



CENTRALE BANK VAN ARUBA

STATISTICAL TABLES
REAL SECTOR
FOURTH QUARTER 2019
Last updated April 7, 2020

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TABLE 1.2A: BUSINESS PERCEPTION RESULTS

Survey questionnaire responses

	Improvement				No change				Worsening				Current	Short-term	Business perception index		
	2019				2019				2019								
	I	II	III	IV	I	II	III	IV	I	II	III	IV					
A. Current economic conditions	23.0	29.4	20.5	28.4	46.6	37.5	36.4	31.9	30.4	33.1	43.2	39.7	2015	100.7	99.5	100.1	
1. The economic conditions in Aruba	10.8	15.2	6.1	13.8	40.5	30.3	45.5	27.6	48.6	54.5	48.5	58.6	2016	97.1	105.6	102.1	
2. The activities of your business	24.3	27.3	21.2	27.6	43.2	36.4	42.4	37.9	32.4	36.4	36.4	34.5	2017	103.2	103.9	103.5	
3. The investments of your business	29.7	36.4	18.2	31.0	51.4	42.4	48.5	37.9	18.9	21.2	33.3	31.0	2018	101.2	100.3	100.8	
4. The number of employees that work for your company	27.0	42.4	36.4	41.4	51.4	36.4	9.1	24.1	21.6	21.2	54.5	34.5	2019	99.4	100.2	99.8	
5. Terms and conditions for obtaining finance	2.7	2.9	27.3	24.1	73.0	76.5	72.7	75.9	24.3	20.6	0.0	0.0					
B. Expected short-term economic conditions 1)	23.0	20.6	17.4	13.8	56.8	50.7	59.8	54.3	20.3	28.7	22.7	31.9	2017	I	96.5	103.7	100.1
1. The economic conditions in Aruba	8.1	12.1	27.3	0.0	54.4	33.3	72.7	75.9	40.5	54.5	0.0	24.1	II	102.4	103.5	104.6	
2. The activities of your business	32.4	21.2	0.0	6.9	54.1	54.5	45.5	34.5	13.5	24.2	54.5	58.6	III	106.8	107.0	103.9	
3. The investments of your business	35.1	24.2	15.2	24.1	56.8	51.5	66.7	58.6	8.1	24.2	18.2	17.2	IV	102.7	103.0	102.9	
4. The number of employees that work for your company	16.2	27.3	27.3	24.1	64.9	60.6	54.5	48.3	18.9	12.1	18.2	27.6	2018	I	102.4	98.8	101.0
													II	100.5	98.4	99.5	
													III	100.3	97.0	99.0	
													IV	99.1	99.7	99.4	
													2019	I	98.6	100.6	99.5
													II	99.4	98.4	98.9	
													III	96.4	98.7	97.3	
													IV	98.4	96.0	97.4	

1) During the next 6 months.

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

	Employment				Operational results				Sales				Average wage costs			
					Profits				Losses							
	2019				2019				2019				2019			
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
1. no change	51.4	38.2	51.5	41.4	13.5	11.8	6.1	17.9	5.4	8.8	3.0	3.6	16.2	8.8	15.2	25.0
2. increase of less than 5.1 percent	27.0	41.2	18.2	20.7	27.0	23.5	15.2	17.9	0.0	0.0	0.0	7.1	29.7	26.5	24.2	53.6
3. increase between 5.1 and 10.1 percent	0.0	0.0	3.0	3.4	13.5	2.9	6.1	3.6	0.0	2.9	6.1	3.6	10.8	5.9	6.1	3.6
4. increase of more than 10.1 percent	0.0	0.0	0.0	0.0	13.5	8.8	9.1	7.1	0.0	2.9	0.0	0.0	5.4	17.6	9.1	3.6
5. decrease of less than 5 percent	16.2	17.6	21.2	20.7	0.0	8.8	15.2	10.7	16.2	5.9	12.1	3.6	13.5	23.5	18.2	0.0
6. decrease between 5.1 and 10.1 percent	5.4	2.9	6.1	13.8	0.0	5.9	15.2	21.4	2.7	2.9	3.0	0.0	10.8	5.9	15.2	10.7
7. decrease of more than 10.1 percent	0.0	0.0	0.0	0.0	0.0	8.8	9.1	3.6	8.1	5.9	0.0	0.0	13.5	11.8	12.1	3.6
Total	100.0	100.0	100.0	100.0	67.6	70.6	75.8	82.1	32.4	29.4	24.2	17.9	100.0	100.0	100.0	100.0

1) In percentages of all respondents.

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

	2015	2016	2017	2018	2019	2017				2018				2019			
						I	II	III	IV	I	II	III	IV	I	II	III	IV
1. Index current economic condition	100.7	97.1	103.2	101.2	99.4	96.5	104.5	103.5	102.7	102.4	100.5	100.3	99.1	98.6	99.4	96.4	98.4
a. Manufacturing (excl. manufacture of refined petroleum products)	90.0	100.0	96.7	90.0	90.0	90.0	100.0	100.0	100.0	96.7	95.0	90.0	90.0	110.0	96.7	90.0	90.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	110.0	110.0	110.0	100.0	110.0	100.0	100.0	90.0	90.0	95.0	90.0	95.7	100.0	105.0	90.0	96.7	106.0
c. Construction	110.0	90.0	100.0	93.3	96.7	90.0	90.0	98.6	98.6	96.7	101.1	97.5	93.3	91.8	91.7	96.7	100.0
d. Wholesale and retail trade, repair of motor vehicles and household goods	105.0	105.0	98.0	106.0	95.0	91.8	98.0	103.3	101.4	103.3	100.9	102.0	103.3	94.0	96.7	92.9	94.4
e. Hotels and restaurants	100.0	90.0	102.0	103.3	95.0	103.3	100.0	107.5	105.0	102.0	110.0	103.3	100.0	101.7	101.3	93.3	96.7
f. Transport, storage and communication	95.0	95.7	107.8	110.0	90.0	101.4	108.2	103.8	105.6	108.0	107.1	107.1	95.7	94.4	95.0	98.9	93.3
g. Financial intermediation	100.0	100.0	110.0	94.0	102.0	100.0	105.0	90.0	110.0	110.0	100.0	98.9	110.0	100.0	103.3	100.0	106.0
h. Real estate and other business activities	96.7	100.0	110.0	100.0	100.0	100.0	110.0	100.0	102.0	101.4	90.0	103.3	100.0	95.3	97.7	95.9	98.3
i. Health, other community and personal service activities	101.4	95.5	102.0	105.7	106.0	99.1	104.3	105.7	105.6	105.0	104.0	101.4	100.8	110.0	108.5	102.5	94.4
2. Index short-term future economic condition	99.5	105.6	103.9	100.3	100.2	103.7	104.8	104.5	103.0	98.8	98.4	97.0	99.7	100.6	98.4	98.7	96.0
a. Manufacturing (excl. manufacture of refined petroleum products)	90.0	100.0	90.0	90.0	96.7	90.0	100.0	100.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	96.7	90.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	100.0	110.0	110.0	90.0	106.0	100.0	100.0	100.0	110.0	100.0	94.0	90.0	90.0	110.0	100.0	100.0	110.0
c. Construction	90.0	95.0	90.0	90.0	98.6	103.3	110.0	90.0	95.0	90.0	94.0	90.0	90.0	94.0	90.0	98.0	92.9
d. Wholesale and retail trade, repair of motor vehicles and household goods	101.1	107.1	98.0	102.0	90.0	98.9	96.7	98.0	102.5	90.0	102.0	93.3	103.3	101.4	93.3	96.7	92.2
e. Hotels and restaurants	100.0	110.0	107.5	90.0	90.0	110.0	100.0	106.0	103.3	100.0	103.3	96.7	90.0	97.7	99.1	90.0	90.0
f. Transport, storage and communication	90.0	105.6	107.1	110.0	90.0	106.7	110.0	110.0	104.0	107.1	100.0	92.9	103.3	95.7	90.0	106.0	95.0
g. Financial intermediation	105.6	107.5	106.7	96.7	105.6	100.0	106.0	106.7	110.0	100.0	96.7	98.9	100.0	105.6	106.0	100.0	107.5
h. Real estate and other business activities	110.0	110.0	107.5	110.0	105.6	100.0	110.0	110.0	110.0	110.0	110.0	110.0	105.0	102.0	100.0	101.7	103.3
i. Health, other community and personal service activities	101.4	95.5	102.0	105.7	106.0	99.1	104.3	105.7	105.6	105.0	104.0	101.4	100.8	110.0	108.5	102.5	94.4
3. Business Perception Index	100.1	102.1	103.5	100.8	99.8	100.1	104.6	103.9	102.9	101.0	99.5	99.0	99.4	99.5	98.9	97.3	97.4
a. Manufacturing (excl. manufacture of refined petroleum products)	90.0	100.0	94.0	90.0	93.3	90.0	100.0	100.0	98.0	94.0	92.5	90.0	90.0	100.0	94.0	92.9	90.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	110.0	110.0	110.0	90.0	108.0	100.0	100.0	90.0	100.0	97.5	92.0	95.0	90.0	106.0	90.0	99.9	100.7
c. Construction	94.0	92.5	96.7	92.2	97.4	96.7	102.0	96.0	97.3	94.0	98.6	96.0	92.0	92.5	90.9	97.1	97.8
d. Wholesale and retail trade, repair of motor vehicles and household goods	102.9	106.4	98.0	104.0	92.5	95.0	97.5	100.9	102.0	100.0	101.4	98.8	103.3	97.1	95.3	94.6	93.3
e. Hotels and restaurants	100.0	103.3	105.4	100.0	92.9	106.7	100.0	106.9	104.5	101.4	106.7	101.1	96.7	99.6	100.4	92.0	94.0
f. Transport, storage and communication	92.5	101.3	107.5	110.0	90.0	103.8	108.7	105.8	104.7	107.6	103.3	100.0	99.2	95.0	92.7	101.4	94.0
g. Financial intermediation	102.2	105.0	108.2	96.2	105.3	100.0	106.4	103.3	107.8	100.8	98.2	98.9	103.3	103.3	104.7	100.0	104.3
h. Real estate and other business activities	103.3	106.7	108.2	105.0	102.6	100.0	110.0	108.0	106.9	105.4	98.6	106.0	102.5	98.7	98.8	98.3	100.5
i. Health, other community and personal service activities	103.8	101.2	102.7	105.8	103.0	102.8	102.3	105.2	102.6	100.9	101.0	101.4	102.0	110.0	108.2	102.7	92.5

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)
2016		7,975,560	1,101,954	670,891	628,832	302,009	209,128	86,743	36,342	42,311	0.37	7.2		656,043	307
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	792,997	742,109	164,070	50,582	89,745	40,231	35,191	0.48	7.5		815,161	334
2019														832,001	324
2016	I	2,199,687	310,255	181,259	164,594	99,864	77,886	17,593	8,399	11,539	0.35	7.1		279,844	138
	II	1,823,562	266,484	170,575	163,507	66,226	44,461	19,567	8,513	10,116	0.41	6.8		96,493	41
	III	2,030,355	273,060	156,813	150,329	78,977	53,981	26,610	9,577	10,660	0.35	7.4		62,889	26
	IV	1,921,956	252,155	162,244	150,402	56,942	32,800	22,973	9,853	9,996	0.38	7.6		216,817	102
2017	I	2,039,562	263,565	195,255	177,217	42,335	18,406	18,387	9,131	7,588	0.47	7.7		280,923	123
	II	1,864,287	263,178	187,669	179,426	45,650	19,218	21,412	8,752	8,447	0.48	7.1		154,214	60
	III	1,998,134	270,714	173,232	165,790	62,070	33,389	27,286	9,608	8,126	0.40	7.4		101,932	42
	IV	2,064,600	273,091	186,861	173,418	52,721	25,640	23,786	9,755	9,723	0.42	7.6		255,315	127
2018	I	2,142,065	274,955	214,355	194,294	33,418	7,277	19,517	9,640	7,665	0.51	7.8		308,838	134
	II	1,869,480	265,422	199,316	190,616	37,318	10,247	19,212	9,633	9,576	0.52	7.0		128,407	48
	III	1,984,586	268,937	184,008	176,370	48,857	17,341	26,714	9,884	9,358	0.44	7.4		131,016	46
	IV	2,073,834	272,689	195,318	180,829	44,477	15,717	24,302	11,074	8,592	0.45	7.6		246,900	106
2019	I	2,244,377	294,186	237,634	217,954	28,438	6,215	21,796	11,478	6,318	0.56	7.6		292,922	118
	II	1,956,342	281,466	226,240	217,401	27,048	2,316	21,200	10,253	6,978	0.60	7.0		142,190	49
	III	1,976,634	273,192	211,298	203,116	28,163	3,364	27,113	10,004	6,618	0.56	7.2		120,413	41
	IV													276,476	116

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>										
2017	I	-7.3	-15.0	7.7	7.7	-57.6	-76.4	4.5	8.7	-34.2
	II	2.2	-1.2	10.0	9.7	-31.1	-56.8	9.4	2.8	-16.5
	III	-1.6	-0.9	10.5	10.3	-21.4	-38.1	2.5	0.3	-23.8
	IV	7.4	8.3	15.2	15.3	-7.4	-21.8	3.5	-1.0	-2.7
2018	I	5.0	4.3	9.8	9.6	-21.1	-60.5	6.1	5.6	1.0
	II	0.3	0.9	6.2	6.2	-18.3	-46.7	-10.3	10.1	13.4
	III	-0.7	-0.7	6.2	6.4	-21.3	-48.1	-2.1	2.9	15.2
	IV	0.4	-0.1	4.5	4.3	-15.6	-38.7	2.2	13.5	-11.6
2019	I	4.8	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	-27.1
	III	-0.4	1.6	14.8	15.2	-42.4	-80.6	1.5	1.2	-29.3
	IV									
<i>Cumulative percentage changes 2)</i>										
2017	I	-7.3	-15.0	7.7	7.7	-57.6	-76.4	4.5	8.7	-34.2
	II	-3.0	-8.7	8.8	8.7	-47.0	-69.2	7.1	5.7	-26.0
	III	-2.5	-6.2	9.3	9.2	-38.8	-59.7	5.2	3.8	-25.2
	IV	-0.1	-2.9	10.8	10.7	-32.9	-53.8	4.8	2.5	-19.9
2018	I	5.0	4.3	9.8	9.6	-21.1	-60.5	6.1	5.6	1.0
	II	2.8	2.6	8.0	7.9	-19.6	-53.4	-2.7	7.8	7.5
	III	1.6	1.5	7.5	7.4	-20.3	-50.9	-2.4	6.1	10.1
	IV	1.3	1.1	6.7	6.6	-19.1	-47.7	-1.2	8.0	3.9
2019	I	4.8	7.0	10.9	12.2	-14.9	-14.6	11.7	19.1	-17.6
	II	4.7	6.5	12.1	13.1	-21.6	-51.3	11.0	12.8	-22.9
	III	3.0	4.9	13.0	13.8	-30.1	-65.9	7.1	8.8	-25.1
	IV									

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	125.8	109.0	72.5	101.1	75.5	77.6	93.3	69.6	79.5	108.8	110.3	82.9
2018	96.7	143.0	115.9	76.5	101.9	74.9	85.4	97.5	77.9	81.8	109.3	114.2	83.7
2019	101.7	158.3	133.0	83.6	103.2	77.0	83.9	101.9	77.9	95.3	109.3	120.0	86.5
2017 I	91.8	124.2	108.8	74.2	101.2	74.5	77.0	90.4	69.5	78.1	103.5	108.4	83.3
II	91.9	124.3	108.6	73.1	101.2	73.4	78.1	90.4	69.5	80.2	107.4	109.4	83.1
III	91.5	124.3	109.2	73.4	101.3	74.7	77.5	90.9	69.6	73.6	108.8	109.6	82.8
IV	92.5	125.8	109.0	72.5	101.1	75.5	77.6	93.3	69.6	79.5	108.8	110.3	82.9
2018 I	94.7	138.7	110.9	73.3	101.0	74.8	80.5	95.2	70.7	83.0	108.8	110.6	83.1
II	95.4	141.5	111.4	72.5	101.2	74.9	80.5	98.4	70.8	82.3	108.8	110.5	83.2
III	95.8	138.7	115.9	74.8	101.5	76.7	85.9	99.8	72.2	78.7	109.3	114.5	84.1
IV	96.7	143.0	115.9	76.5	101.9	74.9	85.4	97.5	77.9	81.8	109.3	114.2	83.7
2019 I	98.0	154.4	127.4	74.9	102.3	75.5	85.1	97.3	78.0	77.7	109.3	115.0	86.1
II	100.0	162.4	132.2	76.6	102.8	74.9	85.2	100.0	78.0	82.3	109.3	117.0	86.7
III	100.0	160.2	133.0	80.8	102.9	77.2	85.0	98.8	77.9	83.1	109.3	117.2	86.5
IV	101.7	158.3	133.0	83.6	103.2	77.0	83.9	101.9	77.9	95.3	109.3	120.0	86.5

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	101.7	1.1	1.7	5.2	4.3
2017 I	91.8	-0.2	-1.3	-0.6	-0.9
II	91.9	-0.2	0.2	-1.2	-0.7
III	91.5	-0.2	-0.5	-1.6	-0.8
IV	92.5	0.7	1.2	-0.5	-1.0
2018 I	94.7	0.9	2.3	3.2	-0.3
II	95.4	0.5	0.7	3.8	0.7
III	95.8	-0.2	0.4	4.7	2.3
IV	96.7	0.7	0.9	4.5	3.6
2019 I	98.0	1.4	1.4	3.5	3.9
II	100.0	0.8	2.0	4.8	4.3
III	100.0	0.2	0.0	4.4	4.1
IV	101.7	1.1	1.7	5.2	4.3

TABLE 1.7B: PERCENTAGE PRICE CHANGES
(Percentage change)

	2018	2019	2018				2019			
			I	II	III	IV	I	II	III	IV
<i>(Period average)</i>										
Total index	3.6	4.3	2.1	3.2	4.9	4.3	3.4	4.6	4.0	5.0
Food and non-alcoholic beverages	11.4	12.8	7.9	13.4	12.5	11.9	10.6	13.0	15.1	12.5
Alcoholic beverages and tobacco	4.2	14.6	2.0	2.4	6.2	6.1	11.6	16.8	15.0	14.7
Clothing and footwear	0.5	5.4	-3.3	-0.1	0.1	5.5	4.3	3.6	5.6	8.1
Housing	0.2	1.2	0.3	0.0	0.2	0.5	0.9	1.3	1.4	1.3
Household operation	1.3	0.2	0.1	1.5	3.1	0.7	0.4	0.5	-1.2	1.0
Health	6.9	2.6	2.4	4.1	10.4	10.5	7.8	5.8	-0.8	-1.7
Transport	7.4	1.1	4.6	7.0	10.9	7.3	1.4	2.4	-0.4	1.0
Communications	3.2	8.7	0.7	1.8	3.7	6.5	11.5	10.4	8.0	5.1
Recreation and culture	2.5	3.9	1.4	-0.6	6.6	2.7	-3.5	1.8	2.2	15.3
Education	2.4	0.2	6.3	2.6	0.5	0.5	0.5	0.5	0.0	0.0
Restaurants and hotels	2.7	4.0	1.8	1.5	3.8	3.8	4.3	5.0	3.2	3.5
Miscellaneous goods and services	0.7	3.1	-0.1	0.0	1.5	1.4	2.2	3.8	2.9	3.4
<i>Total index (excl. energy-related components)</i>	3.0	4.3	2.1	3.1	4.8	4.2	3.3	4.6	4.0	5.0
<i>Total index (excl. energy & food-related components)</i>	1.4	2.4	0.9	1.2	3.1	2.5	1.8	2.7	1.8	3.1
<i>(12-month average)</i>										
Aruba	3.6	4.3	-0.3	0.7	2.3	3.6	3.9	4.3	4.1	4.3
Aruba (excl. energy-related components)	3.0	5.0	2.1	3.1	4.8	4.2	3.3	4.6	4.0	5.0
Aruba (excl. energy & food-related components)	1.4	3.1	0.9	1.2	3.1	2.5	1.8	2.7	1.8	3.1
United States	2.4	1.8	2.1	2.3	2.4	2.4	2.3	2.1	1.9	1.8
Curacao	2.6	2.8	1.7	1.8	2.3	2.6	2.7	2.9	2.9	2.8
The Netherlands	1.7	2.6	1.3	1.4	1.6	1.7	2.0	2.3	2.5	2.6
Real exchange rate index (1995=100) 1)	80.8	82.6	79.9	80.0	80.4	80.8	81.2	81.7	82.2	82.6

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

	2016	2017	2018	2019	2016				2017				2018				2019			
					I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
1. Number of construction permits granted	694	831	796	969	187	151	210	146	164	189	273	205	184	169	165	278	266	245	273	185
a. Houses 1)	370	454	443	551	108	82	101	79	93	117	139	105	95	88	99	161	164	149	161	77
b. Apartments	54	58	56	71	14	11	16	13	14	6	23	15	15	8	13	20	16	19	17	19
c. Office buildings	7	17	6	17	0	2	2	3	1	6	7	3	2	1	1	2	3	2	9	3
d. Stores and shopping malls 2)	14	8	17	14	5	2	5	2	2	2	2	2	5	5	2	5	7	1	4	2
e. Others	249	294	274	316	60	54	86	49	54	58	102	80	67	67	50	90	76	74	82	84
2. Total value of construction permits (x Afl. million)	282.5	576.2	463.3	857.0	51.8	51.0	80.2	99.5	102.3	211.1	128.4	134.4	95.8	66.1	80.6	220.7	104.8	82.0	111.7	558.5
a. Houses 1)	89.0	116.8	139.6	151.6	24.3	22.7	22.1	20.0	22.7	30.0	36.4	27.7	26.7	32.3	25.5	55.1	44.2	43.5	40.9	22.9
b. Apartments	41.0	89.9	55.1	51.8	7.9	6.9	18.7	7.4	53.9	3.8	19.8	12.4	25.1	3.4	6.7	19.8	12.8	10.4	13.3	15.3
c. Office buildings	5.8	39.1	2.8	35.6	0.0	0.7	3.8	1.4	0.6	11.4	20.1	7.0	1.5	0.1	0.3	0.9	13.8	6.5	14.1	1.3
d. Stores and shopping malls 2)	26.9	24.0	69.5	30.0	8.3	3.1	10.3	5.1	3.7	1.7	11.8	6.9	9.9	9.1	1.5	49.0	7.7	0.4	19.2	2.7
e. Others	119.8	306.4	196.3	588.0	11.3	17.6	25.3	65.6	21.3	164.2	40.3	80.5	32.6	21.2	46.6	95.8	26.4	21.1	24.2	516.3
3. Total cement imported (x 1,000 Kg)	50,620	58,473	63,099	49,557	15,449	10,387	12,348	12,436	13,639	9,112	15,585	20,137	26,649	12,804	13,223	10,423	14,001	12,291	12,377	10,888
4. Number of electrical installations approved	2,002	1,909	1,823	2,047	445	454	481	622	372	390	509	638	317	482	479	545	394	445	559	649
a. Houses 1)	430	428	439	524	69	106	115	140	75	83	121	149	69	77	145	148	72	100	147	205
b. Apartments	514	471	496	460	133	89	114	178	115	71	114	171	92	137	117	150	110	81	116	153
c. Enterprises	62	149	93	73	16	12	11	23	34	28	42	45	14	40	26	13	15	31	13	14
d. Others	996	861	795	990	227	247	241	281	148	208	232	273	142	228	191	234	197	233	283	277

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

	2016	2017	2018	2019	2017				2018				2019			
					I	II	III	IV	I	II	III	IV	I	II	III	IV
1. Water																
a. Quantity (x 1,000 m3) 1)	12,424	12,096	12,124	12,582	2,920	3,087	3,151	2,938	3,010	3,153	3,164	2,796	3,191	3,182	3,244	2,965
b. Value (in Afl. mln.)	110.7	107.0	107	112	25.7	27.4	28.1	25.8	26.5	28.1	28.2	24.2	28.4	28.3	29.0	26.1
c. Connected premises	45,149	46,522	47,633	48,618	45,852	46,114	46,328	46,522	46,806	47,267	47,400	47,633	47,902	48,152	48,431	48,618
2. Electricity																
a. Quantity (x 1,000 KWH)	793,853	804,723	775,884	808,675	178,090	207,228	214,671	204,734	178,925	193,235	206,749	196,974	178,938	198,609	217,277	213,850
b. Value (in Afl. mln)	413.7	386.1	376.3	383.3	86.4	97.5	103.5	98.7	87.5	93.9	99.9	95.0	88.1	88.1	104.8	102.3
c. Connections	48,574	49,138	50,089	51,104	49,007	49,090	48,327	49,138	49,671	49,734	45,958	50,089	50,271	50,431	50,664	51,104
d. Number of users	44,931	45,430	46,270	47,305	44,869	44,949	45,225	45,430	45,541	45,731	49,759	46,270	46,457	46,621	47,005	47,305
3. Gas																
a. Quantity (x 1,000 pounds)	24,243	24,790	24,463	23,748	6,211	6,032	6,039	6,508	6,278	6,081	6,016	6,087	6,066	5,923	5,772	5,986
b. Value (in Afl. mln)	23.4	27.0	31.1	25.9	6.5	6.5	6.6	7.4	8.1	7.8	7.4	7.8	7.2	6.5	6.1	6.1
c. Households	7,014	7,241	7,037	7,166	1,783	1,770	1,729	1,959	1,803	1,786	1,686	1,762	1,755	1,804	1,710	1,896
d. Commercial users	17,229	17,549	17,426	16,583	4,428	4,262	4,310	4,549	4,475	4,295	4,331	4,325	4,311	4,119	4,062	4,091
4. Utilities index 2)	151.1	151.7	145.6	156.4	135.6	153.3	158.2	151.7	137.4	146.1	153.7	145.6	138.6	148.9	160.2	156.4

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

	2016	2017	2018	2019	2017				2018				2019			
					I	II	III	IV	I	II	III	IV	I	II	III	IV
1. Export of goods (f.o.b.)	82.4	84.8	75.1	86.7	18.3	24.6	23.4	18.5	21.1	16.6	20.3	17.1	22.5	27.7	21.7	14.8
a. United States	33.3	33.5	36.1	48.7	9.2	9.5	6.6	8.2	12.5	6.4	8.2	8.9	15.0	14.6	12.0	7.0
b. Colombia	0.8	0.3	0.6	2.2	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.9	0.1	1.1	0.1
c. The Netherlands	17.6	10.7	15.1	11.4	2.3	3.8	1.8	2.9	2.7	4.4	5.9	2.1	2.5	3.7	3.2	1.9
d. The Netherlands Antilles	1.4	1.0	1.7	1.9	0.2	0.2	0.4	0.2	0.3	0.7	0.4	0.3	0.1	0.8	0.6	0.5
e. Venezuela	7.4	2.4	0.9	0.2	0.7	0.6	0.7	0.5	0.0	0.1	0.3	0.4	0.0	0.0	0.1	0.0
f. Other countries	21.9	36.8	20.7	22.2	5.9	10.4	13.8	6.6	5.2	4.8	5.3	5.3	3.8	8.5	4.7	5.2
2. Import of goods (c.i.f.)	1,944.5	2,057.1	2,201.7	2,285.8	483.2	482.9	483.4	607.6	531.7	533.6	553.9	582.5	524.9	529.8	565.9	665.2
a. United States	1,122.7	1,185.8	1,275.9	1,257.7	285.5	281.0	272.2	347.1	312.1	302.9	311.5	349.3	300.6	304.5	309.9	342.8
b. The Netherlands	255.4	276.8	283.6	303.5	58.5	63.5	68.4	86.5	72.5	69.4	76.3	65.4	72.3	74.1	80.3	76.9
c. The Netherlands Antilles	3.6	10.0	8.4	4.1	2.5	1.1	2.0	4.4	1.6	0.9	3.2	2.7	1.2	0.8	0.7	1.5
d. Venezuela	24.3	33.3	12.7	3.4	10.3	6.2	9.5	7.2	1.7	1.4	4.2	5.4	1.3	0.7	0.8	0.6
e. Panama	62.9	56.4	58.1	65.3	13.4	12.2	13.3	17.5	13.9	12.3	15.2	16.7	15.3	15.0	14.2	20.8
f. Brazil	33.5	37.9	45.8	44.0	6.5	8.7	9.7	13.1	11.5	10.6	13.7	10.0	7.6	12.7	14.2	9.5
g. Colombia	43.3	42.0	46.5	53.8	10.1	9.8	11.5	10.5	9.8	12.1	12.4	12.2	12.7	12.7	13.9	14.5
h. Japan	18.2	23.3	23.7	21.0	4.7	6.7	4.8	7.1	6.3	7.4	5.0	4.9	4.9	5.1	5.7	5.3
i. Other countries	380.6	391.7	447.0	533.0	91.7	93.7	92.0	114.3	102.3	116.6	112.4	115.8	109.1	104.3	126.2	193.4
3. Trade balance	-1,862.2	-1,972.3	-2,126.7	-2,199.1	-464.9	-458.3	-460.0	-589.2	-510.6	-517.0	-533.6	-565.4	-502.4	-502.1	-544.1	-650.4

Source: CBS.

TABLE 1.11: MERCHANDISE FOREIGN TRADE BY PRODUCT CATEGORY

	2016	2017	2018	2019	2017				2018				2019			
					I	II	III	IV	I	II	III	IV	I	II	III	IV
1. Export of goods (f.o.b.)	82.4	84.8	75.1	86.7	18.3	24.6	23.4	18.5	21.1	16.6	20.3	17.1	22.5	27.7	21.7	14.8
a. Live animals and other animal products	3.2	1.8	0.6	0.4	0.4	0.6	0.4	0.4	0.0	0.1	0.2	0.2	0.1	0.1	0.2	0.1
b. Transport equipment	3.0	1.5	2.7	6.1	0.4	0.6	0.0	0.5	0.5	0.9	0.6	0.8	3.9	0.7	1.3	0.2
c. Art objects and collectors' items	7.7	5.0	10.6	8.5	2.3	1.7	0.0	1.0	2.1	3.2	3.6	1.7	1.4	2.7	2.9	1.6
d. Machinery and electro technical equipment	9.1	4.5	6.5	9.0	1.4	1.2	0.0	1.9	1.9	1.8	1.7	1.1	0.5	4.0	2.7	1.8
e. Other goods	59.4	72.0	54.7	62.7	13.8	20.6	22.9	14.7	16.6	10.7	14.2	13.3	16.7	20.3	14.6	11.1
2. Import of goods (c.i.f.)	1,944.5	2,057.1	2,201.7	2,285.8	483.2	482.9	483.4	607.6	531.7	533.6	553.9	582.5	524.9	529.8	565.9	665.2
a. Live animals and other animal products	172.6	191.7	189.0	194.0	43.9	45.5	46.8	55.5	48.0	46.2	49.9	44.8	47.6	49.7	47.4	49.3
b. Food products	258.9	265.6	279.4	283.9	63.9	61.8	63.2	76.8	66.7	69.9	70.3	72.5	68.4	71.9	67.0	76.6
c. Chemical products	189.0	195.6	202.2	198.6	45.0	47.5	47.2	56.0	47.0	52.7	52.6	49.9	47.8	51.7	49.5	49.6
d. Base metals and derivative works	92.8	88.5	81.0	94.4	22.5	19.6	23.7	22.7	18.2	20.8	21.0	21.0	19.8	24.2	24.8	25.7
e. Machinery and electro technical equipment	279.3	296.4	324.9	385.1	71.0	74.0	66.9	84.6	82.4	80.1	82.2	80.2	81.0	73.3	82.9	147.9
f. Transport equipment	144.9	148.5	156.2	151.0	33.9	37.7	34.1	42.8	41.5	41.6	32.6	40.4	32.3	41.0	41.0	36.7
g. Other goods	807.1	870.9	969.0	978.9	203.2	196.8	201.5	269.4	227.7	222.3	245.4	273.7	228.0	218.2	253.3	279.4
3. Trade balance	-1,862.2	-1,972.3	-2,126.7	-2,199.1	-464.9	-458.3	-460.0	-589.2	-510.6	-517.0	-533.6	-565.4	-502.4	-502.1	-544.1	-650.4

Source: CBS.

TABLE 1.12: OIL REFINING

	2016	2017	2018	2019	2017				2018				2019			
					I	II	III	IV	I	II	III	IV	I	II	III	IV
1. Export of refined oil (x Afl. million)*	0	0	0	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	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	0	0	0
4. Number of employees (at end of period) 1)	70	135	143	77	53	71	135	135	18	146	143	143	83	81	79	77

1) Excluding persons employed with contractors.

Source: Aruba's oil refining company.

General note to the statistical tables

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

o.o: 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 statistical 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 December 2006, the consumer price index (CPI), produced by the CBS, is based on the household expenditure survey conducted by the CBS during the months of April and May of 2006.

The CBS has also changed the classification system used in the household expenditure surveys from a national to an international agreed 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, December of 2006 has been chosen as the new base period for the CPI. Subsequently, the CPI figures for 2007 and 2008 have been revised accordingly.

To convert the indexes prior to December 2006 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 December 2006 should be multiplied by the ratio 0.8306 i.e.,

$$\frac{\text{December 2006 (New index)}}{\text{December 2006 (Old index)}} = \frac{100.0}{120.4} = 0.8306$$

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.