-22.9	-72.0	-94.4	-51.8	-25.1	-25.3
	IV*	-27.1	-27.9	-22.5	-19.2	-62.6	-92.0	-42.4	-12.6	-21.2
2022	I	94.1	108.0	99.8	92.0	186.2	223.5	189.4	232.4	71.8
	II	57.8	61.9	51.5	46.4	222.9	341.1	156.5	133.2	30.3
	III	40.9	44.0	35.3	31.3	155.2	140.0	98.3	49.2	32.2

\* As compared to the corresponding quarter for the year 2019

1) As compared to a year earlier.

2) From the beginning of the year to the end of the indicated period as compared to the corresponding period of a year earlier.

**TABLE 1.7: CONSUMER PRICE INDICES**  
(June 2019 = 100)

	Total index	Food & non-alcoholic beverages	Alcoholic beverages & tobacco products	Clothing & footwear	Housing	Household operation	Health	Transport	Communi- cation	Recreation & culture	Education	Restaurants & hotels	Miscellaneous goods & services
<b>Weights</b>	<b>10,000</b>	<b>1,088</b>	<b>78</b>	<b>277</b>	<b>2,522</b>	<b>929</b>	<b>223</b>	<b>1,257</b>	<b>850</b>	<b>1,013</b>	<b>98</b>	<b>442</b>	<b>1,223</b>
End of period	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2018	96.7	92.9	84.3	98.0	97.0	99.6	98.2	95.5	97.8	99.2	97.9	95.5	96.0
2019	100.1	99.2	99.8	98.2	100.4	99.8	100.0	100.8	99.6	100.5	100.0	103.9	99.3
2020	97.1	96.7	99.9	93.4	98.0	96.7	97.8	90.9	99.8	97.2	100.2	102.4	98.4
2021	100.6	100.9	102.0	94.3	98.4	102.7	95.1	105.2	99.2	100.5	104.8	104.4	100.2
2020 I	98.7	98.5	100.6	101.0	97.2	99.0	100.3	96.9	99.2	100.5	100.2	102.7	99.0
II	97.1	97.7	100.6	97.3	97.7	92.8	98.8	89.0	99.8	101.0	100.2	103.2	99.0
III	97.1	97.4	100.6	94.0	98.5	94.0	99.2	92.4	99.5	95.9	100.2	101.8	98.9
IV	97.1	96.7	99.9	93.4	98.0	96.7	97.8	90.9	99.8	97.2	100.2	102.4	98.4
2021 I	97.6	96.1	100.4	86.9	97.7	98.6	96.2	98.0	99.8	96.0	100.2	101.5	98.3
II	98.1	96.6	100.5	88.1	98.1	96.0	95.6	103.0	98.5	96.9	100.2	102.1	97.6
III	99.2	98.6	100.3	90.9	98.6	99.3	97.5	102.7	100.1	96.3	104.8	103.5	99.4
IV	100.6	100.9	102.0	94.3	98.4	102.7	95.1	105.2	99.2	100.5	104.8	104.4	100.2
2022 I	101.5	103.0	103.9	100.4	98.7	99.5	95.4	112.2	97.7	98.6	104.8	107.0	100.3
II	103.3	107.3	104.7	89.0	98.6	101.0	96.9	125.6	97.9	95.3	104.8	108.2	100.7
III	106.2	110.5	105.4	96.8	109.9	100.8	99.8	119.1	98.0	97.5	104.8	109.7	100.7

Source: CBS.

**TABLE 1.8A: PERCENTAGE PRICE CHANGES**  
(June 2019 = 100)

End of period	All groups index	Percentage Change			
		Over previous month	Over 3 months earlier	Over a year earlier	Last 12 months over previous 12 months
2018	96.7	0.7	0.9	4.5	3.6
2019	100.1	0.6	0.7	3.6	3.9
2020	97.1	0.1	-0.1	-3.1	-1.3
2021	100.6	0.7	1.4	3.6	0.7
2020 I	98.7	-0.2	-1.5	0.7	3.6
II	97.1	-0.5	-1.6	-2.9	2.0
III	97.1	-0.3	0.0	-2.3	0.4
IV	97.1	0.1	-0.1	-3.1	-1.3
2021 I	97.6	0.6	0.5	-1.1	-2.3
II	98.1	0.7	0.5	1.0	-1.8
III	99.2	0.4	1.2	2.2	-0.7
IV	100.6	0.7	1.4	3.6	0.7
2022 I	101.5	1.0	0.9	4.0	2.1
II	103.3	0.8	1.8	5.3	3.4
III	106.2	-0.2	2.9	7.0	4.7

**TABLE 1.8B: PERCENTAGE PRICE CHANGES**  
(Percentage change)

	2018	2019	2020	2021	2020				2021				2022		
					I	II	III	IV	I	II	III	IV	I	II	III
(Period average)															
Total index	3.6	3.9	-1.3	0.7	2.1	-1.8	-2.7	-2.9	-1.9	0.1	1.8	3.0	3.6	5.1	6.9
Food and non-alcoholic beverages	7.1	10.5	-0.5	-0.2	3.3	-0.5	-2.4	-2.2	-2.7	-1.7	0.4	3.2	6.1	9.7	11.7
Alcoholic beverages and tobacco	5.8	18.6	3.2	0.1	10.0	2.8	0.4	0.3	-0.4	0.0	-0.2	0.9	3.2	3.8	4.8
Clothing and footwear	1.6	4.3	-4.1	-6.8	-1.1	-2.1	-6.2	-6.8	-9.4	-12.6	-4.1	-0.7	11.0	8.4	3.8
Housing	0.6	3.0	-1.6	0.7	-0.2	-1.4	-2.4	-2.2	0.1	0.5	1.3	0.8	0.9	0.2	7.1
Household operation	2.8	-1.1	-3.0	-1.1	-0.3	-4.1	-2.9	-4.4	-4.8	-2.1	0.2	2.6	2.6	4.3	5.1
Health	8.3	4.9	-0.5	-3.6	1.7	-0.4	-0.9	-2.4	-4.0	-3.8	-3.6	-2.8	-1.1	0.4	2.1
Transport	8.9	3.1	-5.8	9.5	3.9	-10.5	-8.1	-7.9	-2.6	14.2	13.0	14.6	13.0	20.7	19.8
Communications	4.7	8.2	0.1	-0.1	0.6	-0.6	0.0	0.3	0.5	-0.1	-0.3	-0.4	-1.2	-1.6	-1.6
Recreation and culture	3.3	0.7	1.0	-1.9	7.9	2.5	-2.5	-3.3	-4.3	-5.6	-0.6	3.3	2.0	1.4	2.5
Education	3.5	2.3	0.6	1.9	1.5	0.6	0.2	0.2	0.0	0.0	3.1	4.6	4.6	4.6	1.5
Restaurants and hotels	4.5	6.5	2.9	0.3	5.8	4.7	1.2	0.2	-0.5	-1.5	1.7	1.6	4.4	6.1	5.3
Miscellaneous goods and services	1.6	3.4	-0.1	-0.1	1.9	-0.3	-0.9	-1.0	-0.7	-1.1	0.0	1.4	2.0	2.7	1.8
Total index (excl. energy-related components)	2.8	3.6	0.0	-0.3	2.8	-1.0	-1.8	-2.0	-1.9	0.0	1.7	2.9	3.5	4.9	5.1
Total index (excl. energy & food-related components)	2.1	2.7	0.1	-0.2	2.5	-0.9	-1.5	-1.8	-1.6	0.2	1.7	2.6	2.9	3.9	3.9
(12-month average)															
Aruba	3.6	3.9	-1.3	0.7	3.6	2.0	0.4	-1.3	-2.3	-1.8	-0.7	0.7	2.1	3.4	4.7
Aruba (excl. energy-related components)	2.8	3.6	0.0	-0.3	3.5	2.4	1.2	0.0	-1.1	-1.5	-1.0	-0.3	0.8	2.0	2.8
Aruba (excl. energy & food-related components)	2.1	2.7	0.1	-0.2	2.7	2.0	1.1	0.1	-0.9	-1.2	-0.9	-0.2	0.6	1.5	2.0
United States	2.4	1.8	1.2	4.7	1.9	1.6	1.4	1.2	1.2	2.3	3.3	4.7	6.2	7.2	7.9
Curacao	2.7	2.8	2.3	3.8	2.9	2.6	2.4	2.3	2.4	2.9	3.3	3.8	4.5	5.2	
The Netherlands	1.7	2.6	1.3	2.7	2.4	2.1	1.7	1.3	1.3	1.5	1.7	2.7	4.1	5.8	8.4
Real exchange rate index (1995=100) 1)	101.2	103.3	100.7	96.9	103.3	102.7	101.7	100.7	99.7	98.6	97.7	96.9	95.9	95.1	94.8

1) Relative to the U.S.A. Based on CPI 12-month averages.

Source: CBA, CBS Aruba, CBS Netherlands, CBS Netherlands Antilles, Bureau of Labor Statistics.

**TABLE 1.9: CONSTRUCTION ACTIVITIES**

	2018	2019	2020	2021	2020				2021				2022		
					I	II	III	IV	I	II	III	IV	I	II	III
1. Number of construction permits granted	796	969	663	815	171	134	166	192	172	222	208	213	155	227	
a. Houses 1)	443	551	309	419	85	63	78	83	88	118	107	106	80	113	
b. Apartments	56	71	61	77	16	9	20	16	24	16	19	18	10	16	
c. Office buildings	6	17	6	4	2	0	1	3	4	0	0	0	2	2	
d. Stores and shopping malls 2)	17	14	10	10	1	3	2	4	4	3	2	1	7	6	
e. Others	274	316	277	305	67	59	65	86	52	85	80	88	56	90	
2. Total value of construction permits (x AfL million)	463.3	857.0	679.8	777.3	129.1	193.1	251.4	106.1	212.6	390.1	114.1	60.5	44.7	78.6	
a. Houses 1)	139.6	151.6	103.5	120.9	25.9	21.2	29.9	26.5	24.9	36.1	28.7	31.4	20.6	34.4	
b. Apartments	55.1	51.8	52.3	93.4	9.1	16.6	14.6	12.1	53.3	19.9	11.9	8.3	8.4	15.6	
c. Office buildings	2.8	35.6	14.1	4.2	7.7	0.0	0.7	5.7	4.2	0.0	0.0	0.0	1.8	4.9	
d. Stores and shopping malls 2)	69.5	30.0	19.8	12.1	2.8	4.1	2.5	10.4	6.2	2.9	2.7	0.2	3.8	4.9	
e. Others	196.3	588.0	490.2	546.8	83.8	151.2	203.8	51.4	124.1	331.3	70.8	20.6	10.1	18.8	
3. Total cement imported (x 1,000 Kg)	63,099	49,556	38,877	45,707	9,477	6,828	13,956	8,616	11,709	8,327	13,878	11,792	12,047	12,894	11,427
4. Number of electrical installations approved	1,823	2,047	1,598	2,256	240	233	471	654	354	559	554	789	509	438	
a. Houses 1)	439	524	432	400	68	54	113	197	91	99	90	120	78	58	
b. Apartments	496	460	386	507	45	63	129	149	90	109	120	188	111	83	
c. Enterprises	93	73	70	117	10	12	17	31	23	27	20	47	14	5	
d. Others	795	990	710	1,232	117	104	212	277	150	324	324	434	306	292	

1) Excluding additions to and remodelling of existing houses.

2) Excluding additions to and remodelling of existing stores and shopping malls.

Source: Department of Public Works; Department of Technical Inspection; CBS.

**TABLE 1.10: UTILITIES**

	2018	2019	2020	2021	2020				2021				2022		
					I	II	III	IV	I	II	III	IV	I	II	III
1. Water															
a. Quantity (x 1,000 m3) 1)	12,124	12,582	11,055	11,742	2,969	2,681	2,771	2,634	2,695	3,029	3,112	2,907	2,967	3,170	3,024
b. Value (in Afl. mln.)	107.1	111.7	95.7	101.7	25.8	23.4	24.0	22.5	23.1	26.5	27.2	25.0	25.8	27.8	28.6
c. Connected premises	47,633	48,618	48,599	49,357	48,710	48,700	48,524	48,599	48,662	48,895	49,142	49,357	49,572	49,848	50,163
2. Electricity															
a. Quantity (x 1,000 KWH)	775,884	808,675	742,761	782,534	190,123	164,154	199,660	188,823	169,670	193,311	213,154	206,399	180,169	200,899	214,017
b. Value (in Afl. mln)	376.3	390.8	327.5	349.3	84.3	71.8	87.6	83.8	76.3	86.3	94.7	92.0	81.4	90.1	108.4
c. Connections	50,089	51,104	51,532	52,264	51,196	51,469	51,292	51,532	51,810	51,897	52,286	52,264	52,645	52,704	53,042
d. Number of users	46,270	47,305	47,951	48,795	47,318	47,411	47,626	47,951	47,959	48,200	48,515	48,795	48,891	49,181	49,436
3. Gas															
a. Quantity (x 1,000 pounds)	24,905	23,748	18,980	20,661	5,758	3,761	4,409	5,052	4,812	5,125	5,187	5,537	5,103	5,223	5,085
b. Value (in Afl. mln)	31.3	25.9	17.2	21.2	5.7	3.0	4.0	4.6	4.7	5.2	5.5	5.8	5.9	6.4	6.3
c. Households	7,235	7,166	7,826	7,355	1,969	2,041	1,794	2,022	1,828	1,855	1,730	1,942	1,722	1,714	1,625
d. Commercial users	17,670	16,583	11,154	13,306	3,789	1,720	2,615	3,030	2,984	3,270	3,457	3,595	3,381	3,508	3,460
4. Utilities index 2)	145.8	150.8	136.4	144.1	142.0	122.4	144.5	137.7	126.7	143.5	155.8	150.7	135.5	149.1	155.7

1) Sale of water, excluding to Coastal Aruba N.V., Valero Aruba Refining Co. N.V. and vessels.

2) For annual data, base: 1996 = 100

For quarterly data, base: average 1996 =100

Source: WEB Aruba N.V.; N.V. ELMAR; Arugas N.V.



**TABLE 1.11: MERCHANDISE FOREIGN TRADE BY COUNTRY**

	2018	2019	2020	2021	2020				2021				2022		
					I	II	III	IV	I	II	III	IV	I	II	III
1. Export of goods (f.o.b.)	75.1	84.0	73.5	58.8	14.5	13.5	21.9	23.6	11.8	20.1	14.4	12.5	13.4	18.7	18.6
a. United States	36.1	43.4	35.2	29.5	8.7	4.4	12.0	10.0	6.2	10.0	7.3	6.0	6.3	5.8	9.1
b. Colombia	0.6	2.2	0.6	1.0	0.1	0.0	0.1	0.5	0.2	0.6	0.1	0.1	0.1	0.0	0.0
c. The Netherlands	15.1	11.3	9.6	8.5	3.1	2.0	3.0	1.4	1.0	3.4	2.6	1.5	2.9	3.7	3.9
d. The Netherlands Antilles	6.9	7.3	6.4	8.7	1.4	1.4	1.9	1.7	1.2	3.6	2.3	1.7	1.9	5.6	3.0
e. Venezuela	0.9	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
f. Other countries	15.4	19.6	21.6	10.9	1.1	5.7	5.0	9.9	3.1	2.5	2.0	3.3	2.1	3.6	2.5
2. Import of goods (c.i.f.)	2,201.7	2,276.8	1,624.5	1,982.5	497.5	301.7	409.6	415.7	381.3	460.8	549.6	590.8	535.8	570.2	638.9
a. United States	1,259.2	1,224.4	863.9	1,032.4	287.7	158.0	204.2	214.1	206.7	240.1	278.9	306.6	275.2	311.7	352.1
b. The Netherlands	282.7	302.7	256.2	318.8	76.1	45.8	66.3	68.0	65.4	79.8	87.6	86.1	82.1	87.7	91.2
c. The Netherlands Antilles	33.4	31.0	26.6	29.5	6.6	4.7	8.0	7.3	5.2	6.7	8.2	9.5	9.1	7.6	9.2
d. Venezuela	12.9	3.5	1.2	1.1	0.6	0.1	0.4	0.1	0.2	0.2	0.3	0.4	0.1	0.8	0.1
e. Panama	57.4	63.7	56.5	61.0	13.3	10.6	13.9	18.7	11.2	13.5	16.9	19.4	15.8	13.1	16.9
f. Brazil	45.6	43.3	37.5	54.6	8.4	8.7	9.6	10.7	7.6	12.2	14.6	20.2	11.5	13.4	20.8
g. Colombia	46.2	54.8	45.4	58.0	10.5	10.3	11.9	12.7	10.4	11.0	17.0	19.5	14.9	17.1	16.1
h. Japan	23.9	21.1	8.9	7.9	3.8	1.9	1.6	1.7	1.5	2.0	2.1	2.2	2.7	2.3	3.2
i. Other countries	440.3	532.4	328.1	419.2	90.5	61.6	93.6	82.5	73.1	95.3	123.9	126.8	124.3	116.4	129.3
3. Trade balance	-2,126.6	-2,192.8	-1,551.0	-1,923.7	-483.0	-288.2	-387.6	-392.1	-369.5	-440.7	-535.2	-578.3	-522.4	-551.4	-620.3

Source: CBS.

**TABLE 1.12: MERCHANDISE FOREIGN TRADE BY PRODUCT CATEGORY**

	2018	2019	2020	2021	2020				2021				2022		
					I	II	III	IV	I	II	III	IV	I	II	III
1. Export of goods (f.o.b.)	75.1	84.0	73.5	58.8	14.5	13.5	21.9	23.6	11.8	20.1	14.4	12.5	13.4	18.7	18.6
a. Live animals and other animal products	0.6	0.4	0.4	0.3	0.0	0.0	0.0	0.3	0.1	0.1	0.0	0.1	0.0	0.1	0.1
b. Transport equipment	2.7	5.1	2.3	2.9	0.5	0.4	0.6	0.8	0.1	1.9	0.4	0.5	1.7	0.2	1.1
c. Art objects and collectors' items	10.6	8.5	6.3	7.2	0.8	2.0	2.7	0.8	1.0	2.2	2.8	1.2	0.9	1.5	2.9
d. Machinery and electro technical equipment	6.5	9.0	5.5	5.3	1.3	1.9	0.7	1.6	0.9	2.1	0.9	1.4	0.8	2.2	3.7
e. Other goods	54.7	61.0	59.0	43.1	11.9	9.1	17.8	20.2	9.7	13.8	10.4	9.3	9.9	14.8	10.9
2. Import of goods (c.i.f.)	2,201.7	2,276.8	1,624.5	1,982.5	497.5	301.7	409.6	415.7	381.3	460.8	549.6	590.8	535.8	570.2	638.9
a. Live animals and other animal products	188.9	193.6	134.5	188.0	45.2	24.9	29.2	35.2	32.3	42.0	53.7	60.0	45.3	58.7	66.3
b. Food products	279.3	284.1	225.2	285.4	66.6	43.3	54.0	61.2	54.9	67.8	77.7	84.9	69.4	79.4	81.4
c. Chemical products	202.2	198.7	187.5	221.3	50.5	41.2	47.0	48.8	47.8	55.2	56.7	61.5	51.7	54.8	55.3
d. Base metals and derivative works	81.0	94.4	69.5	87.9	21.9	11.8	17.9	17.9	19.8	16.0	24.5	27.6	27.3	22.6	28.4
e. Machinery and electro technical equipment	324.9	385.0	282.4	251.0	73.9	56.8	83.4	68.4	58.6	59.1	61.9	71.3	80.3	65.2	82.7
f. Transport equipment	156.2	149.8	71.4	95.2	27.1	11.7	15.5	17.2	17.3	26.7	25.0	26.1	26.3	30.2	39.4
g. Other goods	969.2	971.2	653.9	853.7	212.2	112.1	162.5	167.2	150.6	193.8	249.9	259.3	235.3	259.3	285.3
3. Trade balance	-2,126.6	-2,192.8	-1,551.0	-1,923.7	-483.0	-288.2	-387.6	-392.1	-369.5	-440.7	-535.2	-578.3	-522.4	-551.4	-620.3

Source: CBS.

**TABLE 1.13: OIL REFINING**

	2016	2017	2018	2019	2018				2019				2020
					I	II	III	IV	I	II	III	IV	I
1. Export of refined oil (x Afl. million)*	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Import of crude oil (x Afl. million)*	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Quantity of oil refined (x 1,000 barrels)	0	0	0	0	0	0	0	0	0	0	0	0	0
4. Number of employees (at end of period) 1)	70	135	143	77	18	146	143	143	83	81	79	77	0

1) Excluding persons employed with contractors.

\* Figures for imports and exports have been revised for the period between 2004 - 2010.

Source: Aruba's oil refining company.

## General and explanatory notes to the tables

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Quarterly Tables Real Sector Q3 2022

## General note to the tables

Figures in the tables are quoted in millions of Aruban florin (Afl.), unless otherwise stated. The sum of separate items may differ in the final digit from the total shown, due to rounding.

Data are subject to revision if additional information becomes available.

The following symbols and conventions are used throughout the tables:

blank: not available

0.0: nil

(d): discontinuity in the series; this sign will be accompanied by an explanatory note in the back section of the report.

## Explanatory notes to the tables

### Table 1.1 Gross domestic product and its components

Gross Domestic Product (GDP) and its components are calculated on the basis of the United Nations publication "A System of National Accounts, 1993". The Central Bureau of Statistics (CBS) has published GDP figures for 1995 up to and including 2006.

Exports and imports of goods and services exclude crude oil and refined oil products. An estimation of the net value added of the oil sector is included in the data on exports.

The various GDP components are deflated individually and a weighted average of these individual deflators is used to derive an overall deflator, which in turn is used to calculate the real GDP.

Population data refer to the average of this variable at the beginning and at the end of each respective year.

### Table 1.6 Consumer price indices

As of January 2017, the consumer price index (CPI), produced by the CBS, is based on the household expenditure survey conducted by the CBS during the months of May to June of 2016.

The expenditures are classified by categories according to the International Classification of Individual Consumption according to Purpose (COICOP) system for consumer expenditures and prices, which provides a suitable classification for CPI purposes.

In order to calculate consistent annual rates of change with the new classification, the CPI has to be calculated retrospectively for 2 years. Therefore, June of 2019 has been chosen as the new base period for the CPI. Subsequently, the CPI figures for 2017, 2018 and 2019 have been revised accordingly.

To convert the indexes prior to June 2019 to the new base period, these indexes should be multiplied by the ratio of the new and old index. For instance, the indexes in column 1 “Total index” prior to June 2019 should be multiplied by the ratio 0.7911 i.e.,

$$\frac{\text{June 2019 (New index)}}{\text{June 2019 (Old Index)}} = \frac{100.0}{126.4} = 0.7907$$

#### Table 1.9 Utilities

The table Utilities reflect the consumption of water, electricity and gas. The consumption of water is excluding sales to Aruba’s Oil Refining Company and vessels. Each category is presented on the basis of its standard unit of measure. The utilities index is calculated as a weighted average of the indexed consumption of water, electricity and gas. The weights used here are dynamic and fluctuate according to the relative significance (during a period) of the value of each consumption category in the aggregated value. Annual data are based on the year 1996 (=100), while quarterly data are based on an average of that year, since the quarterly data reflect only the consumption during a quarter, while the annual data is cumulative.

#### Table 1.10 and Table 1.11 Merchandise foreign trade, respectively by country and by product category

The data for these tables (by country and by product category) are collected through customs administration using the automated Harmonized Commodity Description and Coding System. In this system, about 8,500 documents related to export and import are registered on a monthly basis. The CBS processes this data using the International General Trade System. Certain types of goods are excluded from the data, e.g., monetary gold, securities, bank notes, coins in circulation, and postal items. Furthermore, goods consigned by a government to its armed forces and diplomatic representatives abroad (including embassies, consulates, the Cabinet of the Netherlands-Antillean and Aruban Affairs (VNO), the Cabinet of the Governor of Aruba representing the Queen of the Kingdom of the Netherlands, and the Marine Corps) are also excluded from the trade statistics. These exclusions are in accordance with the recommendations of the United Nations. Mineral fuels are also excluded.

The country from which goods are imported is the country of consignment or provenance from which goods are dispatched to Aruba without any commercial transactions in intermediate countries. The country of export is the country of destination known at the time of dispatchment as the final country to which goods are delivered.



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