



CENTRALE BANK VAN ARUBA

STATISTICAL TABLES

REAL SECTOR

THIRD QUARTER 2021

Last updated November 19, 2021

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TABLE 1.1: GROSS DOMESTIC PRODUCT

	2013	2014	2015	2016	2017	2018	2019 p	2020 p
1. GDP at market prices (= A + B + C - D)	4,883	4,996	5,304	5,341	5,535	5,732	5,925	4,469
A. Final consumption	4,149	4,157	4,168	4,167	4,326	4,543	4,658	4,188
1. Household	2,870	2,917	2,935	2,913	3,052	3,192	3,360	2,920
2. Government	1,279	1,240	1,233	1,254	1,274	1,350	1,298	1,268
B. Gross capital formation	1,163	1,155	1,142	1,099	1,138	1,237	1,271	1,004
1. Private 1)	1,100	1,105	1,107	1,031	1,090	1,183	1,236	970
2. Public	64	50	35	68	47	54	35	35
C. Exports of goods and services	3,738	3,910	3,864	3,836	4,016	4,230	4,419	2,527
D. Imports of goods and services	4,167	4,227	3,871	3,761	3,944	4,278	4,423	3,250
2. GDP deflator (2013 = 100)	100.0	102.3	104.9	103.5	101.7	103.9	103.8	109.8
3. Real gross domestic product	4,883	4,882	5,055	5,162	5,445	5,514	5,399	4,194
4. GDP growth (in percent)								
A. Nominal	4.3	2.3	6.2	0.7	3.6	3.5	3.4	-24.6
B. Real	6.4	0.0	3.6	2.1	5.5	1.3	-2.2	-22.3
5. Mid-year population	106,383	107,823	109,225	110,354	110,850	111,466	112,190	111,050
6. GDP per capita								
A. In Afl.	45,899	46,332	48,557	48,396	49,936	51,423	52,812	40,243
B. In US\$	25,642	25,884	27,127	27,037	27,897	28,728	29,504	22,482
C. Percentage change	2.5	0.9	4.8	-0.3	3.2	3.0	2.7	-23.8

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		
	2020	2021			2020	2021			2020	2021							
	IV	I	II	III	IV	I	II	III	IV	I	II	III					
A. Current economic conditions	13.9	13.3	56.9	56.8	17.1	27.4	25.9	30.1	69.0	59.3	17.2	13.1	2017	103.2	103.9	103.5	
1. The economic conditions in Aruba	3.8	13.3	70.0	72.9	7.6	16.9	16.3	22.0	88.6	69.9	13.8	5.1	2018	101.2	100.3	100.8	
2. The activities of your business	6.3	8.4	65.0	62.7	17.7	32.5	27.5	33.9	75.9	59.0	7.5	3.4	2019	99.4	100.2	99.8	
3. The investments of your business	13.9	6.0	33.8	30.5	26.6	45.8	48.8	54.2	59.5	48.2	17.5	15.3	2020	92.3	104.5	96.8	
4. The number of employees that work for your company	31.6	25.3	58.8	61.0	16.5	14.5	11.3	10.2	51.9	60.2	30.0	28.8					
5. Terms and conditions for obtaining finance	3.8	1.2	3.8	5.1	45.6	45.8	62.5	66.1	50.6	53.0	33.8	28.8					
B. Expected short-term economic conditions 1)	22.5	24.6	48.0	40.7	59.5	61.2	45.8	53.6	18.0	14.2	6.3	5.8	2019	I	98.6	100.6	99.5
1. The economic conditions in Aruba	29.1	7.2	7.5	10.2	44.3	75.9	80.0	81.4	26.6	16.9	12.5	8.5		II	99.4	98.4	98.9
2. The activities of your business	27.8	44.6	85.0	67.8	58.2	44.6	12.5	27.1	13.9	10.8	2.5	5.1		III	96.4	98.7	97.3
3. The investments of your business	21.5	34.9	65.0	62.7	60.8	56.6	33.8	35.6	17.7	8.4	1.3	1.7		IV	98.4	96.0	97.4
4. The number of employees that work for your company	11.4	20.5	46.3	35.6	74.7	65.1	47.5	59.3	13.9	14.5	6.3	5.1	2020	I	93.9	90.8	92.2
														II	92.5	96.4	94.0
														III	92.3	94.9	93.3
														IV	93.4	101.1	95.9
													2021	I	93.7	102.7	97.3
														II	105.4	107.7	106.5
														III	106.2	107.5	106.8

1) During the next 6 months.

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

	Employment				Operational results				Sales				Average wage costs			
	2020				Profits				Losses				2020			
	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
1. no change	50.6	44.6	45.0	50.8	11.4	7.2	8.8	13.6	5.1	7.2	2.5	0.0	12.7	14.5	16.3	13.6
2. increase of less than 5.1 percent	8.9	3.6	21.3	16.9	3.8	3.6	20.0	15.3	5.1	4.8	3.8	3.4	6.3	7.2	17.5	20.3
3. increase between 5.1 and 10.1 percent	1.3	3.6	3.8	8.5	3.8	2.4	6.3	10.2	1.3	4.8	5.0	0.0	2.5	2.4	11.3	13.6
4. increase of more than 10.1 percent	1.3	3.6	0.0	3.4	3.8	1.2	22.5	22.0	13.9	8.4	1.3	6.8	0.0	1.2	23.8	27.1
5. decrease of less than 5 percent	15.2	22.9	12.5	11.9	6.3	7.2	5.0	5.1	1.3	1.2	7.5	6.8	7.6	12.0	6.3	11.9
6. decrease between 5.1 and 10.1 percent	12.7	9.6	5.0	1.7	5.1	6.0	1.3	3.4	1.3	2.4	0.0	3.4	7.6	8.4	6.3	5.1
7. decrease of more than 10.1 percent	10.1	12.0	12.5	6.8	30.4	31.3	11.3	8.5	7.6	12.0	5.0	1.7	63.3	54.2	18.8	8.5
Total	100.0	100.0	100.0	100.0	64.6	59.0	75.0	78.0	35.4	41.0	25.0	22.0	100.0	100.0	100.0	100.0

1) In percentages of all respondents.

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

	2017	2018	2019	2020	2019				2020				2021		
					I	II	III	IV	I	II	III	IV	I	II	III
1. Index current economic condition	103.2	101.2	99.4	92.3	98.6	99.4	96.4	98.4	93.9	92.5	92.3	93.4	93.7	105.4	106.2
a. Manufacturing (excl. manufacture of refined petroleum products)	96.7	90.0	90.0	95.7	110.0	96.7	90.0	90.0	102.7	90.0	98.0	92.5	96.7	105.0	110.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	110.0	100.0	110.0	91.8	105.0	90.0	96.7	106.0	90.0	90.0	93.5	94.0	91.4	105.7	110.0
c. Construction	100.0	93.3	96.7	92.5	91.8	91.7	96.7	100.0	93.8	95.0	92.1	92.6	95.7	108.0	105.0
d. Wholesale and retail trade, repair of motor vehicles and household goods	98.0	106.0	95.0	91.2	94.0	96.7	92.9	94.4	92.6	92.0	91.6	92.2	94.2	104.1	105.6
e. Hotels and restaurants	102.0	103.3	95.0	91.7	101.7	101.3	93.3	96.7	92.5	91.4	92.4	93.9	92.7	108.2	105.4
f. Transport, storage and communication	107.8	110.0	90.0	91.1	94.4	95.0	98.9	93.3	93.6	93.3	92.5	93.7	92.4	104.3	106.7
g. Financial intermediation	110.0	94.0	102.0	99.1	100.0	103.3	100.0	106.0	94.1	93.5	93.8	93.8	94.6	103.1	105.2
h. Real estate and other business activities	110.0	100.0	100.0	90.9	95.3	97.7	95.9	98.3	94.3	94.5	90.0	94.0	93.5	102.9	106.0
i. Health, other community and personal service activities	102.0	105.7	106.0	92.5	110.0	108.5	102.5	94.4	92.2	91.9	91.1	91.7	93.8	104.1	107.8
2. Index short-term future economic condition	103.9	100.3	100.2	104.5	100.6	98.4	98.7	96.0	90.8	96.4	94.9	101.1	102.7	107.7	107.5
a. Manufacturing (excl. manufacture of refined petroleum products)	90.0	90.0	96.7	90.0	90.0	90.0	96.7	90.0	92.2	90.0	90.0	90.0	110.0	110.0	110.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	110.0	90.0	106.0	110.0	110.0	100.0	100.0	110.0	90.0	98.6	94.3	95.0	102.0	107.1	108.0
c. Construction	90.0	90.0	98.6	108.0	94.0	90.0	98.0	92.9	90.6	93.1	102.0	110.0	96.7	105.0	105.0
d. Wholesale and retail trade, repair of motor vehicles and household goods	98.0	102.0	90.0	103.6	101.4	93.3	96.7	92.2	90.0	95.5	91.4	102.6	99.1	104.8	108.0
e. Hotels and restaurants	107.5	90.0	90.0	110.0	97.7	99.1	90.0	90.0	90.6	97.2	94.3	101.4	108.3	110.0	109.3
f. Transport, storage and communication	107.1	110.0	90.0	100.0	95.7	90.0	106.0	95.0	90.0	93.8	99.1	102.9	103.3	102.5	103.3
g. Financial intermediation	106.7	96.7	105.6	110.0	105.6	106.0	100.0	107.5	92.1	95.5	95.9	99.7	98.8	109.3	105.7
h. Real estate and other business activities	107.5	110.0	105.6	106.5	102.0	100.0	101.7	103.3	90.3	96.7	90.0	95.7	105.0	110.0	110.0
i. Health, other community and personal service activities	102.0	105.7	106.0	92.5	110.0	108.5	102.5	94.4	90.0	98.6	91.9	103.3	98.6	106.5	106.0
3. Business Perception Index	103.5	100.8	99.8	96.8	99.5	98.9	97.3	97.4	92.2	94.0	93.3	95.9	97.3	106.5	106.8
a. Manufacturing (excl. manufacture of refined petroleum products)	94.0	90.0	93.3	95.0	100.0	94.0	92.9	90.0	98.0	90.0	95.0	92.2	100.8	107.1	110.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	110.0	90.0	108.0	98.9	106.0	90.0	99.9	100.7	90.0	93.3	93.9	94.3	95.8	106.4	108.9
c. Construction	96.7	92.2	97.4	98.5	92.5	90.9	97.1	97.8	92.1	94.9	96.5	96.2	96.0	106.4	105.0
d. Wholesale and retail trade, repair of motor vehicles and household goods	98.0	104.0	92.5	96.1	97.1	95.3	94.6	93.3	91.2	93.3	91.5	95.8	96.0	104.4	106.7
e. Hotels and restaurants	105.4	100.0	92.9	99.2	99.6	100.4	92.0	94.0	91.4	93.6	93.1	96.4	100.1	109.1	107.2
f. Transport, storage and communication	107.5	110.0	90.0	93.7	95.0	92.7	101.4	94.0	91.7	93.5	94.6	96.8	97.5	103.3	105.6
g. Financial intermediation	108.2	96.2	105.3	101.8	103.3	104.7	100.0	104.3	93.1	94.3	94.6	96.0	95.9	106.1	105.4
h. Real estate and other business activities	108.2	105.0	102.6	97.5	98.7	98.8	98.3	100.5	92.0	95.4	90.0	94.5	97.2	106.2	107.8
i. Health, other community and personal service activities	102.7	105.8	103.0	96.7	110.0	108.2	102.7	92.5	90.9	94.5	92.4	95.6	95.8	105.3	106.9

TABLE 1.3: 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 1.4: 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)	
2017	7,966,583	1,070,548	743,017	695,851	202,776	96,653	90,871	37,246	33,884	0.44	7.4		792,384	352	
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		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		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	
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	3
	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

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 1.5: 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>										
2019	I	5.0	7.0	10.9	12.2	-14.9	-14.6	11.7	19.1	-17.6
	II	4.6	6.0	13.5	14.1	-27.5	-77.4	10.3	6.4	-27.2
	III	0.1	1.6	14.8	15.2	-42.4	-80.6	1.5	1.2	-29.4
	IV	-0.8	-0.9	10.3	10.5	-48.2	-80.5	-4.6	1.2	-1.3
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
<i>Cumulative percentage changes 2)</i>										
2019	I	5.0	7.0	10.9	12.2	-14.9	-14.6	11.7	19.1	-17.6
	II	4.8	6.5	12.1	13.1	-21.6	-51.3	11.0	12.8	-22.9
	III	3.3	4.9	13.0	13.8	-30.1	-65.9	7.1	8.8	-25.2
	IV	2.2	3.4	12.3	13.0	-35.0	-70.4	4.0	6.7	-19.4
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

* 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 1.6: 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
Weights	10,000	1,088	78	277	2,522	929	223	1,257	850	1,013	98	442	1,223
End of period	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2017	92.5	83.5	77.8	92.1	95.1	100.7	87.9	89.7	88.0	96.8	95.4	90.4	94.0
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
2019 I	98.0	97.4	95.2	98.2	98.7	102.1	99.1	96.4	99.2	93.7	99.1	97.3	98.5
II	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
III	99.4	99.8	100.2	99.8	100.1	98.5	101.4	98.7	99.7	97.6	100.0	101.2	99.5
IV	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 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

Source: CBS.

TABLE 1.7A: 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
2017	92.5	0.7	1.2	-0.5	-1.0
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
2019 I	98.0	1.4	1.4	3.5	3.9
II	100.0	0.8	2.0	4.8	4.3
III	99.4	-0.5	-0.6	3.8	4.0
IV	100.1	0.6	0.7	3.6	3.9
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

TABLE 1.7B: PERCENTAGE PRICE CHANGES
(Percentage change)

	2018	2019	2020	2019				2020				2021		
				I	II	III	IV	I	II	III	IV	I	II	III
Total index	3.6	3.9	-1.3	3.4	4.6	3.9	3.9	2.1	-1.8	-2.7	-2.9	-1.9	0.1	1.8
Food and non-alcoholic beverages	7.1	10.5	-0.5	11.5	12.6	10.6	7.7	3.3	-0.5	-2.4	-2.2	-2.7	-1.7	0.4
Alcoholic beverages and tobacco	5.8	18.6	3.2	14.9	20.9	19.8	18.5	10.0	2.8	0.4	0.3	-0.4	0.0	-0.2
Clothing and footwear	1.6	4.3	-4.1	5.2	5.2	5.3	1.6	-1.1	-2.1	-6.2	-6.8	-9.4	-12.6	-4.1
Housing	0.6	3.0	-1.6	1.7	2.7	4.1	3.6	-0.2	-1.4	-2.4	-2.2	0.1	0.5	1.3
Household operation	2.8	-1.1	-3.0	0.5	0.3	-4.0	-1.1	-0.3	-4.1	-2.9	-4.4	-4.8	-2.1	0.2
Health	8.3	4.9	-0.5	9.3	7.2	2.1	1.7	1.7	-0.4	-0.9	-2.4	-4.0	-3.8	-3.6
Transport	8.9	3.1	-5.8	3.2	4.1	2.2	2.7	3.9	-10.5	-8.1	-7.9	-2.6	14.2	13.0
Communications	4.7	8.2	0.1	10.3	9.0	8.1	5.5	0.6	-0.6	0.0	0.3	0.5	-0.1	-0.3
Recreation and culture	3.3	0.7	1.0	-5.7	1.7	1.3	5.5	7.9	2.5	-2.5	-3.3	-4.3	-5.6	-0.6
Education	3.5	2.3	0.6	2.4	2.2	2.6	2.2	1.5	0.6	0.2	0.2	0.0	0.0	3.1
Restaurants and hotels	4.5	6.5	2.9	6.2	6.8	6.2	6.7	5.8	4.7	1.2	0.2	-0.5	-1.5	1.7
Miscellaneous goods and services	1.6	3.4	-0.1	2.8	3.8	3.7	3.2	1.9	-0.3	-0.9	-1.0	-0.7	-1.1	0.0
<i>Total index (excl. energy-related components)</i>	2.8	3.6	0.0	3.1	4.4	3.6	3.6	2.8	-1.0	-1.8	-2.0	-1.9	0.0	1.7
<i>Total index (excl. energy & food-related components)</i>	2.1	2.7	0.1	2.1	3.3	2.6	2.9	2.5	-0.9	-1.5	-1.8	-1.6	0.2	1.7
Aruba	3.6	3.9	-1.3	3.9	4.3	4.0	3.9	3.6	2.0	0.4	-1.3	-2.3	-1.8	-0.7
Aruba (excl. energy-related components)	2.8	3.6	0.0	3.1	3.6	3.6	3.6	3.5	2.4	1.2	0.0	-1.1	-1.5	-1.0
Aruba (excl. energy & food-related components)	2.1	2.7	0.1	2.3	2.6	2.6	2.7	2.7	2.0	1.1	0.1	-0.9	-1.2	-0.9
United States	2.4	1.8	1.2	2.3	2.1	1.9	1.8	1.9	1.6	1.4	1.2	1.2	2.3	3.3
Curacao	2.6	2.8	2.3	2.7	2.9	2.9	2.8	2.9	2.7	2.4	2.3			
The Netherlands	1.7	2.6	1.3	2.0	2.3	2.5	2.6	2.4	2.1	1.7	1.3	1.3	1.5	1.7
Real exchange rate index (1995=100) 1)	101.2	103.3	100.7	101.6	102.3	102.8	103.3	103.3	102.7	101.7	100.7	99.7	98.8	97.7

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 1.8: CONSTRUCTION ACTIVITIES

	2017	2018	2019	2020	2019				2020				2021		
					I	II	III	IV	I	II	III	IV	I	II	II
1. Number of construction permits granted	831	796	969	663	266	245	273	185	171	134	166	192	172	222	208
a. Houses 1)	454	443	551	309	164	149	161	77	85	63	78	83	88	118	107
b. Apartments	58	56	71	61	16	19	17	19	16	9	20	16	24	16	19
c. Office buildings	17	6	17	6	3	2	9	3	2	0	1	3	4	0	0
d. Stores and shopping malls 2)	8	17	14	10	7	1	4	2	1	3	2	4	4	3	2
e. Others	294	274	316	277	76	74	82	84	67	59	65	86	52	85	80
2. Total value of construction permits (x Afl. million)	576.2	463.3	857.0	679.8	104.8	82.0	111.7	558.5	129.1	193.1	251.4	106.1	212.6	390.1	114.1
a. Houses 1)	116.8	139.6	151.6	103.5	44.2	43.5	40.9	22.9	25.9	21.2	29.9	26.5	24.9	36.1	28.7
b. Apartments	89.9	55.1	51.8	52.3	12.8	10.4	13.3	15.3	9.1	16.6	14.6	12.1	53.3	19.9	11.9
c. Office buildings	39.1	2.8	35.6	14.1	13.8	6.5	14.1	1.3	7.7	0.0	0.7	5.7	4.2	0.0	0.0
d. Stores and shopping malls 2)	24.0	69.5	30.0	19.8	7.7	0.4	19.2	2.7	2.8	4.1	2.5	10.4	6.2	2.9	2.7
e. Others	306.4	196.3	588.0	490.2	26.4	21.1	24.2	516.3	83.8	151.2	203.8	51.4	124.1	331.3	70.8
3. Total cement imported (x 1,000 Kg)	58,473	63,099	49,556	38,877	14,001	12,291	12,377	10,888	9,477	6,828	13,956	8,616	11,709	8,327	13,878
4. Number of electrical installations approved	1,909	1,823	2,047	1,598	394	445	559	649	240	233	471	654	354	559	
a. Houses 1)	428	439	524	432	72	100	147	205	68	54	113	197	91	99	
b. Apartments	471	496	460	386	110	81	116	153	45	63	129	149	90	109	
c. Enterprises	149	93	73	70	15	31	13	14	10	12	17	31	23	27	
d. Others	861	795	990	710	197	233	283	277	117	104	212	277	150	324	

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 1.9: UTILITIES

	2017	2018	2019	2020	2019				2020				2021		
					I	II	III	IV	I	II	III	IV	I	II	III
1. Water															
a. Quantity (x 1,000 m3) 1)	12,091	12,124	12,582	11,055	3,191	3,182	3,244	2,965	2,969	2,681	2,771	2,634	2,695	3,029	3,112
b. Value (in Afl. mln.)	107.0	107.1	111.7	95.7	28.4	28.3	29.0	26.1	25.8	23.4	24.0	22.5	23.1	26.5	27.2
c. Connected premises	46,522	47,633	48,618	48,599	47,902	48,152	48,431	48,618	48,710	48,700	48,524	48,599	48,662	48,895	49,142
2. Electricity															
a. Quantity (x 1,000 KWH)	795,275	775,884	808,675	742,761	178,938	198,609	217,277	213,850	190,123	164,154	199,660	188,823	169,670	193,311	213,154
b. Value (in Afl. mln)	398.0	376.3	390.8	327.5	88.1	95.6	104.8	102.3	84.3	71.8	87.6	83.8	76.3	86.3	94.7
c. Connections	48,293	50,089	51,104	51,532	50,271	50,431	50,664	51,104	51,196	51,469	51,292	51,532	51,810	51,897	52,286
d. Number of users	44,691	46,270	47,305	47,951	46,457	46,621	47,005	47,305	47,318	47,411	47,626	47,951	47,959	48,200	48,515
3. Gas															
a. Quantity (x 1,000 pounds)	24,790	24,905	23,748	18,980	6,066	5,923	5,772	5,986	5,758	3,761	4,409	5,052	4,812	5,125	5,187
b. Value (in Afl. mln)	27.0	31.3	25.9	17.2	7.2	6.5	6.1	6.1	5.7	3.0	4.0	4.6	4.7	5.2	5.5
c. Households	7,241	7,235	7,166	7,826	1,755	1,804	1,710	1,896	1,969	2,041	1,794	2,022	1,828	1,855	1,730
d. Commercial users	17,549	17,670	16,583	11,154	4,311	4,119	4,062	4,091	3,789	1,720	2,615	3,030	2,984	3,270	3,457
4. Utilities index 2)	148.7	145.8	150.8	136.4	138.6	149.0	160.2	156.4	142.0	122.4	144.5	137.7	126.7	143.5	155.8

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 1.10: MERCHANDISE FOREIGN TRADE BY COUNTRY

	2017	2018	2019	2020	2019				2020				2021		
					I	II	III	IV	I	II	III	IV	I	II	III
1. Export of goods (f.o.b.)	84.8	75.1	78.7	61.4	18.0	25.7	20.7	14.3	15.4	10.4	19.1	16.5	11.8	20.1	14.4
a. United States	33.5	36.1	43.2	35.2	10.5	10.5	14.6	11.1	8.7	4.4	12.0	10.0	6.2	10.0	7.3
b. Colombia	0.3	0.6	2.2	0.6	0.9	0.9	0.1	1.1	0.1	0.0	0.1	0.5	0.2	0.6	0.1
c. The Netherlands	10.7	15.1	11.3	9.6	2.5	2.5	3.7	3.1	3.1	2.0	3.0	1.4	1.0	3.4	2.6
d. The Netherlands Antilles	1.0	1.7	1.9	0.8	0.1	0.1	0.7	0.6	0.2	0.1	0.4	0.1	0.4	1.4	1.2
e. Venezuela	2.4	0.9	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0
f. Other countries	36.8	20.6	19.9	15.1	3.8	3.8	6.5	4.7	3.2	3.8	3.6	4.5	3.9	4.7	3.1
2. Import of goods (c.i.f.)	2,057.1	2,201.7	2,276.8	1,626.3	517.4	517.4	529.9	564.3	497.9	302.7	409.8	415.9	381.8	461.0	549.0
a. United States	1,185.8	1,275.8	1,249.5	879.2	293.1	293.1	304.5	309.0	289.9	160.0	208.9	220.4	212.5	244.7	285.6
b. The Netherlands	276.8	283.6	303.1	258.8	72.3	72.3	74.1	79.8	78.2	45.8	66.2	68.6	65.4	81.1	88.4
c. The Netherlands Antilles	10.0	8.4	4.1	2.0	1.2	1.2	0.8	0.7	0.7	0.2	0.6	0.5	0.4	0.8	0.9
d. Venezuela	33.3	12.7	3.4	1.2	1.3	1.3	0.7	0.8	0.5	0.1	0.4	0.2	0.2	0.2	0.3
e. Panama	56.4	58.1	65.3	59.2	15.3	15.3	15.0	14.2	14.3	11.1	14.2	19.7	11.9	16.1	17.4
f. Brazil	37.9	45.8	43.8	37.3	7.6	7.6	12.7	14.1	8.5	8.6	9.8	10.3	7.6	10.5	14.8
g. Colombia	42.0	46.5	53.8	46.3	12.7	12.7	12.7	13.9	11.1	10.3	12.2	12.7	10.4	11.3	17.4
h. Japan	23.3	23.7	21.0	9.3	4.9	4.9	5.1	5.7	4.0	2.0	1.7	1.6	1.6	1.9	2.1
i. Other countries	391.7	446.9	532.9	333.0	109.1	109.1	104.3	126.1	90.7	64.7	95.8	81.8	71.9	94.3	122.0
3. Trade balance	-1,972.3	-2,126.6	-2,198.1	-1,564.9	-499.5	-499.5	-504.2	-543.6	-482.5	-292.3	-390.7	-399.4	-370.0	-440.9	-534.6

Source: CBS.

TABLE 1.11: MERCHANDISE FOREIGN TRADE BY PRODUCT CATEGORY

	2017	2018	2019	2020	2019				2020				2021		
					I	II	III	IV	I	II	III	IV	I	II	III
1. Export of goods (f.o.b.)	84.8	75.1	78.7	61.4	18.0	25.7	20.7	14.3	15.4	10.4	19.1	16.5	11.8	20.1	14.4
a. Live animals and other animal products	1.8	0.6	0.4	0.4	0.1	0.1	0.2	0.1	0.0	0.0	0.0	0.3	0.1	0.1	0.0
b. Transport equipment	1.5	2.7	5.1	2.3	3.9	0.6	0.4	0.2	0.5	0.4	0.6	0.8	0.1	1.9	0.4
c. Art objects and collectors' items	5.0	10.6	8.5	6.3	1.4	2.7	2.9	1.6	0.8	2.0	2.7	0.8	1.0	2.2	2.8
d. Machinery and electro technical equipment	4.5	6.5	9.0	5.5	0.5	4.0	2.7	1.8	1.3	1.9	0.7	1.6	0.9	2.1	0.9
e. Other goods	72.0	54.7	55.7	46.9	12.2	18.4	14.5	10.7	12.8	6.0	15.0	13.1	9.7	13.8	10.4
2. Import of goods (c.i.f.)	2,057.1	2,201.7	2,276.8	1,626.3	517.4	529.9	564.3	665.2	497.9	302.7	409.8	415.9	381.8	461.0	549.0
a. Live animals and other animal products	191.7	188.9	193.7	134.5	47.6	49.6	47.2	49.3	45.2	24.9	29.2	35.2	32.3	42.0	53.7
b. Food products	265.6	279.3	284.1	225.2	68.5	72.0	67.1	76.6	66.7	43.3	54.1	61.2	54.9	67.8	77.0
c. Chemical products	195.6	202.2	198.7	187.9	47.8	51.7	49.5	49.7	50.7	41.4	47.0	48.8	47.9	55.2	56.7
d. Base metals and derivative works	88.5	81.0	94.4	69.5	19.8	24.2	24.8	25.7	21.9	11.8	17.9	17.9	19.8	16.0	24.6
e. Machinery and electro technical equipment	296.4	324.9	385.0	282.9	81.0	73.3	82.9	147.9	74.0	56.9	83.5	68.5	58.9	59.2	62.0
f. Transport equipment	148.5	156.2	149.8	71.8	32.3	40.7	40.1	36.7	27.1	11.9	15.5	17.2	17.5	26.7	25.0
g. Other goods	870.9	969.2	971.2	654.5	220.5	218.5	252.8	279.4	212.3	112.5	162.5	167.2	150.6	193.9	250.0
3. Trade balance	-1,972.3	-2,126.6	-2,198.1	-1,564.9	-499.5	-504.2	-543.6	-650.8	-482.5	-292.3	-390.7	-399.4	-370.0	-440.9	-534.6

Source: CBS.

TABLE 1.12: 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 note to the tables of the statistical annex

Figures in the statistical annex 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 statistical annex:

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 of the statistical annex

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.