



CENTRALE BANK VAN ARUBA

**STATISTICAL TABLES  
REAL SECTOR  
FOURTH QUARTER 2016  
Last updated March 21, 2017**

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**Available**

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TABLE 1.2A: BUSINESS PERCEPTION RESULTS

Survey questionnaire responses

	Improvement				No change				Worsening				Current	Short-term	Business perception index	
	2016				2016				2016							
	I	II	III	IV	I	II	III	IV	I	II	III	IV				
<b>A. Current economic conditions</b>	<b>21.3</b>	<b>23.2</b>	<b>24.0</b>	<b>22.1</b>	<b>40.7</b>	<b>45.5</b>	<b>44.2</b>	<b>52.9</b>	<b>38.0</b>	<b>31.3</b>	<b>31.7</b>	<b>25.0</b>	2013	105.2	104.3	104.8
1. The economic conditions in Aruba	7.4	0.0	3.8	15.4	48.1	50.0	69.2	61.5	44.4	50.0	26.9	23.1	2014	102.0	101.7	101.9
2. The activities of your business	33.3	35.7	42.3	23.1	37.0	28.6	34.6	53.8	29.6	35.7	23.1	23.1	2015	100.7	99.5	100.1
3. The investments of your business	14.8	25.0	7.7	23.1	48.1	46.4	50.0	57.7	37.0	28.6	42.3	19.2	2016	97.1	105.6	102.1
4. The number of employees that work for your company	29.6	32.1	42.3	26.9	29.6	57.1	23.1	38.5	40.7	10.7	34.6	34.6				
5. Terms and conditions for obtaining finance	18.5	0.0	7.7	0.0	81.5	71.4	76.9	80.8	0.0	28.6	15.4	19.2	2015 I	99.8	101.3	100.5
													II	99.2	97.8	98.5
<b>B. Expected short-term economic conditions 1)</b>	<b>17.6</b>	<b>27.7</b>	<b>28.8</b>	<b>26.0</b>	<b>65.7</b>	<b>59.8</b>	<b>60.6</b>	<b>61.5</b>	<b>16.7</b>	<b>12.5</b>	<b>10.6</b>	<b>12.5</b>	III	98.7	98.5	98.6
1. The economic conditions in Aruba	11.1	28.6	26.9	30.8	66.7	53.6	57.7	50.0	22.2	17.9	15.4	19.2	IV	98.8	97.9	98.4
2. The activities of your business	29.6	32.1	34.6	30.8	63.0	57.1	65.4	61.5	7.4	10.7	0.0	7.7				
3. The investments of your business	18.5	25.0	26.9	26.9	59.3	60.7	53.8	57.7	22.2	14.3	19.2	15.4	2016 I	97.2	100.3	98.3
4. The number of employees that work for your company	11.1	25.0	26.9	15.4	74.1	67.9	65.4	76.9	14.8	7.1	7.7	7.7	II	98.5	103.8	100.8
													III	98.6	104.6	101.1
													IV	99.4	103.5	101.2

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											
	2016				2016				2016				2016							
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
1. no change	29.6	57.1	23.1	38.5	22.2	21.4	19.2	15.4	3.7	0.0	0.0	3.8	11.1	22.2	23.1	11.5	25.9	21.4	19.2	15.4
2. increase of less than 5.1 percent	25.9	25.0	38.5	23.1	18.5	17.9	15.4	23.1	0.0	0.0	0.0	3.8	18.5	29.6	30.8	30.8	51.9	57.1	61.5	57.7
3. increase between 5.1 and 10.1 percent	0.0	3.6	3.8	3.8	3.7	7.1	3.8	11.5	3.7	0.0	3.8	0.0	25.9	7.4	11.5	23.1	7.4	7.1	0.0	11.5
4. increase of more than 10.1 percent	3.7	3.6	0.0	0.0	18.5	7.1	15.4	7.7	7.4	7.1	0.0	0.0	7.4	0.0	15.4	0.0	3.7	3.6	3.8	0.0
5. decrease of less than 5 percent	29.6	7.1	23.1	23.1	3.7	14.3	7.7	3.8	3.7	0.0	0.0	0.0	18.5	18.5	11.5	19.2	3.7	7.1	15.4	15.4
6. decrease between 5.1 and 10.1 percent	7.4	0.0	7.7	7.7	7.4	14.3	3.8	3.8	0.0	3.6	0.0	0.0	7.4	14.8	7.7	7.7	3.7	0.0	0.0	0.0
7. decrease of more than 10.1 percent	3.7	3.6	3.8	3.8	7.4	7.1	23.1	23.1	0.0	0.0	3.8	3.8	11.1	7.4	0.0	7.7	3.7	3.6	0.0	0.0
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>81.5</b>	<b>89.3</b>	<b>88.5</b>	<b>88.5</b>	<b>18.5</b>	<b>10.7</b>	<b>7.7</b>	<b>11.5</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</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)**

	2013	2014	2015	2016	2014				2015				2016			
					I	II	III	IV	I	II	III	IV	I	II	III	IV
					1. Index current economic condition	105.2	102.0	100.7	97.1	99.8	101.9	101.7	99.5	99.8	99.2	98.7
a. Manufacturing (excl. manufacture of refined petroleum products)	110.0	103.3	90.0	100.0	90.0	90.0	110.0	90.0	100.0	90.0	90.0	90.0	90.0	100.0	100.0	103.3
b. Electricity, gas and water supply, manufacture of refined petroleum products	110.0	110.0	110.0	110.0	110.0	100.0	90.0	90.0	100.0	110.0	110.0	110.0	110.0	100.0	110.0	100.0
c. Construction	100.9	105.0	110.0	90.0	101.4	110.0	106.7	103.3	101.4	94.0	101.1	98.0	95.7	93.3	100.0	95.7
d. Wholesale and retail trade, repair of motor vehicles and household goods	110.0	100.0	105.0	105.0	103.3	103.3	100.0	100.0	103.3	100.0	92.5	104.3	96.7	101.4	100.0	102.0
e. Hotels and restaurants	106.0	101.4	100.0	90.0	98.6	101.4	106.7	102.5	103.3	98.6	106.0	100.0	98.0	93.3	100.0	110.0
f. Transport, storage and communication	110.0	96.7	95.0	95.7	110.0	102.0	101.1	98.9	98.0	100.6	100.0	98.9	90.0	100.0	98.0	98.3
g. Financial intermediation	100.0	100.0	100.0	100.0	90.0	110.0	100.0	100.0	95.0	98.0	96.7	94.0	94.0	110.0	103.3	90.0
h. Real estate and other business activities	110.0	106.4	96.7	100.0	102.0	102.3	110.0	102.0	106.0	110.0	100.0	95.0	105.0	103.3	96.7	96.7
i. Health, other community and personal service activities	102.9	100.6	101.4	95.5	97.4	96.7	97.0	97.8	97.1	100.0	97.5	97.5	101.4	90.0	93.8	99.2
2. Index short-term future economic condition	104.3	101.7	99.5	105.6	99.8	98.2	99.6	102.1	101.3	97.8	98.5	97.9	100.3	103.8	104.6	103.5
a. Manufacturing (excl. manufacture of refined petroleum products)	90.0	90.0	90.0	100.0	90.0	90.0	90.0	90.0	100.0	90.0	90.0	90.0	90.0	100.0	100.0	96.7
b. Electricity, gas and water supply, manufacture of refined petroleum products	110.0	100.0	100.0	110.0	110.0	90.0	100.0	110.0	100.0	100.0	110.0	110.0	100.0	110.0	110.0	110.0
c. Construction	110.0	103.3	90.0	95.0	105.0	105.0	110.0	103.3	103.3	100.0	90.0	90.0	90.0	90.0	110.0	93.3
d. Wholesale and retail trade, repair of motor vehicles and household goods	104.3	103.3	101.1	107.1	98.0	96.7	96.0	100.0	96.7	94.0	96.7	106.0	97.5	104.3	94.0	100.0
e. Hotels and restaurants	106.0	102.5	100.0	110.0	96.7	101.4	99.1	102.5	102.0	100.0	100.0	98.0	98.0	110.0	110.0	100.0
f. Transport, storage and communication	110.0	95.0	90.0	105.6	110.0	95.7	101.4	96.7	96.0	98.8	96.7	92.5	98.0	108.0	107.8	106.0
g. Financial intermediation	107.5	106.7	105.6	107.5	105.0	102.0	101.4	110.0	107.5	107.1	110.0	107.1	110.0	107.1	106.0	110.0
h. Real estate and other business activities	110.0	110.0	110.0	110.0	106.0	106.7	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
i. Health, other community and personal service activities	102.9	100.6	101.4	95.5	97.4	96.7	97.0	97.8	97.1	100.0	97.5	97.5	101.4	90.0	93.8	99.2
3. Business Perception Index	104.8	101.9	100.1	102.1	99.8	100.0	100.6	100.7	100.5	98.5	98.6	98.4	98.3	100.2	101.1	101.2
a. Manufacturing (excl. manufacture of refined petroleum products)	98.0	96.7	90.0	100.0	90.0	90.0	98.0	90.0	100.0	90.0	90.0	90.0	90.0	100.0	100.0	100.0
b. Electricity, gas and water supply, manufacture of refined petroleum products	110.0	110.0	110.0	110.0	110.0	90.0	90.0	96.7	100.0	110.0	110.0	110.0	110.0	105.0	110.0	106.0
c. Construction	104.1	104.3	94.0	92.5	103.3	107.5	108.3	103.3	102.3	96.7	98.3	94.7	94.0	92.0	104.0	94.6
d. Wholesale and retail trade, repair of motor vehicles and household goods	106.4	102.0	102.9	106.4	100.9	100.0	97.5	100.0	100.0	98.0	94.3	105.0	97.0	102.9	98.0	101.1
e. Hotels and restaurants	106.0	102.0	100.0	103.3	100.0	101.4	101.8	102.5	102.5	99.1	102.7	99.2	98.0	98.9	103.3	110.0
f. Transport, storage and communication	110.0	95.9	92.5	101.3	110.0	98.3	101.3	97.8	97.2	99.7	98.5	95.9	93.1	104.0	102.6	101.8
g. Financial intermediation	104.1	105.0	102.2	105.0	100.0	102.7	100.8	102.0	102.0	103.3	102.0	100.0	104.1	106.4	102.7	104.0
h. Real estate and other business activities	110.0	108.0	103.3	106.7	104.0	103.7	110.0	105.6	107.9	110.0	105.6	101.4	107.5	107.1	103.3	104.3
i. Health, other community and personal service activities	100.3	101.7	103.8	101.2	96.3	95.6	97.9	100.0	96.4	95.8	98.0	98.6	101.4	93.3	96.4	101.4

**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**

Period	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 Netherlands	Other				Number of passengers	Ship calls	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
2013	7,126,771	979,256	600,634	556,296	266,958	188,020	77,010	37,788	34,654	0.37	7.3	77.3	688,568	358	
2014	7,692,903	1,072,082	620,567	576,800	338,470	249,593	80,155	36,995	32,890	0.35	7.2		667,095	328	
2015	8,329,592	1,224,935	665,593	621,427	437,254	350,918	80,590	35,632	41,498	0.34	6.8		607,019	296	
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	
2014	I	1,912,648	244,997	167,446	150,798	50,884	31,243	19,908	9,650	6,759	0.40	7.8		258,408	133
	II	1,683,037	244,874	153,661	146,434	65,383	44,919	17,034	8,625	8,796	0.40	6.9		113,810	48
	III	1,981,887	282,509	143,362	136,405	107,193	81,296	23,272	9,328	8,682	0.32	7.0		94,133	43
	IV	2,115,331	299,702	156,098	143,163	115,010	92,135	19,941	9,392	8,653	0.33	7.1		200,744	104
2015	I	2,146,684	294,411	179,802	161,788	90,528	68,952	17,487	8,810	6,594	0.36	7.3		214,991	114
	II	1,863,977	274,742	166,089	158,713	79,304	60,393	17,494	8,470	11,855	0.39	6.8		98,334	46
	III	2,116,133	317,985	157,973	150,840	124,678	101,157	24,607	9,316	10,727	0.33	6.7		71,281	33
	IV	2,202,798	337,797	161,729	150,086	142,744	120,416	21,002	9,036	12,322	0.33	6.5		222,413	103
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

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>										
2015	I	12.2	20.2	7.4	7.3	77.9	120.7	-12.2	-8.7	-2.4
	II	10.8	12.2	8.1	8.4	21.3	34.4	2.7	-1.8	34.8
	III	6.8	12.6	10.2	10.6	16.3	24.4	5.7	-0.1	23.6
	IV	4.1	12.7	3.6	4.8	24.1	30.7	5.3	-3.8	42.4
2016	I	2.5	5.4	0.8	1.7	10.3	13.0	0.6	-4.7	75.0
	II	-2.2	-3.0	2.7	3.0	-16.5	-26.4	11.8	0.5	-14.7
	III	-4.1	-14.1	-0.7	-0.3	-36.7	-46.6	8.1	2.8	-0.6
	IV	-12.7	-25.4	0.3	0.2	-60.1	-72.8	9.4	9.0	-18.9
<i>Cumulative percentage changes 2)</i>										
2015	I	12.2	20.2	7.4	7.3	77.9	120.7	-12.2	-8.7	-2.4
	II	11.5	16.2	7.7	7.8	46.1	69.8	-5.3	-5.4	18.6
	III	9.8	14.9	8.5	8.7	31.8	46.4	-1.0	-3.6	20.4
	IV	8.3	14.3	7.3	7.7	29.2	40.6	0.5	-3.7	26.2
2016	I	2.5	5.4	0.8	1.7	10.3	13.0	0.6	-4.7	75.0
	II	0.3	1.3	1.7	2.4	-2.2	-5.4	6.2	-2.1	17.4
	III	-1.2	-4.2	0.9	1.5	-16.8	-23.5	7.0	-0.4	10.8
	IV	-4.3	-10.0	0.8	1.2	-30.9	-40.4	7.6	2.0	2.0

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**  
(December 2006 = 100)

	Total index	Food & non-alcoholic beverages	Alcoholic beverages & tobacco products	Clothing & footwear	Housing	Household operation	Health	Transport	Communication	Recreation & culture	Education	Restaurants & hotels	Miscellaneous goods & services
<b>Weights</b>	<b>10,000</b>	<b>1,125</b>	<b>82</b>	<b>626</b>	<b>2,553</b>	<b>741</b>	<b>236</b>	<b>1,815</b>	<b>706</b>	<b>891</b>	<b>83</b>	<b>374</b>	<b>767</b>
End of period	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2013	116.9	142.0	138.5	92.7	130.4	97.9	93.2	116.8	87.1	117.3	116.6	126.9	100.9
2014	119.5	151.1	141.7	92.2	137.0	95.3	94.1	118.2	89.7	110.3	116.6	131.0	102.2
2015	118.4	148.5	146.8	93.3	138.2	95.5	92.2	109.2	90.4	111.7	117.9	135.2	103.2
2016	118.0	149.8	148.4	91.9	134.5	98.3	95.4	110.0	90.0	111.8	122.4	136.2	103.1
2014 I	117.1	142.9	139.7	92.2	130.6	97.0	94.6	121.4	87.4	108.0	116.6	128.9	100.8
2014 II	117.6	143.7	139.9	92.2	131.0	96.3	93.5	123.8	87.4	107.5	116.6	128.9	100.9
2014 III	117.8	144.7	140.3	92.0	132.0	95.5	93.7	121.4	87.6	109.7	116.6	129.9	101.9
2014 IV	119.5	151.1	141.7	92.2	137.0	95.3	94.1	118.2	89.7	110.3	116.6	131.0	102.2
2015 I	118.6	148.1	143.5	90.6	136.9	96.5	95.1	113.8	89.2	112.0	116.6	133.4	102.7
2015 II	118.4	145.8	144.2	87.6	137.3	96.2	94.1	116.4	89.3	108.9	116.6	134.0	102.2
2015 III	118.1	147.4	147.1	87.7	137.8	95.7	94.6	112.1	90.3	109.4	117.7	134.3	102.6
2015 IV	118.4	148.5	146.8	93.3	138.2	95.5	92.2	109.2	90.4	111.7	117.9	135.2	103.2
2016 I	116.5	146.5	148.6	90.1	133.8	96.2	95.4	107.2	90.1	110.8	118.1	135.1	103.1
2016 II	117.4	147.1	148.8	90.9	133.9	95.5	96.5	111.7	90.6	109.6	118.3	136.1	103.4
2016 III	117.3	146.3	148.9	89.6	134.2	96.4	95.8	111.6	90.7	108.9	119.9	136.1	103.3
2016 IV	118.0	149.8	148.4	91.9	134.5	98.3	95.4	110.0	90.0	111.8	122.4	136.2	103.1

Source: CBS.

**TABLE 1.7A: PERCENTAGE PRICE CHANGES**  
(December 2006 = 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
2013	116.9	0.3	-0.5	0.1	-2.4
2014	119.5	1.3	1.4	2.2	0.4
2015	118.4	0.6	0.2	-0.9	0.5
2016	118.0	0.2	0.6	-0.3	-0.9
2014 I	117.1	0.2	0.1	-0.4	-1.6
II	117.6	0.1	0.4	0.2	-0.7
III	117.8	-0.2	0.2	0.2	-0.2
IV	119.5	1.3	1.4	2.2	0.4
2015 I	118.6	0.9	-0.7	1.3	0.8
II	118.4	-0.4	-0.2	0.7	1.0
III	118.1	-0.6	-0.2	0.3	1.1
IV	118.4	0.6	0.2	-0.9	0.5
2016 I	116.5	-0.3	-1.6	-1.8	0.0
II	117.4	0.4	0.8	-0.8	-0.6
III	117.3	0.2	-0.1	-0.7	-1.0
IV	118.0	0.2	0.6	-0.3	-0.9



**TABLE 1.7B: PERCENTAGE PRICE CHANGES**

(Percentage change)

	2013	2014	2015	2016	2014				2015				2016			
					I	II	III	IV	I	II	III	IV	I	II	III	IV
Total index	-2.4	0.4	0.5	-0.9	-0.4	0.0	0.4	1.6	1.0	1.0	0.6	-0.7	-1.0	-1.4	-1.1	-0.1
Food and non-alcoholic beverages	0.2	2.1	2.2	-0.2	0.0	1.1	2.2	5.3	5.0	2.5	2.3	-0.9	-0.9	-0.2	-0.9	1.2
Alcoholic beverages and tobacco	9.1	1.1	3.7	2.3	0.8	0.9	1.4	1.5	2.6	3.1	4.5	4.6	3.2	3.1	1.5	1.2
Clothing and footwear	-7.9	-2.3	-2.9	0.9	-2.9	-3.1	-2.5	-0.4	-2.4	-2.4	-4.9	-1.7	0.5	0.2	2.8	0.1
Housing	-7.5	1.6	3.8	-2.5	0.3	0.4	0.7	4.9	4.9	4.8	4.7	0.9	-2.2	-2.4	-2.6	-2.6
Household operation	-2.1	-2.7	0.1	-0.2	-2.2	-2.9	-2.5	-3.0	-0.7	0.3	0.3	0.4	-0.6	-1.3	-0.5	1.7
Health	0.7	-0.1	0.7	1.2	-0.6	-1.0	0.3	0.8	1.1	0.7	1.6	-0.6	-0.6	2.1	1.1	2.2
Transport	0.1	1.1	-6.8	-2.1	0.0	2.2	2.0	0.2	-7.3	-6.4	-6.4	-7.2	-2.6	-4.2	-2.9	1.5
Communications	0.0	0.8	2.4	0.5	0.6	0.7	0.7	1.3	2.4	2.0	3.0	2.4	0.6	1.2	0.5	-0.3
Recreation and culture	2.0	-5.1	0.6	0.4	-4.1	-5.1	-3.9	-7.1	0.0	1.8	-1.2	2.0	1.0	-0.5	1.0	0.0
Education	0.1	0.0	0.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.0	1.2	1.4	1.5	3.2
Restaurants and hotels	1.5	2.7	3.6	1.4	2.5	2.7	2.7	3.1	3.3	3.8	3.8	3.6	2.2	1.3	1.3	0.8
Miscellaneous goods and services	0.8	0.5	1.6	0.4	0.2	0.1	0.6	1.2	1.9	2.1	1.6	0.9	0.4	0.4	0.3	0.4
<i>Total index (excl. energy-related components)</i>	0.2	0.3	1.1	0.5	-0.2	0.1	0.5	1.0	1.6	1.3	0.8	0.6	0.5	0.2	0.6	0.7
<i>Total index (excl. energy &amp; food-related components)</i>	0.2	0.1	0.9	0.5	-0.2	-0.1	0.2	0.3	1.0	1.1	0.5	0.8	0.6	0.2	0.7	0.5
Aruba	-2.4	0.4	0.5	-0.9	-1.6	-0.7	-0.2	0.4	0.8	1.0	1.1	0.5	0.0	-0.6	-1.0	-0.9
Aruba (excl. energy-related components)	0.2	0.3	1.1	0.5	0.1	0.1	0.1	0.3	0.8	1.1	1.2	1.1	0.8	0.5	0.5	0.5
Aruba (excl. energy & food-related components)	0.2	0.1	0.9	0.5	0.2	0.1	0.0	0.1	0.4	0.7	0.7	0.9	0.7	0.5	0.6	0.5
United States	1.5	1.6	0.1	1.3	1.4	1.6	1.6	1.6	1.3	0.7	0.3	0.1	0.4	0.7	0.9	1.3
Curacao	1.3	1.7	-0.4	-0.1	0.9	0.5	1.2	1.7	1.5	1.2	0.6	-0.4	-0.4	-0.5	-0.6	-0.1
The Netherlands	2.5	1.0	0.6	0.3	2.0	1.6	1.1	1.0	0.7	0.7	0.7	0.6	0.7	0.5	0.3	0.3
Real exchange rate index (1995=100) 1)	107.3	106.0	106.4	104.1	106.8	106.2	105.9	106.0	106.3	106.5	106.7	106.4	105.8	105.2	104.6	104.1

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**

	2013	2014	2015	2016	2014				2015				2016			
					I	II	III	IV	I	II	III	IV	I	II	III	IV
1. Number of construction permits granted	920	859	843	652	224	163	235	237	206	230	241	166	186	151	210	105
a. Houses 1)	539	449	453	370	117	85	116	131	116	122	130	85	108	82	101	79
b. Apartments	43	60	55	47	21	10	20	9	12	12	18	13	14	11	14	8
c. Office buildings	8	11	1	5	1	1	4	5	0	0	1	0	0	2	2	1
d. Stores and shopping malls 2)	21	18	24	18	4	3	5	6	3	6	7	8	8	3	5	2
e. Others	309	321	310	212	81	64	90	86	75	90	85	60	56	53	88	15
2. Total value of construction permits (x Afl. million)	358.6	343.6	389.0	275.4	77.5	88.8	108.6	68.7	74.4	90.0	119.9	104.8	51.7	51.0	80.2	92.5
a. Houses 1)	122.5	106.7	114.0	88.9	29.8	21.2	25.3	30.5	30.7	27.2	33.7	22.4	24.2	22.7	22.1	20.0
b. Apartments	36.4	75.7	98.0	39.9	13.5	40.2	15.6	6.3	14.5	13.2	13.5	56.7	7.9	6.9	18.5	6.6
c. Office buildings	11.4	14.3	2.5	4.7	0.2	1.2	8.9	3.9	0.0	0.6	1.3	0.6	0.0	0.7	3.8	0.3
d. Stores and shopping malls 2)	16.2	33.4	29.6	26.9	12.8	3.9	11.3	5.5	2.7	7.1	11.9	7.9	8.3	3.1	10.3	5.1
e. Others	172.1	113.6	145.0	114.9	21.3	22.3	47.5	22.5	26.5	41.8	59.5	17.1	11.3	17.6	25.5	60.5
3. Total cement imported (x 1,000 Kg)	48,589	51,812	46,500		9,679	12,265	18,470	11,398	9,403	10,774	15,230	11,093	15,449	10,387		
4. Number of electrical installations approved	1,802	1,577	1,510		268	329	399	581	259	480	405	366	441	322		
a. Houses 1)	378	380	315		51	107	75	147	67	90	65	93	68	73		
b. Apartments	369	400	281		59	56	106	179	47	94	73	67	130	72		
c. Enterprises	162	183	108		19	14	69	81	22	40	25	21	16	5		
d. Others	893	614	806		139	152	149	174	123	256	242	185	227	172		

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**

	2013	2014	2015	2016	2014				2015				2016				
					I	II	III	IV	I	II	III	IV	I	II	III	IV	
1. Water																	
a. Quantity (x 1,000 m3) 1)	11,291	11,459	11,872	12,424	2,868	2,884	2,972	2,734	2,908	2,990	3,069	2,906	3,095	3,146	3,083	3,100	
b. Value (in Afl. mln.)	99.6	101.5	105.4	110.7	25.4	25.7	26.5	24.0	25.7	26.7	27.4	25.6	27.7	28.1	27.4	27.6	
c. Connected premises	42,211	43,592	44,745	45,149	42,751	43,108	43,275	43,592	43,778	44,105	44,413	44,745	44,998	45,180	45,501	45,149	
2. Electricity																	
a. Quantity (x 1,000 KWH)	779,660	770,098	778,395		177,075	191,051	202,808	199,164	181,370	188,752	204,192	204,082	181,799	200,687	209,270		
b. Value (in Afl. mln)	385.9	387.8	419.9		87.4	94.0	100.6	105.8	99.8	99.3	110.5	110.3	94.7	105.2	108.9		
c. Connections	45,880	48,477	47,201		46,099	46,149	47,804	48,477	49,167	49,238	50,139	47,201	47,955	48,202	48,293		
d. Number of users	41,525	43,274	43,748		42,472	42,614	42,860	43,274	43,733	43,845	44,433	43,748	44,294	44,504	44,691		
3. Gas																	
a. Quantity (x 1,000 pounds)	21,375	22,695	23,551	24,243	5,518	5,562	5,596	6,019	5,752	5,798	5,738	6,263	5,920	5,868	6,064	6,391	
b. Value (in Afl. mln)	24.3	27.5	24.3	23	6.7	6.8	6.9	7.1	6.2	6.0	6.0	6.2	5.6	5.6	5.9	6.3	
c. Households	7,022	7,029	7,108	7,014	1,707	1,746	1,662	1,913	1,736	1,776	1,676	1,921	1,691	1,733	1,669	1,922	
d. Commercial users	14,353	15,666	16,442	17,229	3,811	3,816	3,934	4,106	4,016	4,022	4,062	4,342	4,229	4,134	4,395	4,470	
4. Utilities index 2)	143.4	142.8	144.5		133.6	141.8	149.4	146.6	136.8	141.7	151.4	150.9	138.7	150.0	154.8		

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.

### **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.